

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070720\
 Data File : VD065929.D
 Acq On : 07 Jul 2020 19:05
 Operator : VA/SY
 Sample : VD0707SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Quant Time: Jul 08 09:50:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	407683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	629254	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	593399	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	295842	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	168792	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
35) Dibromofluoromethane	7.91	113	182739	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
50) Toluene-d8	10.34	98	649141	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.63	95	232616	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	79585	21.959	ug/l	96
3) Chloromethane	2.21	50	75123	20.909	ug/l	93
4) Vinyl Chloride	2.35	62	65480	19.849	ug/l	98
5) Bromomethane	2.76	94	41266	19.748	ug/l	87
6) Chloroethane	2.92	64	38044	19.292	ug/l	98
7) Trichlorofluoromethane	3.27	101	143696	20.323	ug/l	99
8) Diethyl Ether	3.71	74	42653	21.989	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.08	101	83524	19.749	ug/l	96
10) Methyl Iodide	4.30	142	80946	19.771	ug/l	100
11) Tert butyl alcohol	5.21	59	35052	144.595	ug/l #	85
12) 1,1-Dichloroethene	4.06	96	80327	20.331	ug/l	86
13) Acrolein	3.93	56	25261	125.434	ug/l	95
14) Allyl chloride	4.71	41	134484	20.085	ug/l	99
15) Acrylonitrile	5.43	53	95620	112.591	ug/l	99
16) Acetone	4.16	43	78572	92.794	ug/l #	88
17) Carbon Disulfide	4.40	76	256939	20.410	ug/l	99
18) Methyl Acetate	4.71	43	42657	21.492	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	185929	22.228	ug/l	99
20) Methylene Chloride	4.96	84	124691	21.810	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	92597	20.830	ug/l	98
22) Diisopropyl ether	6.37	45	274804	21.840	ug/l	97
23) Vinyl Acetate	6.30	43	793244	110.445	ug/l	100
24) 1,1-Dichloroethane	6.26	63	158184	21.083	ug/l	99
25) 2-Butanone	7.21	43	122541	109.521	ug/l	96
26) 2,2-Dichloropropane	7.20	77	131150	19.981	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	102836	21.531	ug/l	98
28) Bromochloromethane	7.55	49	64712	22.831	ug/l	99
29) Tetrahydrofuran	7.56	42	79175	111.283	ug/l	99
30) Chloroform	7.71	83	159969	21.031	ug/l	97
31) Cyclohexane	7.98	56	146400	19.831	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	141741	20.419	ug/l	100
36) 1,1-Dichloropropene	8.11	75	122329	19.684	ug/l	99
37) Ethyl Acetate	7.30	43	54907	21.086	ug/l	96
38) Carbon Tetrachloride	8.10	117	129442	19.432	ug/l	95

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 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	151397	19.842	ug/l	97
40) Benzene	8.35	78	355293	20.694	ug/l	98
41) Methacrylonitrile	7.56	41	76551	50.634	ug/l #	25
42) 1,2-Dichloroethane	8.43	62	102684	21.111	ug/l	99
43) Isopropyl Acetate	8.45	43	106260	21.923	ug/l	98
44) Trichloroethene	9.11	130	104000	20.616	ug/l	98
45) 1,2-Dichloropropane	9.39	63	87116	20.443	ug/l	99
46) Dibromomethane	9.47	93	47518	21.418	ug/l	98
47) Bromodichloromethane	9.67	83	126884	21.321	ug/l	100
48) Methyl methacrylate	9.46	41	54663	22.402	ug/l	97
49) 1,4-Dioxane	9.46	88	11897	451.313	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	264998	108.141	ug/l	99
52) Toluene	10.40	92	228938	20.959	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	118233	21.129	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	144360	21.350	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	65996	21.590	ug/l	98
56) Ethyl methacrylate	10.66	69	82803	22.179	ug/l	99
57) 1,3-Dichloropropane	10.95	76	116043	21.708	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	200968	111.148	ug/l	100
59) 2-Hexanone	10.98	43	183901	109.122	ug/l	97
60) Dibromochloromethane	11.14	129	88750	21.251	ug/l	99
61) 1,2-Dibromoethane	11.25	107	65754	21.575	ug/l	99
64) Tetrachloroethene	10.87	164	87517	20.280	ug/l	96
65) Chlorobenzene	11.67	112	247559	20.702	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	95094	21.261	ug/l	97
67) Ethyl Benzene	11.75	91	427344	20.116	ug/l	98
68) m/p-Xylenes	11.86	106	332983	41.256	ug/l	99
69) o-Xylene	12.18	106	152583	20.753	ug/l	96
70) Styrene	12.20	104	268090	21.123	ug/l	99
71) Bromoform	12.36	173	54364	21.481	ug/l #	99
73) Isopropylbenzene	12.48	105	414984	20.099	ug/l	99
74) N-amyl acetate	12.29	43	93456	20.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	69783	20.358	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	94077	37.908	ug/l #	100
77) Bromobenzene	12.76	156	102656	20.499	ug/l	98
78) n-propylbenzene	12.83	91	482943	19.951	ug/l	100
79) 2-Chlorotoluene	12.91	91	273807	19.939	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	345648	20.467	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	24878	21.540	ug/l	95
82) 4-Chlorotoluene	13.01	91	295033	20.477	ug/l	99
83) tert-Butylbenzene	13.23	119	289091	20.093	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	340983	20.284	ug/l	100
85) sec-Butylbenzene	13.40	105	410491	20.132	ug/l	99
86) p-Isopropyltoluene	13.52	119	377220	20.226	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	192415	20.534	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	186987	20.002	ug/l	98
89) n-Butylbenzene	13.85	91	343969	19.640	ug/l	99
90) Hexachloroethane	14.11	117	74940	19.926	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	168575	20.583	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13277	23.164	ug/l	91

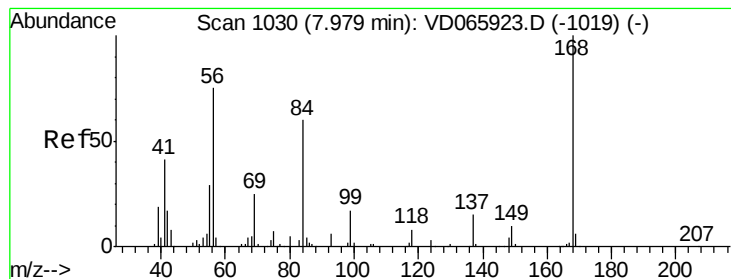
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070720\
Data File : VD065929.D
Acq On : 07 Jul 2020 19:05
Operator : VA/SY
Sample : VD0707SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
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MSVOA_D
ClientSampleId :
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Quant Time: Jul 08 09:50:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 08 09:45:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	119293	20.437	ug/l	98
94) Hexachlorobutadiene	15.27	225	68918	19.519	ug/l	96
95) Naphthalene	15.41	128	207857	21.232	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	104412	20.738	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

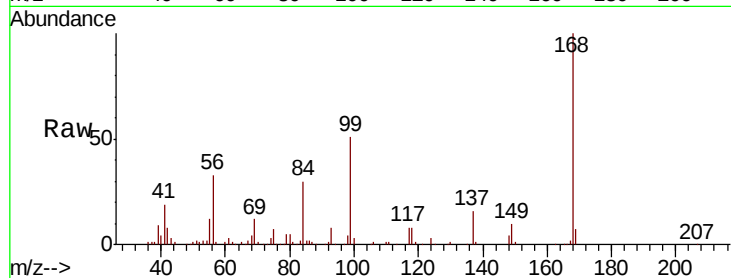
VD0707SBS01

Tot Ion:168 Resp: 407683

Ion Ratio Lower Upper

168 100

99 51.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

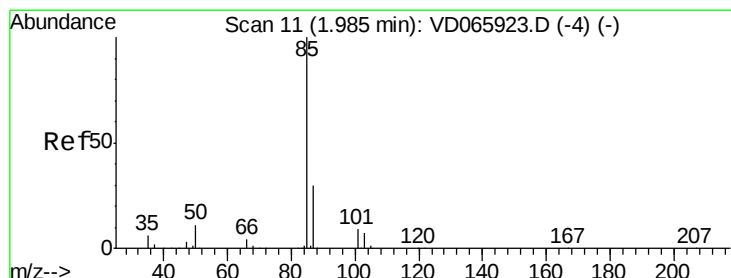
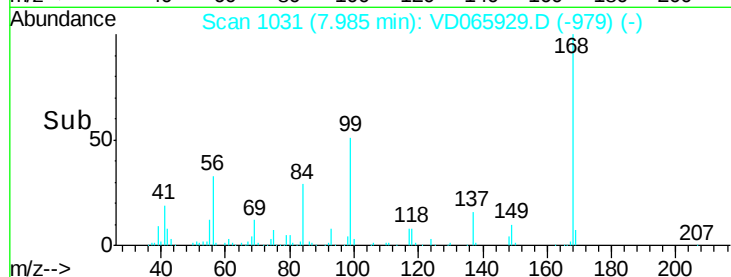
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.959 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD065929.D

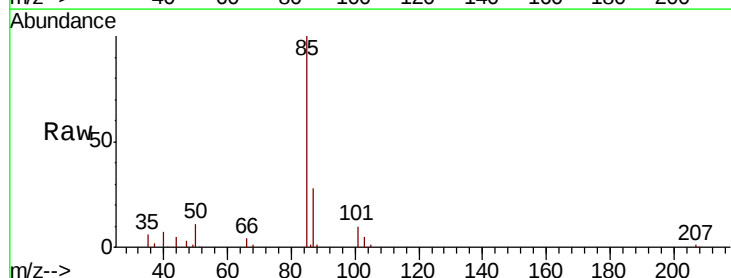
Acq: 07 Jul 2020 19:05

Tgt Ion: 85 Resp: 79585

Ion Ratio Lower Upper

85 100

87 27.9 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

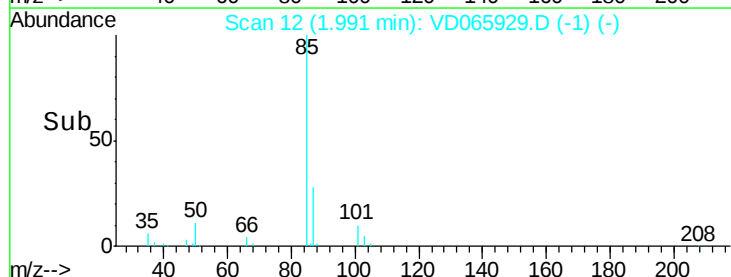
20000

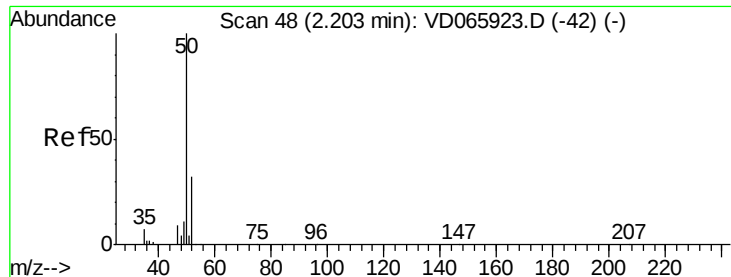
10000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 20.909 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

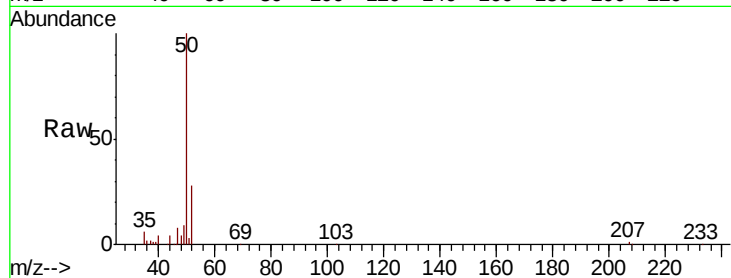
VD0707SBSD01

Tot Ion: 50 Resp: 75123

Ion Ratio Lower Upper

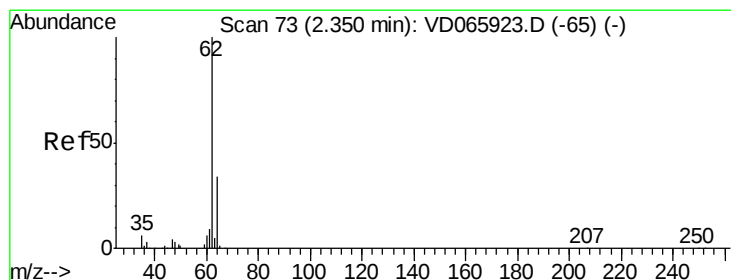
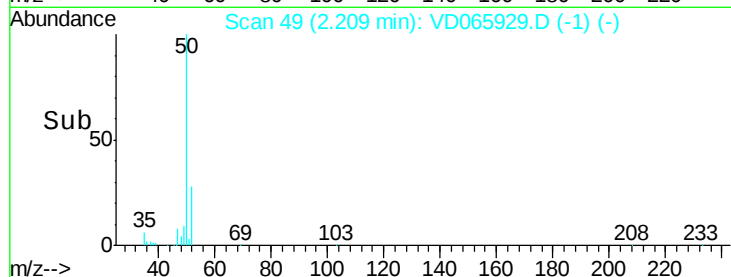
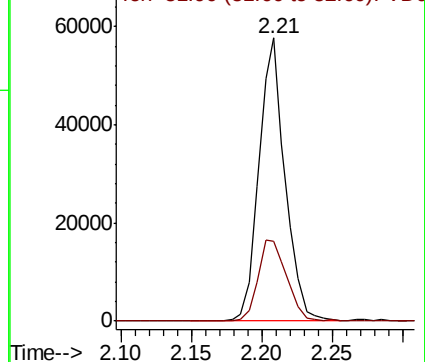
50 100

52 28.1 25.6 38.4



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.849 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065929.D

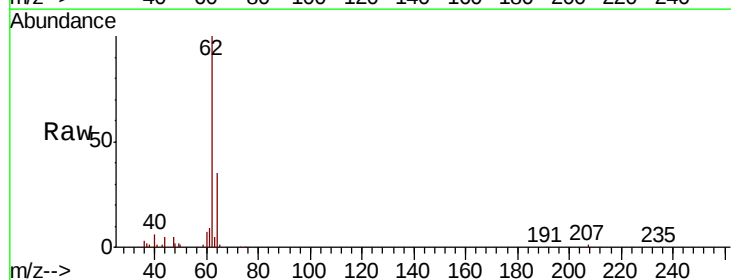
Acq: 07 Jul 2020 19:05

Tgt Ion: 62 Resp: 65480

Ion Ratio Lower Upper

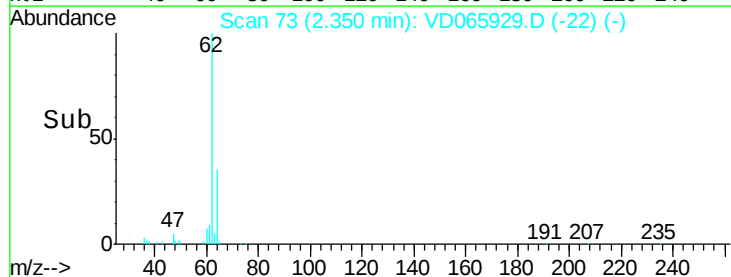
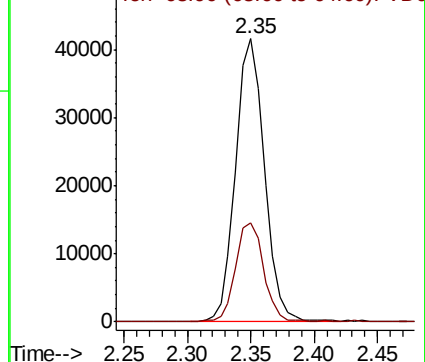
62 100

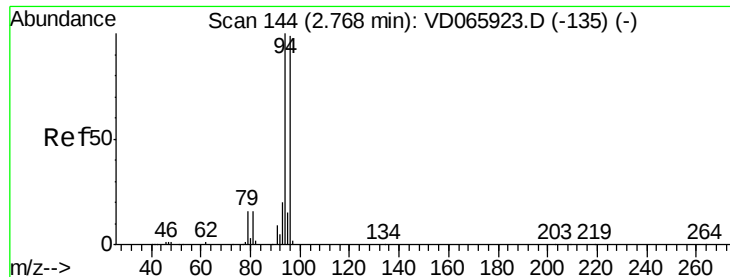
64 35.0 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 19.748 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

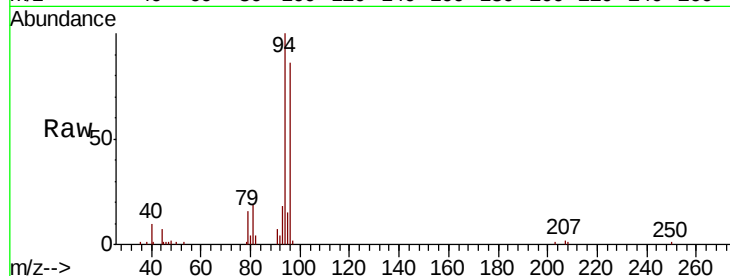
VD0707SBS01

Tot Ion: 94 Resp: 41266

Ion Ratio Lower Upper

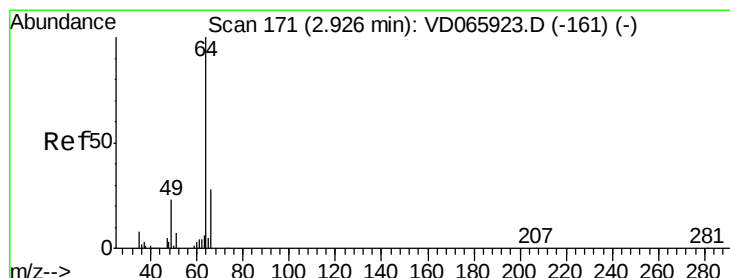
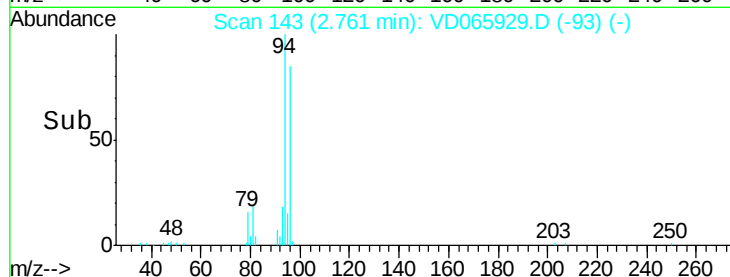
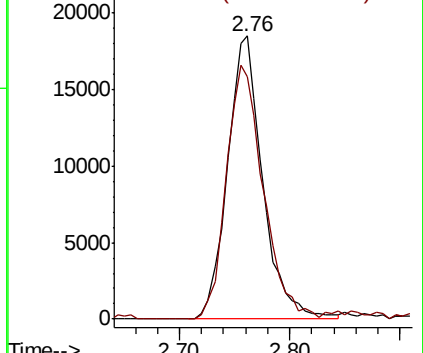
94 100

96 85.7 78.8 118.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 19.292 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065929.D

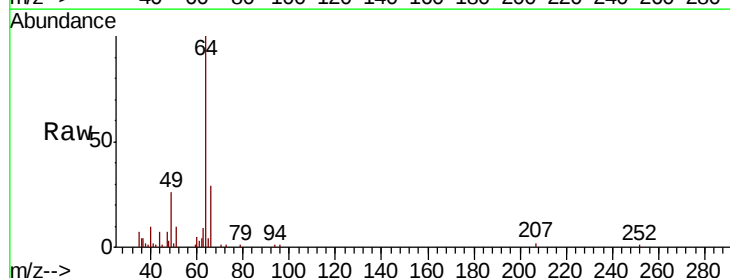
Acq: 07 Jul 2020 19:05

Tgt Ion: 64 Resp: 38044

Ion Ratio Lower Upper

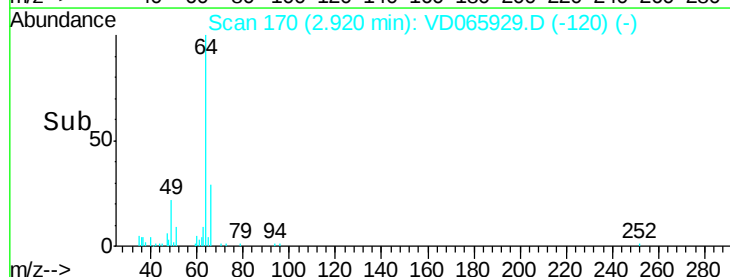
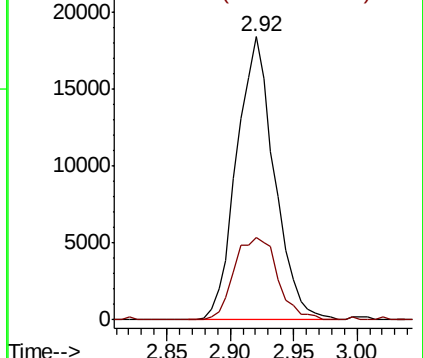
64 100

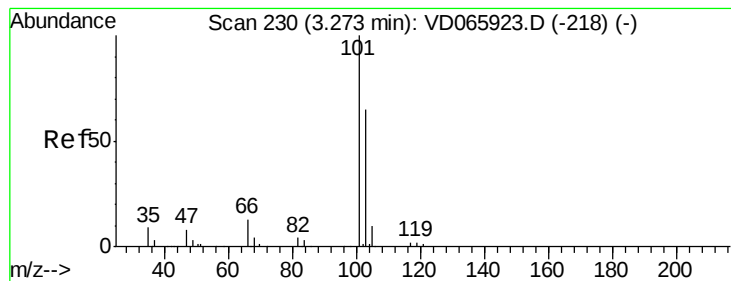
66 29.1 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



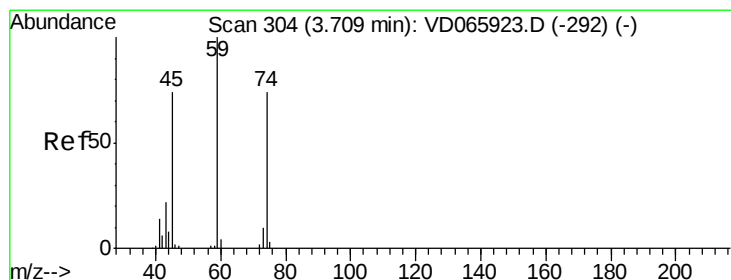
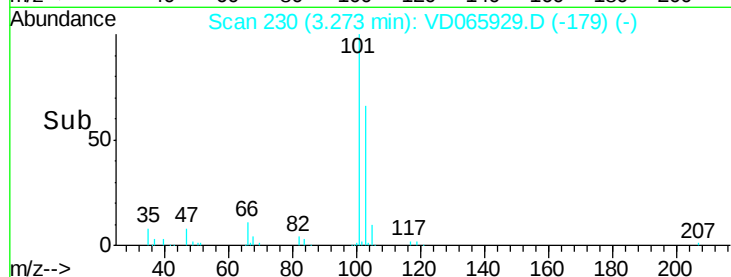
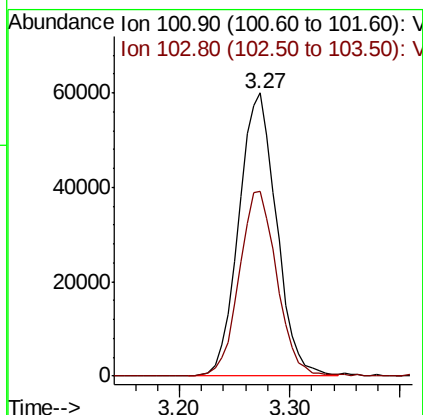
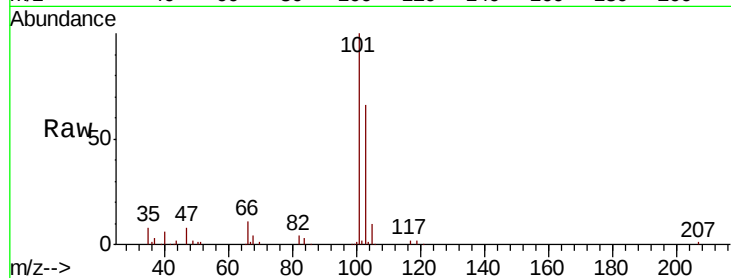


#7

Trichlorofluoromethane
 Concen: 20.323 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBSD01

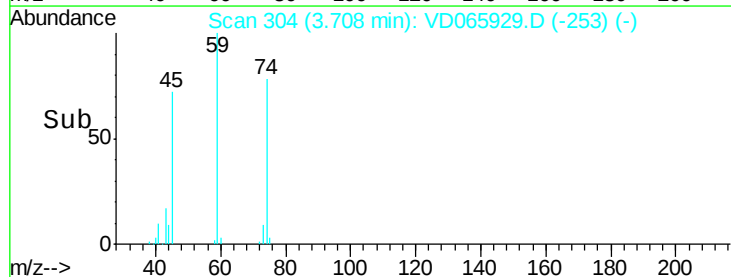
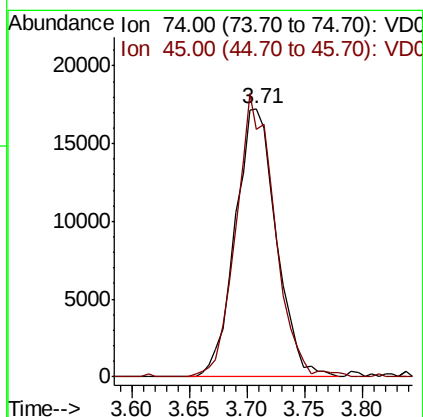
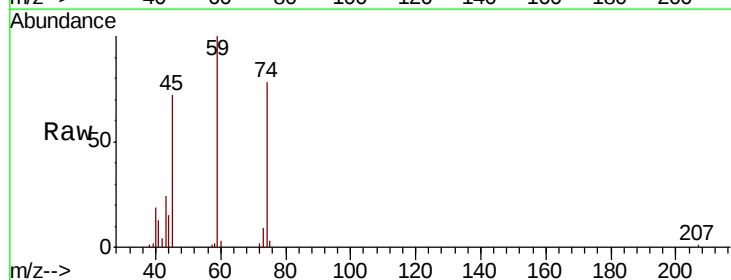
Tot Ion:101 Resp: 143696
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.7 77.5

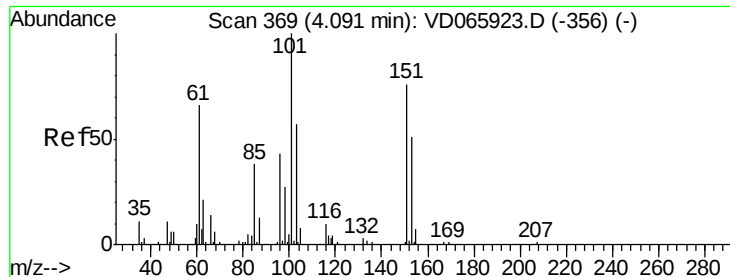


#8

Diethyl Ether
 Concen: 21.989 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion: 74 Resp: 42653
 Ion Ratio Lower Upper
 74 100
 45 98.2 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.749 ug/l

RT: 4.08 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

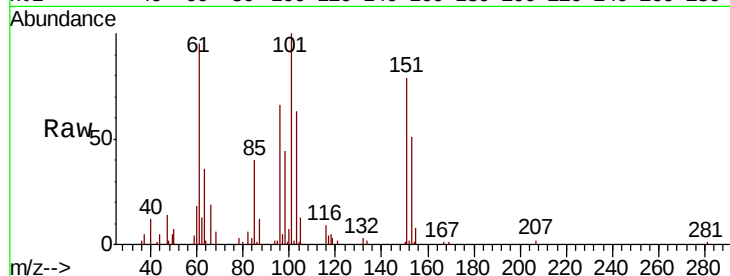
Tot Ion:101 Resp: 83524

Ion Ratio Lower Upper

101 100

85 41.7 33.8 50.8

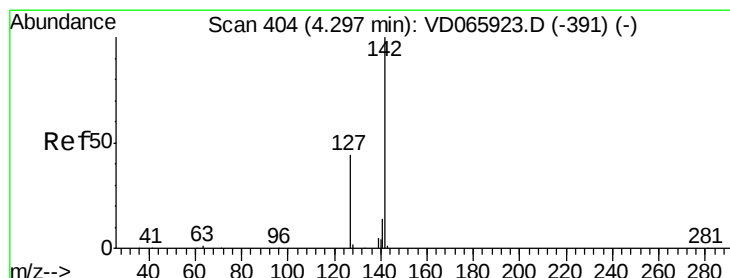
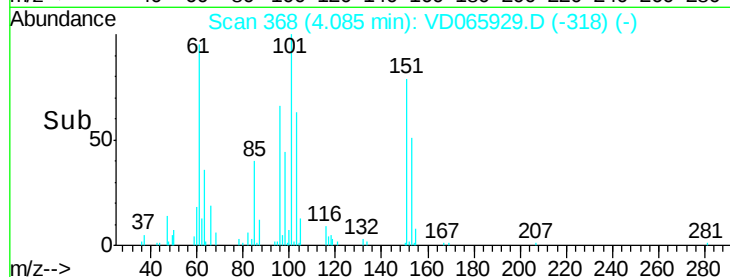
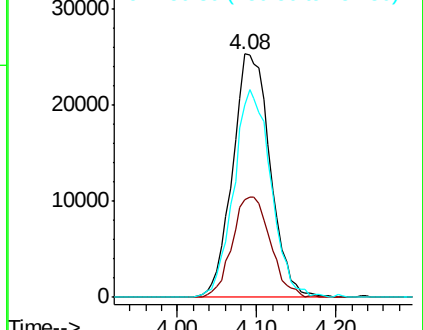
151 84.4 64.1 96.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.771 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

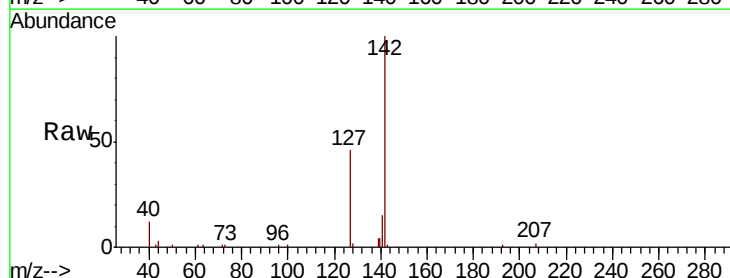
Tgt Ion:142 Resp: 80946

Ion Ratio Lower Upper

142 100

127 43.4 34.6 51.8

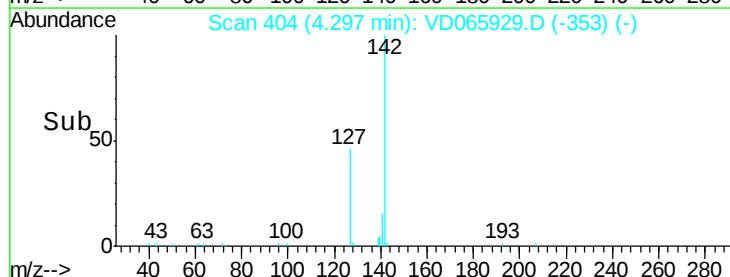
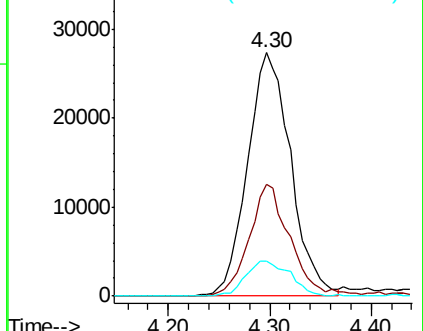
141 14.8 11.6 17.4

