

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
 Data File : VD066064.D
 Acq On : 27 Jul 2020 13:47
 Operator : VA/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Quant Time: Jul 27 17:49:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	286117	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	403070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	377112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	205284	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	120052	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
35) Dibromofluoromethane	7.91	113	121998	49.90	ug/l	0.00
Spiked Amount			Recovery	=	99.80%	
50) Toluene-d8	10.34	98	470382	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	12.64	95	161733	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	46923	21.610	ug/l	95
3) Chloromethane	2.21	50	35706	20.150	ug/l	99
4) Vinyl Chloride	2.35	62	35028	20.758	ug/l	99
5) Bromomethane	2.76	94	23432	16.371	ug/l	91
6) Chloroethane	2.92	64	20407	20.259	ug/l	96
7) Trichlorofluoromethane	3.27	101	87692	21.365	ug/l	96
8) Diethyl Ether	3.70	74	21649	19.082	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	51795	20.900	ug/l	98
10) Methyl Iodide	4.30	142	52181	25.982	ug/l	96
11) Tert butyl alcohol	5.19	59	11915	60.820	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	46814	19.789	ug/l	93
13) Acrolein	3.92	56	15163	77.304	ug/l	100
14) Allyl chloride	4.71	41	68197	18.442	ug/l	92
15) Acrylonitrile	5.43	53	44122	91.033	ug/l	97
16) Acetone	4.16	43	43388	92.072	ug/l	91
17) Carbon Disulfide	4.41	76	141708	18.467	ug/l	98
18) Methyl Acetate	4.71	43	19461	17.752	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	96477	19.849	ug/l	99
20) Methylene Chloride	4.97	84	64167	23.026	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	53076	19.852	ug/l	93
22) Diisopropyl ether	6.36	45	128756	18.327	ug/l	94
23) Vinyl Acetate	6.31	43	374658	94.560	ug/l	97
24) 1,1-Dichloroethane	6.27	63	80750	18.970	ug/l	97
25) 2-Butanone	7.21	43	56112	89.736	ug/l	99
26) 2,2-Dichloropropane	7.21	77	83270	21.753	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	55052	19.447	ug/l	97
28) Bromochloromethane	7.55	49	32438	17.954	ug/l	91
29) Tetrahydrofuran	7.56	42	34789	90.171	ug/l	96
30) Chloroform	7.71	83	89891	20.188	ug/l	93
31) Cyclohexane	7.98	56	79222	18.917	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	89370	21.698	ug/l	98
36) 1,1-Dichloropropene	8.11	75	71397	20.755	ug/l	99
37) Ethyl Acetate	7.29	43	26324	20.037	ug/l	100
38) Carbon Tetrachloride	8.10	117	83235	22.300	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	87215	20.936	ug/l	94
40) Benzene	8.36	78	195157	20.278	ug/l	99
41) Methacrylonitrile	7.55	41	35723	47.467	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	56248	21.329	ug/l	99
43) Isopropyl Acetate	8.46	43	48561	18.925	ug/l	98
44) Trichloroethene	9.11	130	60227	20.680	ug/l	93
45) 1,2-Dichloropropane	9.38	63	46717	20.043	ug/l	100
46) Dibromomethane	9.48	93	26094	20.796	ug/l	98
47) Bromodichloromethane	9.67	83	68646	20.691	ug/l	98
48) Methyl methacrylate	9.46	41	23156	17.891	ug/l #	86
49) 1,4-Dioxane	9.47	88	5827	400.835	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	125023	96.703	ug/l	99
52) Toluene	10.41	92	134080	21.363	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	65261	21.114	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	76892	20.522	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	36475	20.496	ug/l	94
56) Ethyl methacrylate	10.67	69	43510	21.029	ug/l	99
57) 1,3-Dichloropropane	10.95	76	59052	20.045	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.94	63	104836	106.068	ug/l	97
59) 2-Hexanone	10.99	43	89504	99.900	ug/l	96
60) Dibromochloromethane	11.14	129	50601	21.089	ug/l	96
61) 1,2-Dibromoethane	11.26	107	36546	21.299	ug/l	97
64) Tetrachloroethene	10.88	164	54340	21.230	ug/l	95
65) Chlorobenzene	11.68	112	146082	21.157	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.75	131	55855	21.908	ug/l	97
67) Ethyl Benzene	11.75	91	254655	21.431	ug/l	99
68) m/p-Xylenes	11.86	106	201830	44.192	ug/l	100
69) o-Xylene	12.18	106	88609	21.331	ug/l	94
70) Styrene	12.20	104	156531	21.932	ug/l	99
71) Bromoform	12.37	173	32134	21.517	ug/l #	100
73) Isopropylbenzene	12.48	105	255406	20.561	ug/l	99
74) N-amyl acetate	12.30	43	47886	18.593	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	37857	18.441	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	51822	33.527	ug/l #	100
77) Bromobenzene	12.77	156	64637	20.361	ug/l	95
78) n-propylbenzene	12.83	91	299856	20.803	ug/l	100
79) 2-Chlorotoluene	12.91	91	165594	20.109	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	217162	21.279	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.54	75	12905	19.158	ug/l	96
82) 4-Chlorotoluene	13.01	91	178041	20.483	ug/l	99
83) tert-Butylbenzene	13.23	119	187415	20.986	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	211032	20.960	ug/l	98
85) sec-Butylbenzene	13.41	105	263911	21.455	ug/l	100
86) p-Isopropyltoluene	13.53	119	241183	21.582	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	124767	21.169	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	123841	20.785	ug/l	99
89) n-Butylbenzene	13.85	91	220164	21.188	ug/l	98
90) Hexachloroethane	14.12	117	47287	20.441	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	103710	20.306	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	6645	19.751	ug/l	93

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Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Quant Time: Jul 27 17:49:25 2020
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

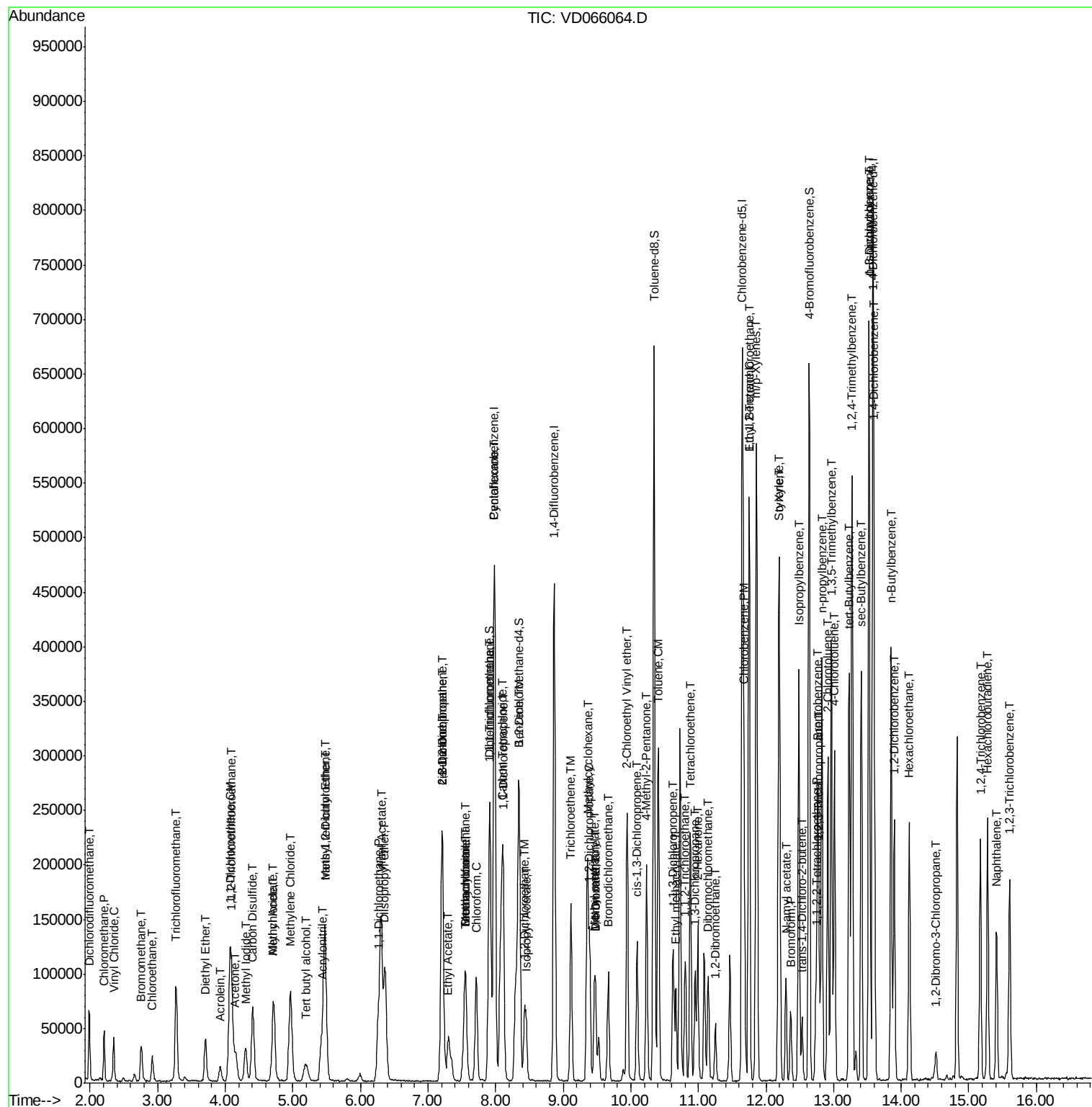
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	78899	21.522	ug/l	100
94) Hexachlorobutadiene	15.28	225	50002	22.062	ug/l	98
95) Naphthalene	15.41	128	120902	20.777	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	68453	21.479	ug/l	97

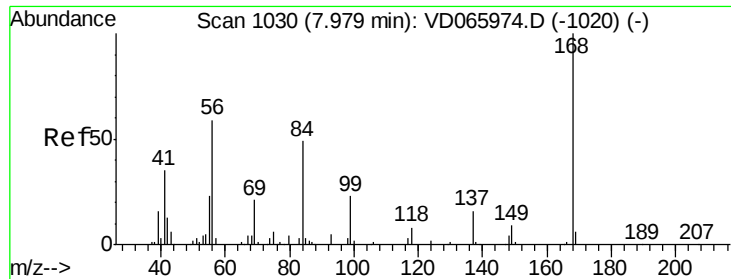
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Instrument :
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

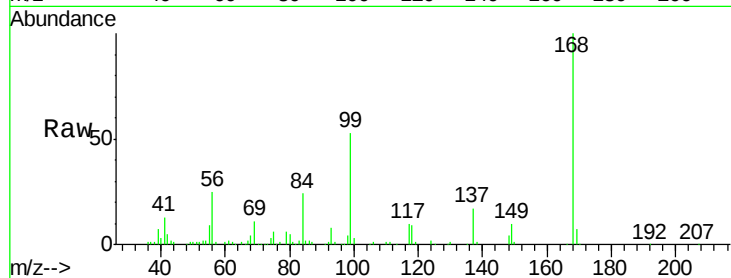
VD0727SBS01

Tgt Ion:168 Resp: 286117

Ion Ratio Lower Upper

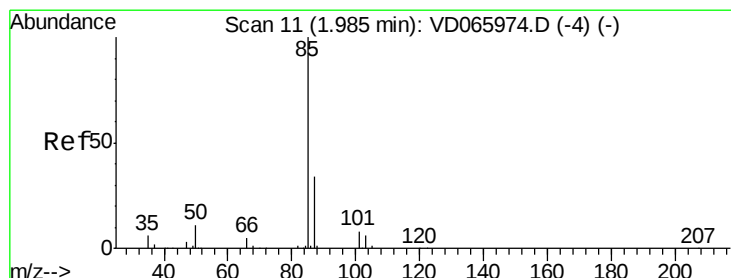
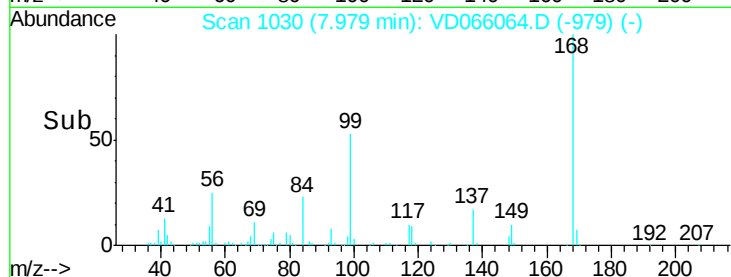
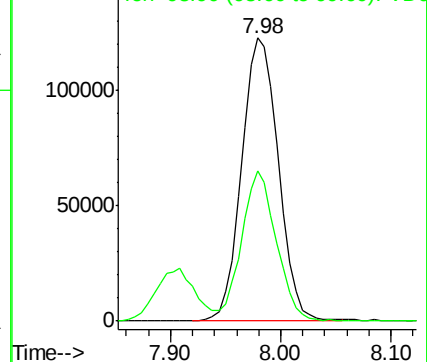
168 100

99 52.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.610 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066064.D

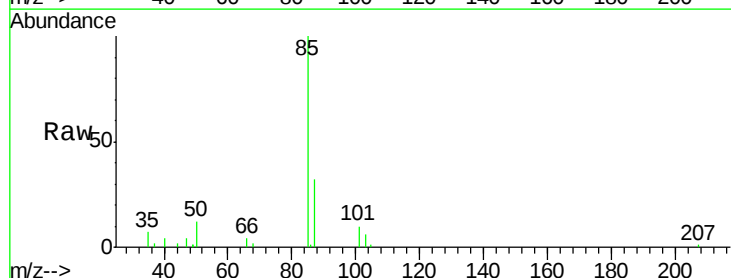
Acq: 27 Jul 2020 13:47

Tgt Ion: 85 Resp: 46923

Ion Ratio Lower Upper

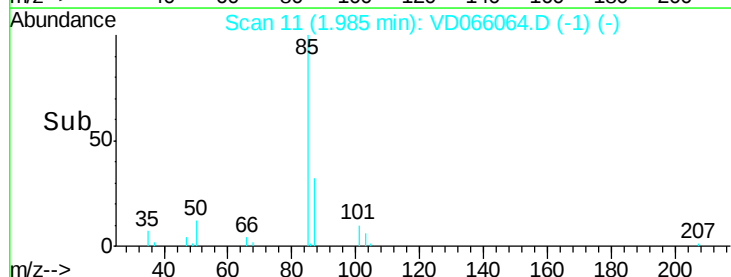
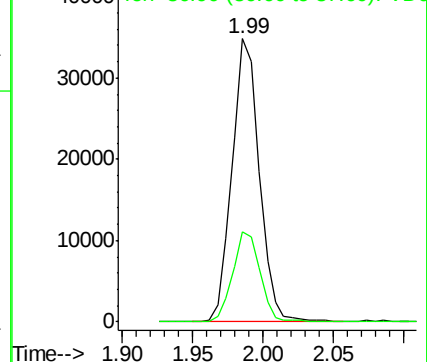
85 100

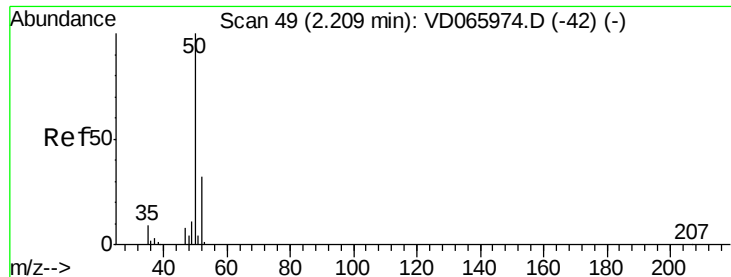
87 31.8 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.150 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

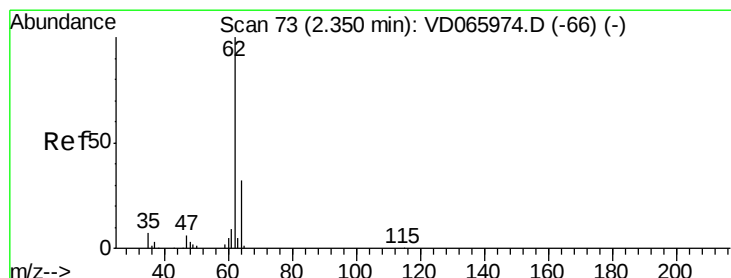
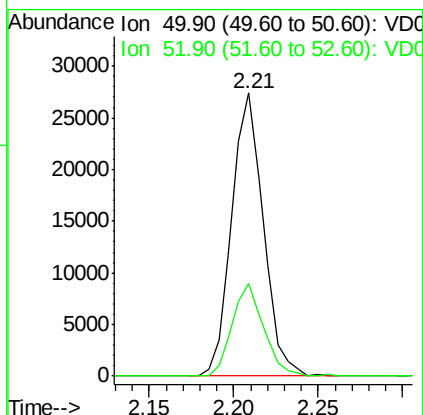
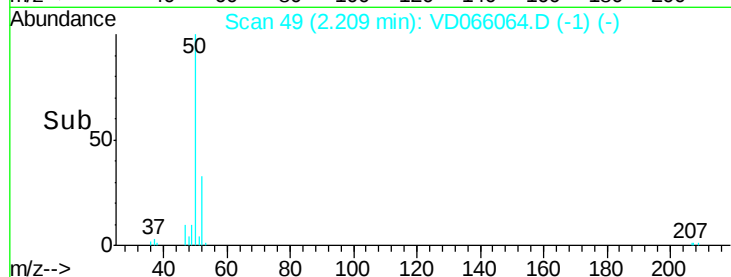
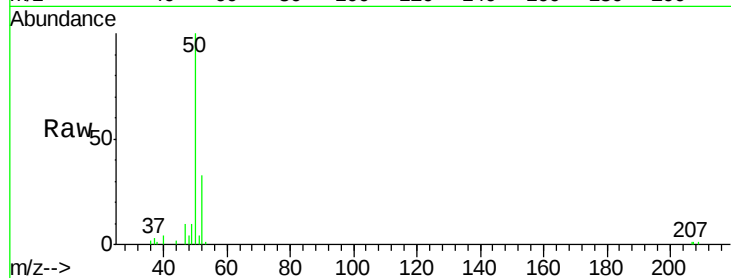
VD0727SBS01

Tgt Ion: 50 Resp: 35706

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.8



#4

Vinyl Chloride

Concen: 20.758 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066064.D

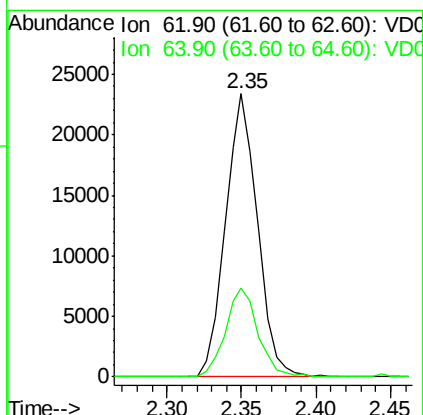
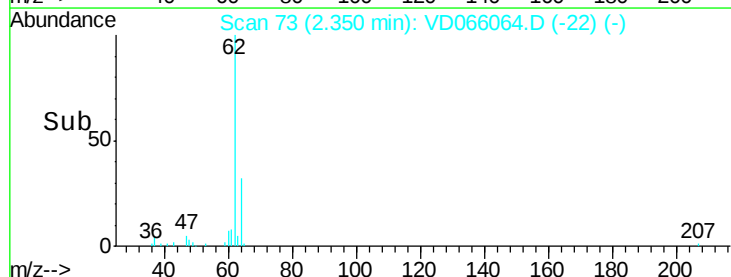
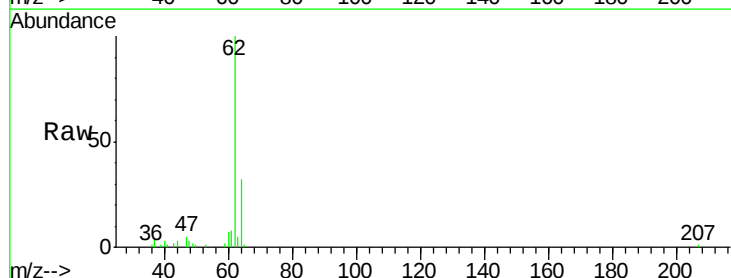
Acq: 27 Jul 2020 13:47

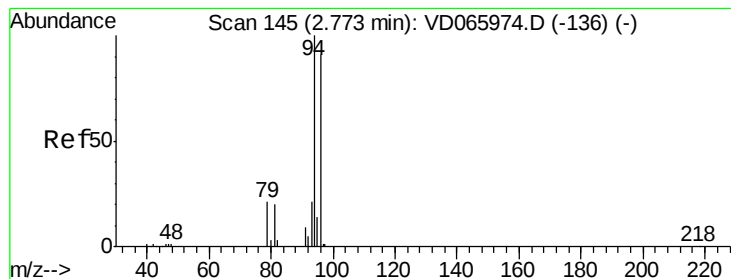
Tgt Ion: 62 Resp: 35028

Ion Ratio Lower Upper

62 100

64 31.6 25.8 38.8





#5

Bromomethane

Concen: 16.371 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.02 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

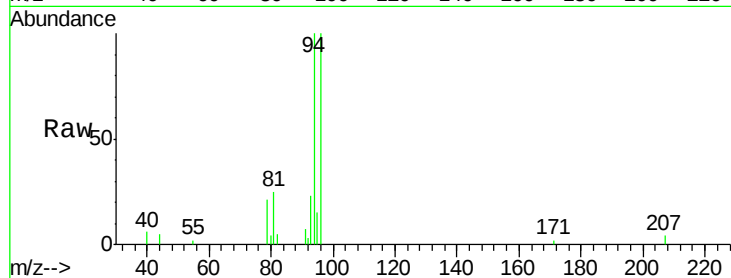
VD0727SBS01

Tgt Ion: 94 Resp: 23432

Ion Ratio Lower Upper

94 100

96 99.8 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.76

12000

10000

8000

6000

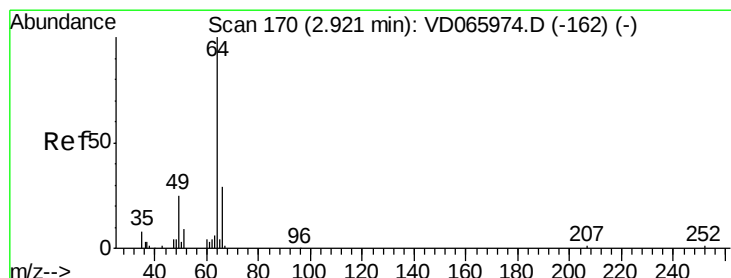
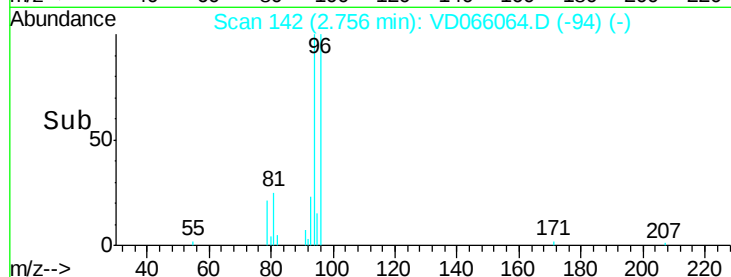
4000

2000

0

Time-->

2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 20.259 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066064.D

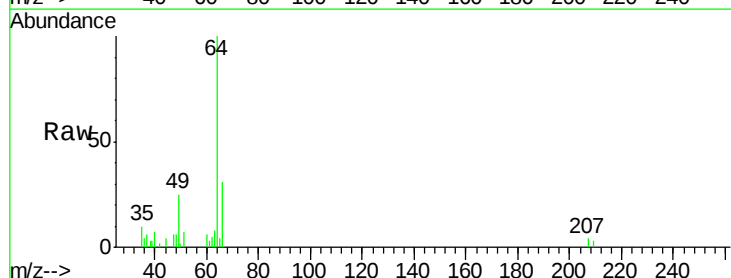
Acq: 27 Jul 2020 13:47

Tgt Ion: 64 Resp: 20407

Ion Ratio Lower Upper

64 100

66 31.4 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

12000

10000

8000

6000

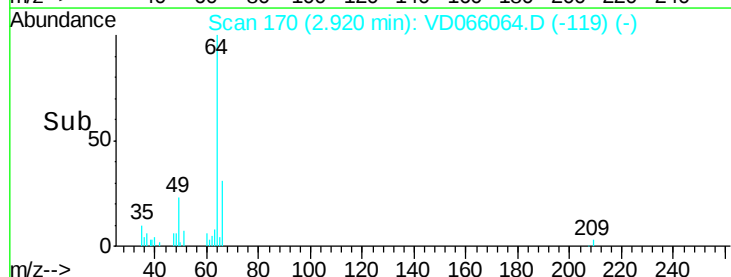
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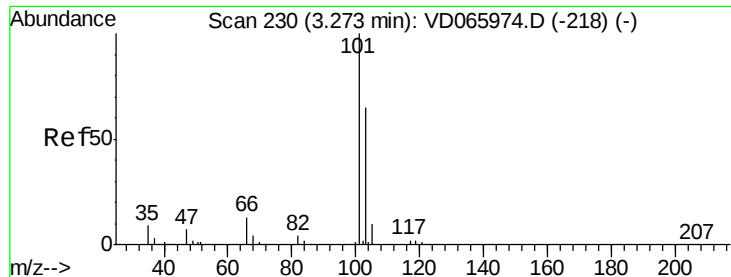
2000

0

Time-->

2.85 2.90 2.95 3.00



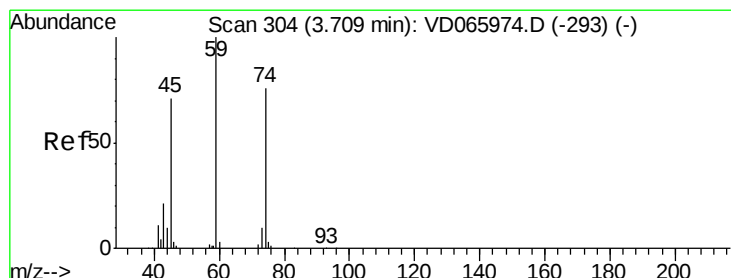
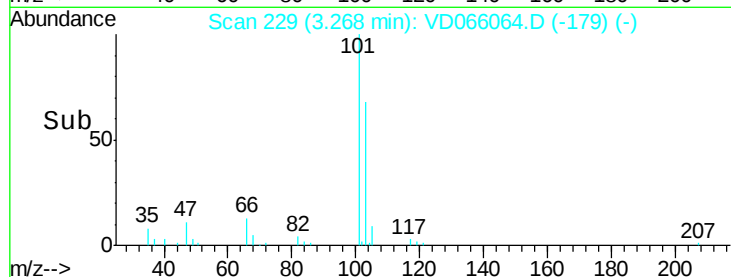
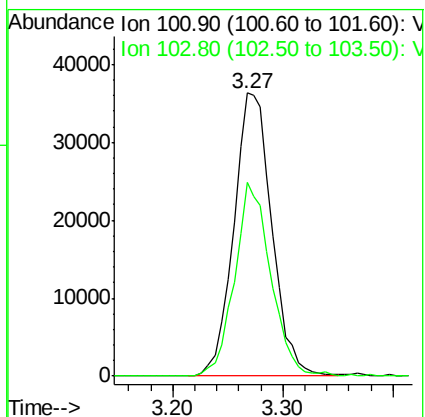
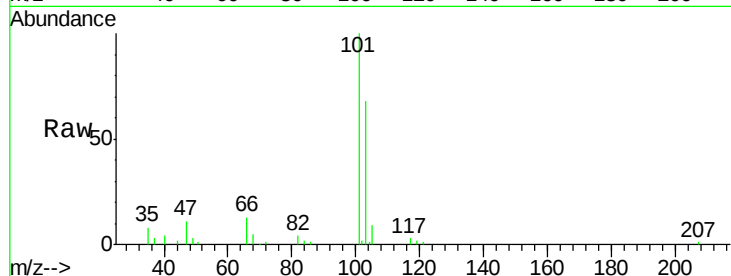


#7

Trichlorofluoromethane
 Concen: 21.365 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Instrument :
 MSVOA_D
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 VD0727SBS01

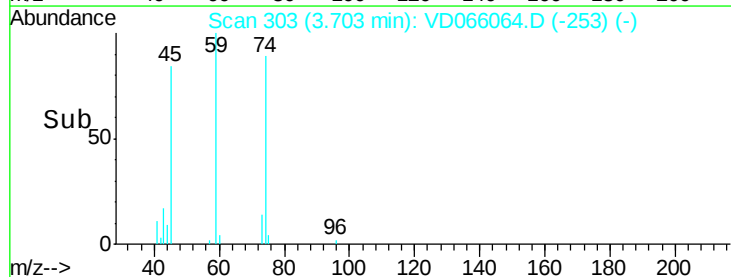
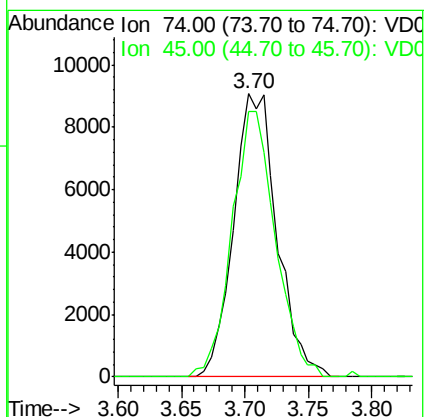
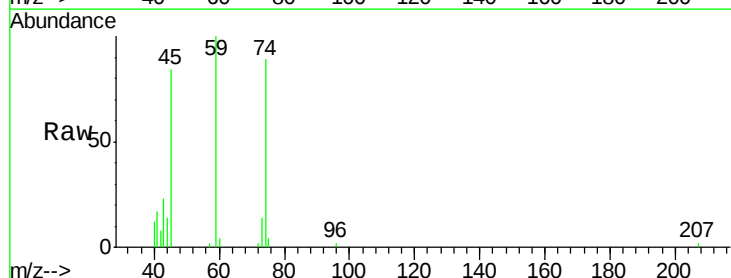
Tgt Ion:101 Resp: 87692
 Ion Ratio Lower Upper
 101 100
 103 68.4 52.1 78.1

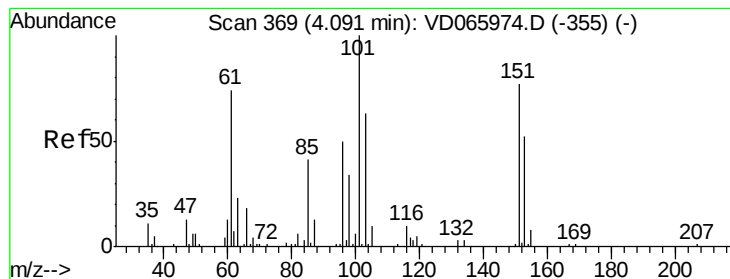


#8

Diethyl Ether
 Concen: 19.082 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 74 Resp: 21649
 Ion Ratio Lower Upper
 74 100
 45 93.3 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.900 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

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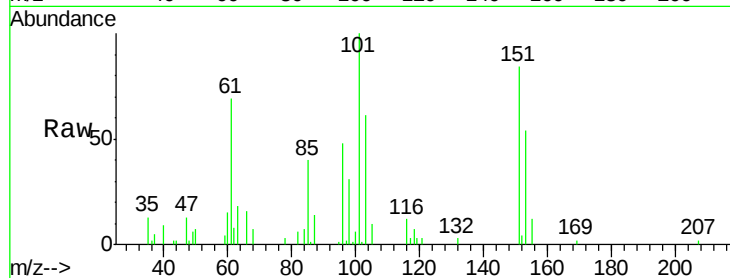
Tgt Ion:101 Resp: 51795

