

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065938.D
 Acq On : 08 Jul 2020 14:02
 Operator : VA/SY
 Sample : VD0708SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Quant Time: Jul 09 01:24:18 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	404753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	597939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	563642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	274182	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	165242	46.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.14%	
35) Dibromofluoromethane	7.91	113	179294	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
50) Toluene-d8	10.34	98	674501	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	12.63	95	235103	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.98	85	81080	22.533	ug/l	99
3) Chloromethane	2.21	50	72631	20.362	ug/l	100
4) Vinyl Chloride	2.35	62	65137	19.888	ug/l	96
5) Bromomethane	2.76	94	41261	19.888	ug/l	93
6) Chloroethane	2.92	64	37502	19.155	ug/l	90
7) Trichlorofluoromethane	3.27	101	144595	20.599	ug/l	99
8) Diethyl Ether	3.71	74	38457	19.970	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84842	20.206	ug/l	98
10) Methyl Iodide	4.30	142	81616	20.040	ug/l	98
11) Tert butyl alcohol	5.23	59	25262	97.887	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	82215	20.959	ug/l	95
13) Acrolein	3.93	56	21654	103.979	ug/l	97
14) Allyl chloride	4.71	41	131250	19.744	ug/l	97
15) Acrylonitrile	5.42	53	79681	94.502	ug/l	99
16) Acetone	4.16	43	69844	83.083	ug/l	98
17) Carbon Disulfide	4.40	76	259350	20.750	ug/l	96
18) Methyl Acetate	4.71	43	33294	16.896	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	164290	19.783	ug/l	99
20) Methylene Chloride	4.96	84	117605	20.189	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	89438	20.265	ug/l	95
22) Diisopropyl ether	6.36	45	254294	20.356	ug/l	97
23) Vinyl Acetate	6.31	43	694019	97.329	ug/l	100
24) 1,1-Dichloroethane	6.27	63	152528	20.476	ug/l	96
25) 2-Butanone	7.21	43	100818	90.758	ug/l	90
26) 2,2-Dichloropropane	7.20	77	129066	19.806	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	96537	20.358	ug/l	99
28) Bromochloromethane	7.55	49	63415	22.536	ug/l	99
29) Tetrahydrofuran	7.56	42	63574	90.002	ug/l	98
30) Chloroform	7.71	83	150367	19.912	ug/l	98
31) Cyclohexane	7.98	56	147878	20.176	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	142048	20.612	ug/l	98
36) 1,1-Dichloropropene	8.11	75	124586	21.097	ug/l	98
37) Ethyl Acetate	7.30	43	45114	18.232	ug/l #	94
38) Carbon Tetrachloride	8.10	117	129331	20.432	ug/l	93

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 Sample : VD0708SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
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Quant Time: Jul 09 01:24:18 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)
39) Methylcyclohexane	9.36	83	153777	21.210	ug/l	99
40) Benzene	8.36	78	351335	21.535	ug/l	96
41) Methacrylonitrile	7.52	41	27427	19.091	ug/l #	90
42) 1,2-Dichloroethane	8.43	62	93790	20.293	ug/l	99
43) Isopropyl Acetate	8.45	43	89072	19.339	ug/l	96
44) Trichloroethene	9.11	130	100714	21.010	ug/l	99
45) 1,2-Dichloropropane	9.39	63	85027	20.998	ug/l	99
46) Dibromomethane	9.48	93	42119	19.979	ug/l	99
47) Bromodichloromethane	9.66	83	118479	20.951	ug/l	92
48) Methyl methacrylate	9.46	41	45270	19.524	ug/l	96
49) 1,4-Dioxane	9.46	88	10797	431.035	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	223290	95.893	ug/l	99
52) Toluene	10.40	92	225124	21.690	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	109516	20.596	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	132072	20.556	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	61556	21.193	ug/l	98
56) Ethyl methacrylate	10.66	69	70156	19.775	ug/l	97
57) 1,3-Dichloropropane	10.95	76	102005	20.081	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	177190	103.130	ug/l	100
59) 2-Hexanone	10.98	43	155028	96.807	ug/l	99
60) Dibromochloromethane	11.14	129	80730	20.343	ug/l	99
61) 1,2-Dibromoethane	11.25	107	57812	19.963	ug/l	99
64) Tetrachloroethene	10.87	164	84966	20.729	ug/l	97
65) Chlorobenzene	11.67	112	238724	21.017	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85369	20.095	ug/l	97
67) Ethyl Benzene	11.74	91	421616	20.894	ug/l	99
68) m/p-Xylenes	11.85	106	323282	42.169	ug/l	100
69) o-Xylene	12.18	106	148422	21.253	ug/l	99
70) Styrene	12.20	104	253262	21.008	ug/l	99
71) Bromoform	12.36	173	47885	19.920	ug/l #	99
73) Isopropylbenzene	12.48	105	408500	21.348	ug/l	99
74) N-amyl acetate	12.29	43	79287	18.465	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	62419	19.648	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	82921	36.052	ug/l #	100
77) Bromobenzene	12.76	156	98736	21.274	ug/l	99
78) n-propylbenzene	12.82	91	483560	21.554	ug/l	100
79) 2-Chlorotoluene	12.91	91	268336	21.084	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	339714	21.705	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20982	19.602	ug/l	97
82) 4-Chlorotoluene	13.01	91	281399	21.074	ug/l	98
83) tert-Butylbenzene	13.23	119	289312	21.696	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	335348	21.525	ug/l	99
85) sec-Butylbenzene	13.40	105	404020	21.379	ug/l	99
86) p-Isopropyltoluene	13.52	119	372555	21.554	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	188075	21.656	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	183883	21.223	ug/l	99
89) n-Butylbenzene	13.84	91	340370	20.970	ug/l	99
90) Hexachloroethane	14.11	117	73071	20.964	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	157141	20.702	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10689	20.122	ug/l	96

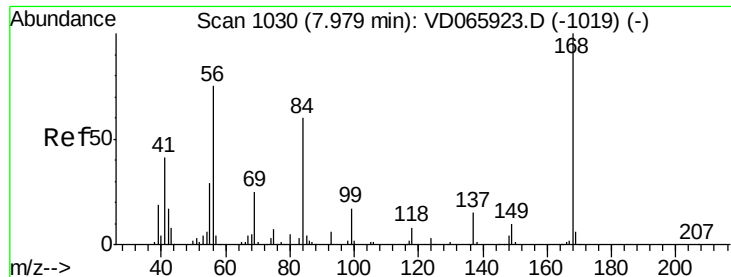
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070820\
Data File : VD065938.D
Acq On : 08 Jul 2020 14:02
Operator : VA/SY
Sample : VD0708SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
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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	113763	21.029	ug/l	98
94) Hexachlorobutadiene	15.27	225	68785	21.020	ug/l	97
95) Naphthalene	15.40	128	175327	19.324	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	97121	20.814	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

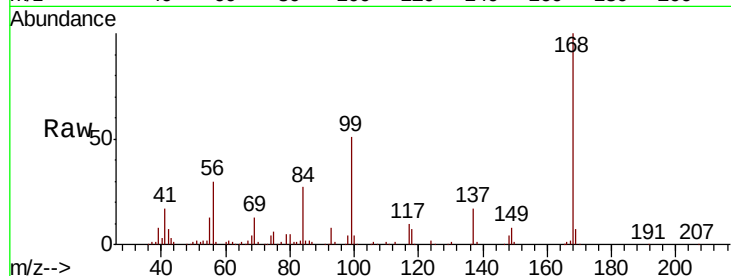
VD0708SBS01

Tot Ion:168 Resp: 404753

Ion Ratio Lower Upper

168 100

99 51.0 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

200000

150000

100000

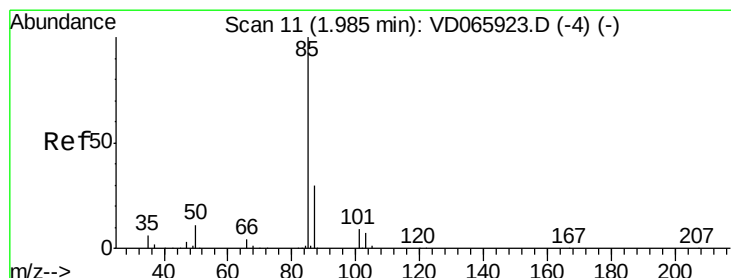
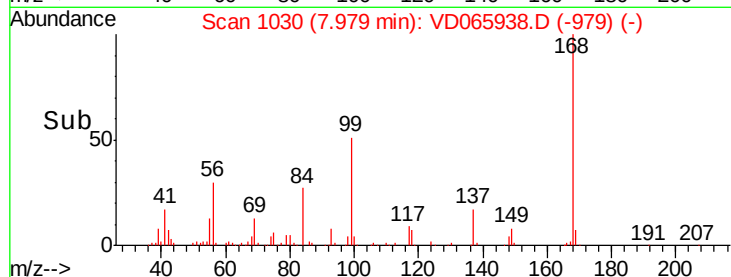
50000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.533 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065938.D

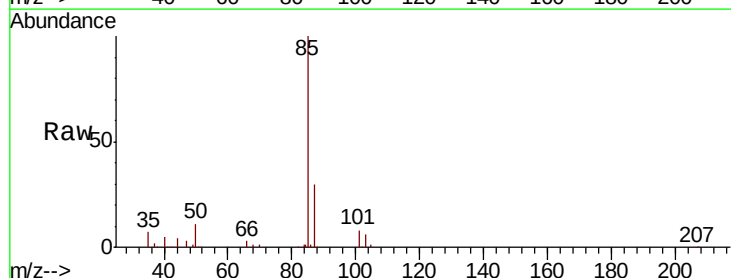
Acq: 08 Jul 2020 14:02

Tgt Ion: 85 Resp: 81080

Ion Ratio Lower Upper

85 100

87 30.3 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

60000

40000

20000

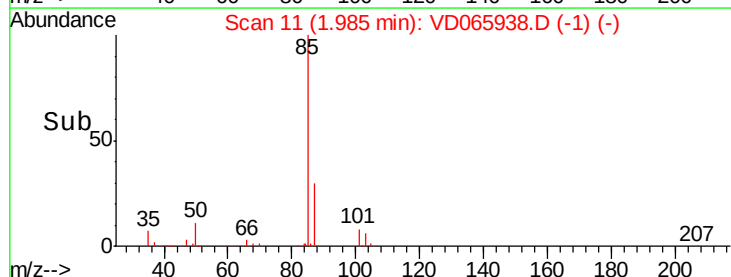
0

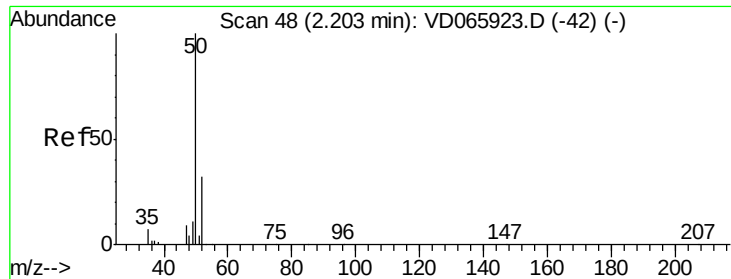
1.95

2.00

2.05

Time-->





#3

Chloromethane

Concen: 20.362 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

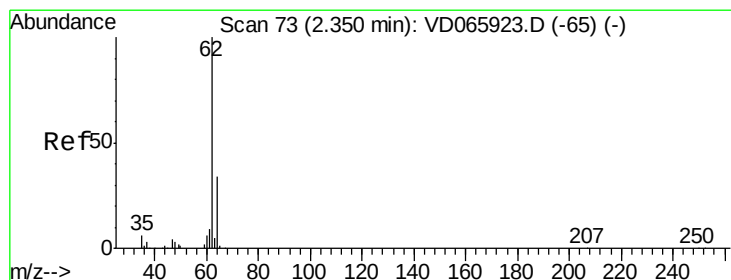
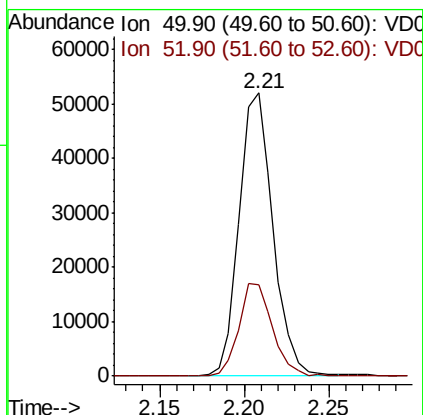
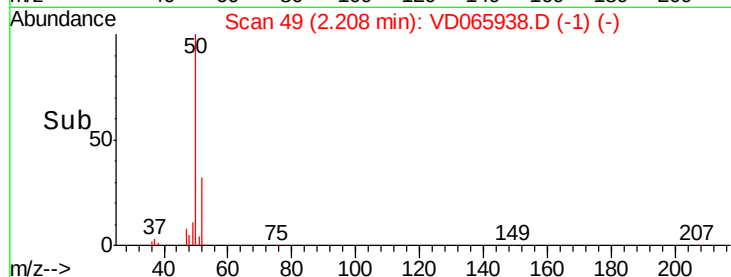
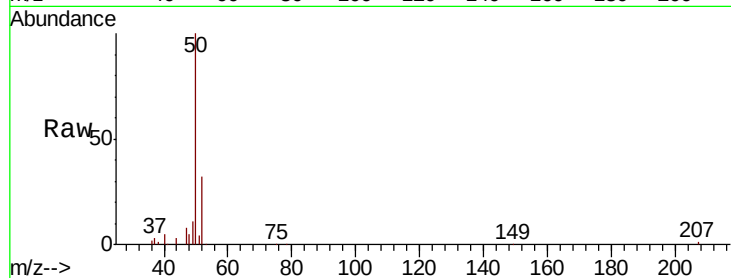
VD0708SBS01

Tot Ion: 50 Resp: 72631

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 19.888 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065938.D

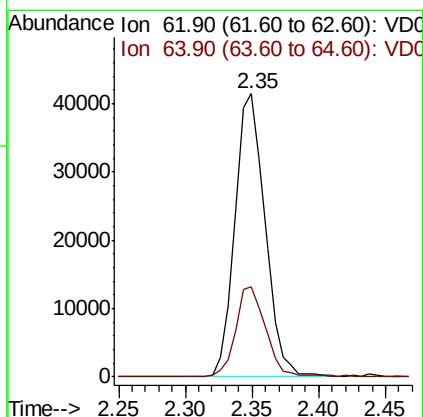
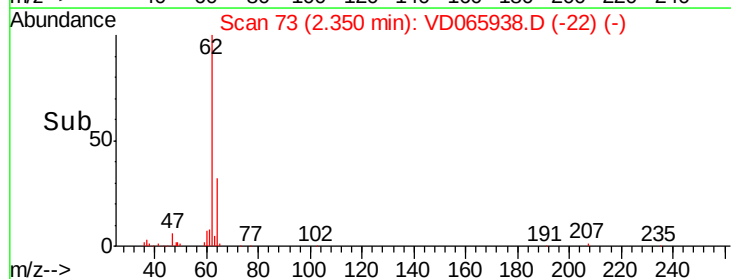
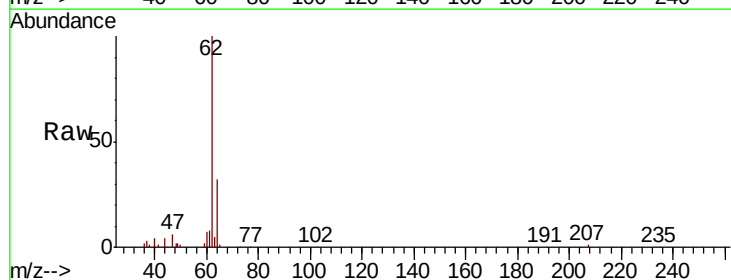
Acq: 08 Jul 2020 14:02

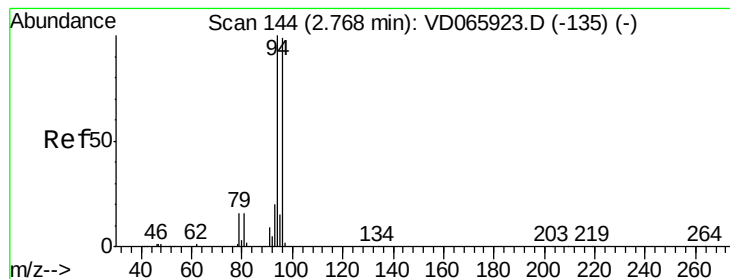
Tgt Ion: 62 Resp: 65137

Ion Ratio Lower Upper

62 100

64 31.7 27.2 40.8





#5

Bromomethane

Concen: 19.888 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

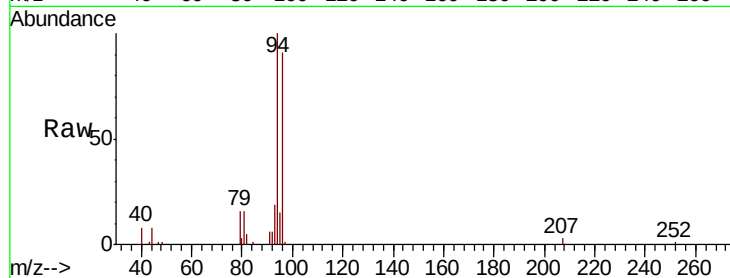
VD0708SBS01

Tot Ion: 94 Resp: 41261

Ion Ratio Lower Upper

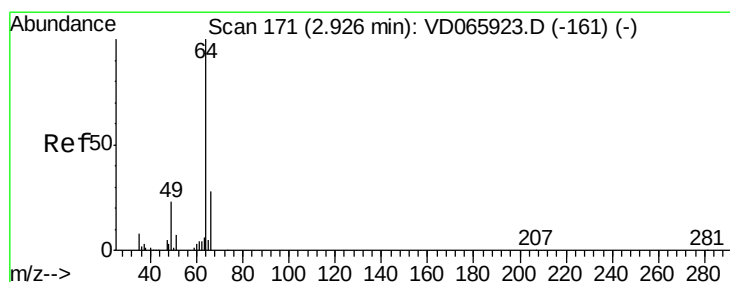
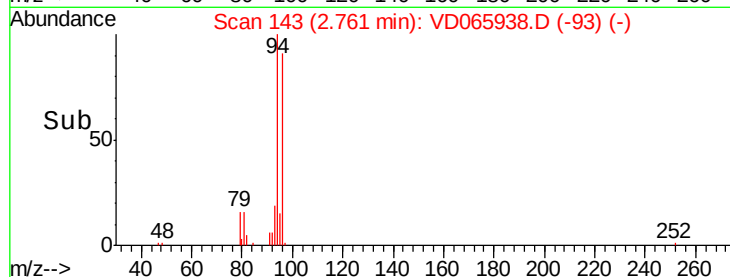
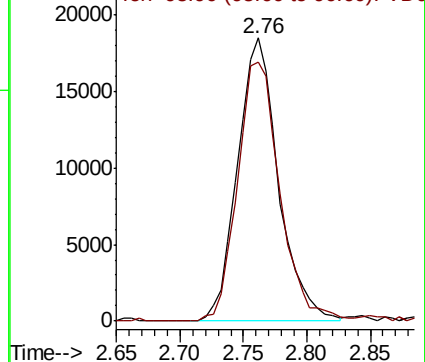
94 100

96 91.3 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: 19.155 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.01 min

Lab File: VD065938.D

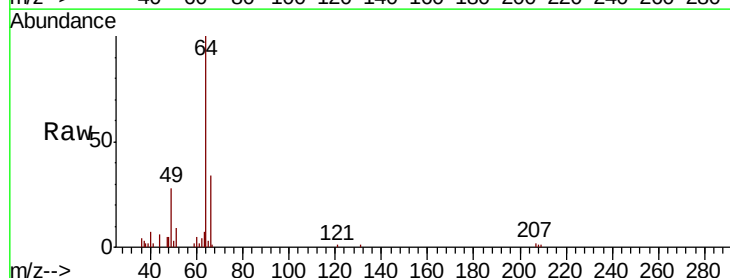
Acq: 08 Jul 2020 14:02

Tgt Ion: 64 Resp: 37502

Ion Ratio Lower Upper

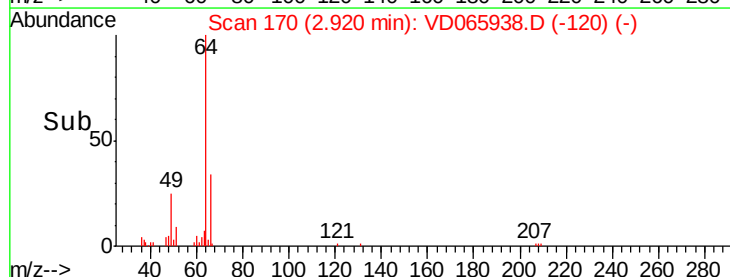
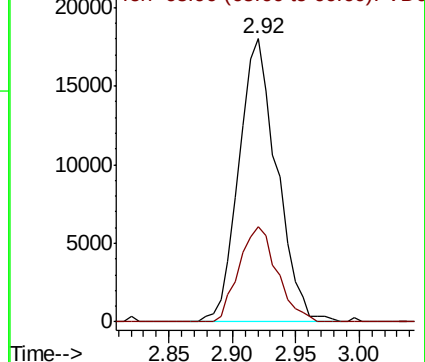
64 100

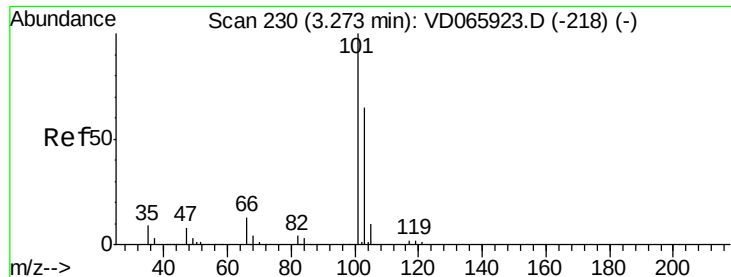
66 33.7 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



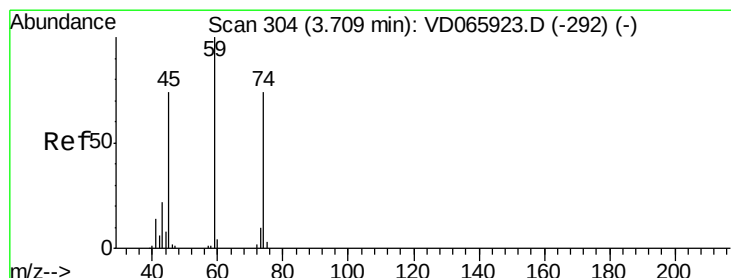
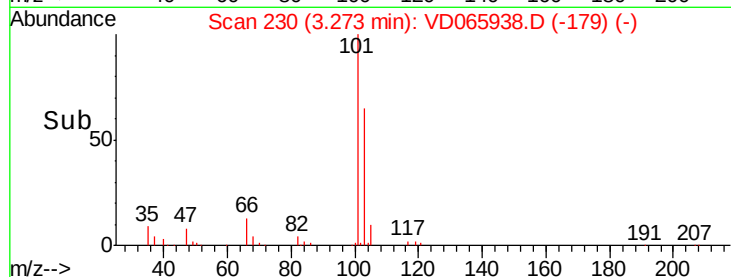
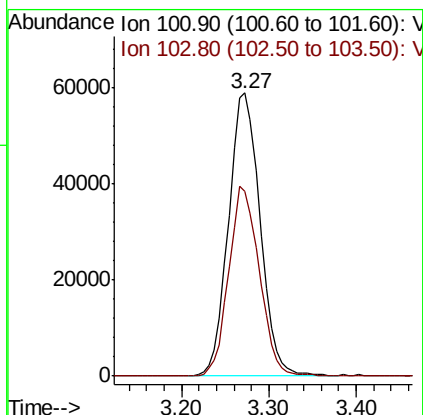
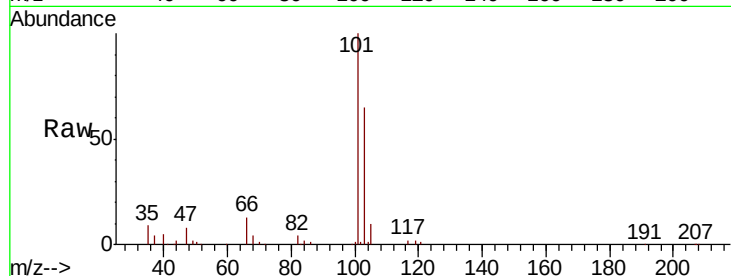


#7

Trichlorofluoromethane
 Concen: 20.599 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

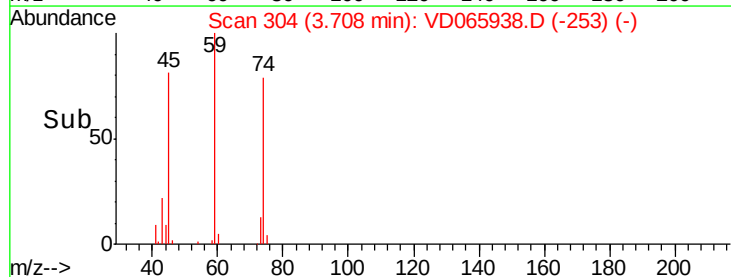
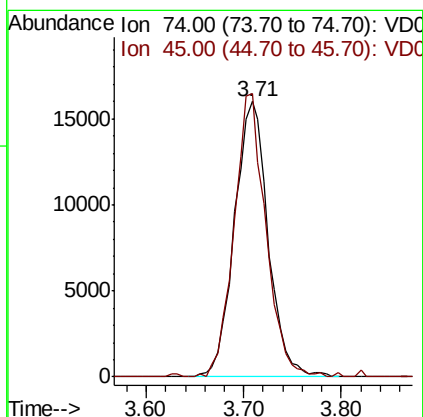
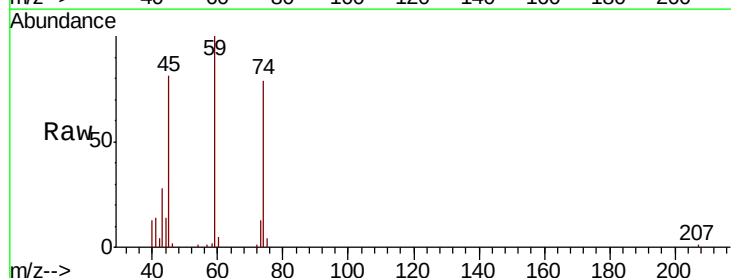
Tot Ion:101 Resp: 144595
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.7 77.5

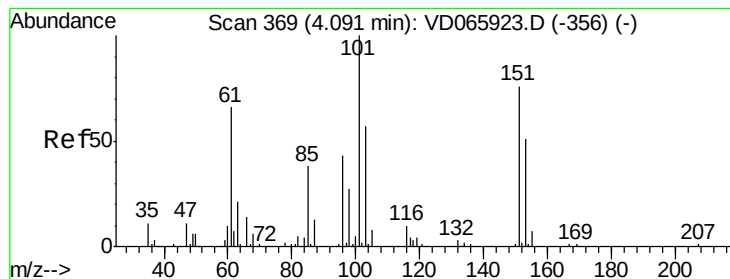


#8

Diethyl Ether
 Concen: 19.970 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 74 Resp: 38457
 Ion Ratio Lower Upper
 74 100
 45 97.0 51.1 153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.206 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBSD01

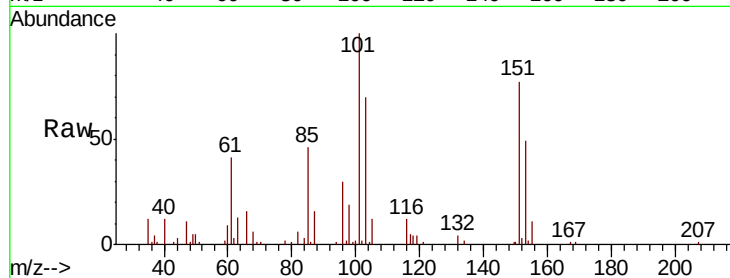
Tot Ion:101 Resp: 84842

Ion Ratio Lower Upper

101 100

85 42.8 33.8 50.8

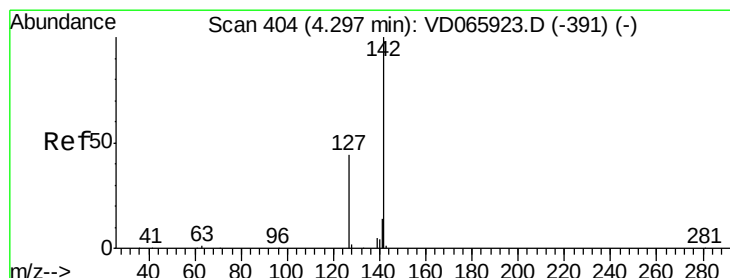
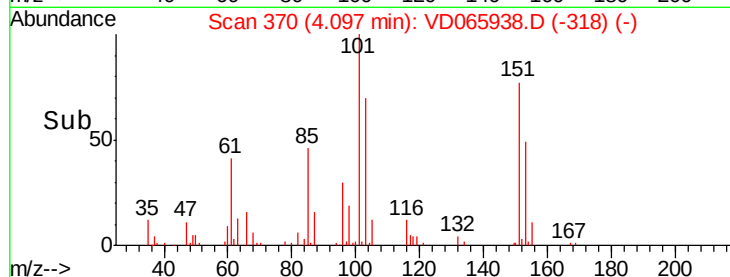
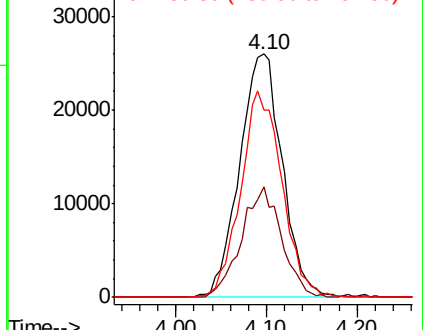
151 82.0 64.1 96.1



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: 20.040 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

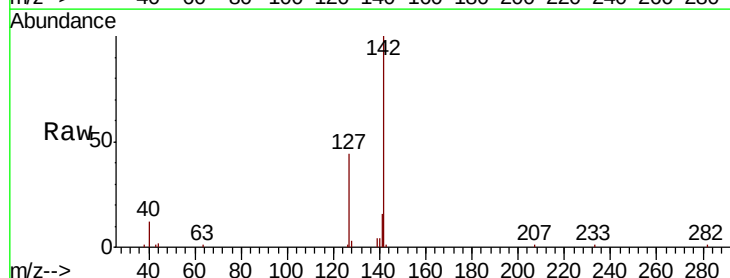
Tgt Ion:142 Resp: 81616

Ion Ratio Lower Upper

142 100

127 44.3 34.6 51.8

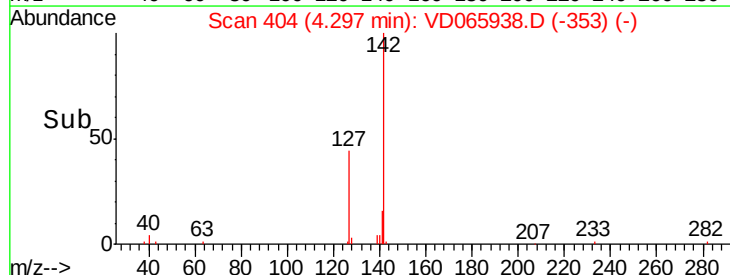
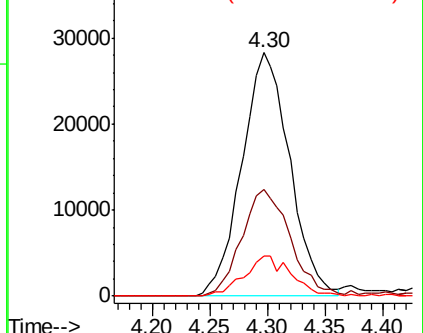
141 16.2 11.6 17.4