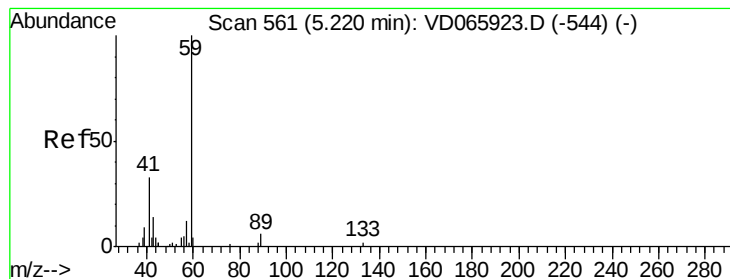


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



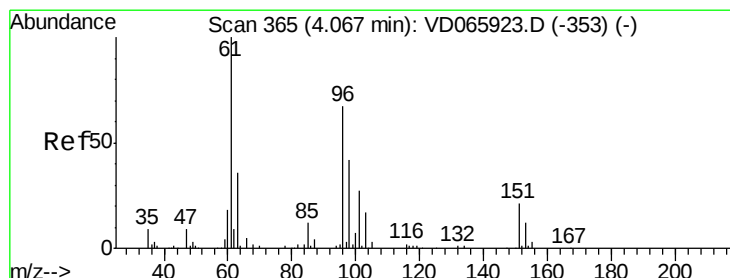
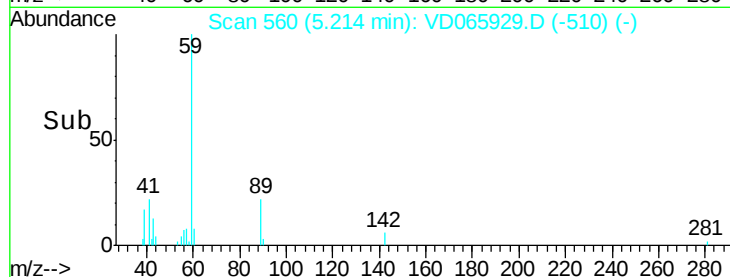
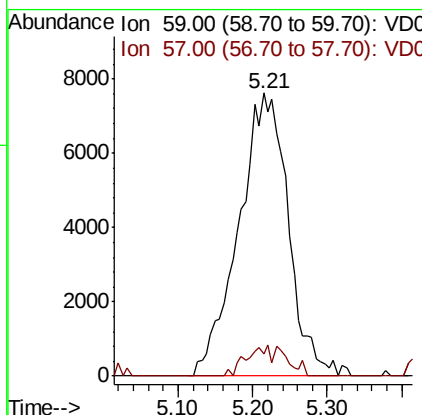
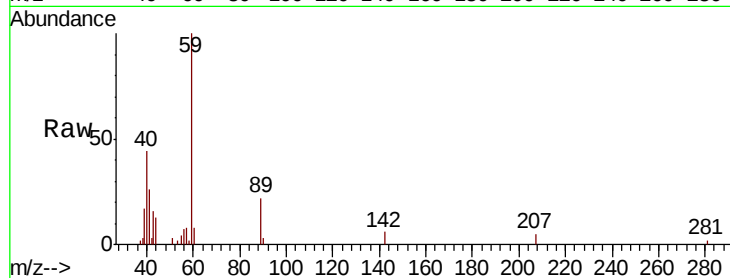


#11

Tert butyl alcohol
 Concen: 144.595 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

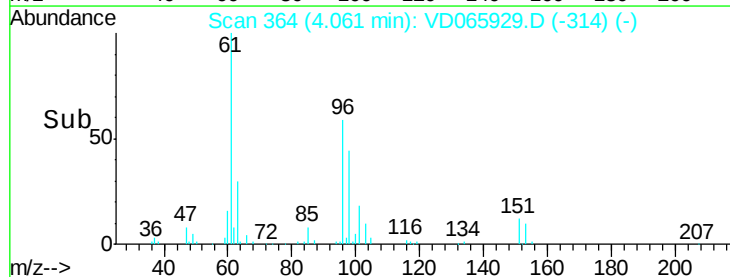
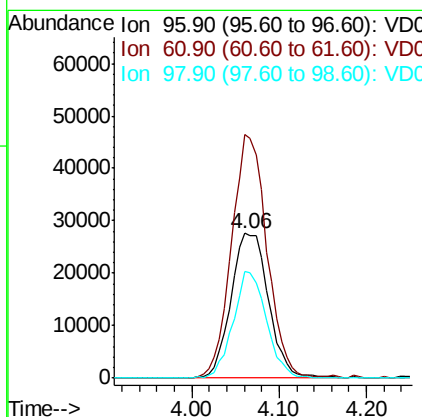
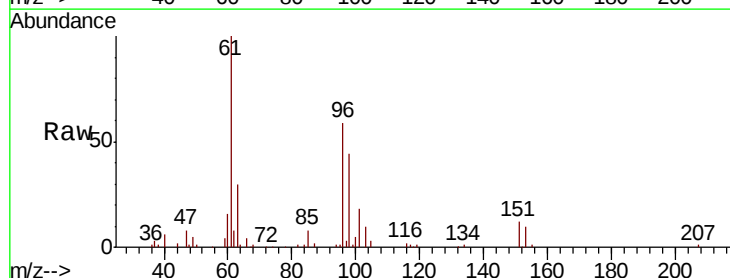
Tot Ion: 59 Resp: 35052
 Ion Ratio Lower Upper
 59 100
 57 5.3 8.7 13.1#

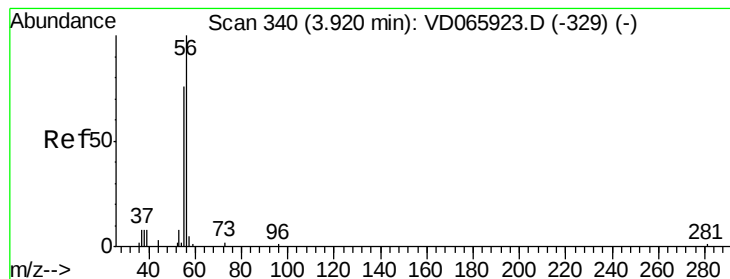


#12

1,1-Dichloroethene
 Concen: 20.331 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion: 96 Resp: 80327
 Ion Ratio Lower Upper
 96 100
 61 168.3 120.2 180.2
 98 73.4 50.6 76.0





#13

Acrolein

Concen: 125.434 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

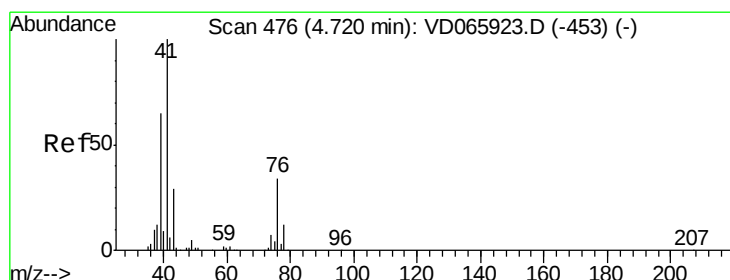
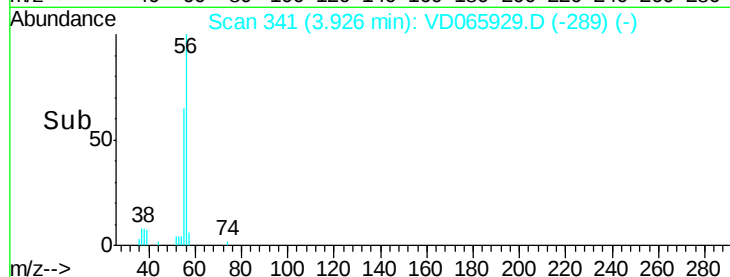
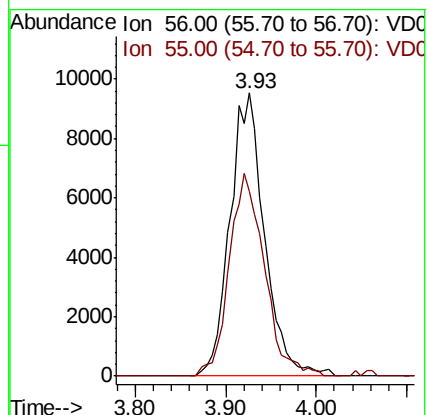
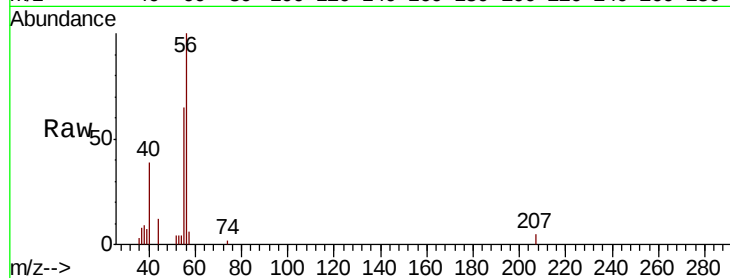
VD0707SBS01

Tot Ion: 56 Resp: 25261

Ion Ratio Lower Upper

56 100

55 72.7 55.0 82.6



#14

Allyl chloride

Concen: 20.085 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

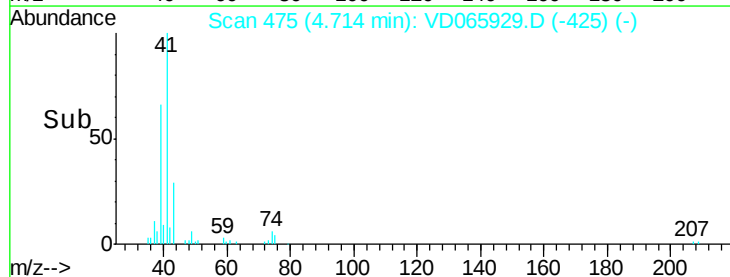
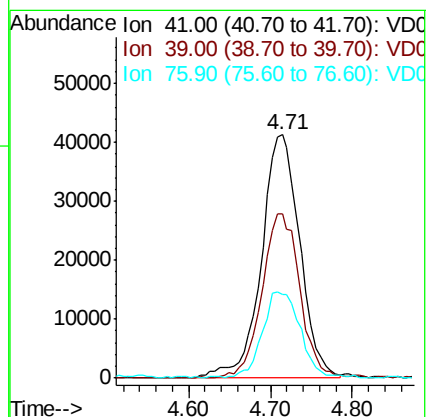
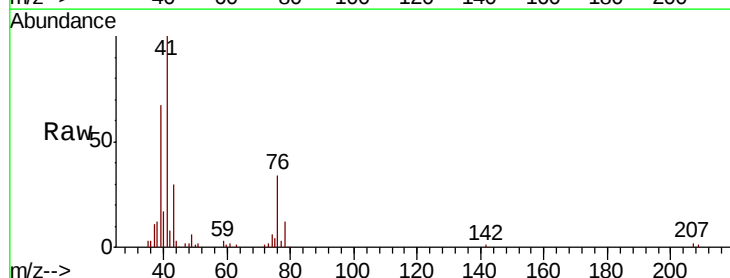
Tgt Ion: 41 Resp: 134484

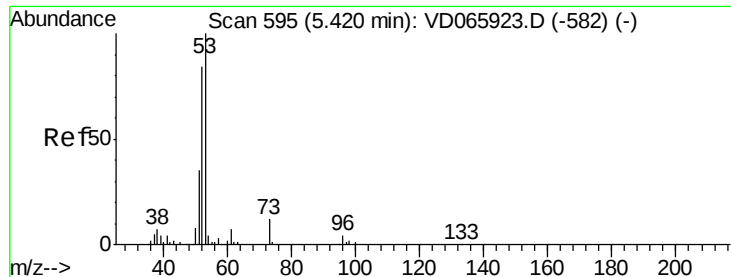
Ion Ratio Lower Upper

41 100

39 66.4 52.2 78.4

76 35.1 28.1 42.1





#15

Acrylonitrile

Concen: 112.591 ug/l

RT: 5.43 min Scan# 596

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

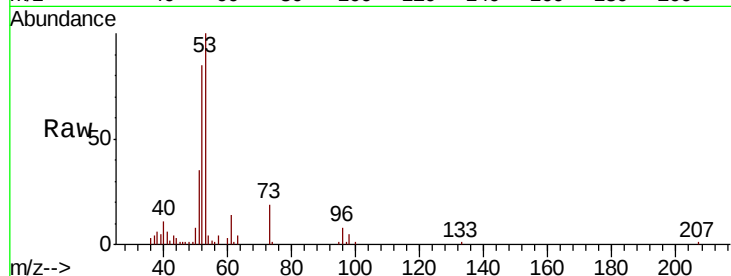
Tot Ion: 53 Resp: 95620

Ion Ratio Lower Upper

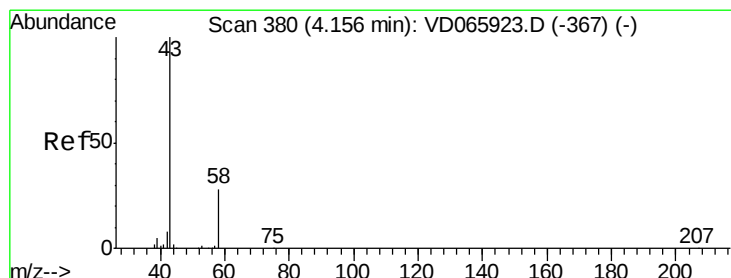
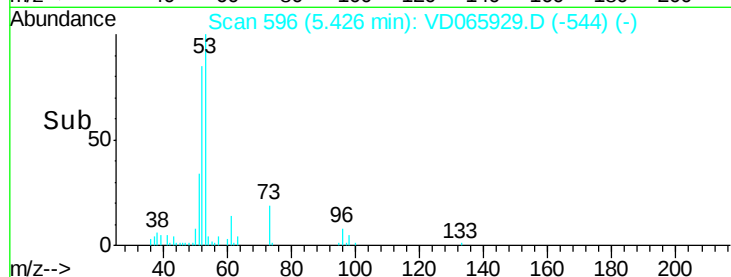
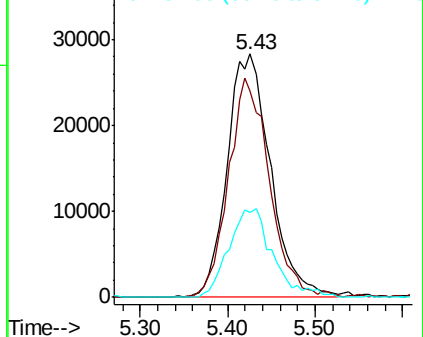
53 100

52 84.5 66.3 99.5

51 36.8 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VDC
Ion 52.00 (51.70 to 52.70): VDC
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 92.794 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065929.D

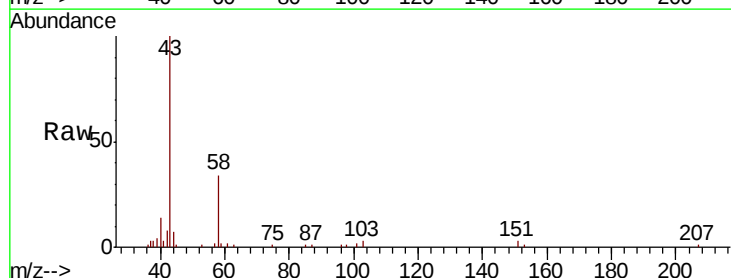
Acq: 07 Jul 2020 19:05

Tgt Ion: 43 Resp: 78572

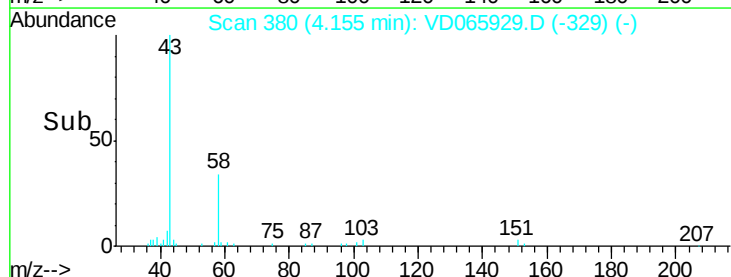
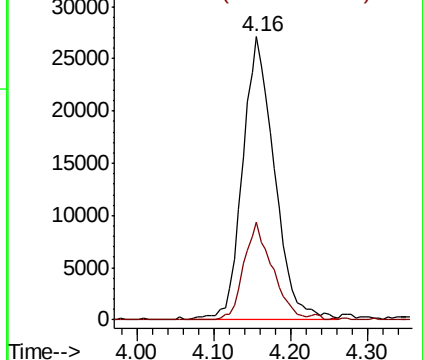
Ion Ratio Lower Upper

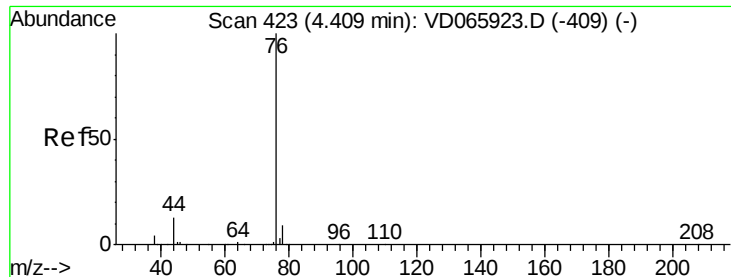
43 100

58 34.5 22.7 34.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

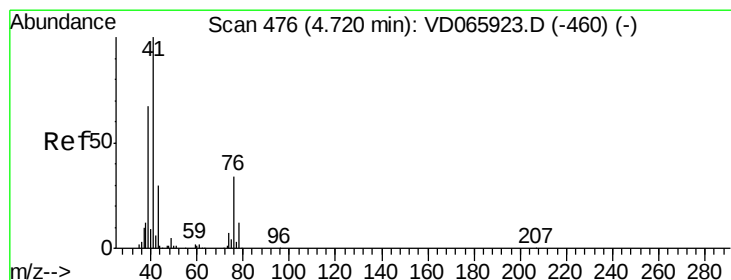
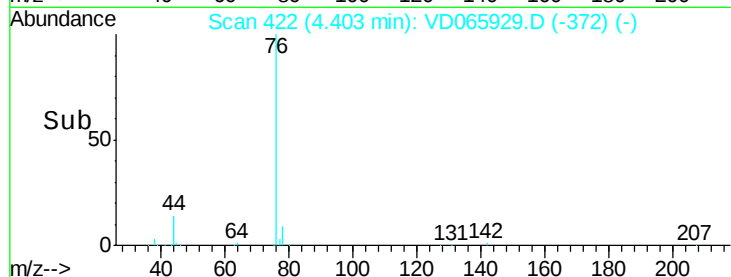
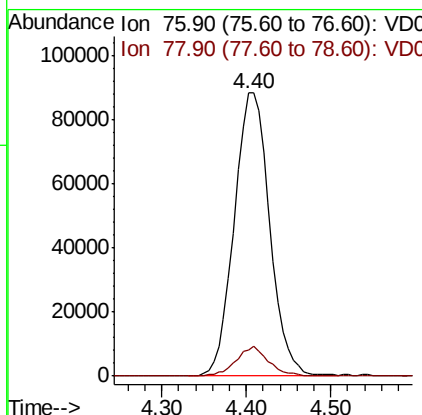
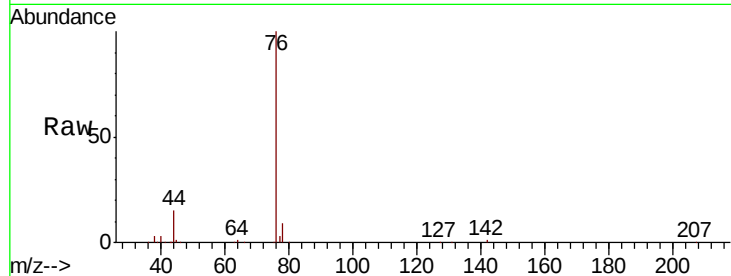




#17
Carbon Disulfide
Concen: 20.410 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

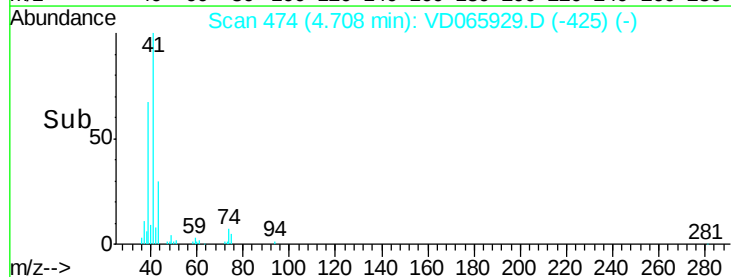
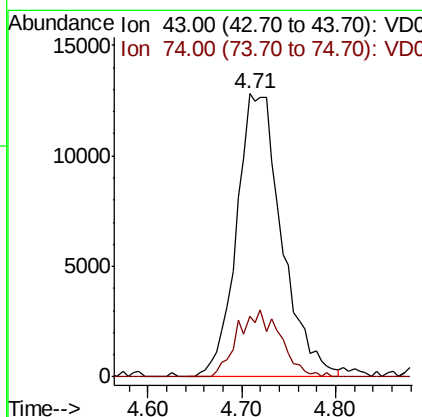
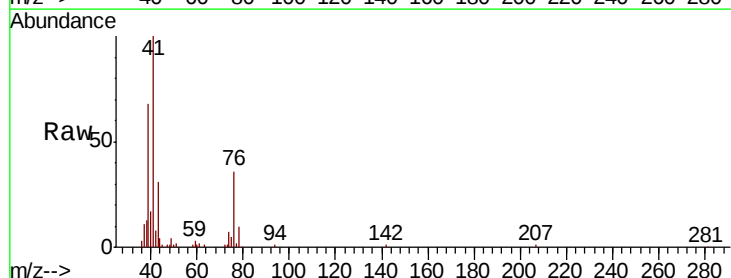
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBSD01

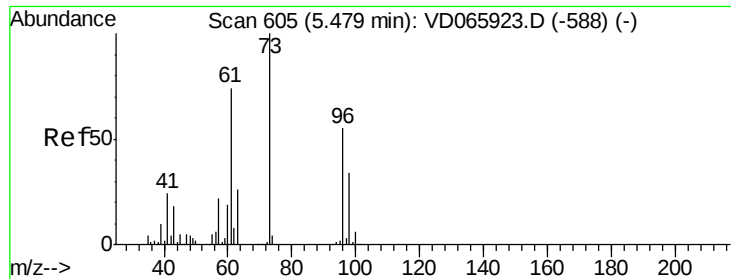
Tot Ion: 76 Resp: 256939
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 21.492 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 43 Resp: 42657
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.8

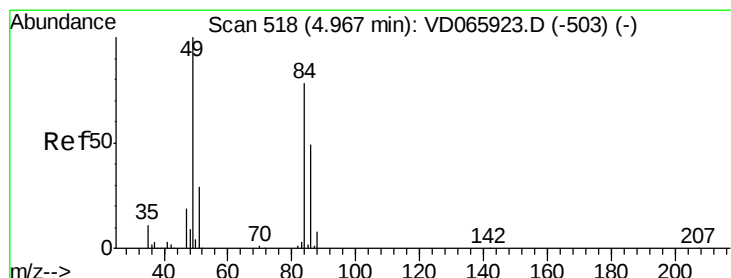
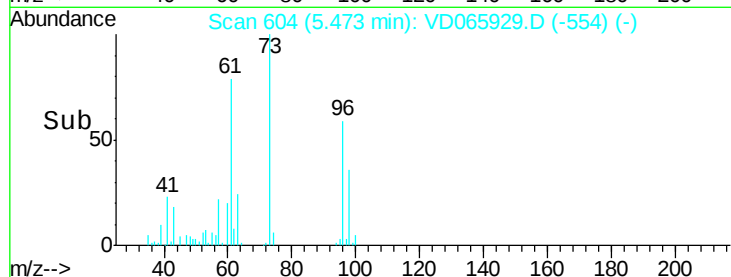
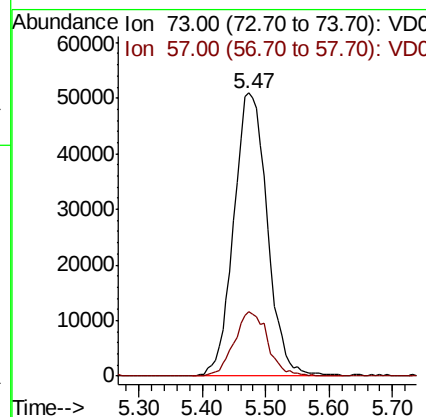
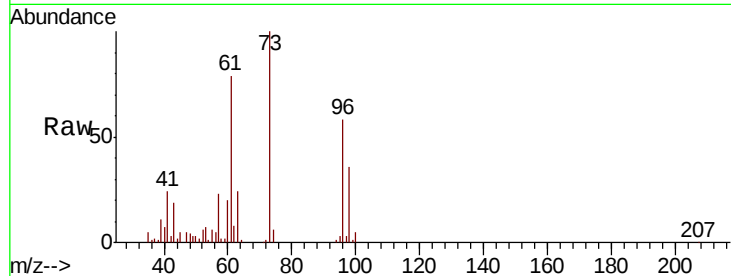




#19
Methyl tert-butyl Ether
Concen: 22.228 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

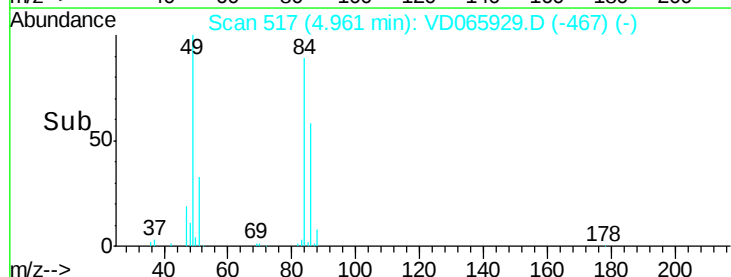
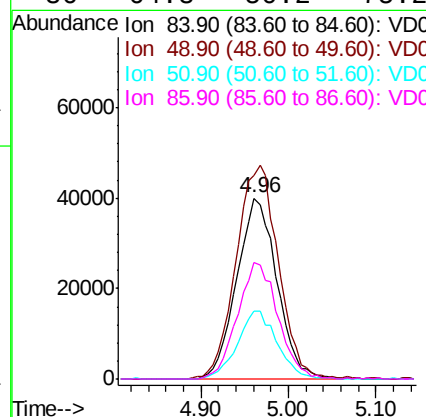
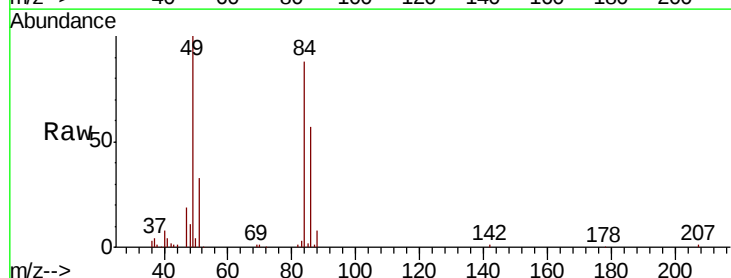
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

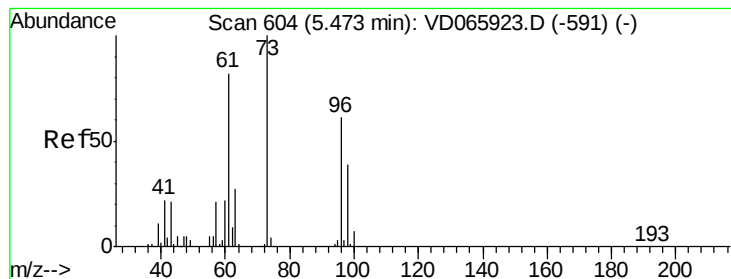
Tot Ion: 73 Resp: 185929
Ion Ratio Lower Upper
73 100
57 22.6 17.7 26.5



#20
Methylene Chloride
Concen: 21.810 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 84 Resp: 124691
Ion Ratio Lower Upper
84 100
49 112.4 102.2 153.2
51 37.4 29.8 44.6
86 64.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.830 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

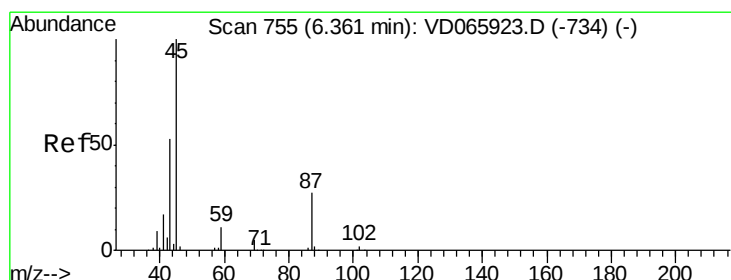
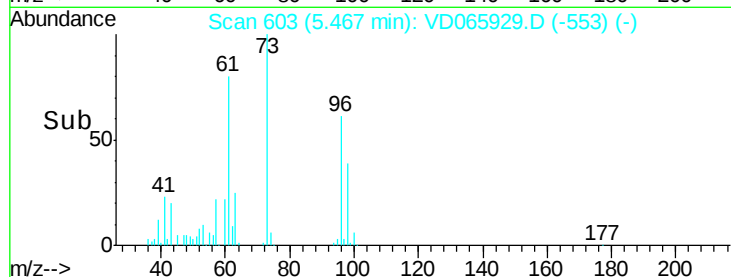
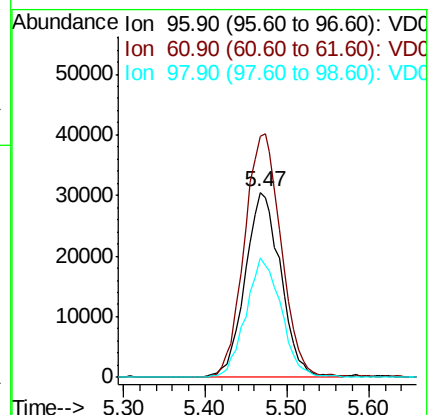
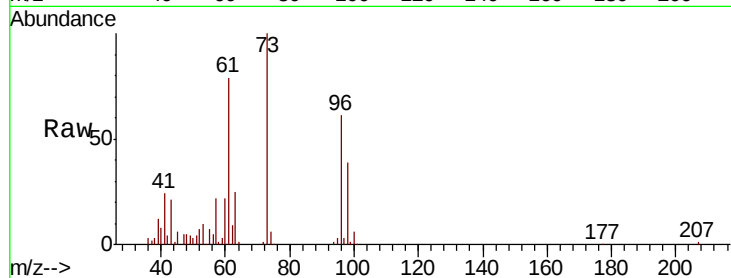
Tot Ion: 96 Resp: 92597

Ion Ratio Lower Upper

96 100

61 130.4 106.6 160.0

98 64.5 51.0 76.6



#22

Diisopropyl ether

Concen: 21.840 ug/l

RT: 6.37 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Tgt Ion: 45 Resp: 274804

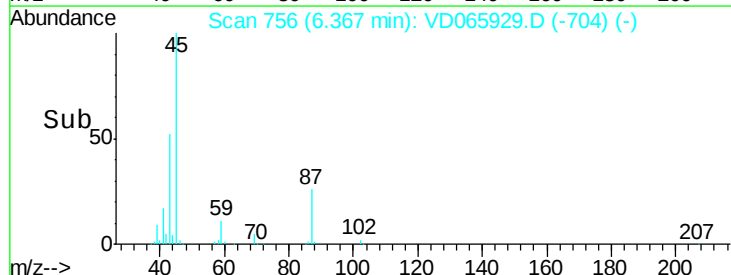
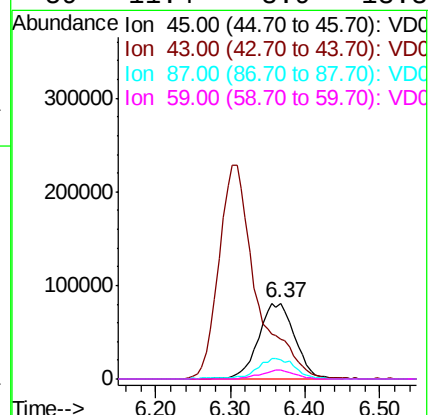
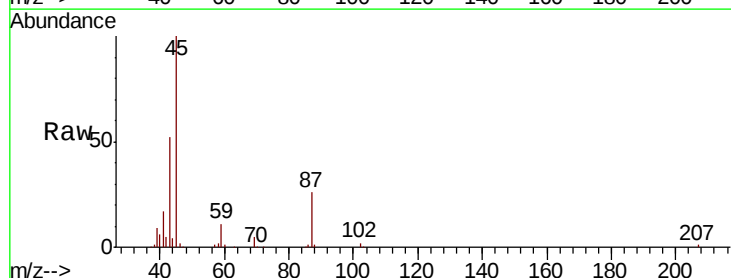
Ion Ratio Lower Upper

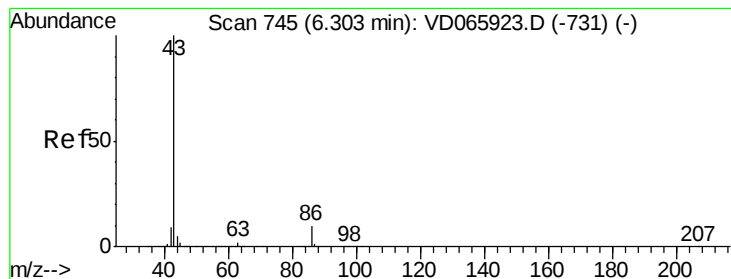
45 100

43 50.9 42.5 63.7

87 25.3 22.2 33.2

59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 110.445 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