Ion Ratio Lower Upper

101 100

85 42.9 33.6 50.4

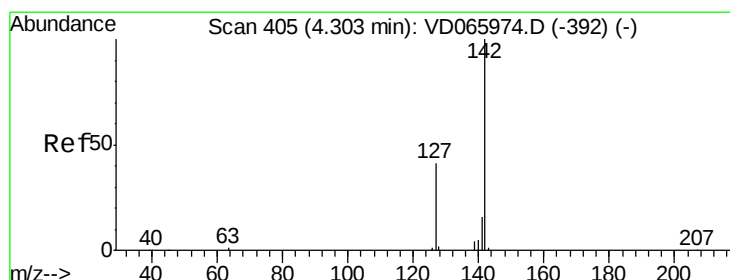
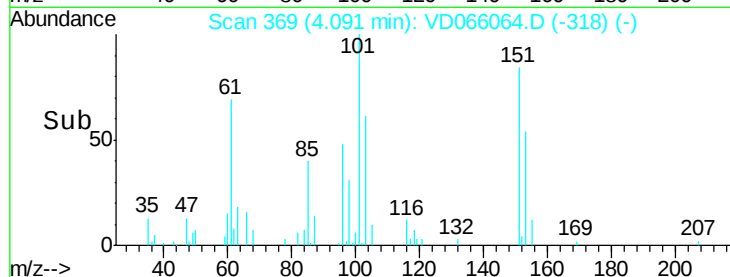
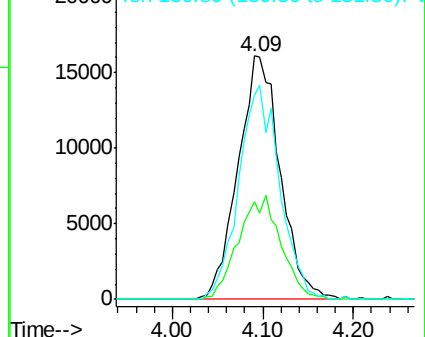
151 85.5 66.6 99.8



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: 25.982 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

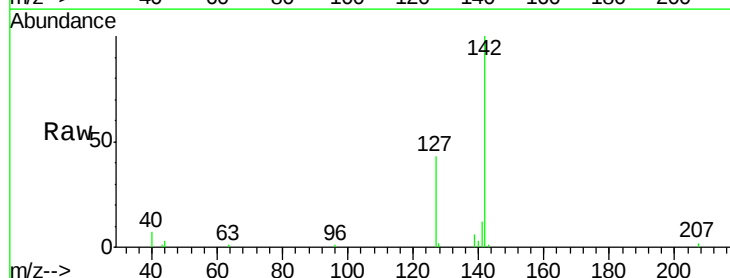
Tgt Ion:142 Resp: 52181

Ion Ratio Lower Upper

142 100

127 44.7 32.9 49.3

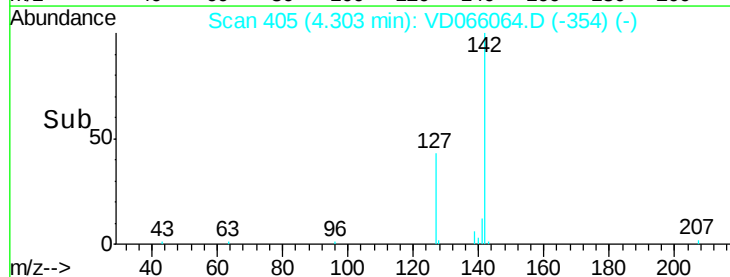
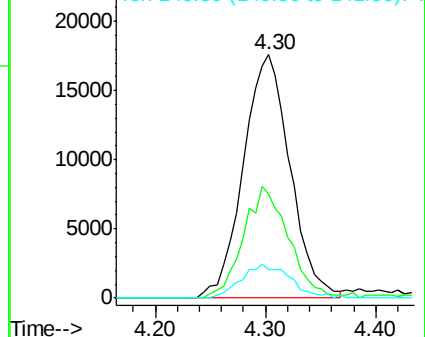
141 14.6 11.8 17.6

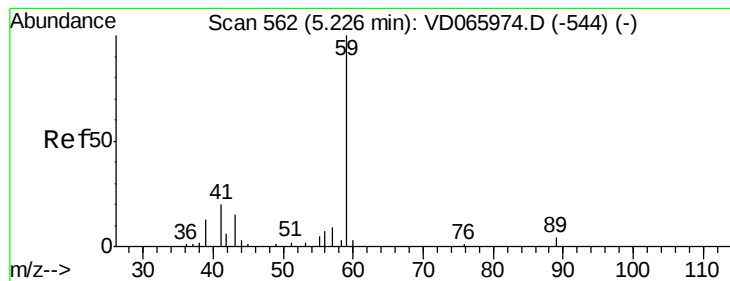


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



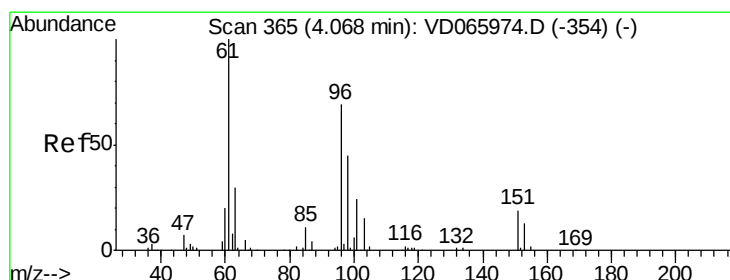
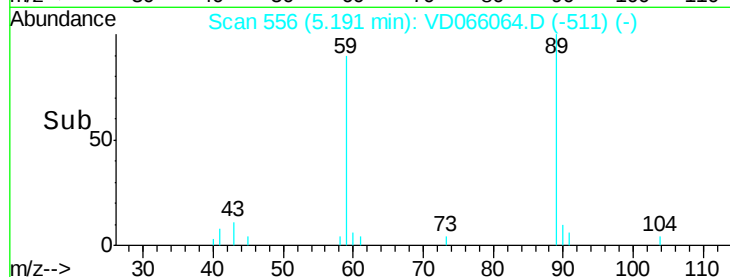
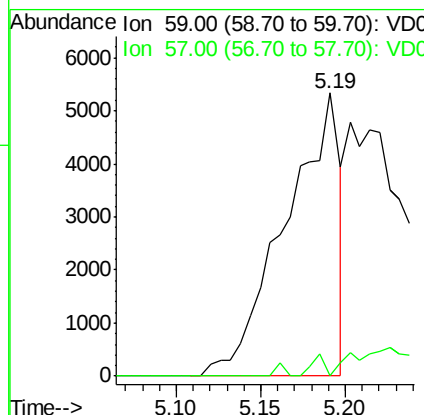
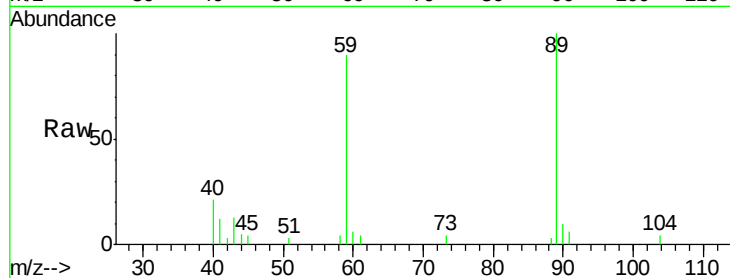


#11

Tert butyl alcohol
 Concen: 60.820 ug/l
 RT: 5.19 min Scan# 556
 Delta R.T. -0.04 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

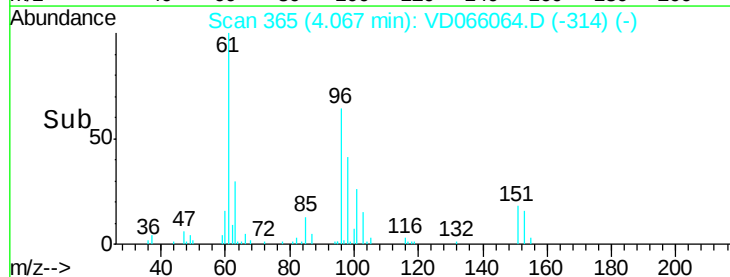
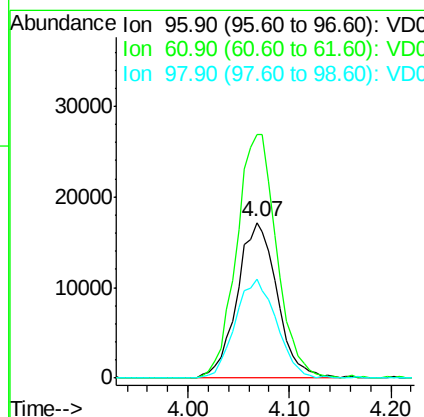
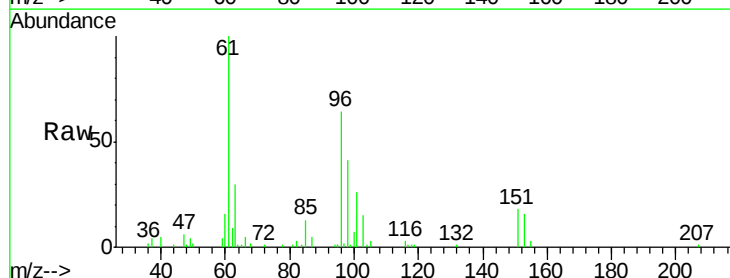
Tgt Ion: 59 Resp: 11915
 Ion Ratio Lower Upper
 59 100
 57 0.0 4.5 6.7#

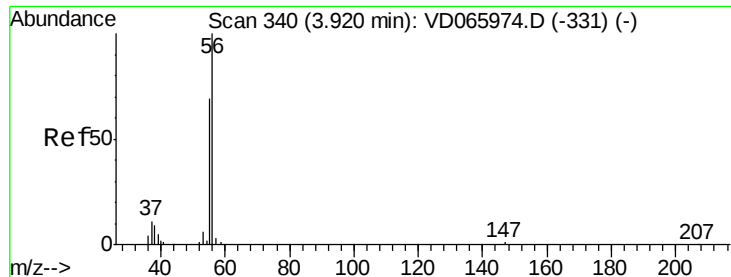


#12

1,1-Dichloroethene
 Concen: 19.789 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 96 Resp: 46814
 Ion Ratio Lower Upper
 96 100
 61 156.8 115.4 173.0
 98 63.7 51.5 77.3





#13

Acrolein

Concen: 77.304 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

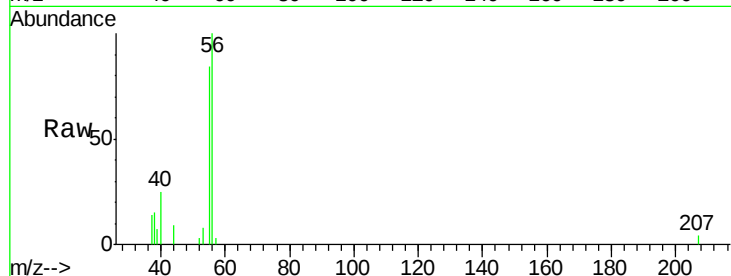
VD0727SBS01

Tgt Ion: 56 Resp: 15163

Ion Ratio Lower Upper

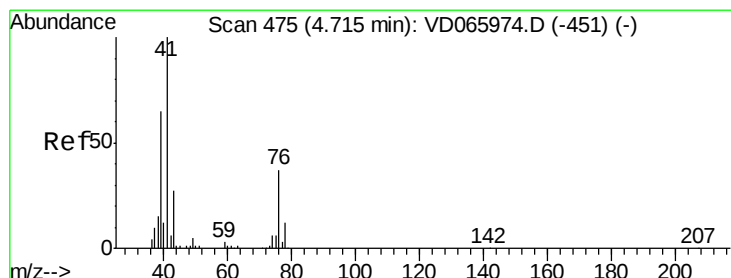
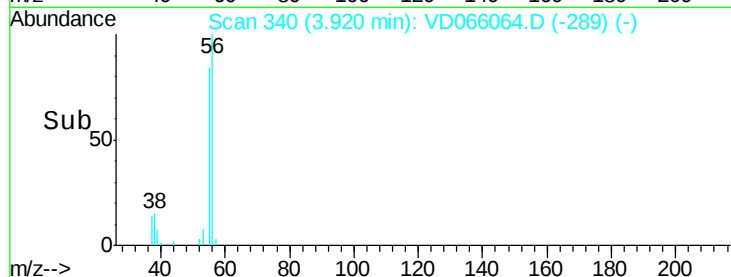
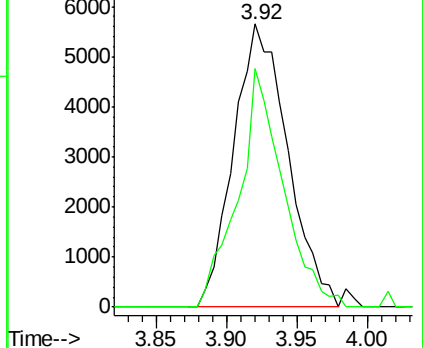
56 100

55 69.9 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 18.442 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

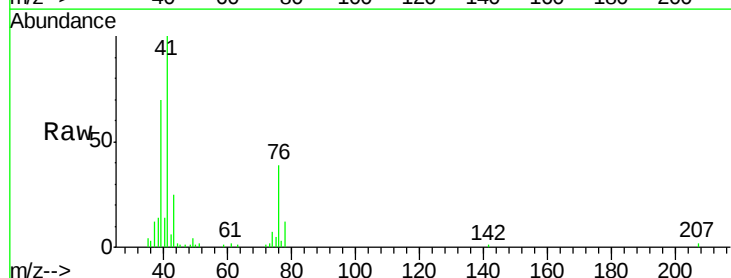
Tgt Ion: 41 Resp: 68197

Ion Ratio Lower Upper

41 100

39 74.3 53.4 80.2

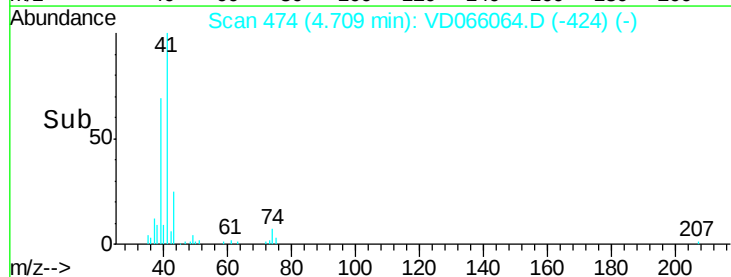
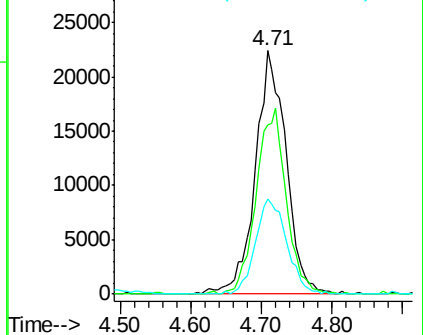
76 39.7 29.1 43.7

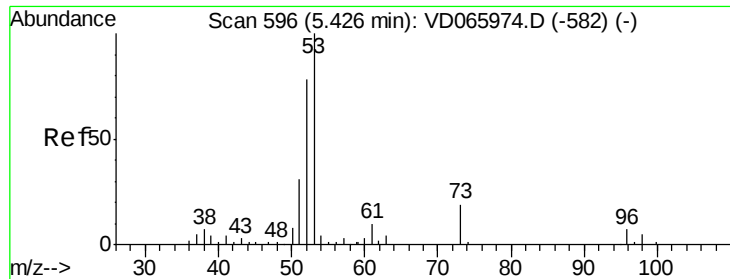


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 91.033 ug/l

RT: 5.43 min Scan# 596

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

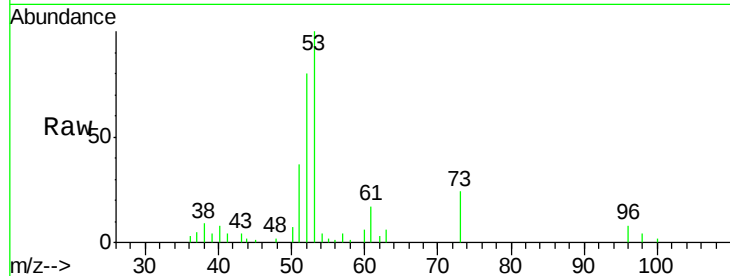
Tgt Ion: 53 Resp: 44122

Ion Ratio Lower Upper

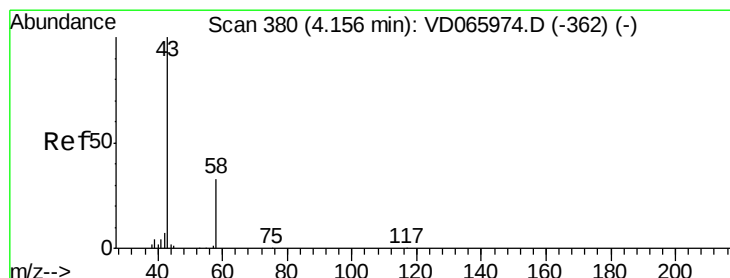
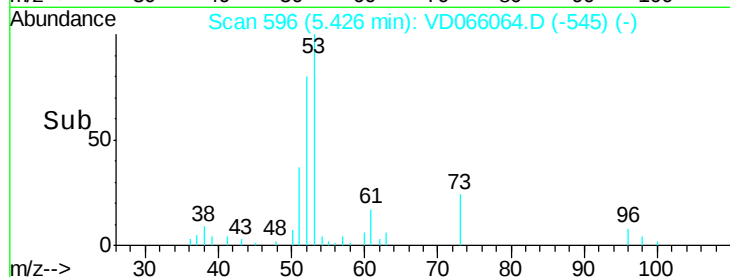
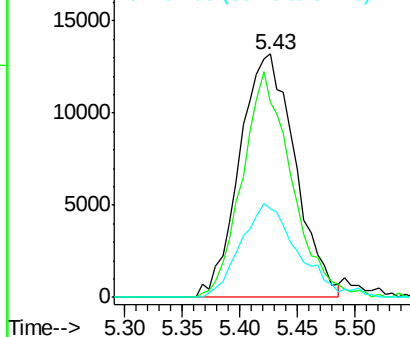
53 100

52 82.9 67.1 100.7

51 40.0 28.7 43.1



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



#16

Acetone

Concen: 92.072 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066064.D

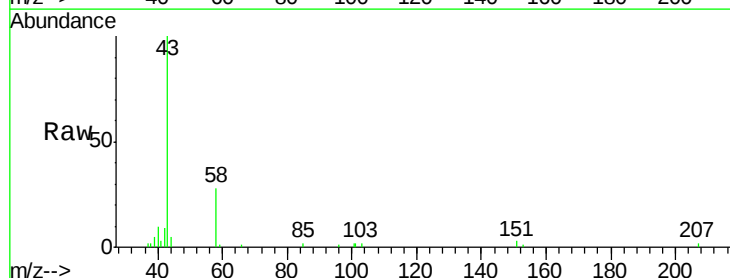
Acq: 27 Jul 2020 13:47

Tgt Ion: 43 Resp: 43388

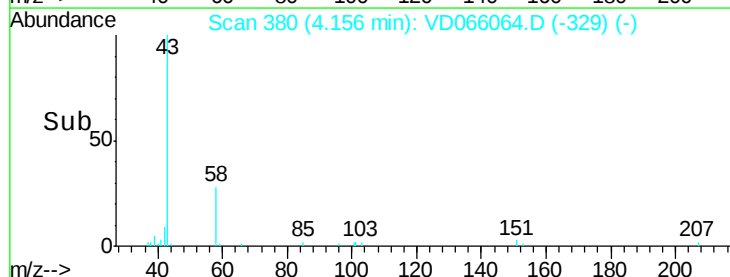
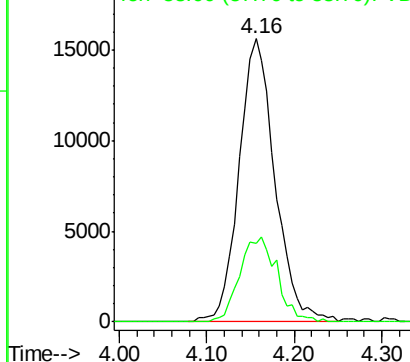
Ion Ratio Lower Upper

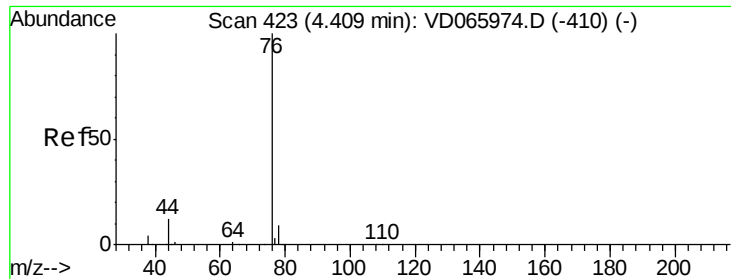
43 100

58 27.9 26.3 39.5



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

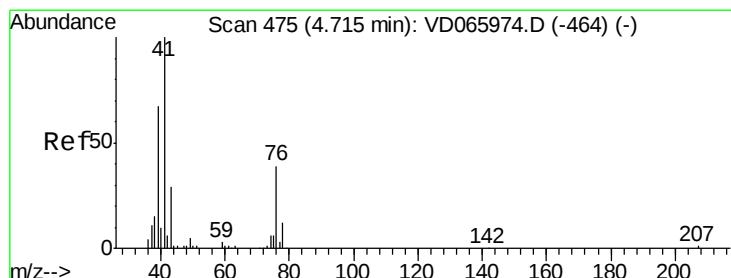
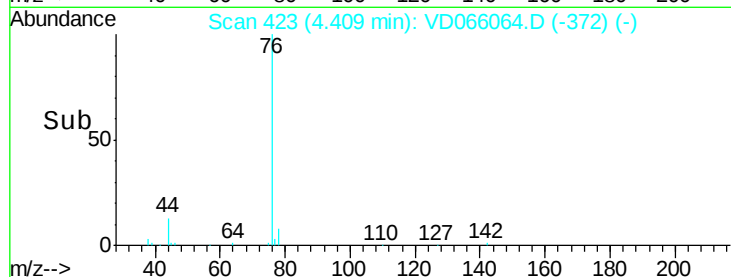
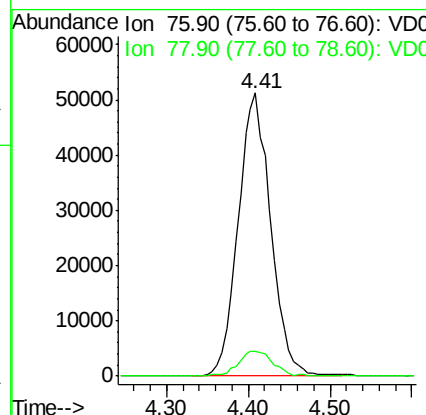
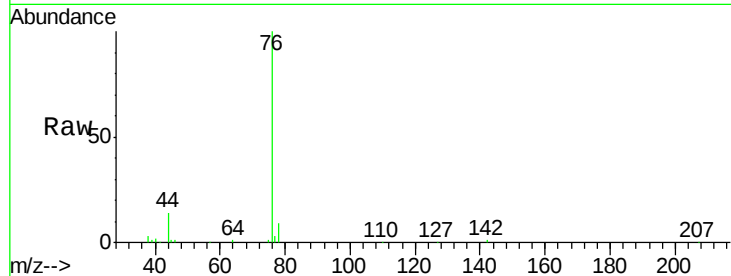




#17
Carbon Disulfide
Concen: 18.467 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

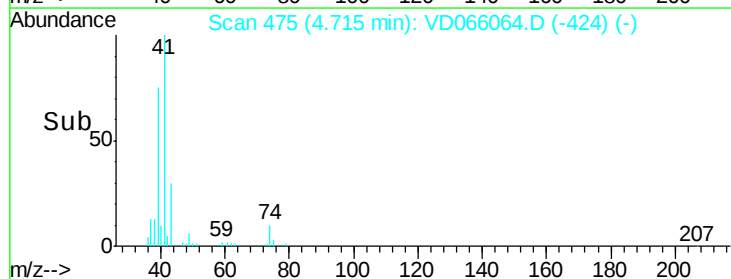
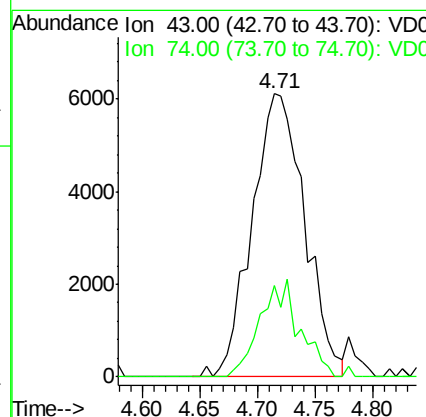
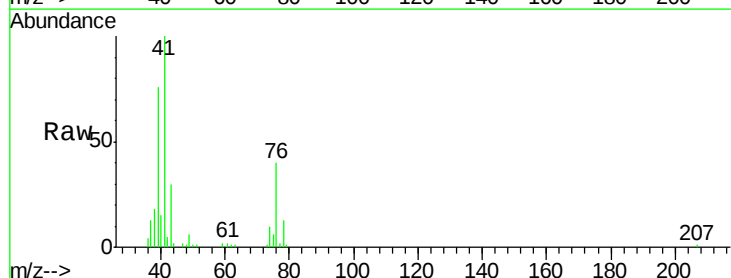
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

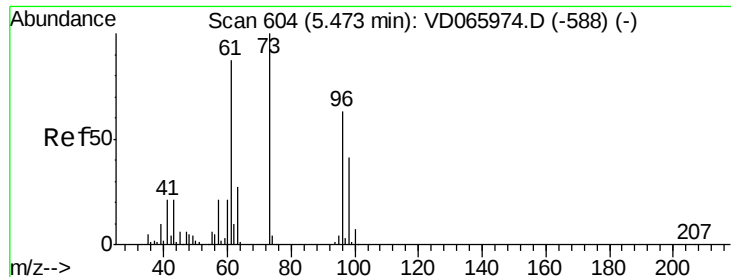
Tgt Ion: 76 Resp: 141708
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 17.752 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 43 Resp: 19461
Ion Ratio Lower Upper
43 100
74 25.6 19.2 28.8

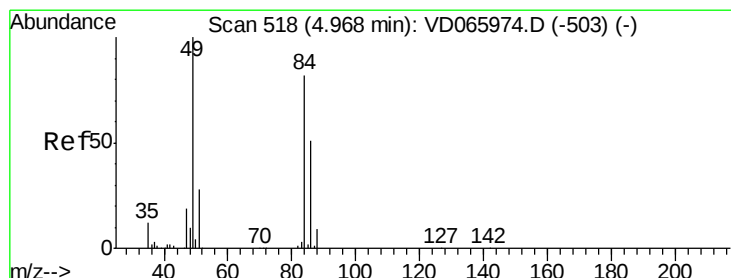
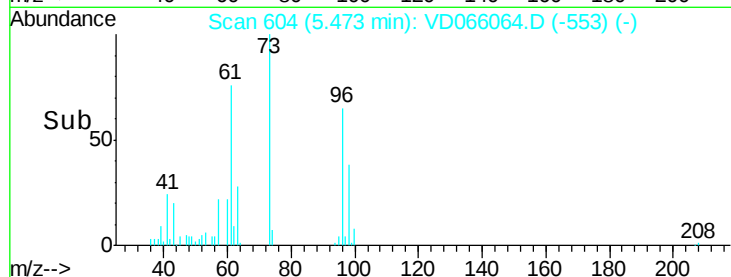
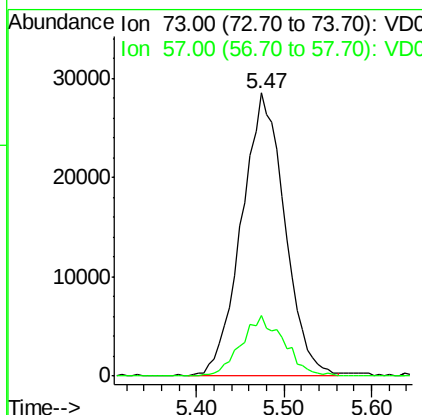
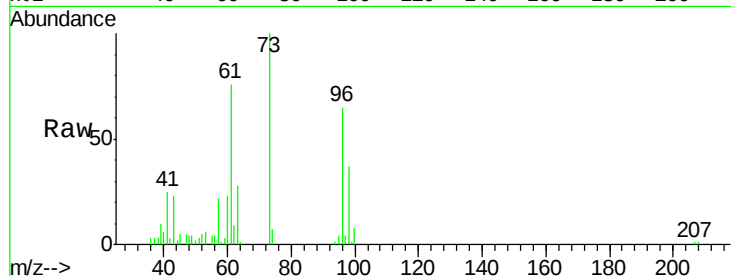




#19
Methyl tert-butyl Ether
Concen: 19.849 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

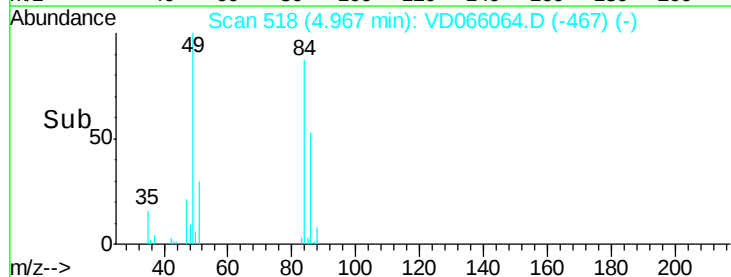
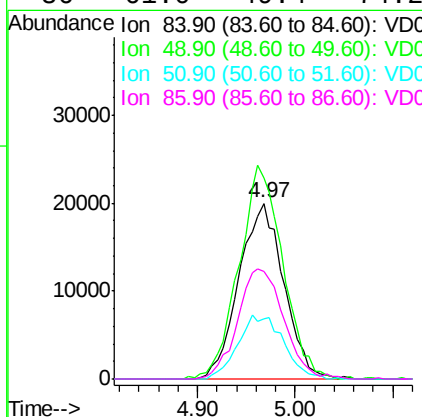
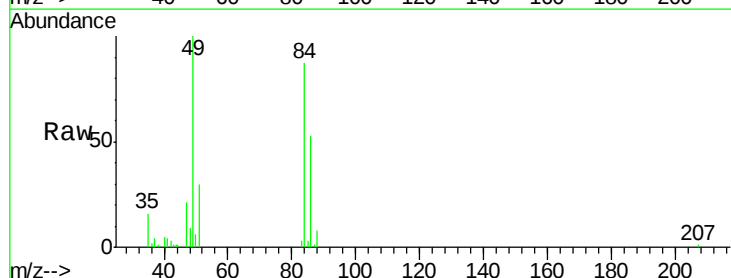
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

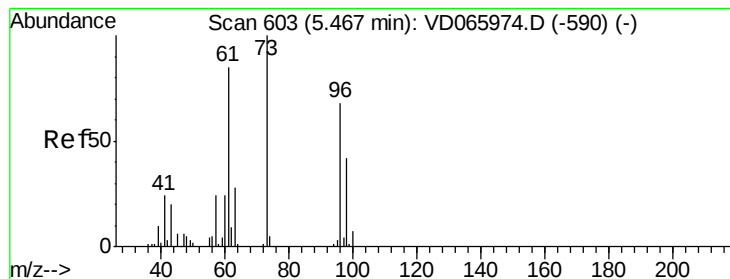
Tgt Ion: 73 Resp: 96477
Ion Ratio Lower Upper
73 100
57 21.5 17.0 25.4



#20
Methylene Chloride
Concen: 23.026 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 84 Resp: 64167
Ion Ratio Lower Upper
84 100
49 114.4 97.7 146.5
51 34.2 27.4 41.2
86 61.0 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 19.852 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

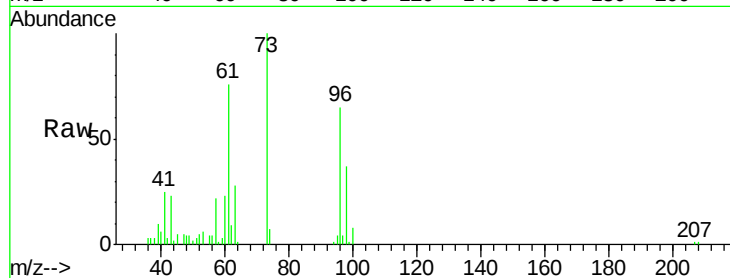
Tgt Ion: 96 Resp: 53076

Ion Ratio Lower Upper

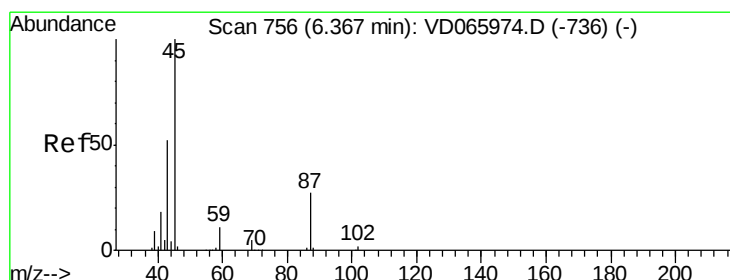
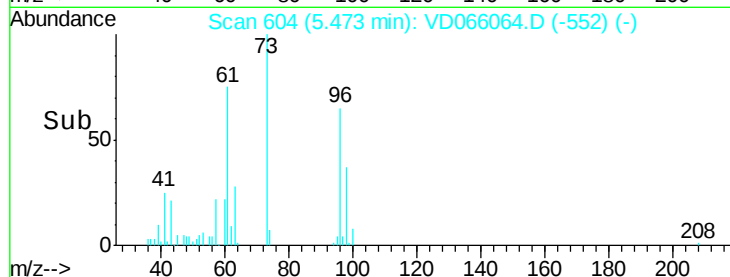
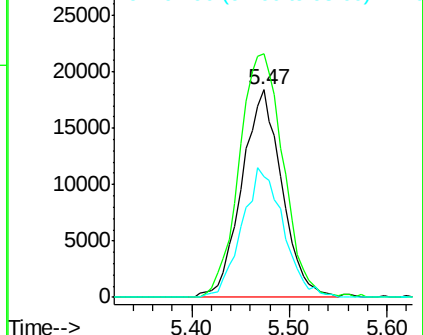
96 100