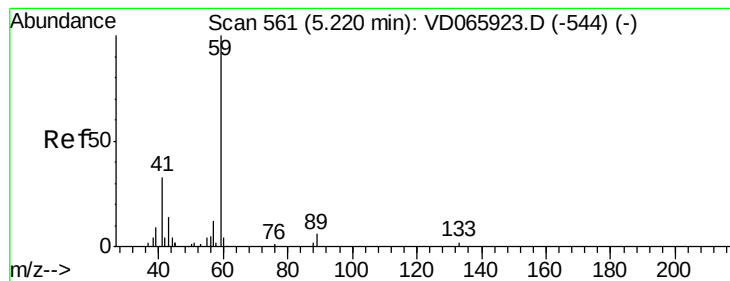


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.887 ug/l

RT: 5.23 min Scan# 562

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

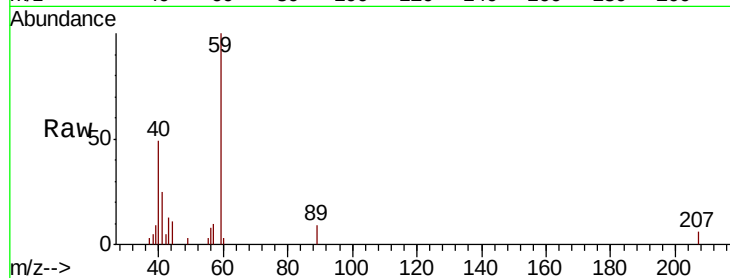
VD0708SBS01

Tot Ion: 59 Resp: 25262

Ion Ratio Lower Upper

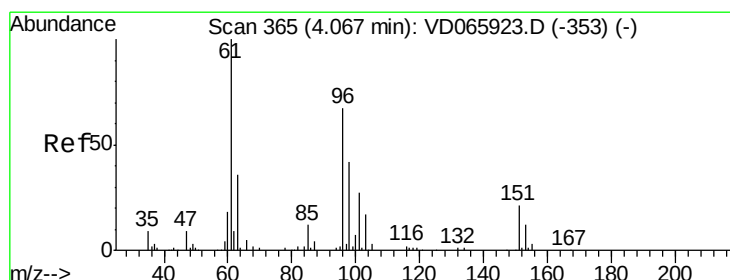
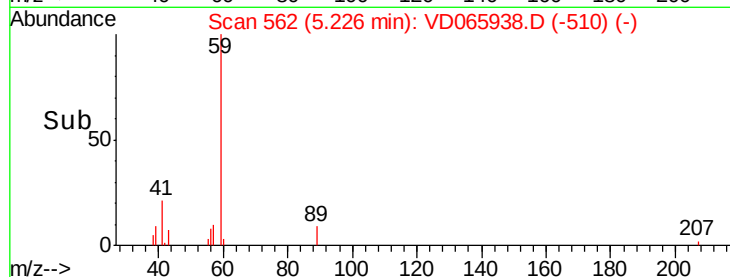
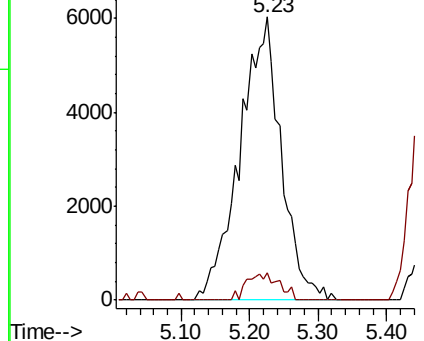
59 100

57 7.5 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VDC

Ion 57.00 (56.70 to 57.70): VDC



#12

1,1-Dichloroethene

Concen: 20.959 ug/l

RT: 4.07 min Scan# 365

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

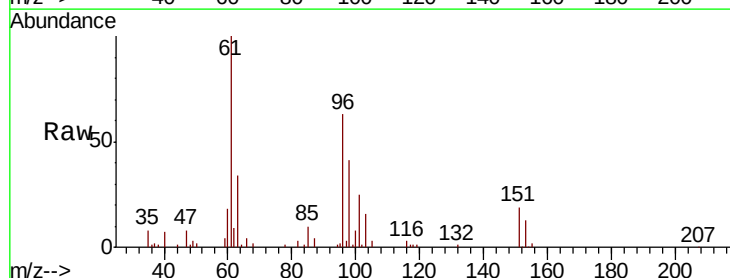
Tgt Ion: 96 Resp: 82215

Ion Ratio Lower Upper

96 100

61 159.2 120.2 180.2

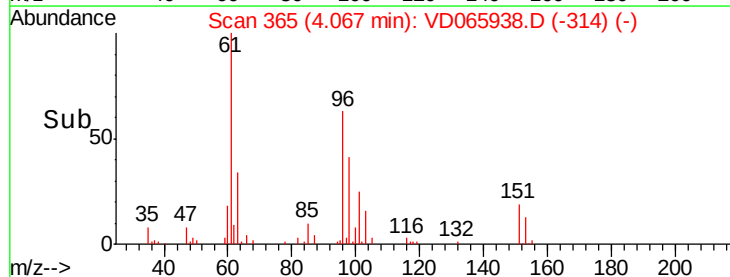
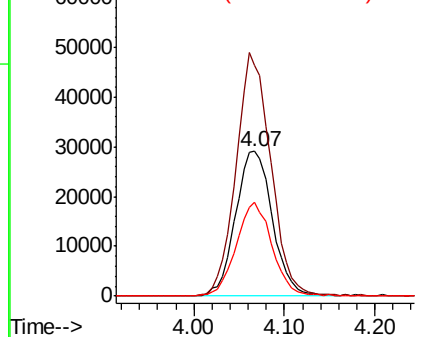
98 64.6 50.6 76.0

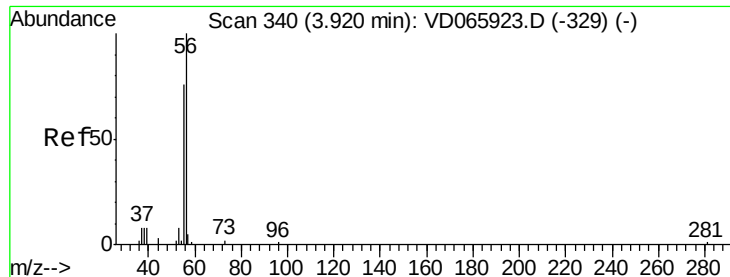


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#13

Acrolein

Concen: 103.979 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

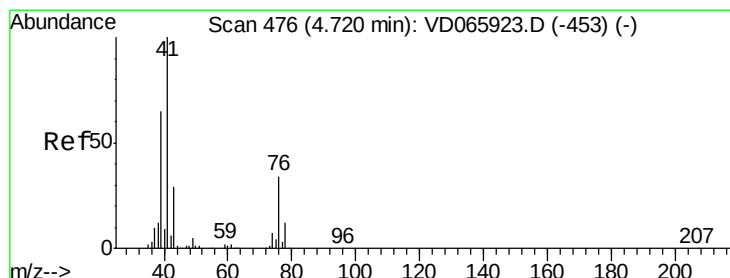
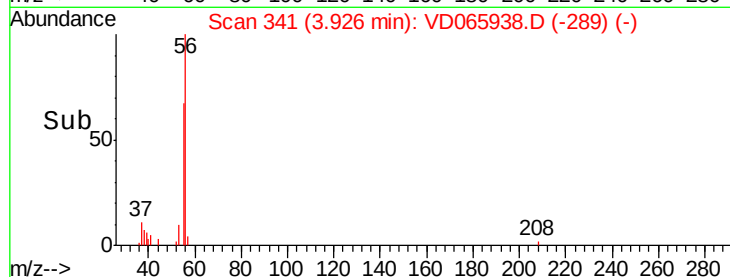
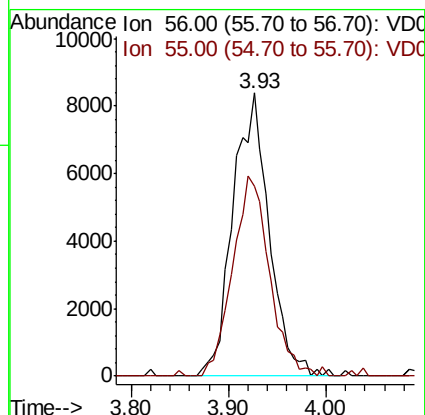
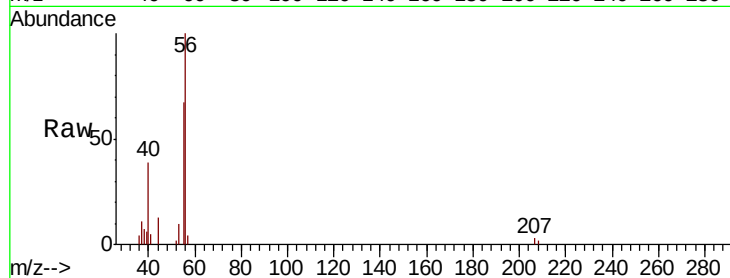
VD0708SBSD01

Tot Ion: 56 Resp: 21654

Ion Ratio Lower Upper

56 100

55 71.5 55.0 82.6



#14

Allyl chloride

Concen: 19.744 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

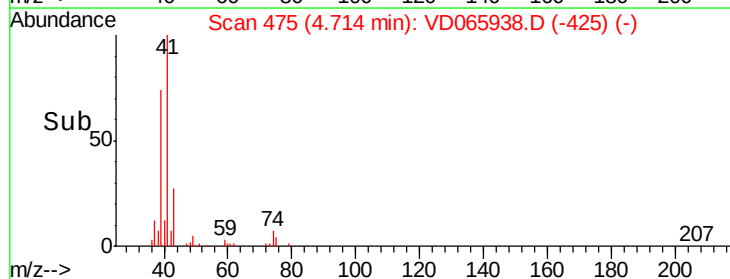
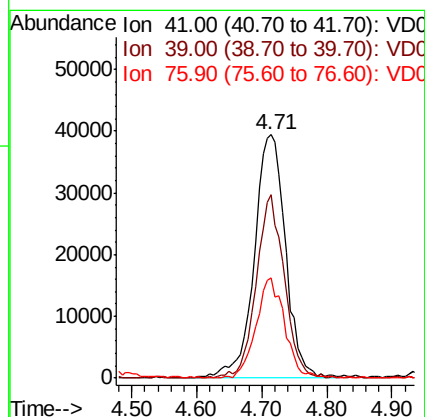
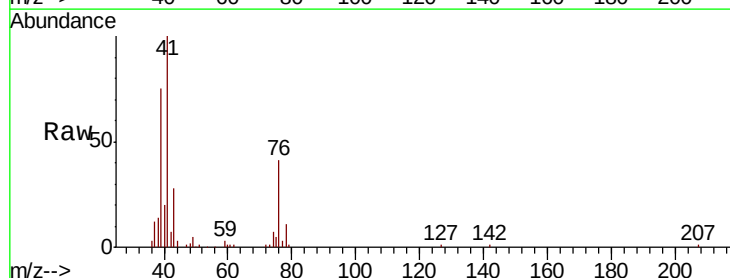
Tgt Ion: 41 Resp: 131250

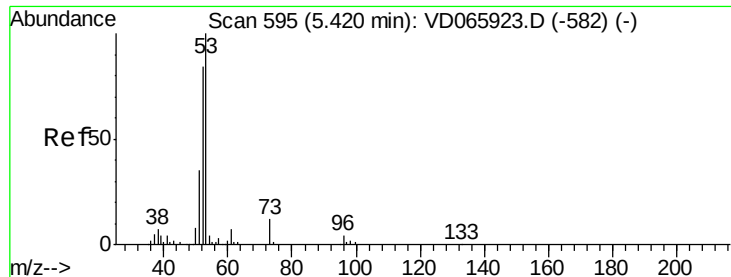
Ion Ratio Lower Upper

41 100

39 67.4 52.2 78.4

76 37.8 28.1 42.1





#15

Acrylonitrile

Concen: 94.502 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

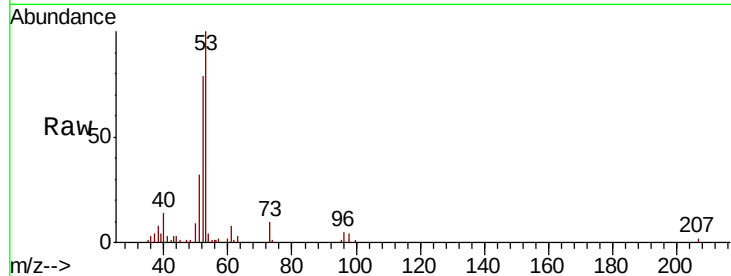
Tot Ion: 53 Resp: 79681

Ion Ratio Lower Upper

53 100

52 83.4 66.3 99.5

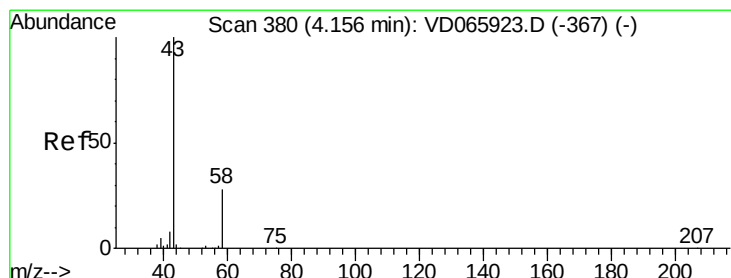
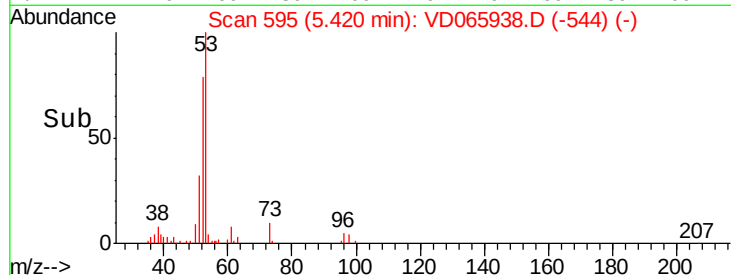
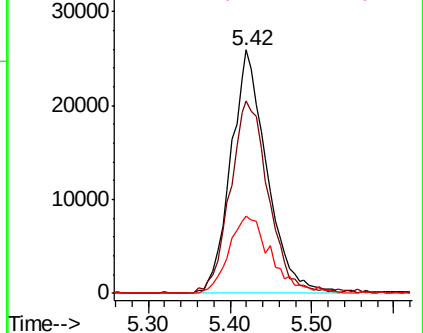
51 36.7 29.8 44.8



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: 83.083 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD065938.D

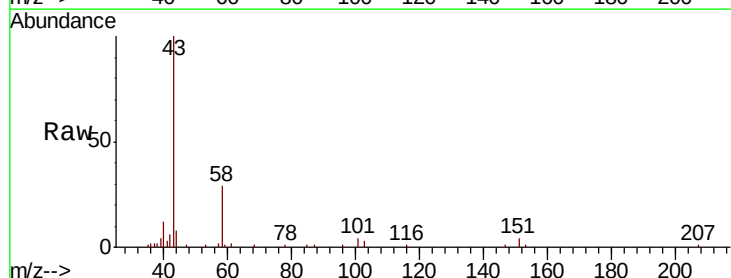
Acq: 08 Jul 2020 14:02

Tgt Ion: 43 Resp: 69844

Ion Ratio Lower Upper

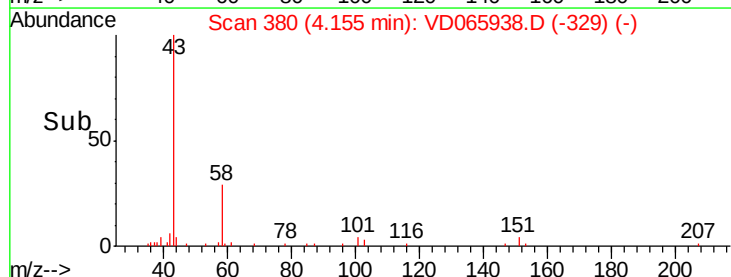
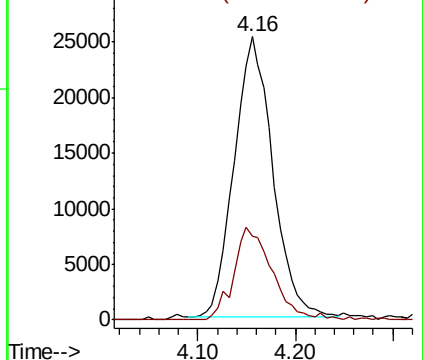
43 100

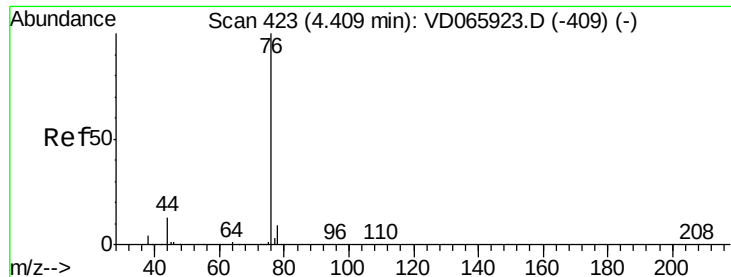
58 29.6 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

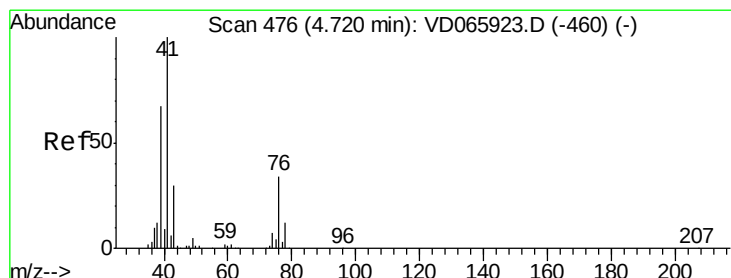
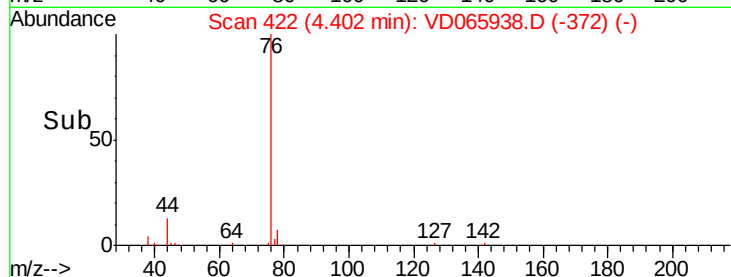
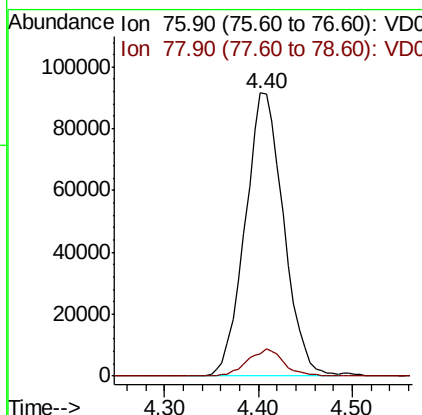
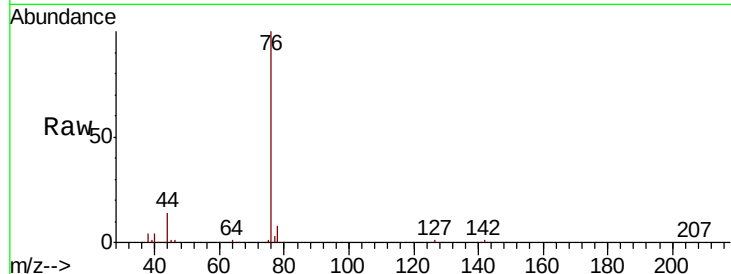




#17
Carbon Disulfide
Concen: 20.750 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

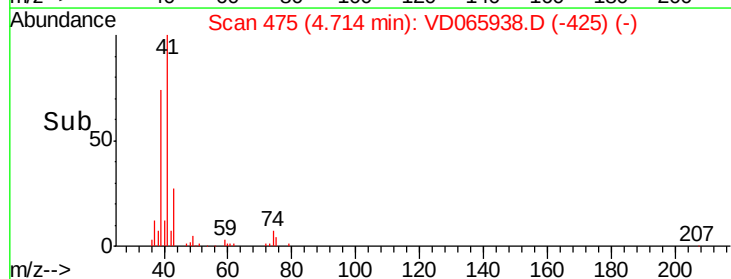
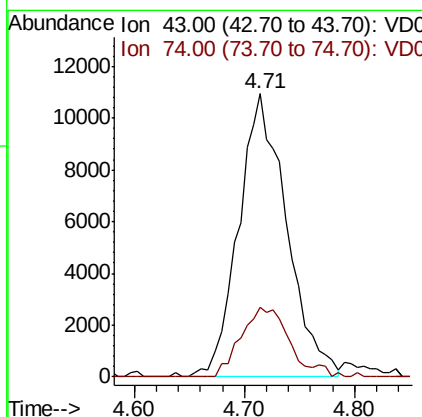
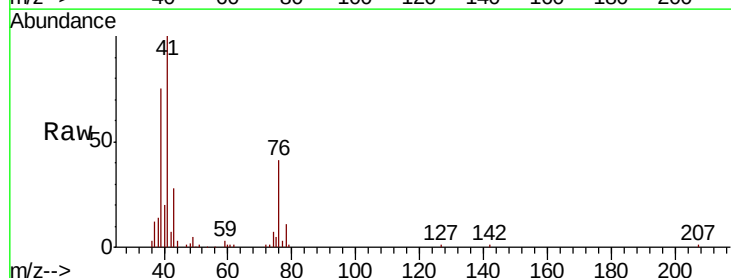
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

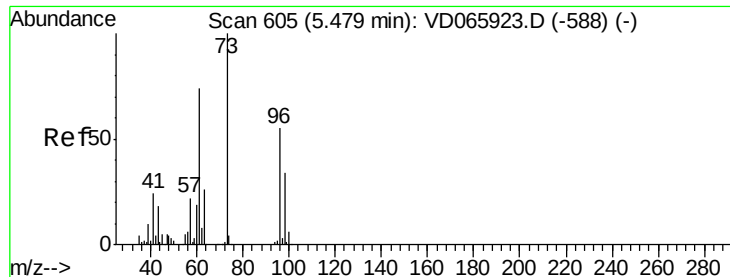
Tot Ion: 76 Resp: 259350
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 16.896 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 43 Resp: 33294
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8



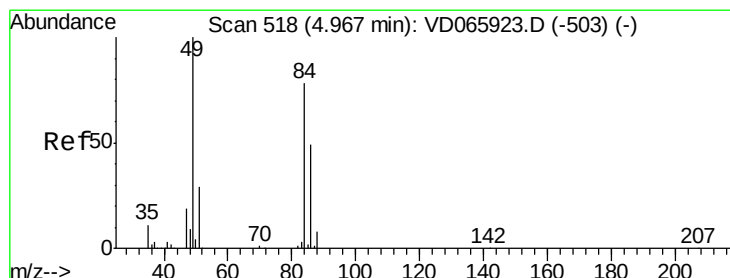
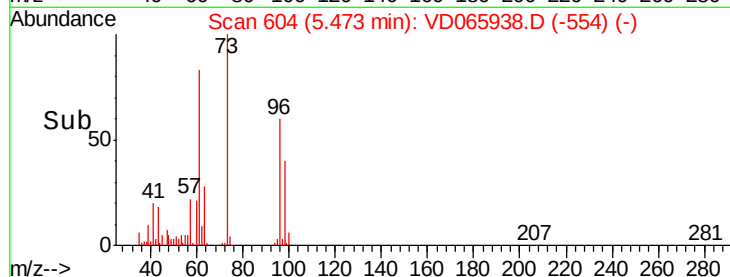
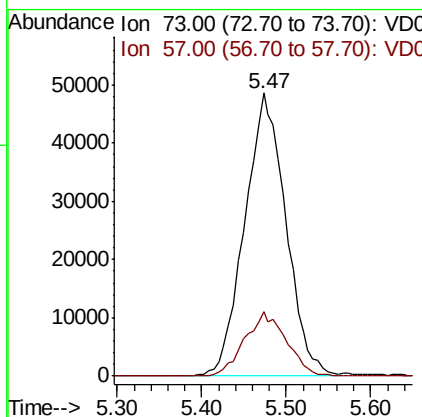
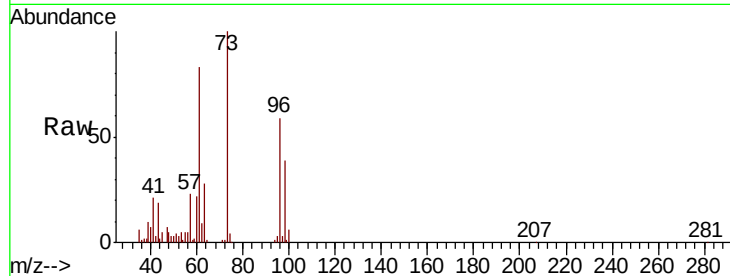


#19

Methyl tert-butyl Ether
 Concen: 19.783 ug/l
 RT: 5.47 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0708SBS01

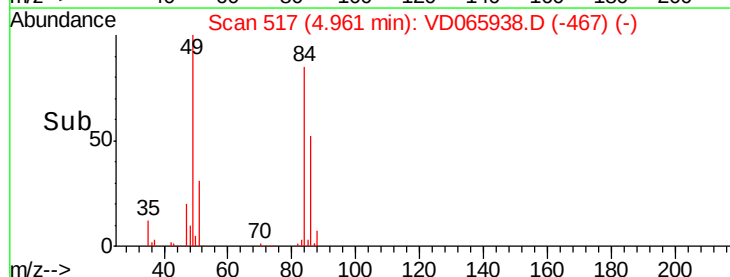
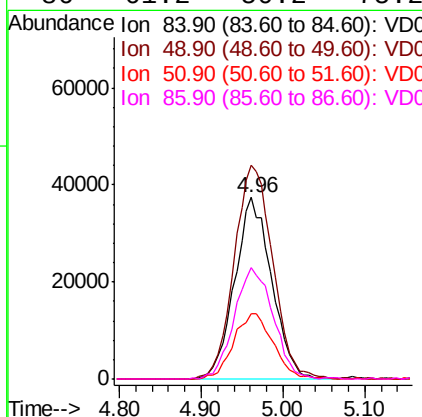
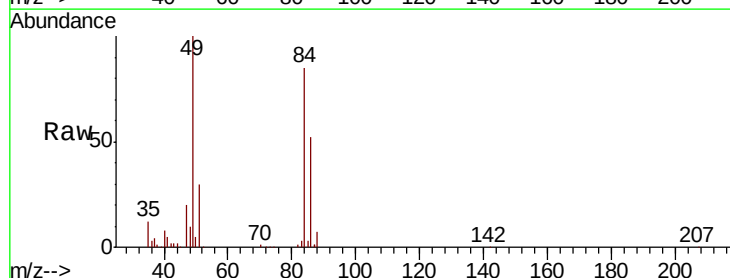
Tot Ion: 73 Resp: 164290
 Ion Ratio Lower Upper
 73 100
 57 22.6 17.7 26.5

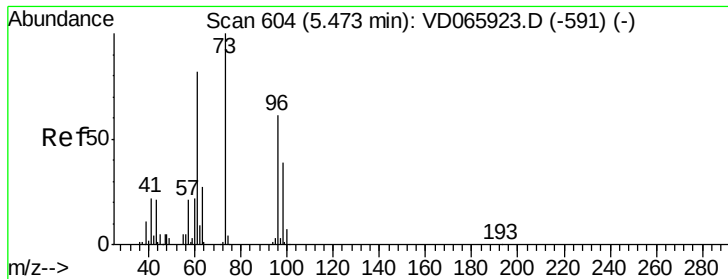


#20

Methylene Chloride
 Concen: 20.189 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 84 Resp: 117605
 Ion Ratio Lower Upper
 84 100
 49 117.7 102.2 153.2
 51 35.9 29.8 44.6
 86 61.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.265 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

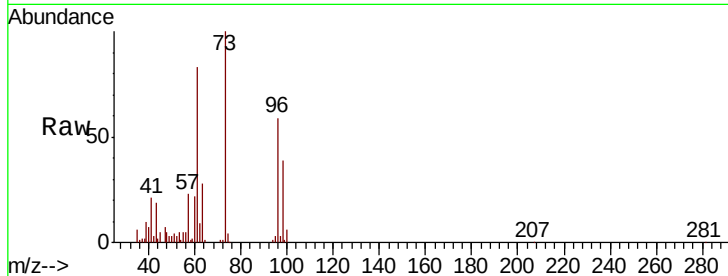
Tot Ion: 96 Resp: 89438

Ion Ratio Lower Upper

96 100

61 140.7 106.6 160.0

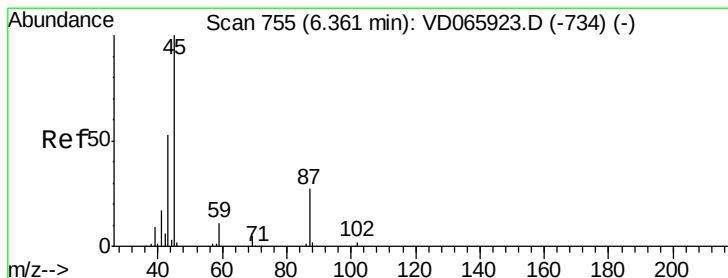
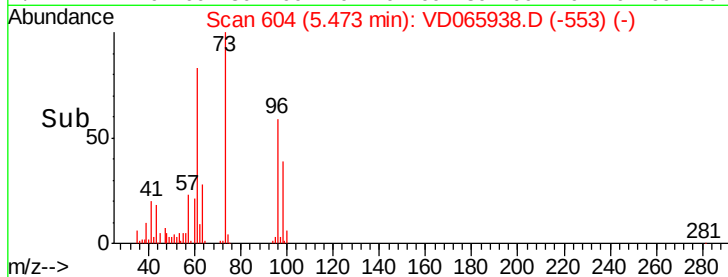
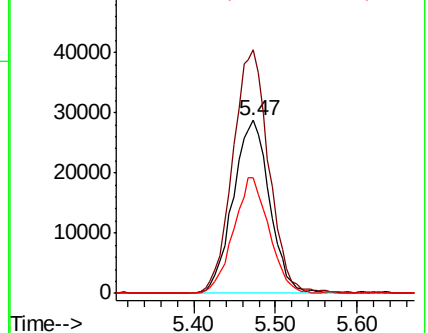
98 66.7 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 20.356 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion: 45 Resp: 254294

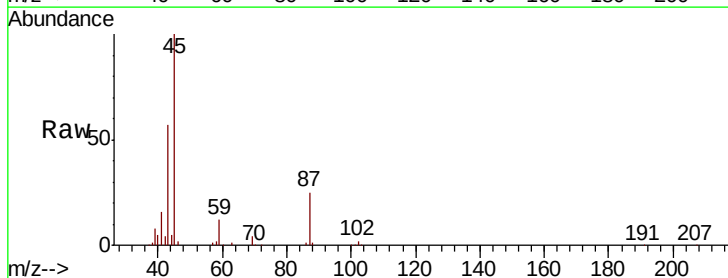
Ion Ratio Lower Upper

45 100

43 55.1 42.5 63.7

87 25.1 22.2 33.2

59 11.6 8.9 13.3

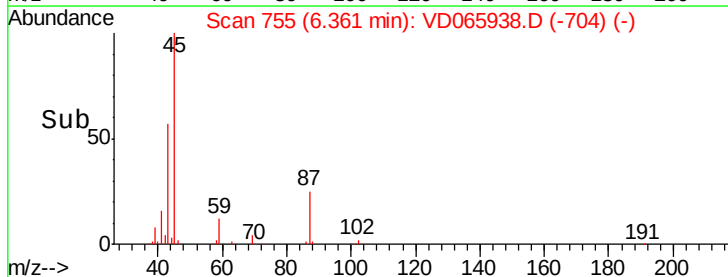
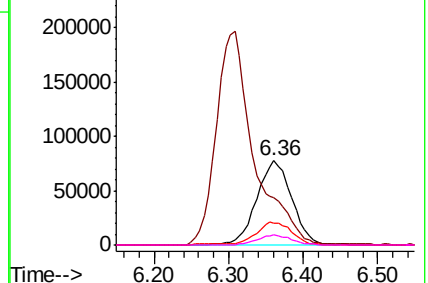


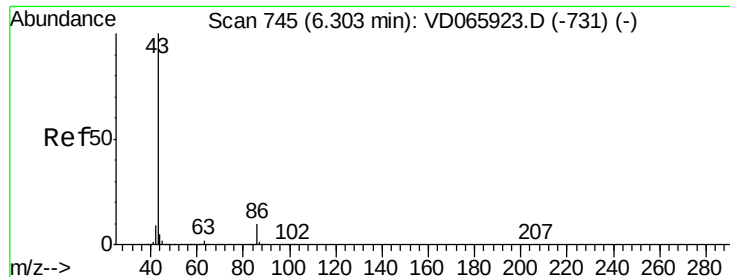
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 97.329 ug/l