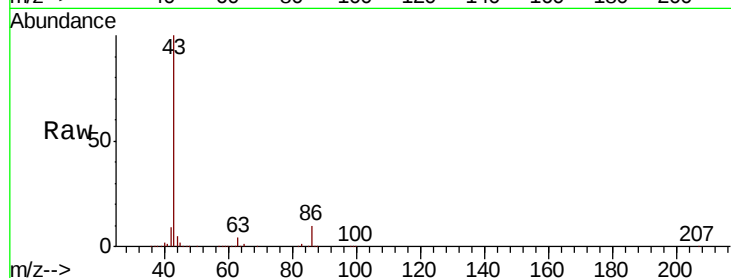
VD0707SBS01

Tot Ion: 43 Resp: 793244

Ion Ratio Lower Upper

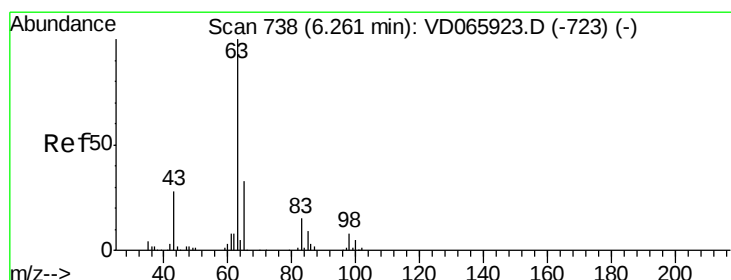
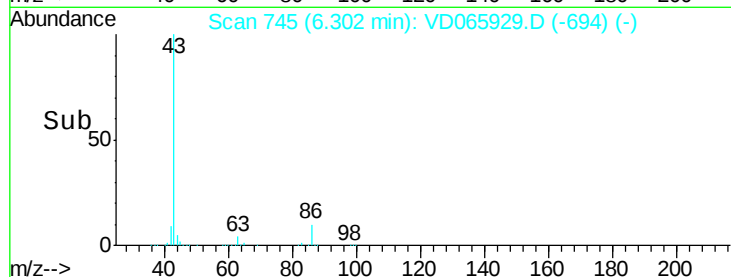
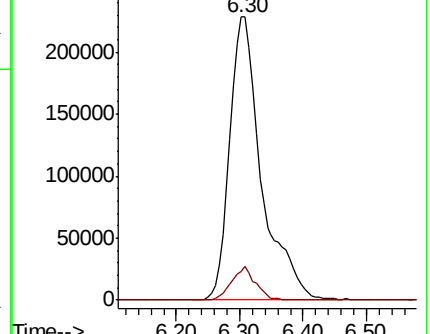
43 100

86 10.2 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 21.083 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

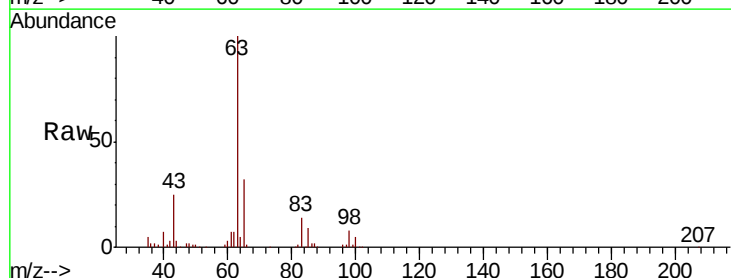
Tgt Ion: 63 Resp: 158184

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

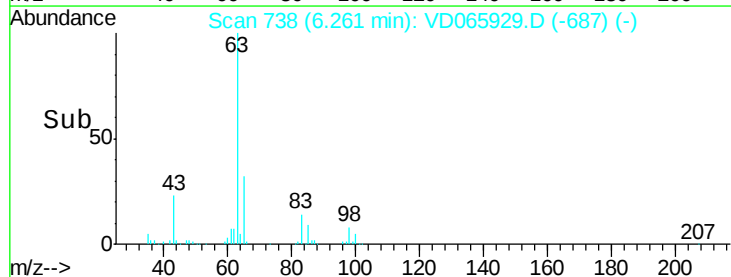
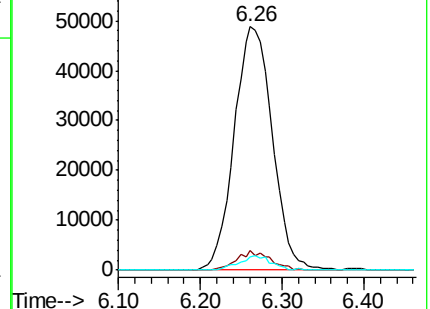
100 5.5 2.5 7.5

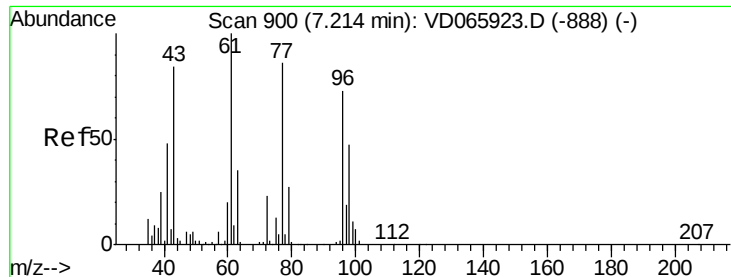


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

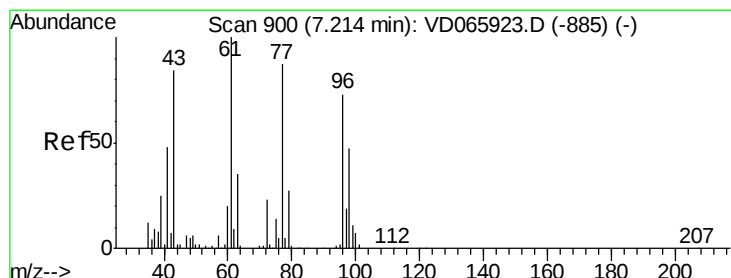
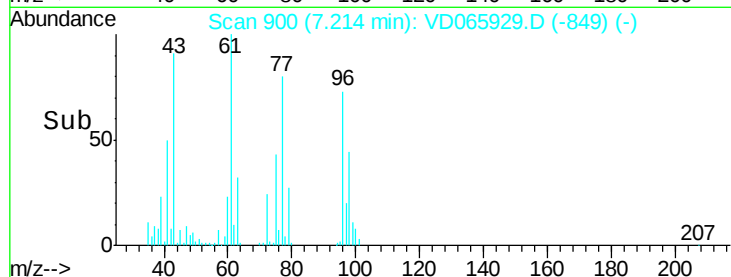
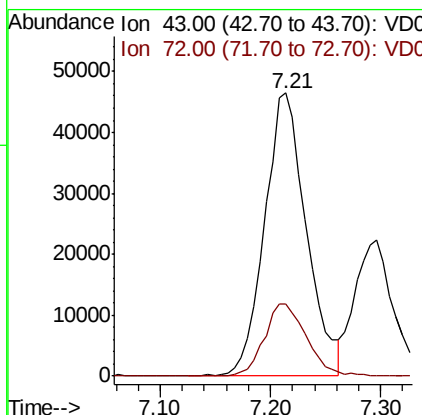
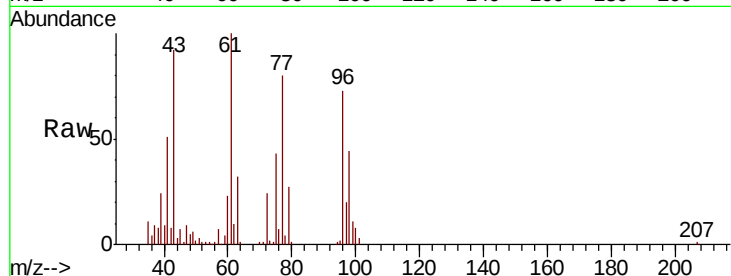




#25
2-Butanone
Concen: 109.521 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

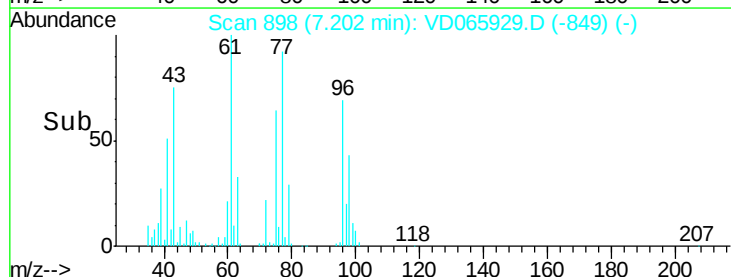
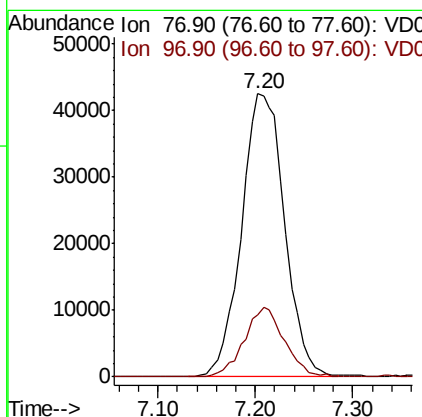
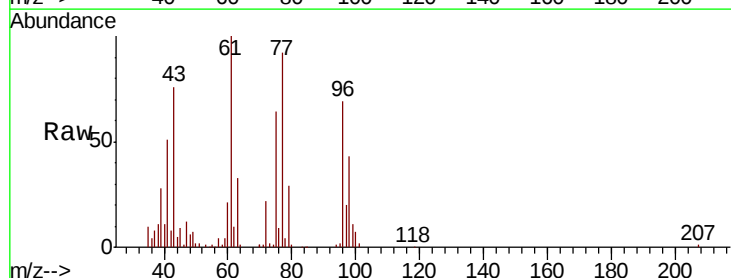
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

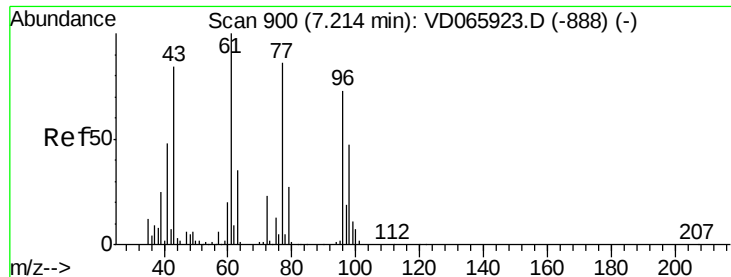
Tot Ion: 43 Resp: 122541
Ion Ratio Lower Upper
43 100
72 25.7 22.1 33.1



#26
2,2-Dichloropropane
Concen: 19.981 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 77 Resp: 131150
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8



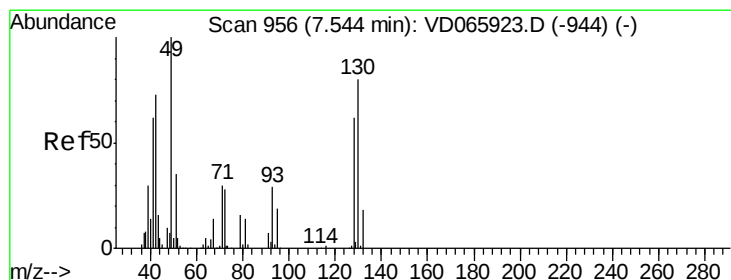
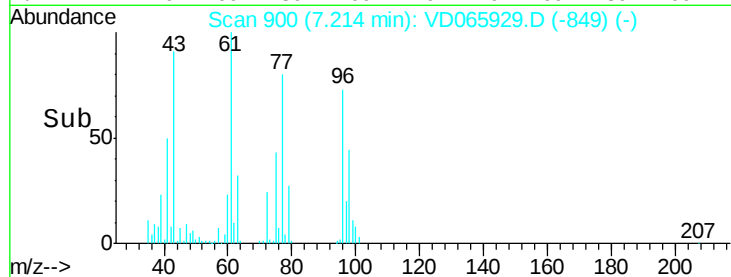
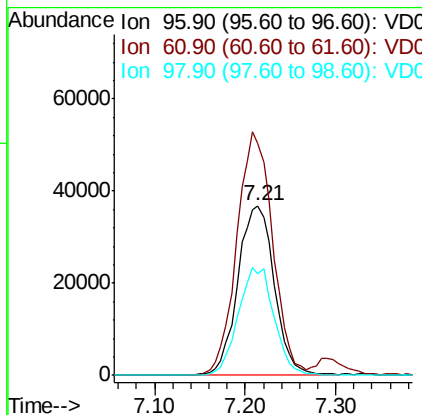
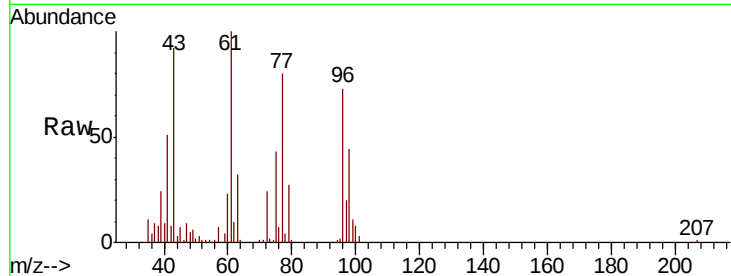


#27

cis-1,2-Dichloroethene
Concen: 21.531 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

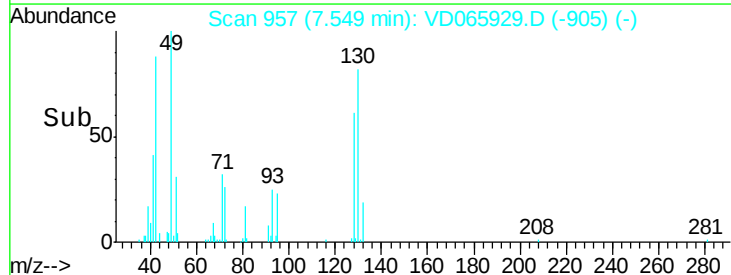
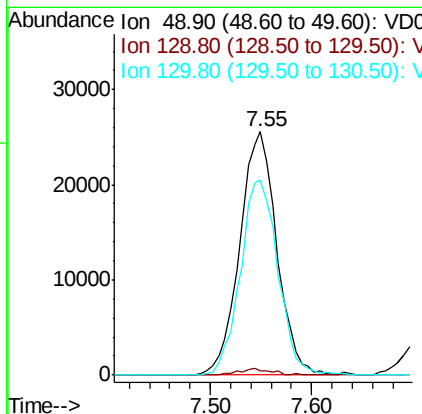
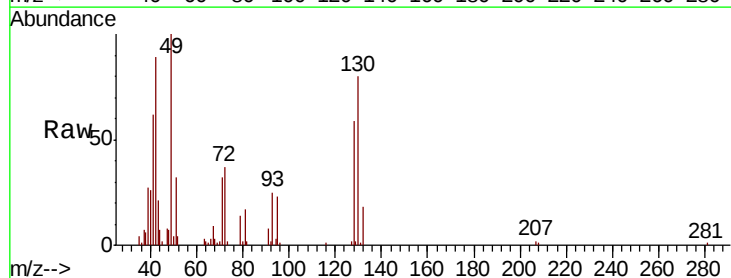
Tot Ion	96	Resp	102836
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	286.6
98	62.7	0.0	128.2

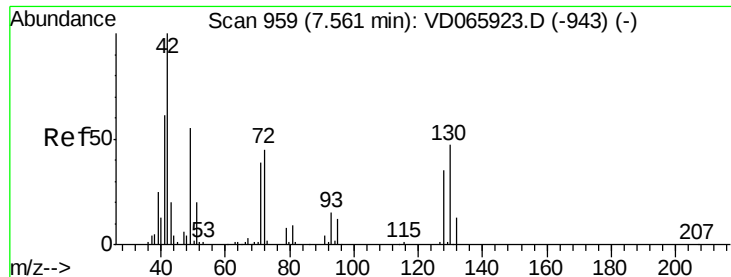


#28

Bromochloromethane
Concen: 22.831 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion	49	Resp	64712
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	81.4	65.8	98.8

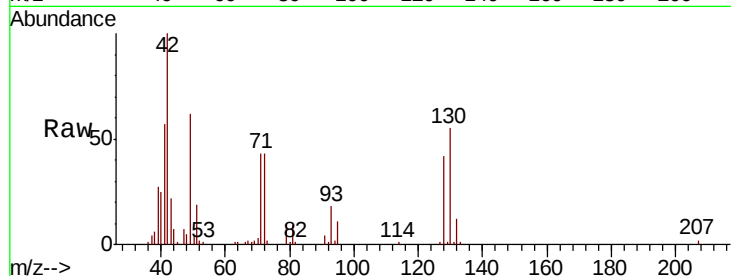




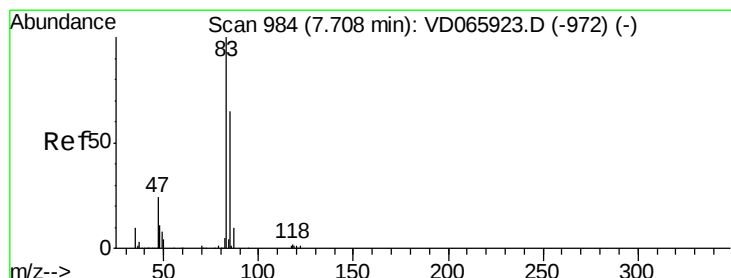
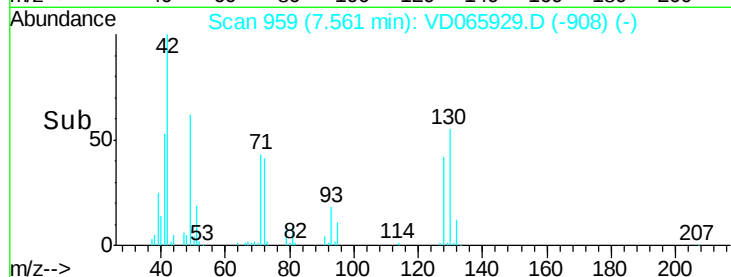
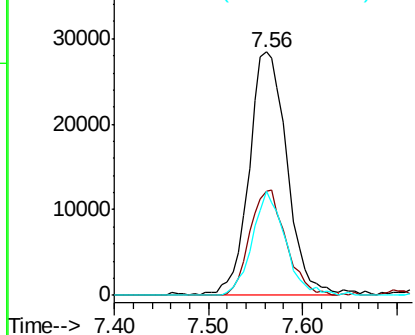
#29
Tetrahydrofuran
Concen: 111.283 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion: 42 Resp: 79175
Ion Ratio Lower Upper
42 100
72 41.1 32.8 49.2
71 37.3 31.0 46.4

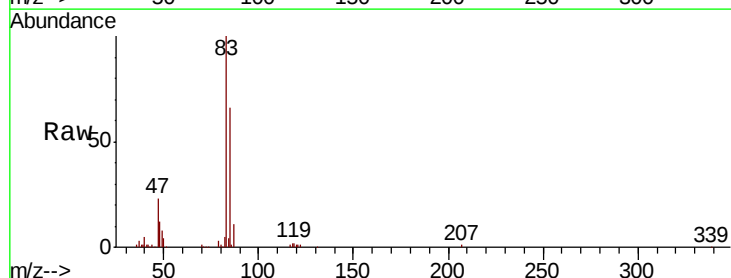


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

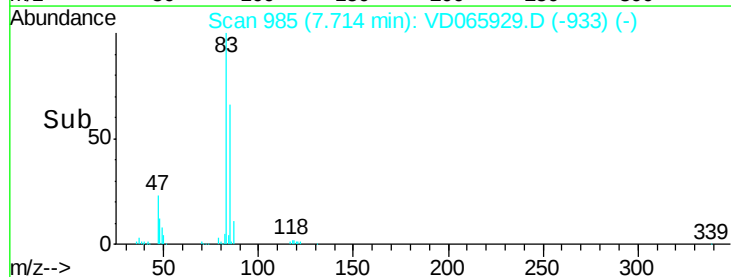
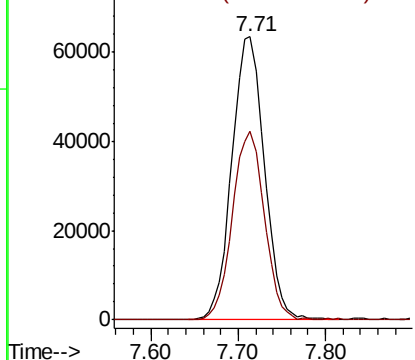


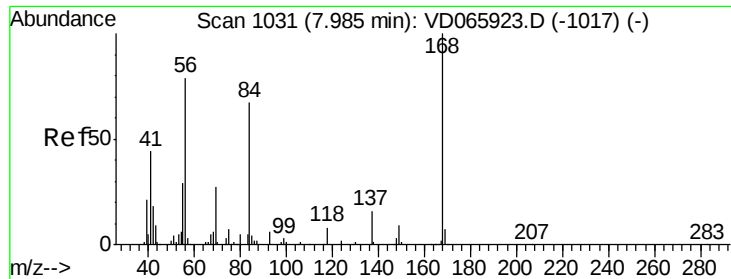
#30
Chloroform
Concen: 21.031 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 83 Resp: 159969
Ion Ratio Lower Upper
83 100
85 66.5 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC

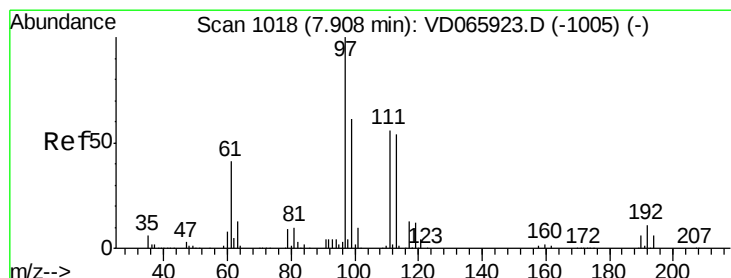
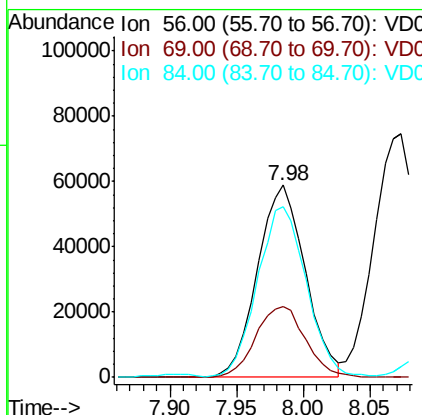
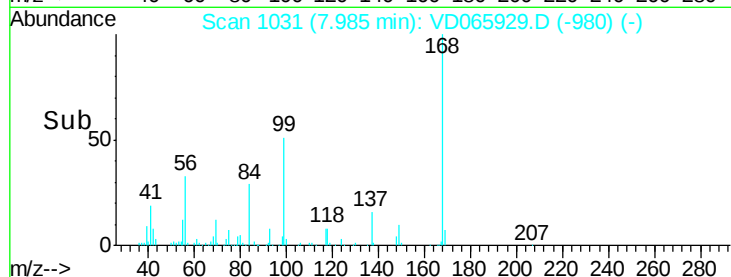
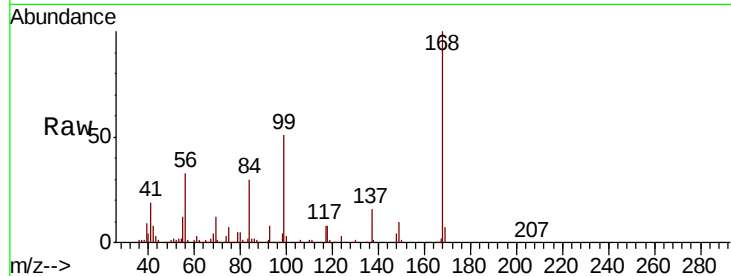




#31
Cyclohexane
Concen: 19.831 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

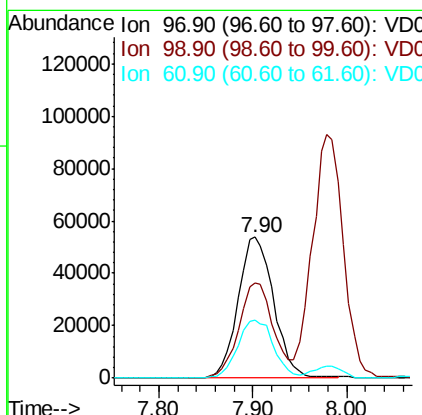
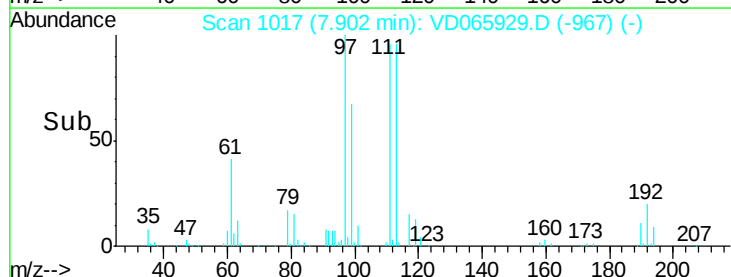
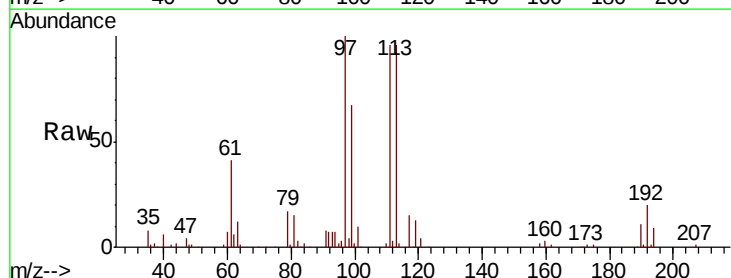
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

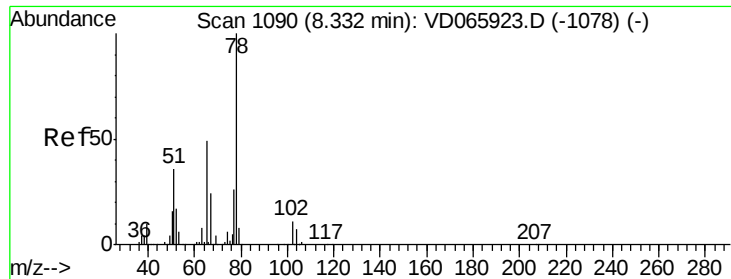
Tot Ion: 56 Resp: 146400
Ion Ratio Lower Upper
56 100
69 37.2 27.4 41.0
84 87.4 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 20.419 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 97 Resp: 141741
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 41.5 33.6 50.4

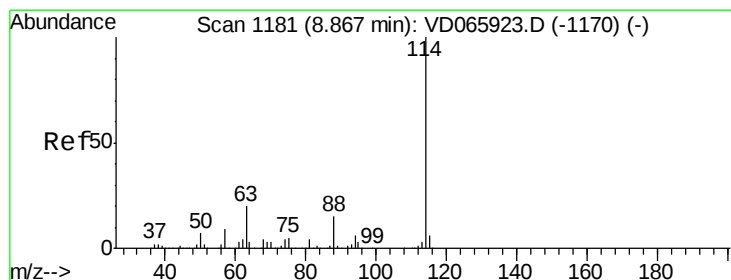
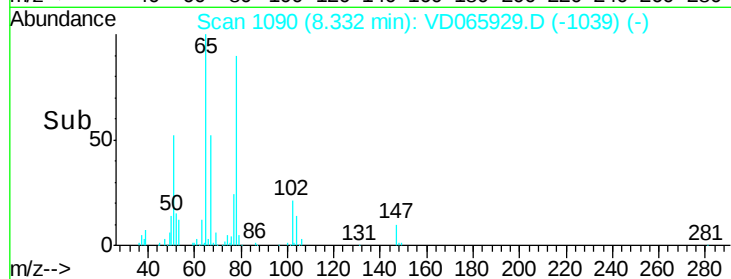
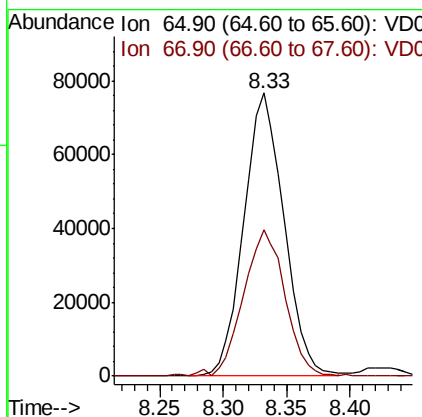
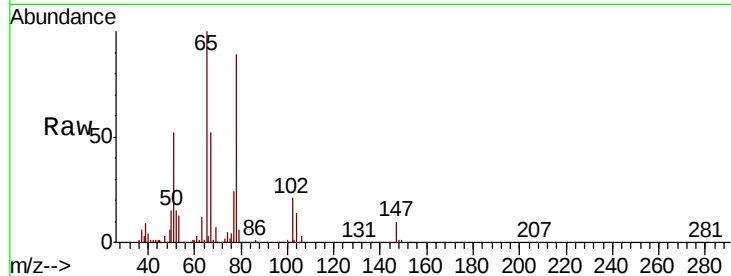




#33
 1,2-Dichloroethane-d4
 Concen: 46.718 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

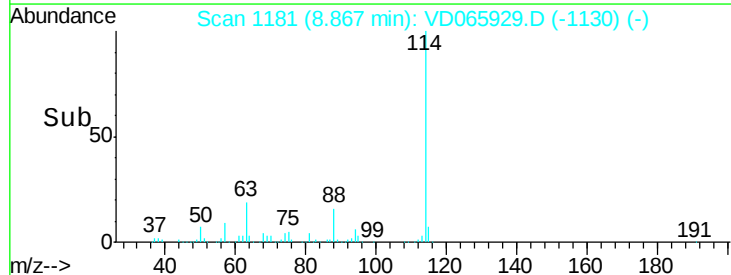
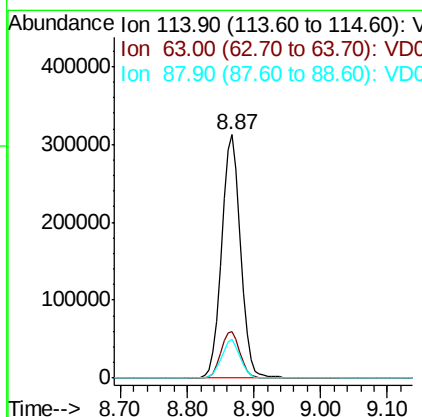
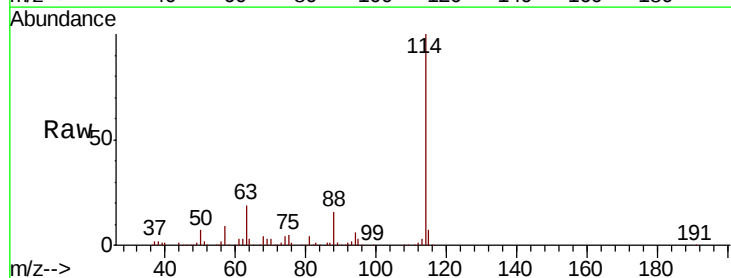
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

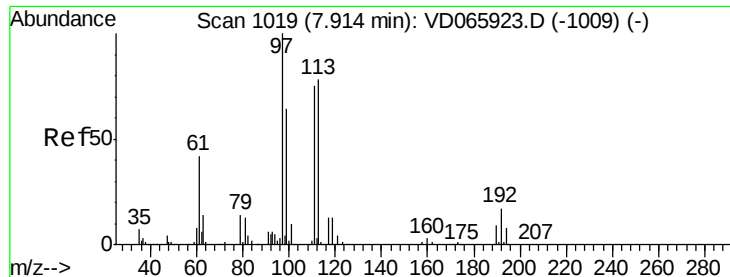
Tot Ion: 65 Resp: 168792
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion:114 Resp: 629254
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 16.0 0.0 30.0