61 117.3 100.5 150.7

98 58.0 49.7 74.5



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: 18.327 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Tgt Ion: 45 Resp: 128756

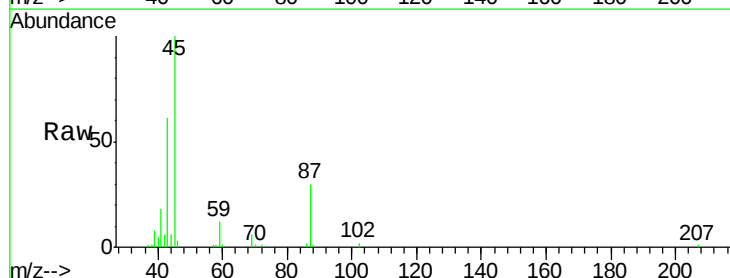
Ion Ratio Lower Upper

45 100

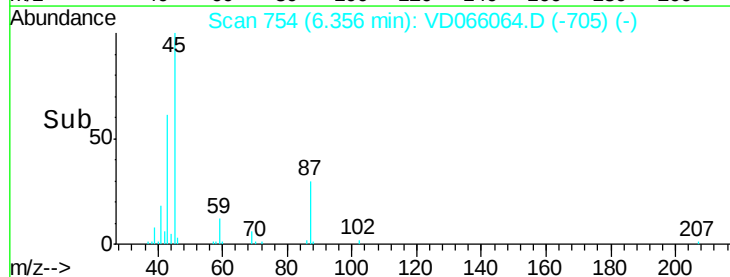
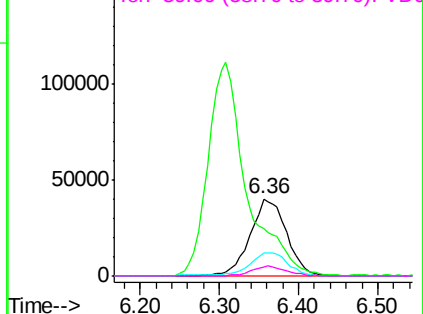
43 59.3 43.0 64.4

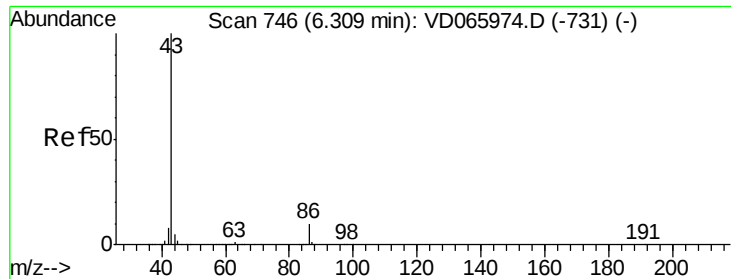
87 30.0 22.0 33.0

59 11.6 9.1 13.7



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: 94.560 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

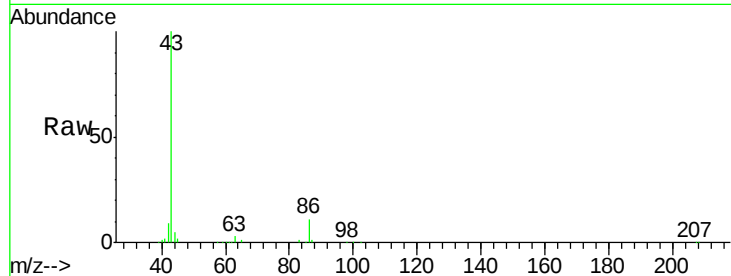
VD0727SBS01

Tgt Ion: 43 Resp: 374658

Ion Ratio Lower Upper

43 100

86 10.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.31

120000

100000

80000

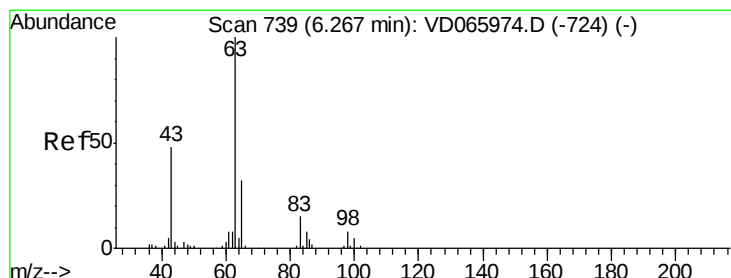
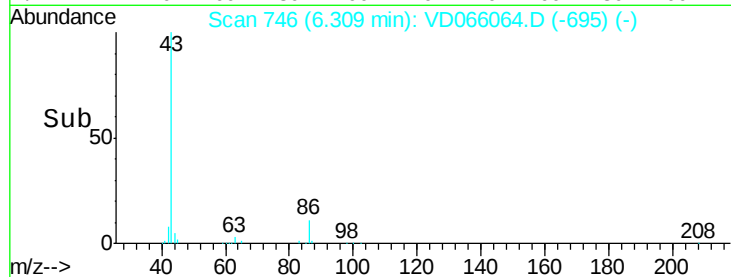
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.970 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

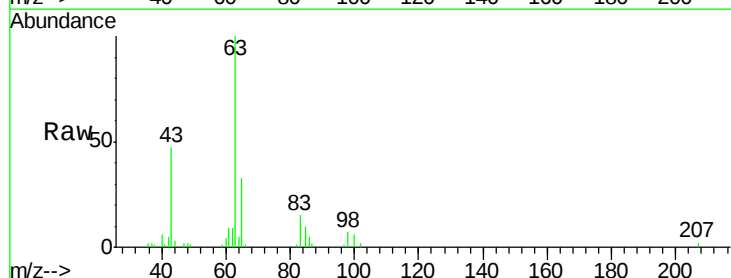
Tgt Ion: 63 Resp: 80750

Ion Ratio Lower Upper

63 100

98 7.1 4.3 12.8

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

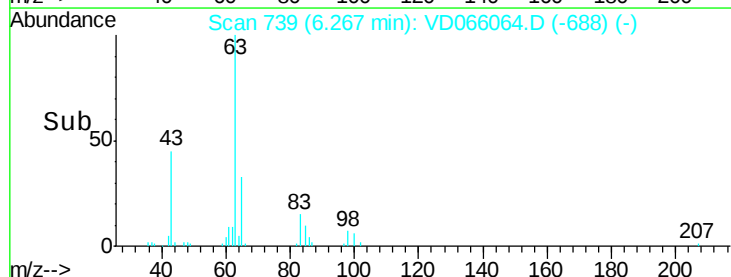
30000

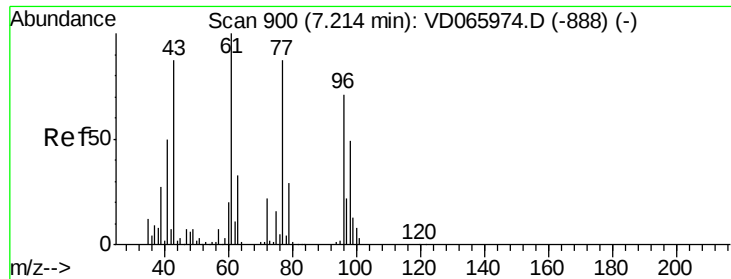
20000

10000

0

Time-->

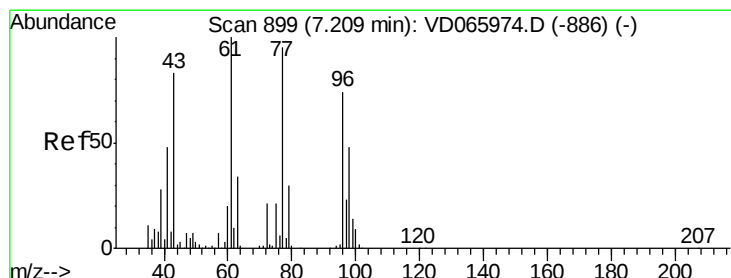
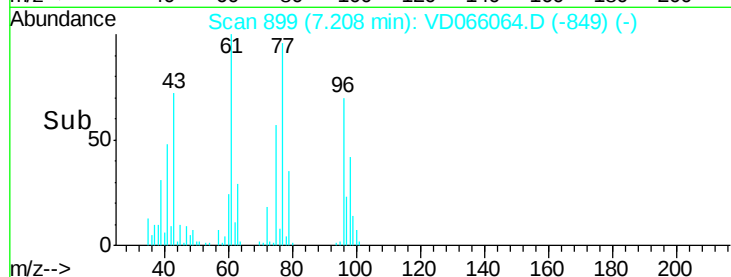
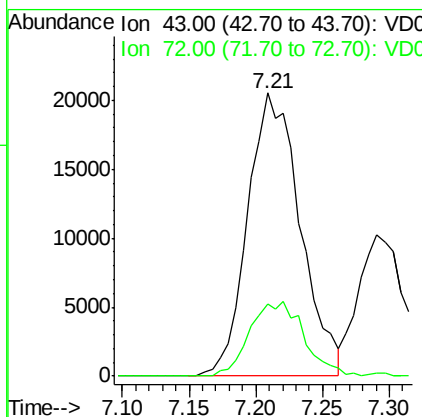
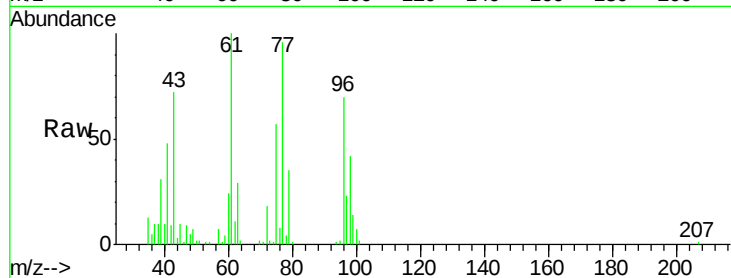




#25
 2-Butanone
 Concen: 89.736 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

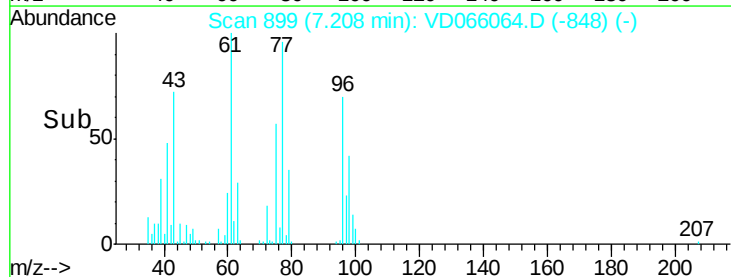
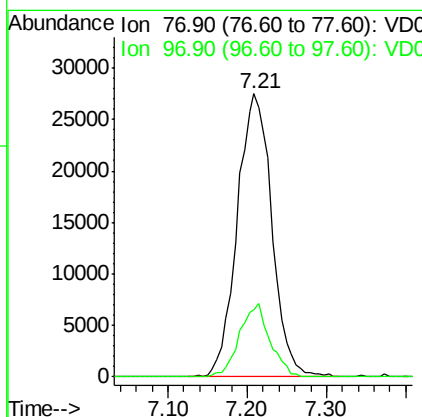
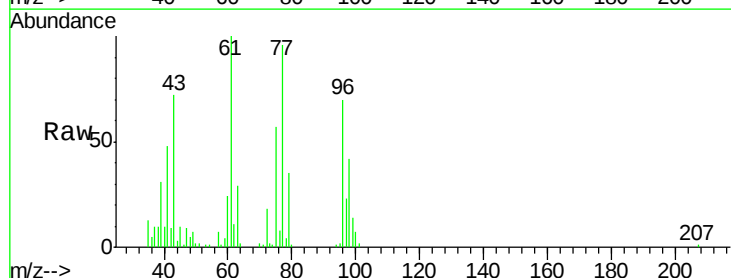
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

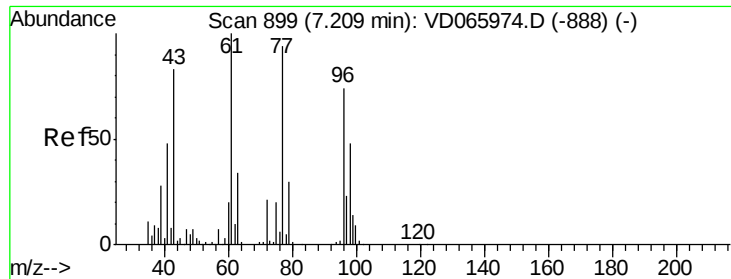
Tgt Ion: 43 Resp: 56112
 Ion Ratio Lower Upper
 43 100
 72 25.5 20.2 30.2



#26
 2,2-Dichloropropane
 Concen: 21.753 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 77 Resp: 83270
 Ion Ratio Lower Upper
 77 100
 97 22.7 11.6 34.7



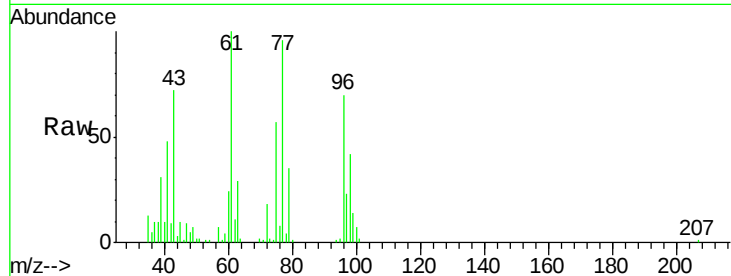


#27

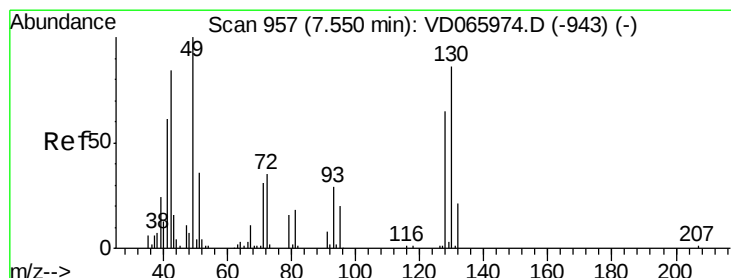
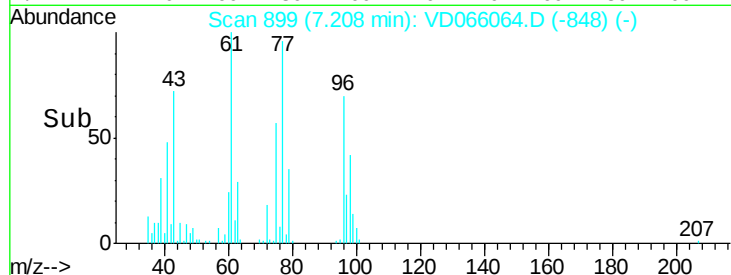
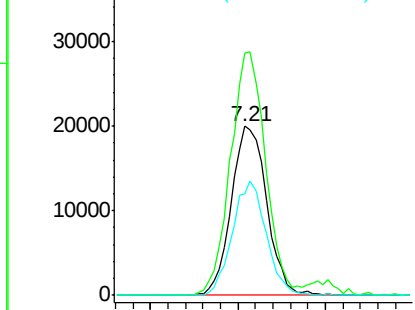
cis-1,2-Dichloroethene
Concen: 19.447 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 96 Resp: 55052
Ion Ratio Lower Upper
96 100
61 142.5 0.0 276.6
98 64.0 0.0 130.8



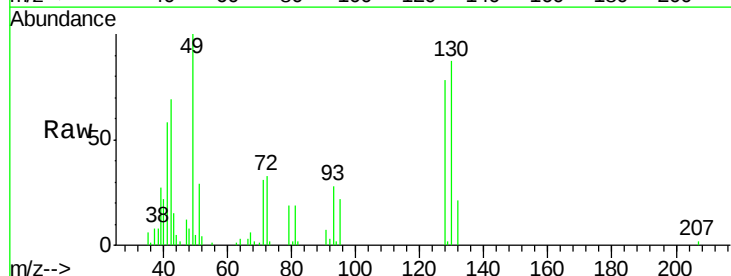
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



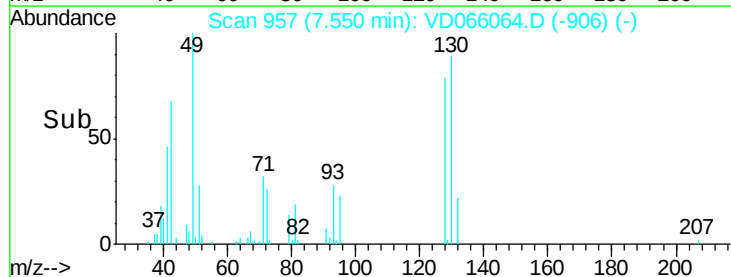
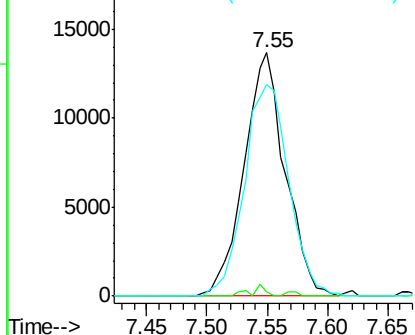
#28

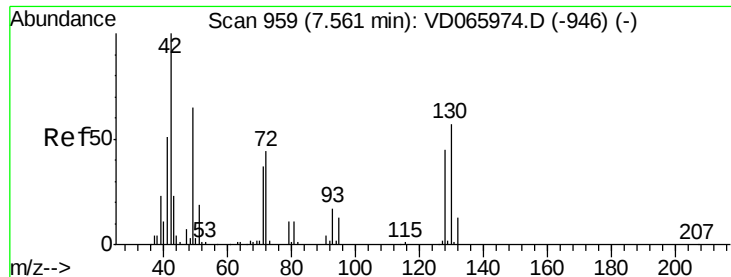
Bromochloromethane
Concen: 17.954 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 49 Resp: 32438
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.8
130 93.8 68.4 102.6



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

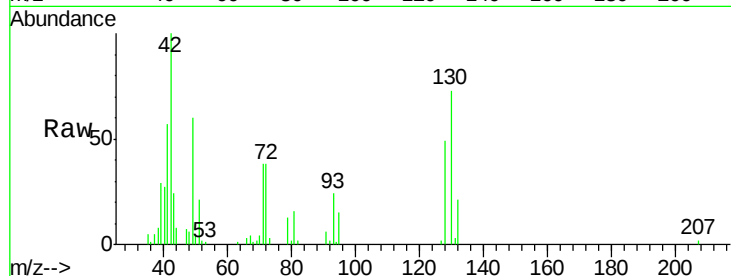




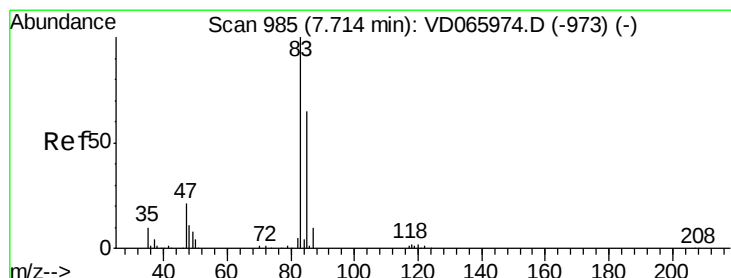
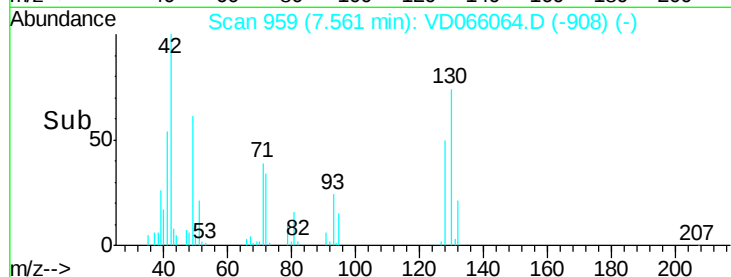
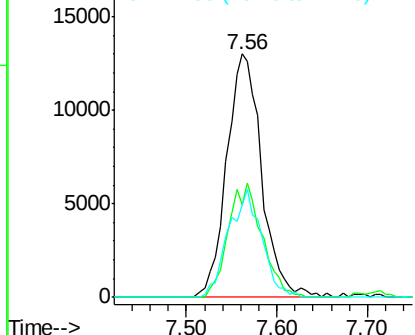
#29
Tetrahydrofuran
Concen: 90.171 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 42 Resp: 34789
Ion Ratio Lower Upper
42 100
72 45.4 34.2 51.2
71 42.1 31.4 47.2

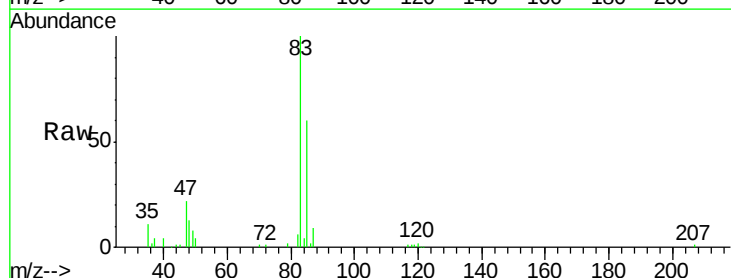


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

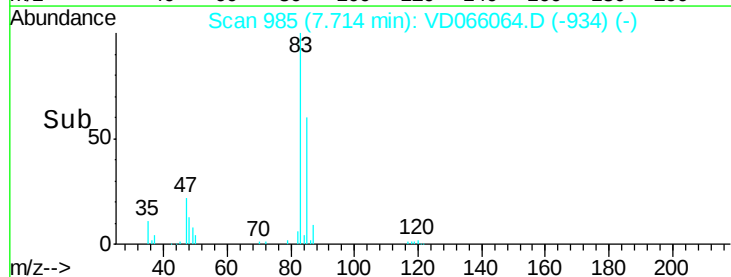
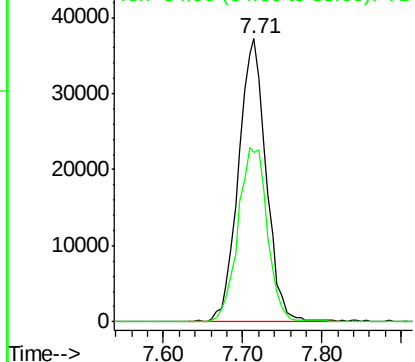


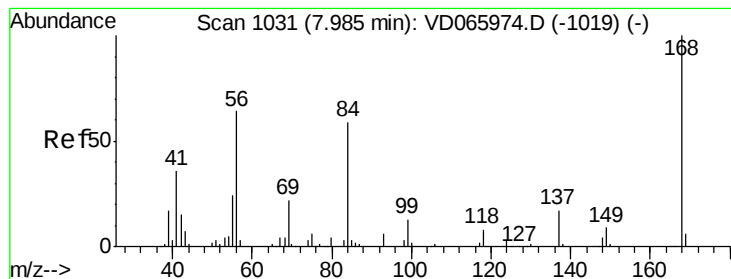
#30
Chloroform
Concen: 20.188 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 83 Resp: 89891
Ion Ratio Lower Upper
83 100
85 59.8 52.1 78.1



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





#31

Cyclohexane

Concen: 18.917 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

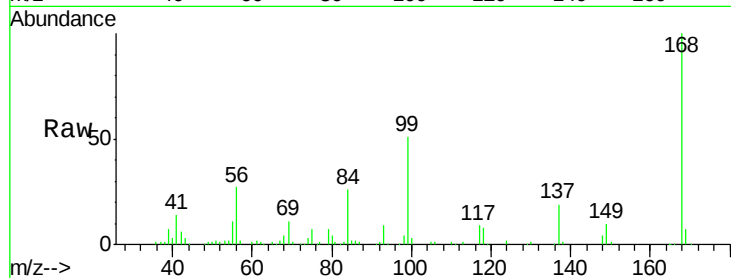
Tgt Ion: 56 Resp: 79222

Ion Ratio Lower Upper

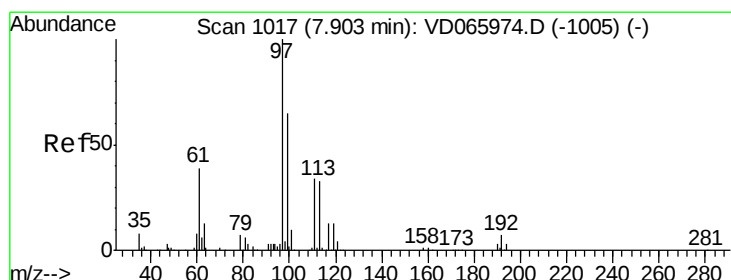
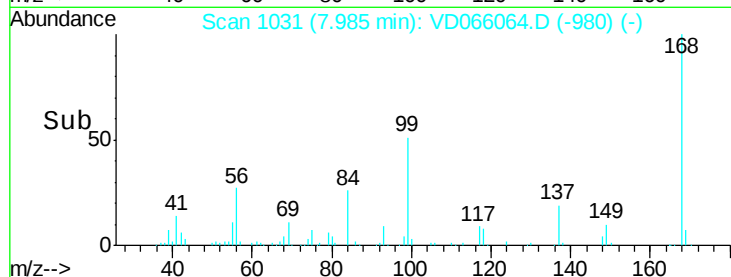
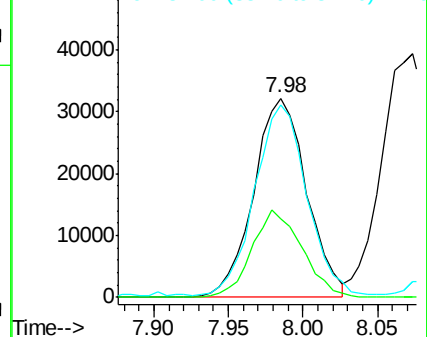
56 100

69 39.4 28.0 42.0

84 95.8 72.6 109.0



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#32

1,1,1-Trichloroethane

Concen: 21.698 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

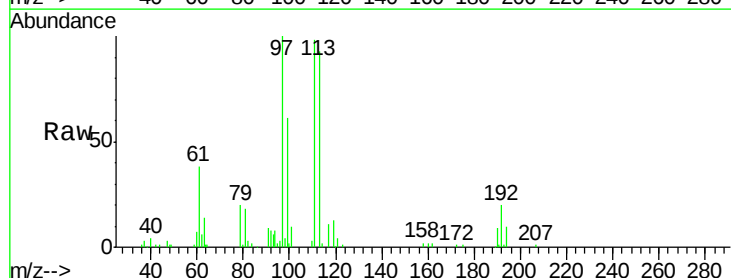
Tgt Ion: 97 Resp: 89370

Ion Ratio Lower Upper

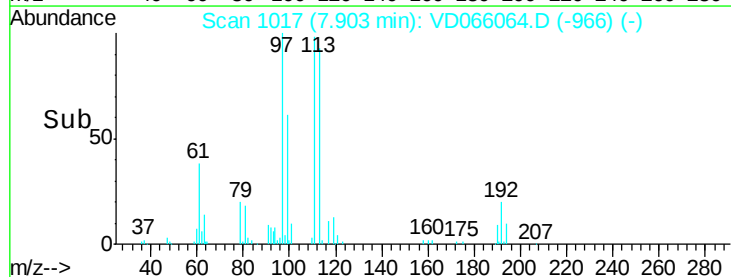
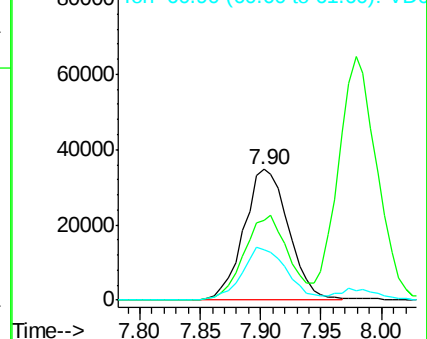
97 100

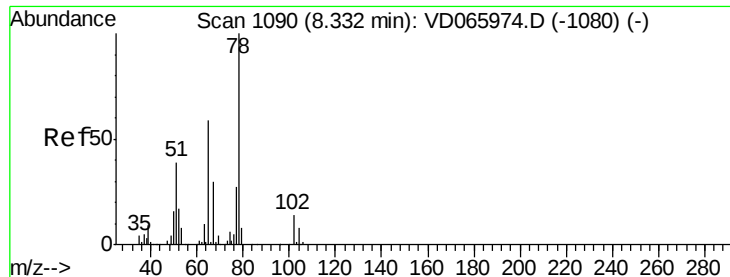
99 63.3 51.8 77.6

61 40.4 33.3 49.9



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 51.566 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

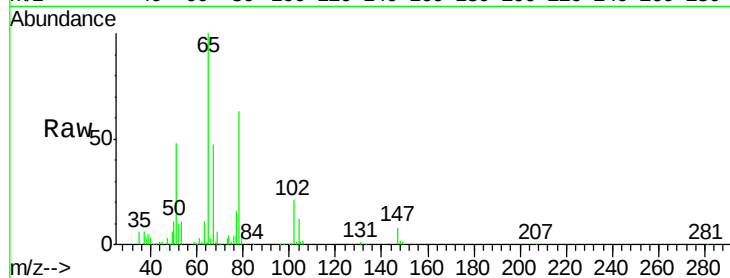
VD0727SBS01

Tgt Ion: 65 Resp: 120052

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

60000

50000

40000

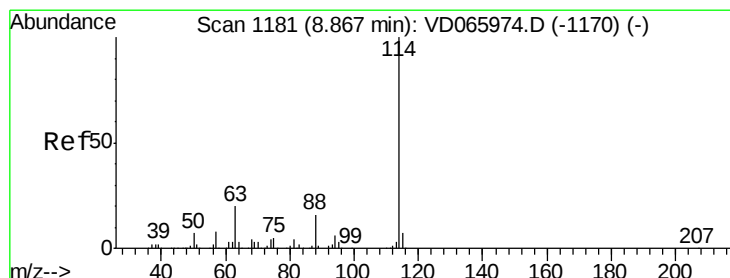
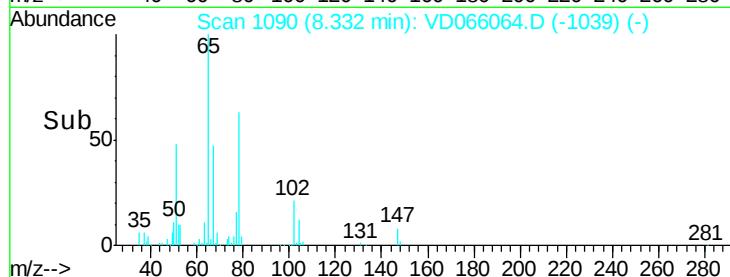
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

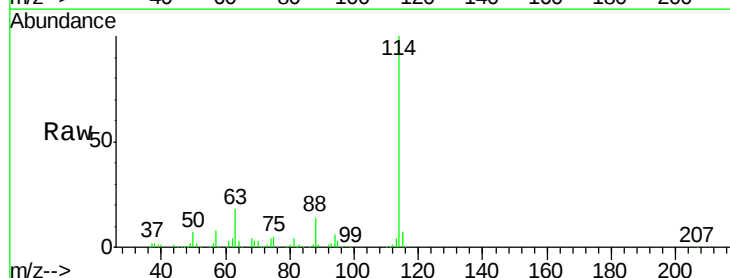
Tgt Ion: 114 Resp: 403070

Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.3 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