RT: 6.31 min Scan# 746

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

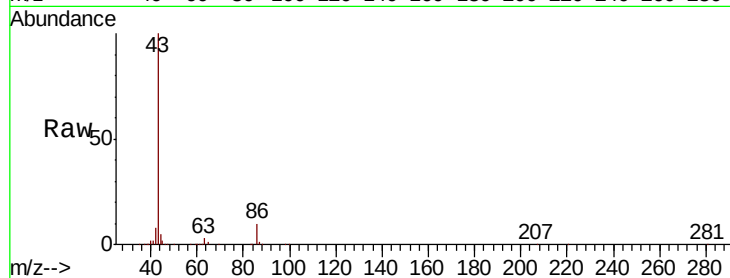
VD0708SBS01

Tot Ion: 43 Resp: 694019

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

200000

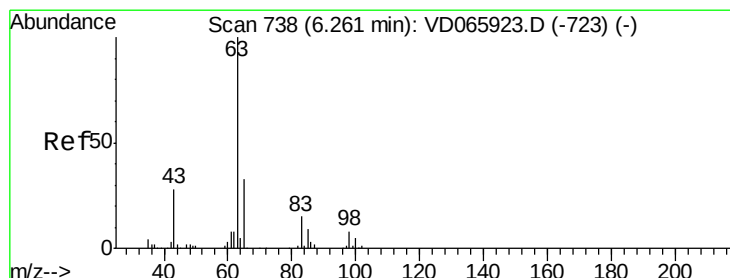
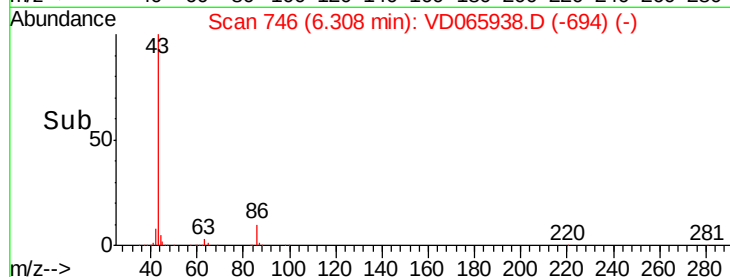
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.476 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

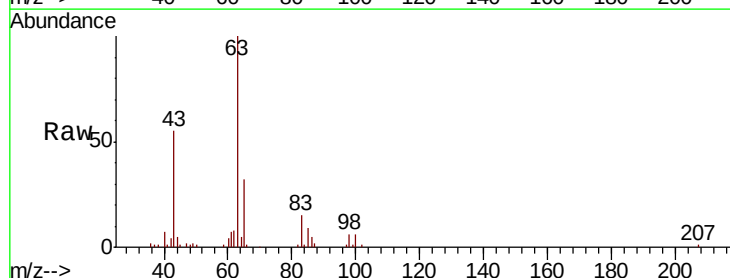
Tgt Ion: 63 Resp: 152528

Ion Ratio Lower Upper

63 100

98 5.9 3.8 11.4

100 5.9 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

6.27

60000

50000

40000

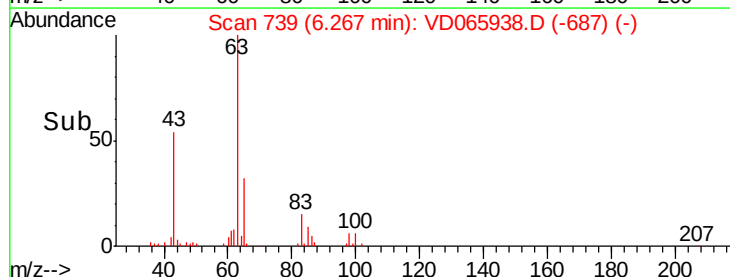
30000

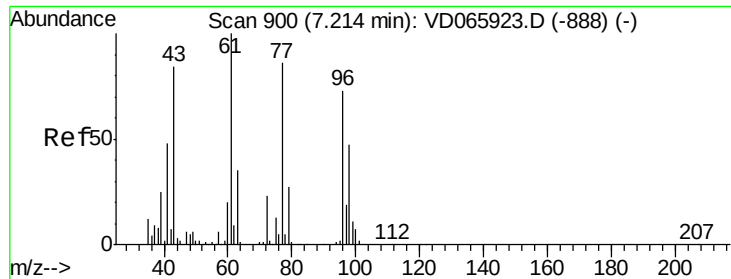
20000

10000

0

Time-->

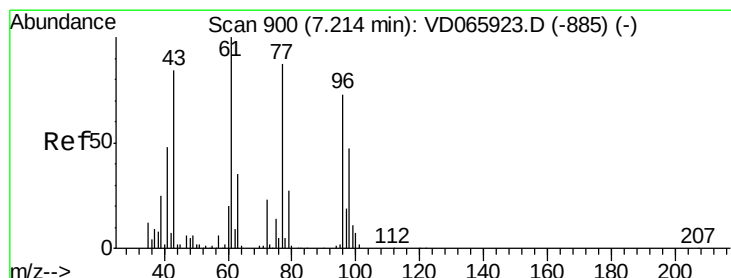
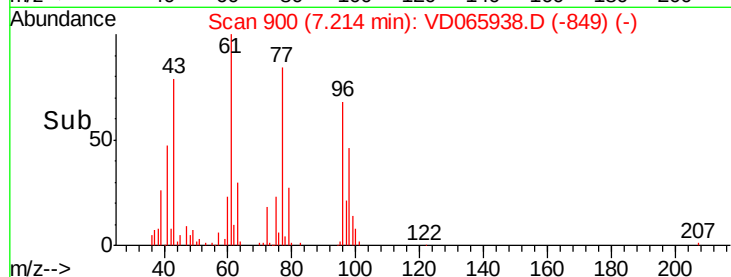
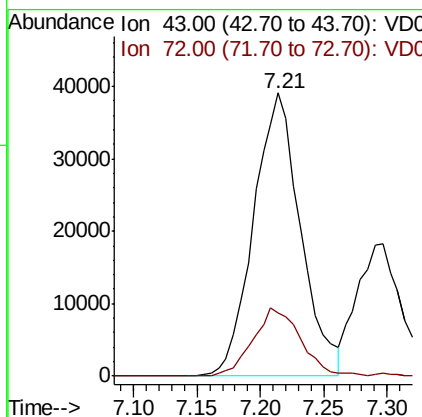
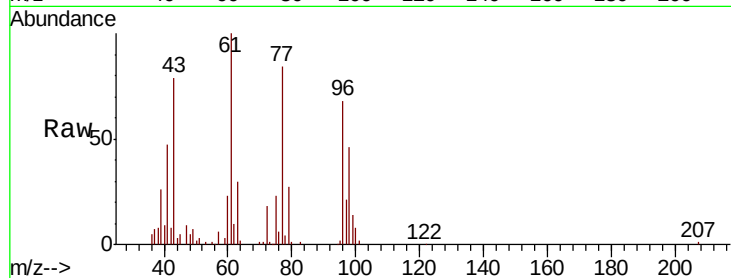




#25
2-Butanone
Concen: 90.758 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

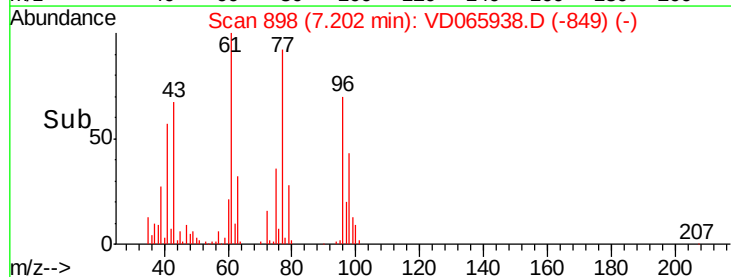
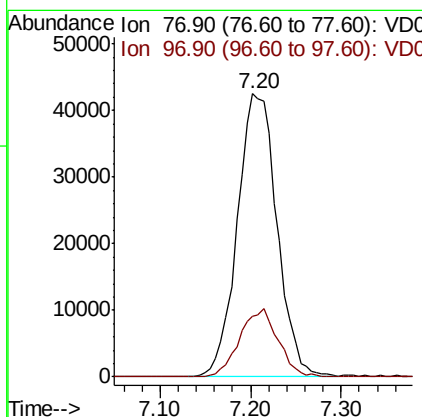
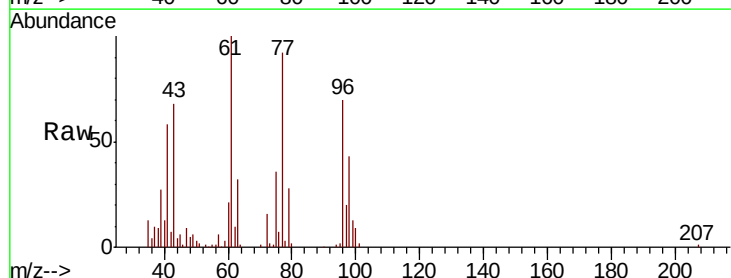
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

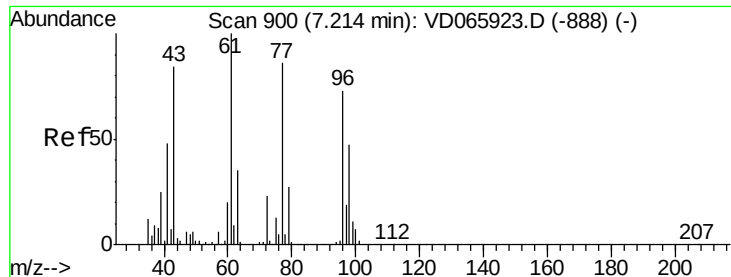
Tot Ion: 43 Resp: 100818
Ion Ratio Lower Upper
43 100
72 22.4 22.1 33.1



#26
2,2-Dichloropropane
Concen: 19.806 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 77 Resp: 129066
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.8



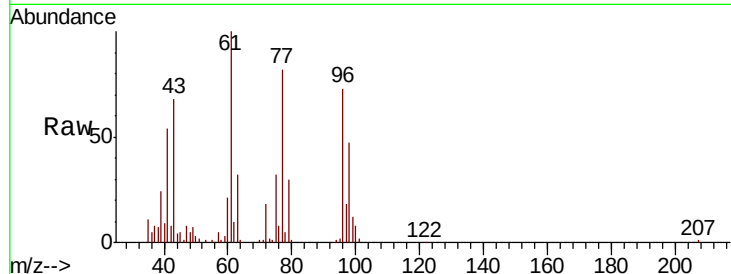


#27

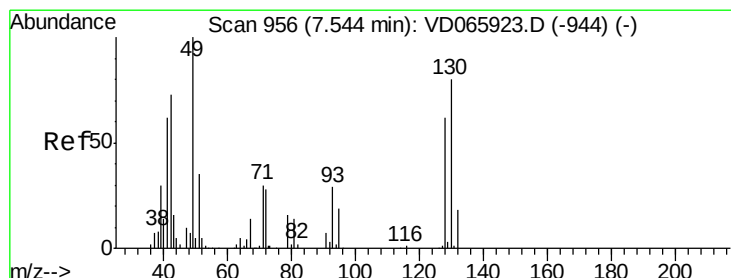
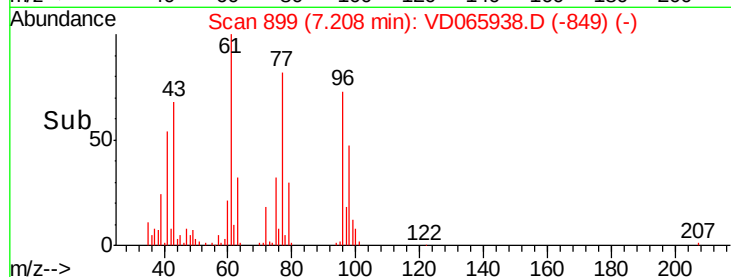
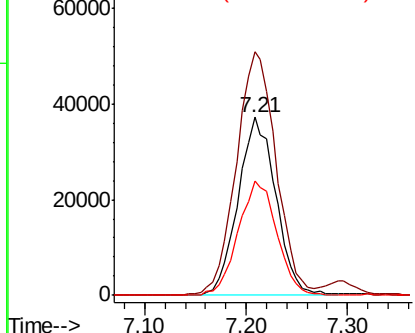
cis-1,2-Dichloroethene
 Concen: 20.358 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

Tot Ion	96	Resp	96537
Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	286.6
98	65.5	0.0	128.2



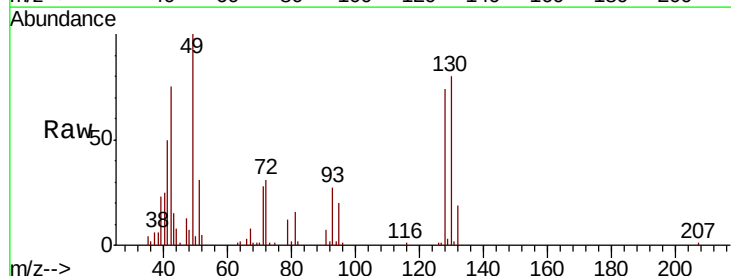
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



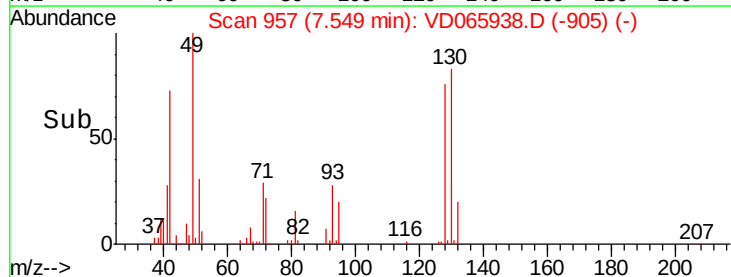
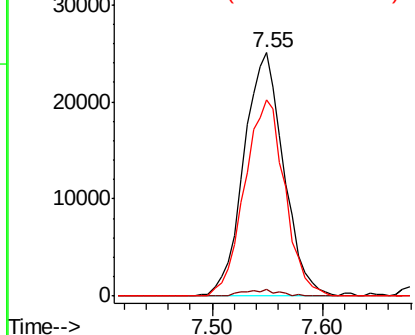
#28

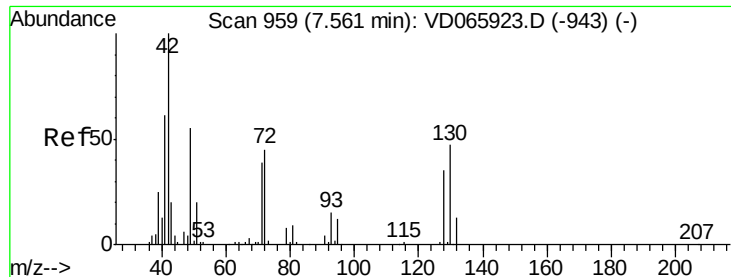
Bromochloromethane
 Concen: 22.536 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	49	Resp	63415
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	81.4	65.8	98.8



Abundance Ion 48.90 (48.60 to 49.60): VDC
 Ion 128.80 (128.50 to 129.50): VDC
 Ion 129.80 (129.50 to 130.50): VDC

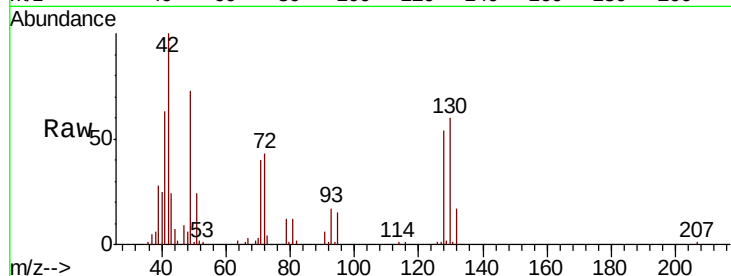




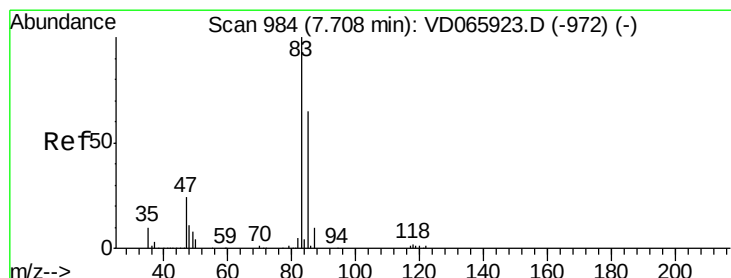
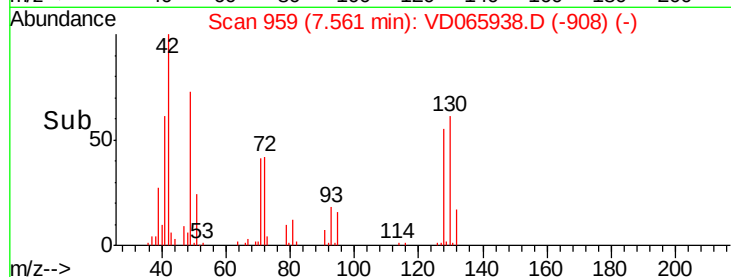
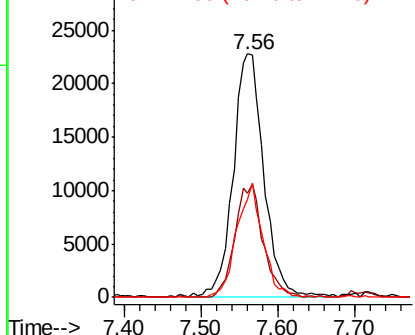
#29
Tetrahydrofuran
Concen: 90.002 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion: 42 Resp: 63574
Ion Ratio Lower Upper
42 100
72 42.8 32.8 49.2
71 40.0 31.0 46.4

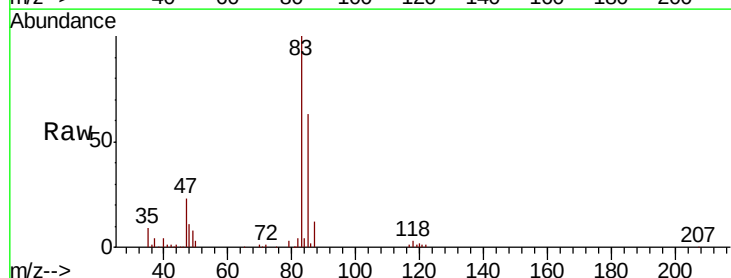


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

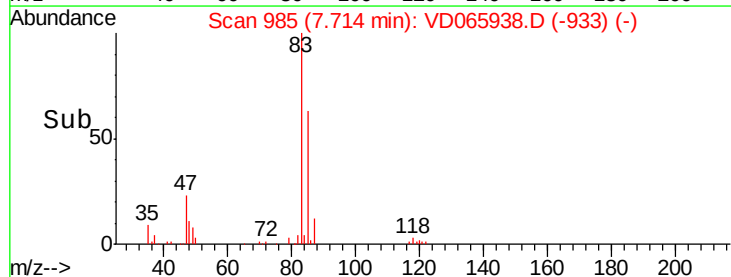
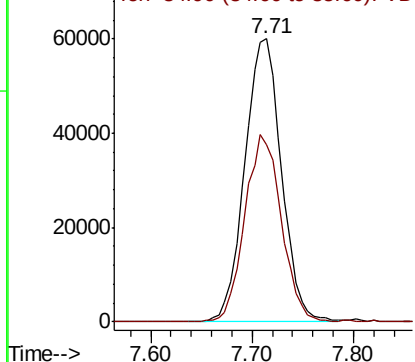


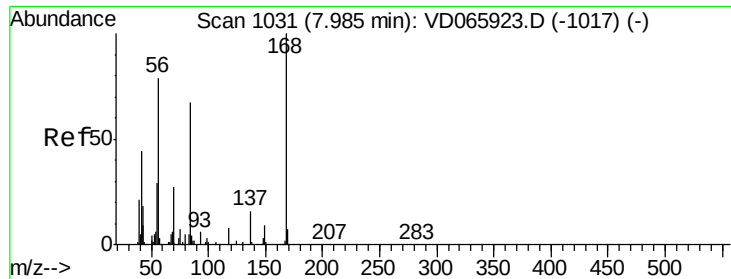
#30
Chloroform
Concen: 19.912 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 83 Resp: 150367
Ion Ratio Lower Upper
83 100
85 62.8 51.6 77.4



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

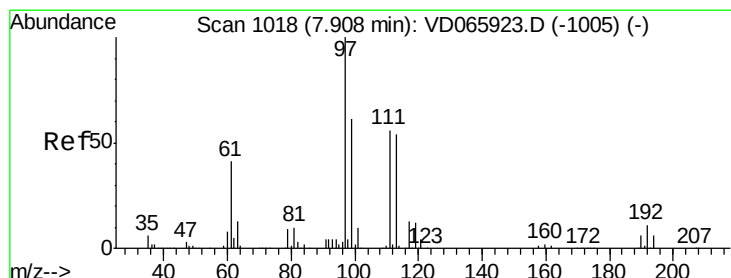
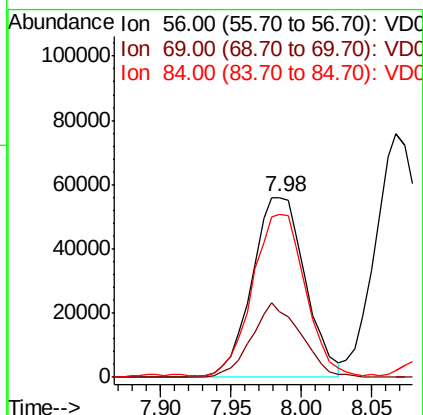
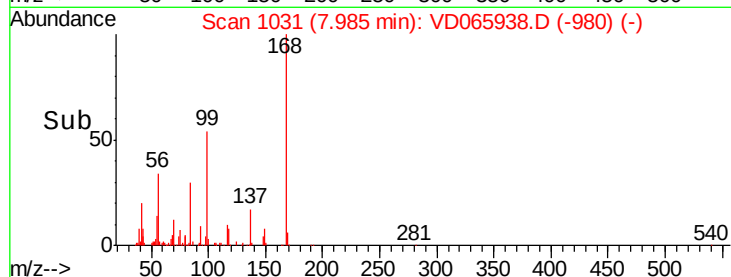
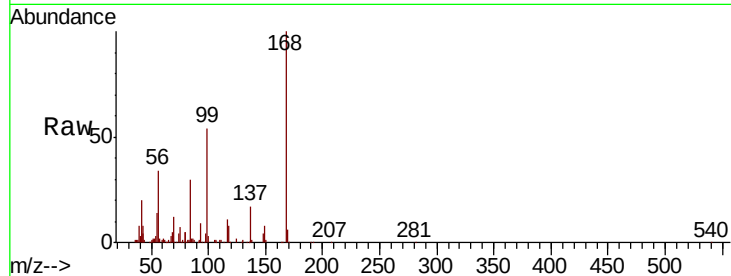




#31
Cyclohexane
Concen: 20.176 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

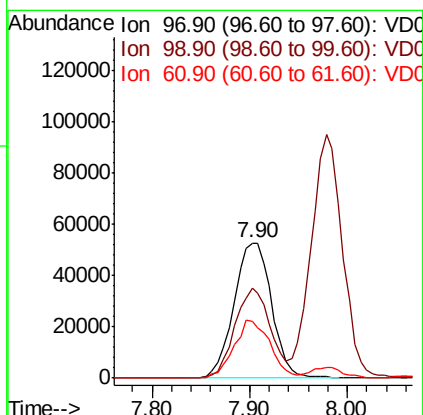
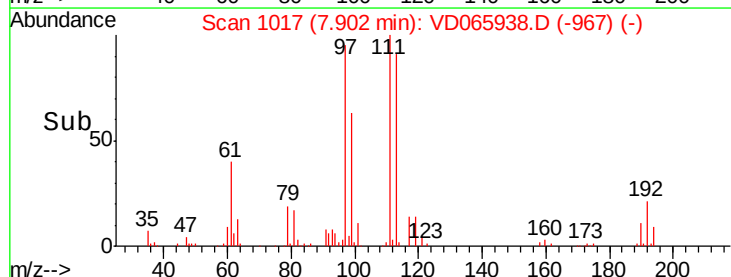
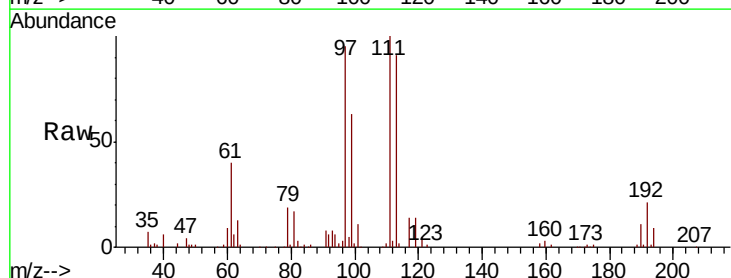
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

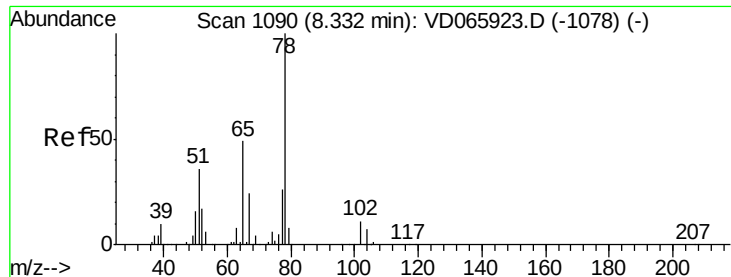
Tot Ion: 56 Resp: 147878
Ion Ratio Lower Upper
56 100
69 36.5 27.4 41.0
84 89.4 68.6 102.8



#32
1,1,1-Trichloroethane
Concen: 20.612 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 97 Resp: 142048
Ion Ratio Lower Upper
97 100
99 62.8 51.6 77.4
61 41.3 33.6 50.4

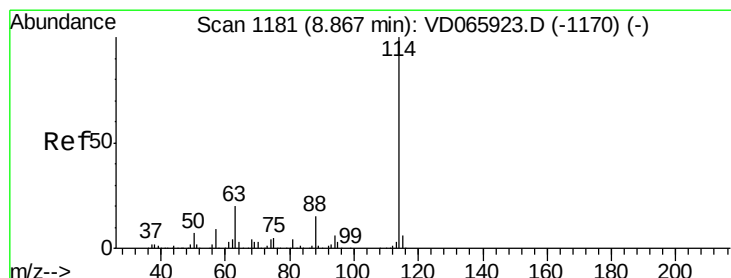
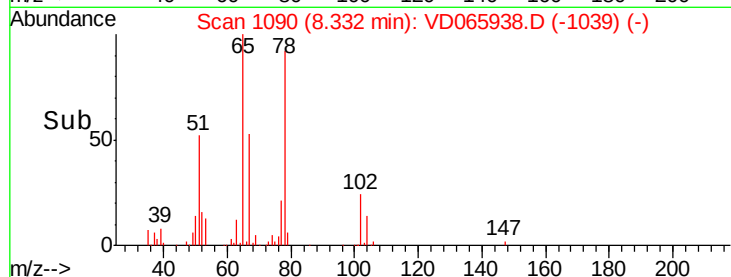
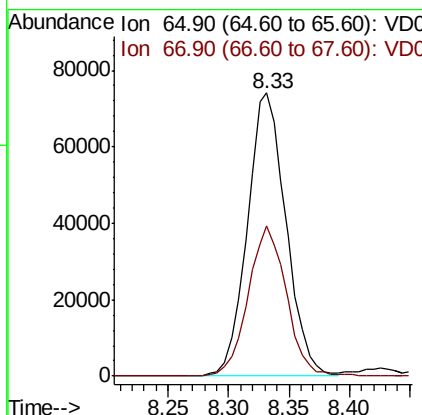
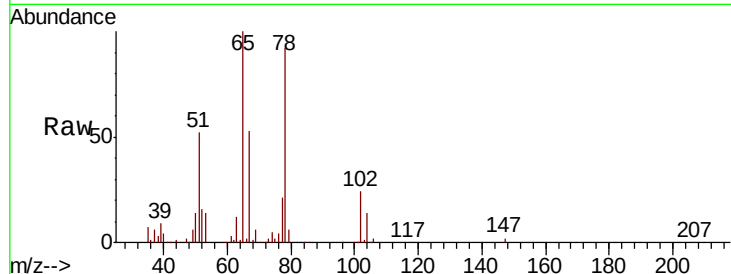




#33
 1,2-Dichloroethane-d4
 Concen: 46.067 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

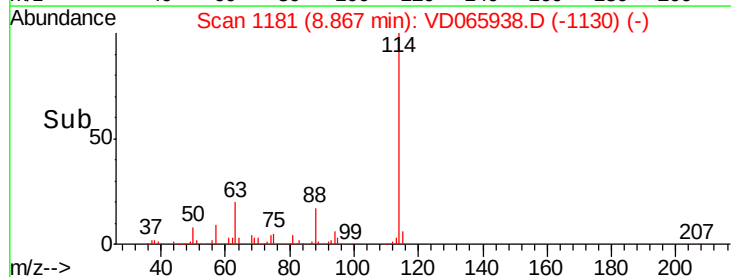
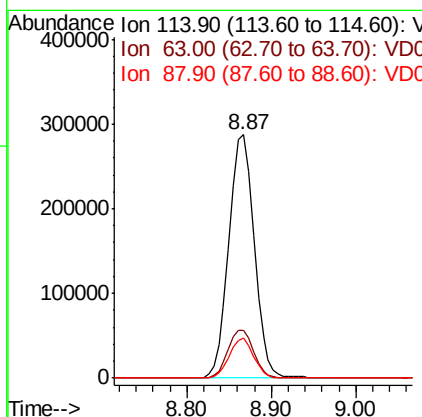
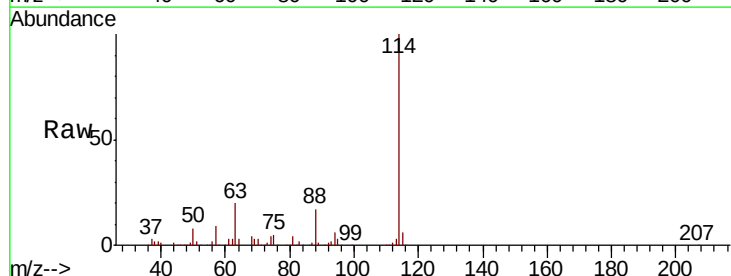
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

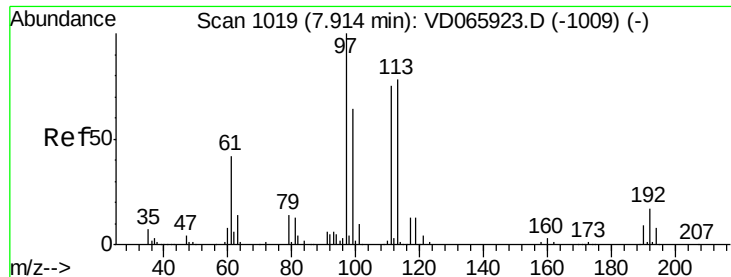
Tot Ion: 65 Resp: 165242
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion:114 Resp: 597939
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.2
 88 16.7 0.0 30.0

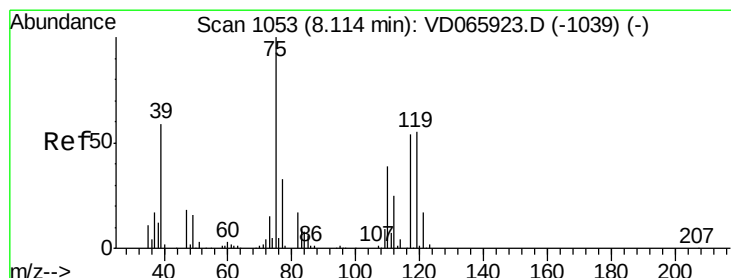
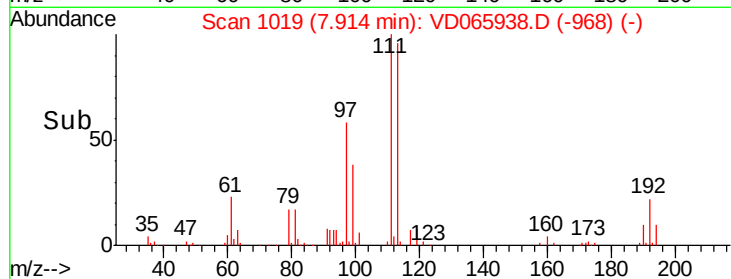
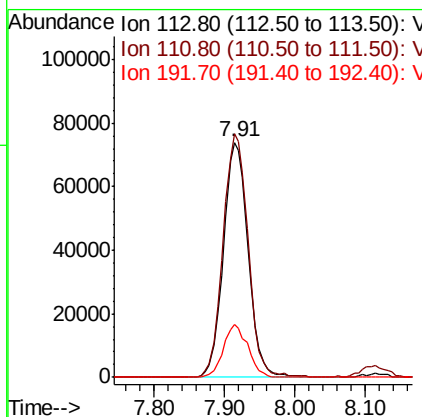
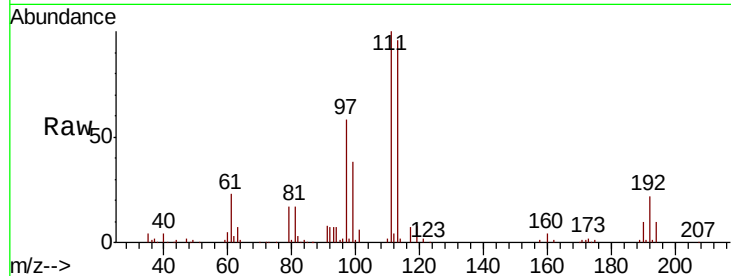