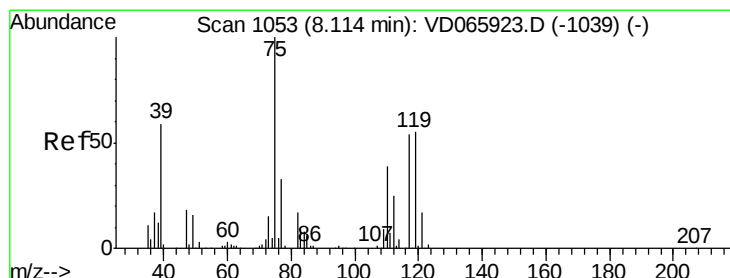
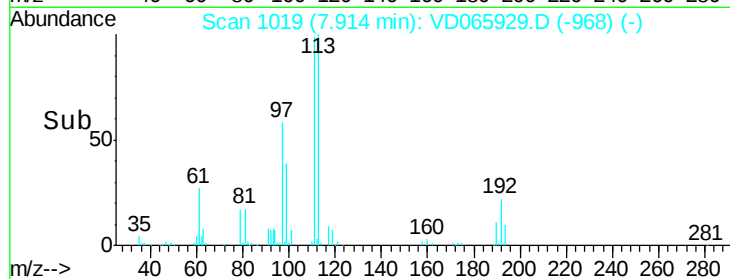
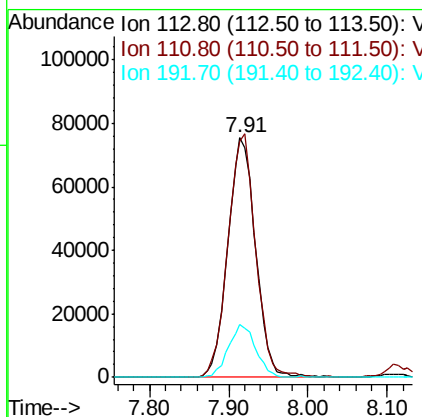
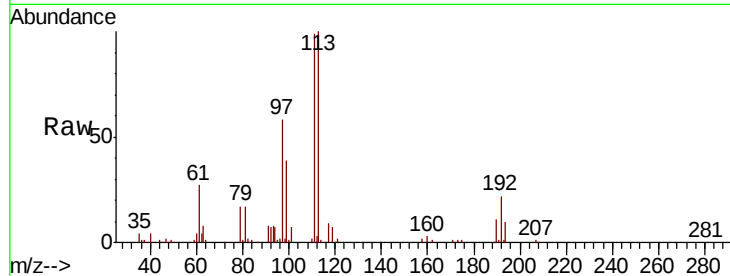




#35
 Dibromofluoromethane
 Concen: 47.076 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

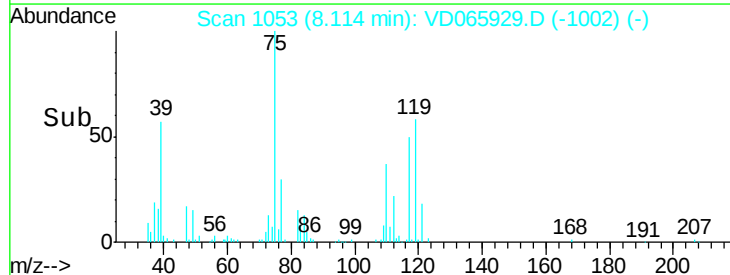
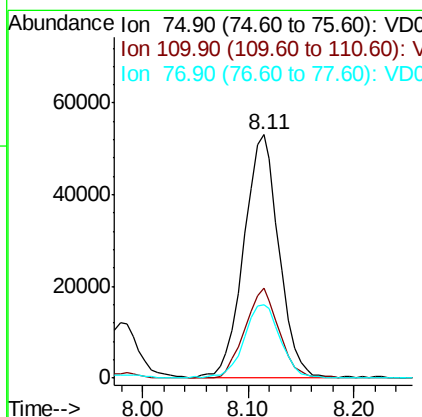
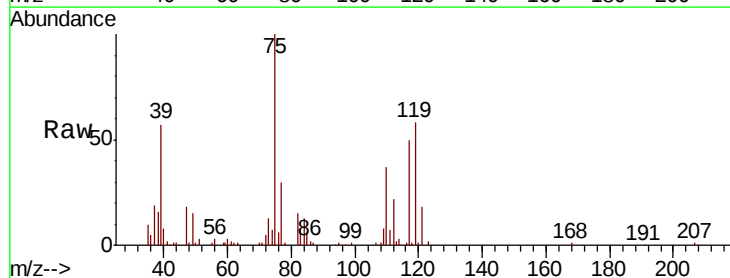
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBSD01

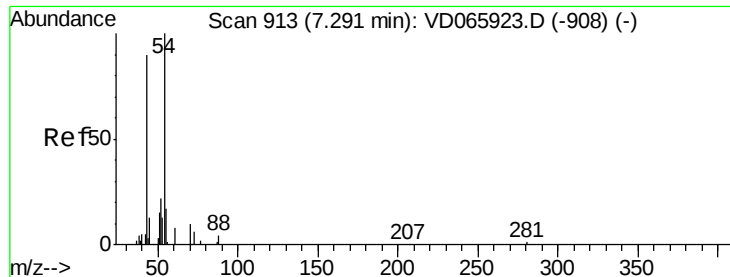
Tot Ion:113 Resp: 182739
 Ion Ratio Lower Upper
 113 100
 111 101.1 80.9 121.3
 192 21.6 17.1 25.7



#36
 1,1-Dichloropropene
 Concen: 19.684 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion: 75 Resp: 122329
 Ion Ratio Lower Upper
 75 100
 110 35.9 18.5 55.5
 77 31.4 25.6 38.4





#37

Ethyl Acetate

Concen: 21.086 ug/l

RT: 7.30 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

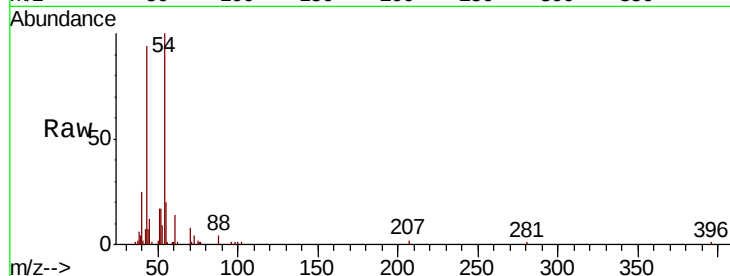
Tot Ion: 43 Resp: 54907

Ion Ratio Lower Upper

43 100

61 13.9 9.4 14.0

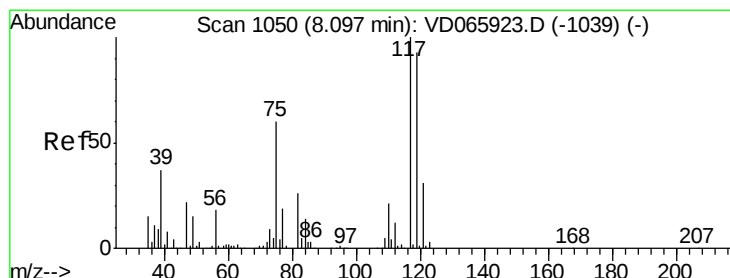
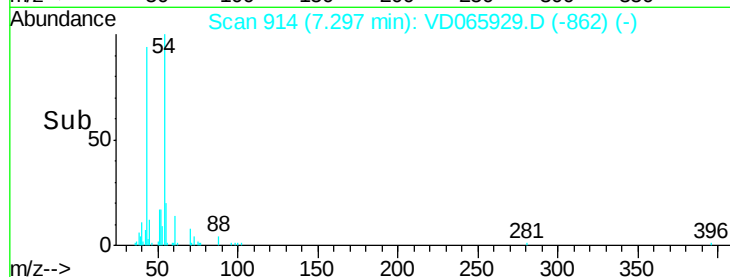
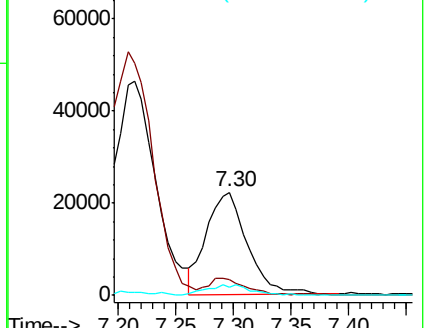
70 10.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 19.432 ug/l

RT: 8.10 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

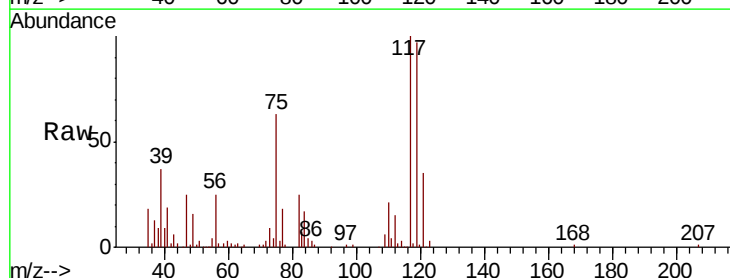
Tgt Ion: 117 Resp: 129442

Ion Ratio Lower Upper

117 100

119 97.3 74.7 112.1

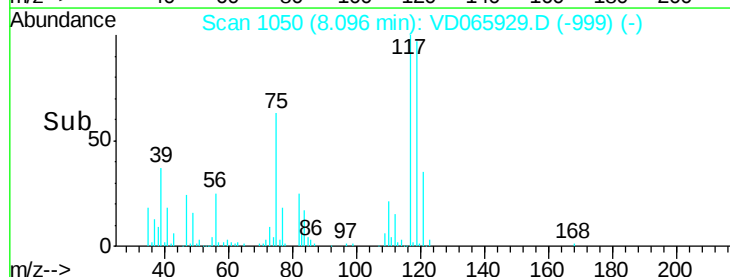
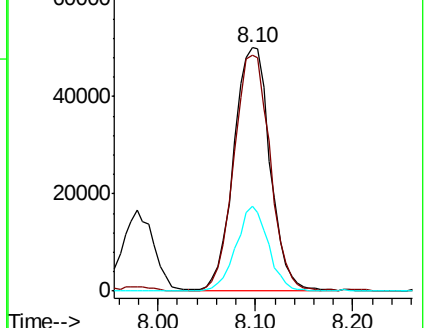
121 35.0 24.9 37.3

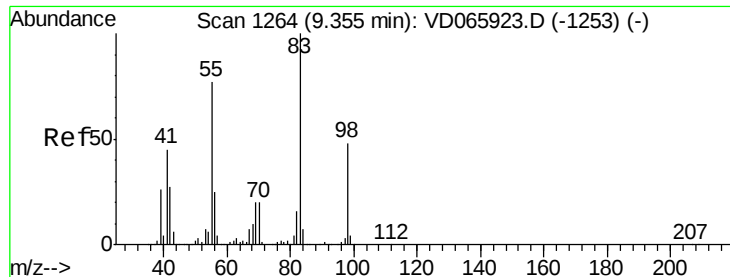


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

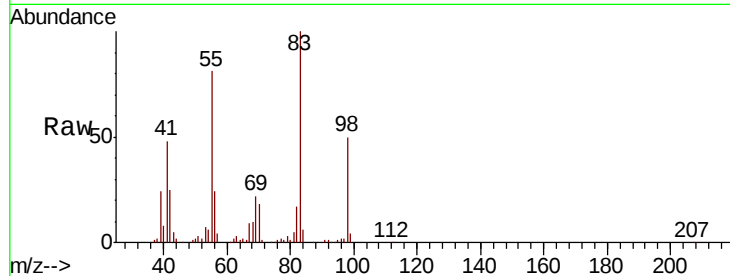




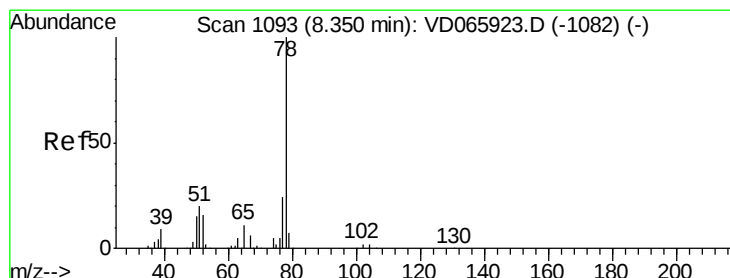
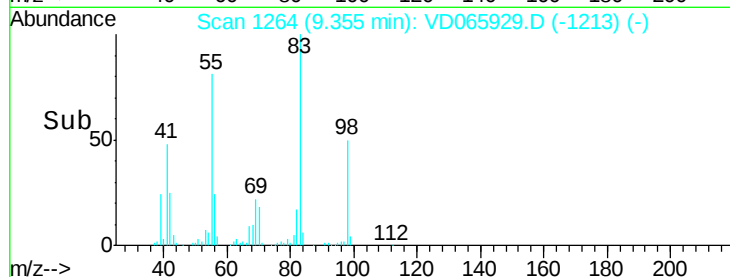
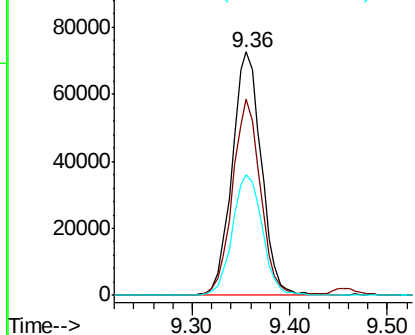
#39
Methvlcvclohexane
Concen: 19.842 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion: 83 Resp: 151397
Ion Ratio Lower Upper
83 100
55 80.6 61.7 92.5
98 49.6 38.6 58.0

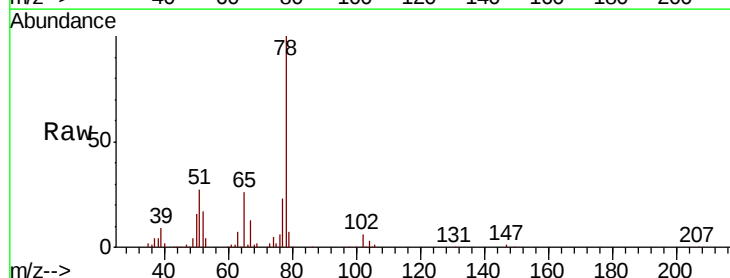


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

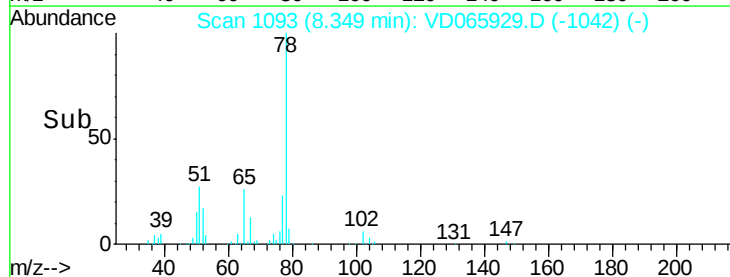
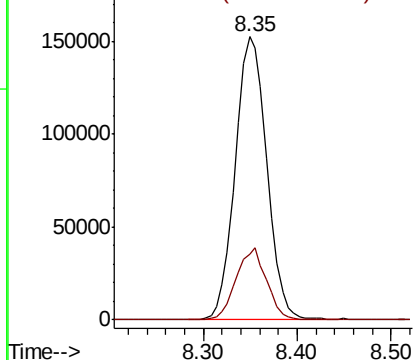


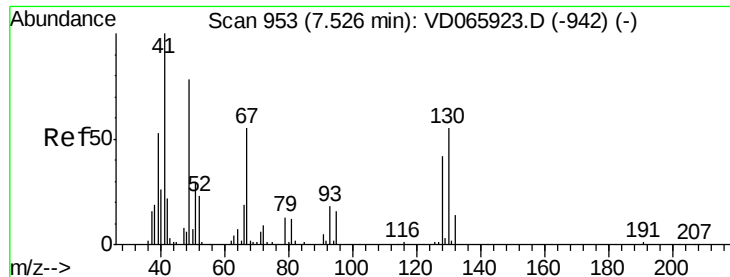
#40
Benzene
Concen: 20.694 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 78 Resp: 355293
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC

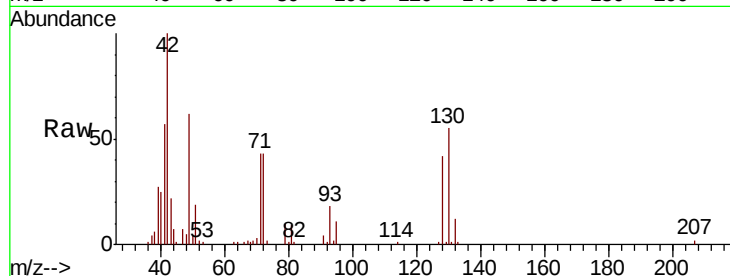




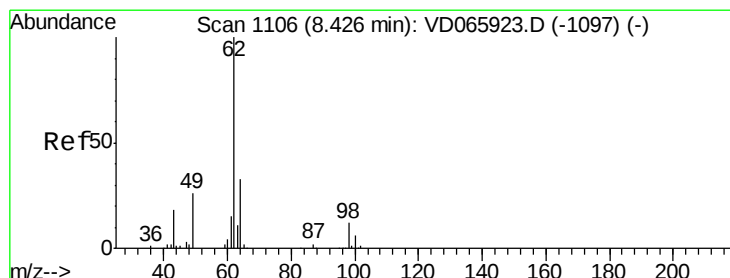
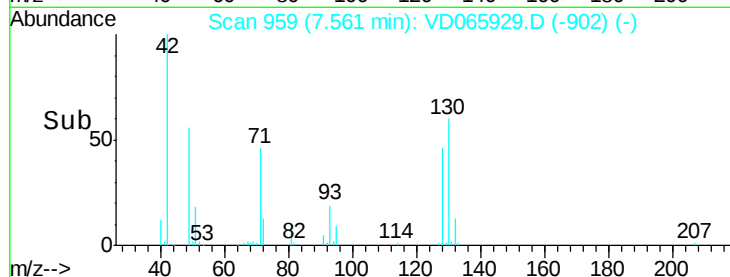
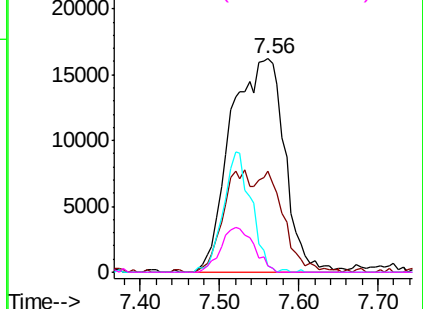
#41
Methacrylonitrile
Concen: 50.634 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.04 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBSD01

Tot Ion: 41 Resp: 76551
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 0.0 53.6 80.4#
52 0.0 22.2 33.2#

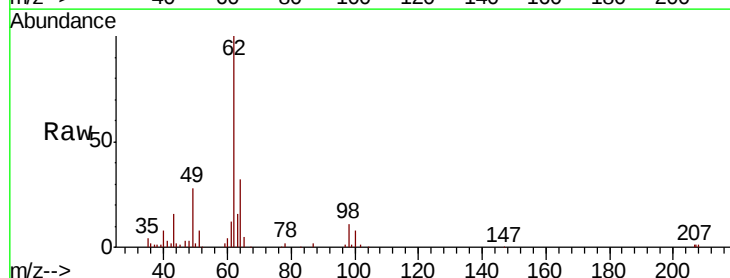


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

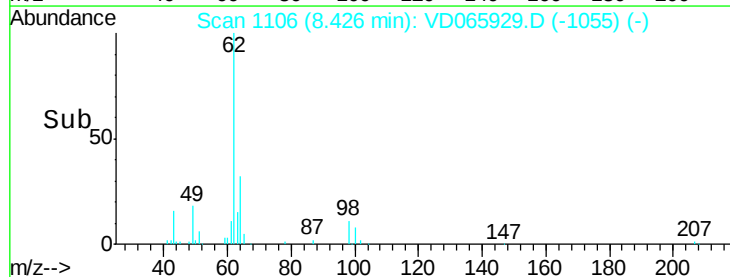
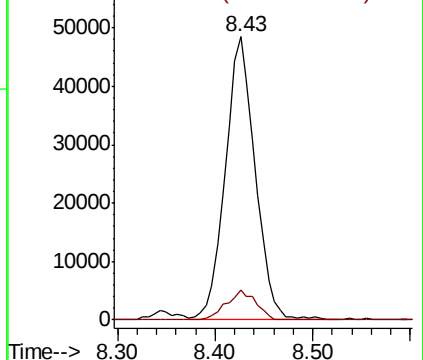


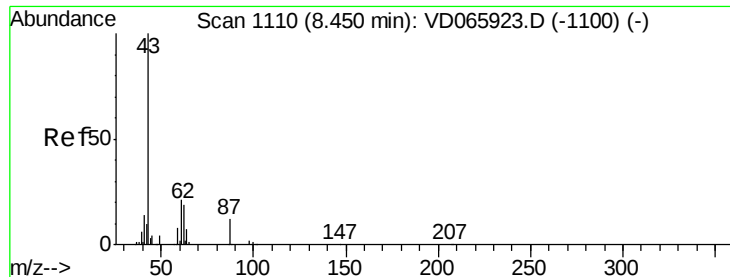
#42
1,2-Dichloroethane
Concen: 21.111 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 62 Resp: 102684
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 21.923 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

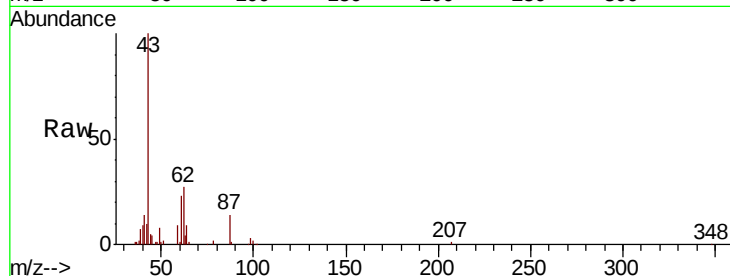
Tot Ion: 43 Resp: 106260

Ion Ratio Lower Upper

43 100

61 29.4 23.2 34.8

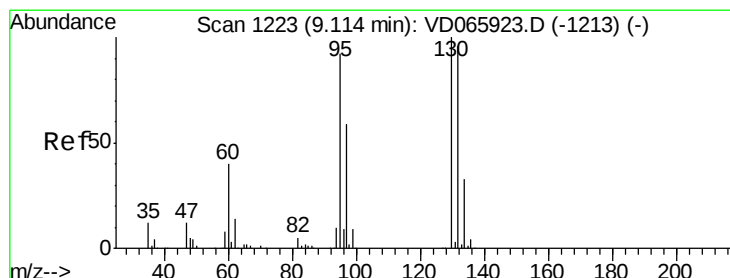
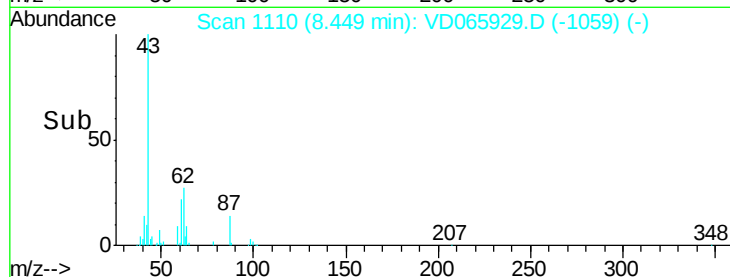
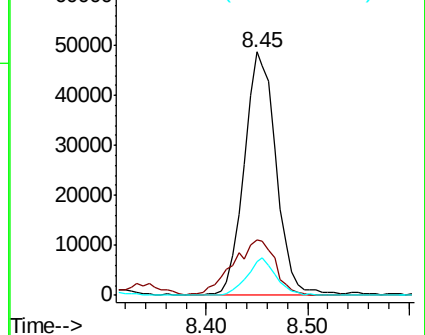
87 13.9 10.0 15.0



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 20.616 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065929.D

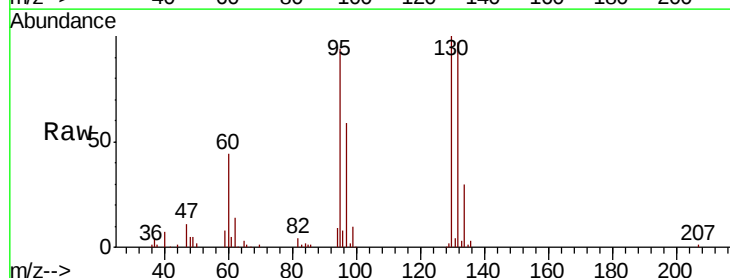
Acq: 07 Jul 2020 19:05

Tgt Ion:130 Resp: 104000

Ion Ratio Lower Upper

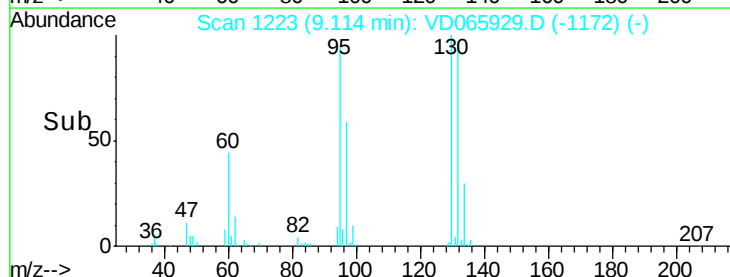
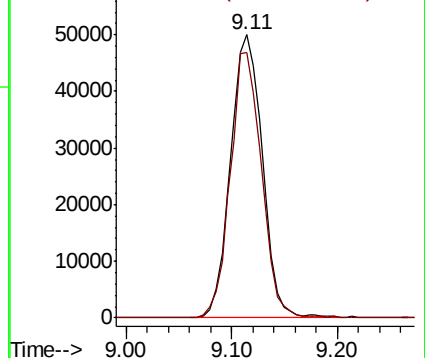
130 100

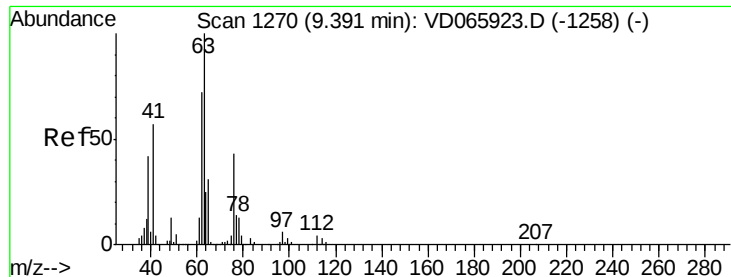
95 94.0 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.443 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

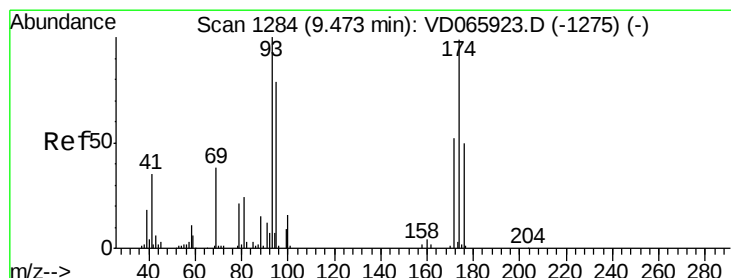
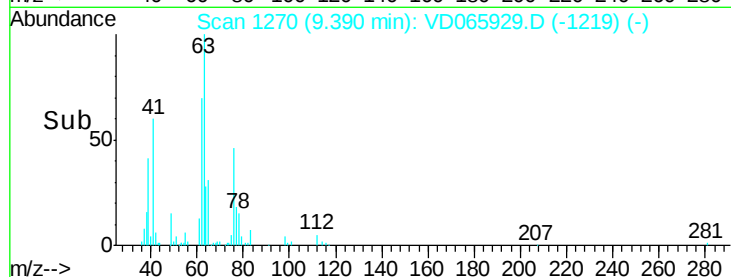
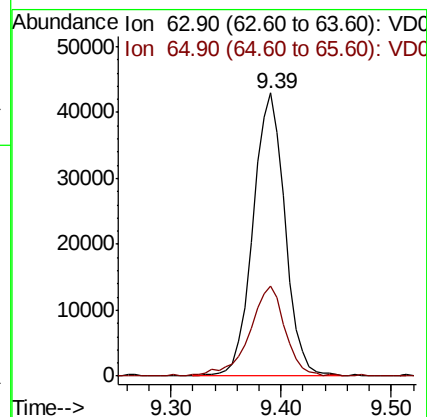
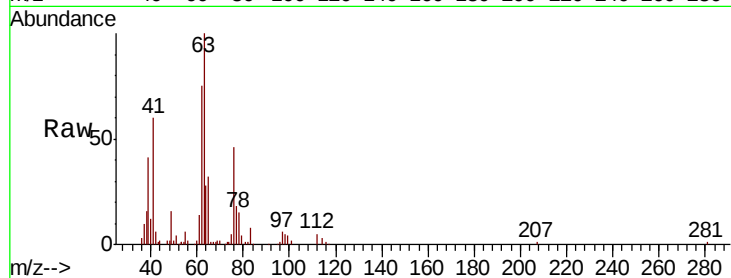
VD0707SBS01

Tot Ion: 63 Resp: 87116

Ion Ratio Lower Upper

63 100

65 31.9 25.0 37.6



#46

Dibromomethane

Concen: 21.418 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

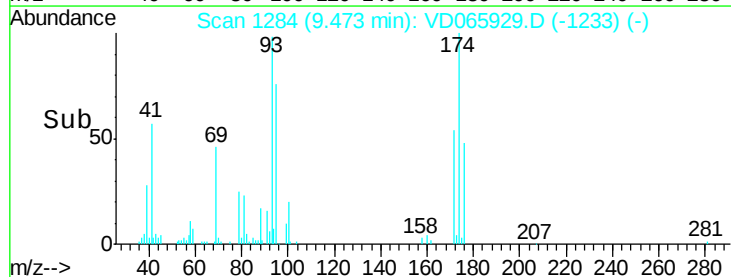
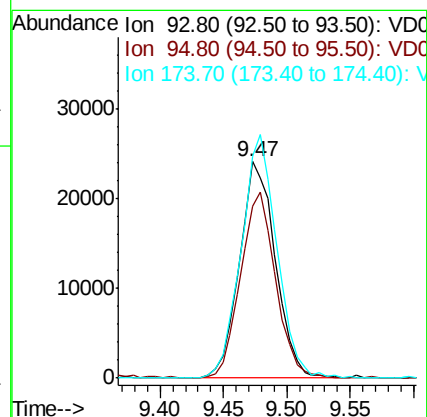
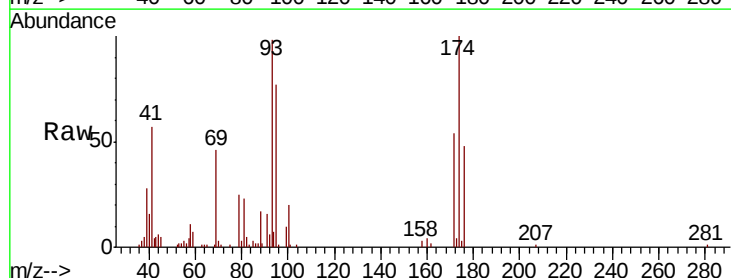
Tgt Ion: 93 Resp: 47518

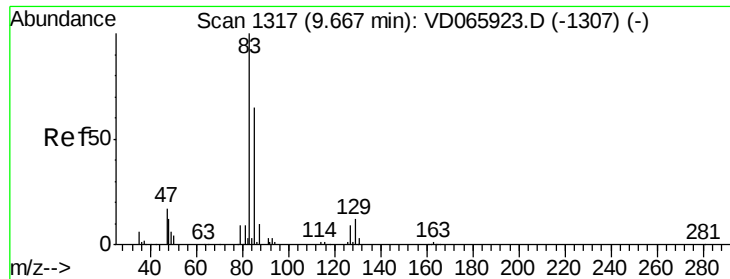
Ion Ratio Lower Upper

93 100

95 83.7 68.2 102.2

174 111.9 88.0 132.0

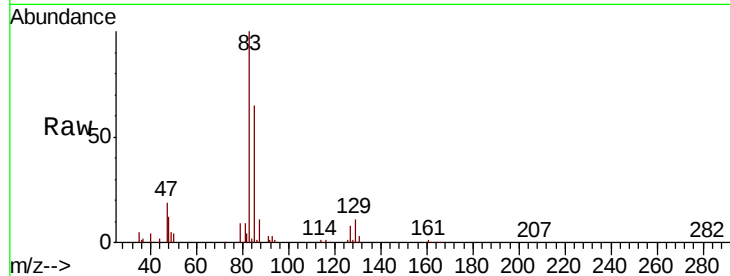




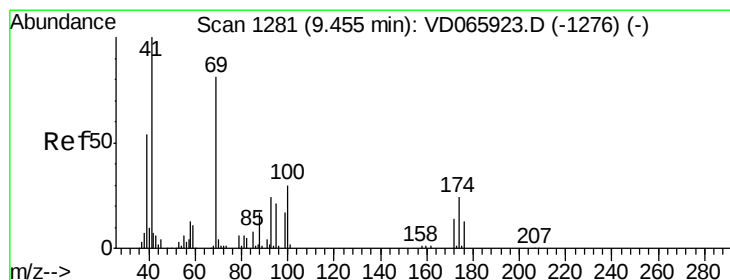
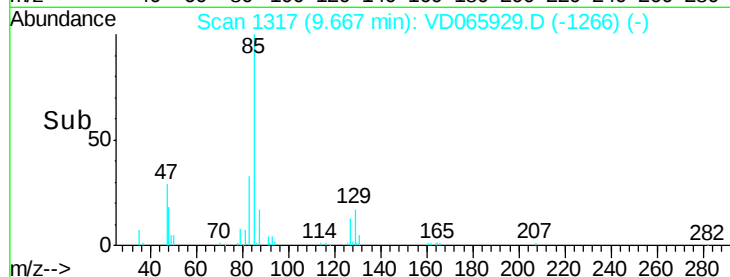
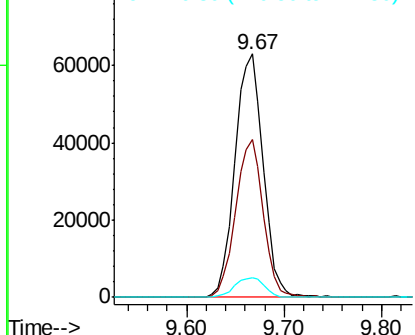
#47
Bromodichloromethane
Concen: 21.321 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion: 83 Resp: 126884
Ion Ratio Lower Upper
83 100
85 64.6 51.6 77.4
127 8.2 7.2 10.8