250000

200000

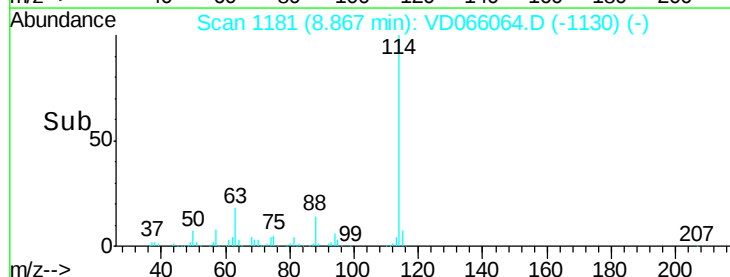
150000

100000

50000

0

Time-->

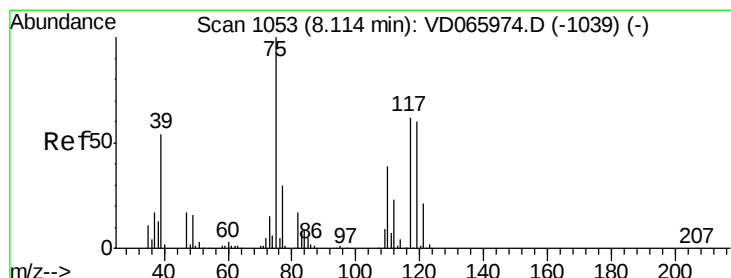
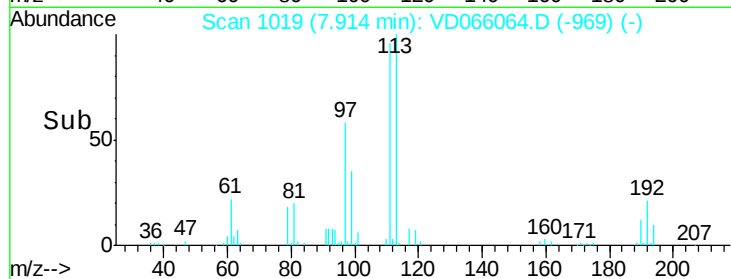
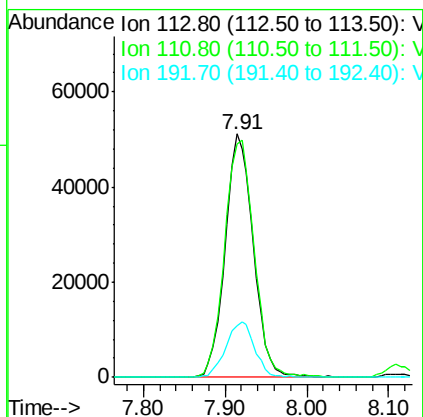
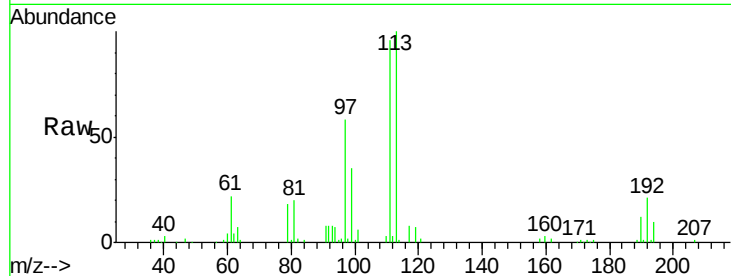




#35
 Dibromofluoromethane
 Concen: 49.902 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

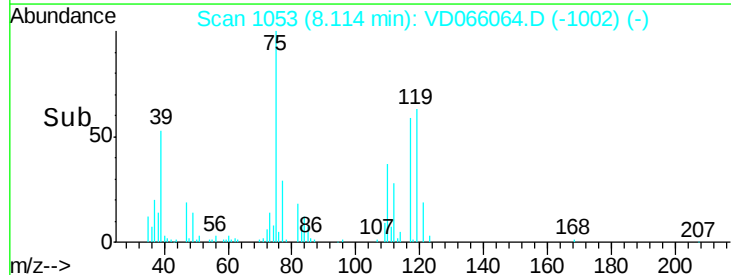
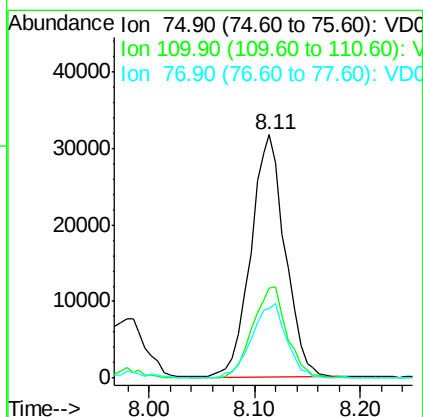
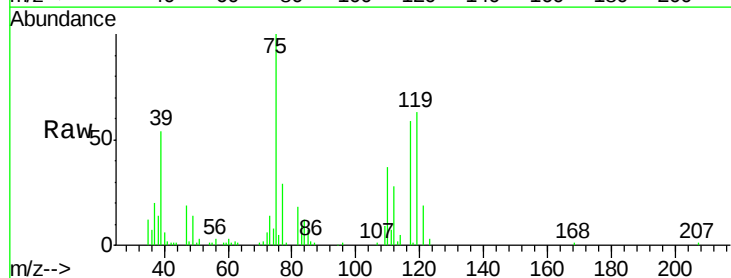
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

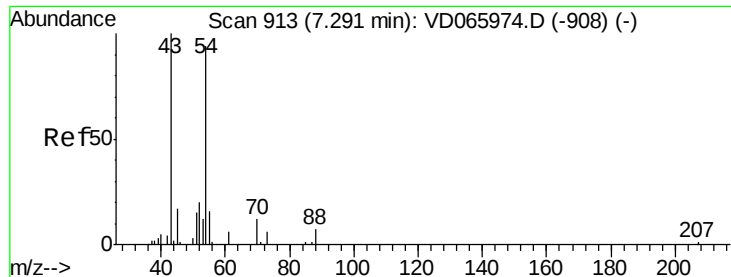
Tgt Ion: 113 Resp: 121998
 Ion Ratio Lower Upper
 113 100
 111 102.8 83.2 124.8
 192 23.4 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 20.755 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 75 Resp: 71397
 Ion Ratio Lower Upper
 75 100
 110 37.6 19.5 58.5
 77 31.1 24.7 37.1

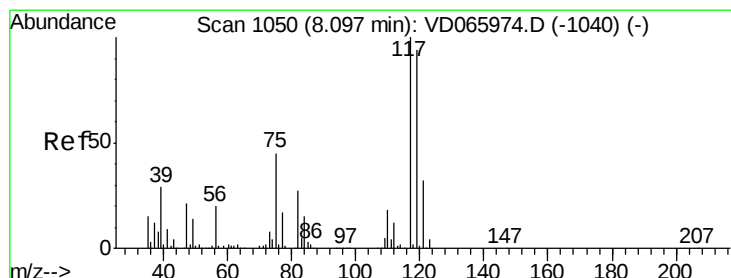
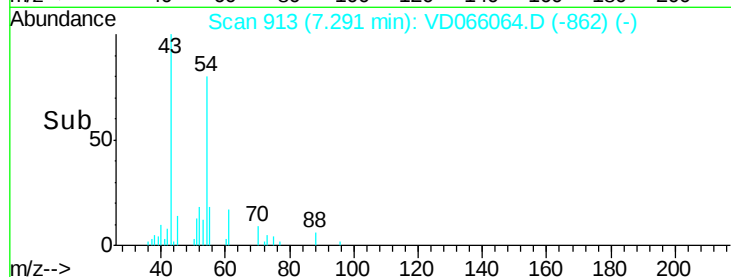
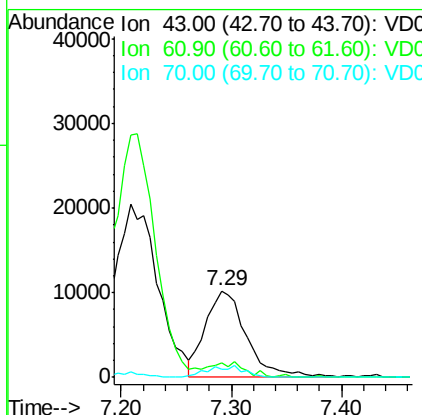
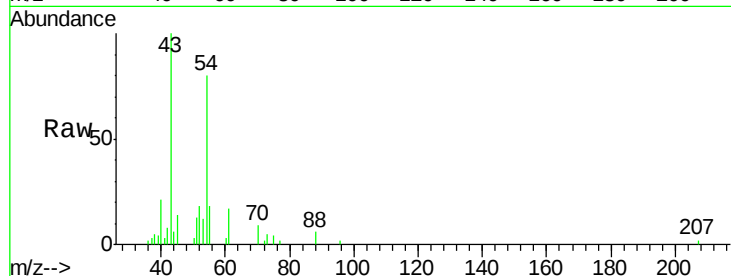




#37
Ethyl Acetate
Concen: 20.037 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

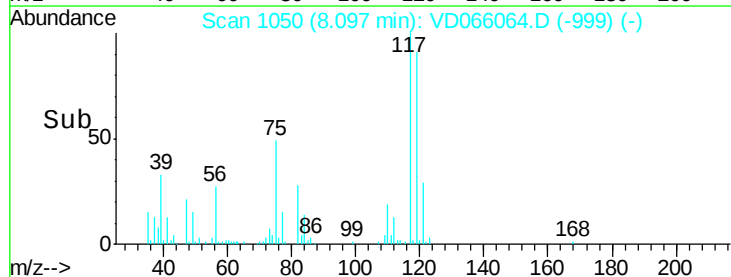
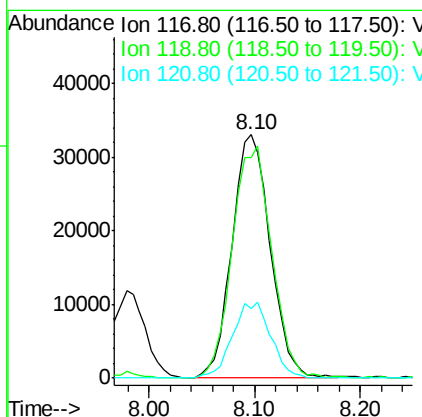
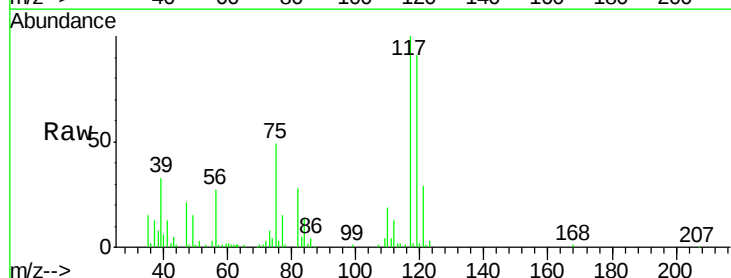
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

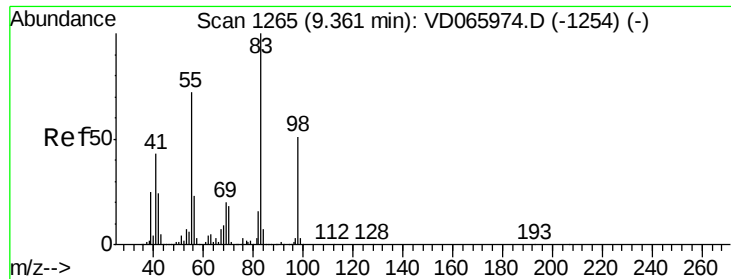
Tgt Ion: 43 Resp: 26324
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 11.6 9.3 13.9



#38
Carbon Tetrachloride
Concen: 22.300 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 117 Resp: 83235
Ion Ratio Lower Upper
117 100
119 90.6 75.0 112.6
121 28.7 25.5 38.3

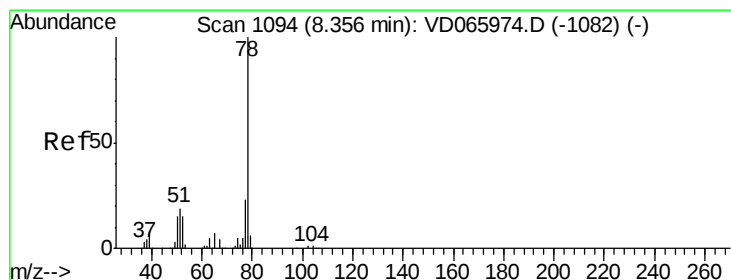
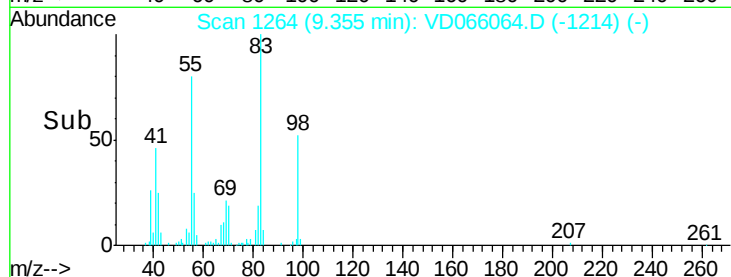
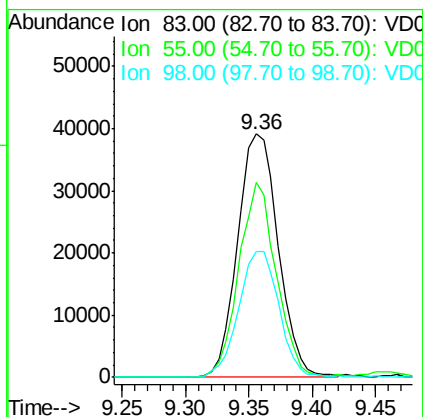
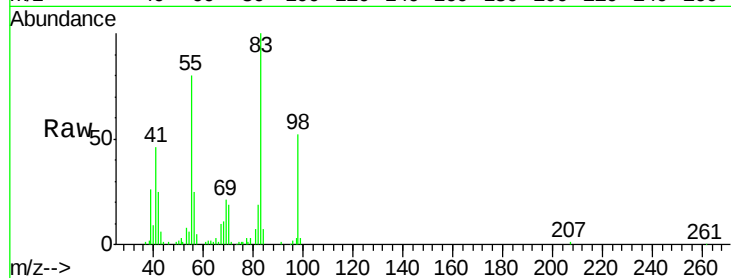




#39
Methylcyclohexane
Concen: 20.936 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

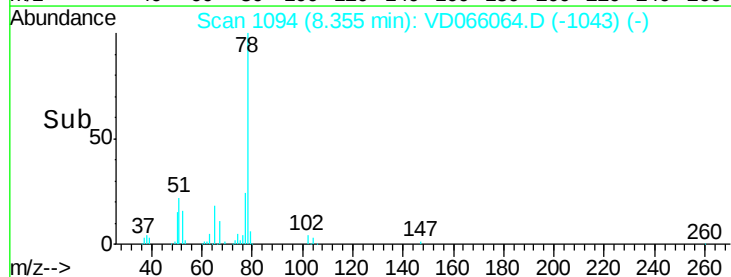
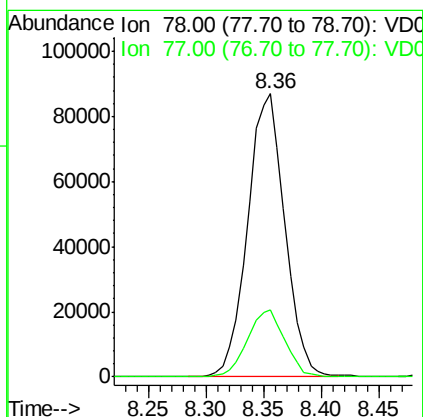
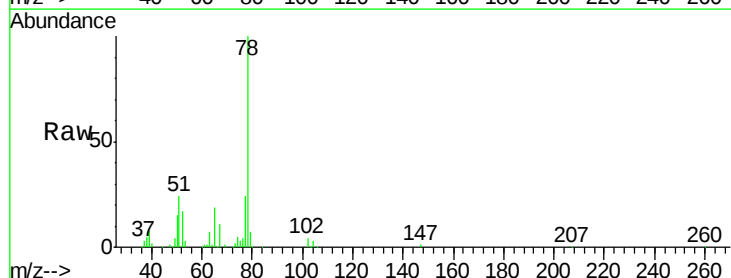
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

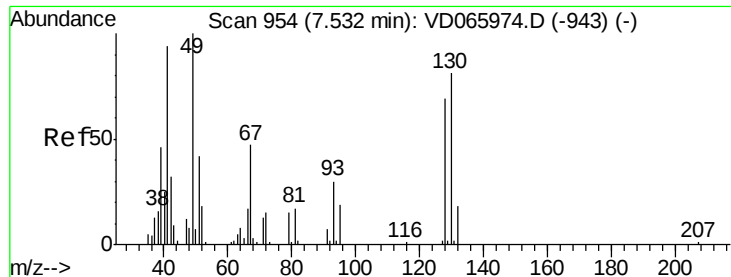
Tgt Ion: 83 Resp: 87215
Ion Ratio Lower Upper
83 100
55 80.2 57.3 85.9
98 51.6 41.0 61.6



#40
Benzene
Concen: 20.278 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 78 Resp: 195157
Ion Ratio Lower Upper
78 100
77 23.6 18.6 27.8





#41

Methacrylonitrile

Concen: 47.467 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.02 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion: 41 Resp: 35723

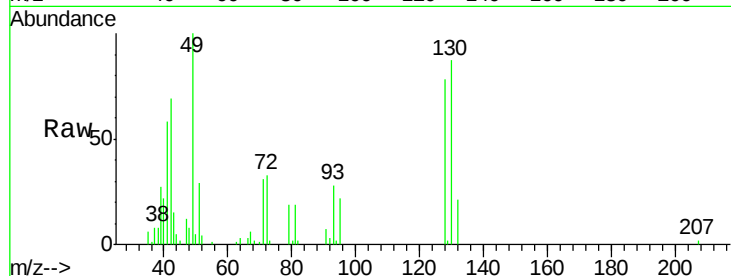
Ion Ratio Lower Upper

41 100

39 25.0 0.0 0.0#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

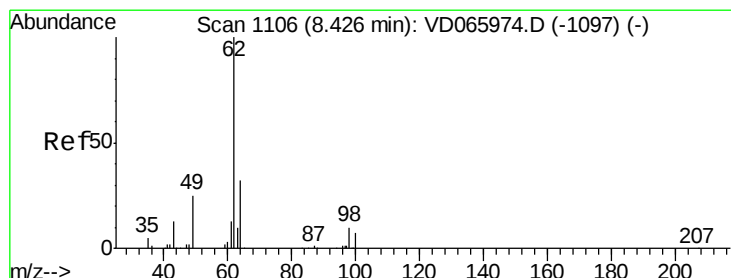
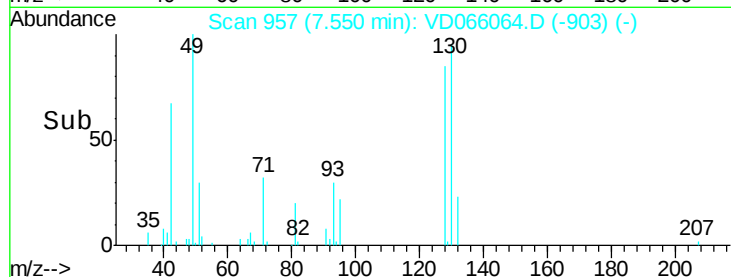
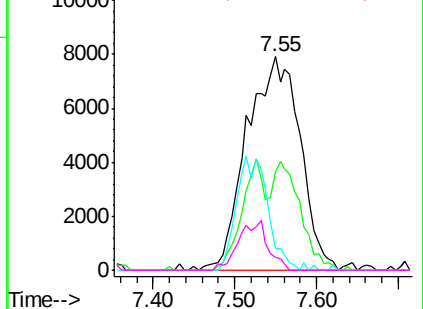


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.329 ug/l

RT: 8.43 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD066064.D

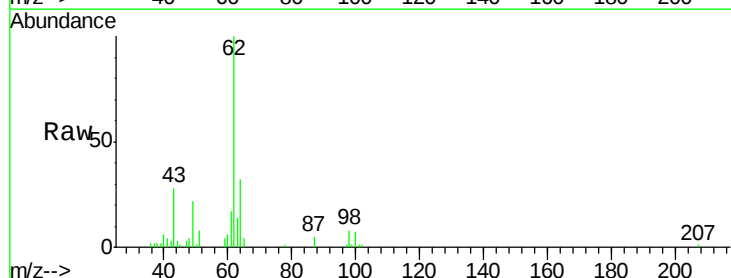
Acq: 27 Jul 2020 13:47

Tgt Ion: 62 Resp: 56248

Ion Ratio Lower Upper

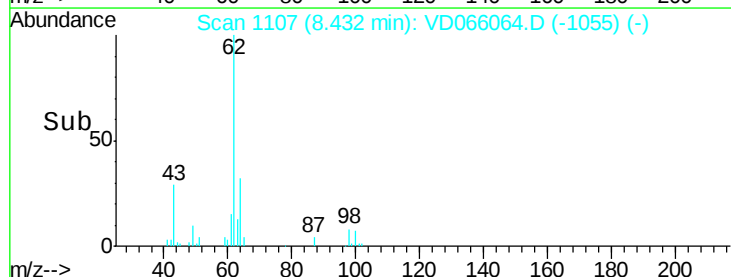
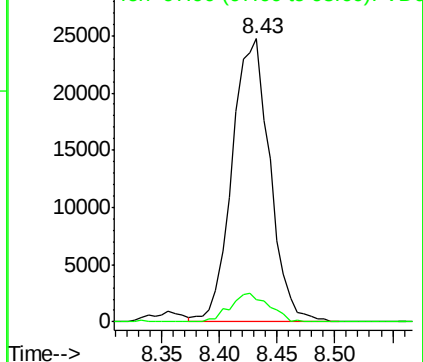
62 100

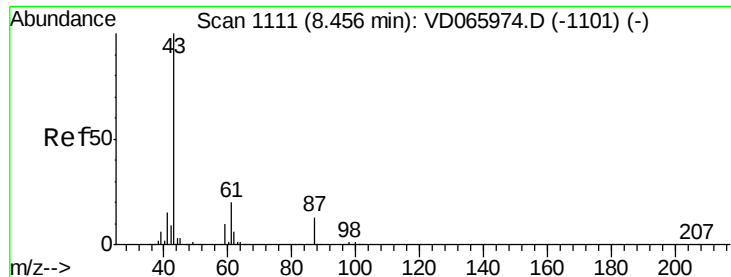
98 10.3 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

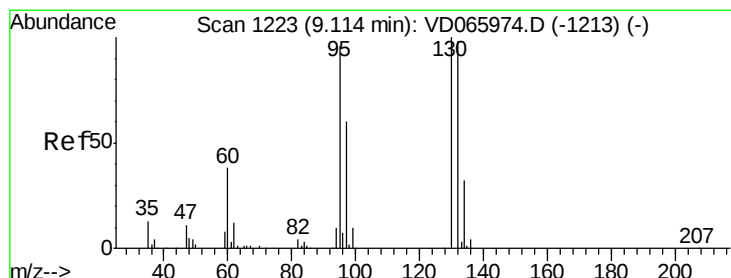
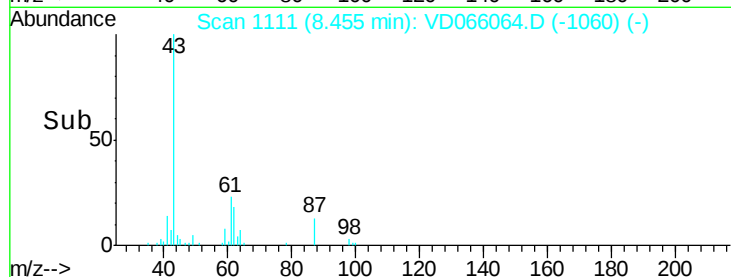
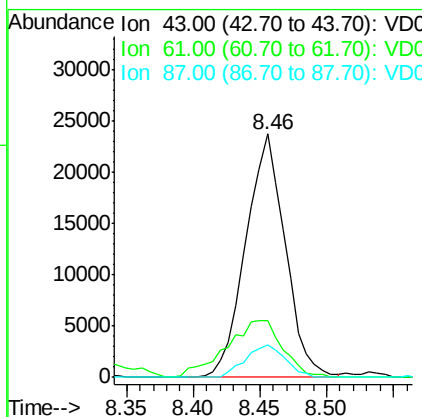
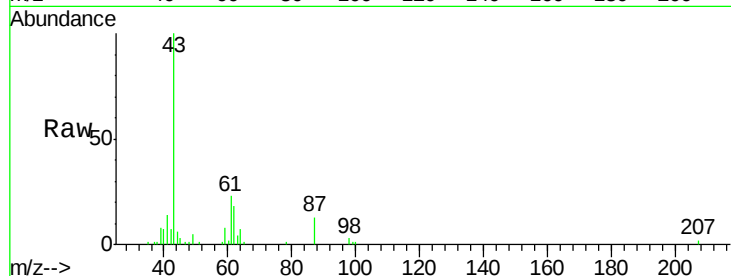




#43
Isopropyl Acetate
Concen: 18.925 ug/l
RT: 8.46 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

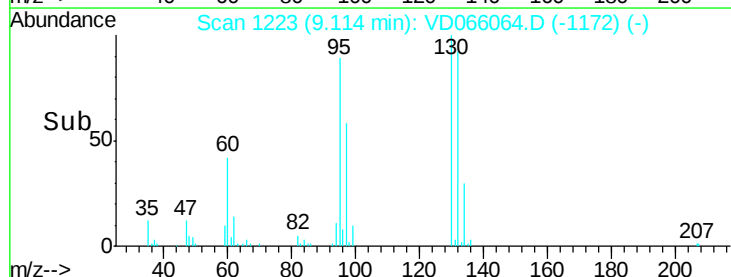
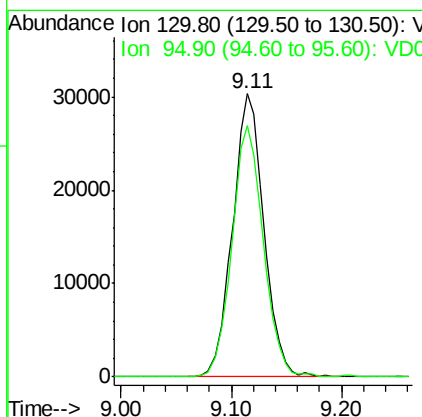
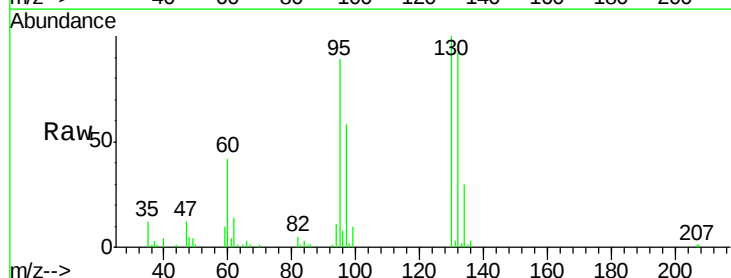
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 43 Resp: 48561
Ion Ratio Lower Upper
43 100
61 33.3 25.8 38.8
87 13.3 10.9 16.3



#44
Trichloroethene
Concen: 20.680 ug/l
RT: 9.11 min Scan# 1223
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 130 Resp: 60227
Ion Ratio Lower Upper
130 100
95 88.8 0.0 191.6

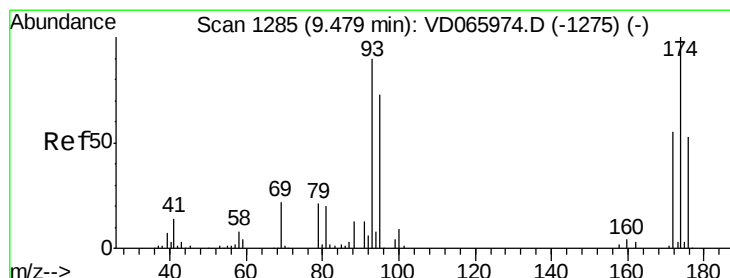
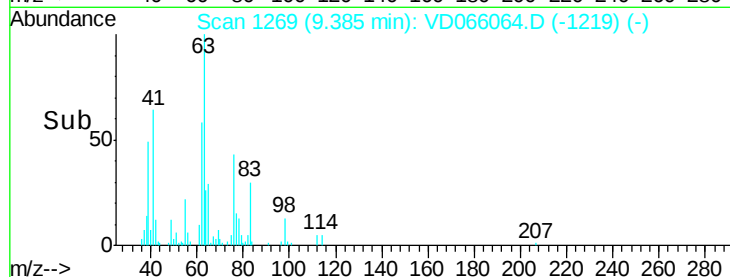
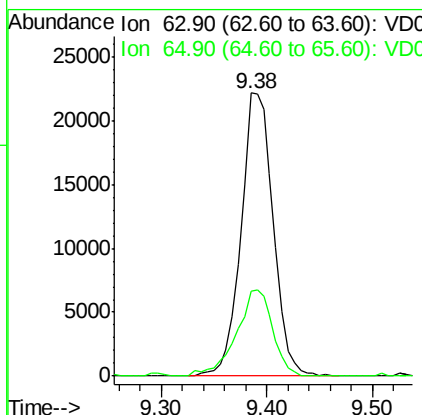
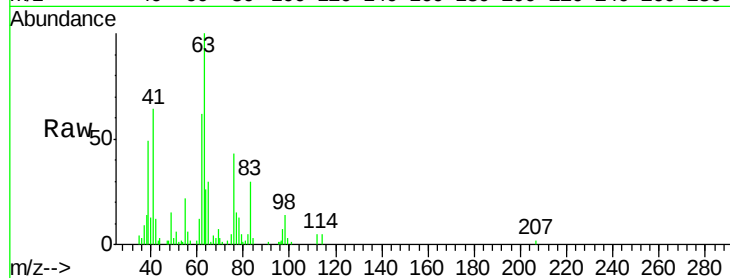




#45
 1,2-Dichloropropane
 Concen: 20.043 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

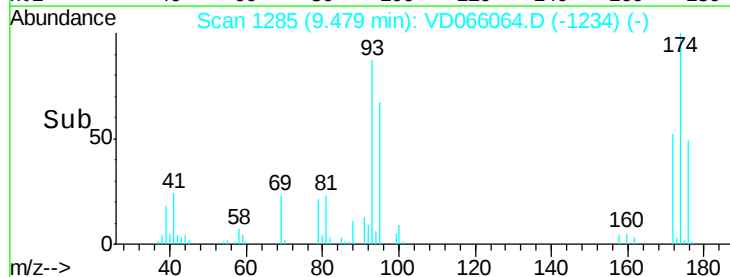
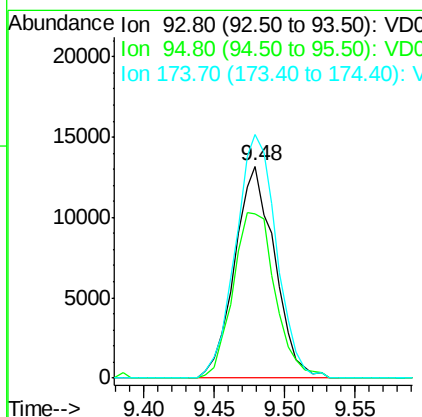
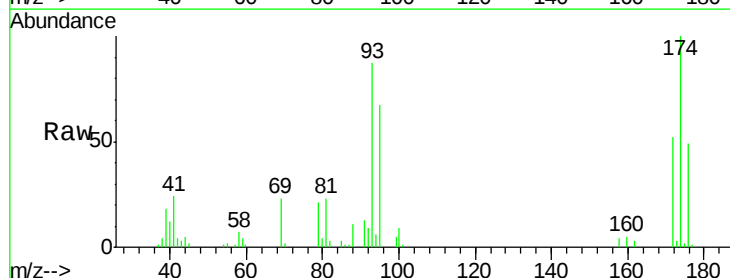
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

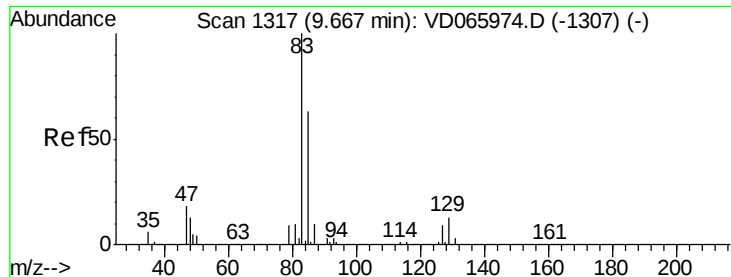
Tgt Ion: 63 Resp: 46717
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.0 36.0



#46
 Dibromomethane
 Concen: 20.796 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 93 Resp: 26094
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.2 99.4
 174 117.5 91.5 137.3