#35
 Dibromofluoromethane
 Concen: 48.607 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

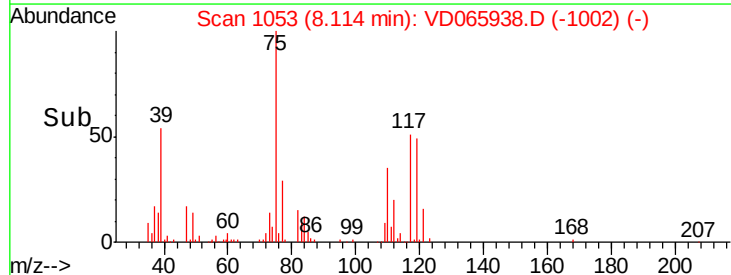
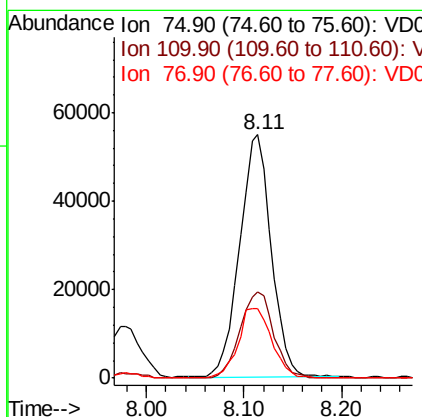
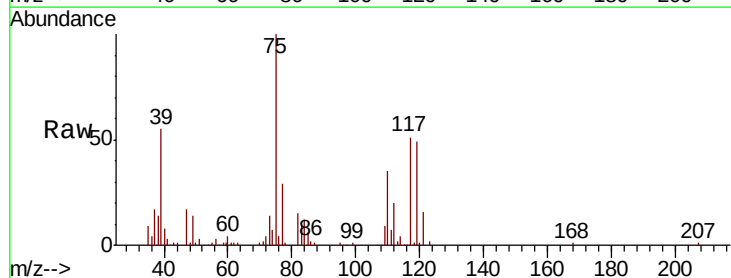
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

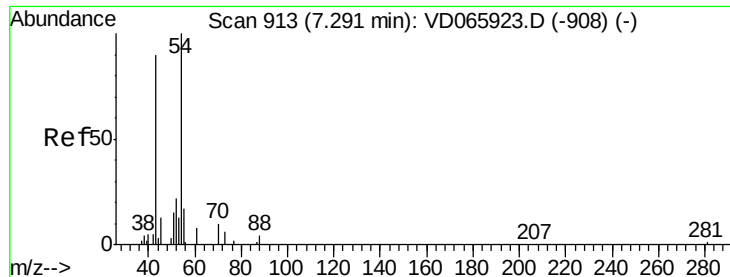
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.9	121.3
192	22.2	17.1	25.7



#36
 1,1-Dichloropropene
 Concen: 21.097 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.5	55.5
77	30.5	25.6	38.4

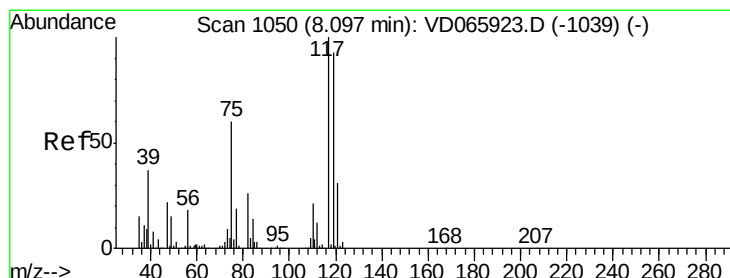
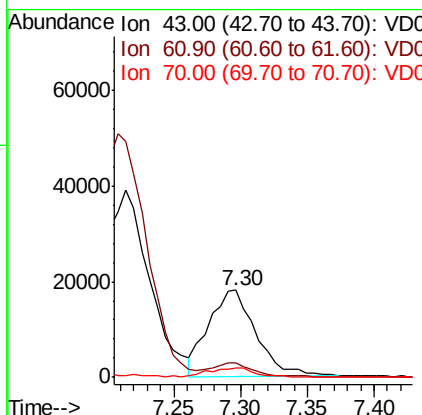
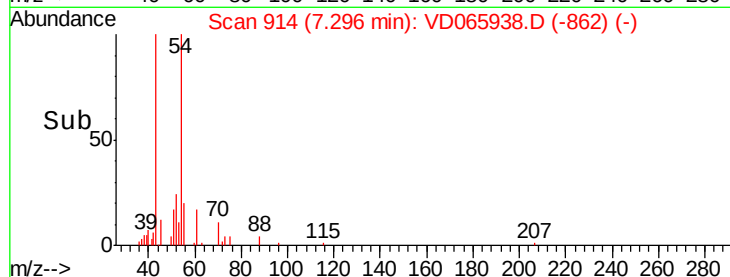
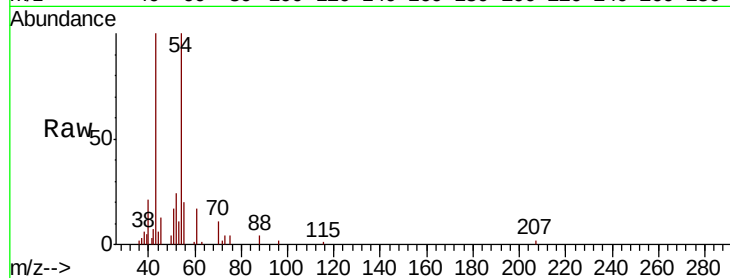




#37
Ethyl Acetate
Concen: 18.232 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

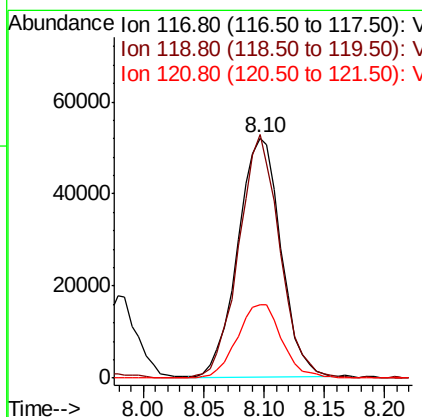
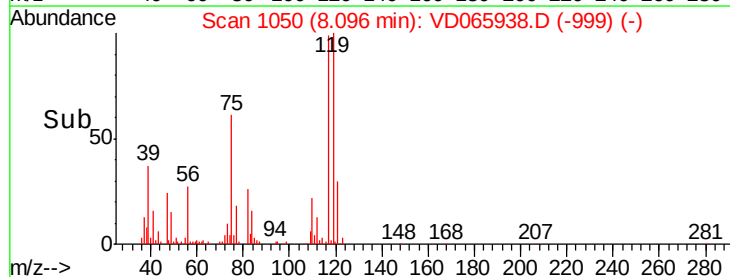
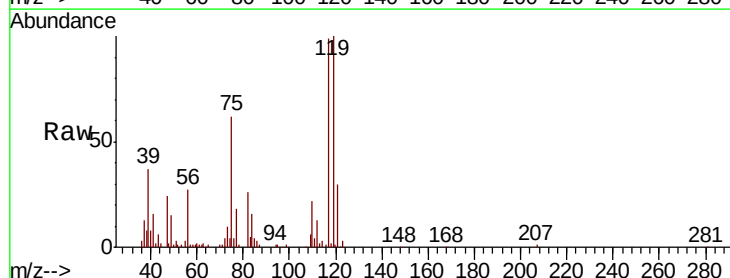
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

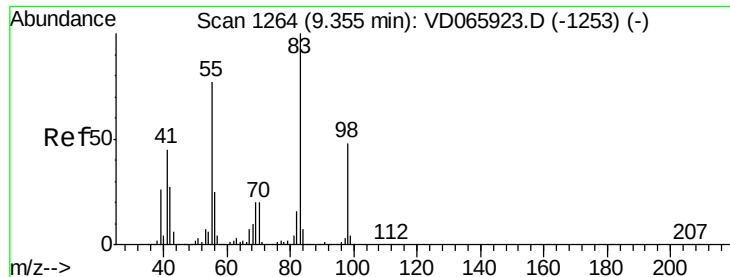
Tot Ion: 43 Resp: 45114
Ion Ratio Lower Upper
43 100
61 15.5 9.4 14.0#
70 10.9 8.3 12.5



#38
Carbon Tetrachloride
Concen: 20.432 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 117 Resp: 129331
Ion Ratio Lower Upper
117 100
119 101.7 74.7 112.1
121 30.9 24.9 37.3

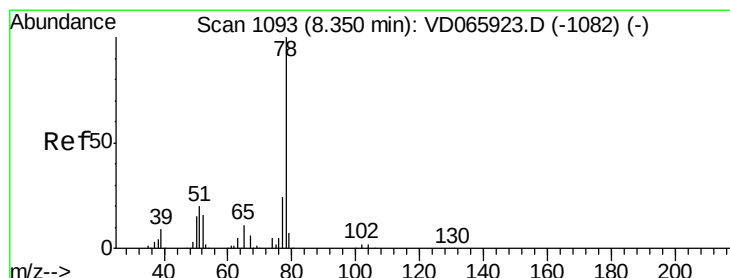
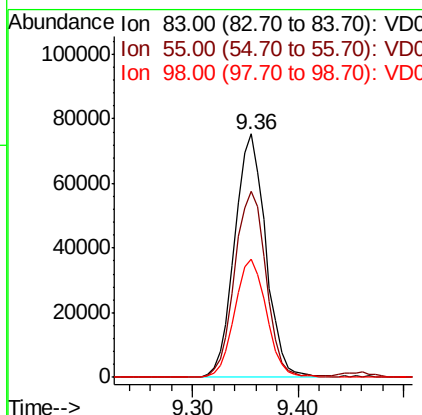
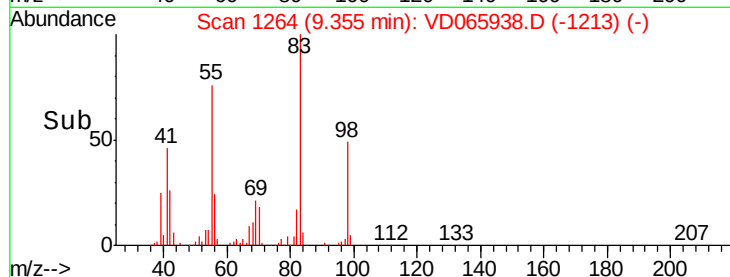
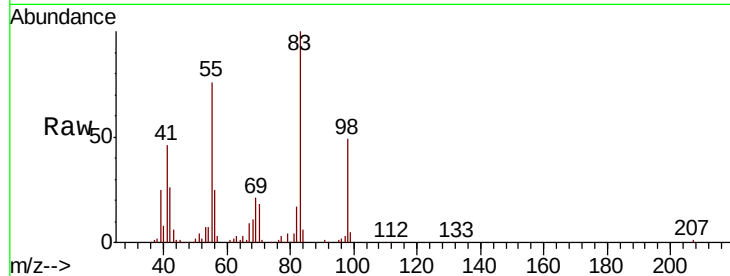




#39
Methylvlcyclohexane
Concen: 21.210 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

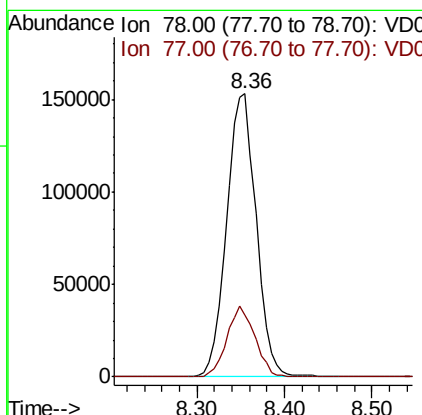
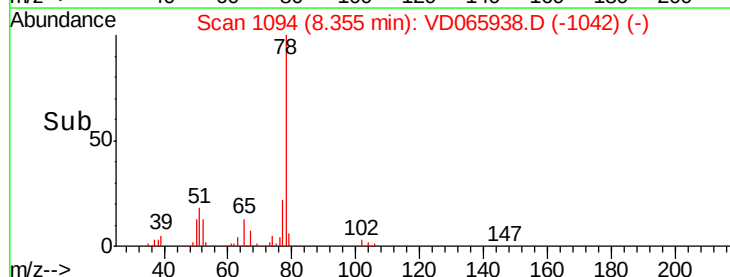
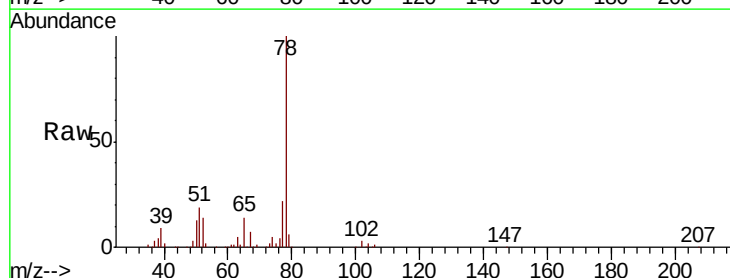
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

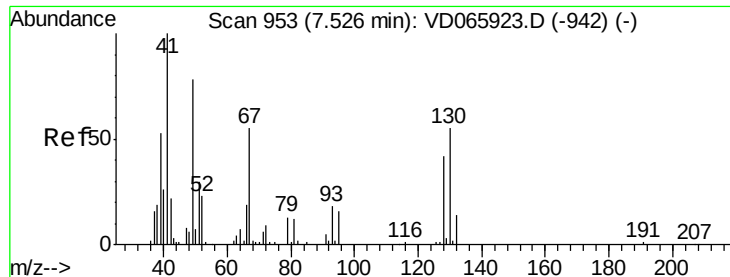
Tot Ion: 83 Resp: 153777
Ion Ratio Lower Upper
83 100
55 76.5 61.7 92.5
98 48.6 38.6 58.0



#40
Benzene
Concen: 21.535 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 78 Resp: 351335
Ion Ratio Lower Upper
78 100
77 22.1 19.4 29.0

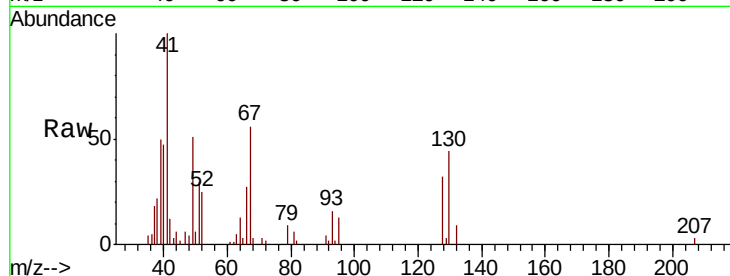




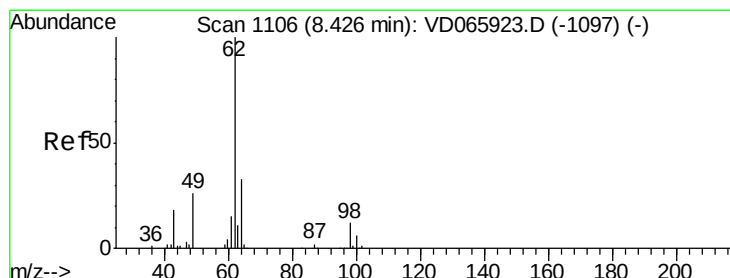
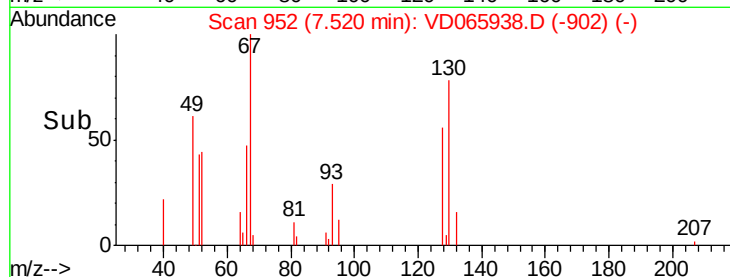
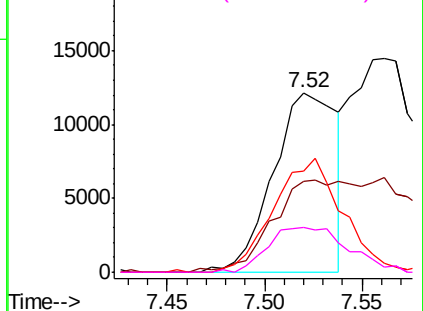
#41
Methacrylonitrile
Concen: 19.091 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Tot Ion: 41 Resp: 27427
Ion Ratio Lower Upper
41 100
39 68.5 42.4 63.6#
67 69.1 53.6 80.4
52 31.6 22.2 33.2

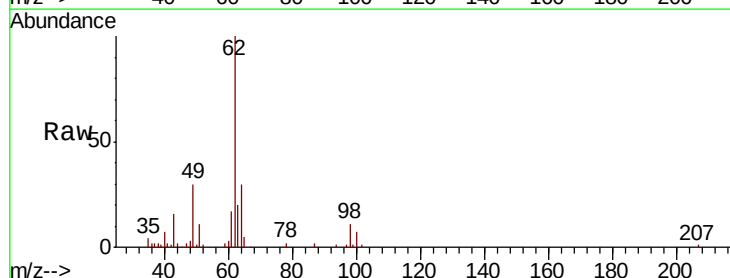


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

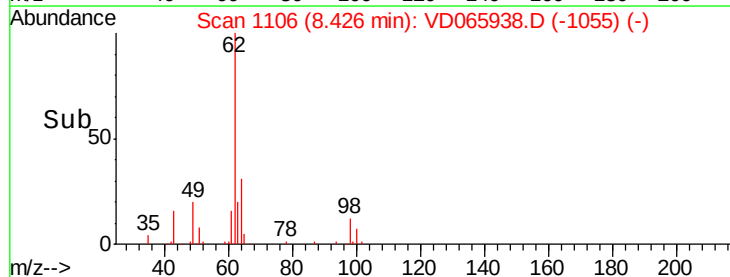
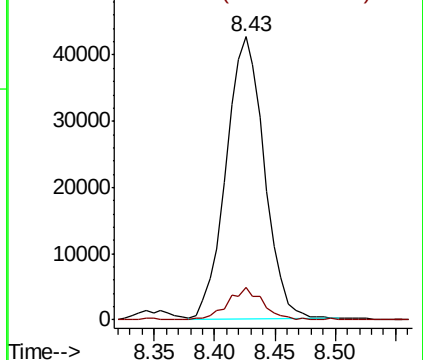


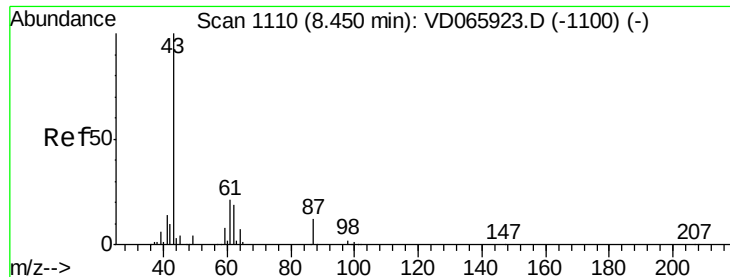
#42
1,2-Dichloroethane
Concen: 20.293 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 62 Resp: 93790
Ion Ratio Lower Upper
62 100
98 10.5 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: 19.339 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

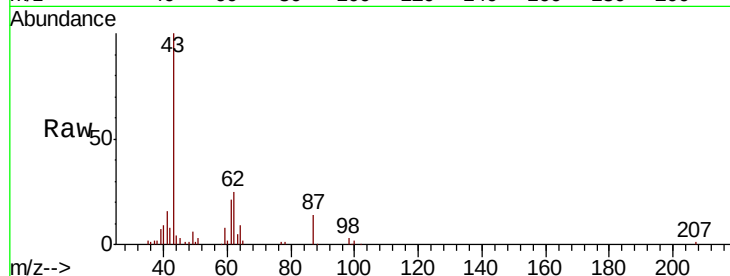
Tot Ion: 43 Resp: 89072

Ion Ratio Lower Upper

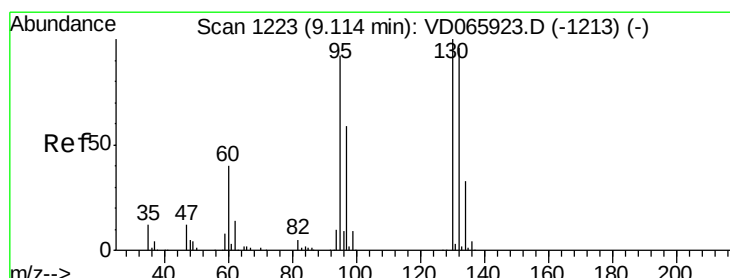
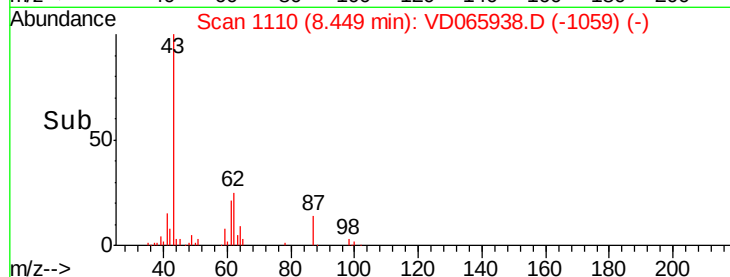
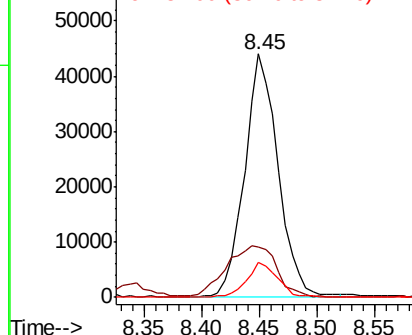
43 100

61 31.9 23.2 34.8

87 13.1 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: 21.010 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD065938.D

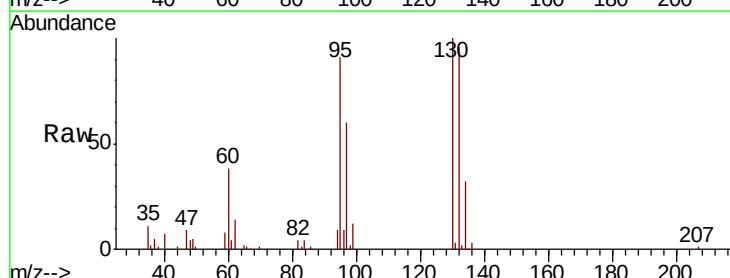
Acq: 08 Jul 2020 14:02

Tgt Ion: 130 Resp: 100714

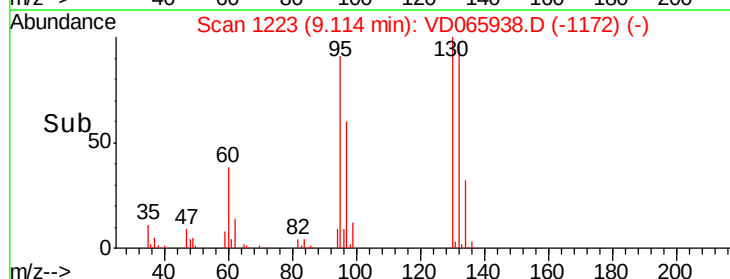
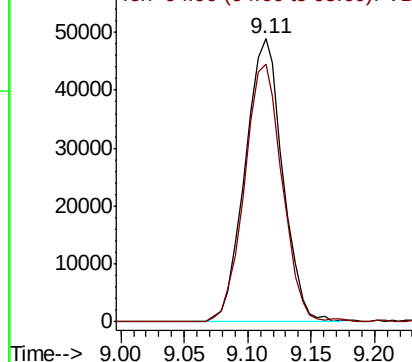
Ion Ratio Lower Upper

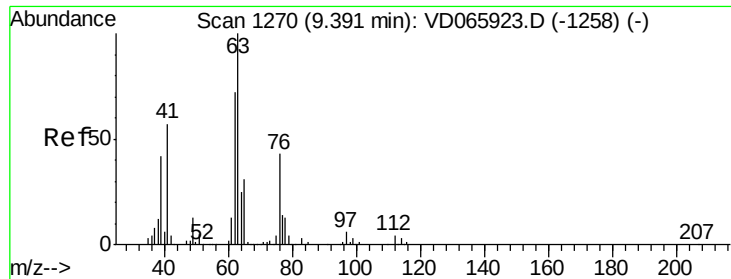
130 100

95 90.9 0.0 184.6



Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC

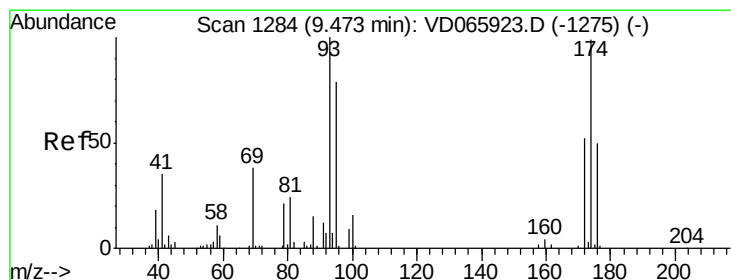
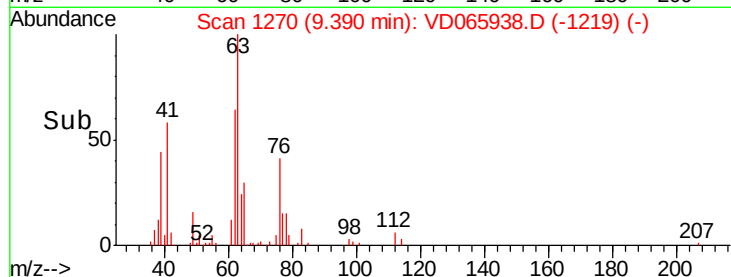
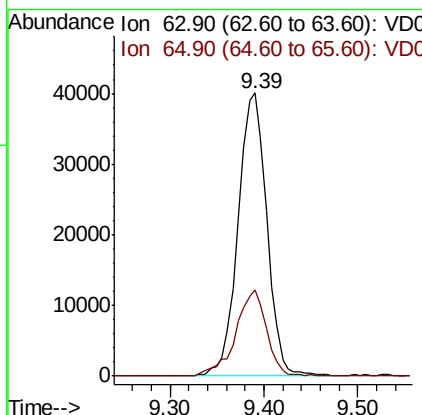
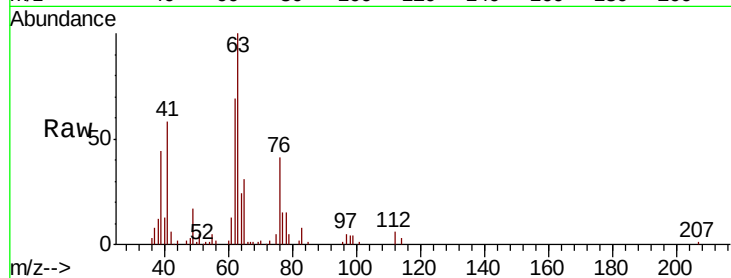




#45
 1,2-Dichloropropane
 Concen: 20.998 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

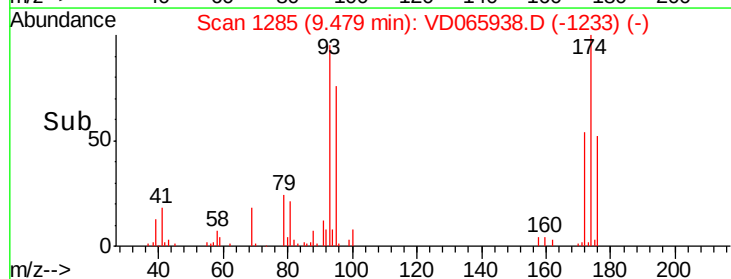
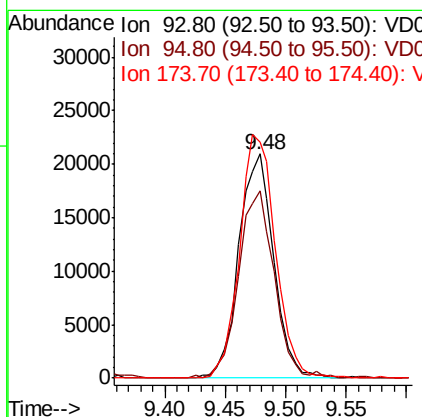
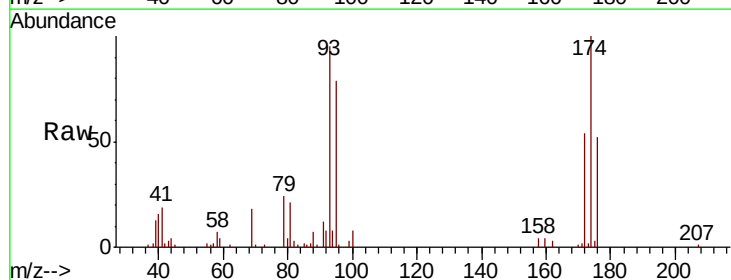
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

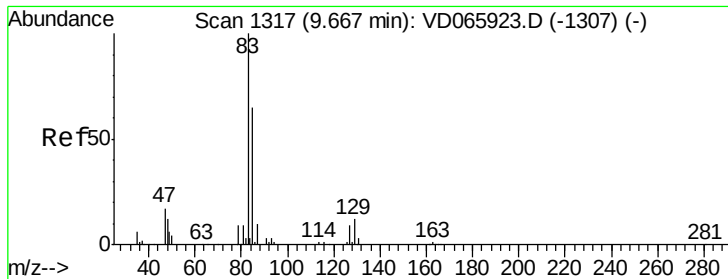
Tot Ion: 63 Resp: 85027
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.6



#46
 Dibromomethane
 Concen: 19.979 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 93 Resp: 42119
 Ion Ratio Lower Upper
 93 100
 95 84.8 68.2 102.2
 174 111.6 88.0 132.0





#47

Bromodichloromethane

Concen: 20.951 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

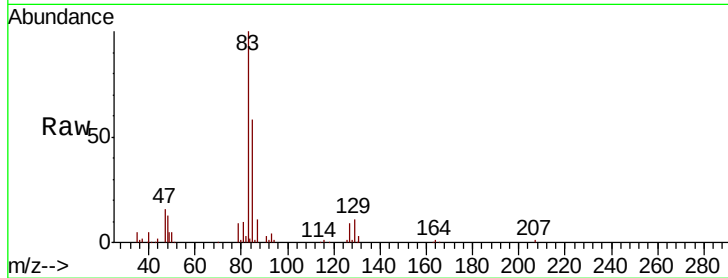
Tot Ion: 83 Resp: 118479

Ion Ratio Lower Upper

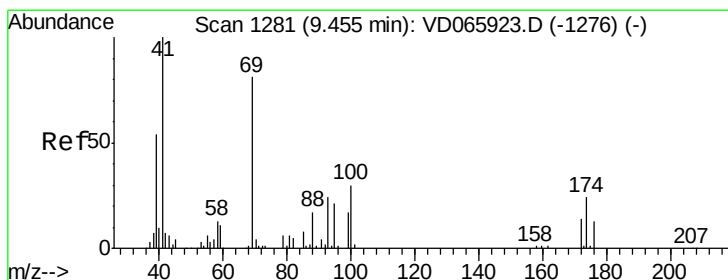
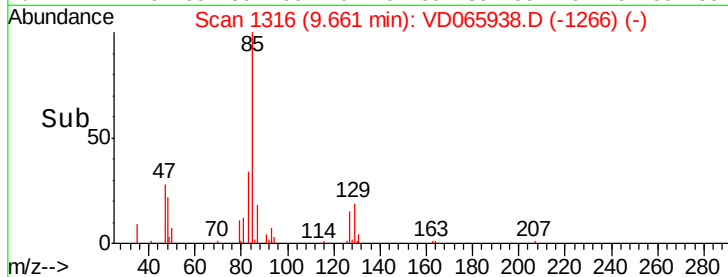
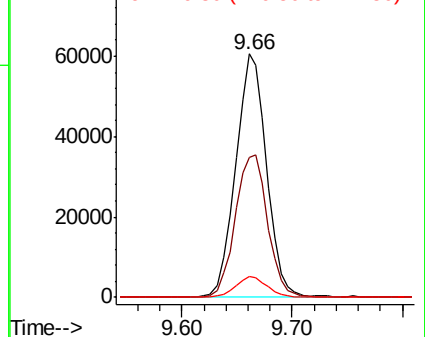
83 100