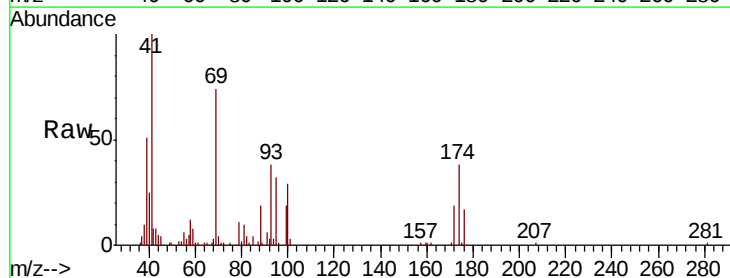


Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC

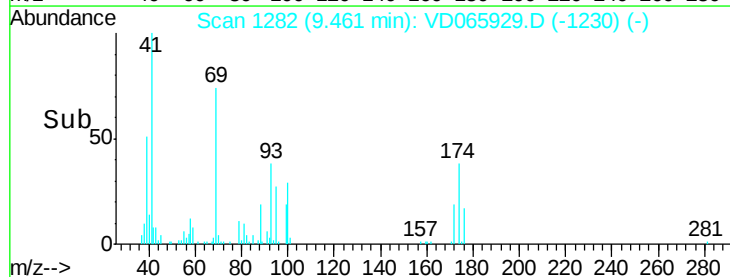
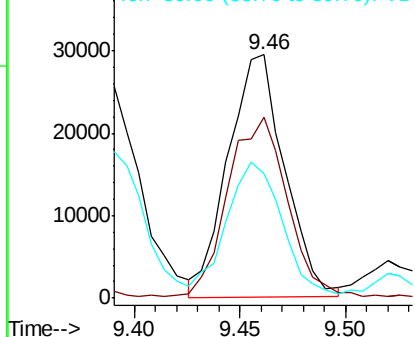


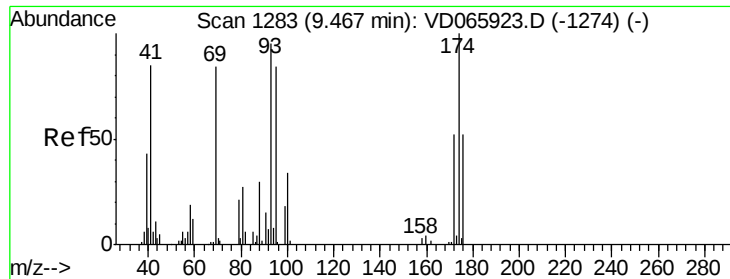
#48
Methyl methacrylate
Concen: 22.402 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 41 Resp: 54663
Ion Ratio Lower Upper
41 100
69 80.1 62.2 93.4
39 52.0 39.9 59.9



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 451.313 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

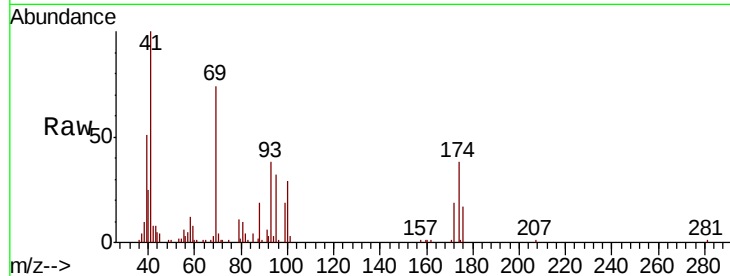
Tot Ion: 88 Resp: 11897

Ion Ratio Lower Upper

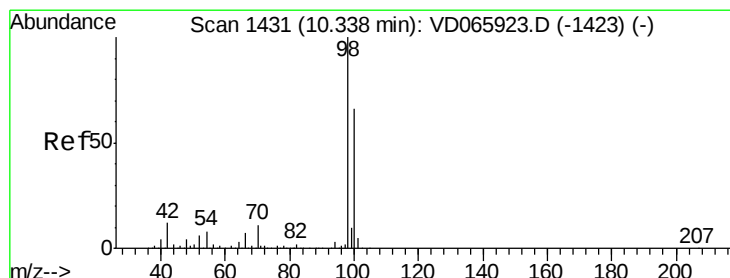
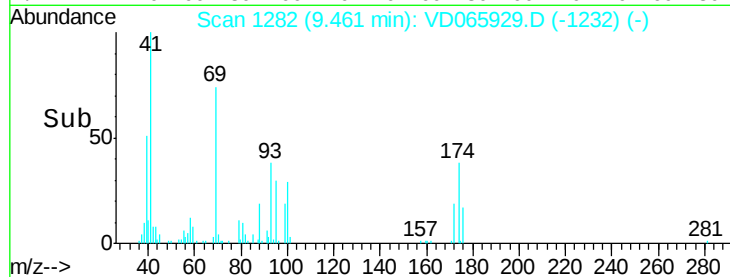
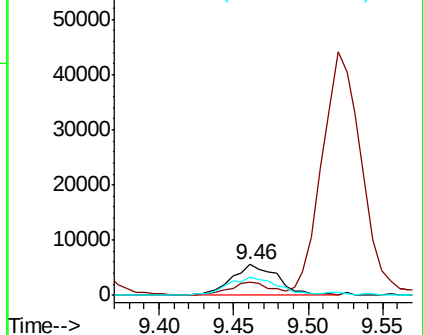
88 100

43 39.3 28.2 42.4

58 64.4 58.6 87.8



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 45.833 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD065929.D

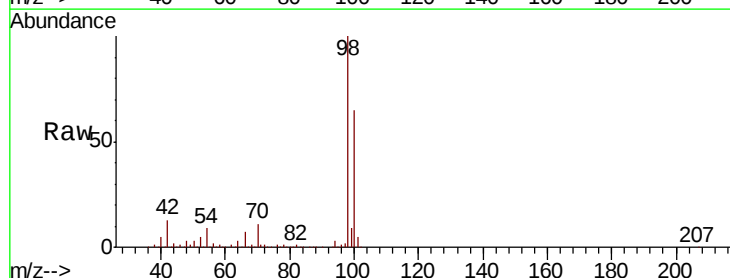
Acq: 07 Jul 2020 19:05

Tgt Ion: 98 Resp: 649141

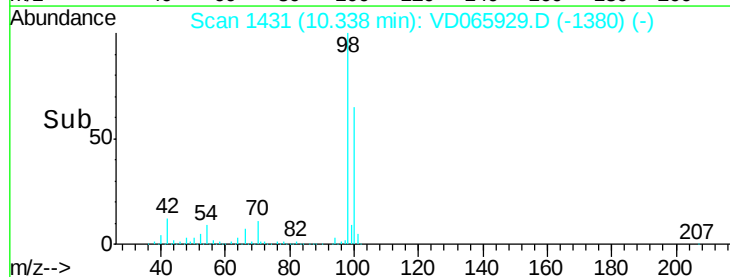
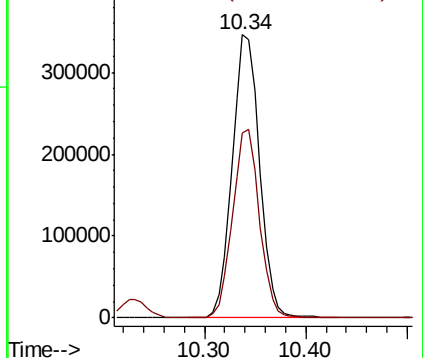
Ion Ratio Lower Upper

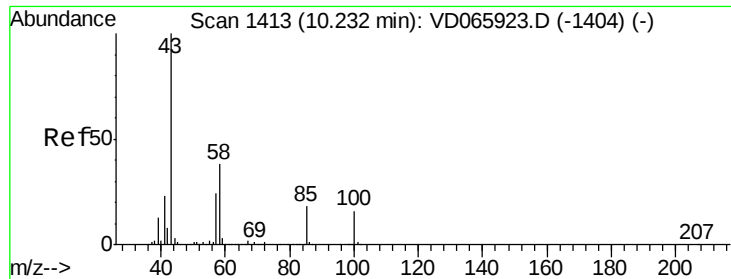
98 100

100 65.6 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC
Ion 100.00 (99.70 to 100.70): VDC

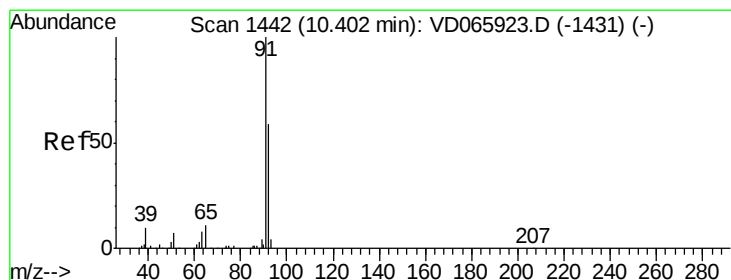
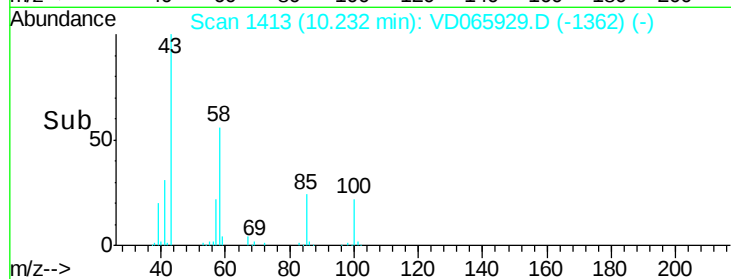
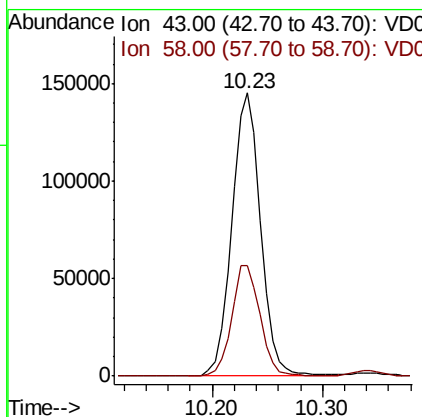
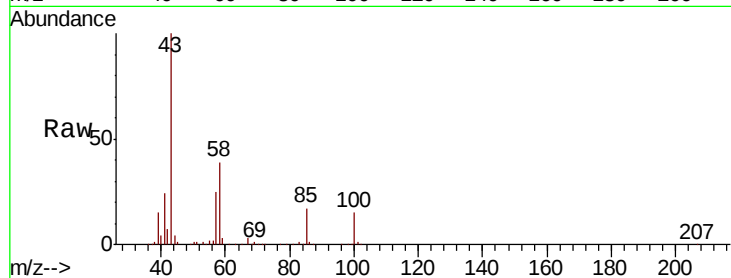




#51
4-Methyl-2-Pentanone
Concen: 108.141 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

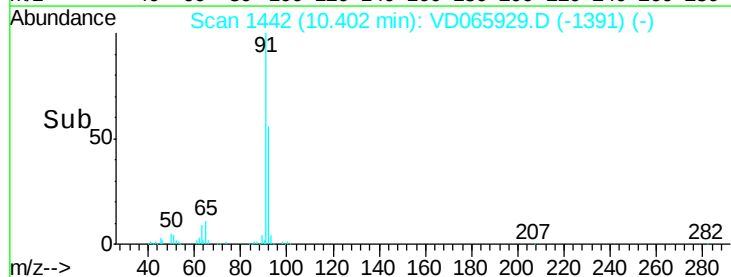
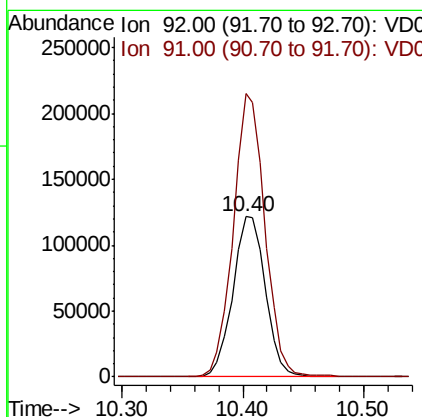
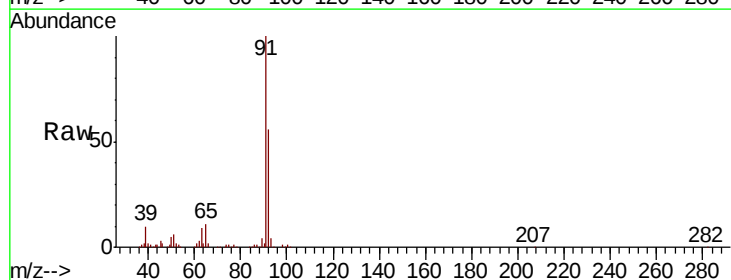
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

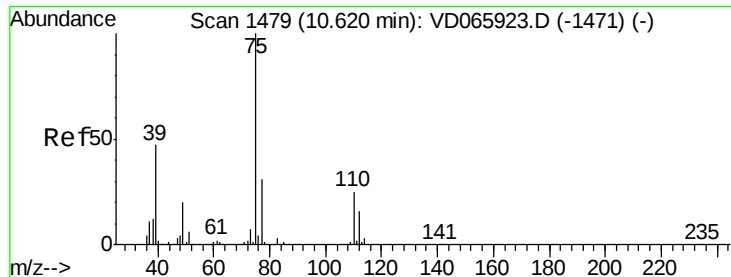
Tot Ion: 43 Resp: 264998
Ion Ratio Lower Upper
43 100
58 38.6 30.5 45.7



#52
Toluene
Concen: 20.959 ug/l
RT: 10.40 min Scan# 1442
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 92 Resp: 228938
Ion Ratio Lower Upper
92 100
91 171.8 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 21.129 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

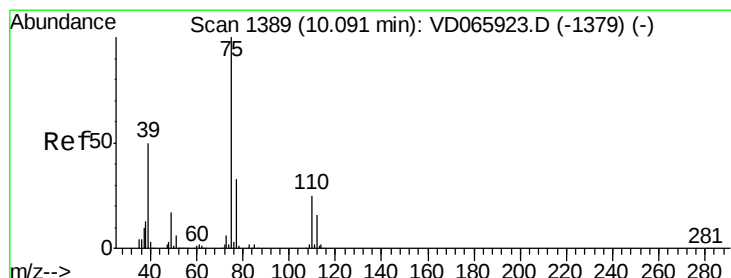
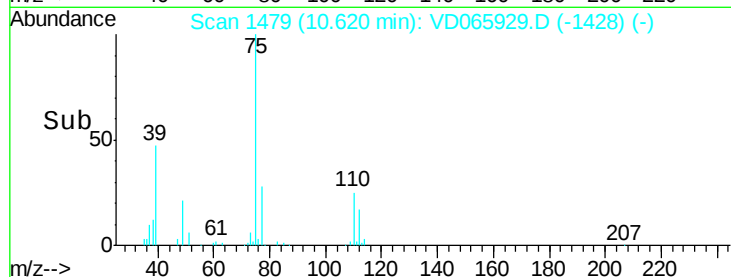
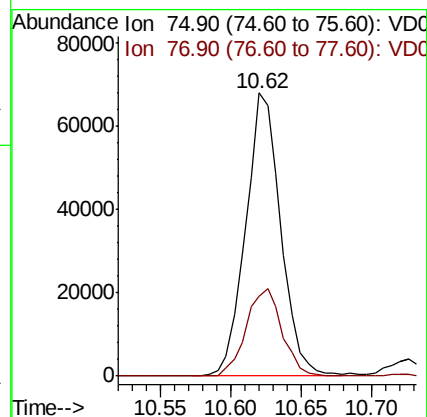
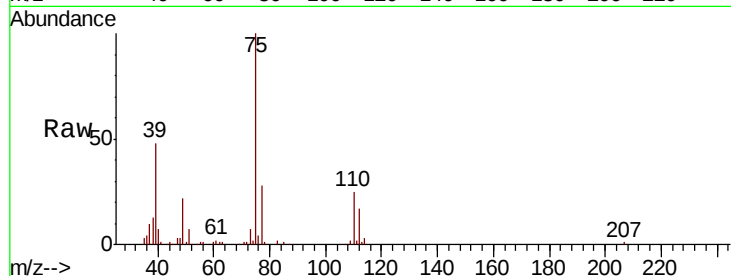
VD0707SBS01

Tot Ion: 75 Resp: 118233

Ion Ratio Lower Upper

75 100

77 28.3 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.350 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

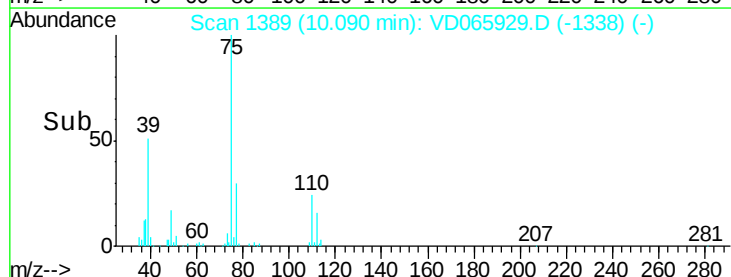
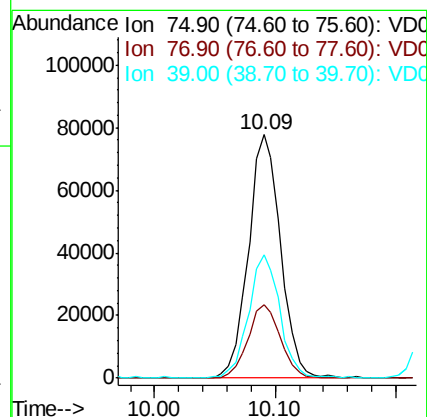
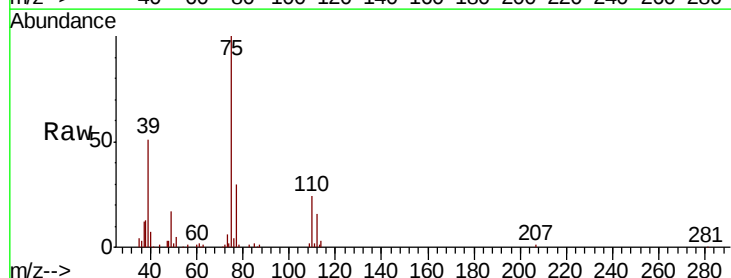
Tgt Ion: 75 Resp: 144360

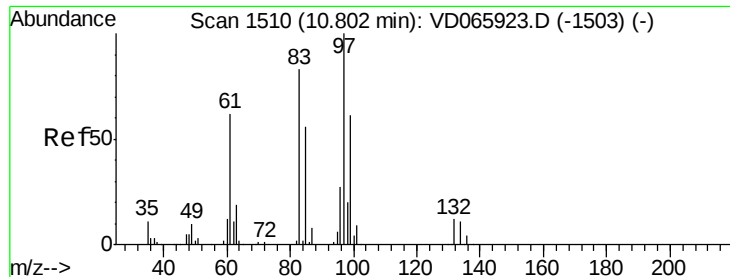
Ion Ratio Lower Upper

75 100

77 30.0 26.6 39.8

39 50.6 39.6 59.4

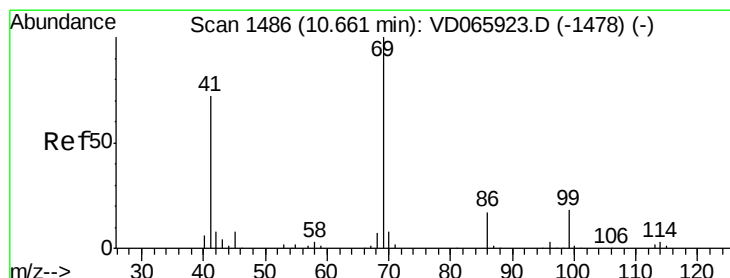
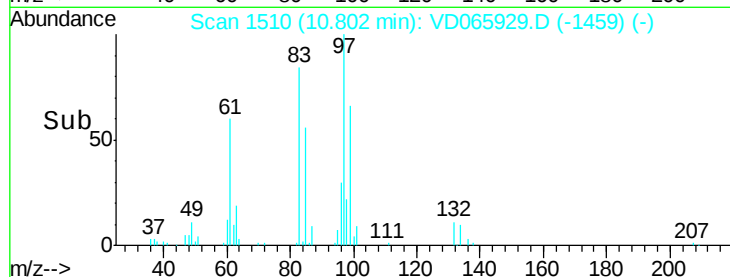
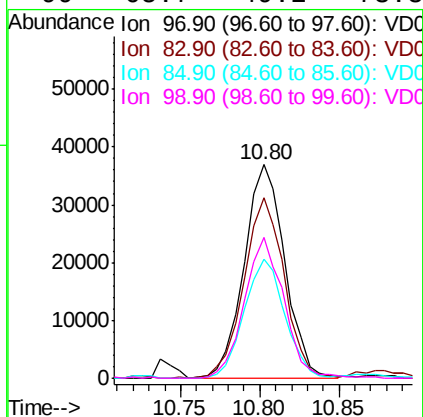
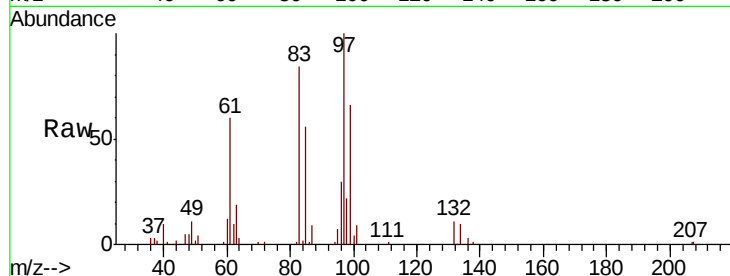




#55
 1,1,2-Trichloroethane
 Concen: 21.590 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

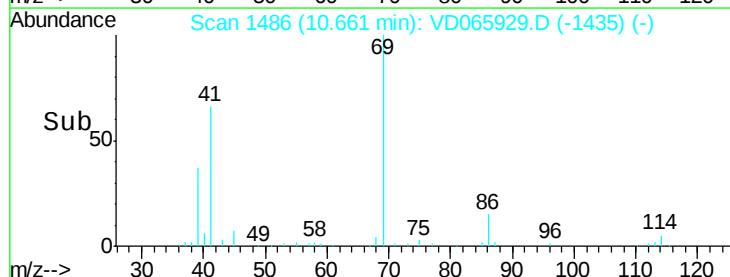
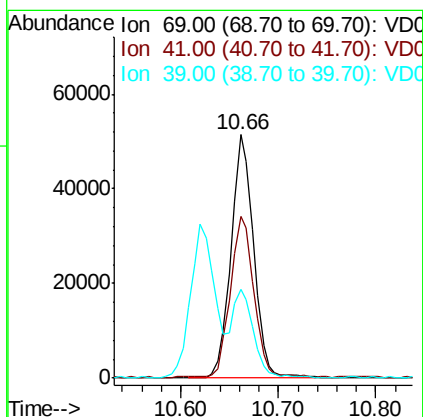
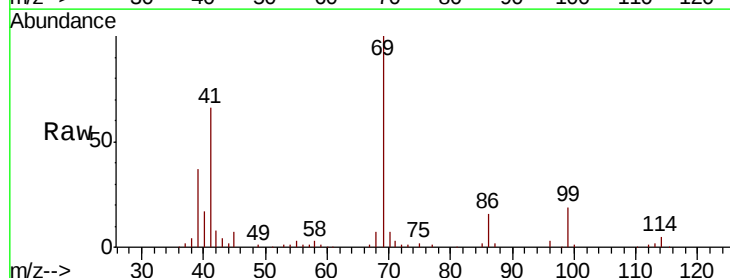
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBSD01

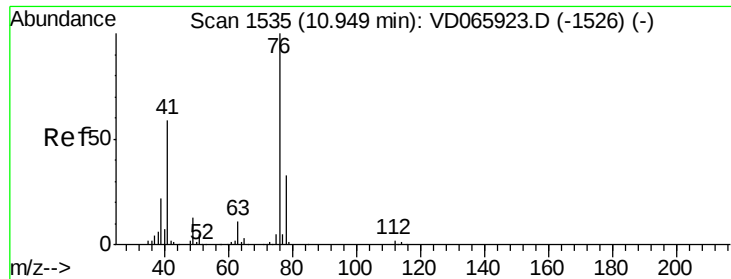
Tot Ion:	97	Resp:	65996
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.9	100.3
85	56.0	44.5	66.7
99	65.7	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 22.179 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion:	69	Resp:	82803
Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.5	84.7
39	36.4	29.2	43.8

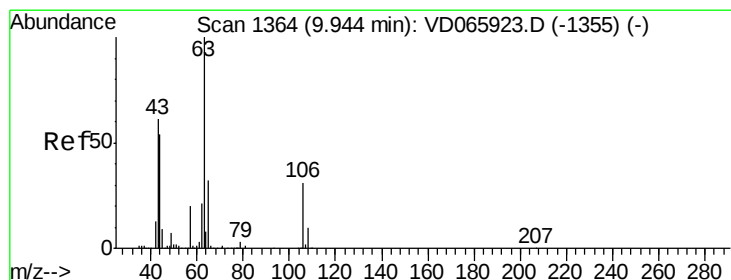
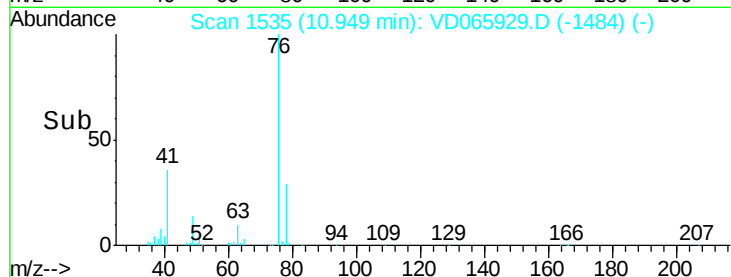
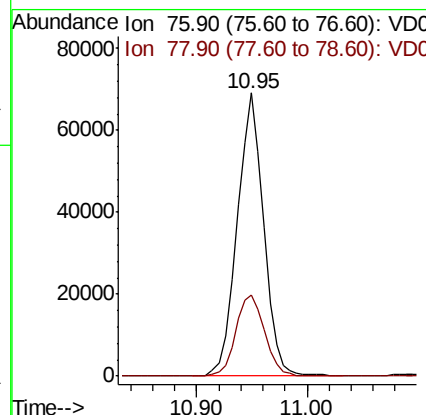
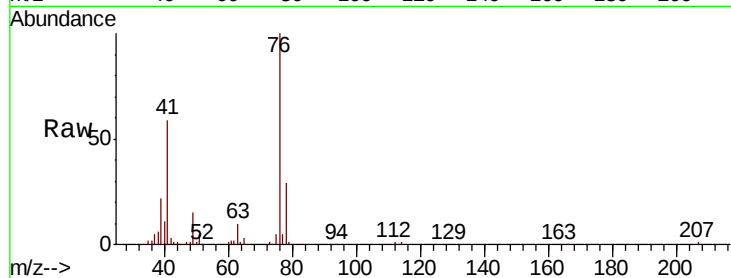




#57
 1,3-Dichloropropane
 Concen: 21.708 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

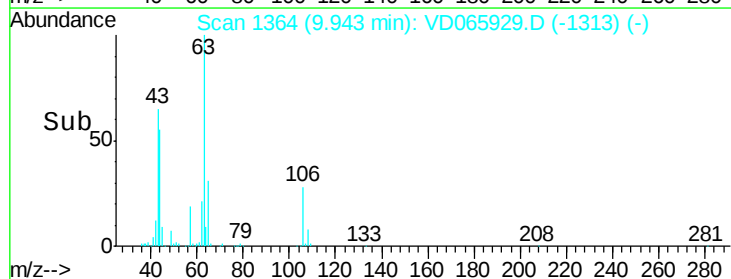
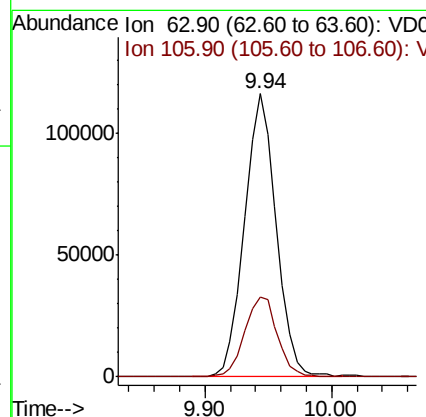
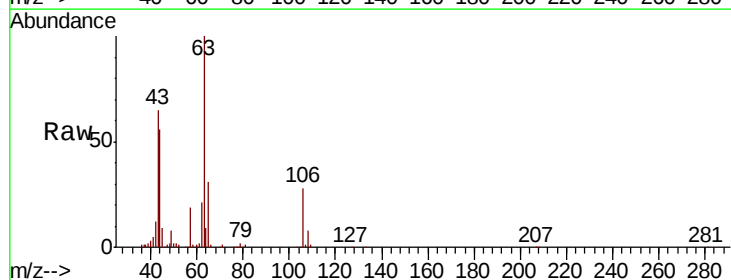
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

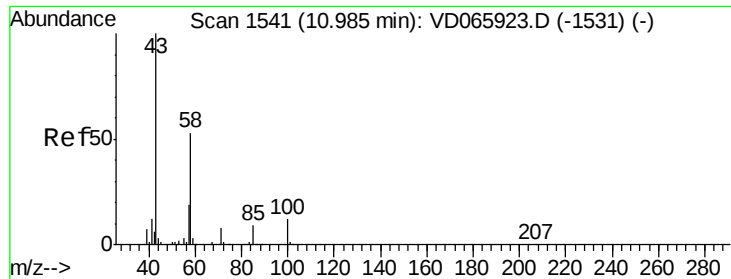
Tot Ion: 76 Resp: 116043
 Ion Ratio Lower Upper
 76 100
 78 31.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 111.148 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion: 63 Resp: 200968
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.8 35.6

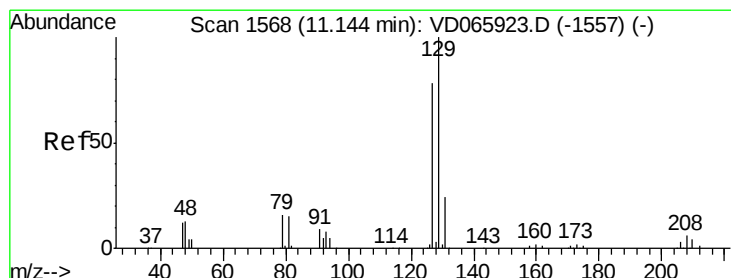
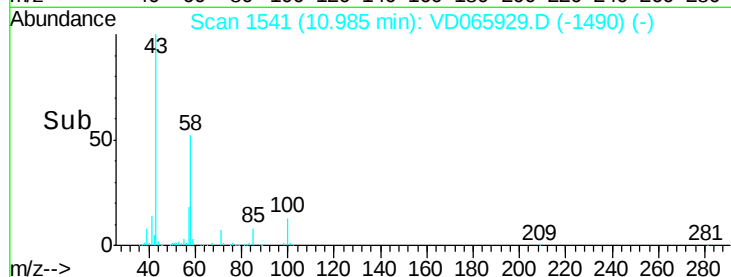
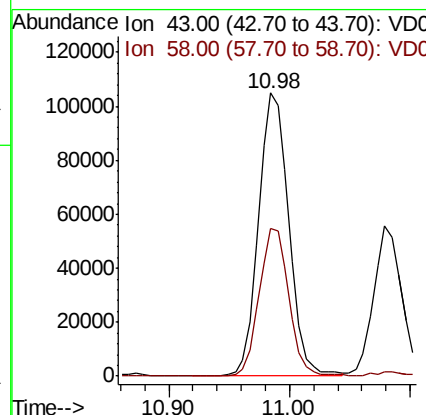
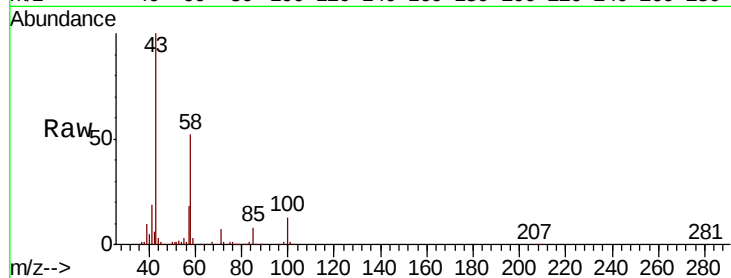