#47

Bromodichloromethane

Concen: 20.691 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

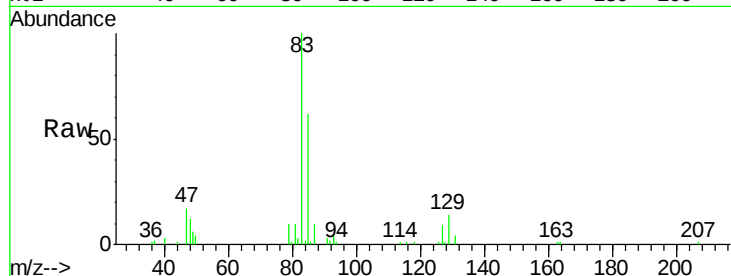
Tgt Ion: 83 Resp: 68646

Ion Ratio Lower Upper

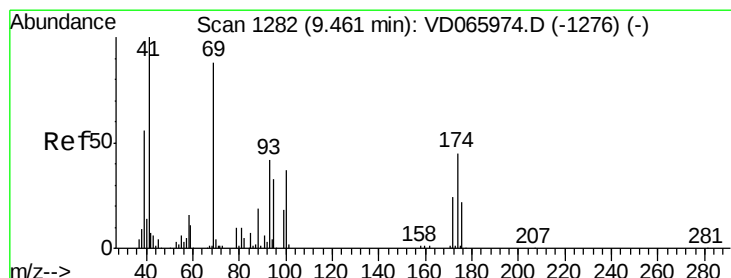
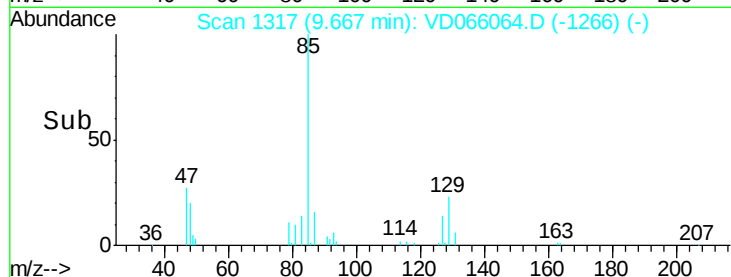
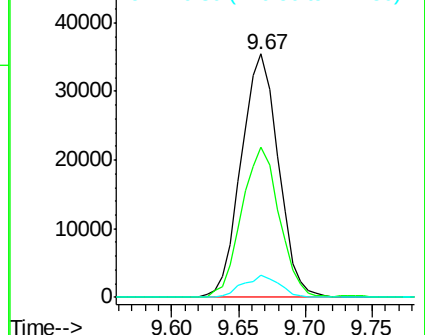
83 100

85 61.5 50.6 75.8

127 8.9 7.1 10.7



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: 17.891 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

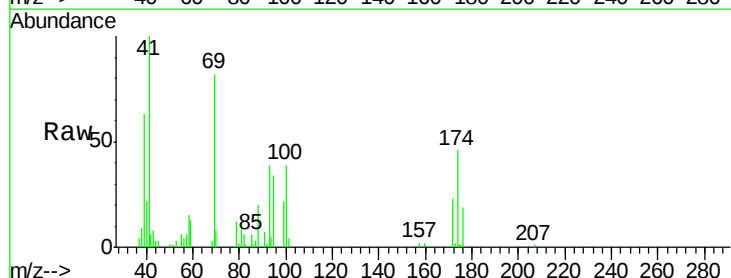
Tgt Ion: 41 Resp: 23156

Ion Ratio Lower Upper

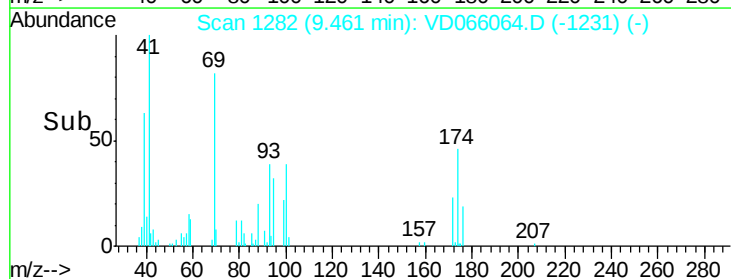
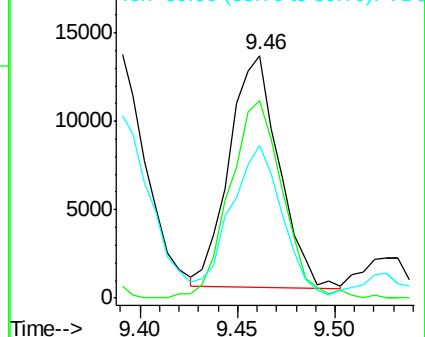
41 100

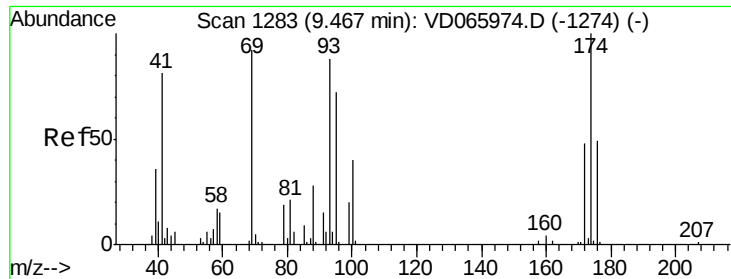
69 90.6 65.1 97.7

39 66.0 41.5 62.3#



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

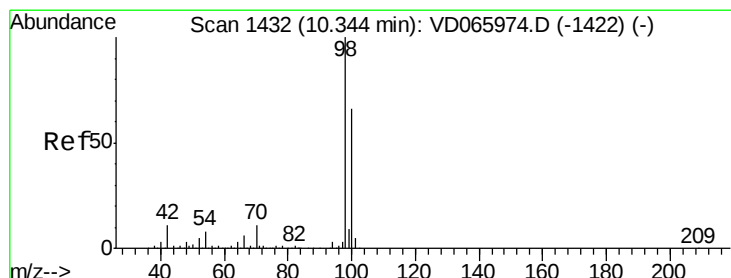
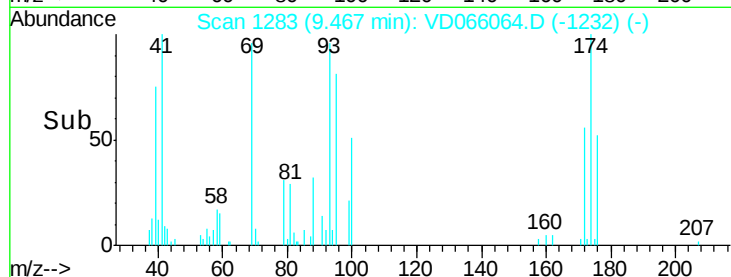
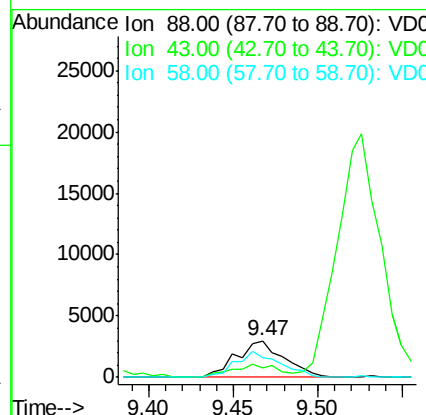
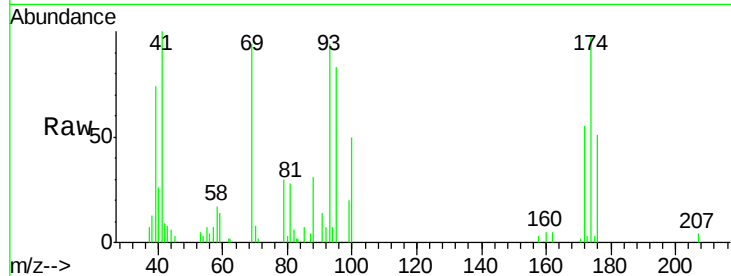




#49
 1,4-Dioxane
 Concen: 400.835 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

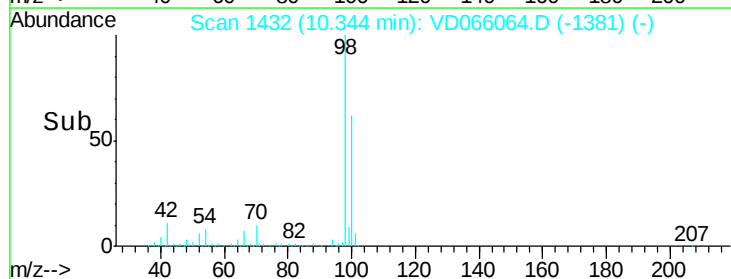
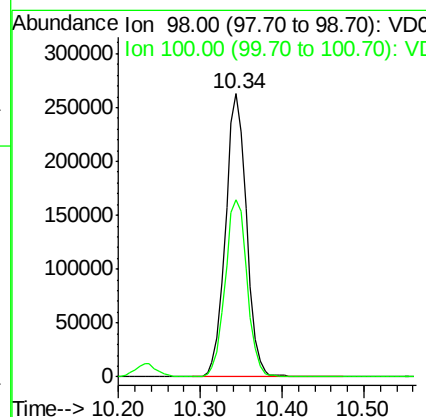
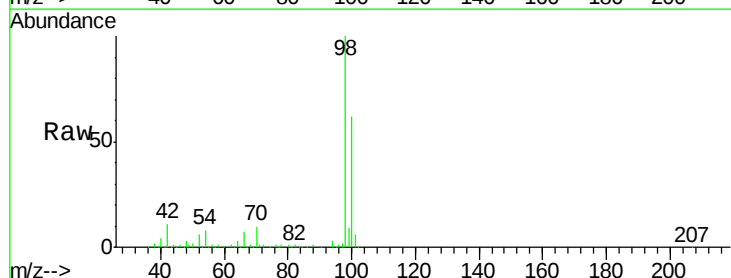
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

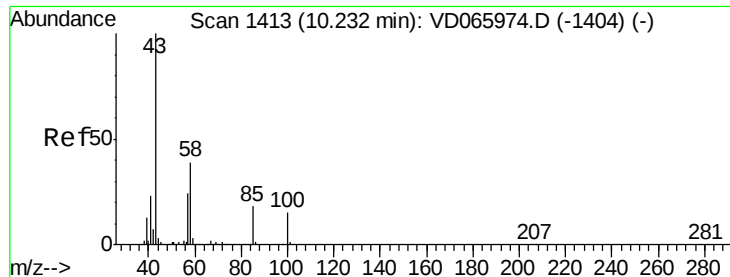
Tgt Ion: 88 Resp: 5827
 Ion Ratio Lower Upper
 88 100
 43 35.0 29.0 43.6
 58 66.0 57.0 85.4



#50
 Toluene-d8
 Concen: 51.649 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 98 Resp: 470382
 Ion Ratio Lower Upper
 98 100
 100 65.2 52.7 79.1

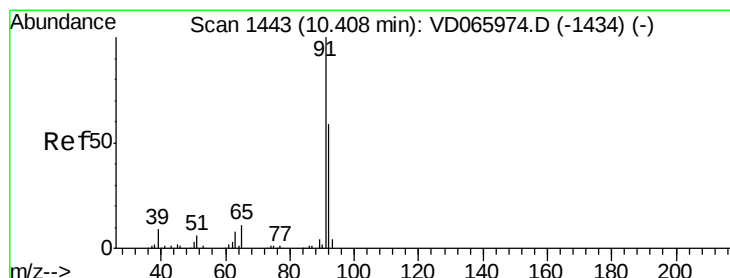
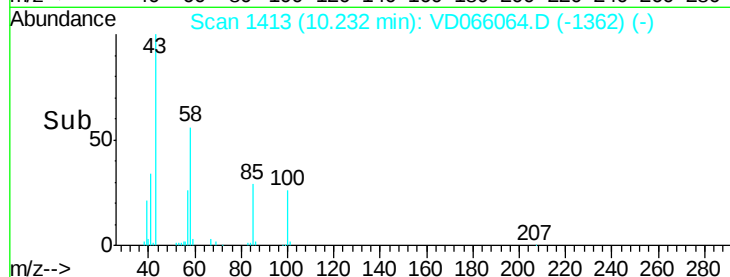
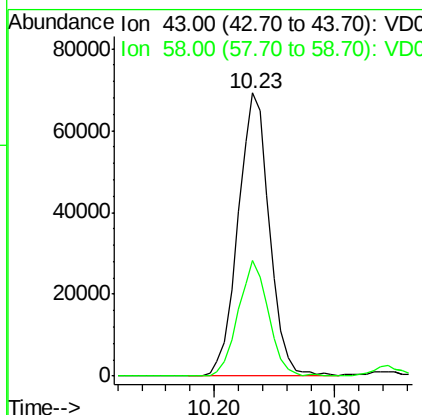
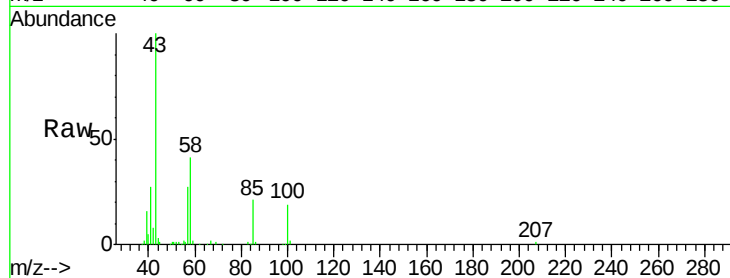




#51
 4-Methyl-2-Pentanone
 Concen: 96.703 ug/l
 RT: 10.23 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

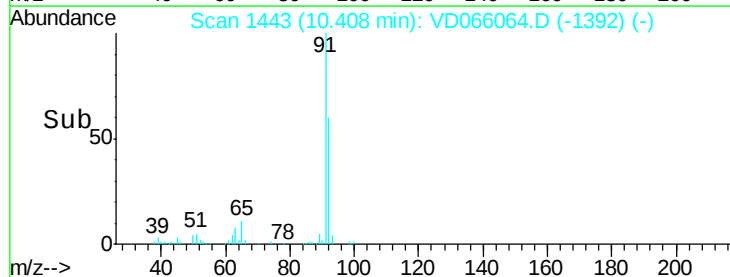
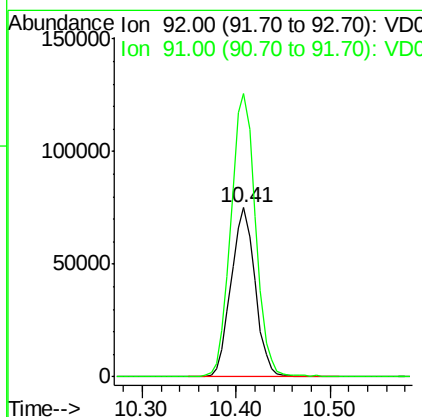
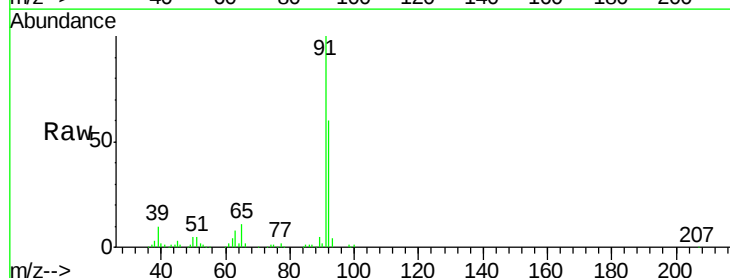
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

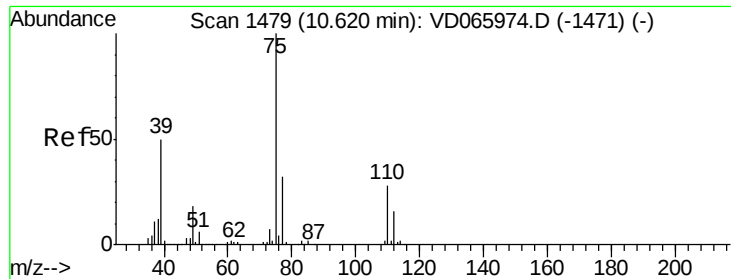
Tgt Ion: 43 Resp: 125023
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.3 46.9



#52
 Toluene
 Concen: 21.363 ug/l
 RT: 10.41 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 92 Resp: 134080
 Ion Ratio Lower Upper
 92 100
 91 171.3 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 21.114 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

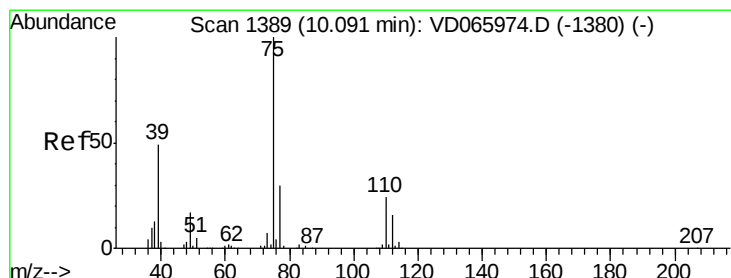
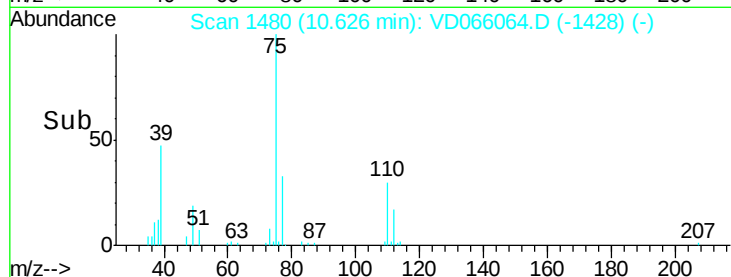
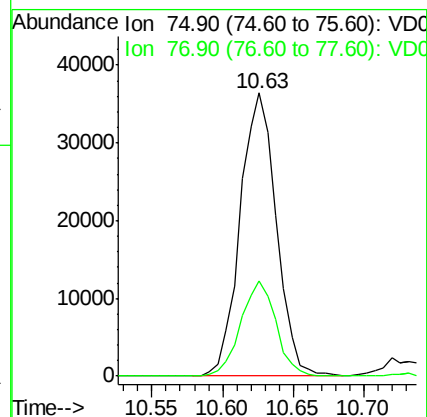
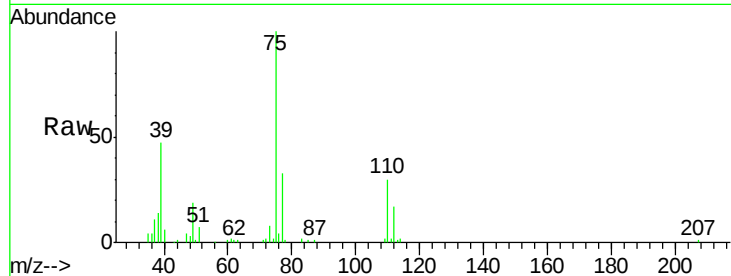
VD0727SBS01

Tgt Ion: 75 Resp: 65261

Ion Ratio Lower Upper

75 100

77 33.4 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 20.522 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

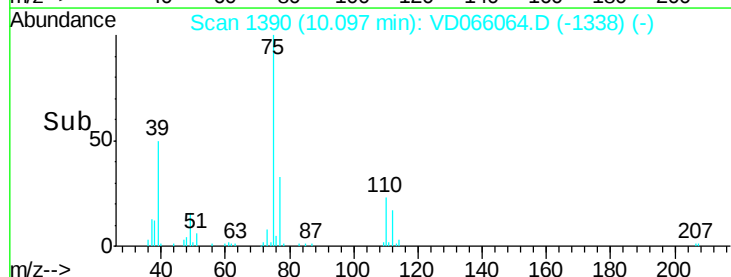
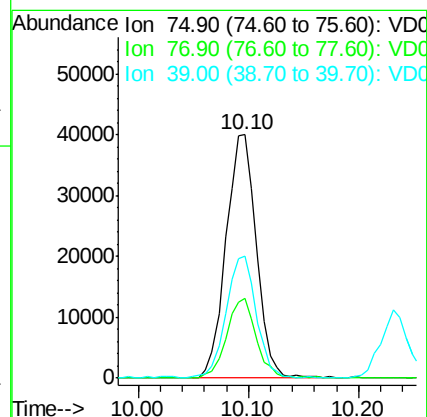
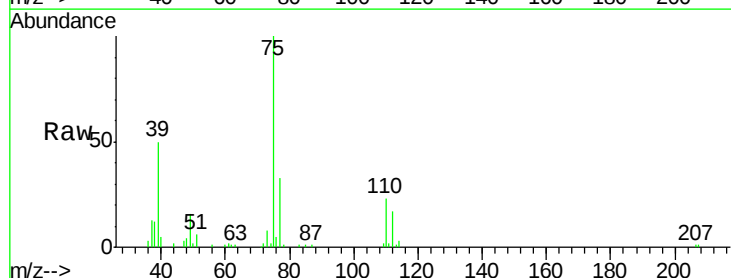
Tgt Ion: 75 Resp: 76892

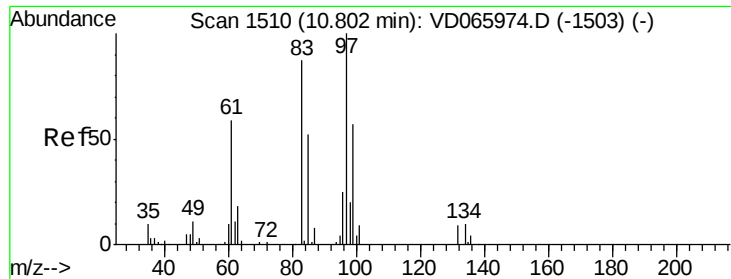
Ion Ratio Lower Upper

75 100

77 32.7 23.8 35.8

39 50.3 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 20.496 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion: 97 Resp: 36475

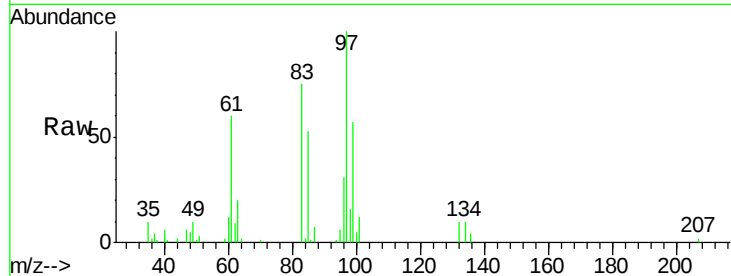
Ion Ratio Lower Upper

97 100

83 75.3 69.7 104.5

85 53.0 41.6 62.4

99 56.9 45.9 68.9

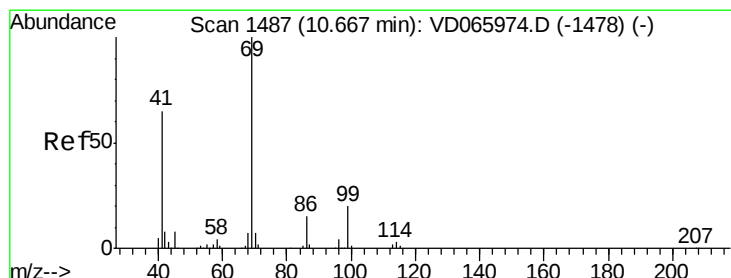
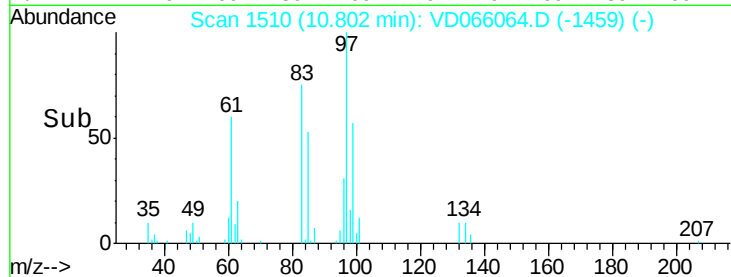
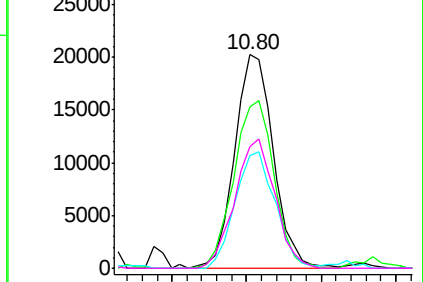


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 21.029 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

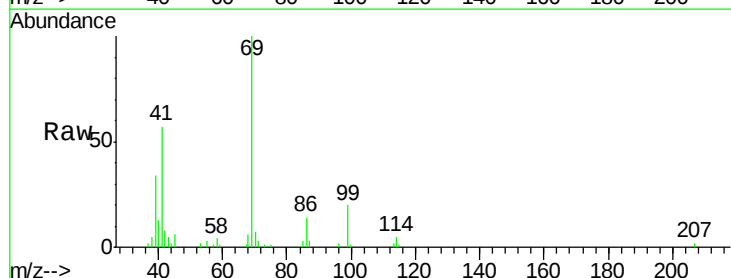
Tgt Ion: 69 Resp: 43510

Ion Ratio Lower Upper

69 100

41 65.6 52.3 78.5

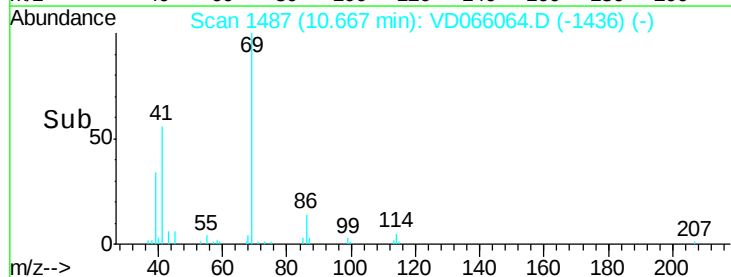
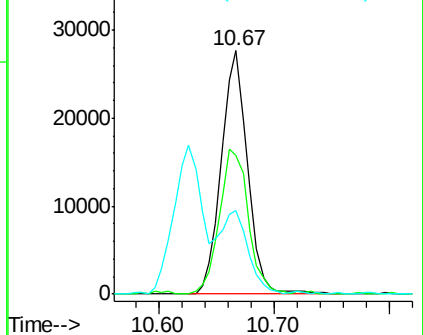
39 33.6 25.2 37.8

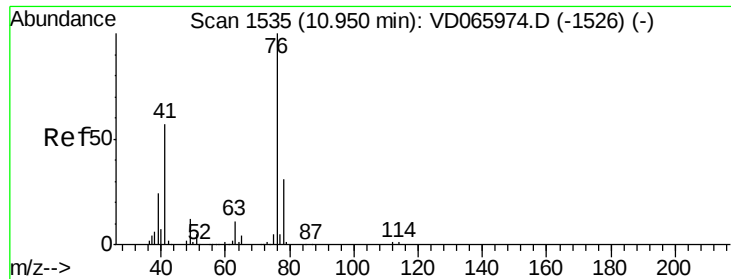


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

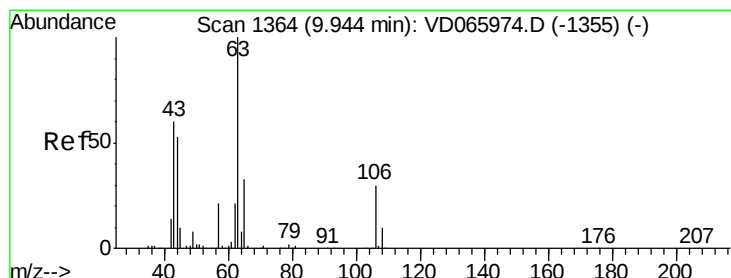
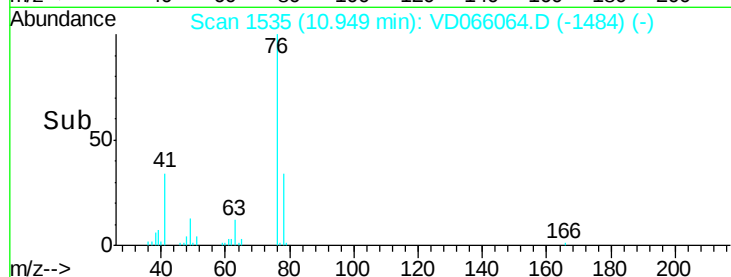
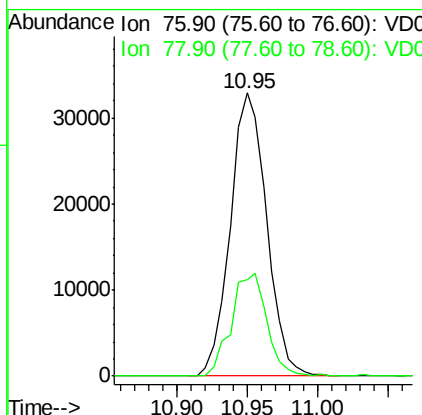
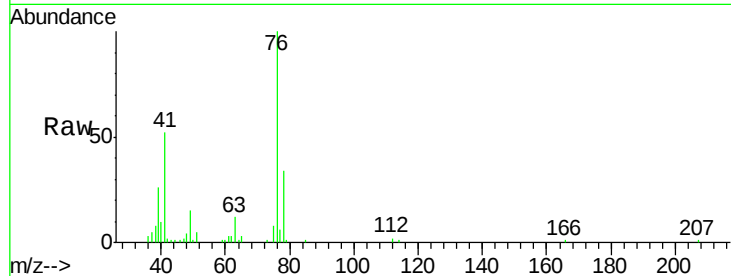




#57
 1,3-Dichloropropane
 Concen: 20.045 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

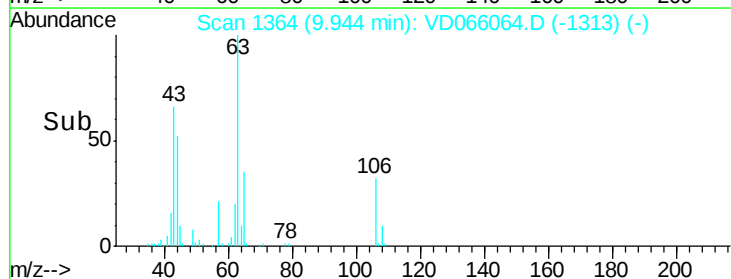
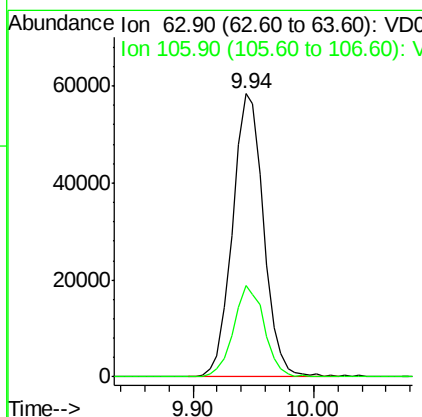
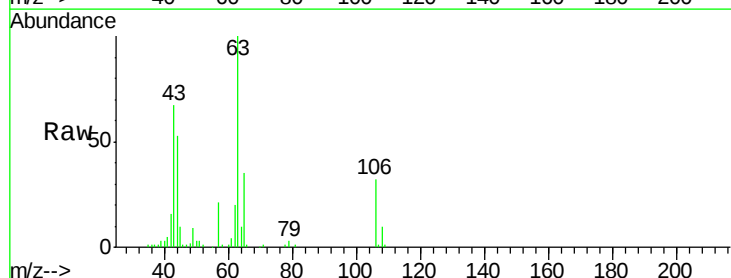
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

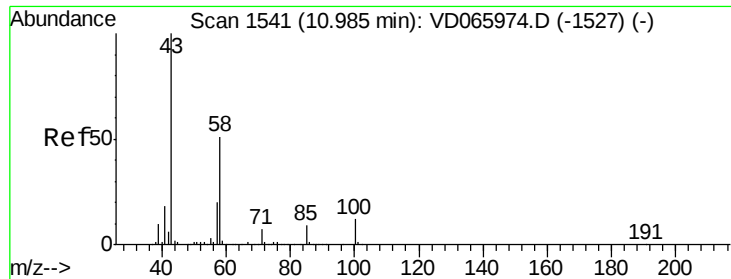
Tgt Ion: 76 Resp: 59052
 Ion Ratio Lower Upper
 76 100
 78 35.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.068 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 63 Resp: 104836
 Ion Ratio Lower Upper
 63 100
 106 32.0 24.4 36.6