85 57.6 51.6 77.4

127 8.6 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: 19.524 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

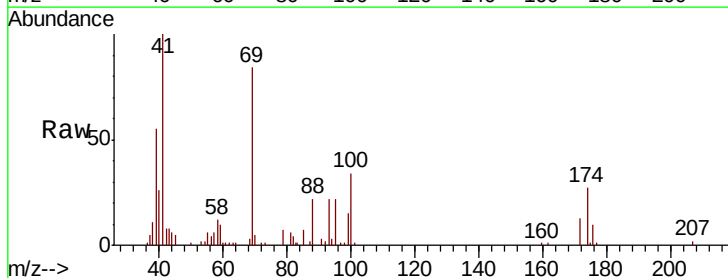
Tgt Ion: 41 Resp: 45270

Ion Ratio Lower Upper

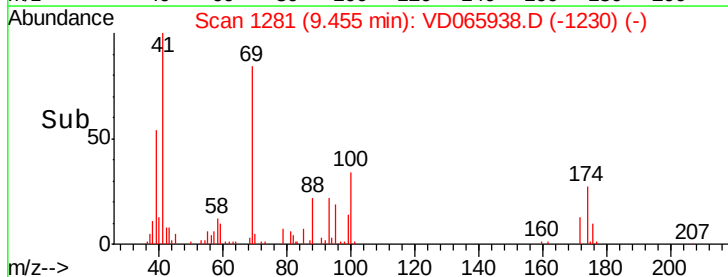
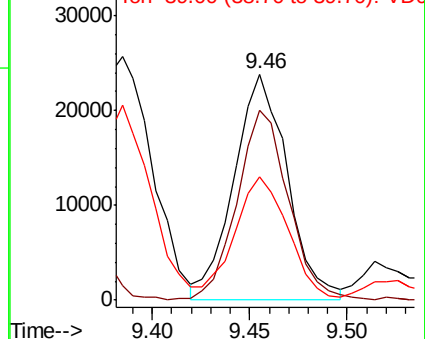
41 100

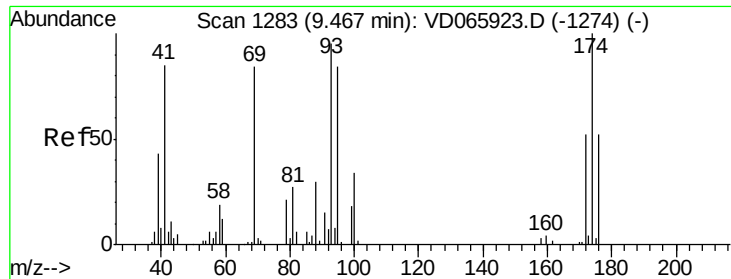
69 81.1 62.2 93.4

39 52.1 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

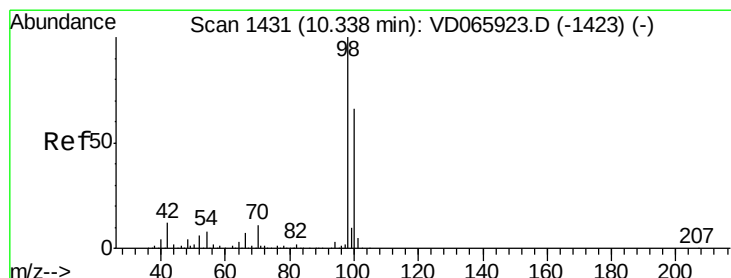
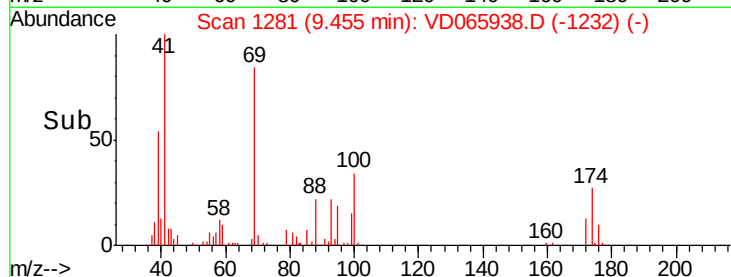
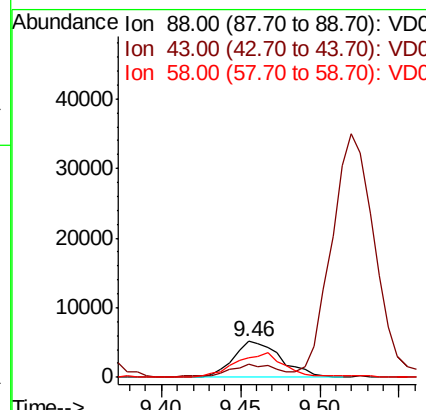
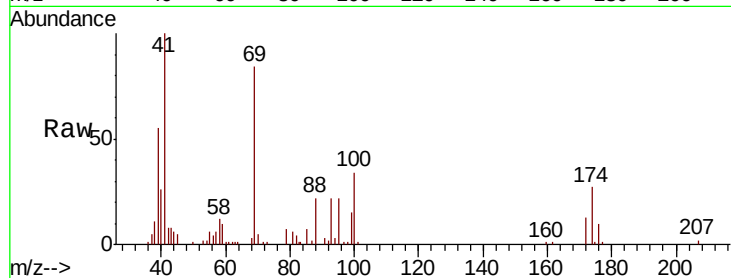




#49
 1,4-Dioxane
 Concen: 431.035 ug/l
 RT: 9.46 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

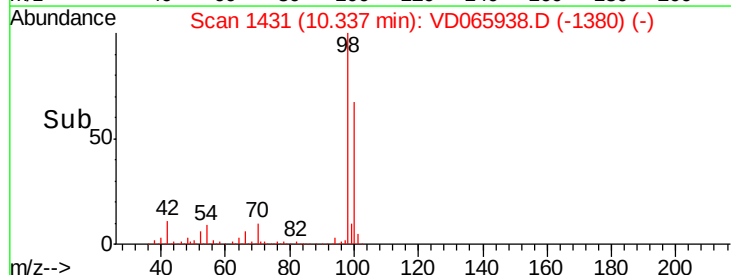
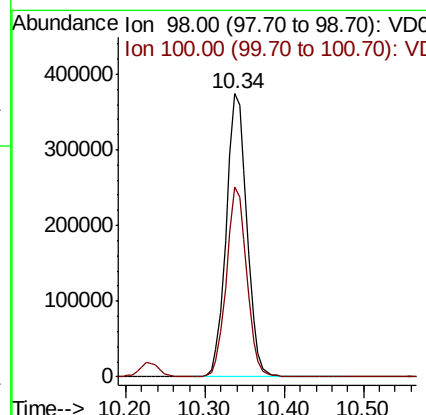
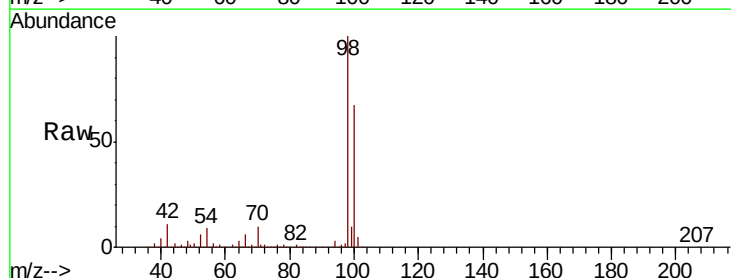
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

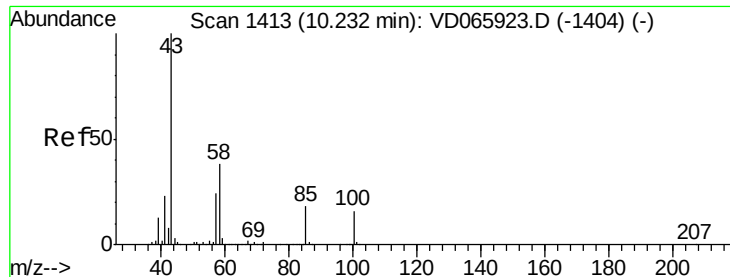
Tot Ion: 88 Resp: 10797
 Ion Ratio Lower Upper
 88 100
 43 35.9 28.2 42.4
 58 69.1 58.6 87.8



#50
 Toluene-d8
 Concen: 50.117 ug/l
 RT: 10.34 min Scan# 1431
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 98 Resp: 674501
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7

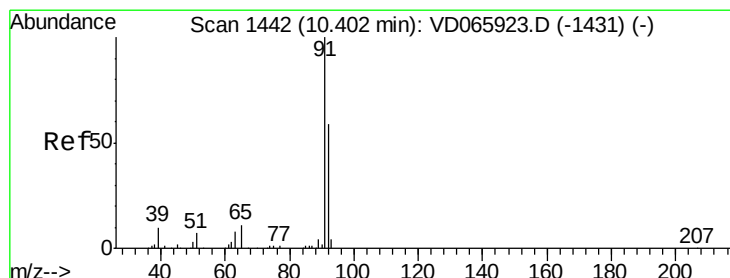
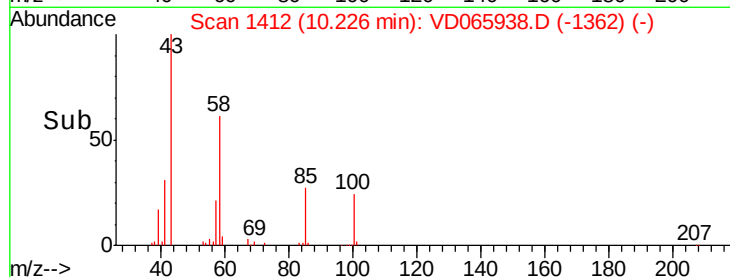
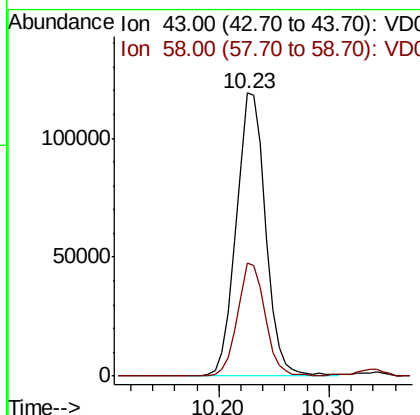
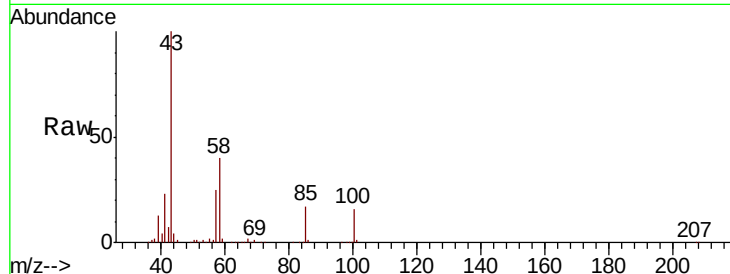




#51
 4-Methyl-2-Pentanone
 Concen: 95.893 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

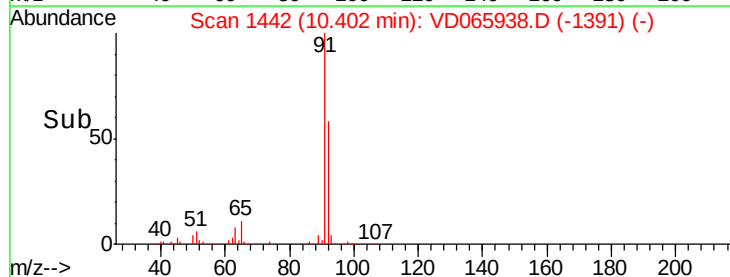
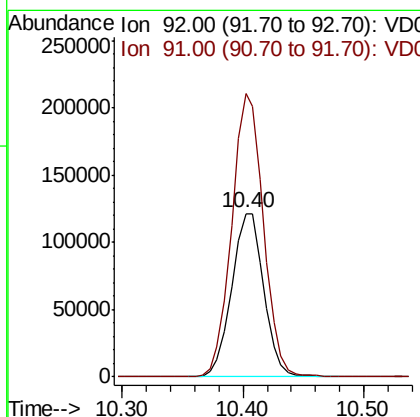
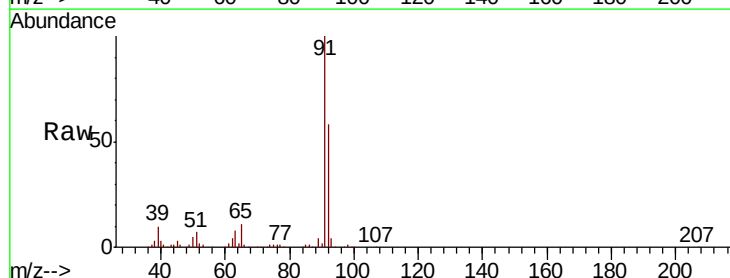
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

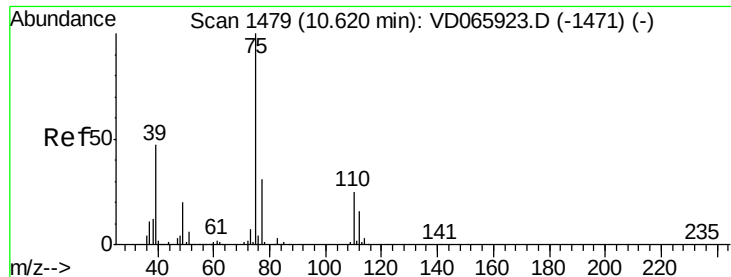
Tot Ion: 43 Resp: 223290
 Ion Ratio Lower Upper
 43 100
 58 37.5 30.5 45.7



#52
 Toluene
 Concen: 21.690 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 92 Resp: 225124
 Ion Ratio Lower Upper
 92 100
 91 170.8 136.0 204.0





#53

t-1,3-Dichloropropene

Concen: 20.596 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

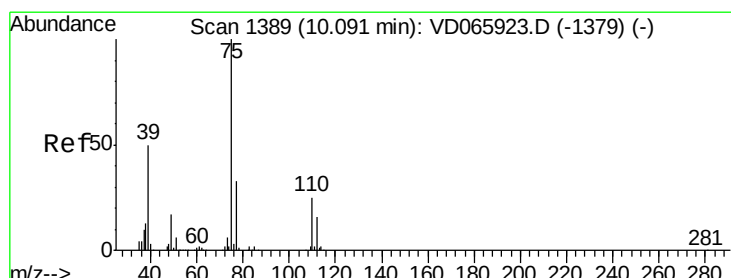
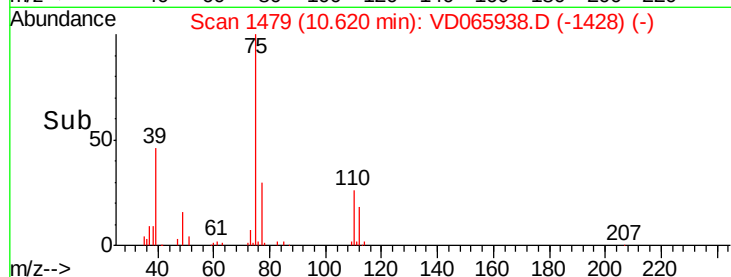
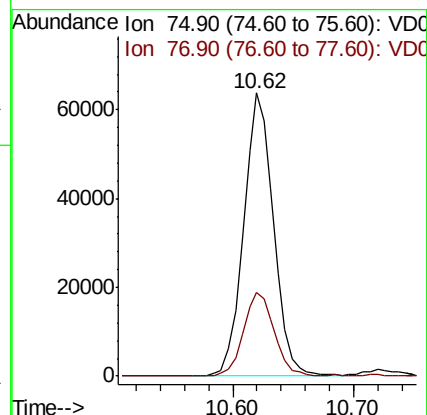
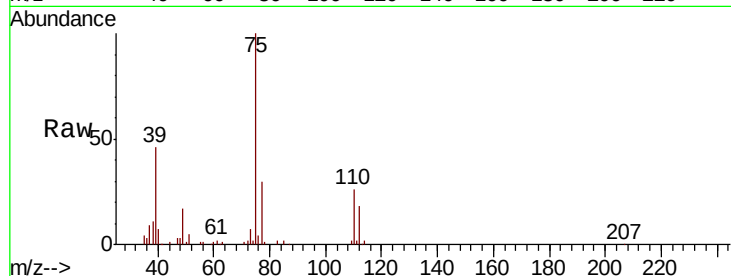
VD0708SBS01

Tot Ion: 75 Resp: 109516

Ion Ratio Lower Upper

75 100

77 29.7 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 20.556 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

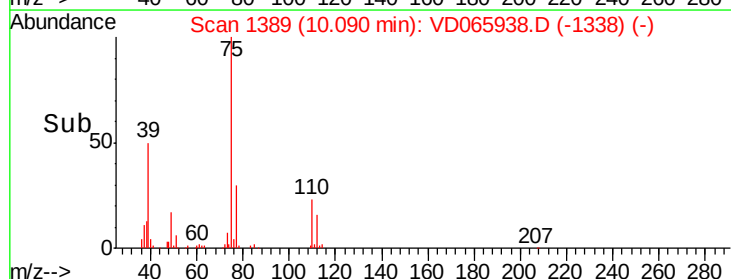
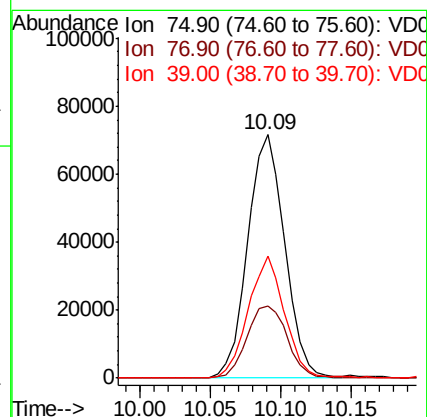
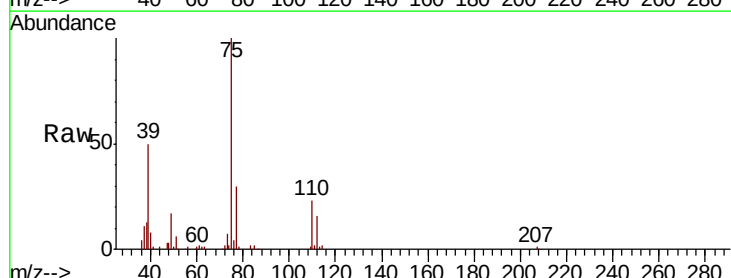
Tgt Ion: 75 Resp: 132072

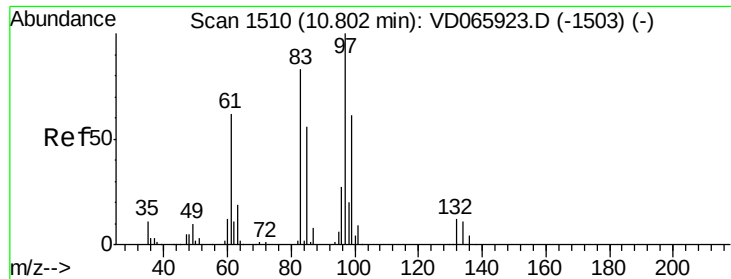
Ion Ratio Lower Upper

75 100

77 29.7 26.6 39.8

39 50.2 39.6 59.4

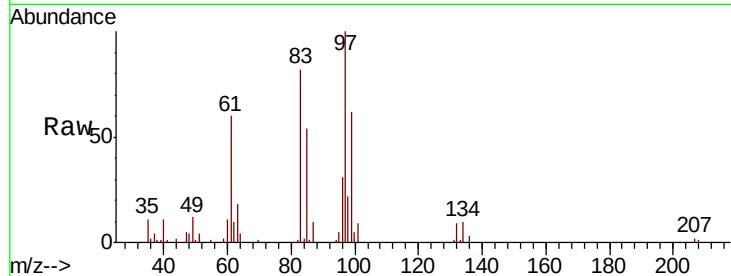




#55
 1,1,2-Trichloroethane
 Concen: 21.193 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

Tot Ion:	97	Resp:	61556
Ion	Ratio	Lower	Upper
97	100		
83	81.8	66.9	100.3
85	53.8	44.5	66.7
99	61.3	49.2	73.8



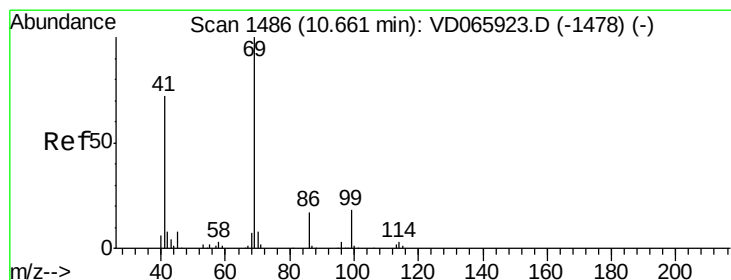
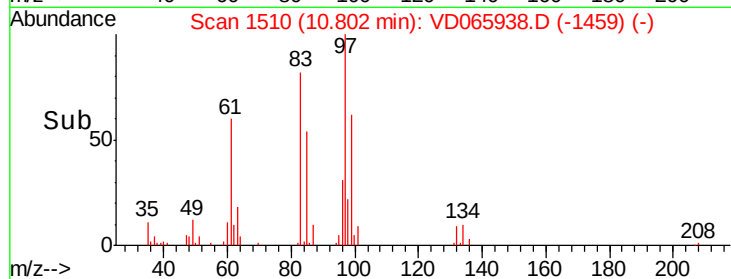
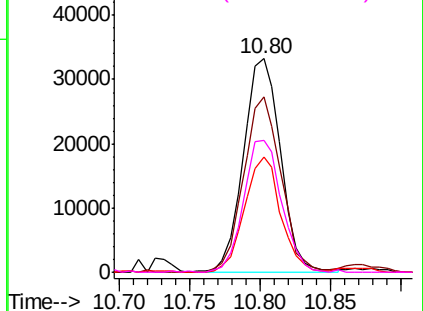
Abundance

Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

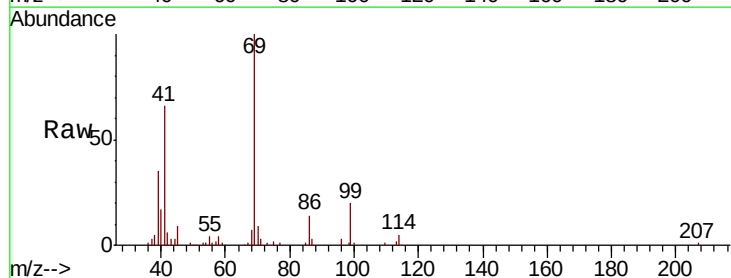
Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56
 Ethyl methacrylate
 Concen: 19.775 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion:	69	Resp:	70156
Ion	Ratio	Lower	Upper
69	100		
41	69.0	56.5	84.7
39	32.7	29.2	43.8

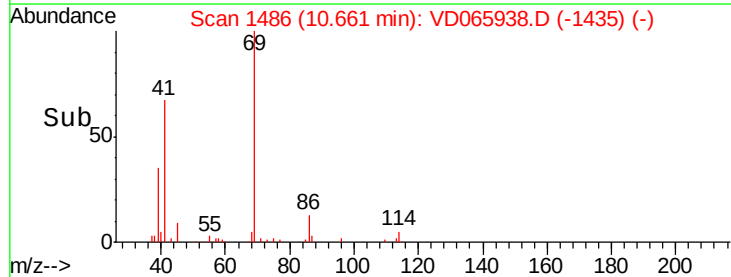
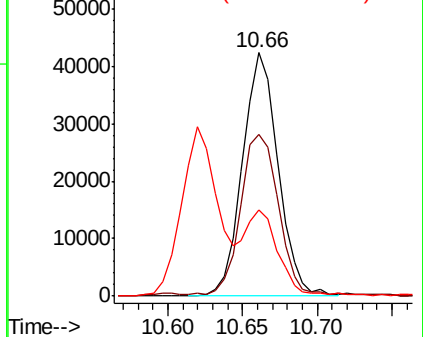


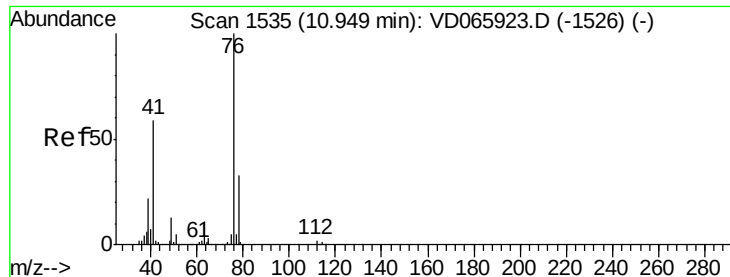
Abundance

Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

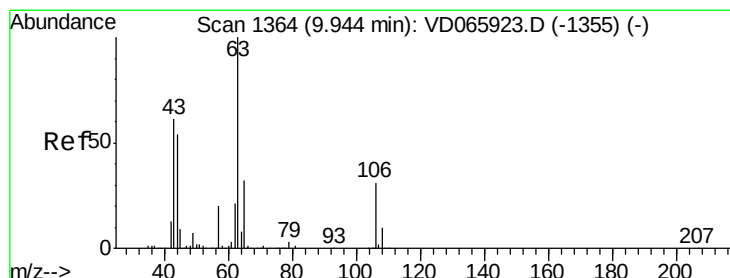
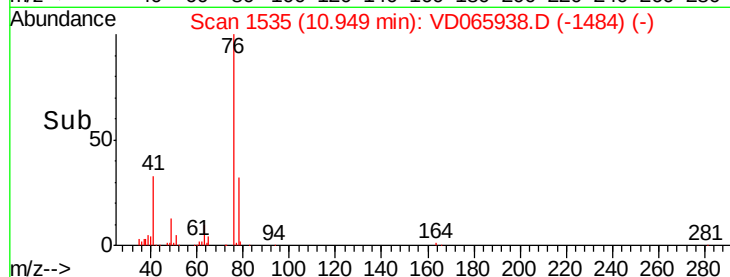
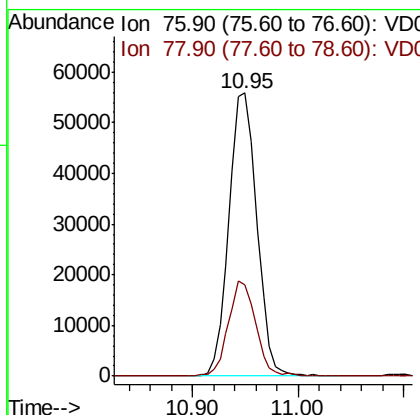
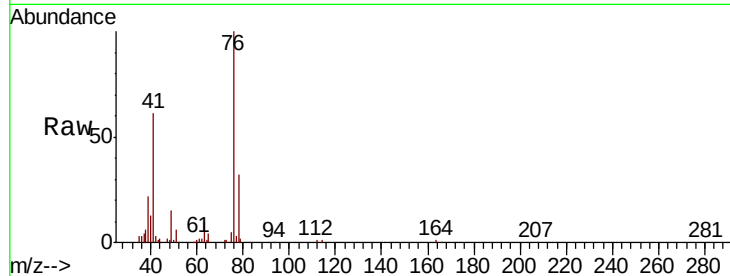




#57
 1,3-Dichloropropane
 Concen: 20.081 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

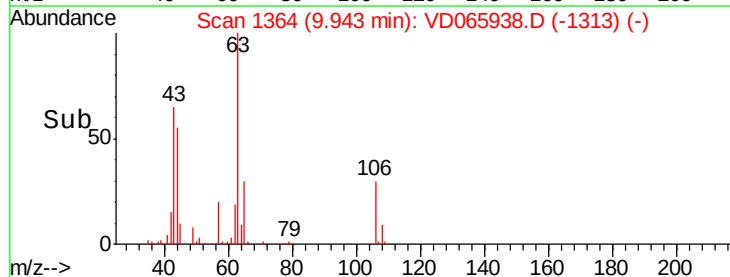
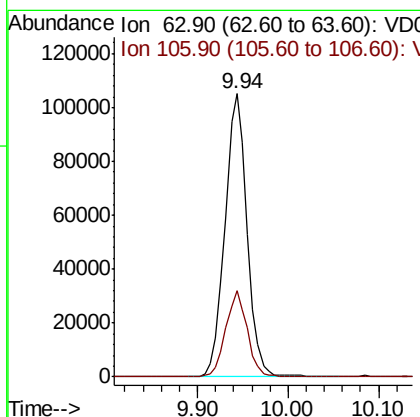
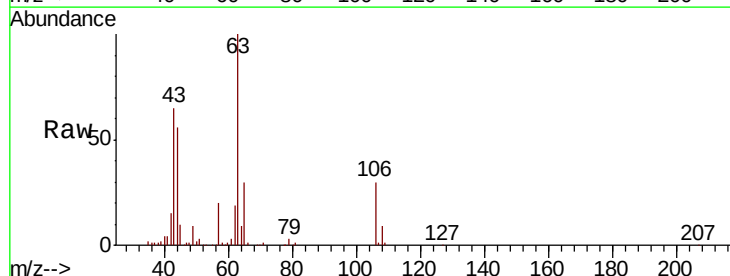
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

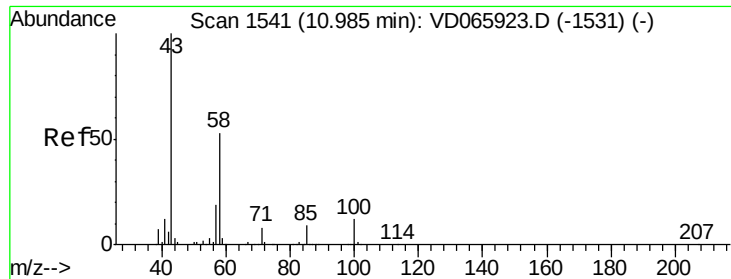
Tot Ion: 76 Resp: 102005
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.130 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 63 Resp: 177190
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6

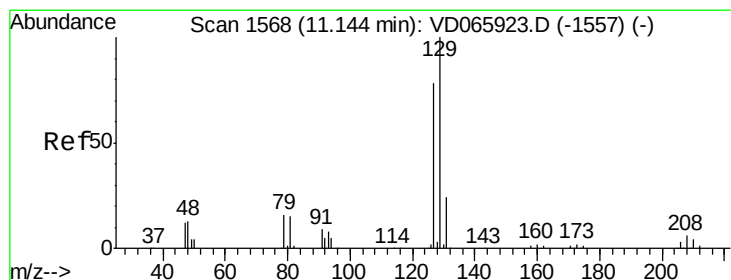
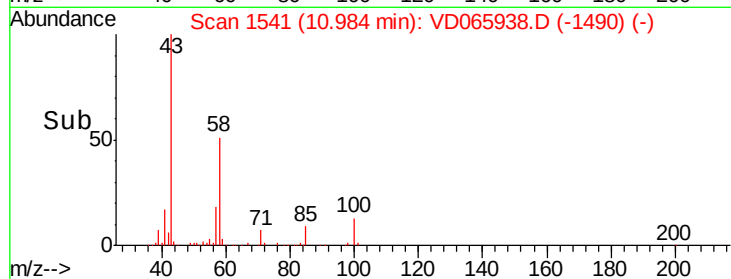
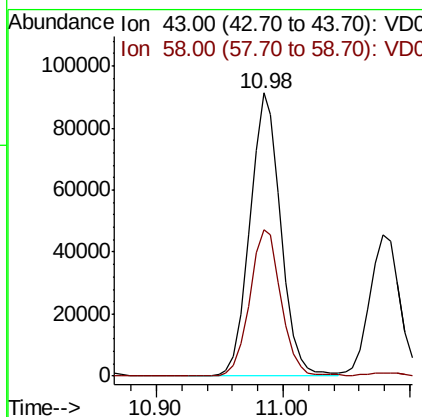
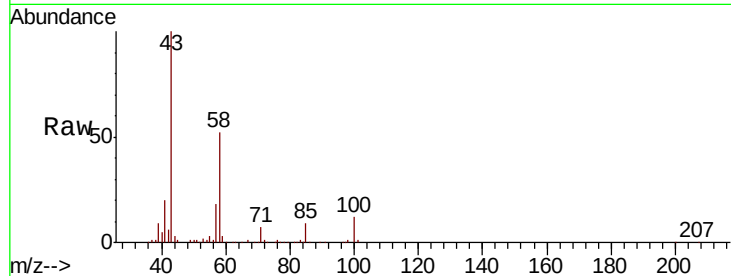




#59
2-Hexanone
Concen: 96.807 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