#59
2-Hexanone
Concen: 109.122 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

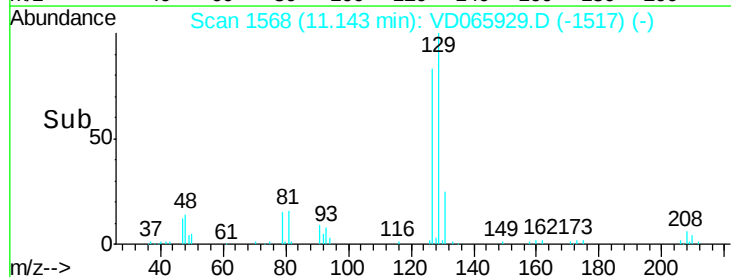
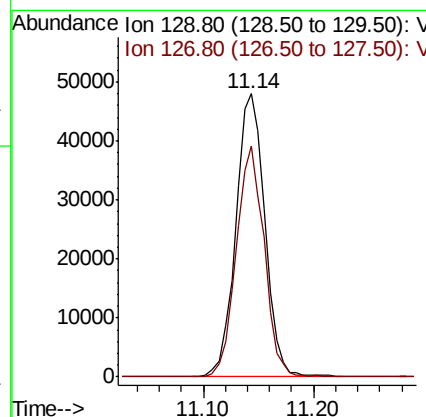
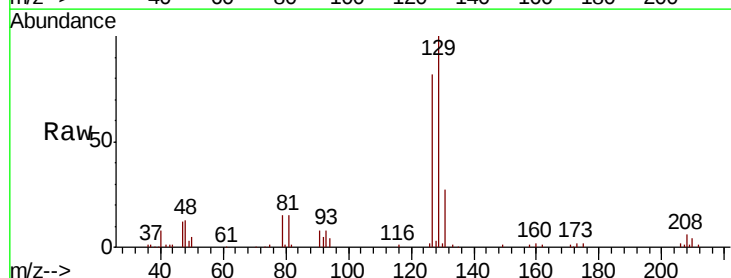
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

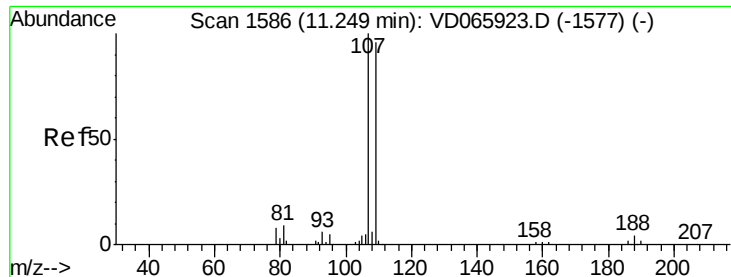
Tot Ion: 43 Resp: 183901
Ion Ratio Lower Upper
43 100
58 51.2 26.6 79.8



#60
Dibromochloromethane
Concen: 21.251 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 129 Resp: 88750
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4

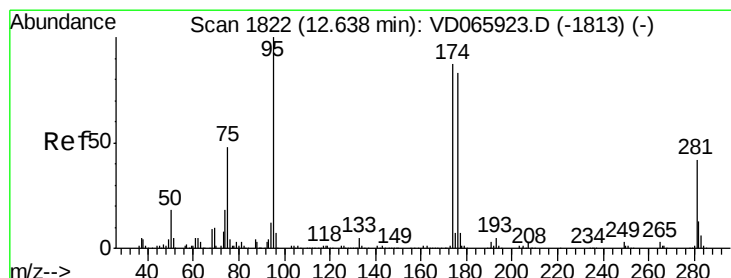
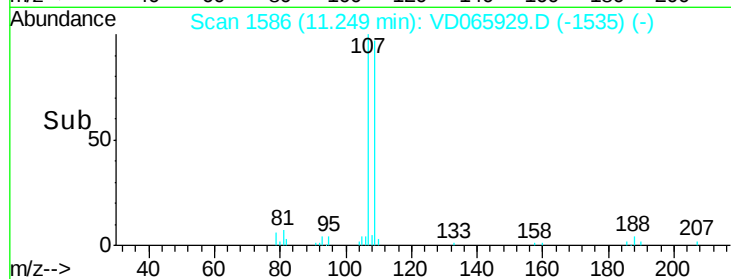
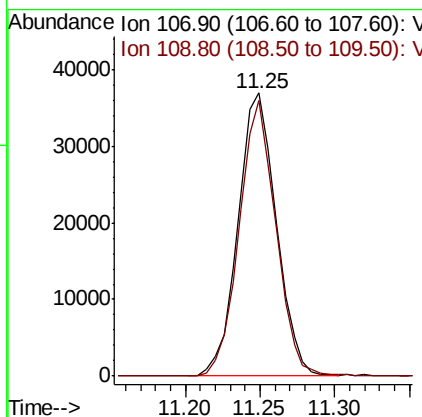
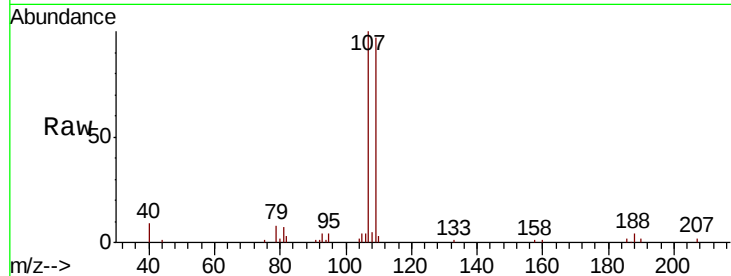




#61
 1,2-Dibromoethane
 Concen: 21.575 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

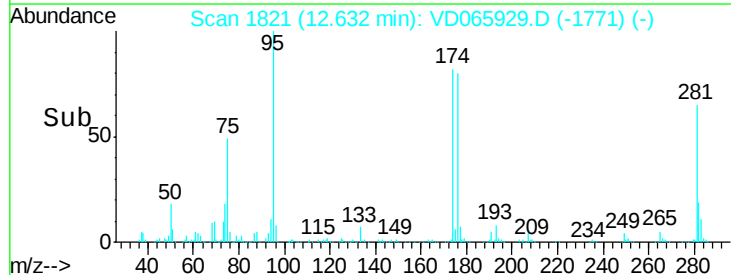
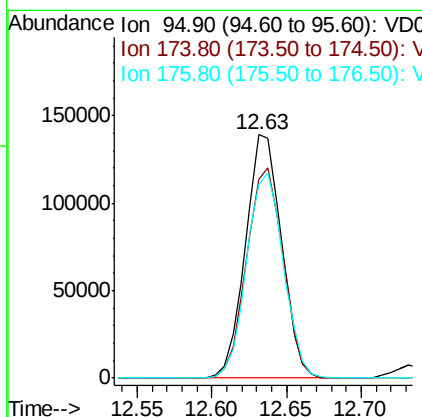
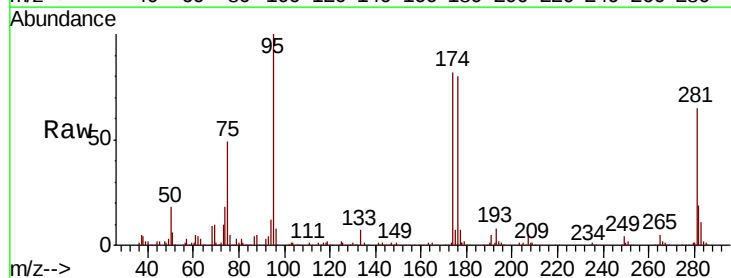
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBSD01

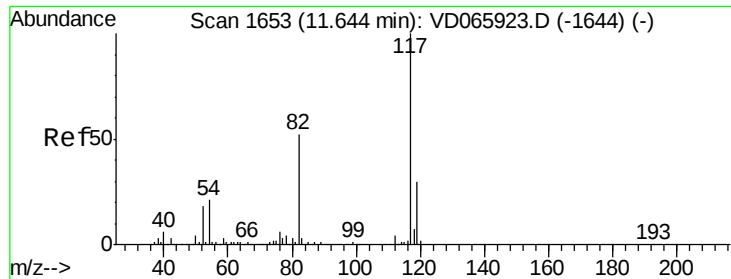
Tot Ion:107 Resp: 65754
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 47.827 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion: 95 Resp: 232616
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 169.4
 176 86.0 0.0 164.0

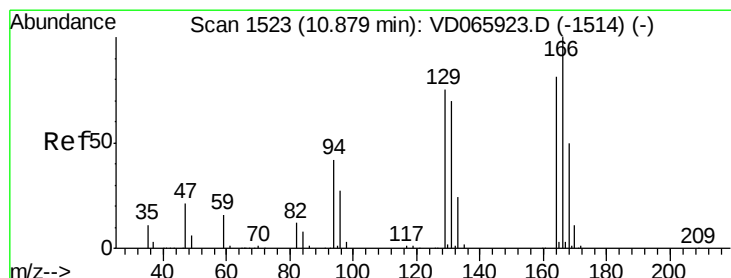
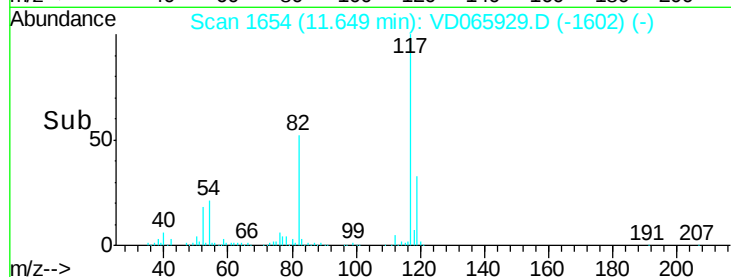
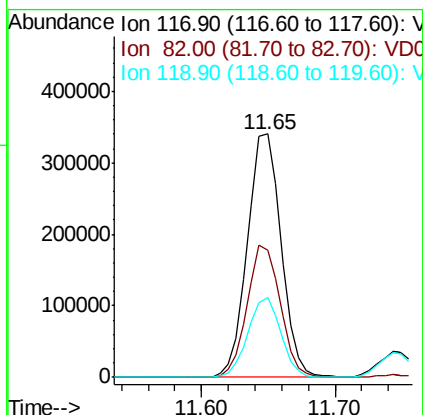
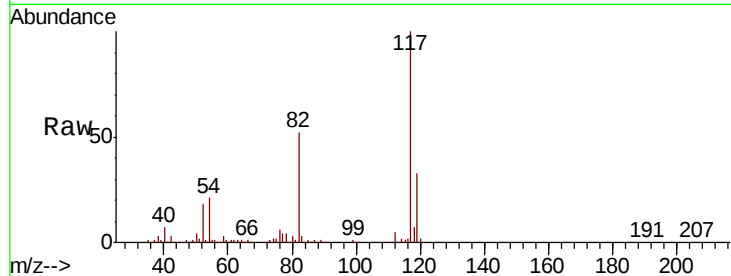




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

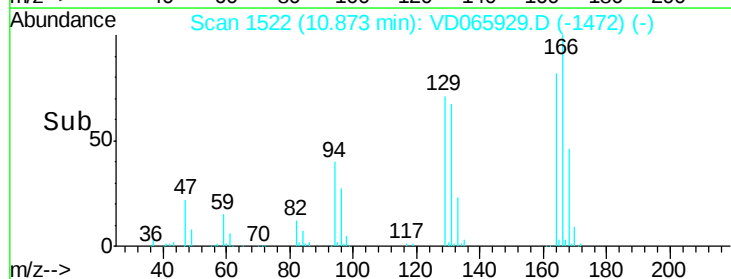
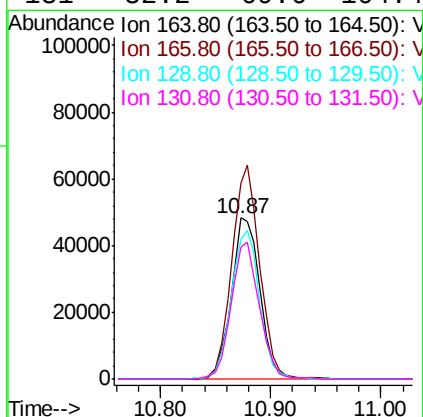
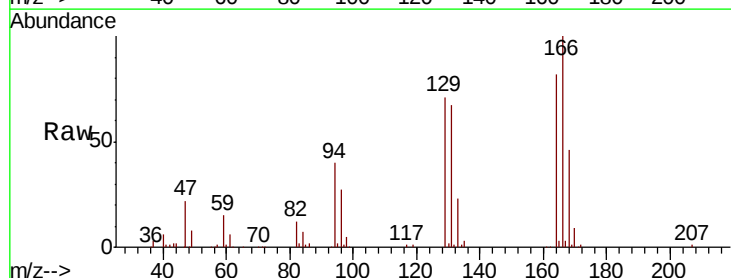
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBSD01

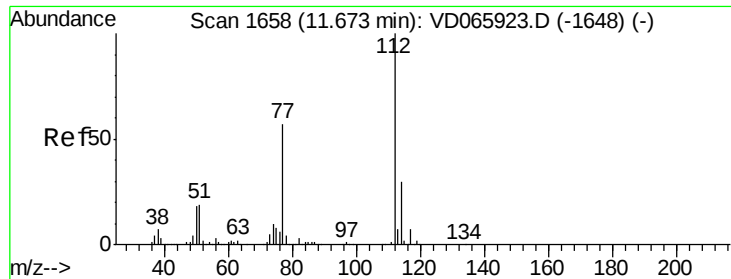
Tot Ion:117 Resp: 593399
Ion Ratio Lower Upper
117 100
82 52.5 41.8 62.8
119 32.9 24.3 36.5



#64
Tetrachloroethene
Concen: 20.280 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion:164 Resp: 87517
Ion Ratio Lower Upper
164 100
166 122.0 99.0 148.4
129 86.9 73.9 110.9
131 82.2 69.6 104.4

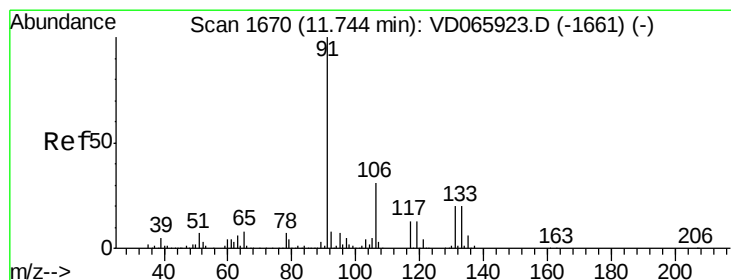
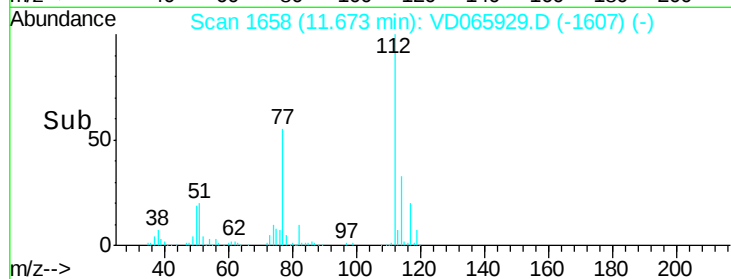
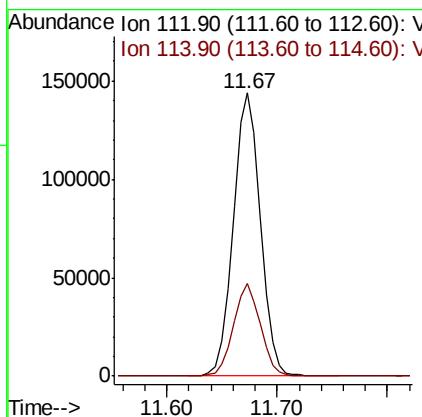
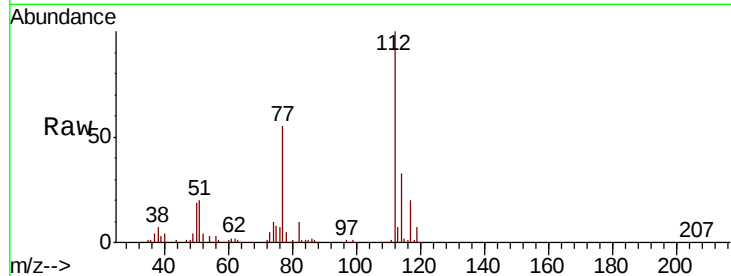




#65
Chlorobenzene
Concen: 20.702 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

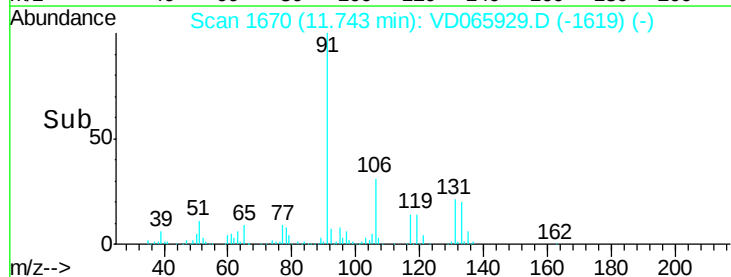
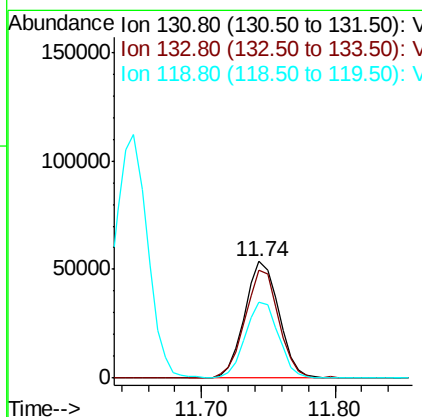
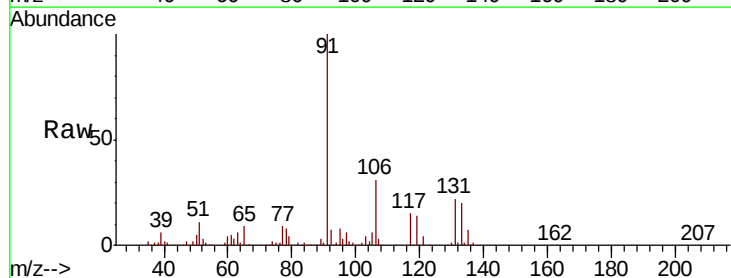
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

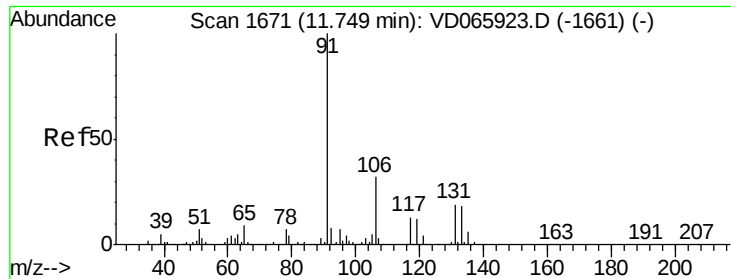
Tot Ion:112 Resp: 247559
Ion Ratio Lower Upper
112 100
114 32.8 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.261 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion:131 Resp: 95094
Ion Ratio Lower Upper
131 100
133 91.8 47.9 143.6
119 63.3 31.9 95.9





#67

Ethyl Benzene

Concen: 20.116 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

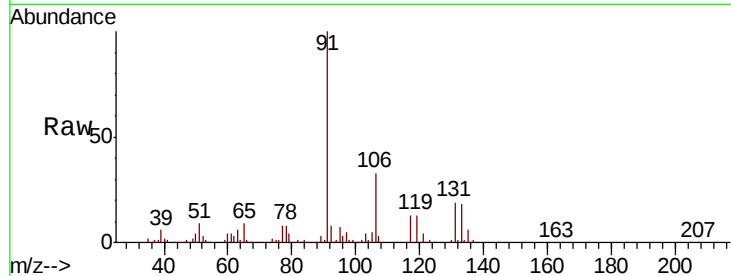
VD0707SBS01

Tot Ion: 91 Resp: 427344

Ion Ratio Lower Upper

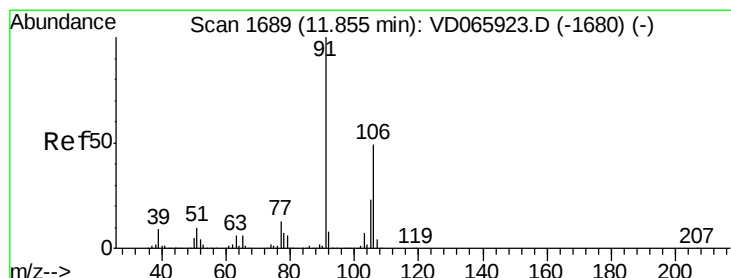
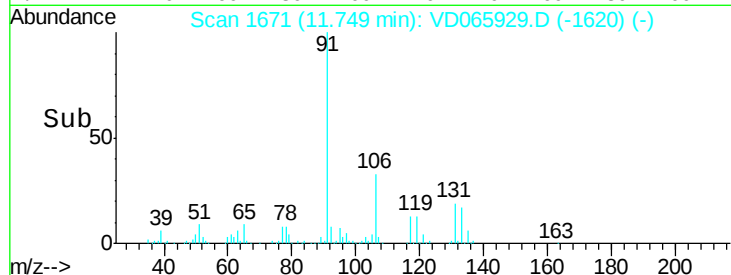
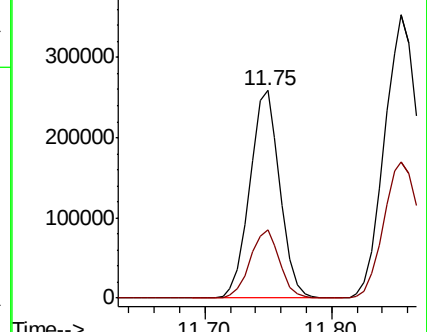
91 100

106 32.9 25.2 37.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.256 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065929.D

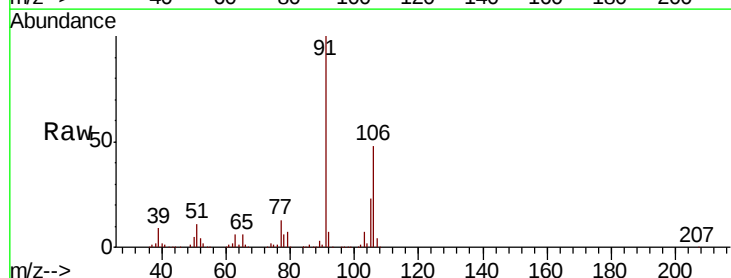
Acq: 07 Jul 2020 19:05

Tgt Ion: 106 Resp: 332983

Ion Ratio Lower Upper

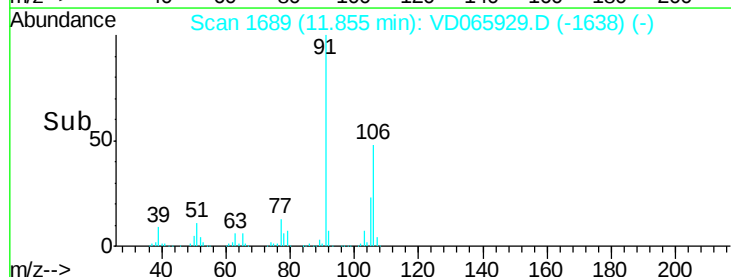
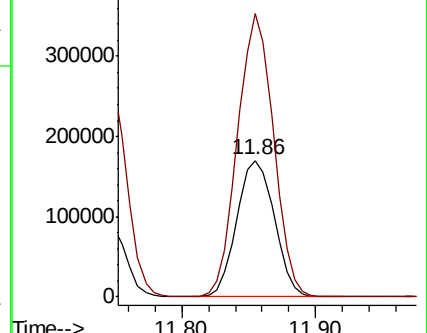
106 100

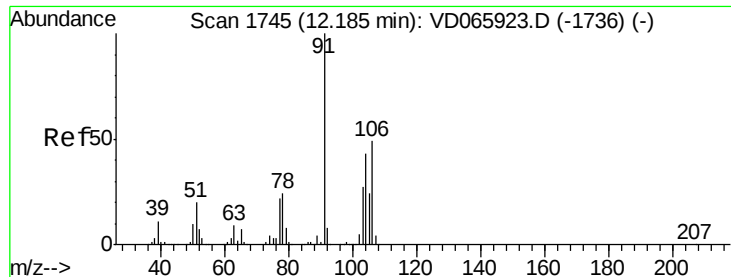
91 198.9 158.2 237.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

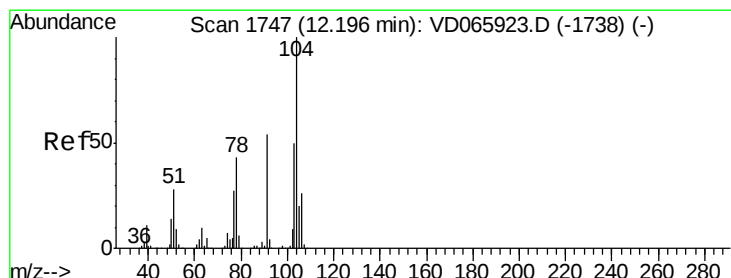
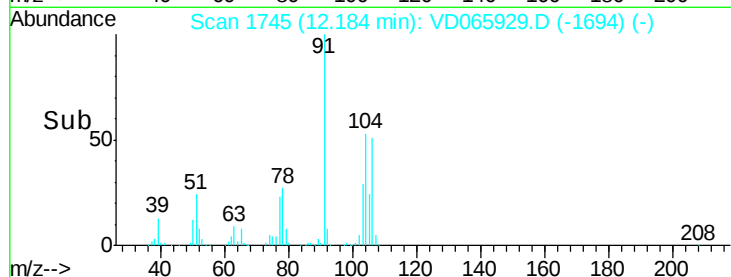
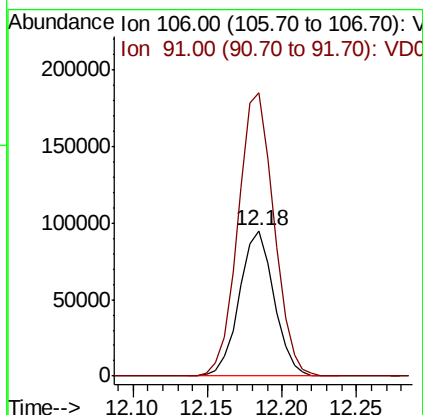
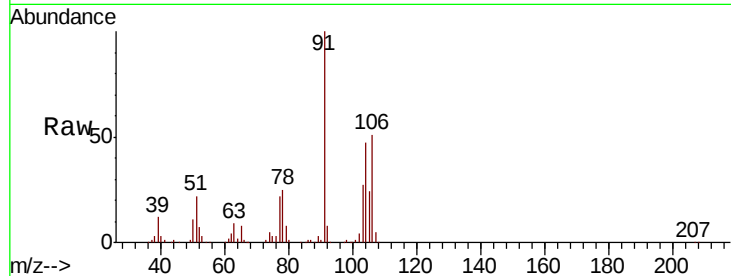




#69
o-Xylene
Concen: 20.753 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

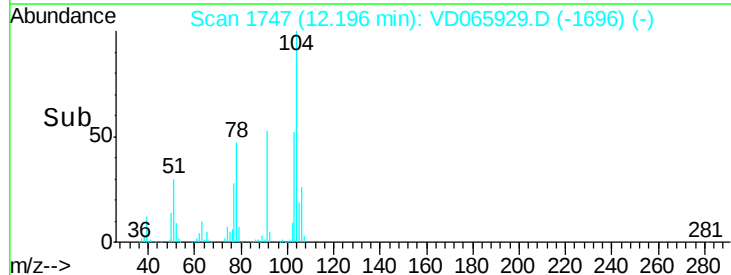
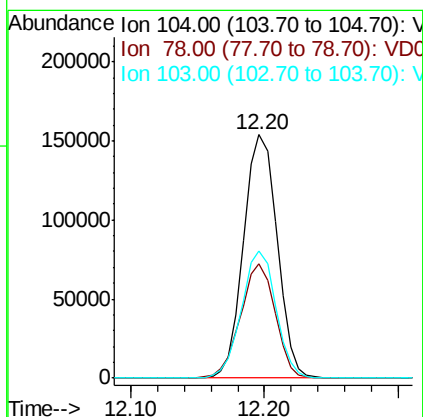
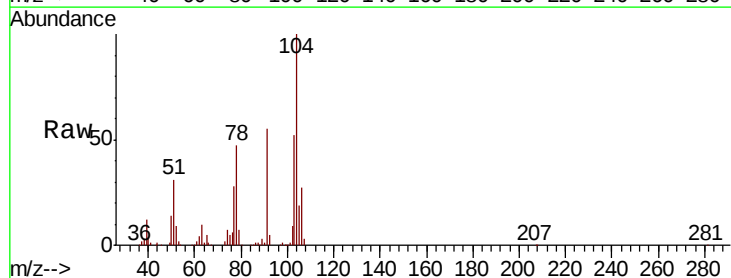
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

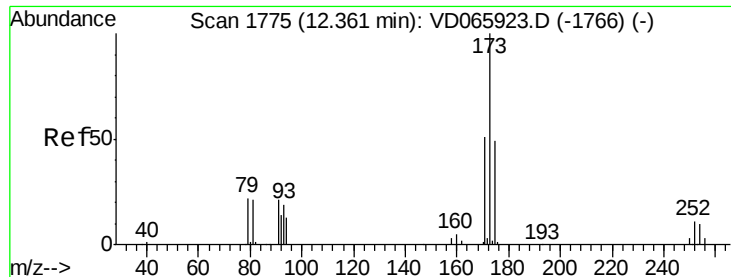
Tot Ion:106 Resp: 152583
Ion Ratio Lower Upper
106 100
91 202.5 104.1 312.2



#70
Styrene
Concen: 21.123 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion:104 Resp: 268090
Ion Ratio Lower Upper
104 100
78 48.4 38.8 58.2
103 53.6 43.6 65.4

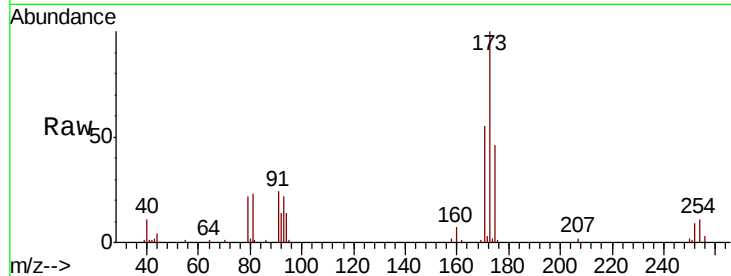




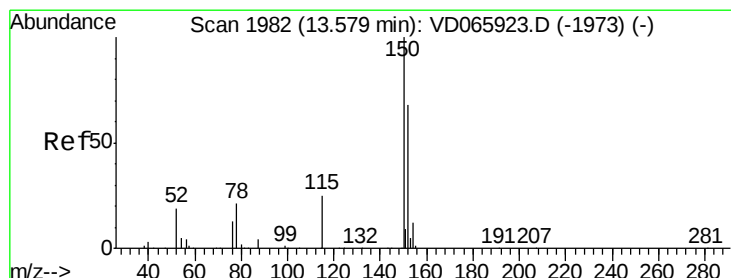
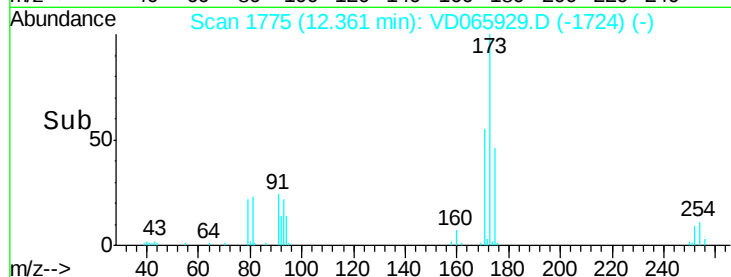
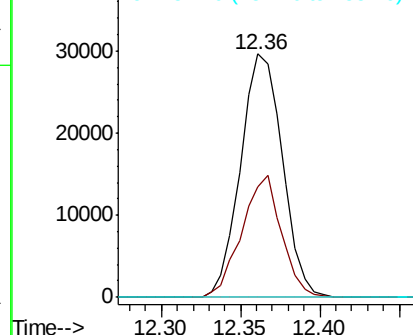
#71
Bromoform
Concen: 21.481 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