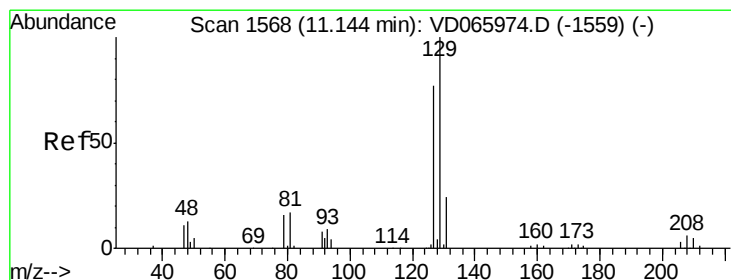
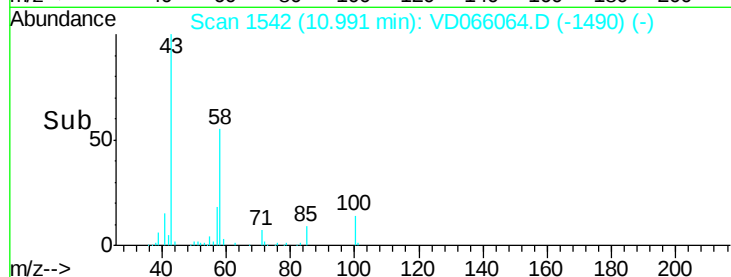
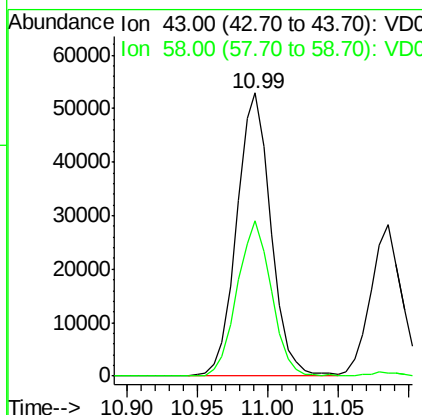
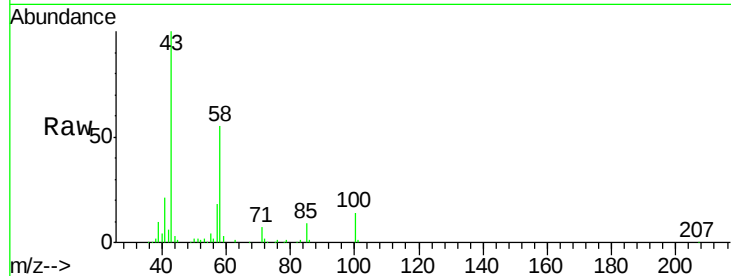




#59
2-Hexanone
Concen: 99.900 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

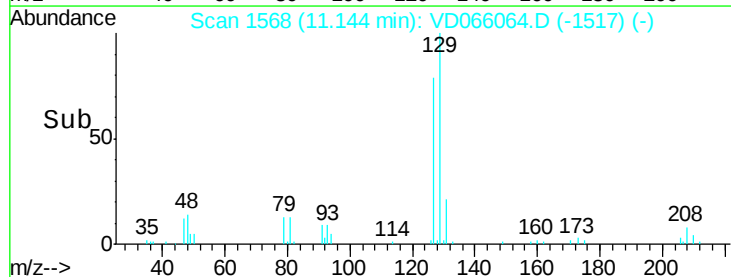
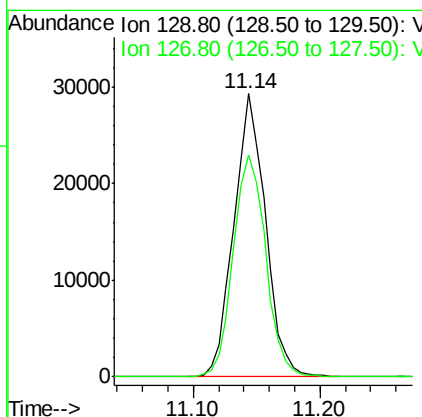
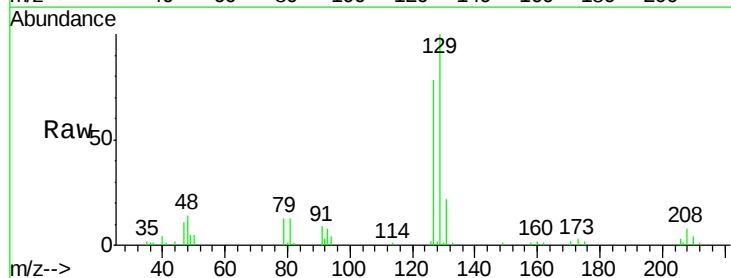
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

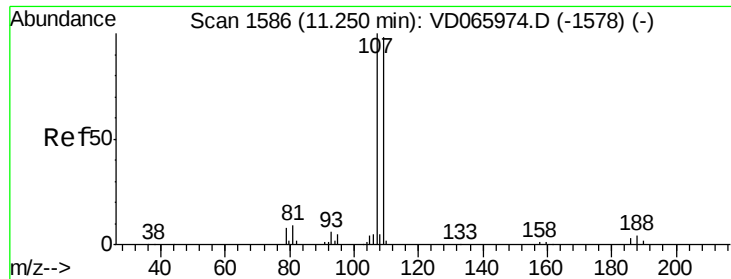
Tgt Ion: 43 Resp: 89504
Ion Ratio Lower Upper
43 100
58 55.0 26.2 78.6



#60
Dibromochloromethane
Concen: 21.089 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 129 Resp: 50601
Ion Ratio Lower Upper
129 100
127 80.2 38.6 115.7

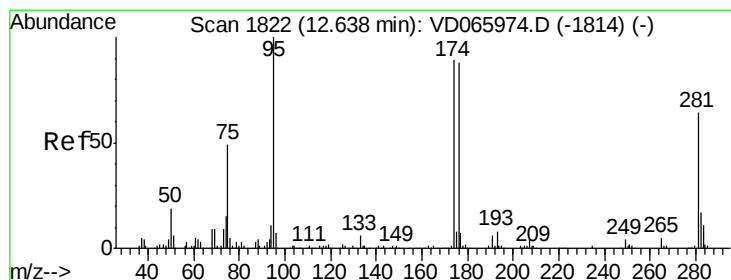
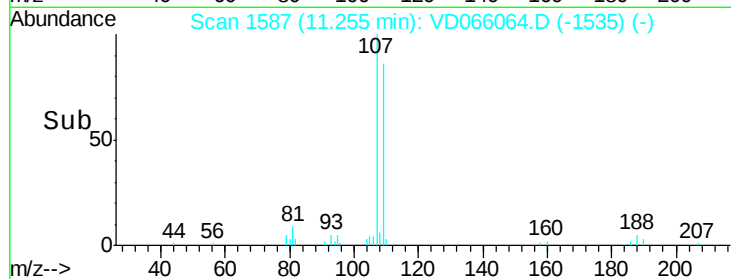
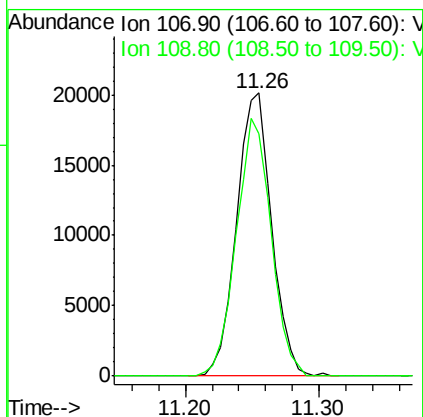
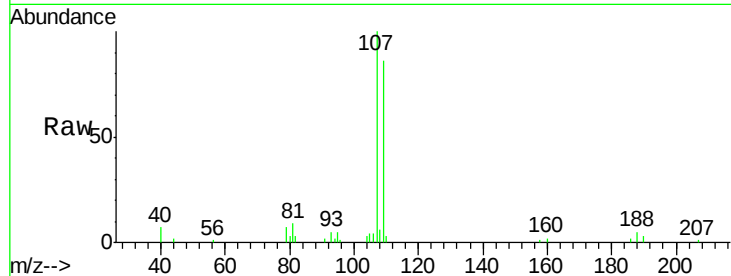




#61
 1,2-Dibromoethane
 Concen: 21.299 ug/l
 RT: 11.26 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

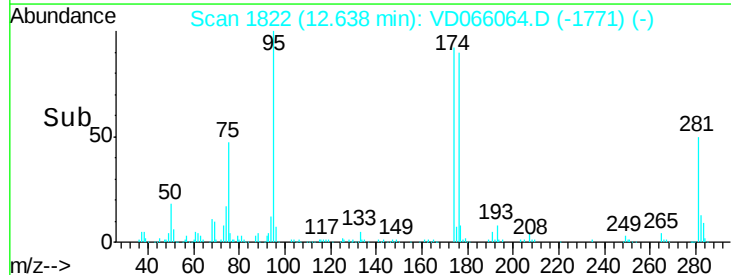
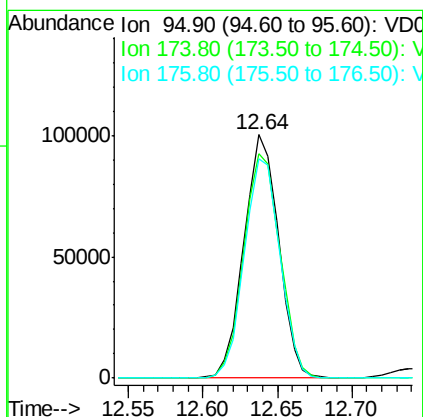
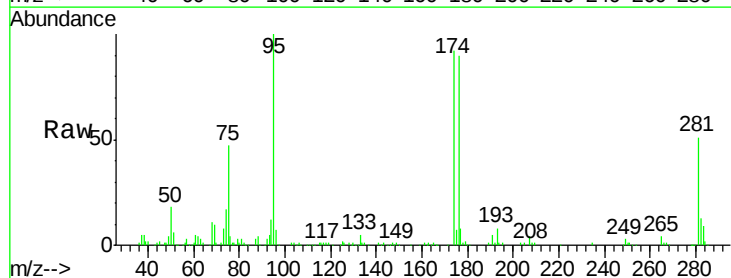
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

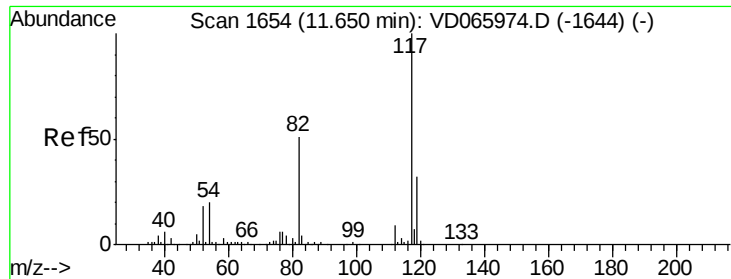
Tgt Ion: 107 Resp: 36546
 Ion Ratio Lower Upper
 107 100
 109 90.5 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 51.216 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 95 Resp: 161733
 Ion Ratio Lower Upper
 95 100
 174 96.1 0.0 178.8
 176 92.4 0.0 172.6

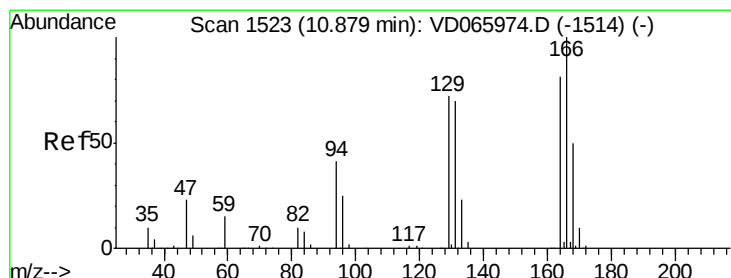
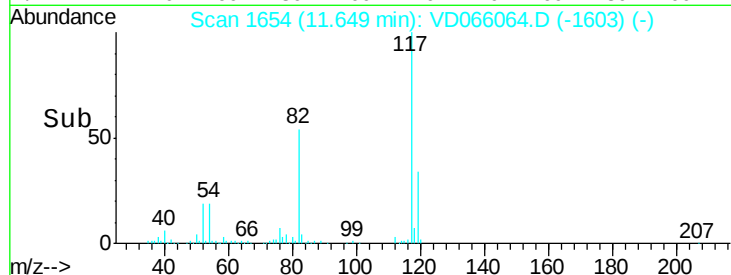
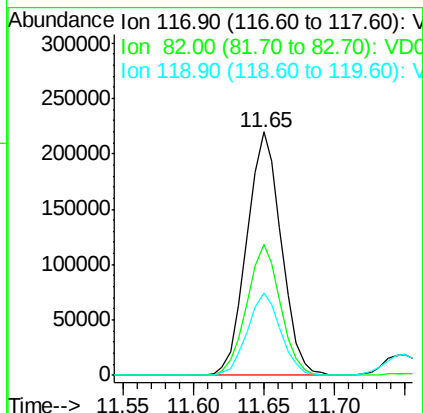
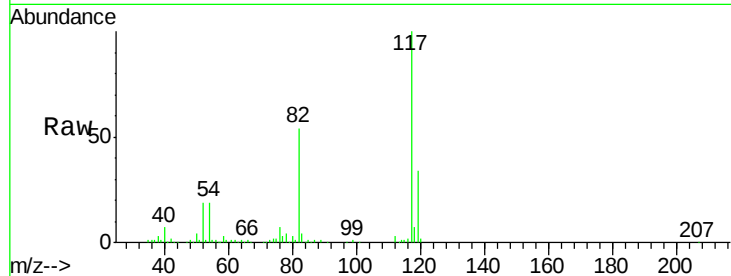




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

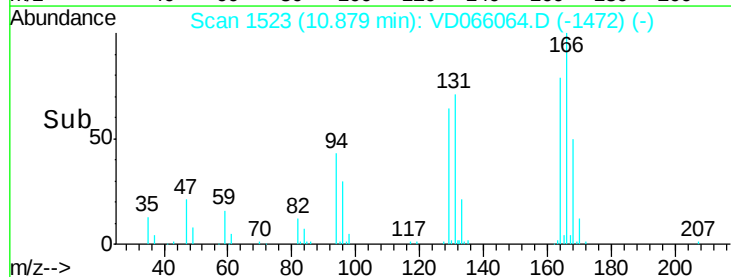
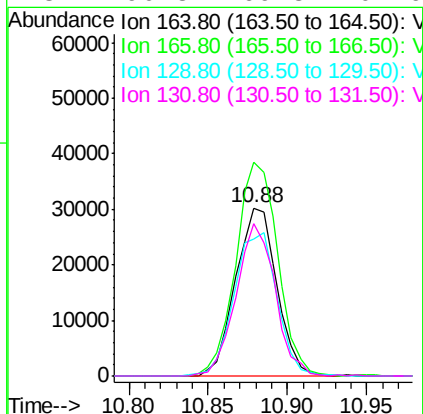
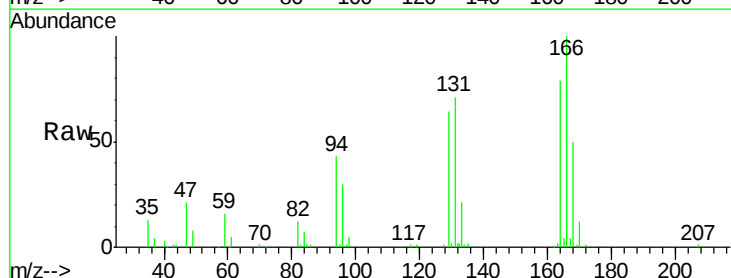
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

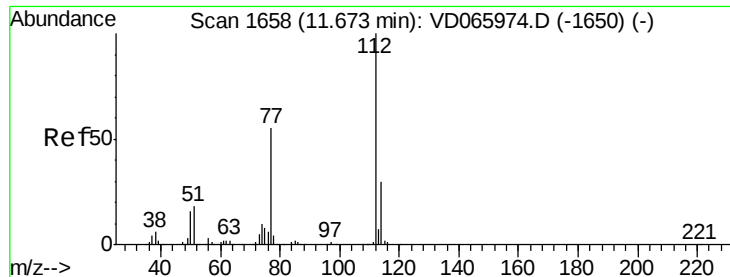
Tgt Ion:117 Resp: 377112
Ion Ratio Lower Upper
117 100
82 54.0 41.1 61.7
119 34.0 25.9 38.9



#64
Tetrachloroethene
Concen: 21.230 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion:164 Resp: 54340
Ion Ratio Lower Upper
164 100
166 127.2 99.1 148.7
129 81.2 71.5 107.3
131 90.8 69.8 104.6

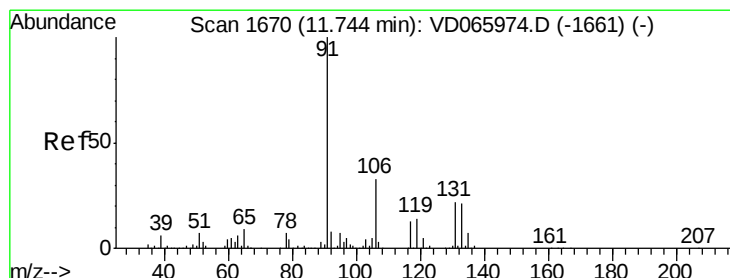
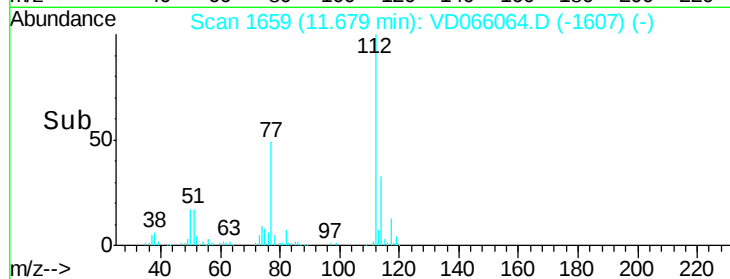
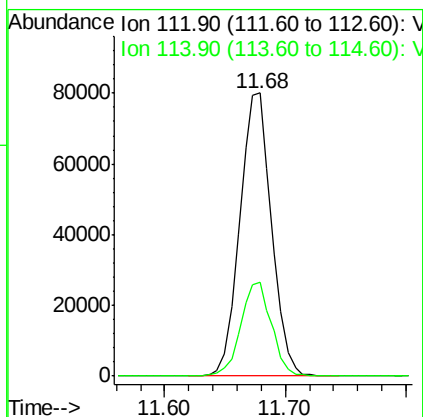
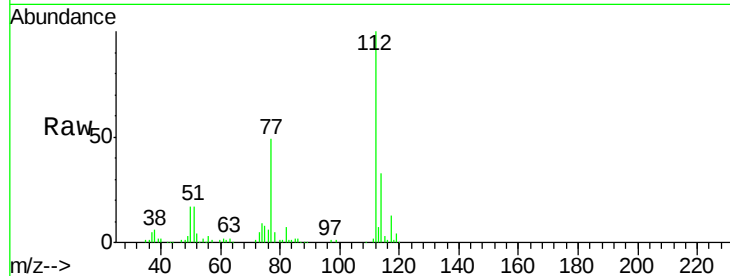




#65
Chlorobenzene
Concen: 21.157 ug/l
RT: 11.68 min Scan# 1659
Delta R.T. 0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

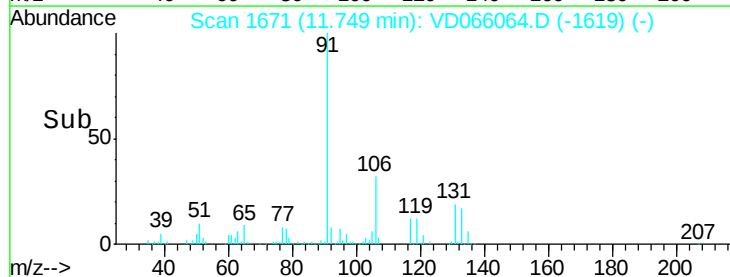
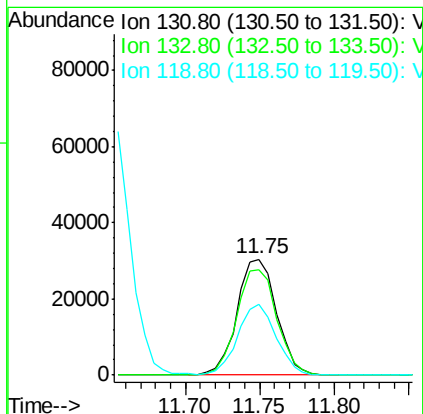
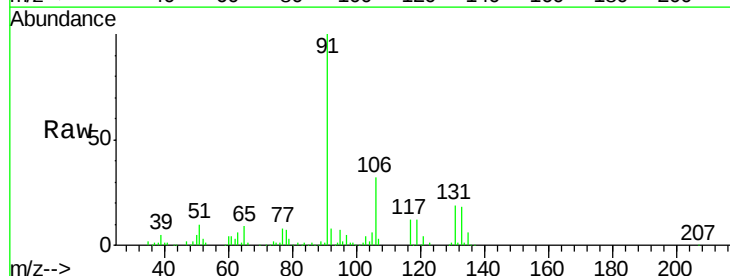
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

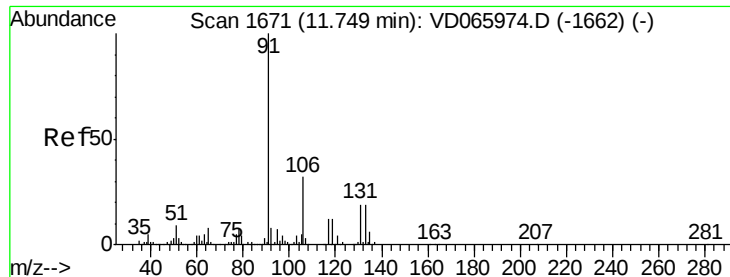
Tgt Ion:112 Resp: 146082
Ion Ratio Lower Upper
112 100
114 33.3 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.908 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion:131 Resp: 55855
Ion Ratio Lower Upper
131 100
133 92.7 47.3 142.0
119 59.4 31.7 95.1





#67

Ethyl Benzene

Concen: 21.431 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

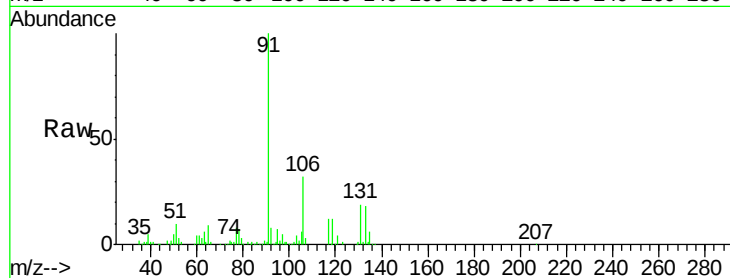
VD0727SBS01

Tgt Ion: 91 Resp: 254655

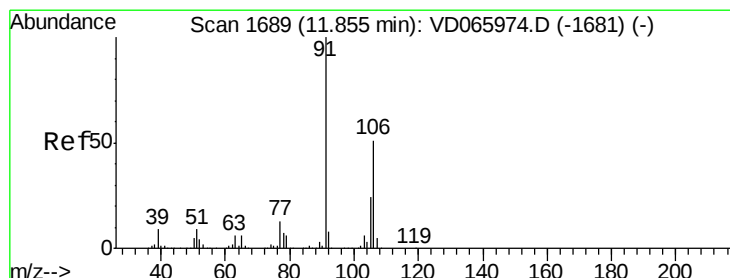
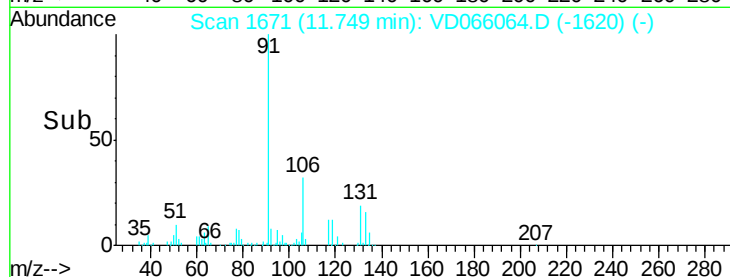
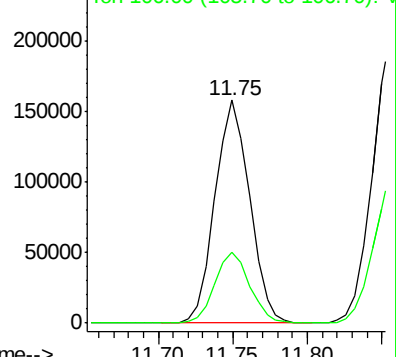
Ion Ratio Lower Upper

91 100

106 31.7 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VD065974.D (-1662) (-)



#68

m/p-Xylenes

Concen: 44.192 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066064.D

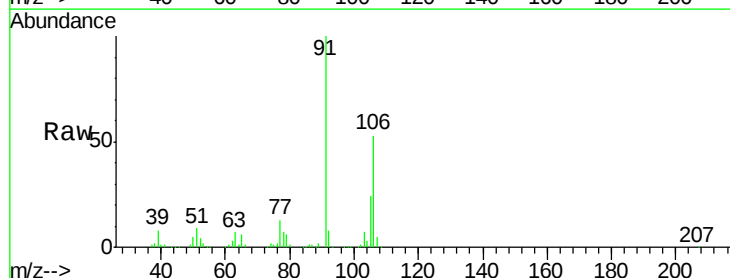
Acq: 27 Jul 2020 13:47

Tgt Ion: 106 Resp: 201830

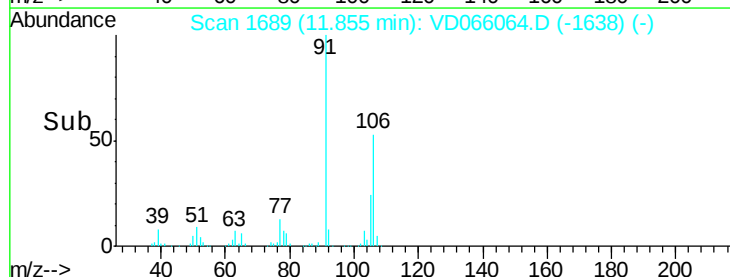
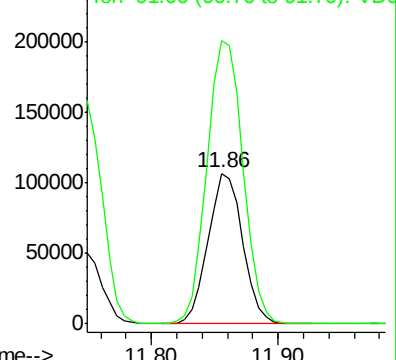
Ion Ratio Lower Upper

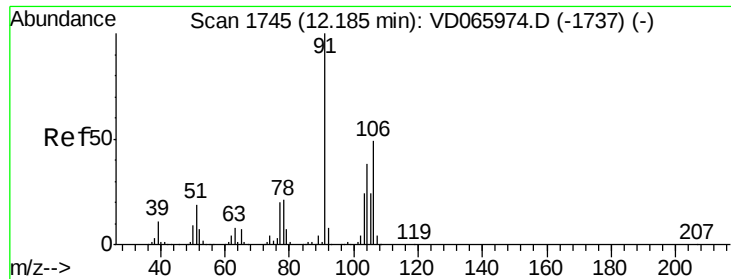
106 100

91 195.8 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): VD065974.D (-1681) (-)

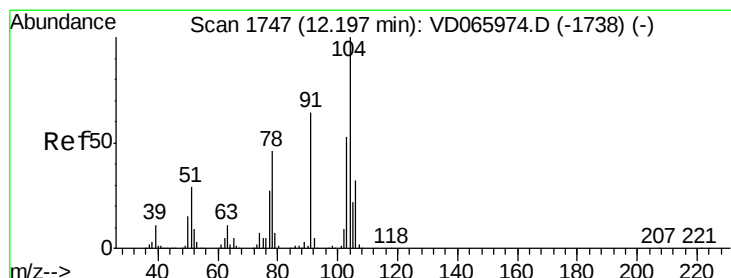
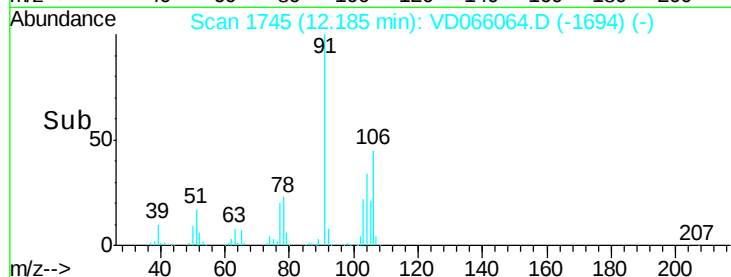
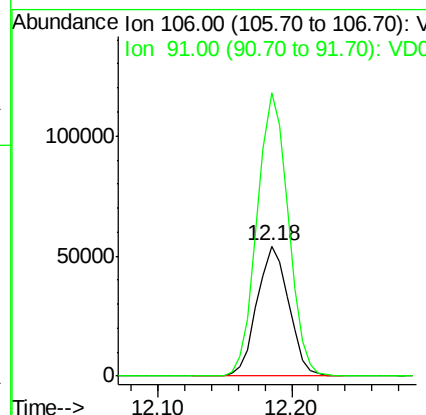
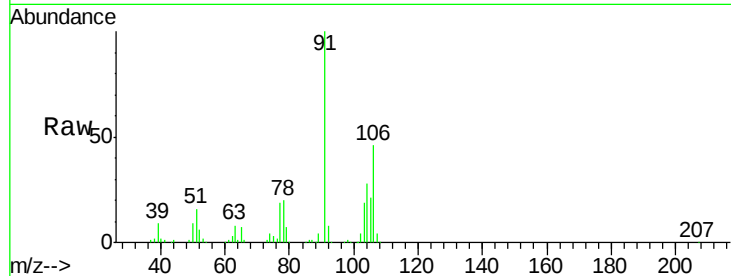




#69
o-Xylene
Concen: 21.331 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

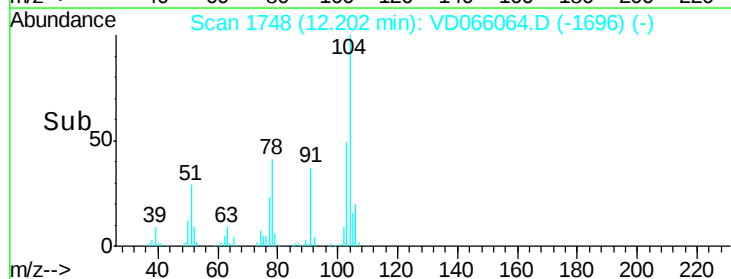
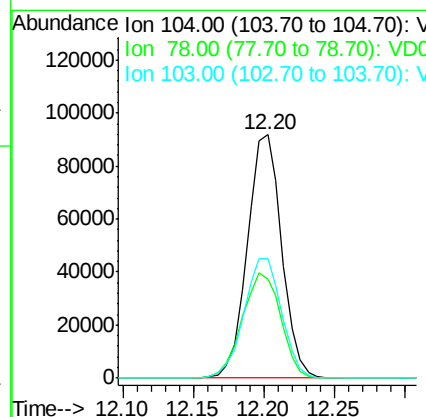
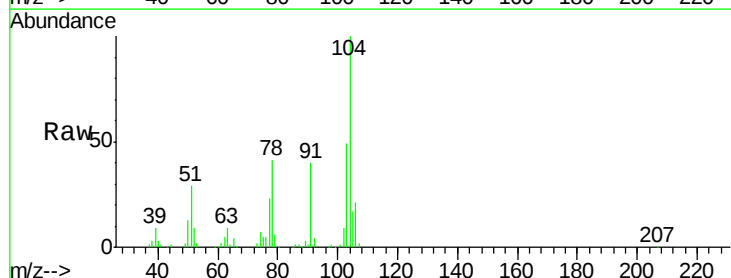
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

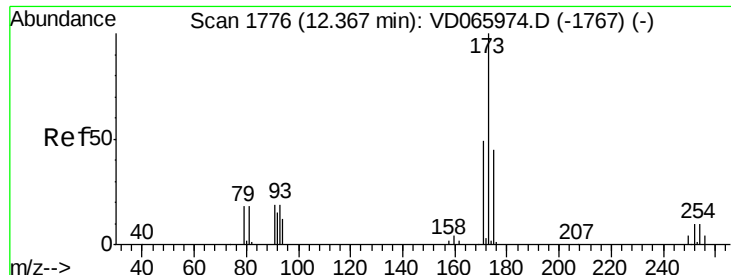
Tgt Ion:106 Resp: 88609
Ion Ratio Lower Upper
106 100
91 215.2 103.1 309.3



#70
Styrene
Concen: 21.932 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion:104 Resp: 156531
Ion Ratio Lower Upper
104 100
78 48.6 38.3 57.5
103 54.0 43.8 65.8