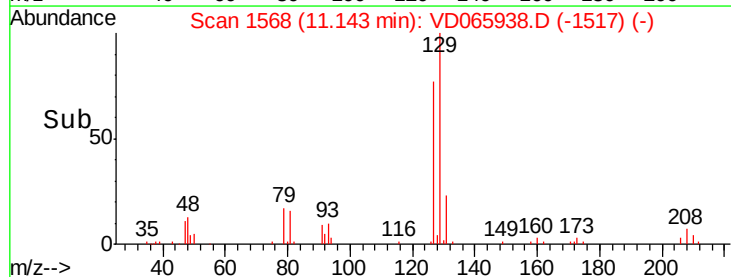
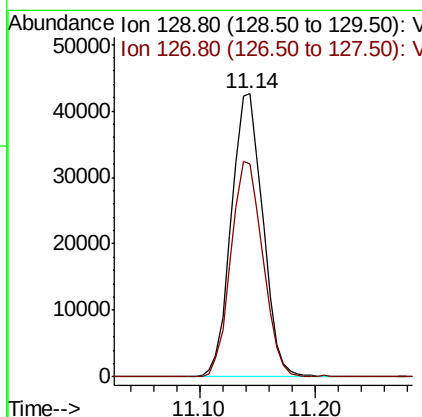
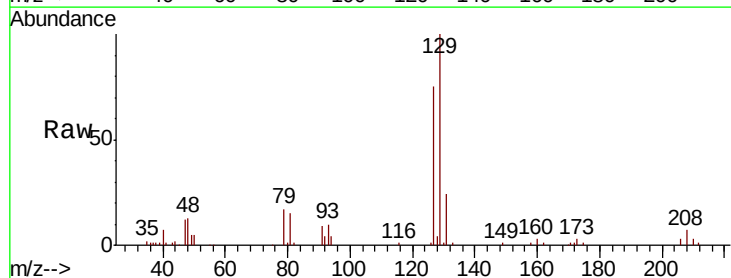
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

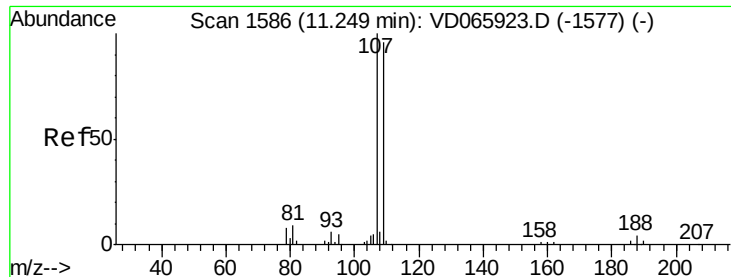
Tot Ion: 43 Resp: 155028
Ion Ratio Lower Upper
43 100
58 52.4 26.6 79.8



#60
Dibromochloromethane
Concen: 20.343 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 129 Resp: 80730
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4

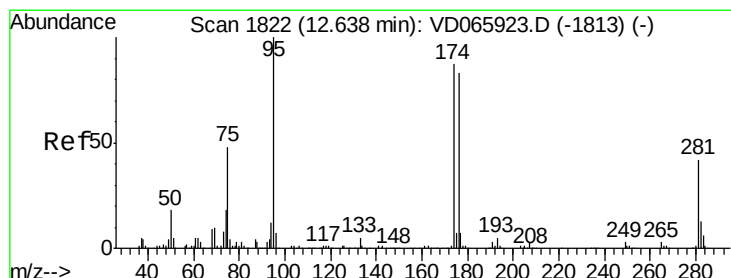
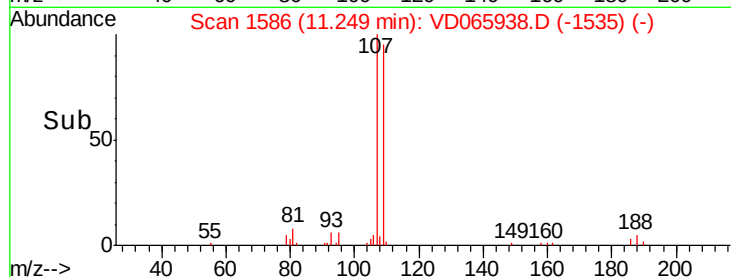
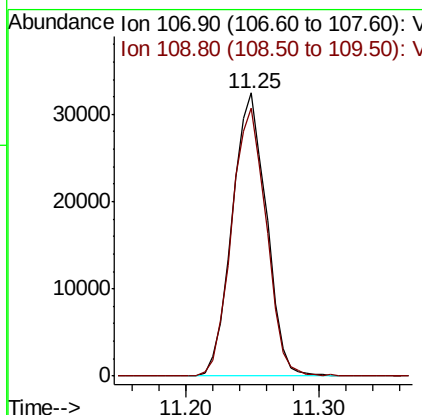
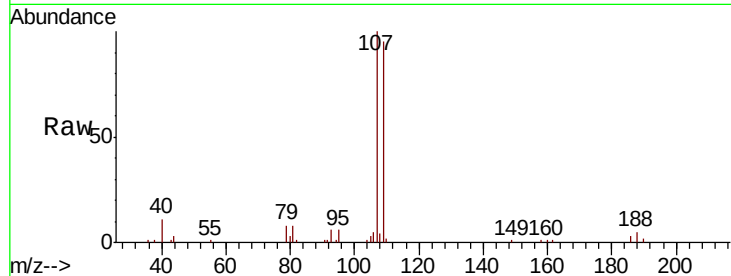




#61
 1,2-Dibromoethane
 Concen: 19.963 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

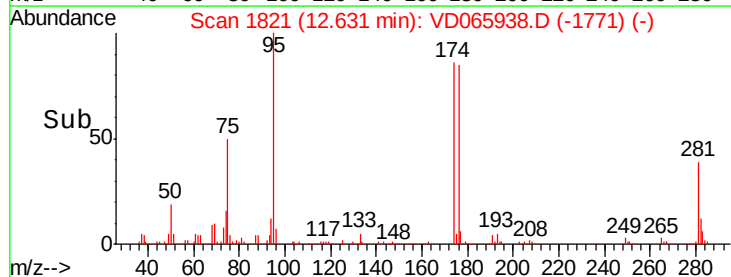
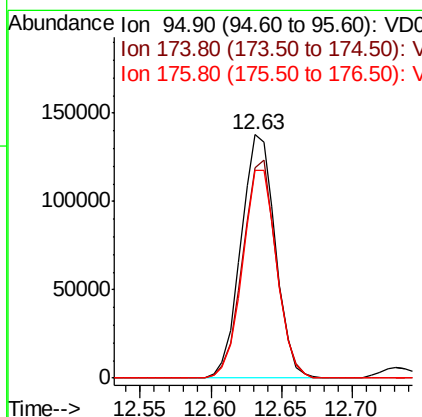
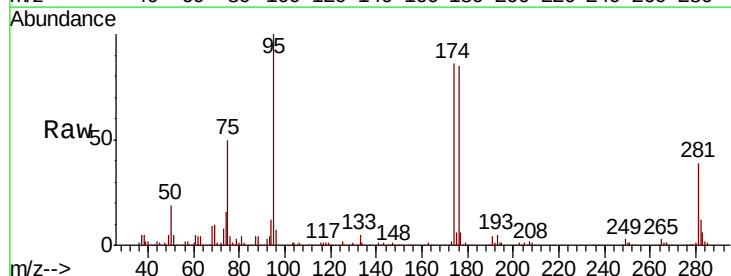
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

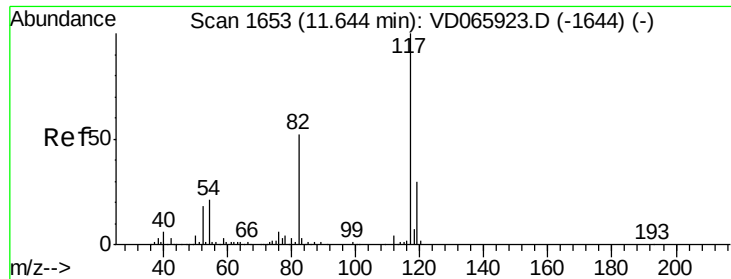
Tot Ion:107 Resp: 57812
 Ion Ratio Lower Upper
 107 100
 109 95.5 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 50.870 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 95 Resp: 235103
 Ion Ratio Lower Upper
 95 100
 174 87.5 0.0 169.4
 176 85.2 0.0 164.0

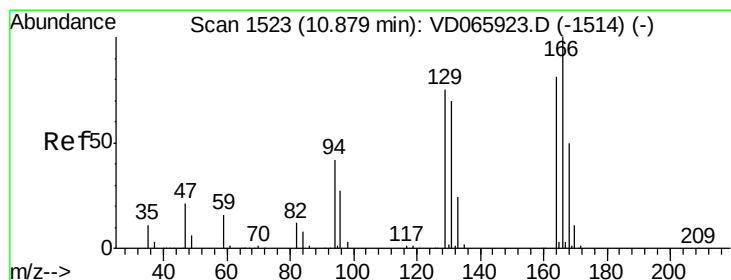
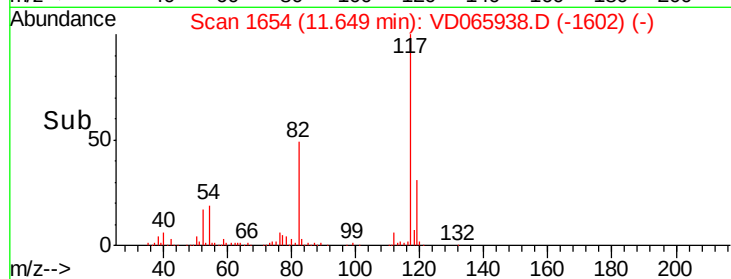
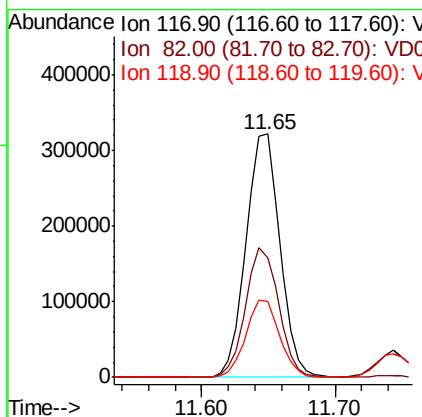
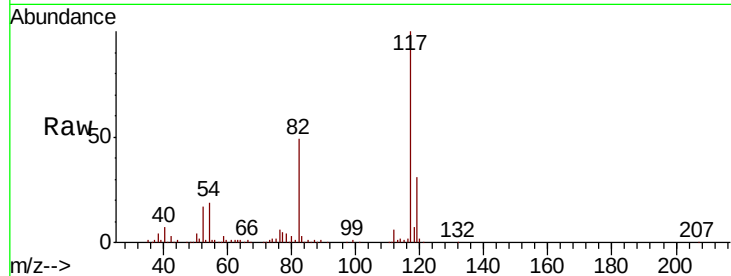




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

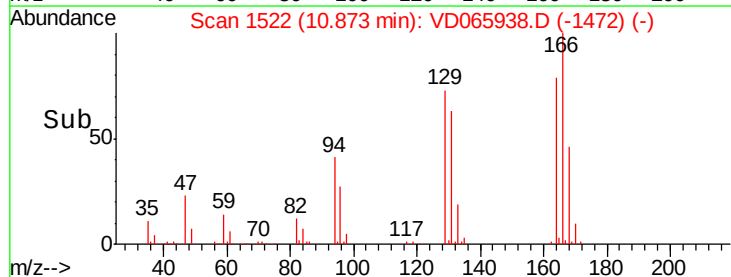
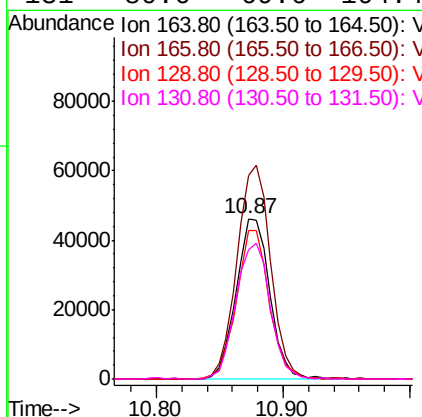
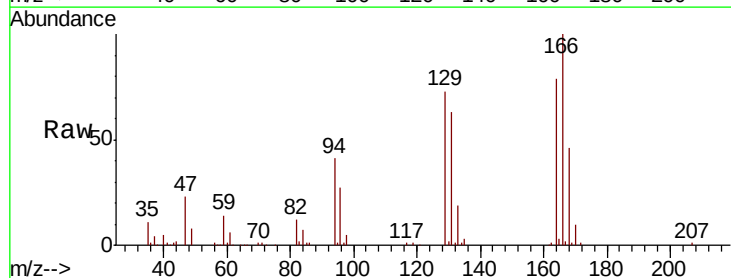
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

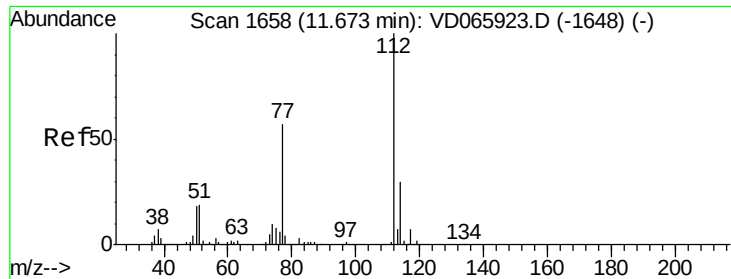
Tot Ion:117 Resp: 563642
Ion Ratio Lower Upper
117 100
82 49.0 41.8 62.8
119 31.3 24.3 36.5



#64
Tetrachloroethene
Concen: 20.729 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion:164 Resp: 84966
Ion Ratio Lower Upper
164 100
166 127.1 99.0 148.4
129 92.9 73.9 110.9
131 80.6 69.6 104.4

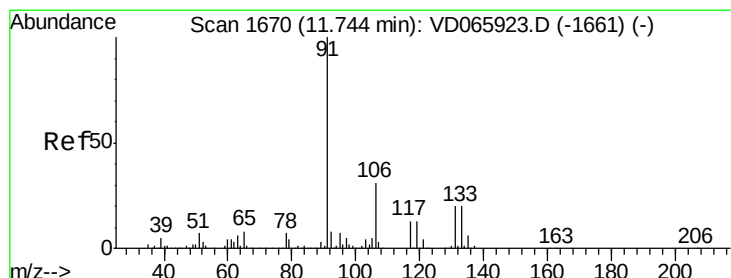
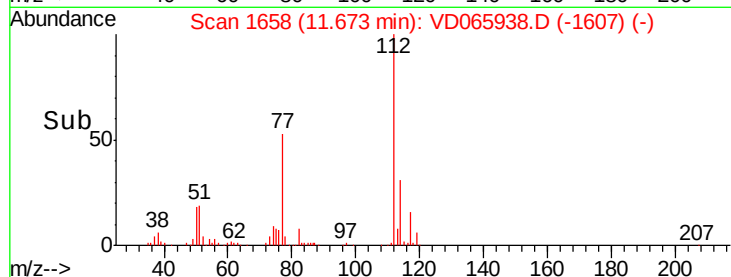
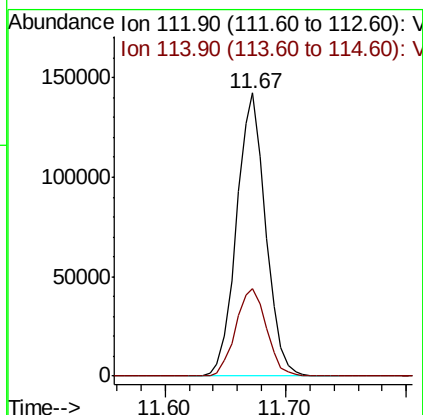
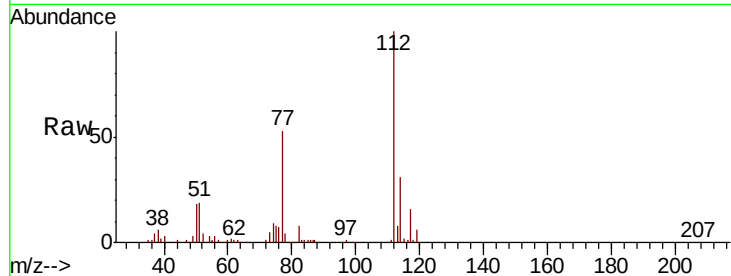




#65
Chlorobenzene
Concen: 21.017 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

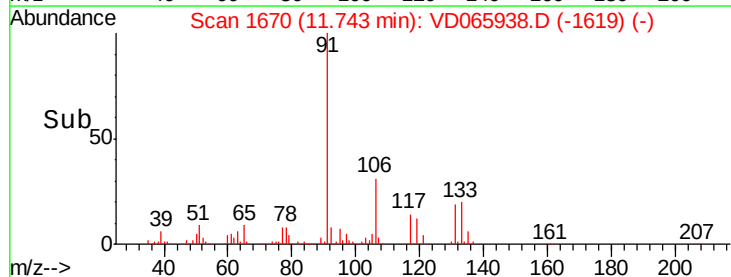
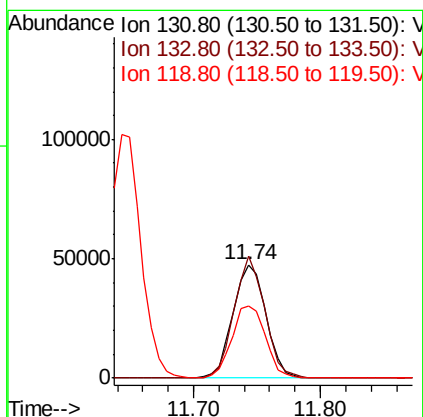
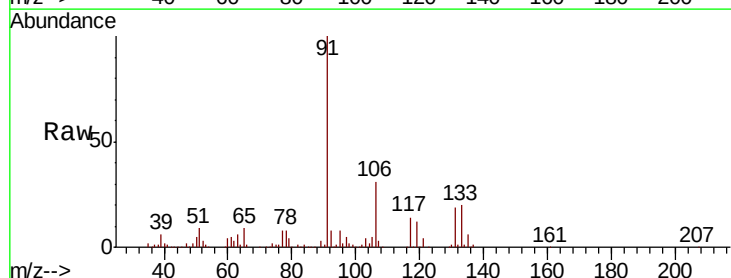
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

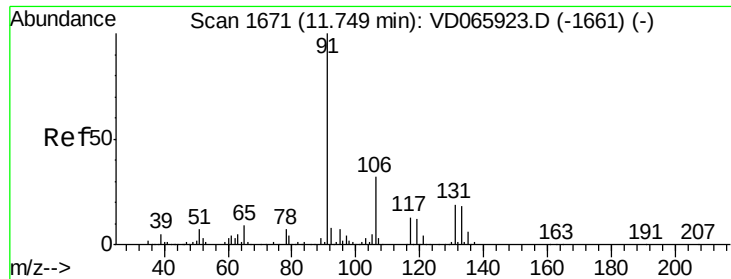
Tot Ion:112 Resp: 238724
Ion Ratio Lower Upper
112 100
114 30.9 24.2 36.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.095 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion:131 Resp: 85369
Ion Ratio Lower Upper
131 100
133 100.1 47.9 143.6
119 65.1 31.9 95.9

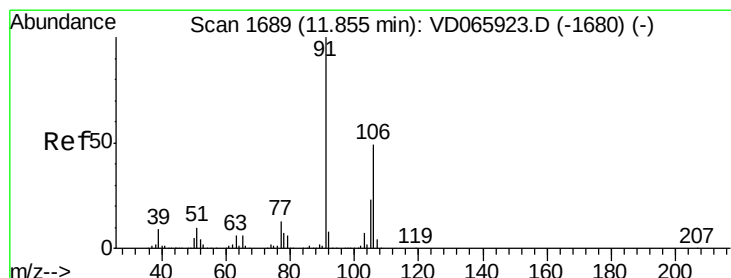
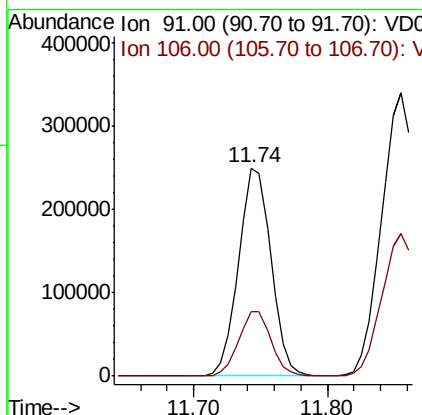
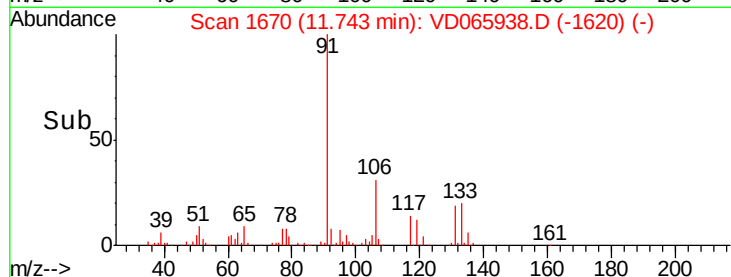
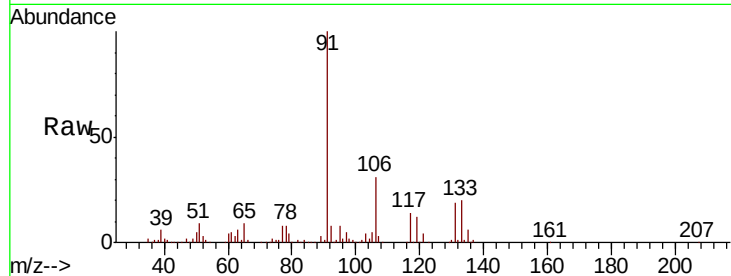




#67
Ethyl Benzene
Concen: 20.894 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

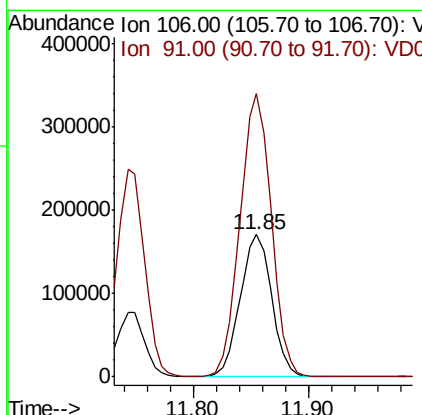
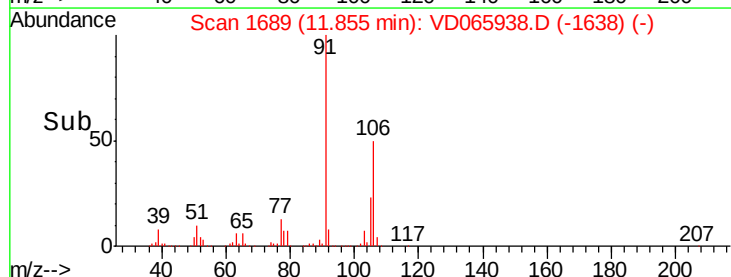
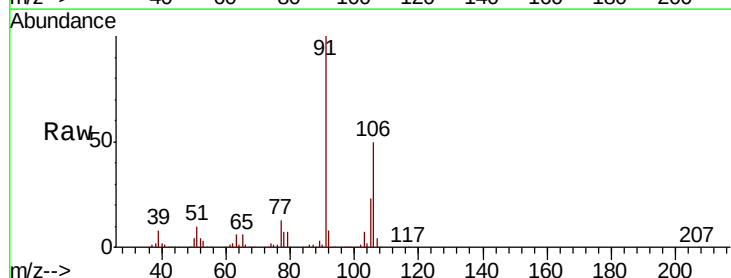
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

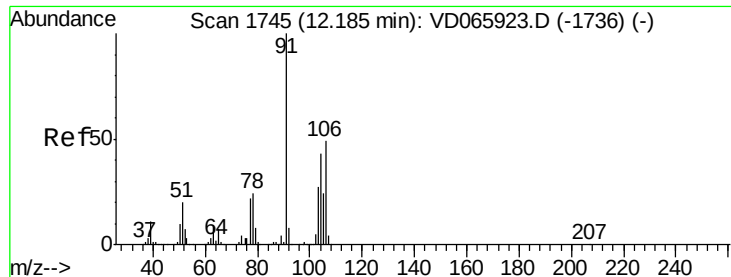
Tot Ion: 91 Resp: 421616
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8



#68
m/p-Xylenes
Concen: 42.169 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 106 Resp: 323282
Ion Ratio Lower Upper
106 100
91 198.4 158.2 237.2

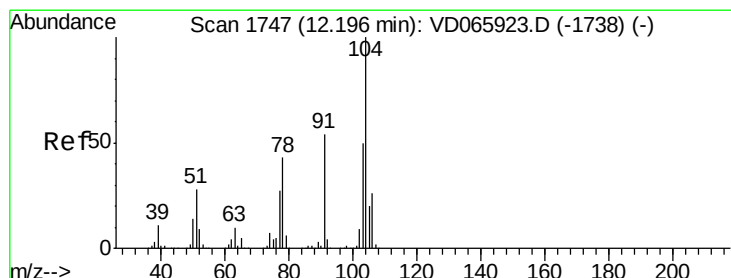
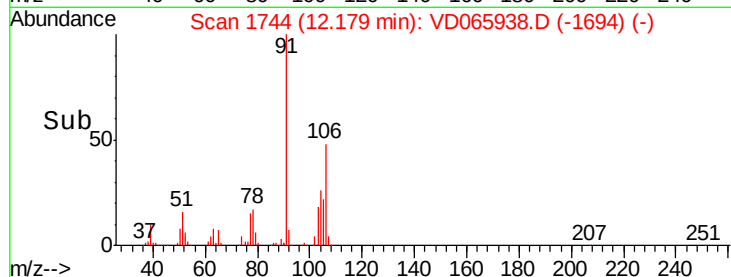
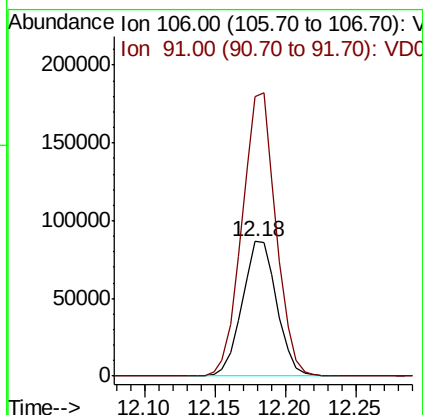
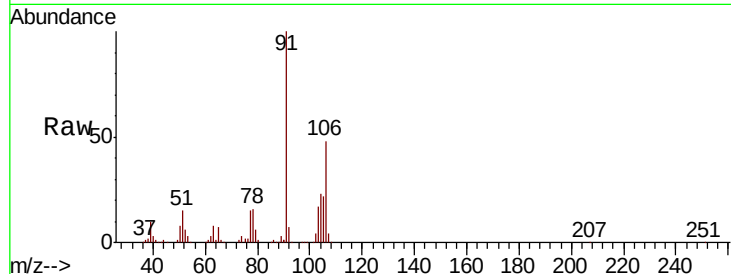




#69
o-Xylene
Concen: 21.253 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

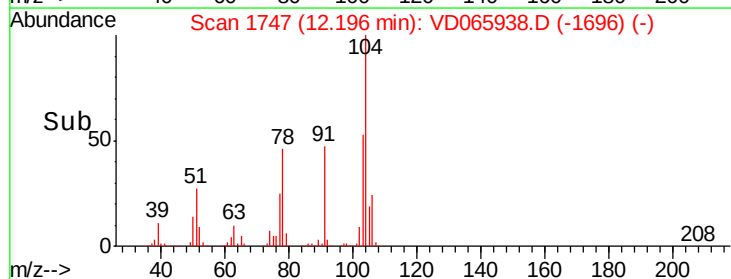
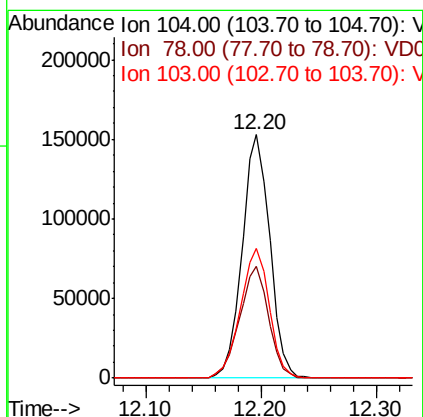
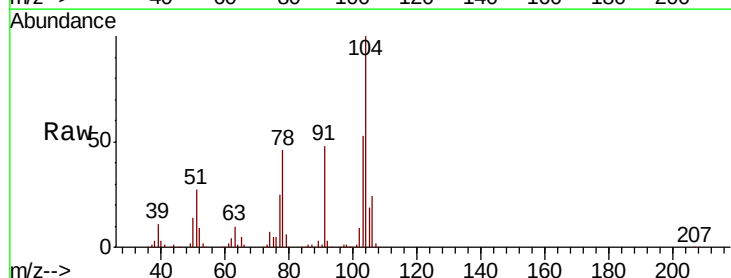
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

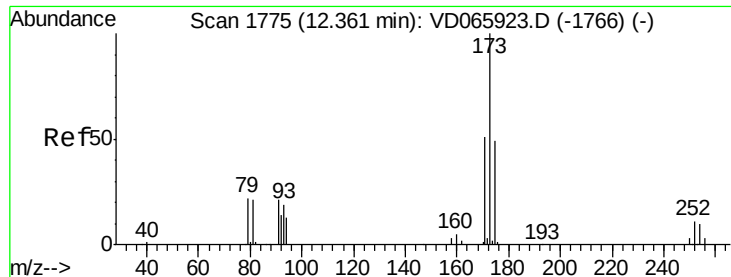
Tot Ion:106 Resp: 148422
Ion Ratio Lower Upper
106 100
91 206.0 104.1 312.2



#70
Styrene
Concen: 21.008 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion:104 Resp: 253262
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 56.2 43.6 65.4





#71

Bromoform

Concen: 19.920 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

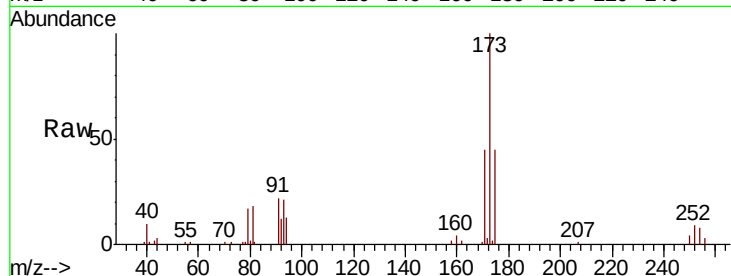
Tot Ion:173 Resp: 47885

Ion Ratio Lower Upper

173 100

175 49.1 24.2 72.6

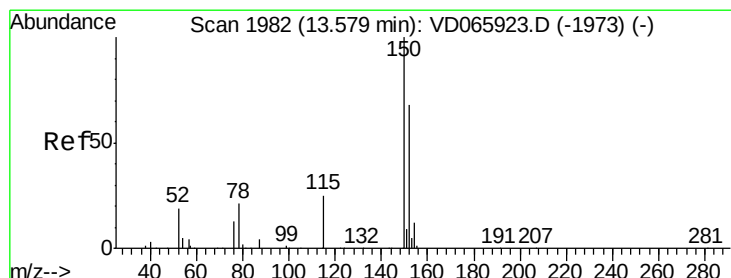
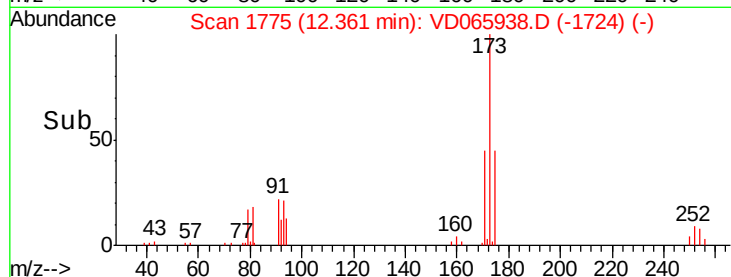
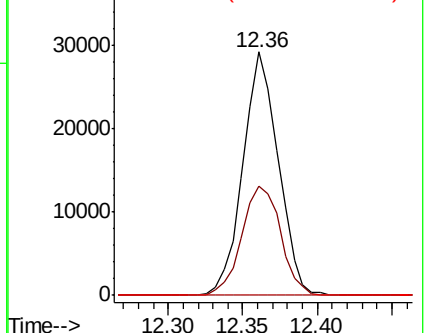
254 0.0 0.0 0.0