Tot Ion:173 Resp: 54364
Ion Ratio Lower Upper
173 100
175 47.5 24.2 72.6
254 0.0 0.0 0.0

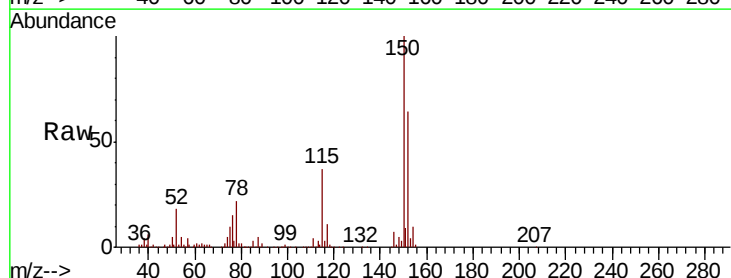


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

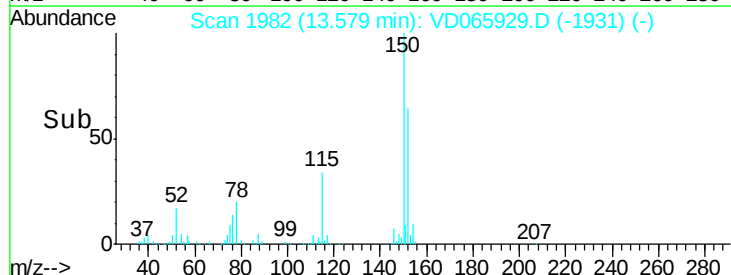
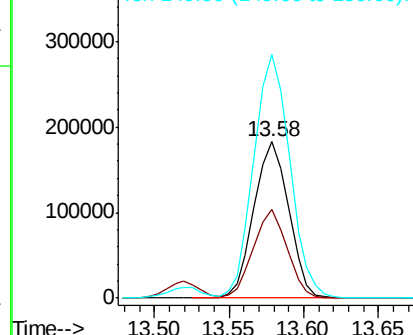


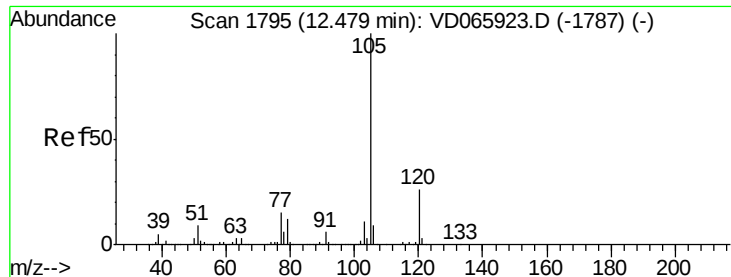
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion:152 Resp: 295842
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.3
150 161.4 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.099 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

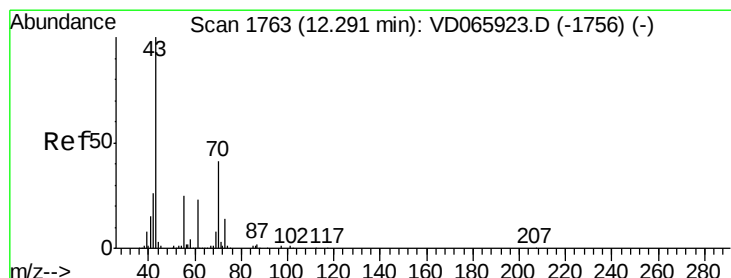
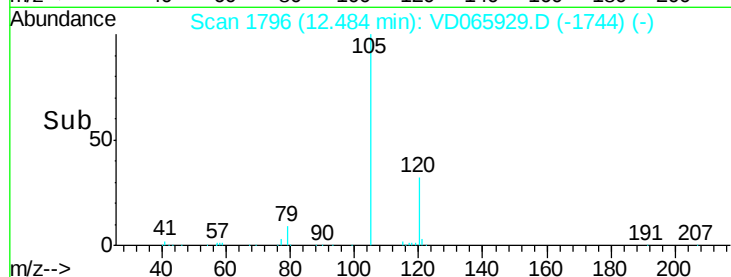
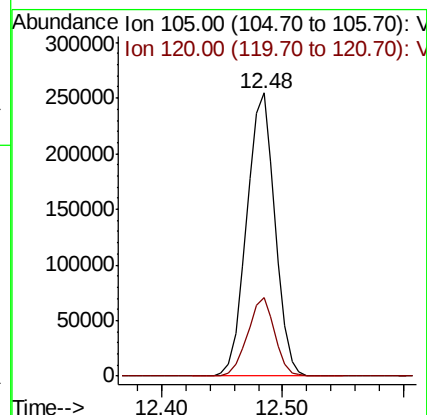
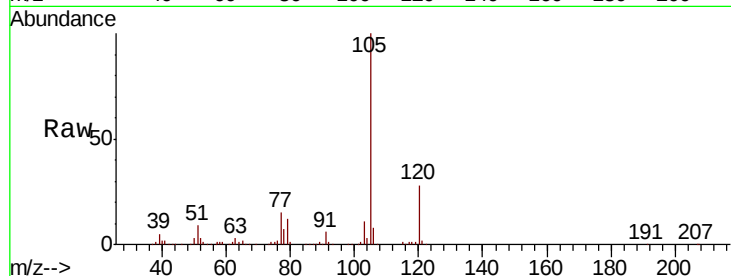
VD0707SBS01

Tot Ion:105 Resp: 414984

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.8



#74

N-ethyl acetate

Concen: 20.171 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Tgt Ion: 43 Resp: 93456

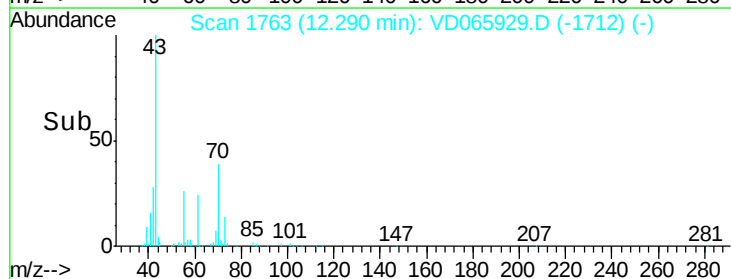
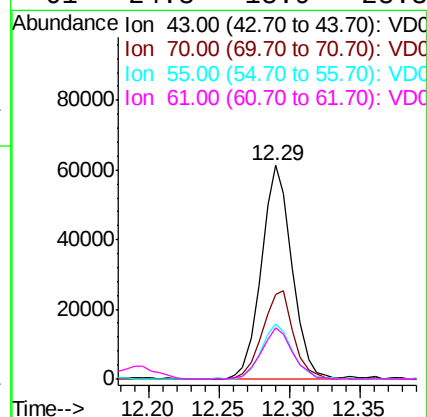
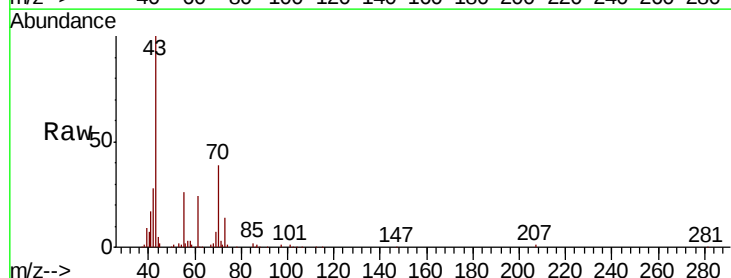
Ion Ratio Lower Upper

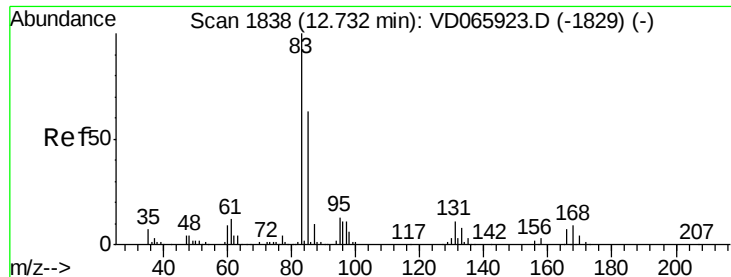
43 100

70 41.8 33.6 50.4

55 26.2 20.1 30.1

61 24.3 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.358 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBSD01

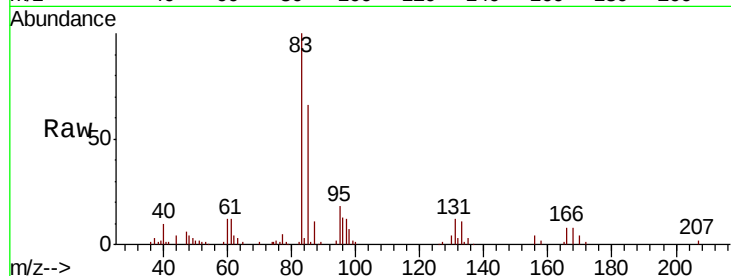
Tot Ion: 83 Resp: 69783

Ion Ratio Lower Upper

83 100

131 12.8 5.6 16.8

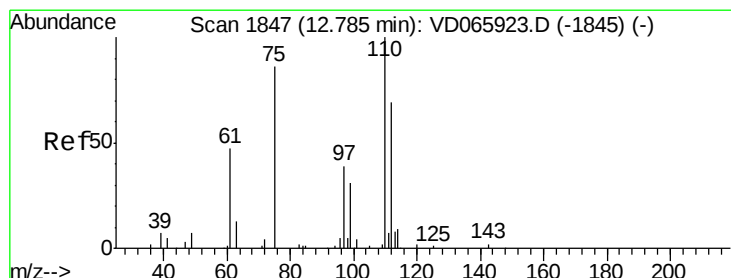
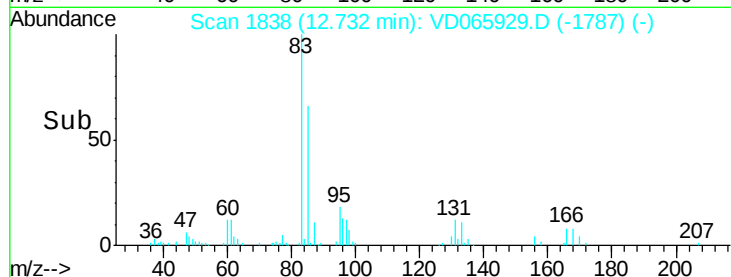
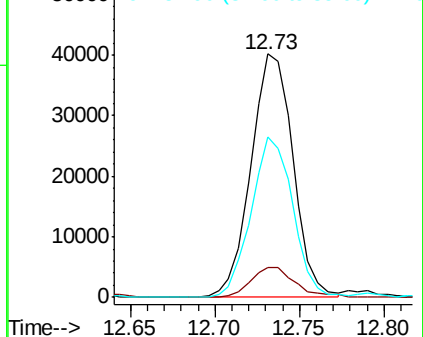
85 65.2 32.6 98.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 37.908 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD065929.D

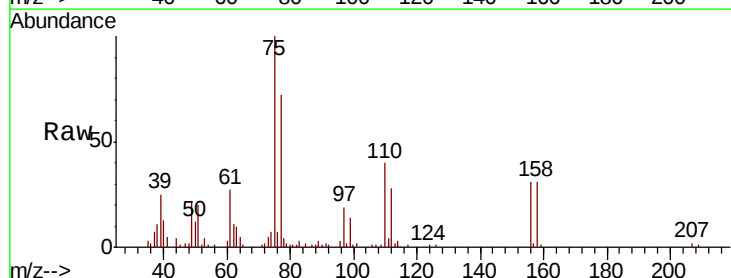
Acq: 07 Jul 2020 19:05

Tgt Ion: 75 Resp: 94077

Ion Ratio Lower Upper

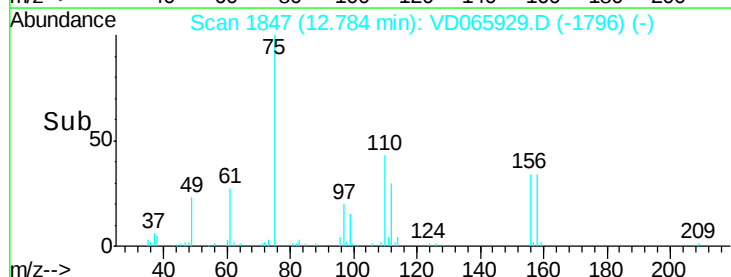
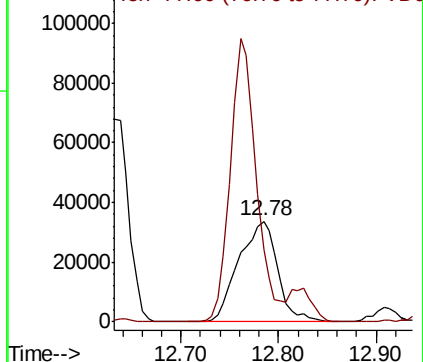
75 100

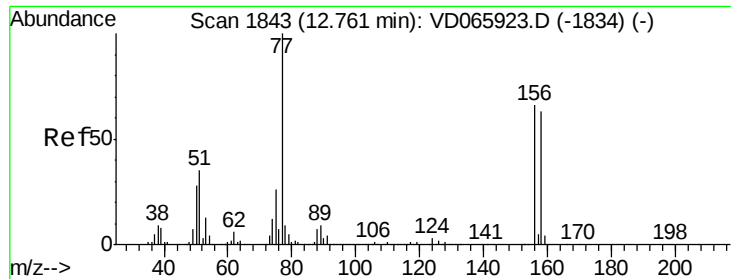
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.499 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

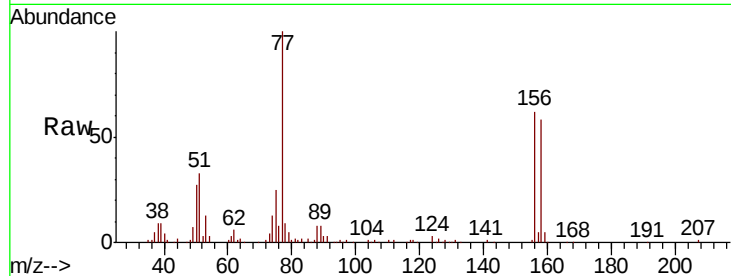
Tot Ion:156 Resp: 102656

Ion Ratio Lower Upper

156 100

77 173.4 85.0 255.0

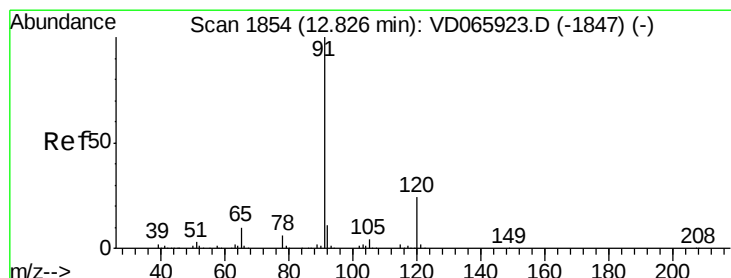
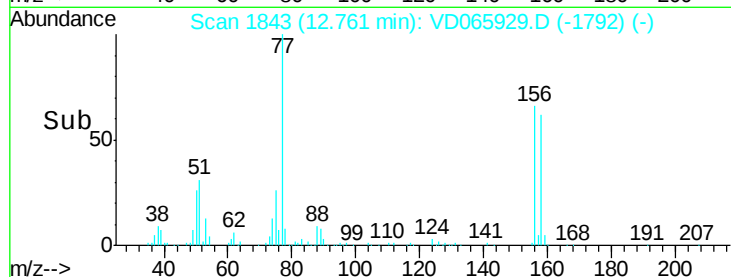
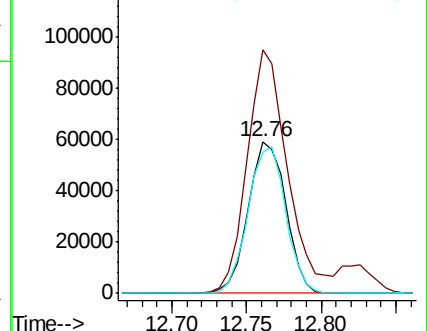
158 97.1 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.951 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD065929.D

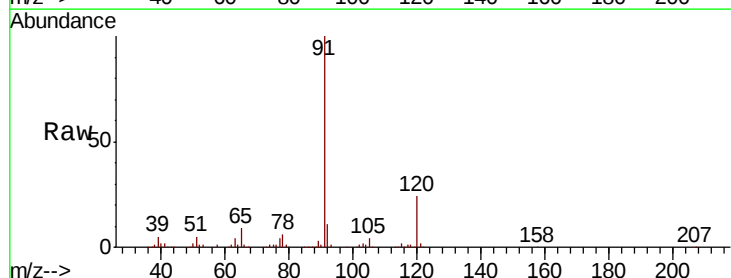
Acq: 07 Jul 2020 19:05

Tgt Ion: 91 Resp: 482943

Ion Ratio Lower Upper

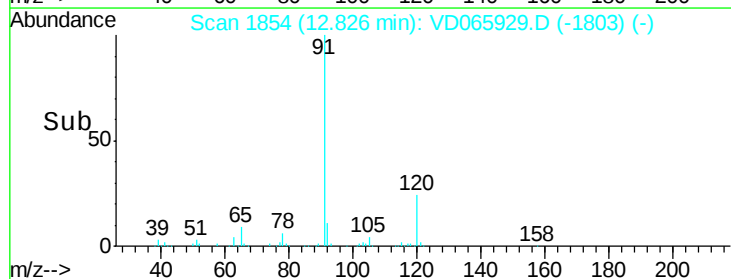
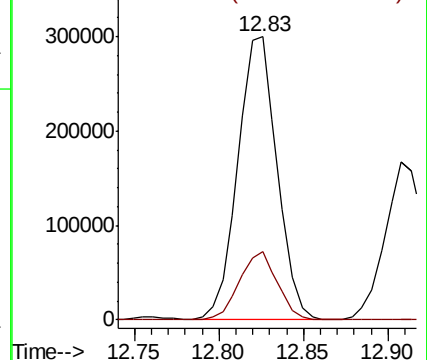
91 100

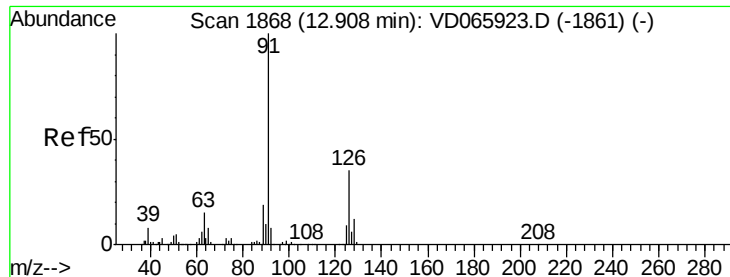
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

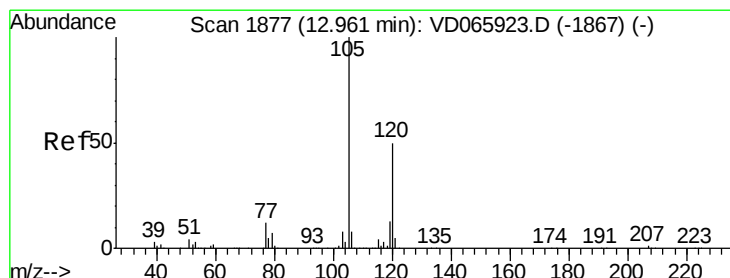
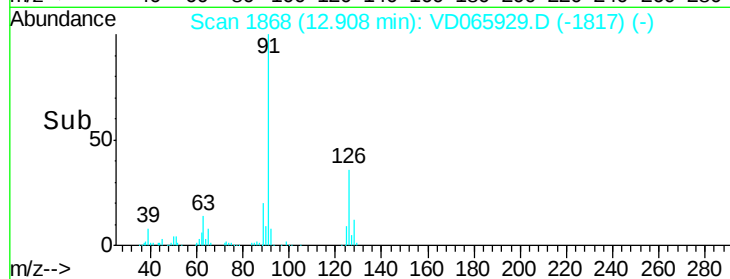
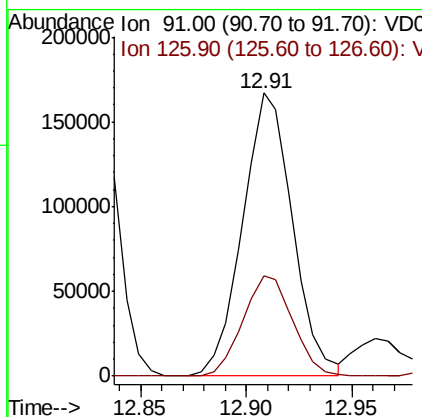
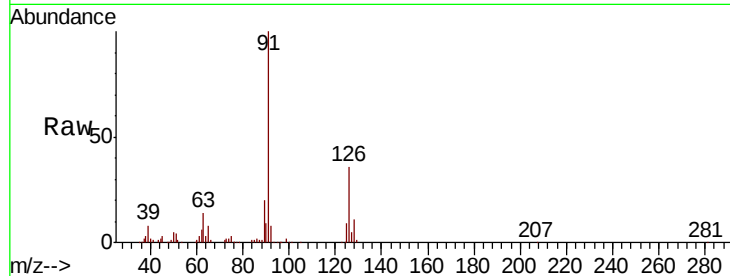




#79
 2-Chlorotoluene
 Concen: 19.939 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

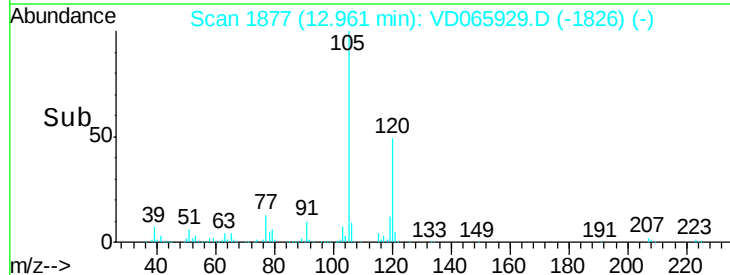
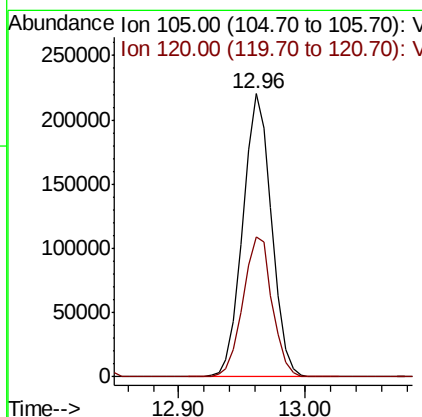
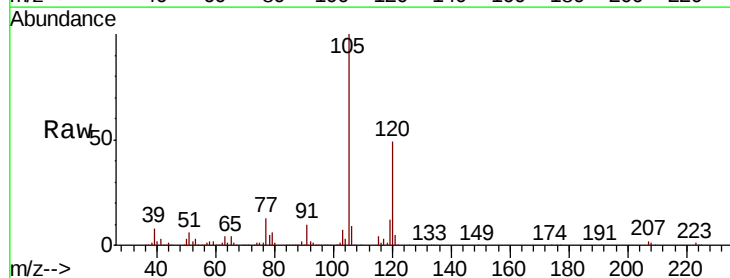
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

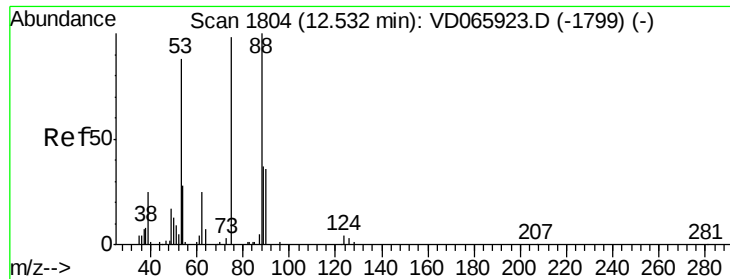
Tot Ion: 91 Resp: 273807
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.6 52.8



#80
 1,3,5-Trimethylbenzene
 Concen: 20.467 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion: 105 Resp: 345648
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.540 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

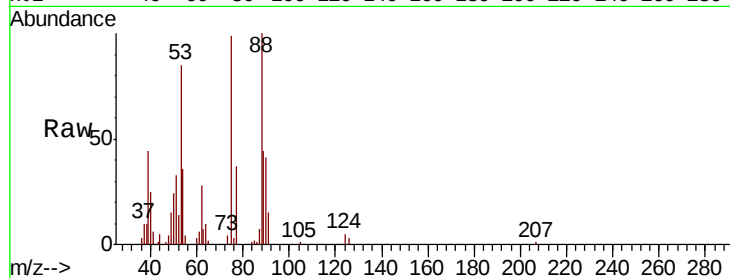
Tot Ion: 75 Resp: 24878

Ion Ratio Lower Upper

75 100

53 90.1 75.8 113.8

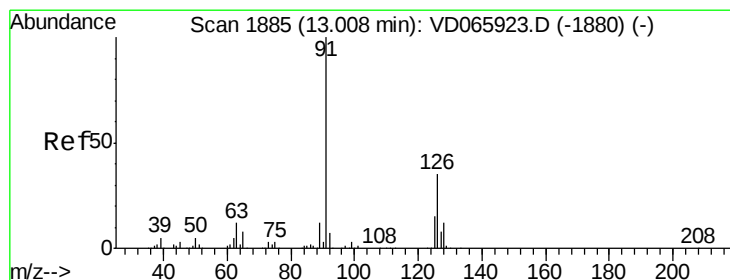
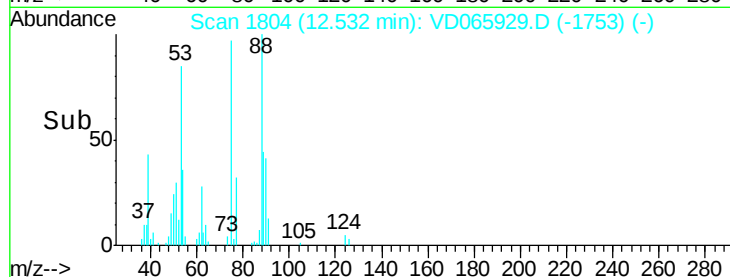
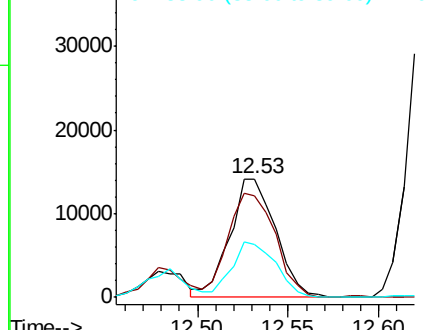
89 44.1 37.5 56.3



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.477 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD065929.D

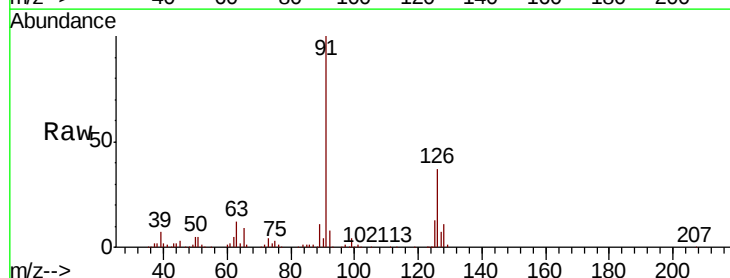
Acq: 07 Jul 2020 19:05

Tgt Ion: 91 Resp: 295033

Ion Ratio Lower Upper

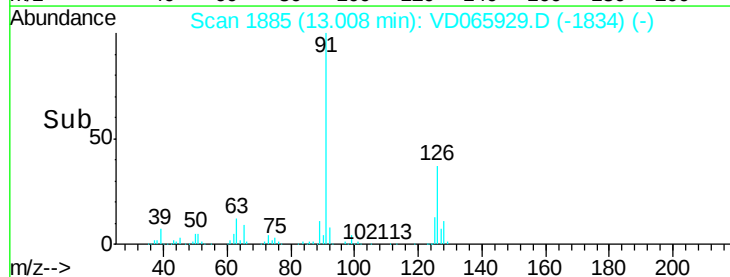
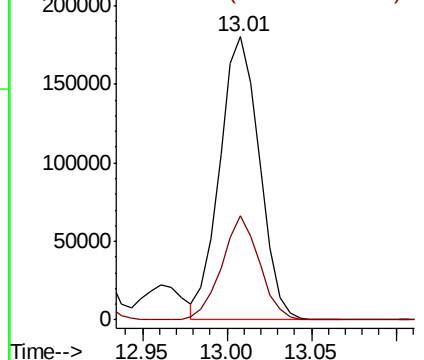
91 100

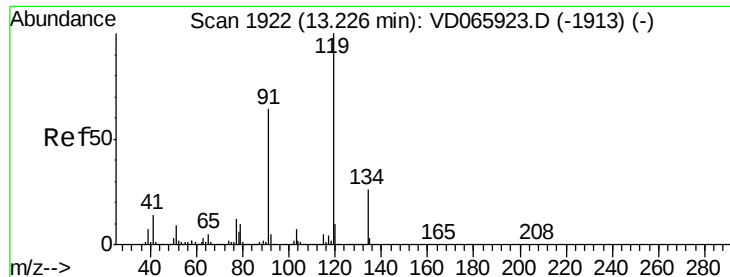
126 34.9 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 20.093 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

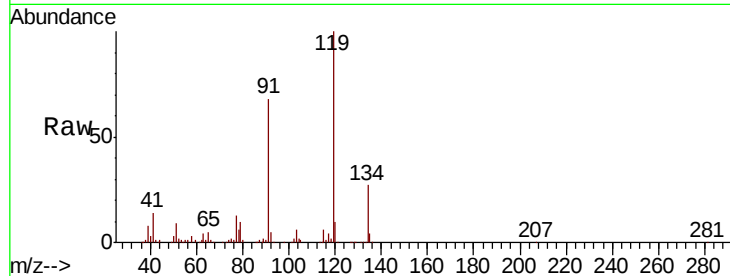
Tot Ion:119 Resp: 289091

Ion Ratio Lower Upper

119 100

91 64.4 32.4 97.2

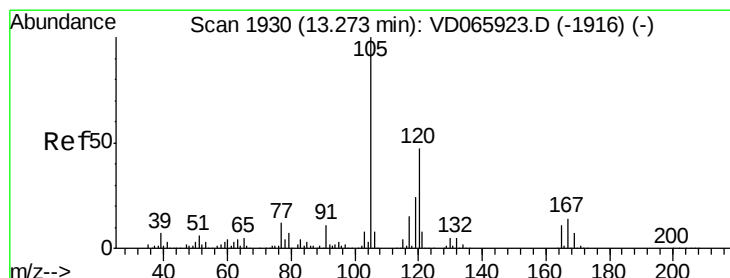
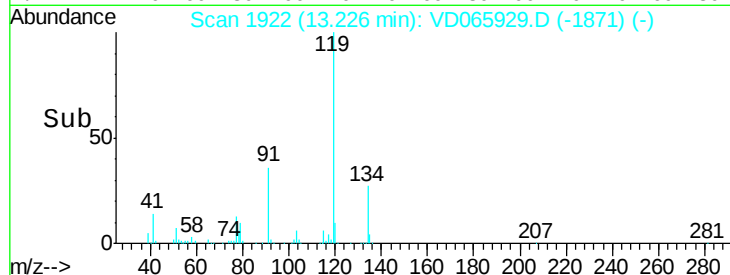
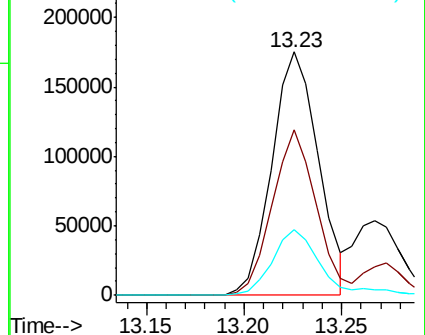
134 28.5 14.1 42.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.284 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. -0.00 min