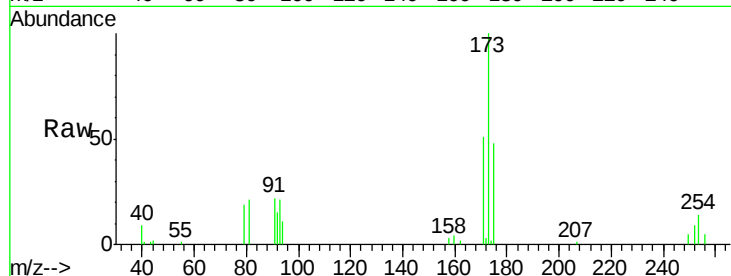




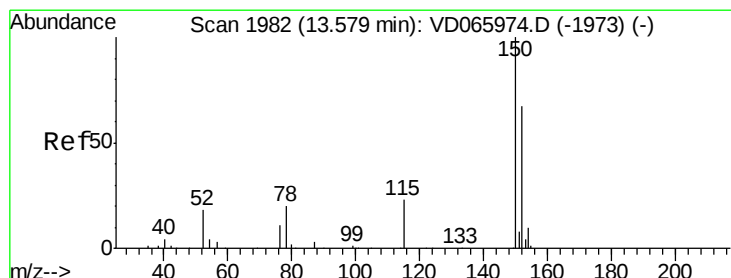
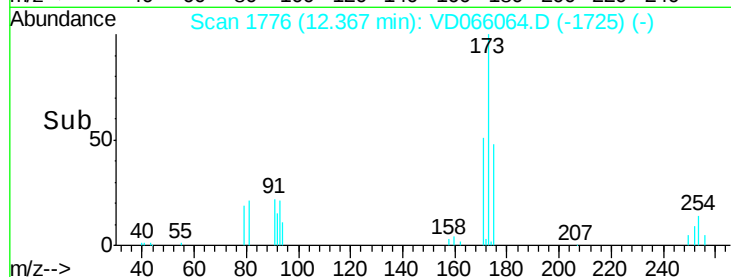
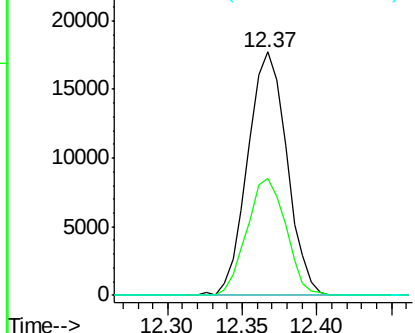
#71
Bromoform
Concen: 21.517 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:173 Resp: 32134
Ion Ratio Lower Upper
173 100
175 47.9 24.1 72.3
254 0.0 0.0 0.0

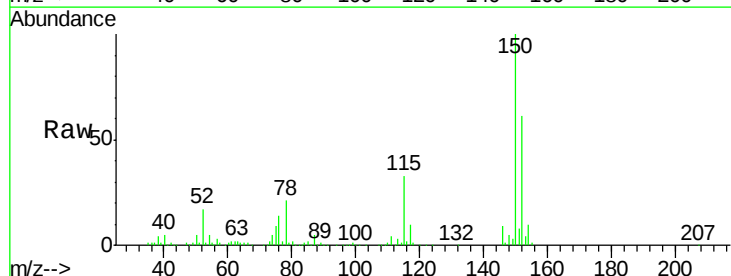


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

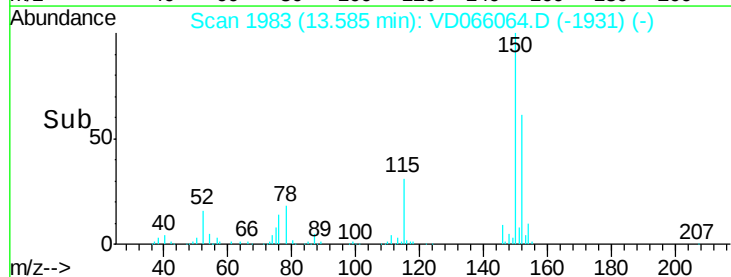
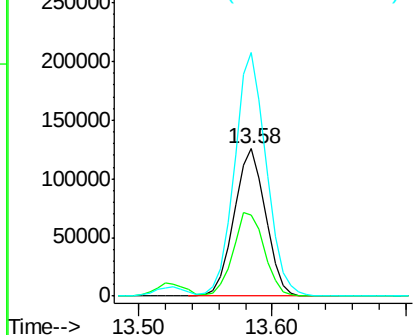


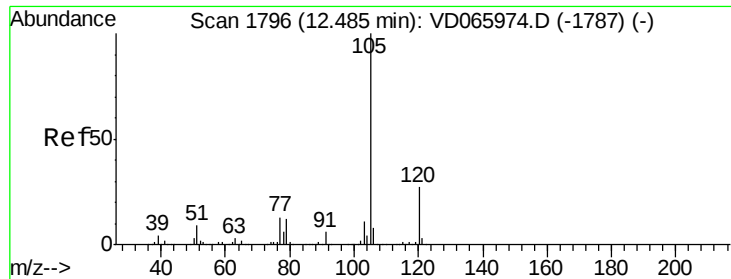
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion:152 Resp: 205284
Ion Ratio Lower Upper
152 100
115 56.6 27.9 83.7
150 166.3 0.0 348.2



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





#73

Isopropylbenzene

Concen: 20.561 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

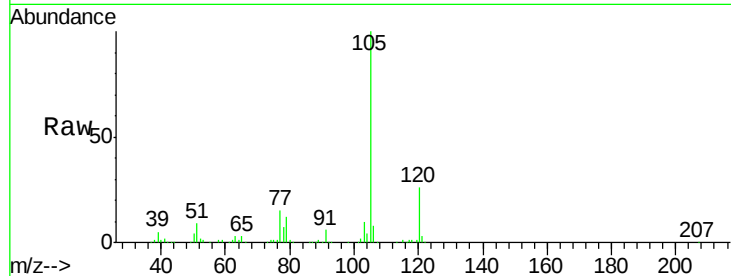
VD0727SBS01

Tgt Ion: 105 Resp: 255406

Ion Ratio Lower Upper

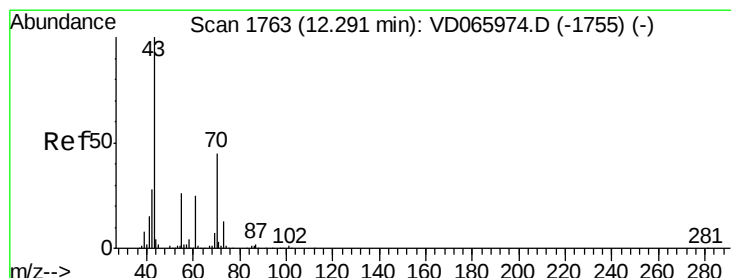
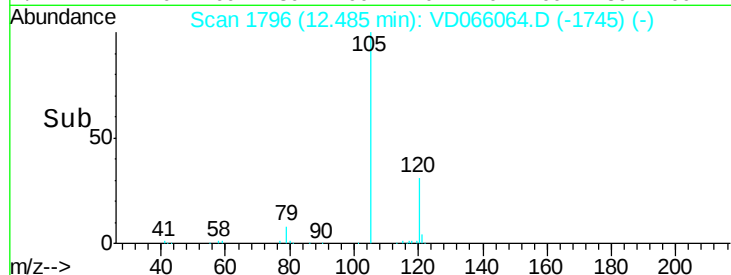
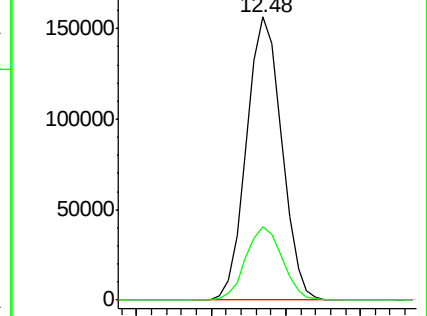
105 100

120 26.8 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.593 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Tgt Ion: 43 Resp: 47886

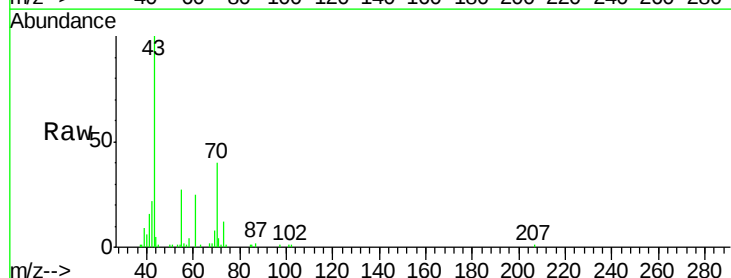
Ion Ratio Lower Upper

43 100

70 44.2 34.6 51.8

55 27.4 20.3 30.5

61 25.0 19.5 29.3

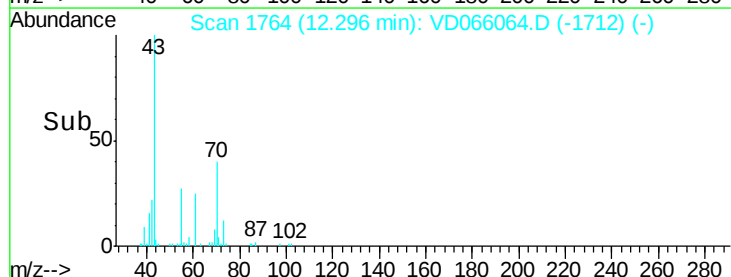
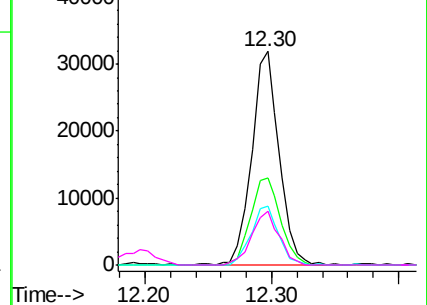


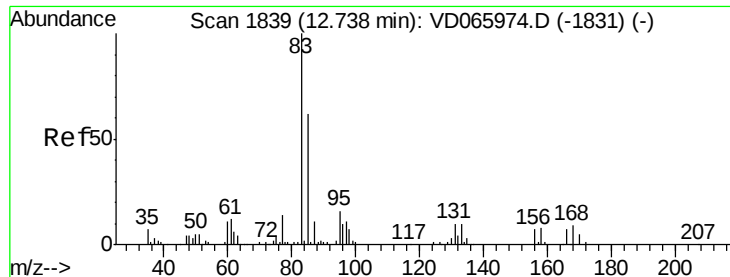
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.441 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

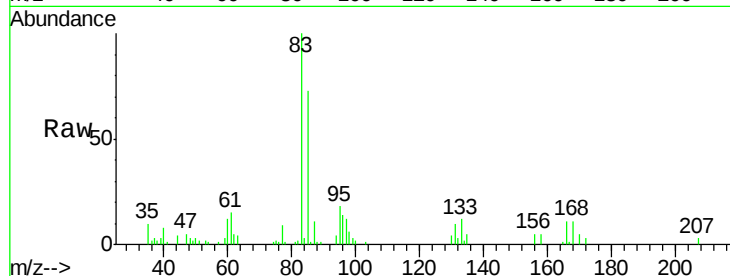
Tgt Ion: 83 Resp: 37857

Ion Ratio Lower Upper

83 100

131 12.9 5.7 17.1

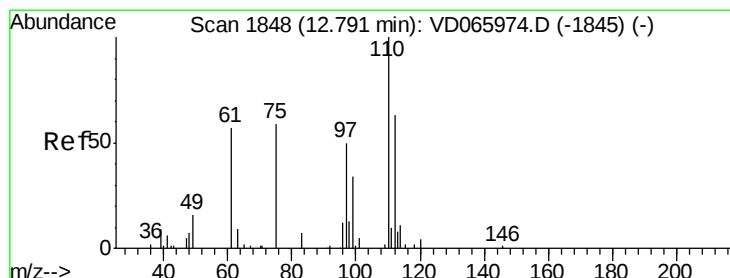
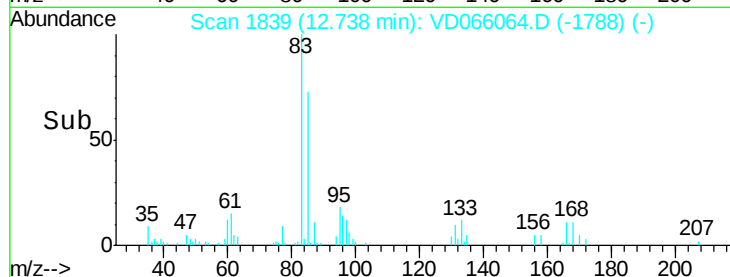
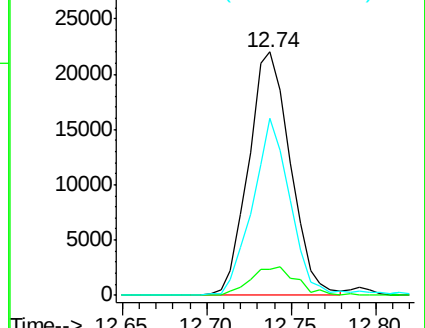
85 65.2 31.9 95.5



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: 33.527 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD066064.D

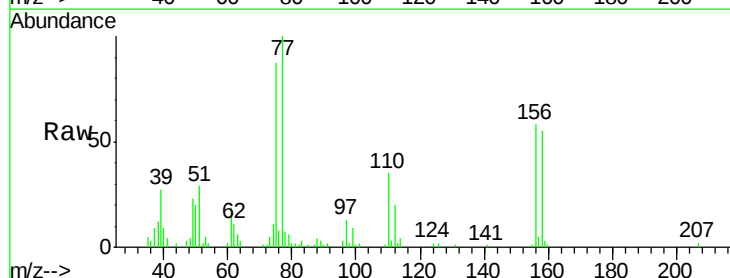
Acq: 27 Jul 2020 13:47

Tgt Ion: 75 Resp: 51822

Ion Ratio Lower Upper

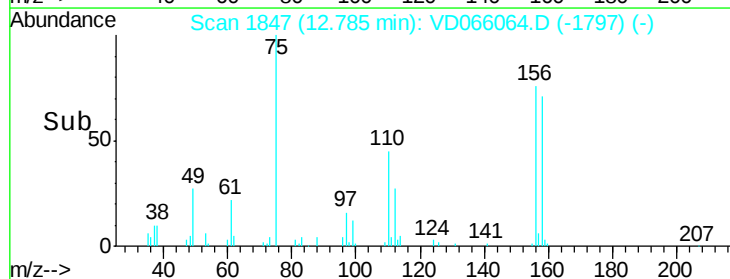
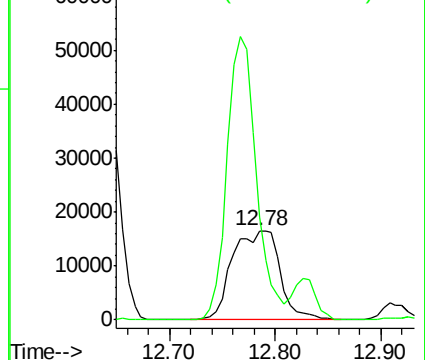
75 100

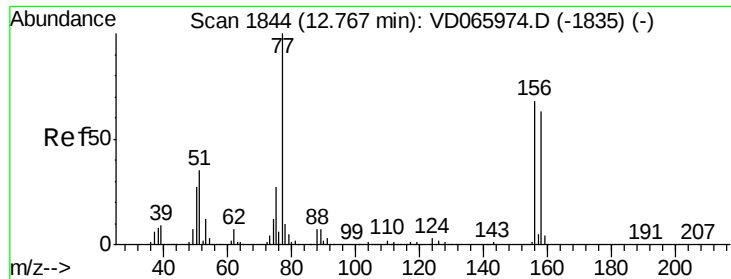
77 194.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.361 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

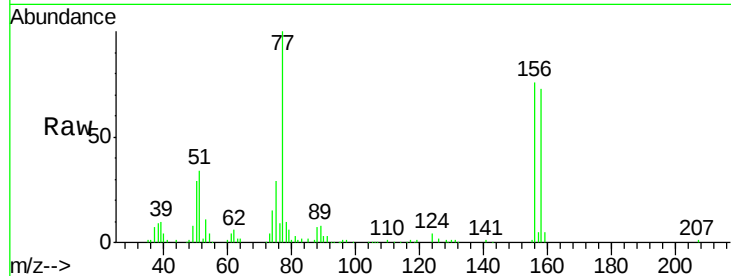
Tgt Ion:156 Resp: 64637

Ion Ratio Lower Upper

156 100

77 156.1 83.0 249.0

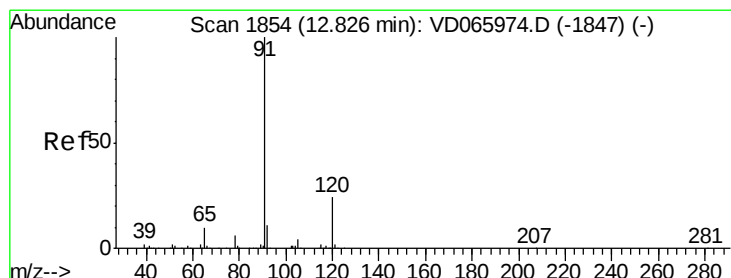
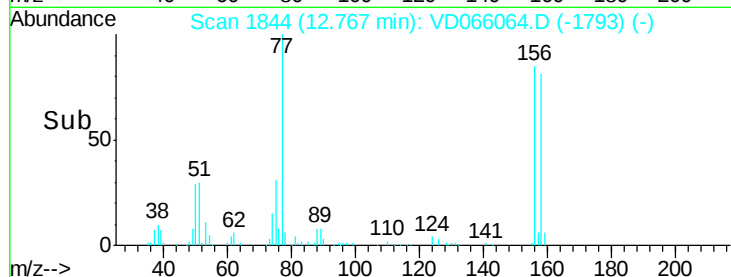
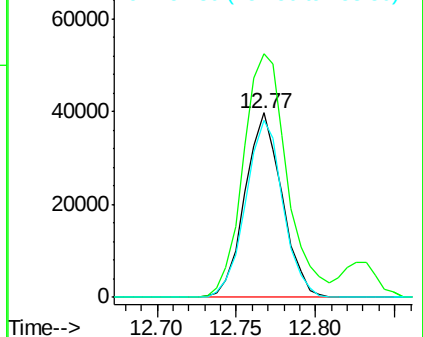
158 96.3 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.803 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066064.D

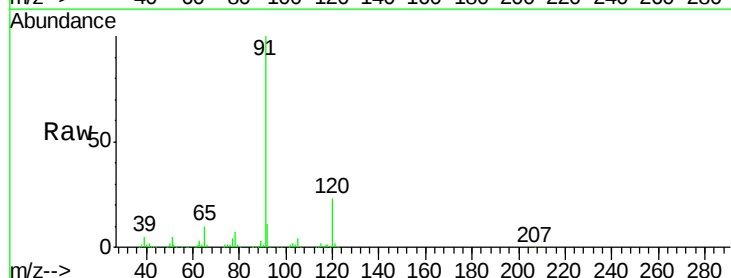
Acq: 27 Jul 2020 13:47

Tgt Ion: 91 Resp: 299856

Ion Ratio Lower Upper

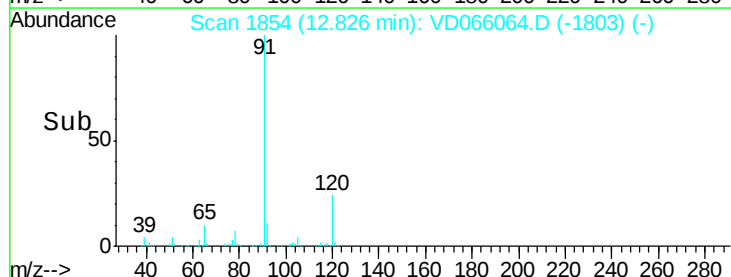
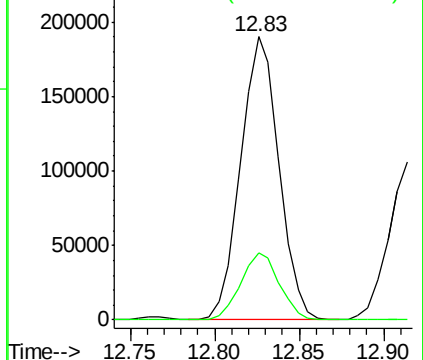
91 100

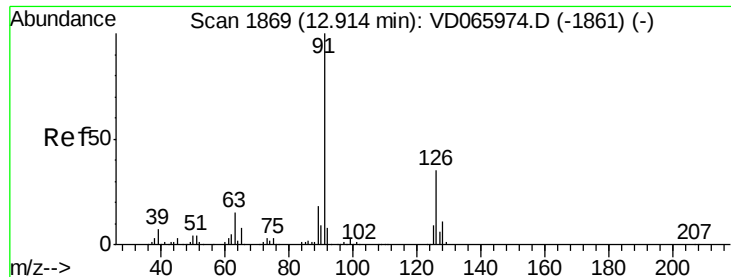
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

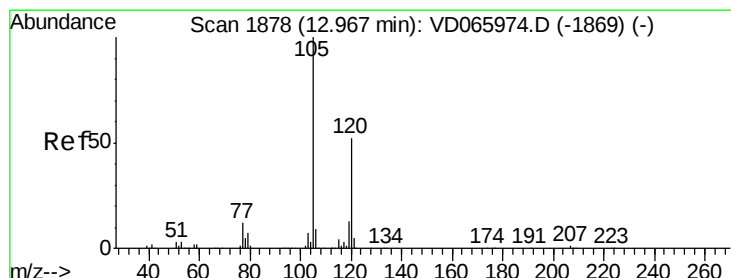
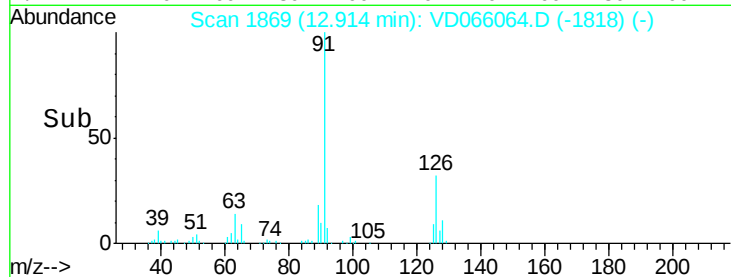
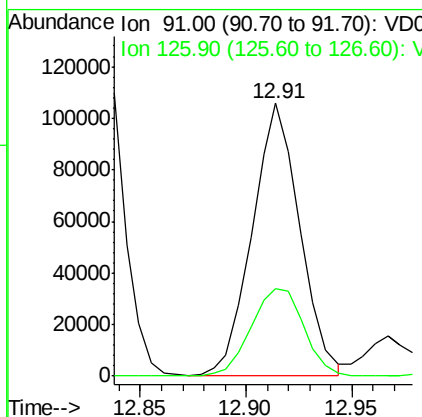
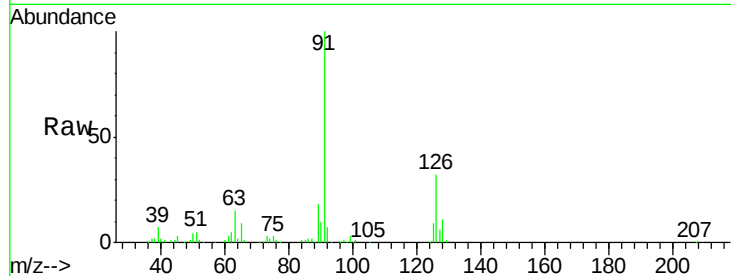




#79
 2-Chlorotoluene
 Concen: 20.109 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

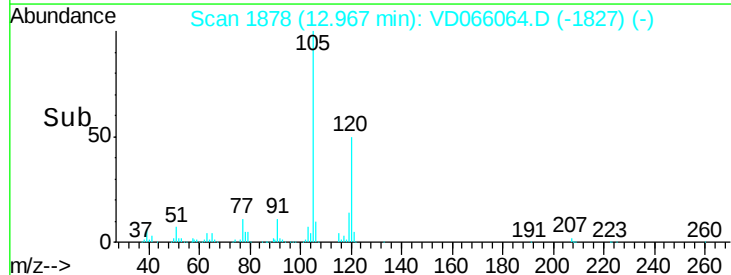
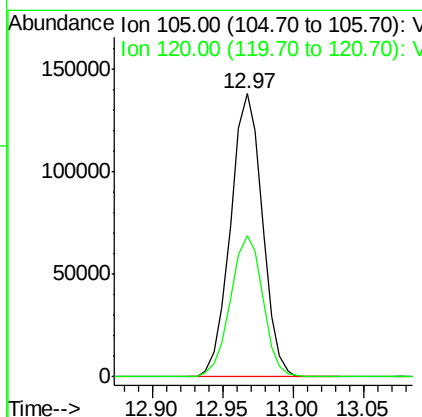
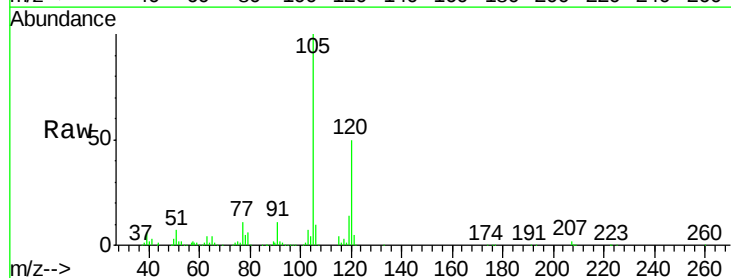
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

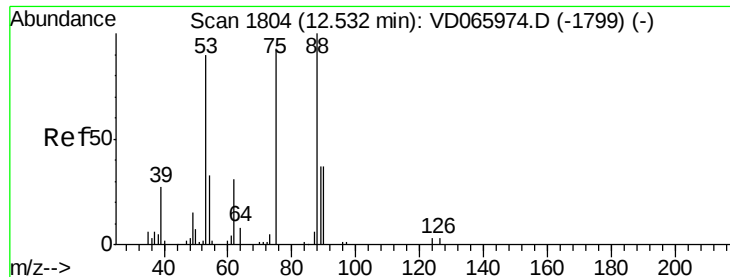
Tgt Ion: 91 Resp: 165594
 Ion Ratio Lower Upper
 91 100
 126 35.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 21.279 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 105 Resp: 217162
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.158 ug/l

RT: 12.54 min Scan# 1805

Delta R.T. 0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

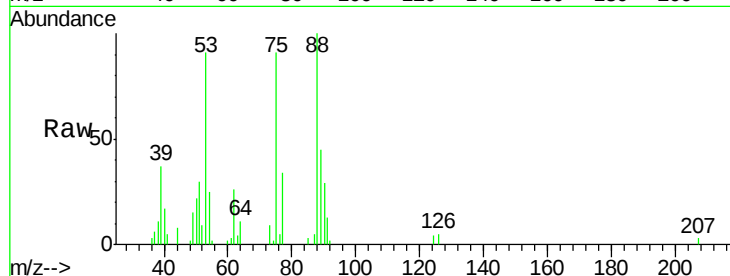
Tgt Ion: 75 Resp: 12905

Ion Ratio Lower Upper

75 100

53 99.3 76.8 115.2

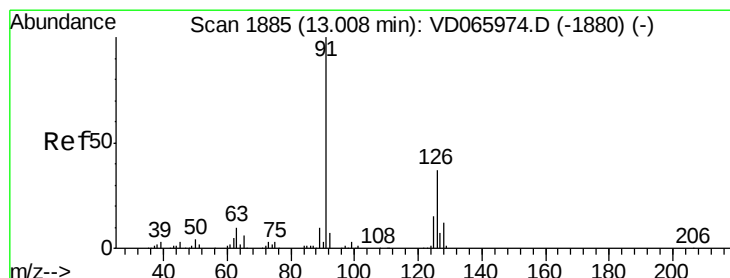
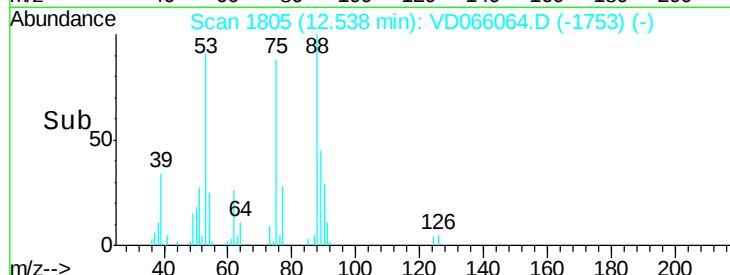
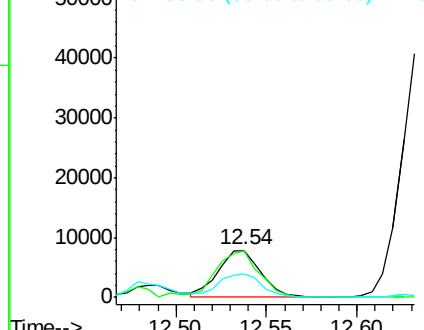
89 49.1 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 20.483 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD066064.D

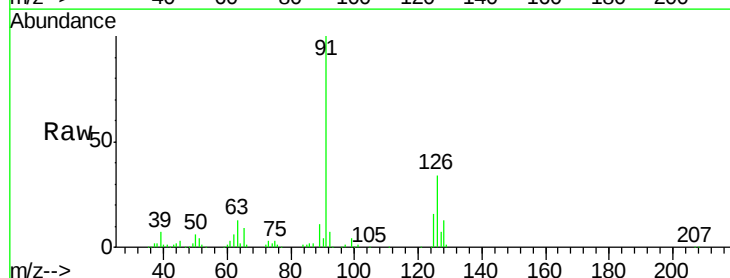
Acq: 27 Jul 2020 13:47

Tgt Ion: 91 Resp: 178041

Ion Ratio Lower Upper

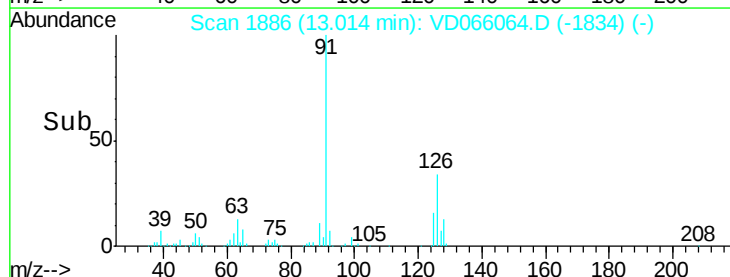
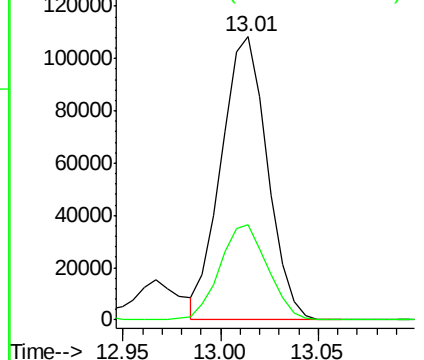
91 100

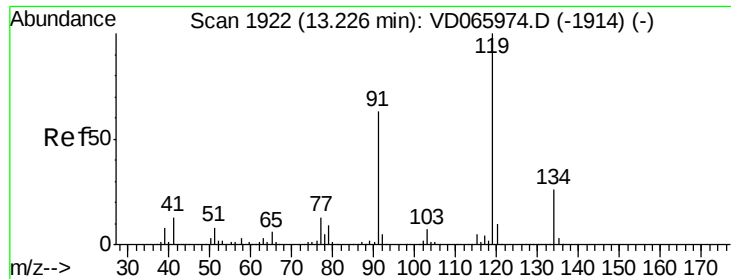
126 35.0 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

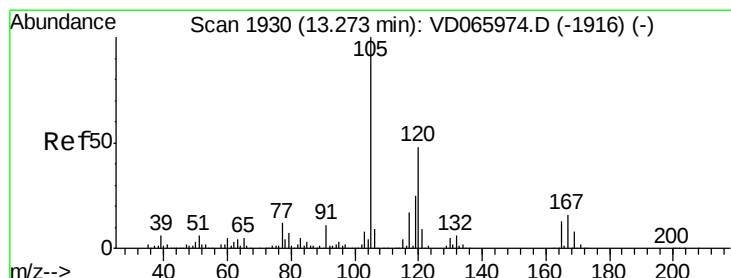
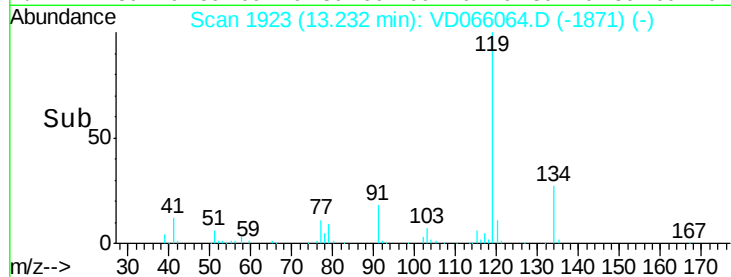
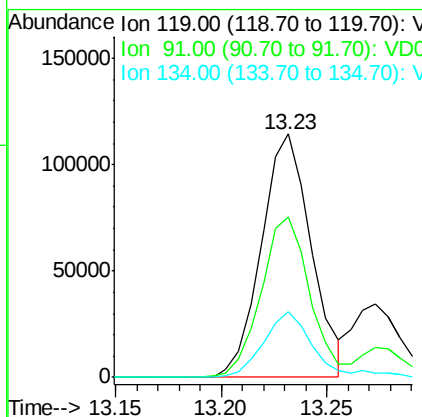
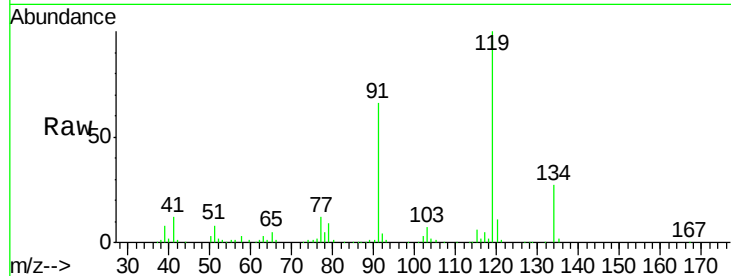