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: VD065938.D

Acq: 08 Jul 2020 14:02

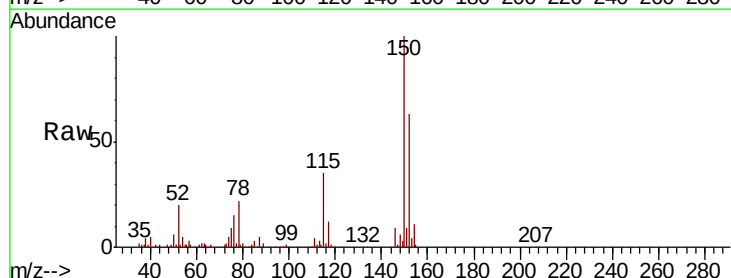
Tgt Ion:152 Resp: 274182

Ion Ratio Lower Upper

152 100

115 56.0 27.8 83.3

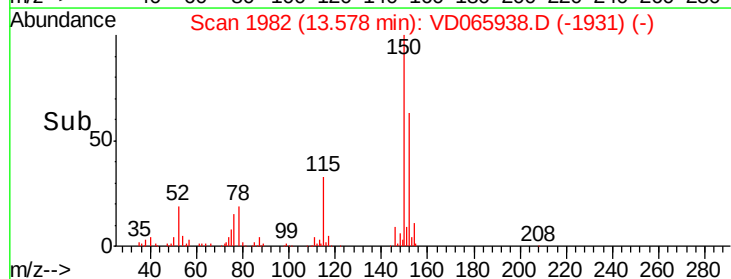
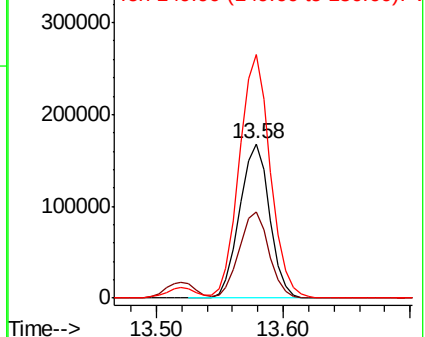
150 163.4 0.0 347.2

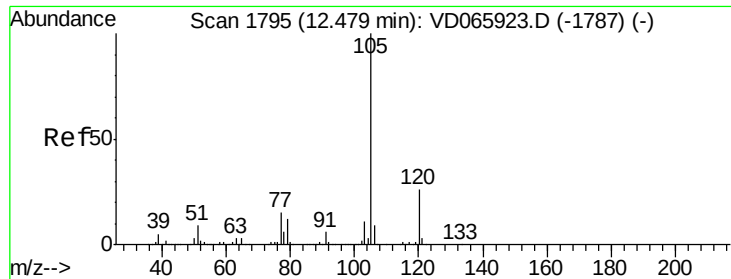


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.348 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

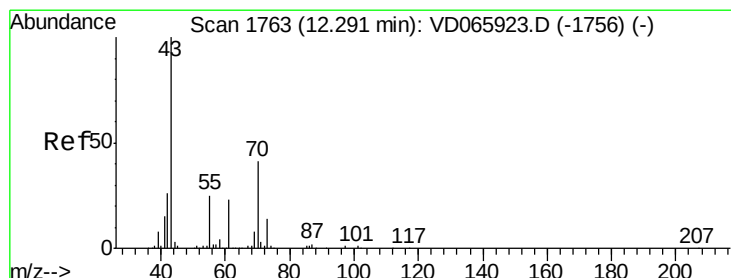
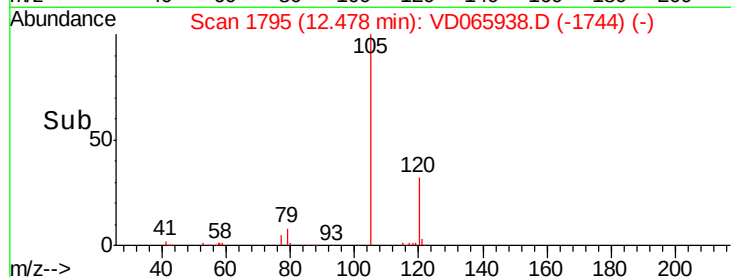
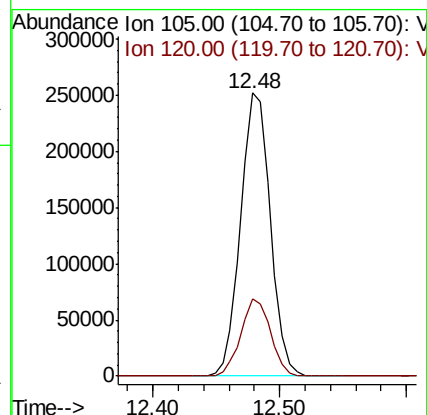
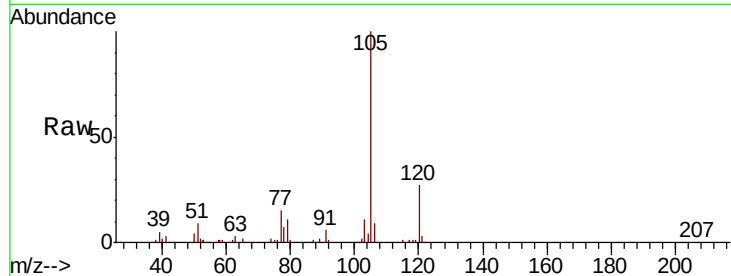
VD0708SBS01

Tot Ion:105 Resp: 408500

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.8



#74

N-ethyl acetate

Concen: 18.465 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Tgt Ion: 43 Resp: 79287

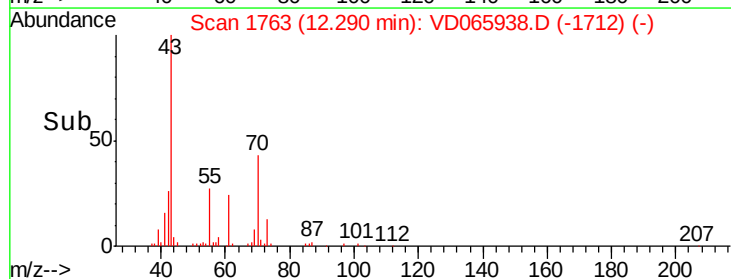
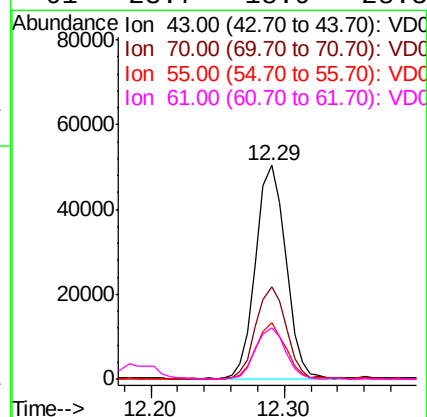
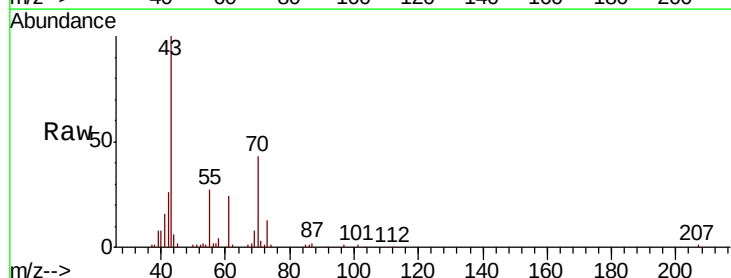
Ion Ratio Lower Upper

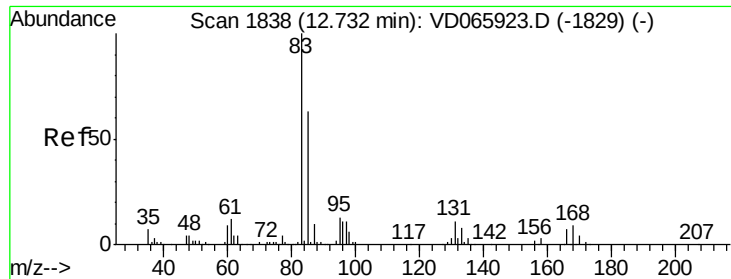
43 100

70 43.3 33.6 50.4

55 26.0 20.1 30.1

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.648 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

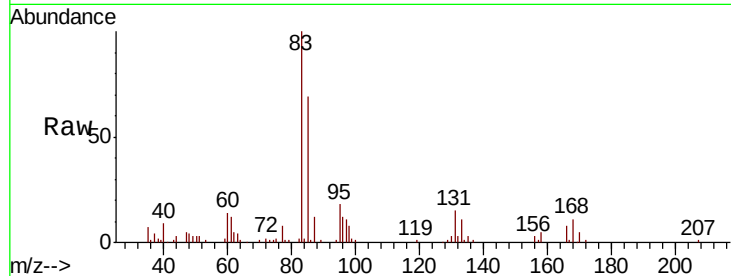
Tot Ion: 83 Resp: 62419

Ion Ratio Lower Upper

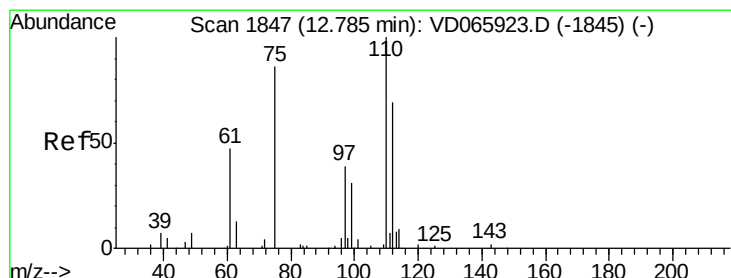
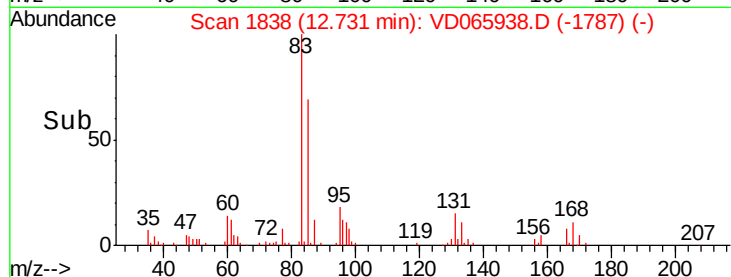
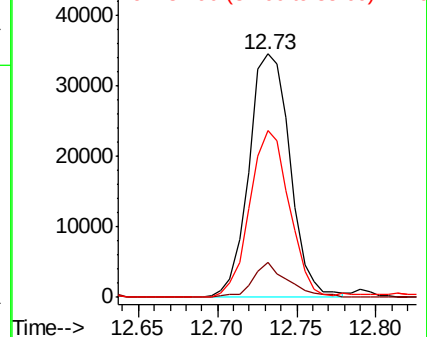
83 100

131 12.2 5.6 16.8

85 65.6 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: 36.052 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

Lab File: VD065938.D

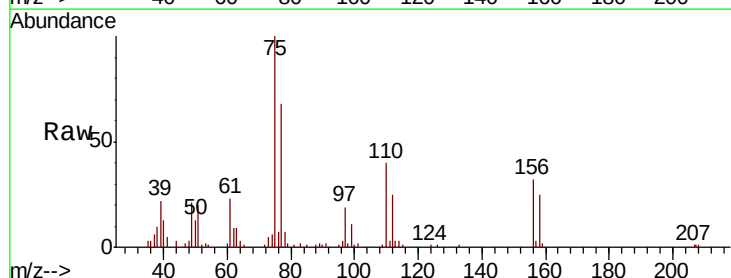
Acq: 08 Jul 2020 14:02

Tgt Ion: 75 Resp: 82921

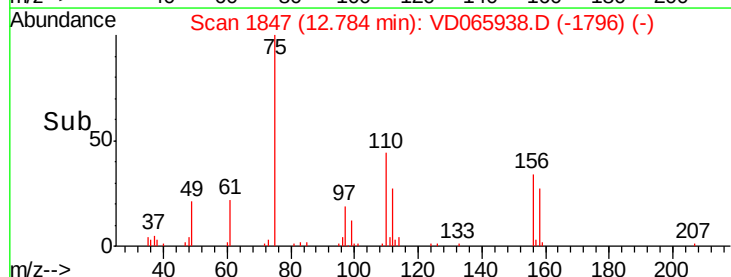
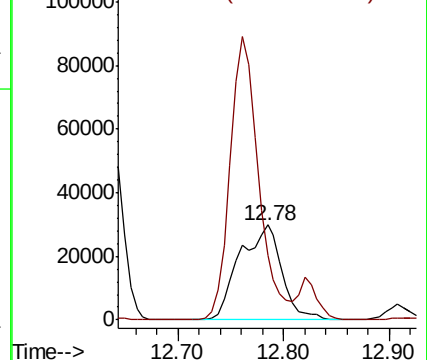
Ion Ratio Lower Upper

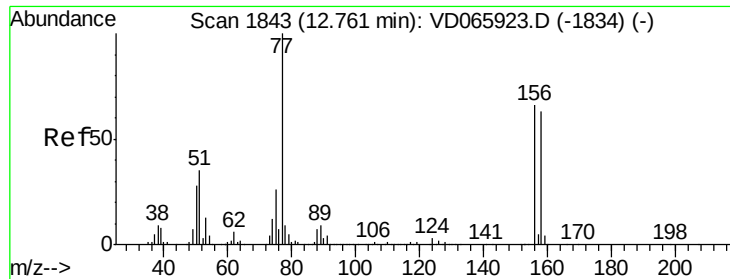
75 100

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: 21.274 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBS01

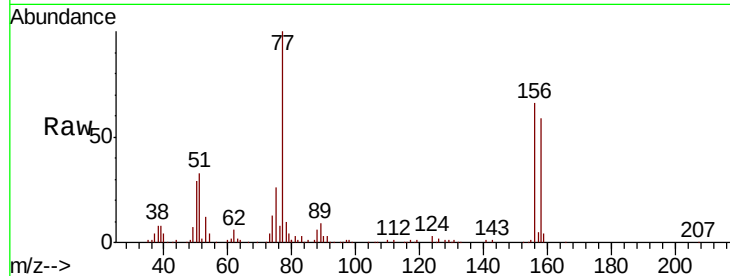
Tot Ion:156 Resp: 98736

Ion Ratio Lower Upper

156 100

77 169.3 85.0 255.0

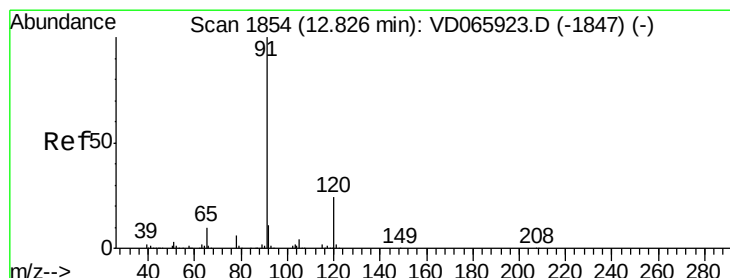
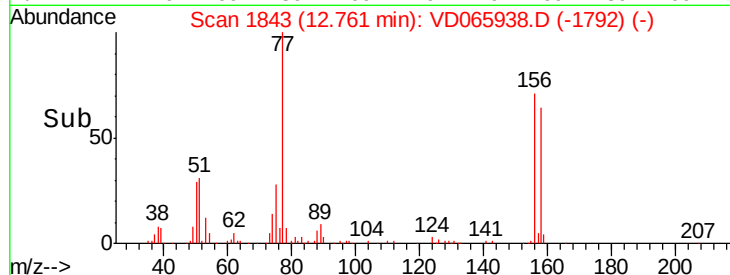
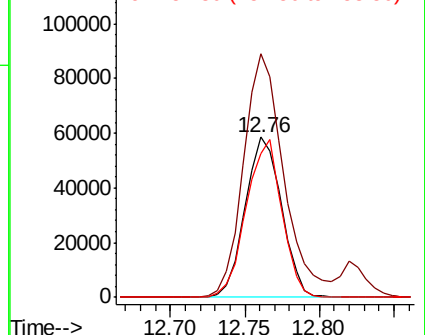
158 96.3 49.0 147.0



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: 21.554 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VD065938.D

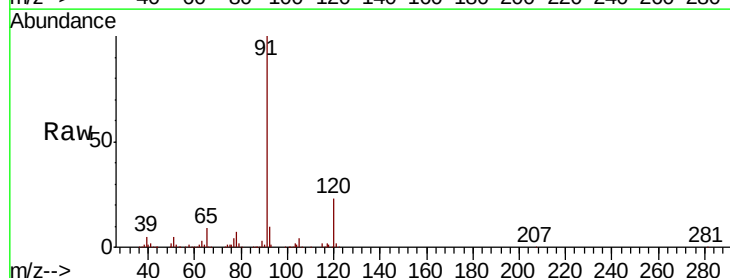
Acq: 08 Jul 2020 14:02

Tgt Ion: 91 Resp: 483560

Ion Ratio Lower Upper

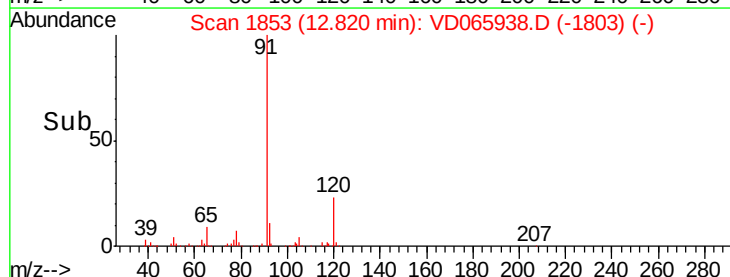
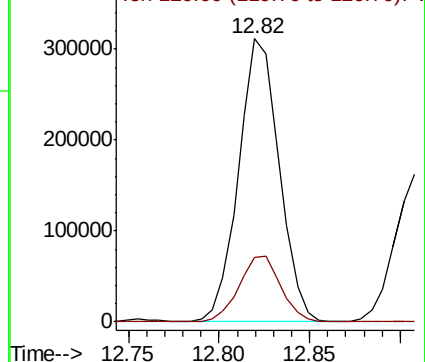
91 100

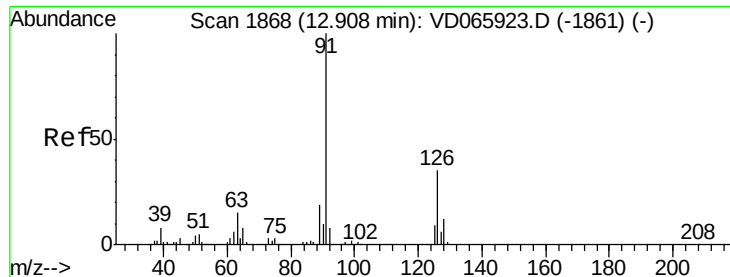
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.084 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

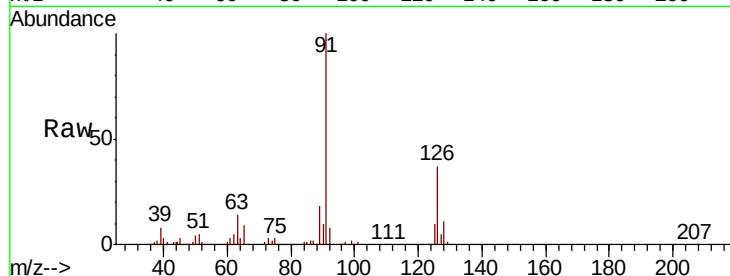
VD0708SBS01

Tot Ion: 91 Resp: 268336

Ion Ratio Lower Upper

91 100

126 35.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VD065923.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD065923.D (-1861) (-)

200000

150000

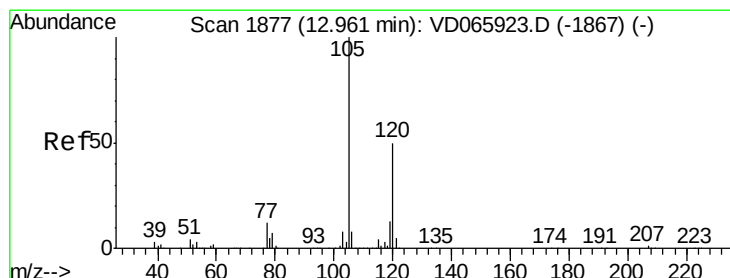
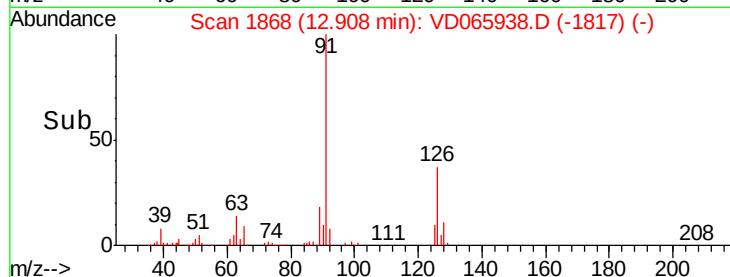
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 21.705 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VD065938.D

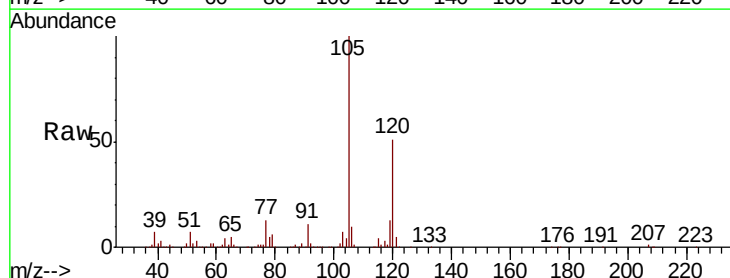
Acq: 08 Jul 2020 14:02

Tgt Ion: 105 Resp: 339714

Ion Ratio Lower Upper

105 100

120 50.7 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VD065923.D (-1867) (-)

Ion 120.00 (119.70 to 120.70): VD065923.D (-1867) (-)

250000

200000

150000

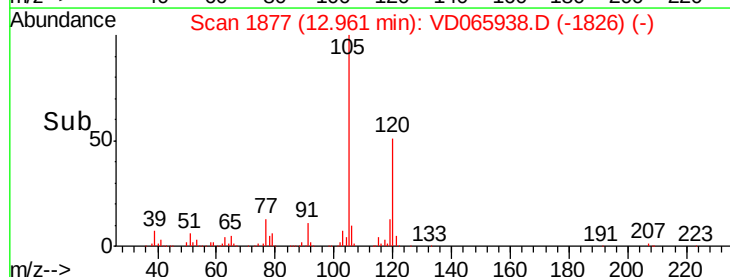
100000

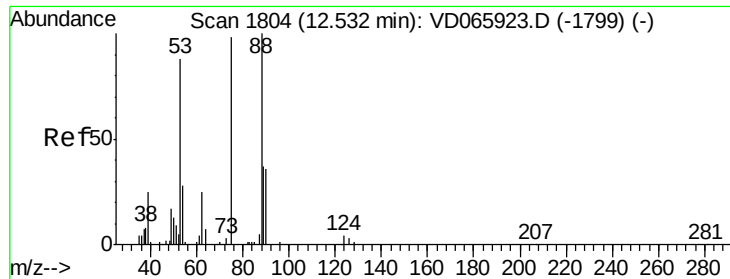
50000

0

12.90 12.95 13.00

Time-->

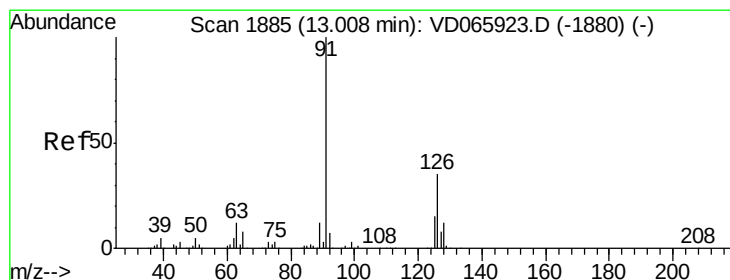
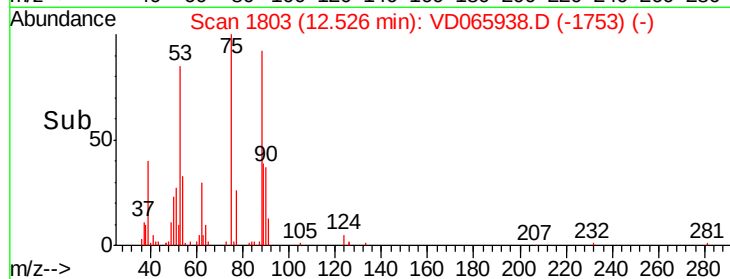
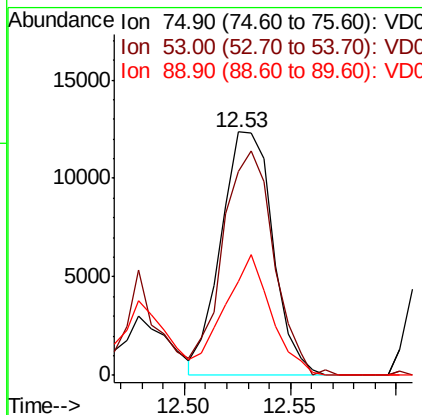
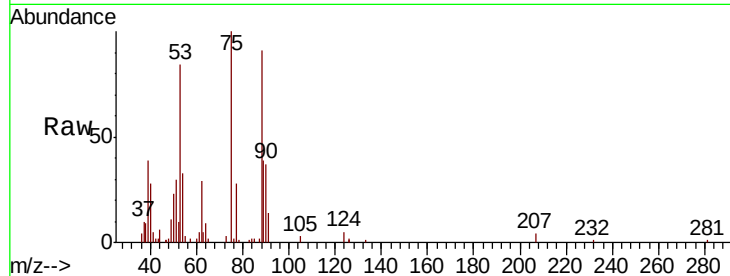




#81
trans-1,4-Dichloro-2-butene
Concen: 19.602 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

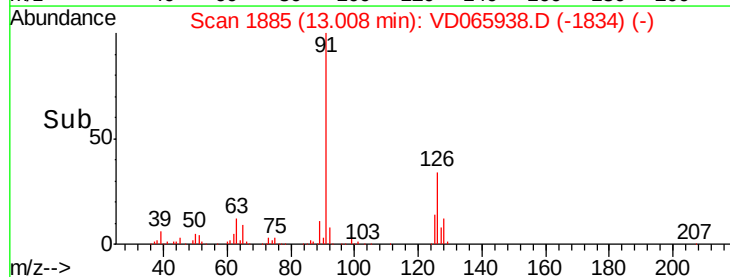
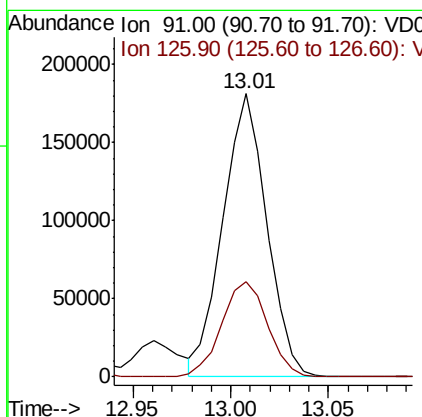
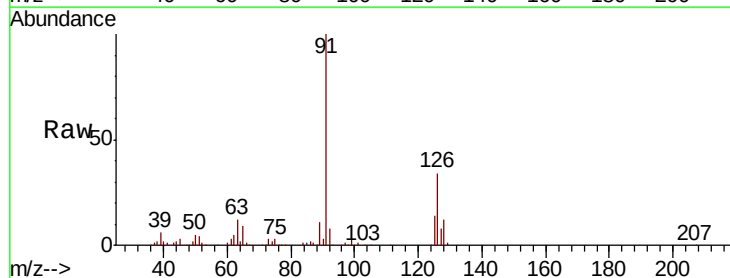
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

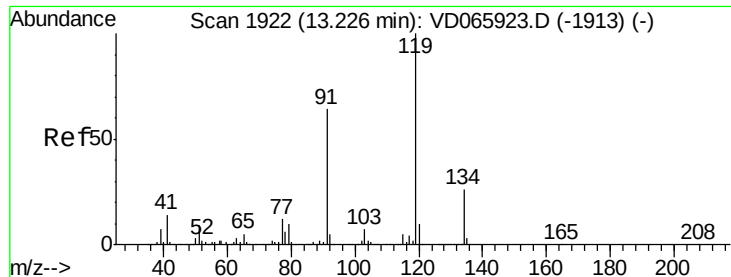
Tot Ion: 75 Resp: 20982
Ion Ratio Lower Upper
75 100
53 91.4 75.8 113.8
89 45.4 37.5 56.3



#82
4-Chlorotoluene
Concen: 21.074 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 91 Resp: 281399
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7

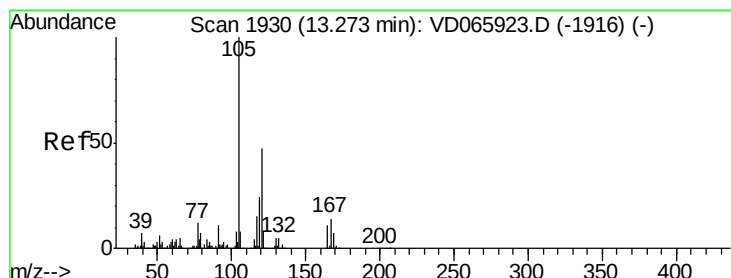
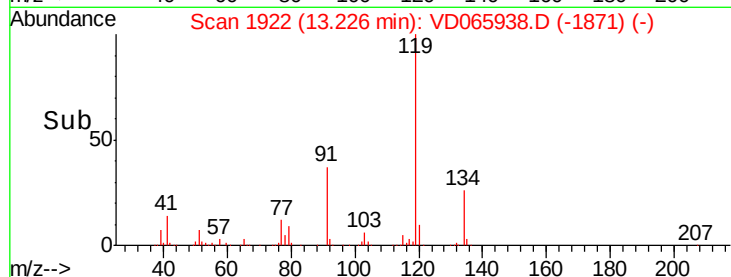
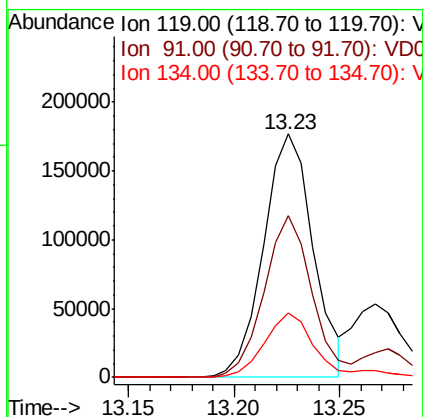
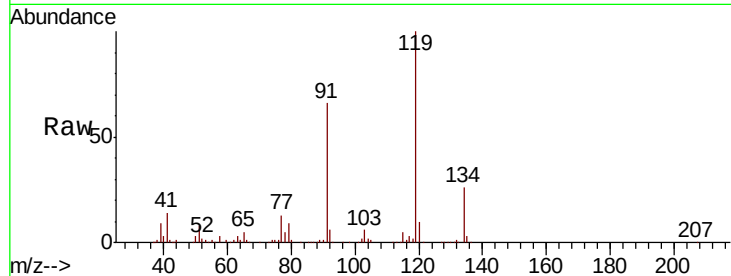




#83
 tert-Butylbenzene
 Concen: 21.696 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

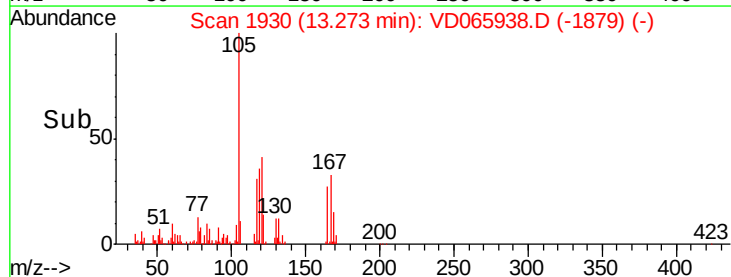
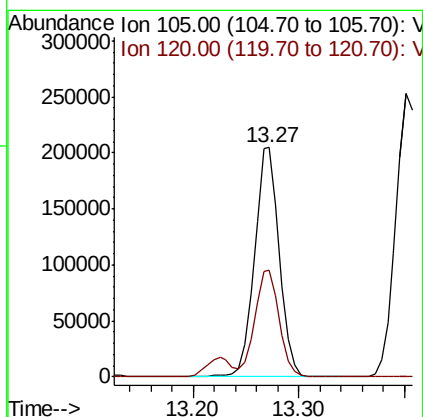
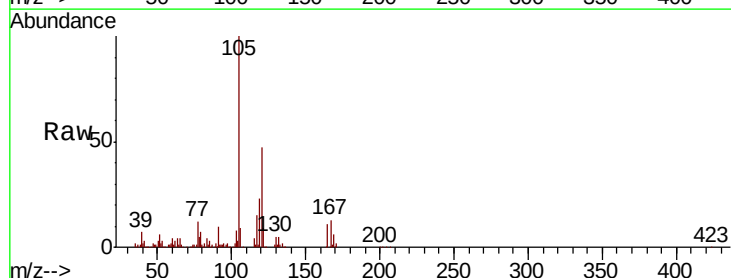
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