Lab File: VD065929.D

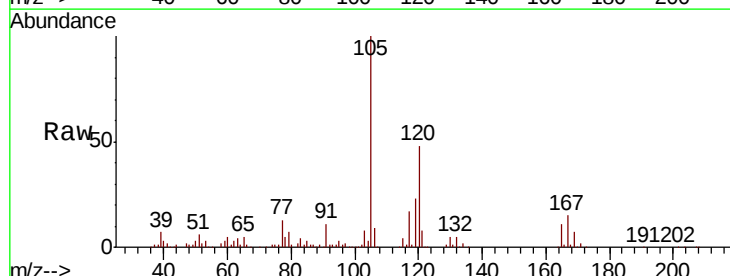
Acq: 07 Jul 2020 19:05

Tgt Ion:105 Resp: 340983

Ion Ratio Lower Upper

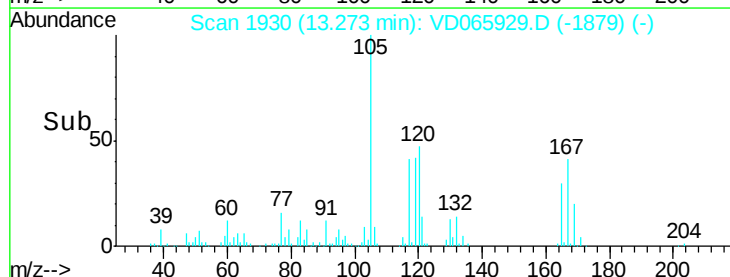
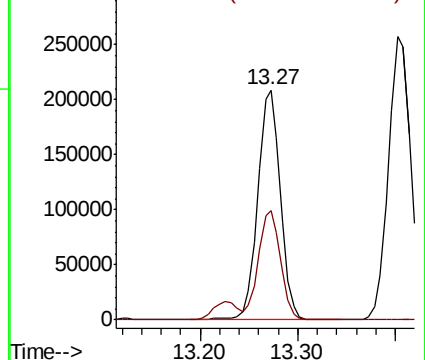
105 100

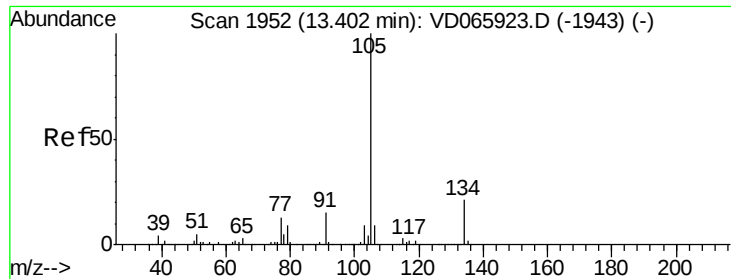
120 46.5 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.132 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

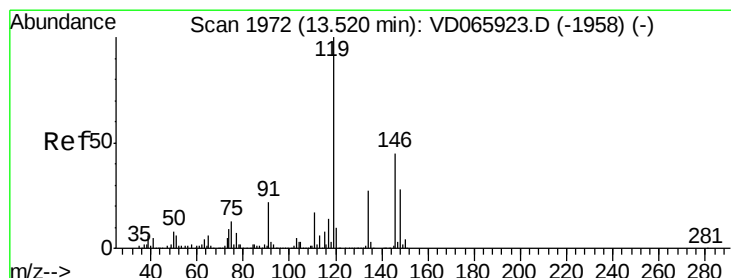
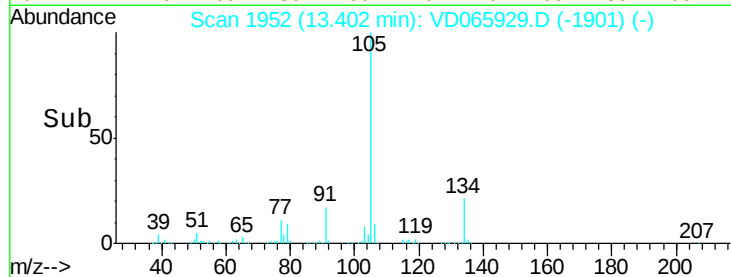
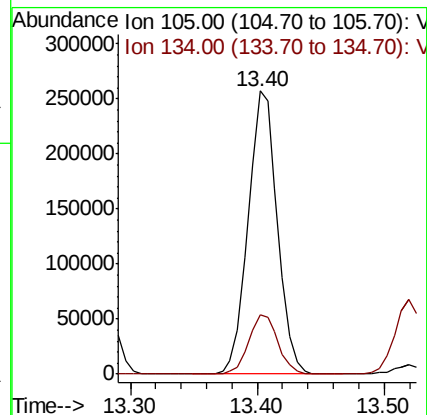
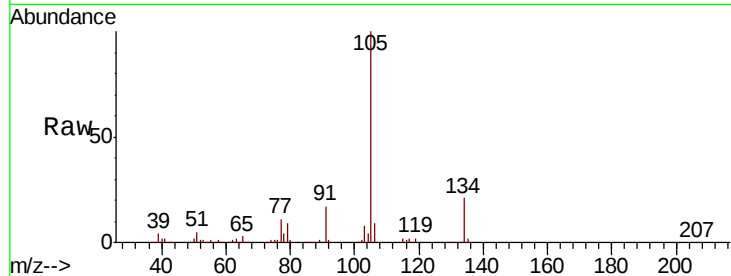
VD0707SBS01

Tot Ion:105 Resp: 410491

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.226 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

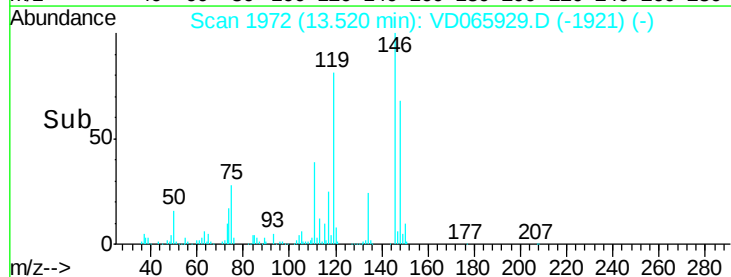
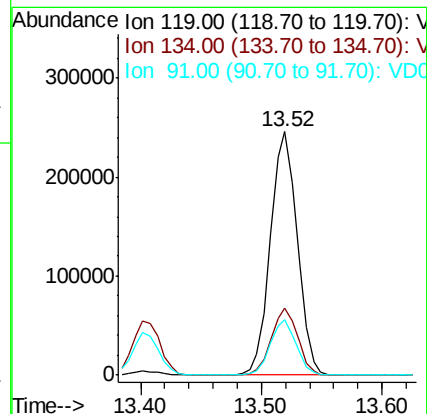
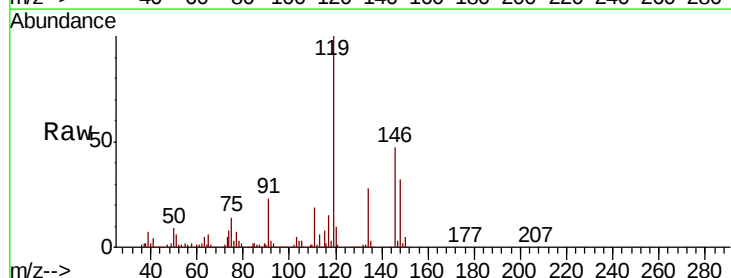
Tgt Ion:119 Resp: 377220

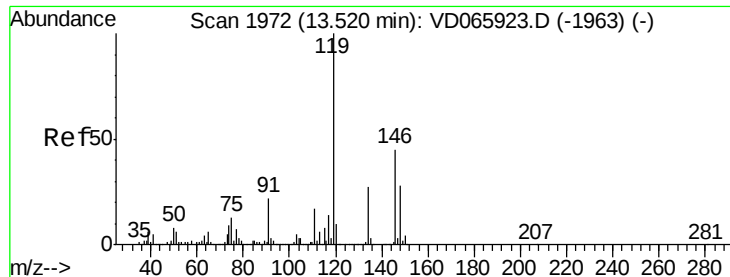
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 21.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 20.534 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBS01

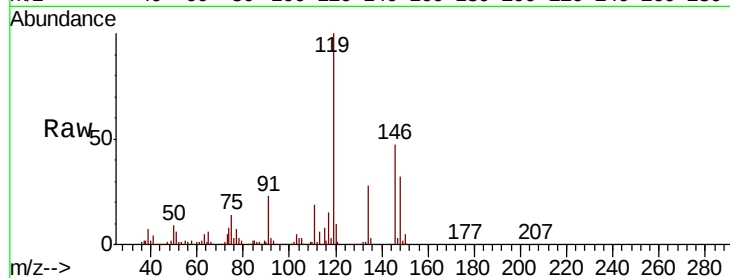
Tot Ion:146 Resp: 192415

Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.8

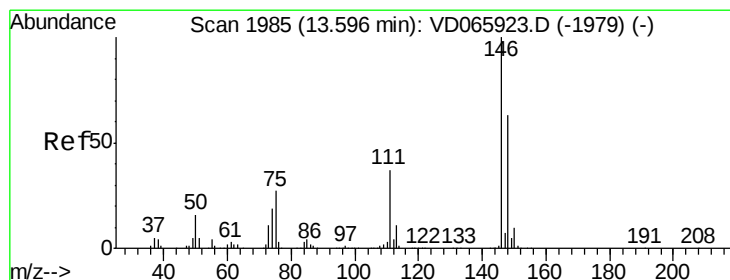
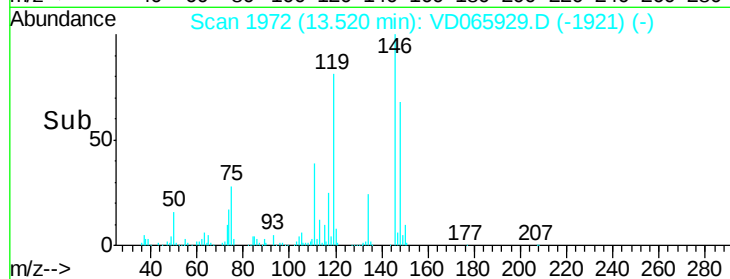
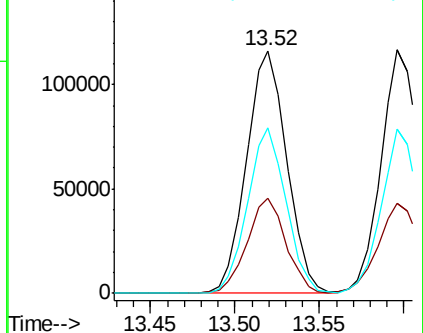
148 65.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.002 ug/l

RT: 13.60 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

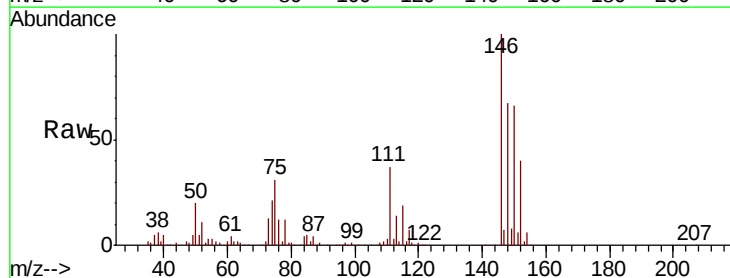
Tgt Ion:146 Resp: 186987

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.7

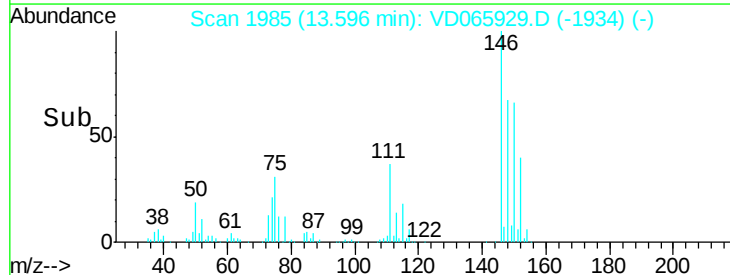
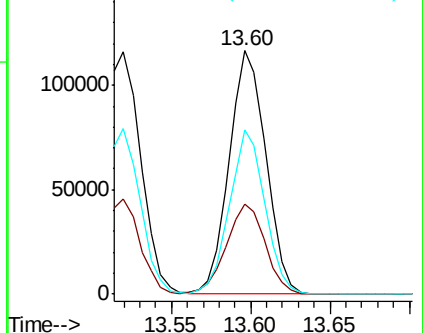
148 65.3 32.1 96.3

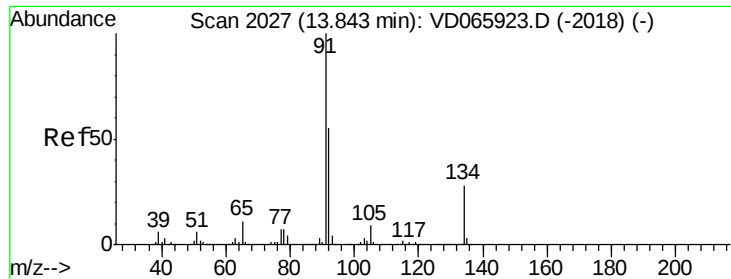


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

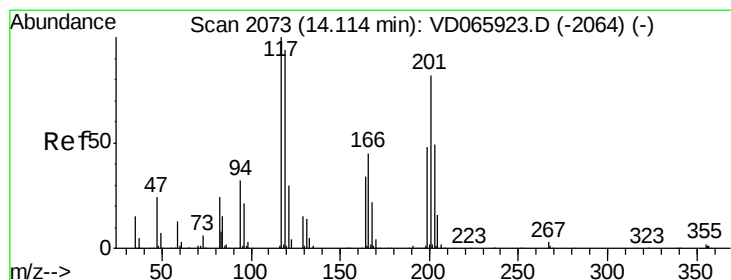
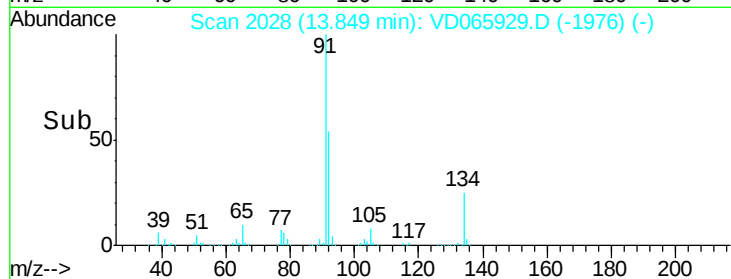
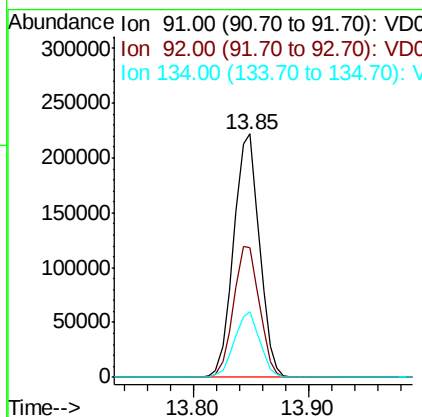
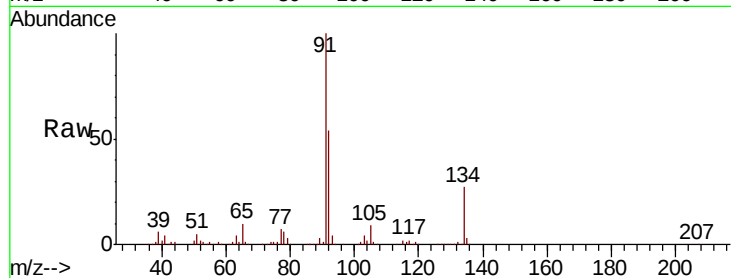




#89
n-Butylbenzene
Concen: 19.640 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

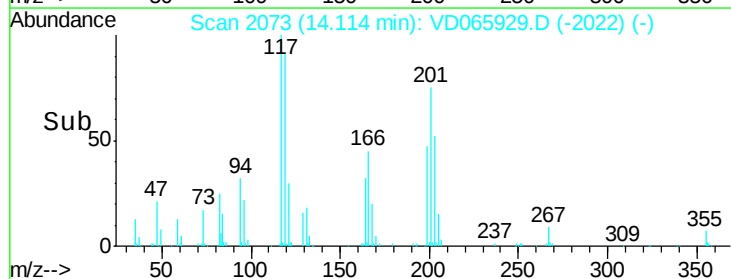
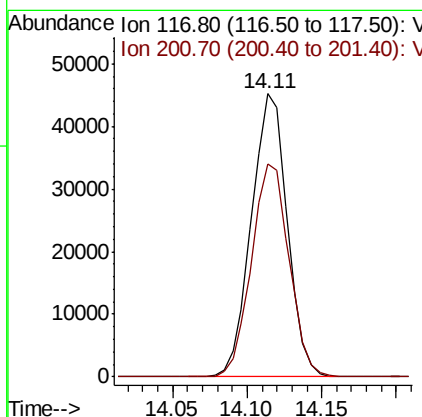
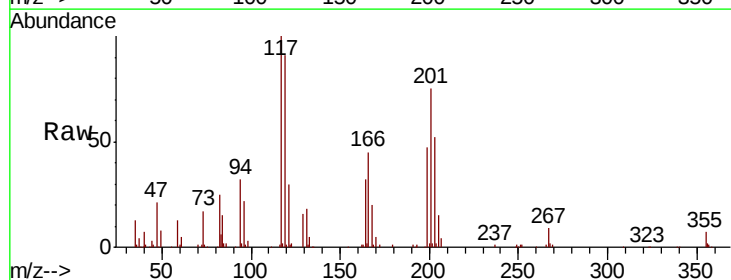
Instrument :
MSVOA_D
ClientSampleId :
VD0707SBS01

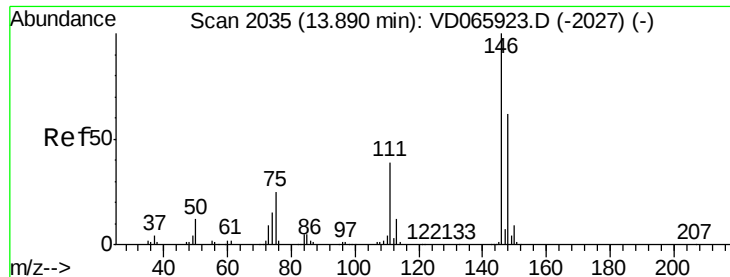
Tot Ion: 91 Resp: 343969
Ion Ratio Lower Upper
91 100
92 54.1 27.2 81.6
134 26.5 13.8 41.3



#90
Hexachloroethane
Concen: 19.926 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065929.D
Acq: 07 Jul 2020 19:05

Tgt Ion: 117 Resp: 74940
Ion Ratio Lower Upper
117 100
201 79.0 40.0 120.0

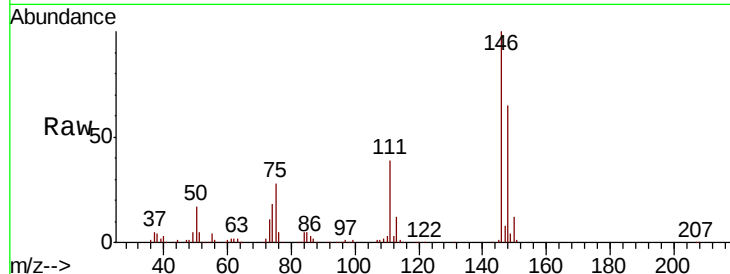




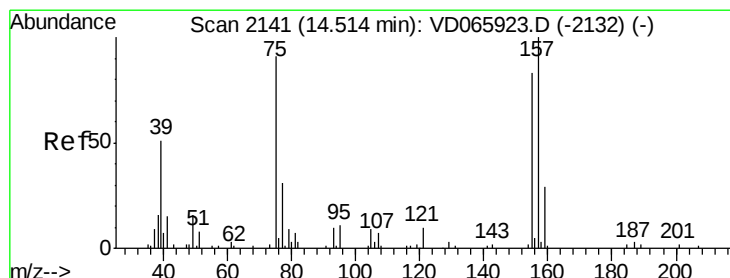
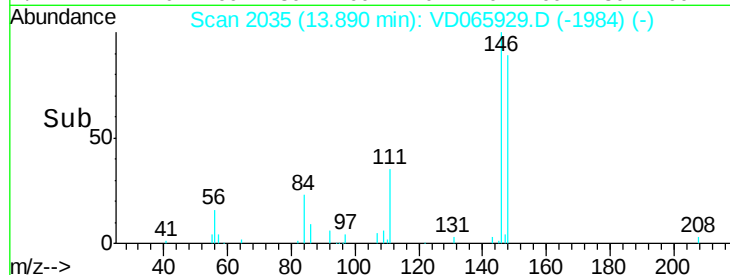
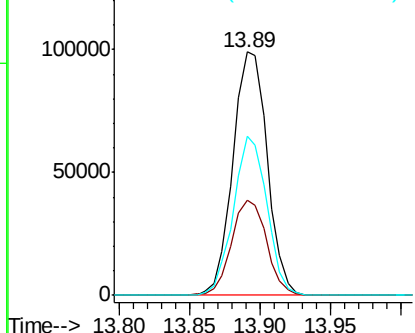
#91
 1,2-Dichlorobenzene
 Concen: 20.583 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	63.9	32.5	97.5

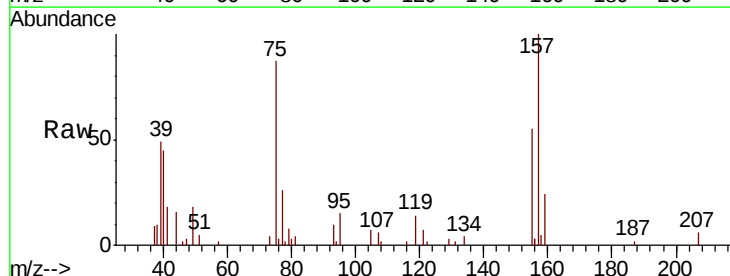


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

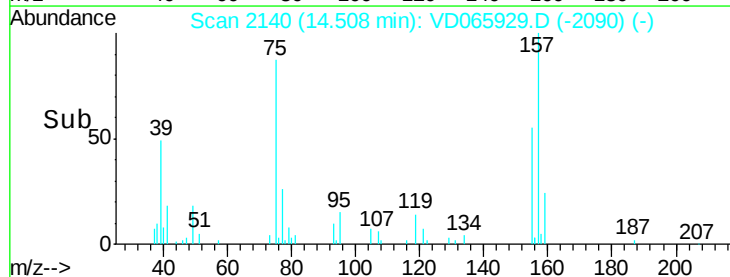
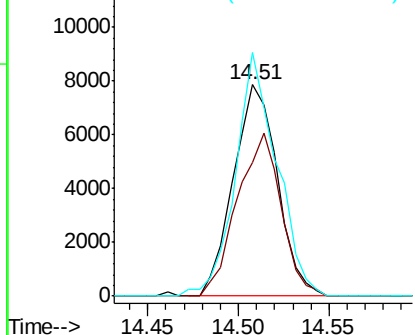


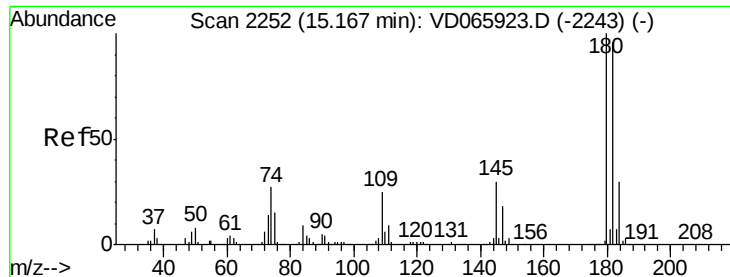
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 23.164 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.8	45.3	135.8
157	108.0	56.9	170.6



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

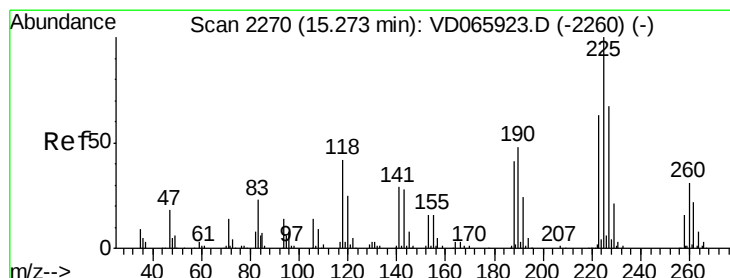
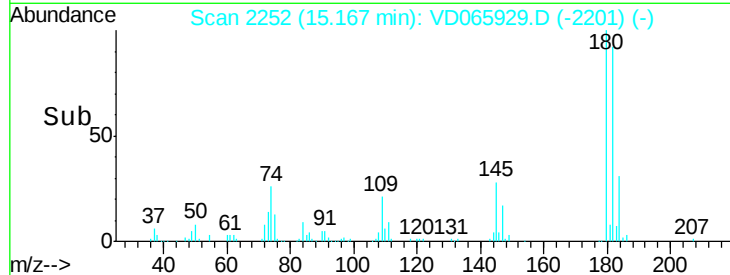
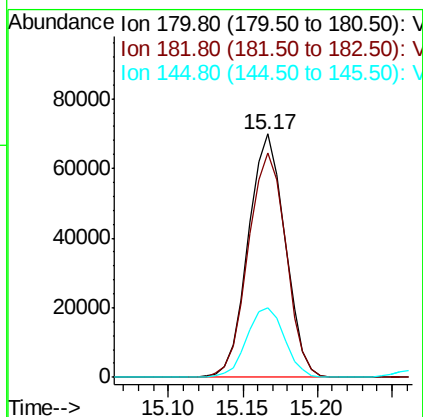
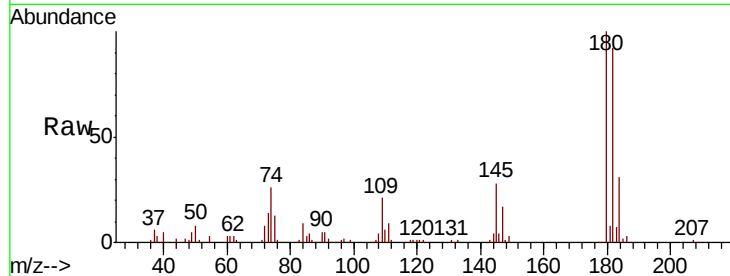




#93
 1,2,4-Trichlorobenzene
 Concen: 20.437 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

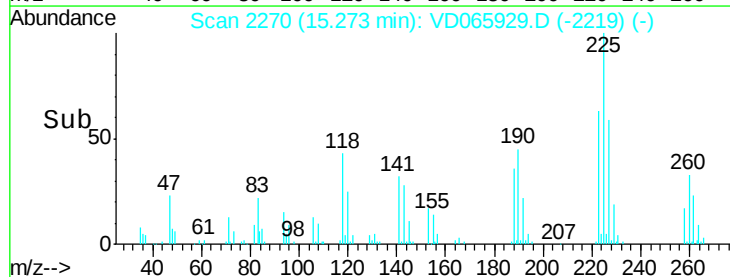
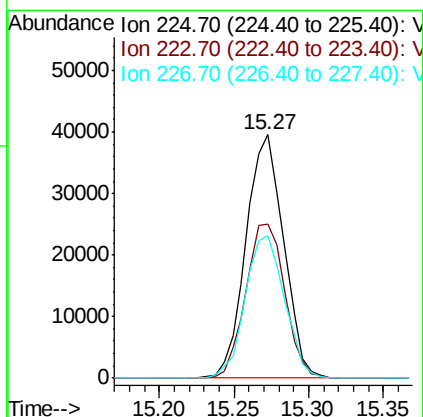
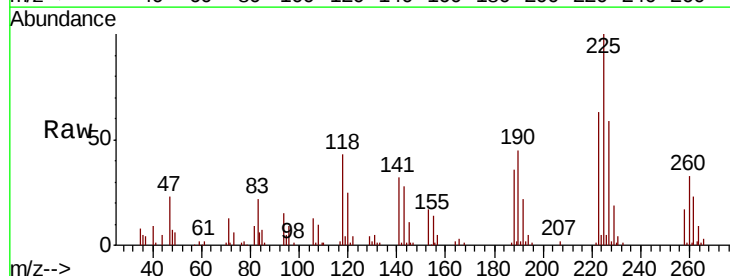
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0707SBSD01

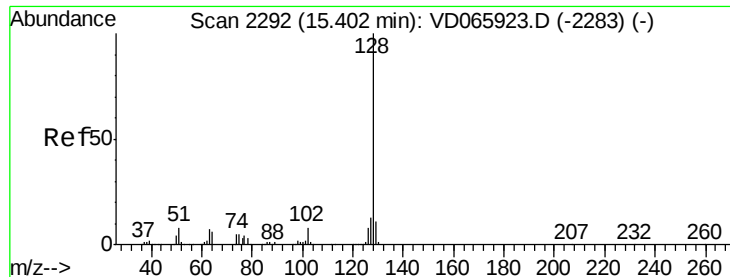
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.5	145.6
145	29.2	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 19.519 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065929.D
 Acq: 07 Jul 2020 19:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	31.1	93.2
227	61.1	31.6	95.0





#95

Naphthalene

Concen: 21.232 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

Instrument :

MSVOA_D

ClientSampleId :

VD0707SBSD01

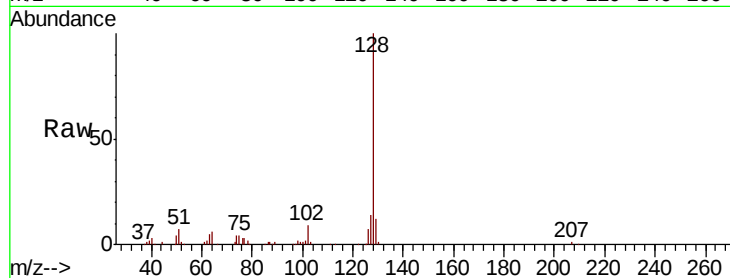
Tot Ion:128 Resp: 207857

Ion Ratio Lower Upper

128 100

127 13.8 10.8 16.2

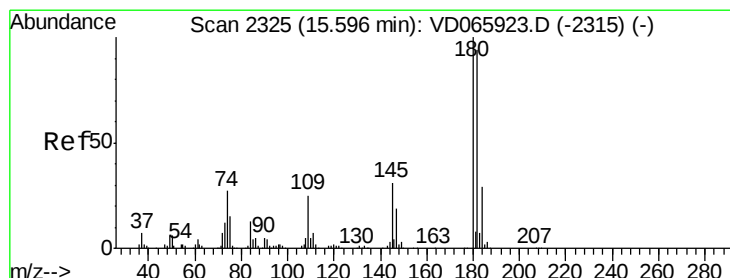
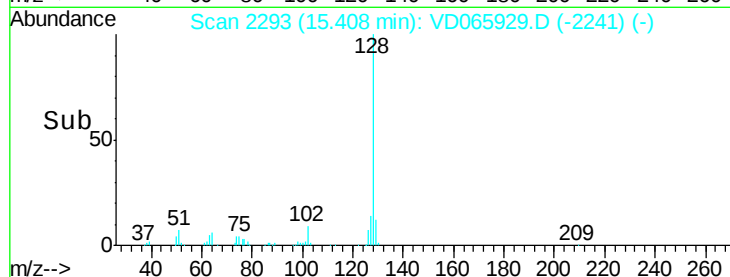
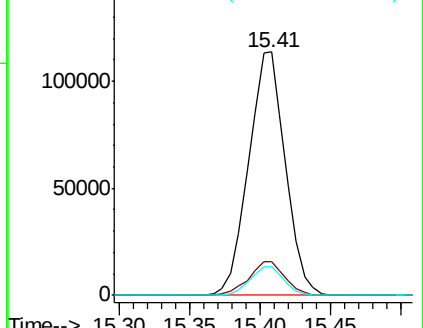
129 11.1 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.738 ug/l

RT: 15.60 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VD065929.D

Acq: 07 Jul 2020 19:05

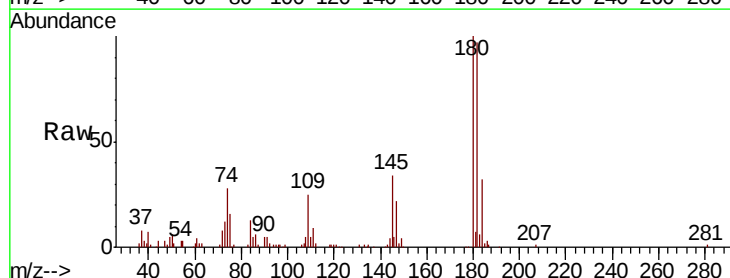
Tgt Ion:180 Resp: 104412

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.8

145 31.6 16.1 48.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