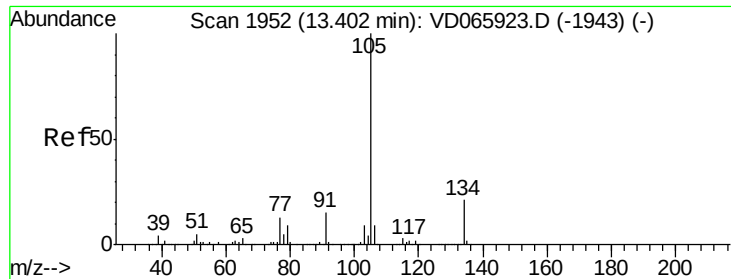
Tot Ion:119 Resp: 289312
 Ion Ratio Lower Upper
 119 100
 91 64.1 32.4 97.2
 134 25.6 14.1 42.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.525 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion:105 Resp: 335348
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 21.379 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

Instrument :

MSVOA_D

ClientSampleId :

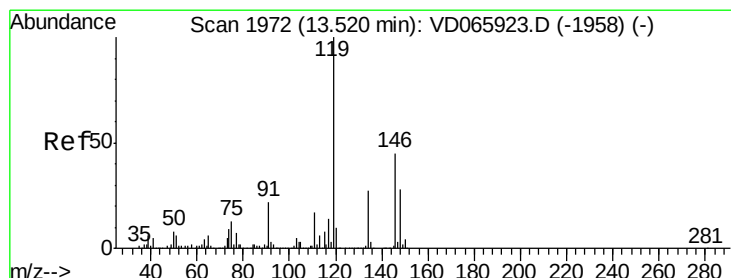
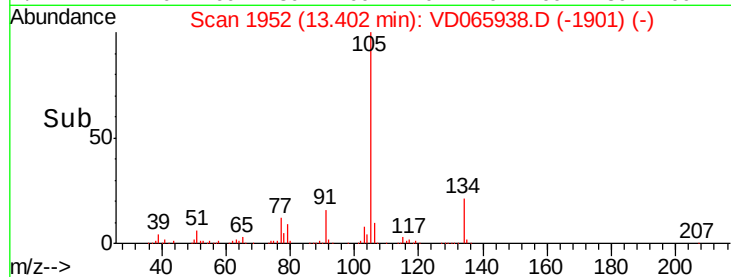
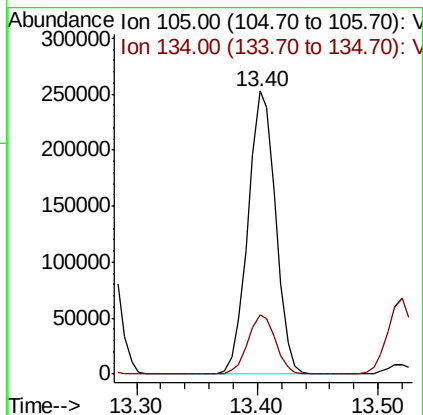
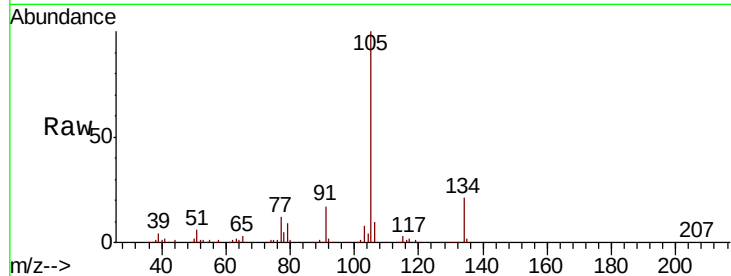
VD0708SBS01

Tot Ion:105 Resp: 404020

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 21.554 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065938.D

Acq: 08 Jul 2020 14:02

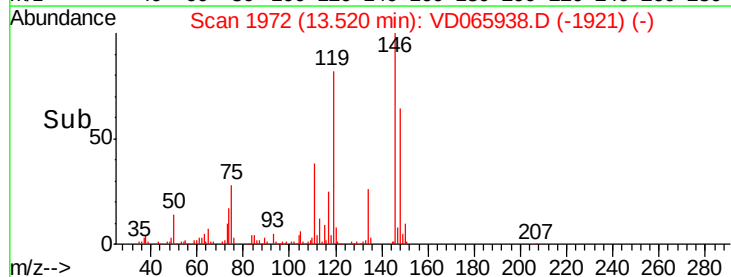
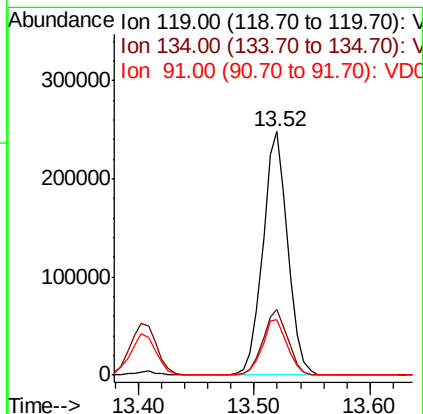
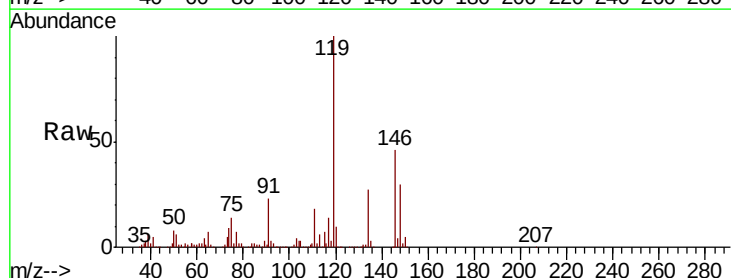
Tgt Ion:119 Resp: 372555

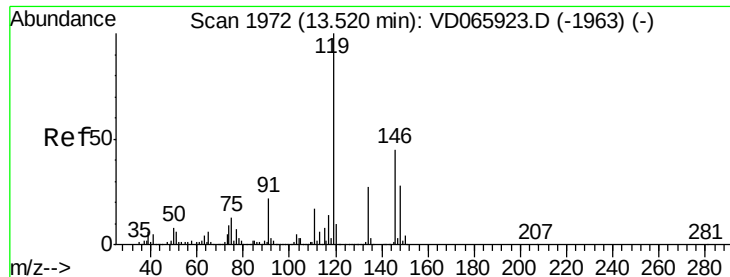
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 23.0 11.3 33.8

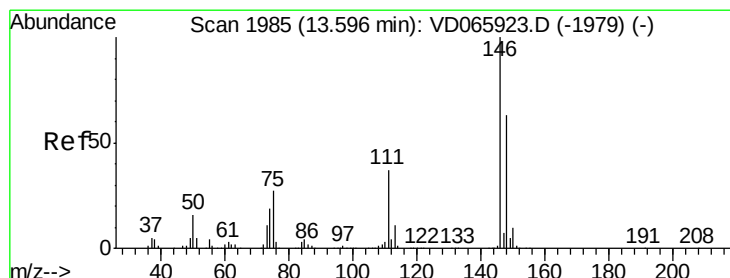
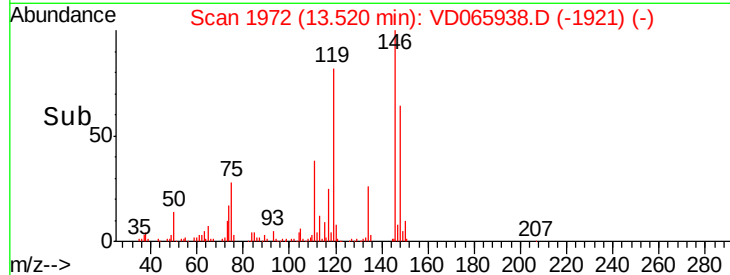
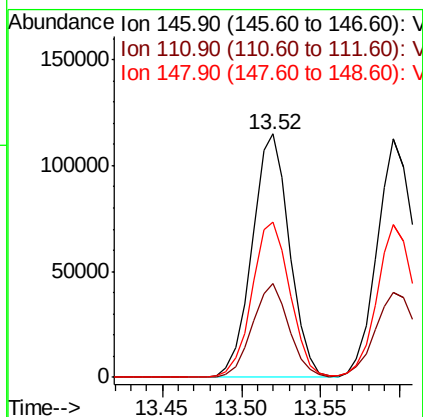
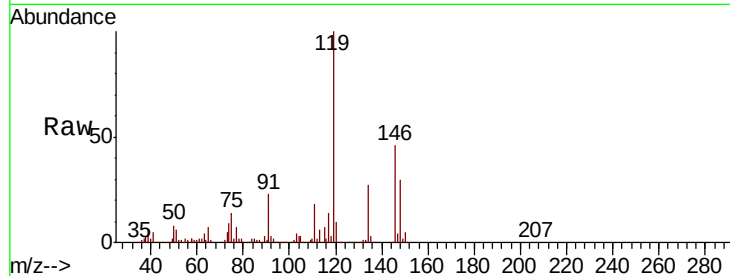




#87
 1,3-Dichlorobenzene
 Concen: 21.656 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

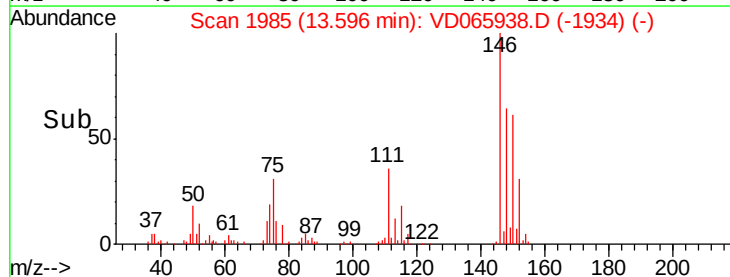
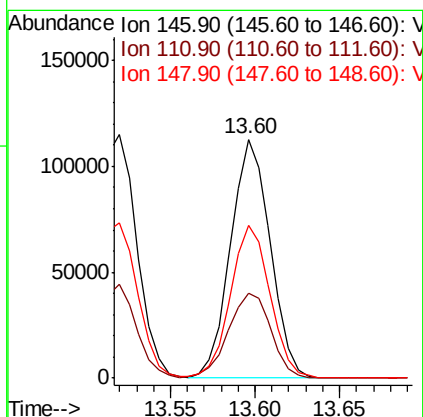
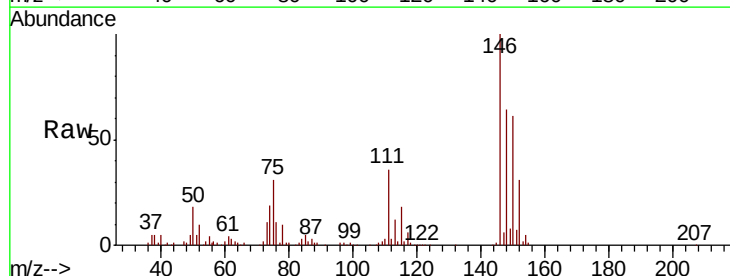
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

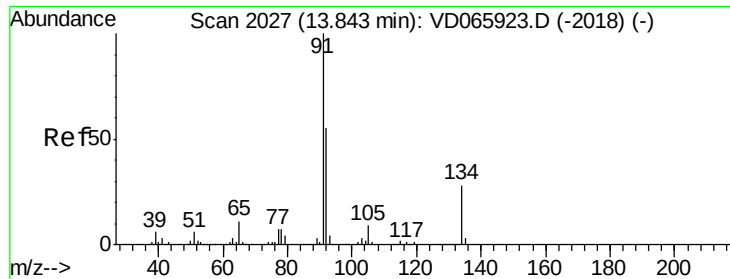
Tot Ion:146 Resp: 188075
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.3 57.8
 148 65.1 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 21.223 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion:146 Resp: 183883
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.9 56.7
 148 63.8 32.1 96.3

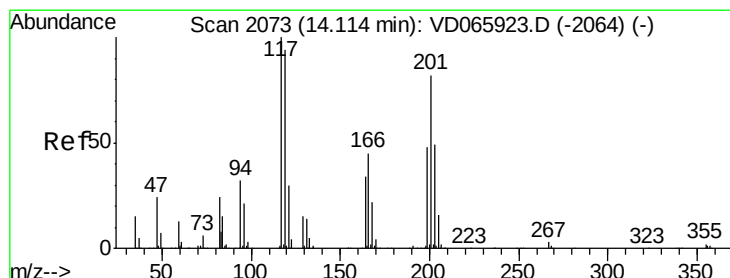
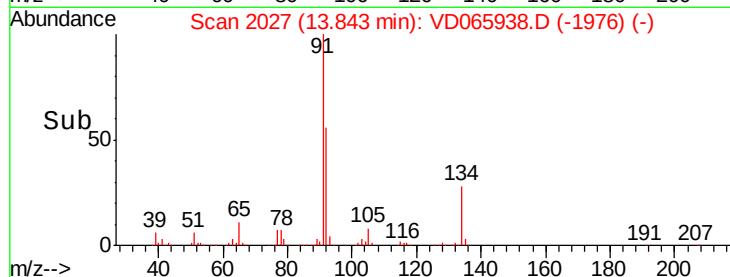
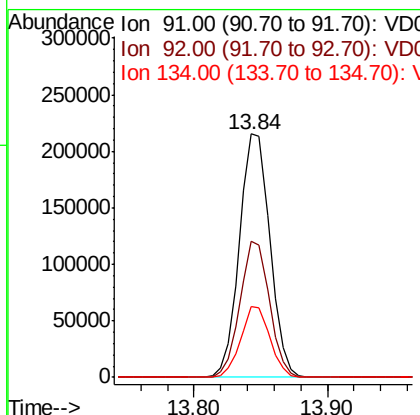
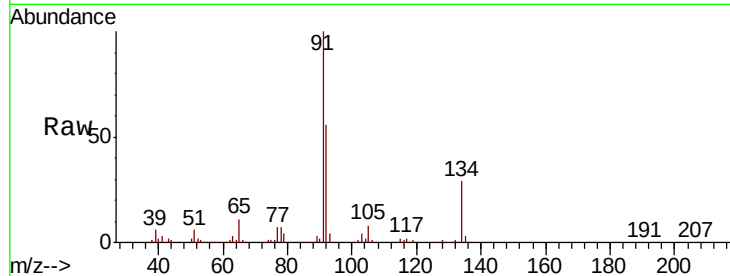




#89
n-Butylbenzene
Concen: 20.970 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

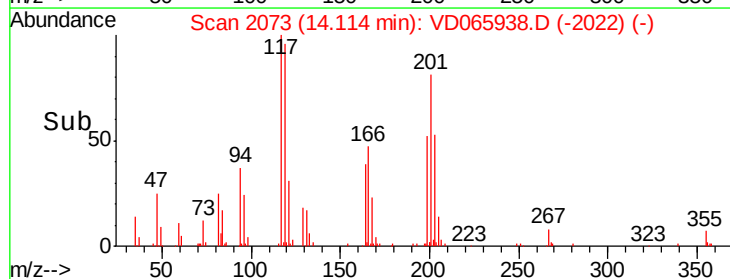
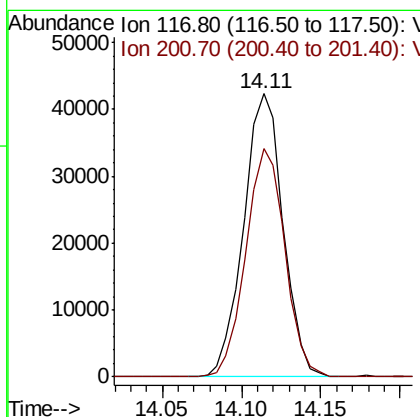
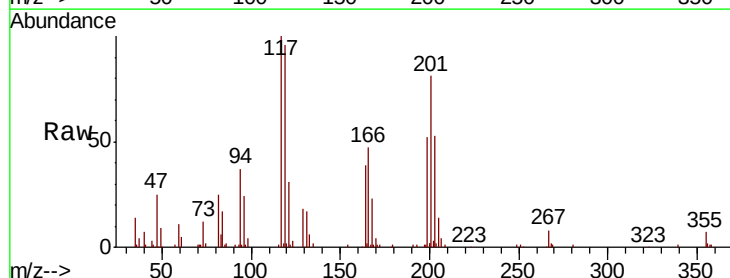
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

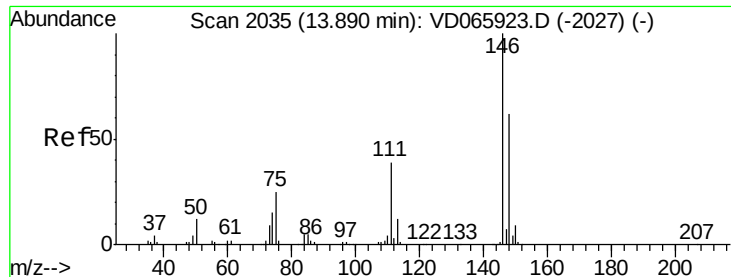
Tot Ion: 91 Resp: 340370
Ion Ratio Lower Upper
91 100
92 54.0 27.2 81.6
134 27.8 13.8 41.3



#90
Hexachloroethane
Concen: 20.964 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion: 117 Resp: 73071
Ion Ratio Lower Upper
117 100
201 80.3 40.0 120.0

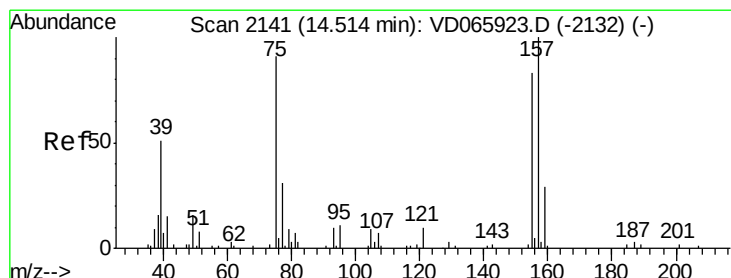
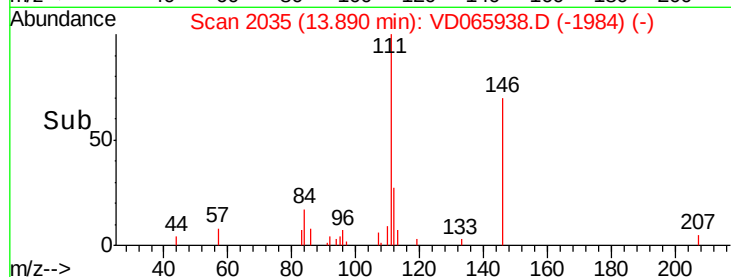
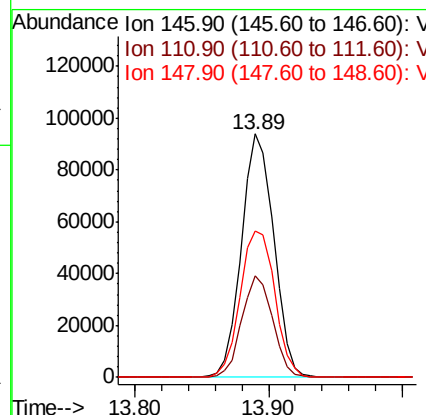
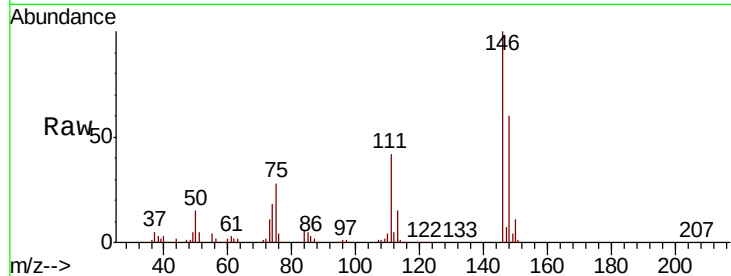




#91
 1,2-Dichlorobenzene
 Concen: 20.702 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

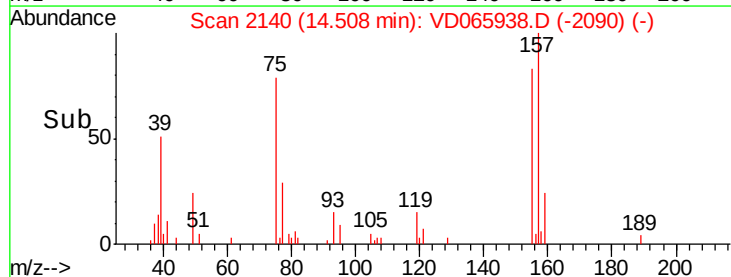
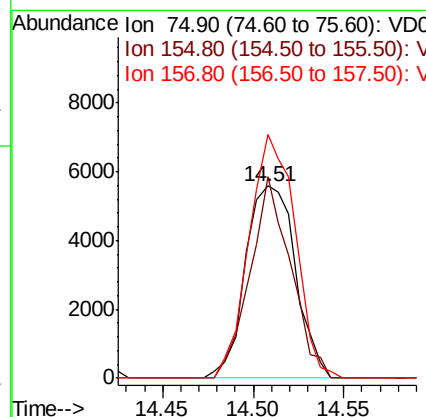
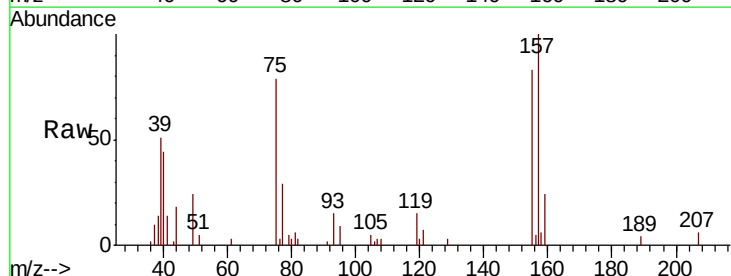
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

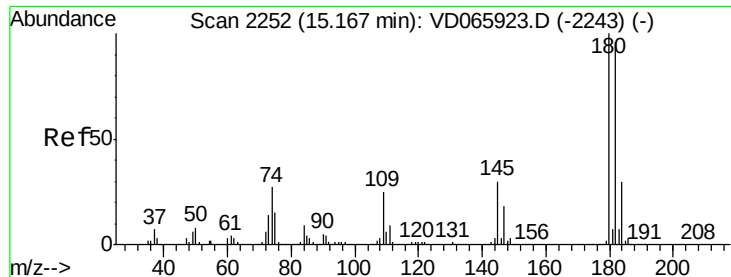
Tot Ion:146 Resp: 157141
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.0
 148 64.4 32.5 97.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.122 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion: 75 Resp: 10689
 Ion Ratio Lower Upper
 75 100
 155 84.9 45.3 135.8
 157 116.7 56.9 170.6

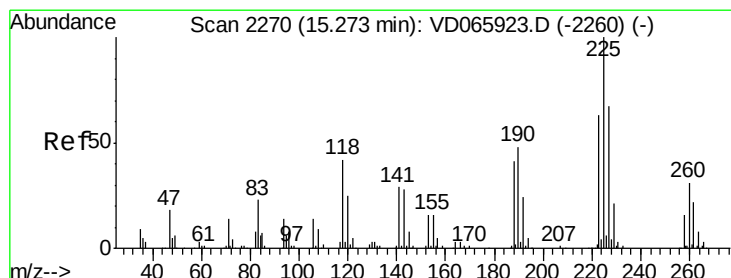
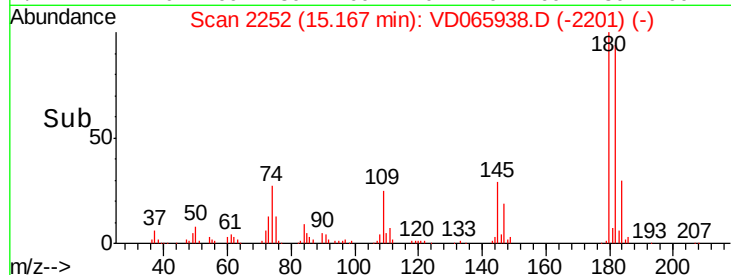
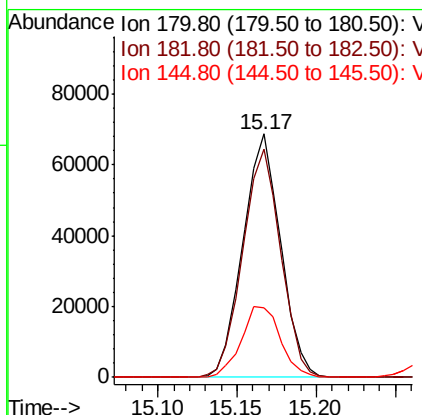
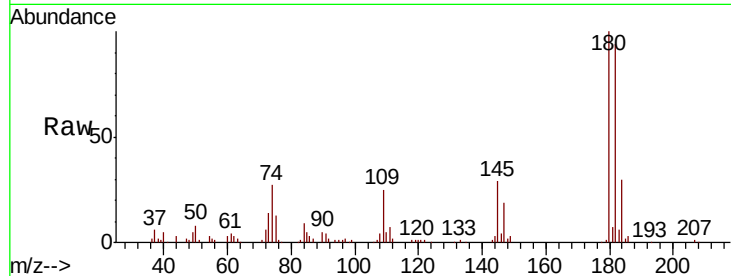




#93
 1,2,4-Trichlorobenzene
 Concen: 21.029 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

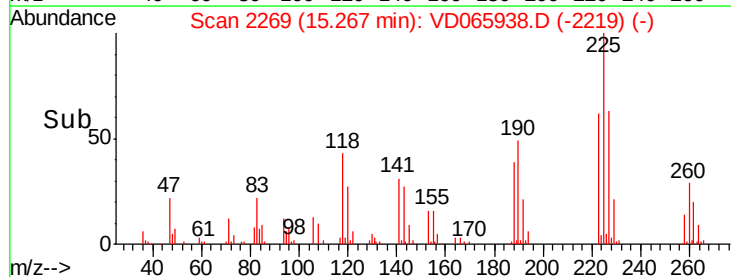
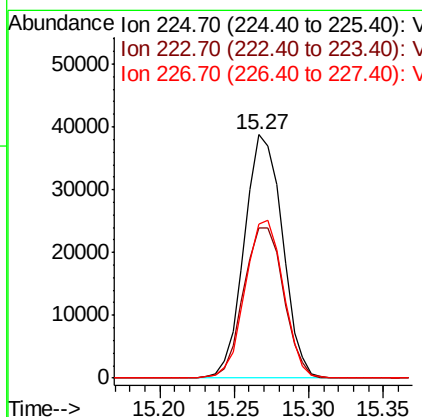
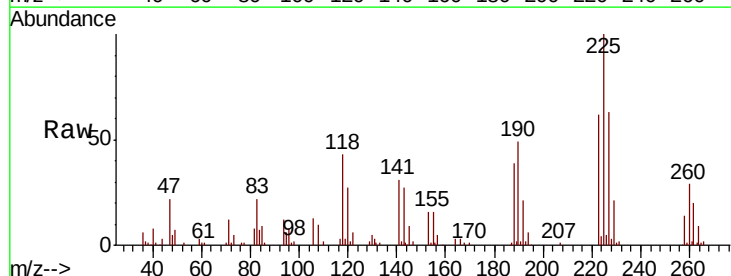
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBSD01

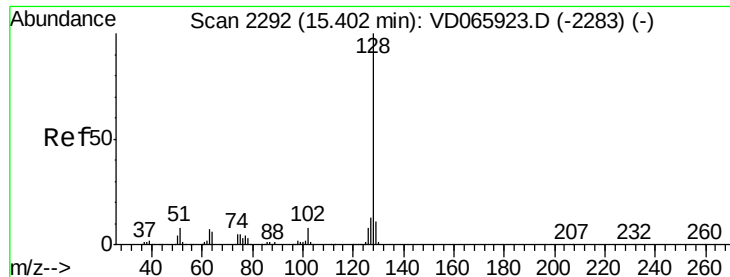
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.5	145.6
145	30.1	15.0	45.1



#94
 Hexachlorobutadiene
 Concen: 21.020 ug/l
 RT: 15.27 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: VD065938.D
 Acq: 08 Jul 2020 14:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	31.1	93.2
227	64.8	31.6	95.0

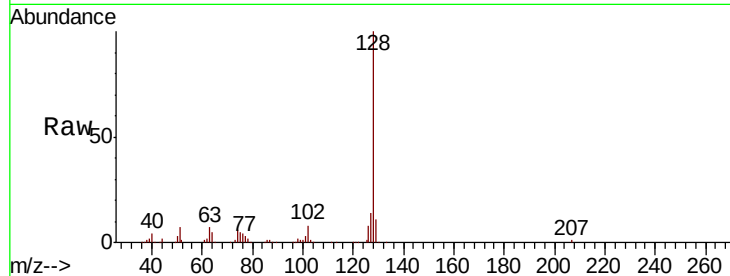




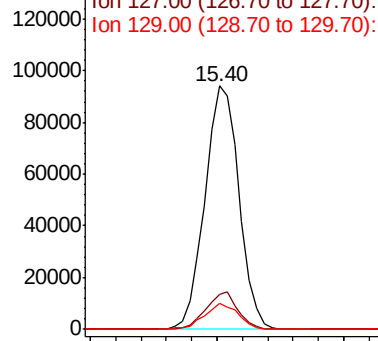
#95
Naphthalene
Concen: 19.324 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBSD01

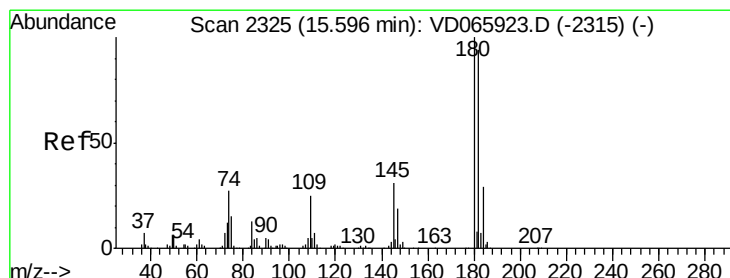
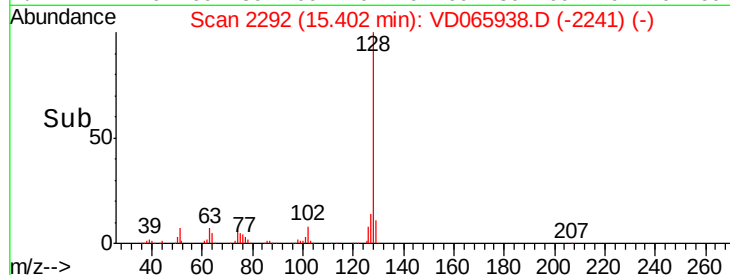
Tot Ion:128 Resp: 175327
Ion Ratio Lower Upper
128 100
127 14.2 10.8 16.2
129 10.6 8.9 13.3



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

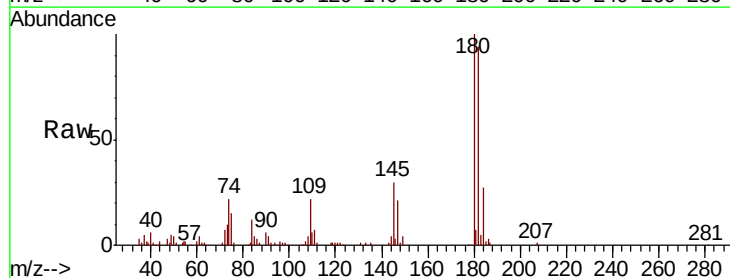


Time--> 15.30 15.40 15.50

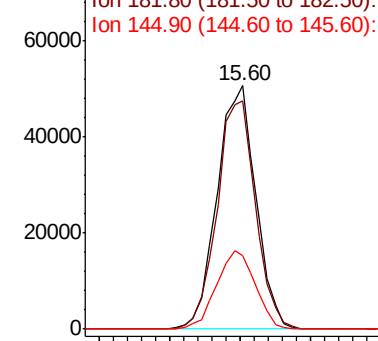


#96
1,2,3-Trichlorobenzene
Concen: 20.814 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.01 min
Lab File: VD065938.D
Acq: 08 Jul 2020 14:02

Tgt Ion:180 Resp: 97121
Ion Ratio Lower Upper
180 100
182 93.9 47.6 142.8
145 32.2 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



Time--> 15.50 15.55 15.60 15.65