#83
 tert-Butylbenzene
 Concen: 20.986 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

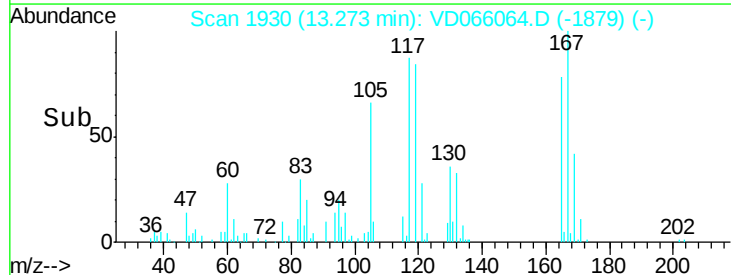
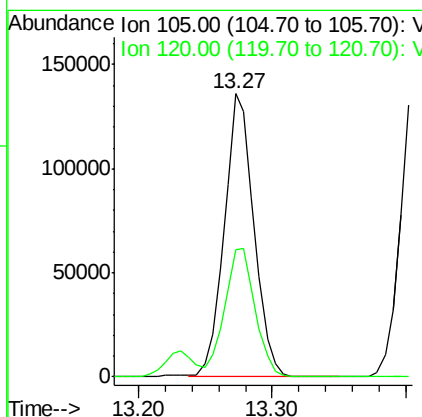
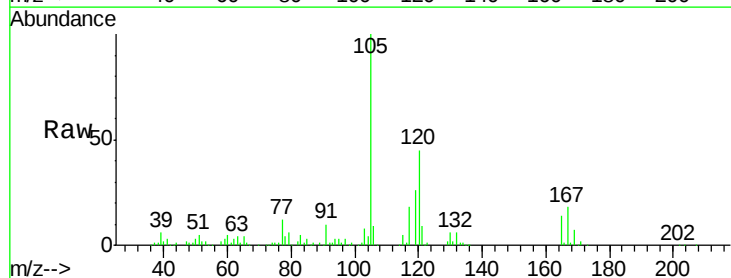
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

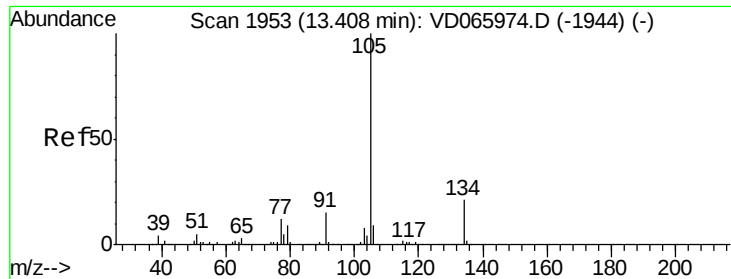
Tgt Ion:119 Resp: 187415
 Ion Ratio Lower Upper
 119 100
 91 65.2 30.6 91.6
 134 27.3 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.960 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion:105 Resp: 211032
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.9 71.8

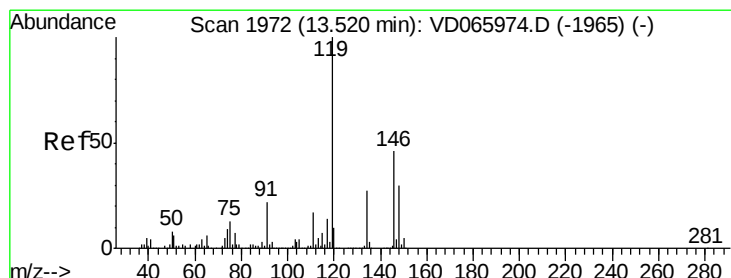
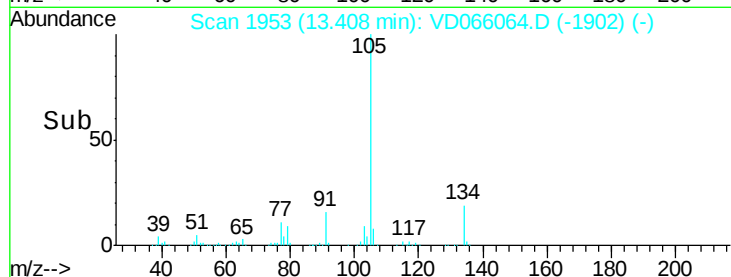
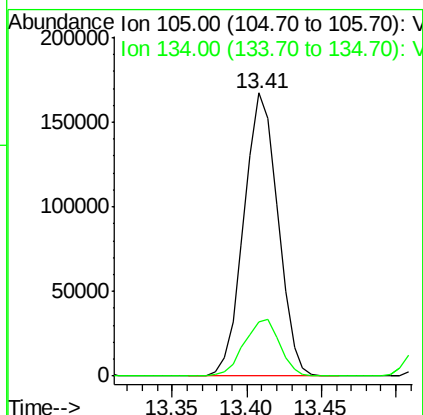
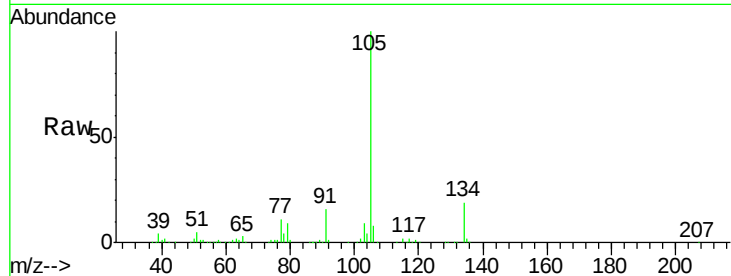




#85
 sec-Butylbenzene
 Concen: 21.455 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

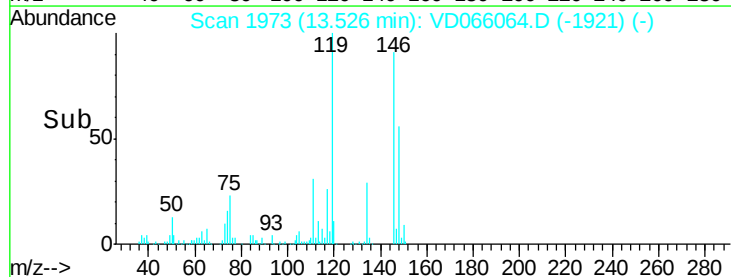
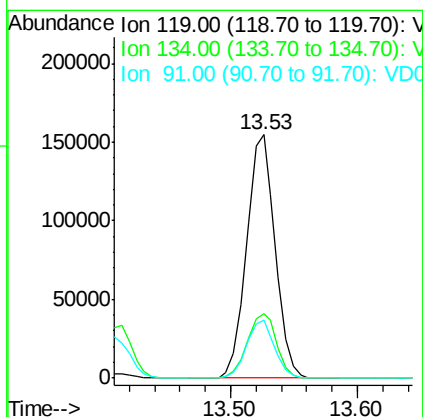
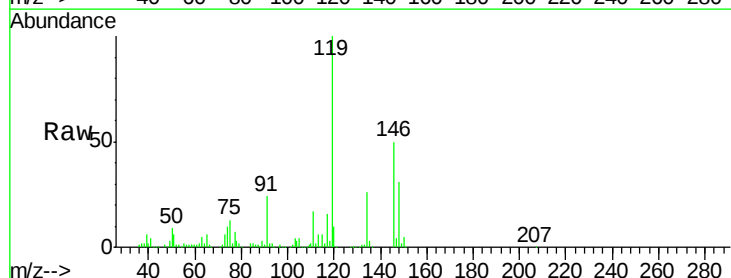
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

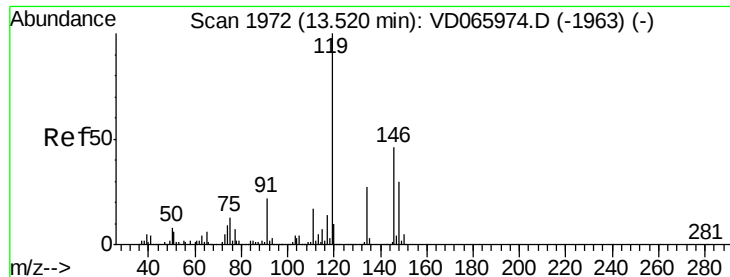
Tgt Ion:105 Resp: 263911
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 21.582 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion:119 Resp: 241183
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.4 40.2
 91 23.3 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 21.169 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

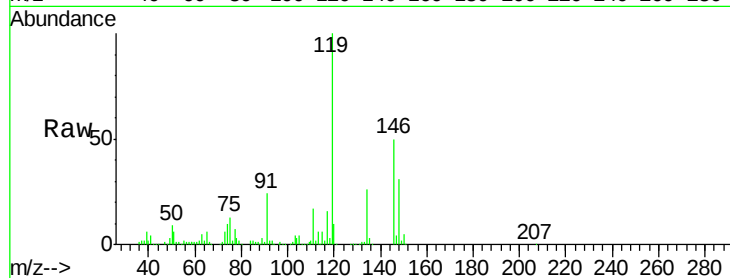
Tgt Ion:146 Resp: 124767

Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.6

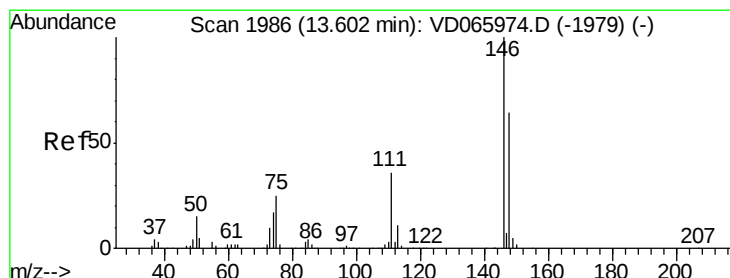
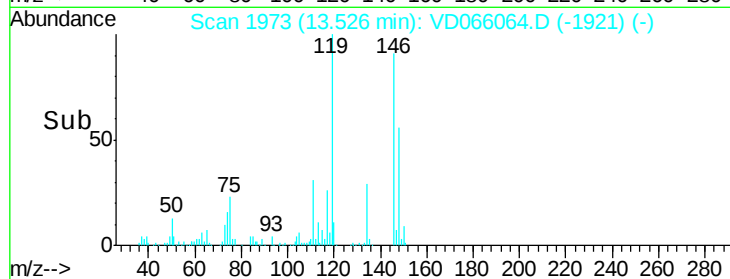
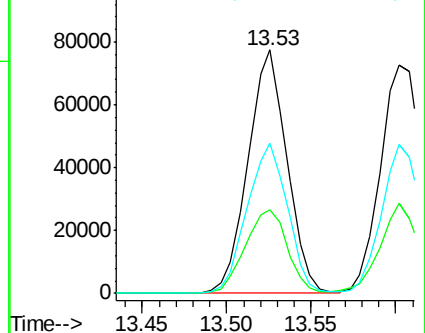
148 63.6 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.785 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

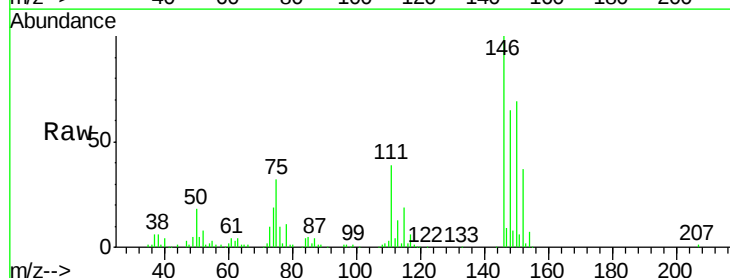
Tgt Ion:146 Resp: 123841

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

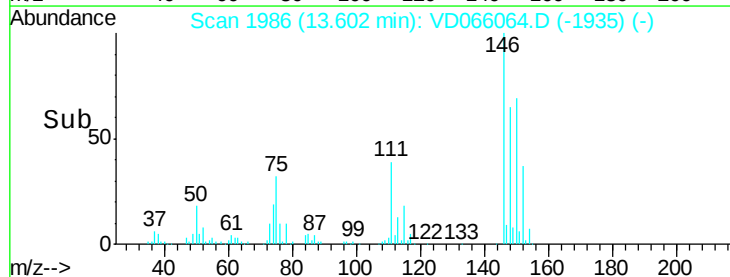
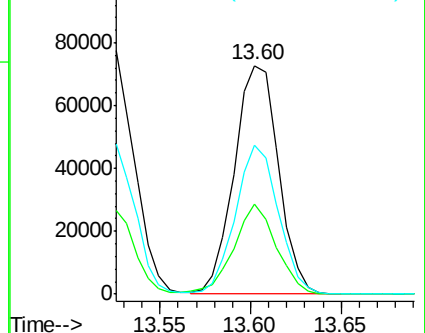
148 63.2 32.2 96.6

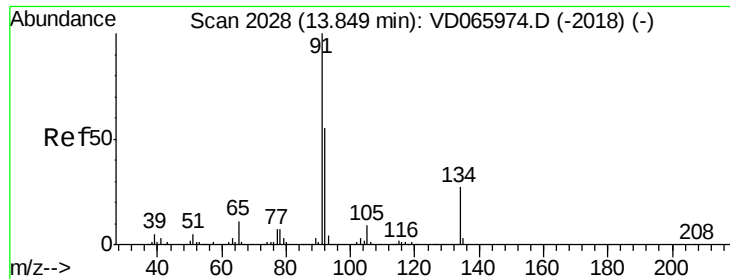


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

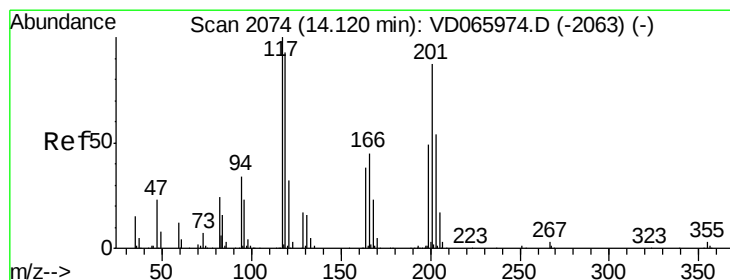
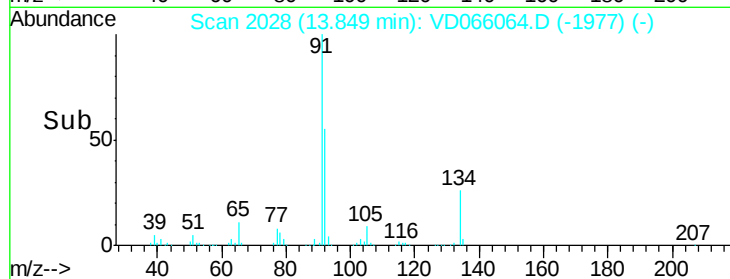
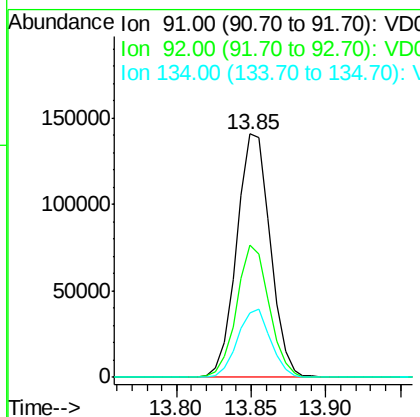
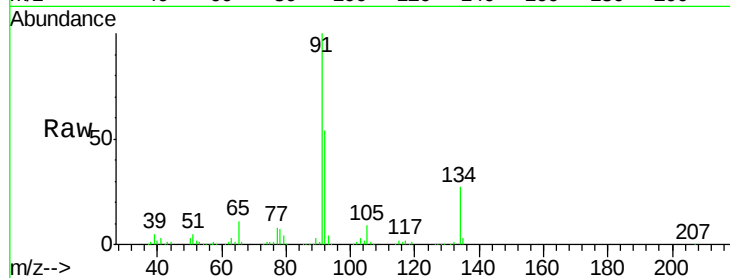




#89
n-Butylbenzene
Concen: 21.188 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

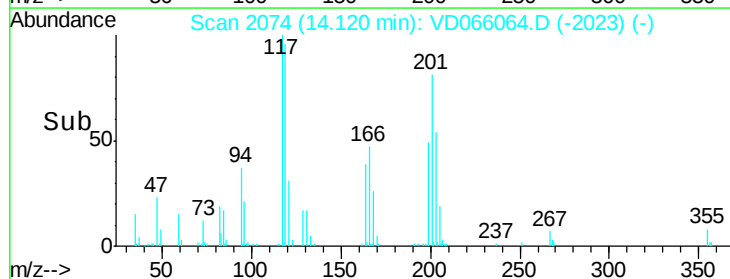
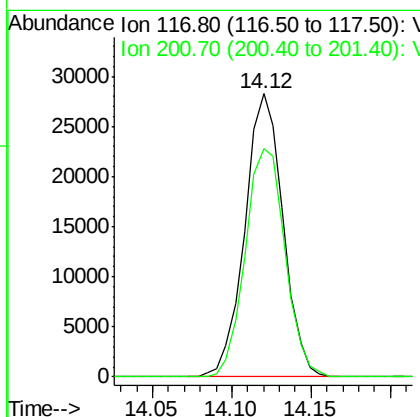
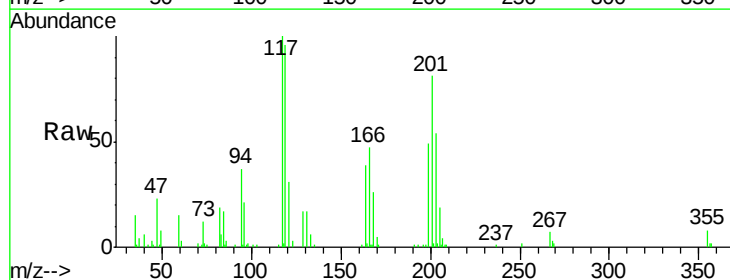
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

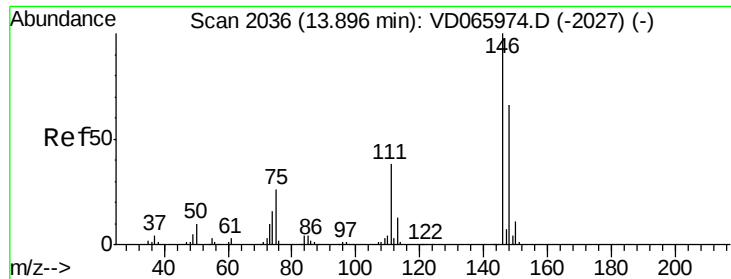
Tgt Ion: 91 Resp: 220164
Ion Ratio Lower Upper
91 100
92 52.6 27.2 81.6
134 27.5 13.8 41.4



#90
Hexachloroethane
Concen: 20.441 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion: 117 Resp: 47287
Ion Ratio Lower Upper
117 100
201 84.1 42.0 126.1

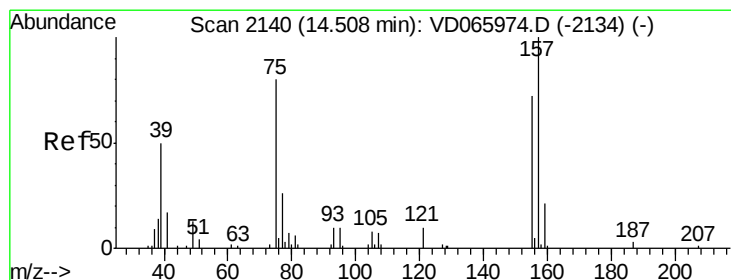
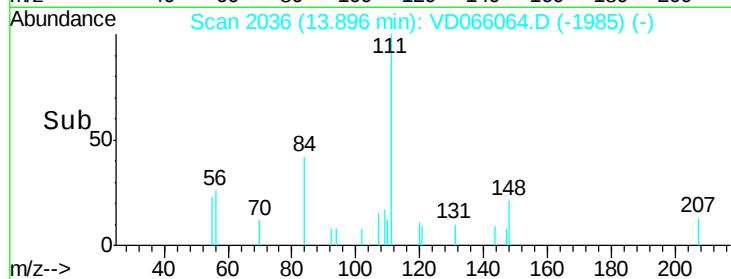
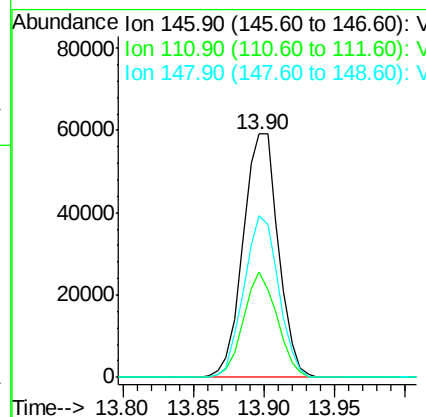
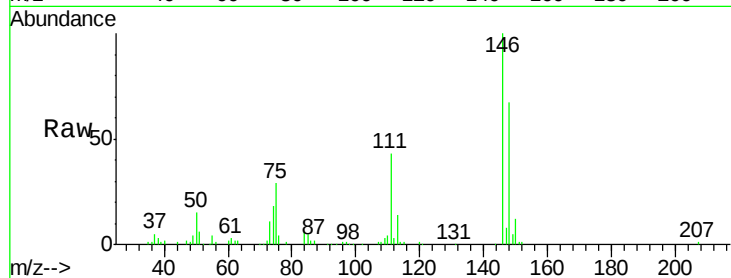




#91
 1,2-Dichlorobenzene
 Concen: 20.306 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

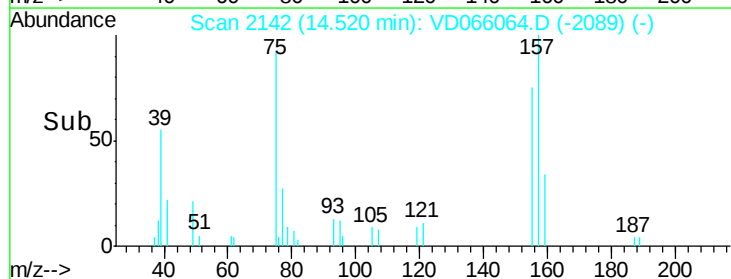
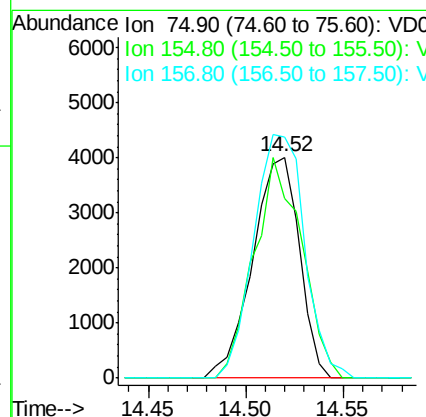
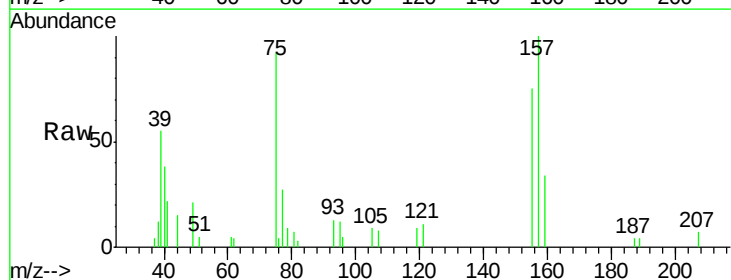
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

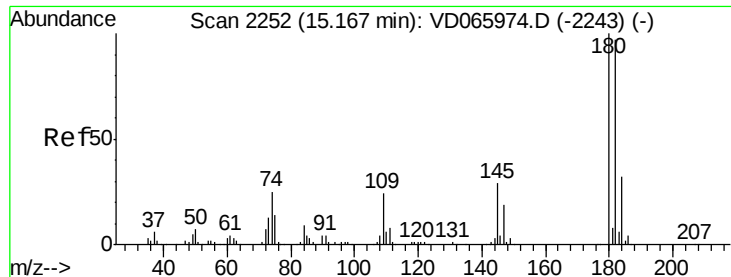
Tgt Ion:146 Resp: 103710
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.3 57.9
 148 65.4 32.7 98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.751 ug/l
 RT: 14.52 min Scan# 2142
 Delta R.T. 0.01 min
 Lab File: VD066064.D
 Acq: 27 Jul 2020 13:47

Tgt Ion: 75 Resp: 6645
 Ion Ratio Lower Upper
 75 100
 155 102.1 48.5 145.5
 157 120.1 64.7 194.1

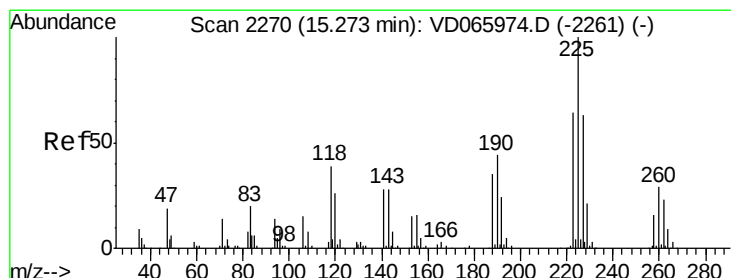
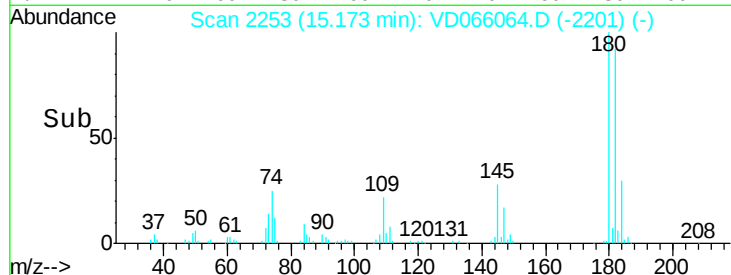
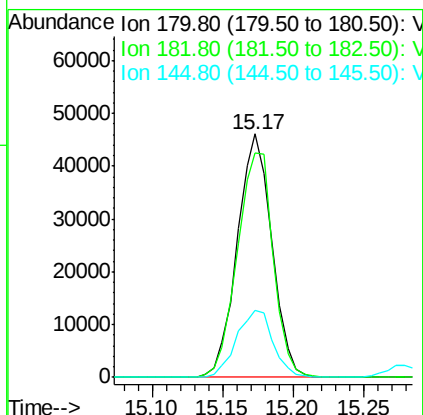
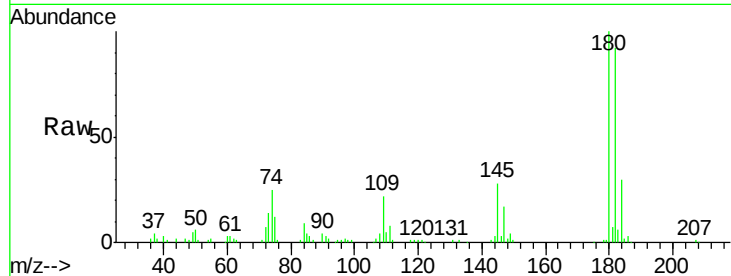




#93
1,2,4-Trichlorobenzene
Concen: 21.522 ug/l
RT: 15.17 min Scan# 2253
Delta R.T. 0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

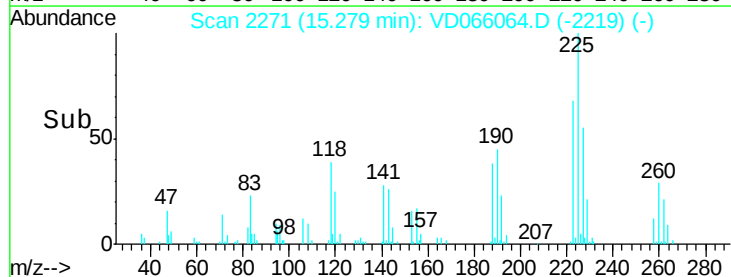
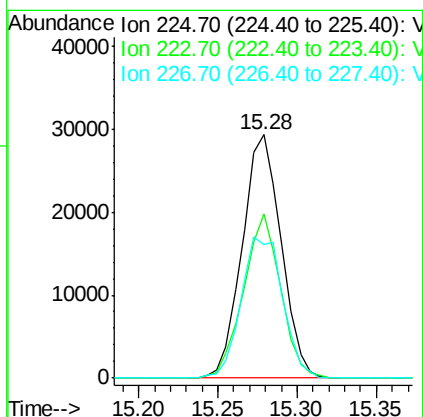
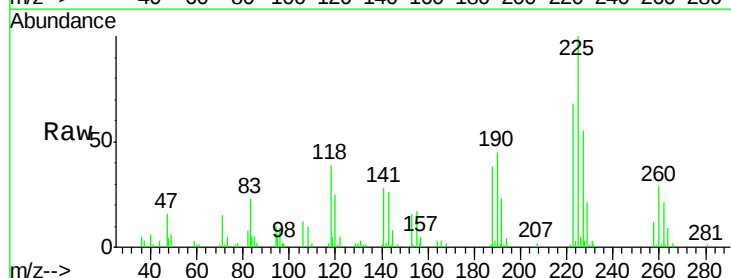
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

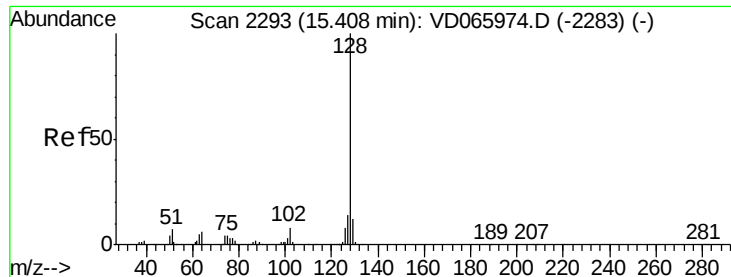
Tgt Ion:180 Resp: 78899
Ion Ratio Lower Upper
180 100
182 96.0 48.1 144.3
145 29.1 14.7 44.1



#94
Hexachlorobutadiene
Concen: 22.062 ug/l
RT: 15.28 min Scan# 2271
Delta R.T. 0.01 min
Lab File: VD066064.D
Acq: 27 Jul 2020 13:47

Tgt Ion:225 Resp: 50002
Ion Ratio Lower Upper
225 100
223 64.2 31.2 93.6
227 62.1 31.6 94.8





#95

Naphthalene

Concen: 20.777 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

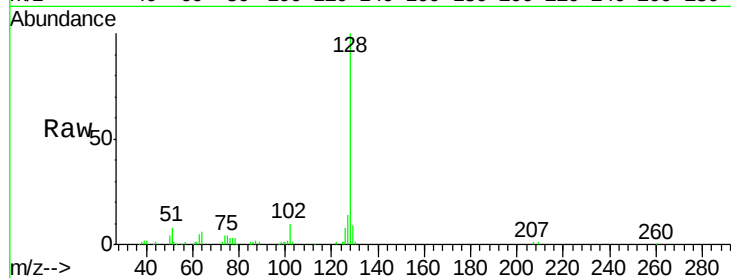
Tgt Ion:128 Resp: 120902

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

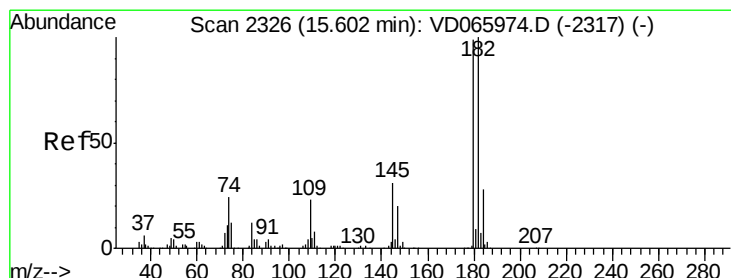
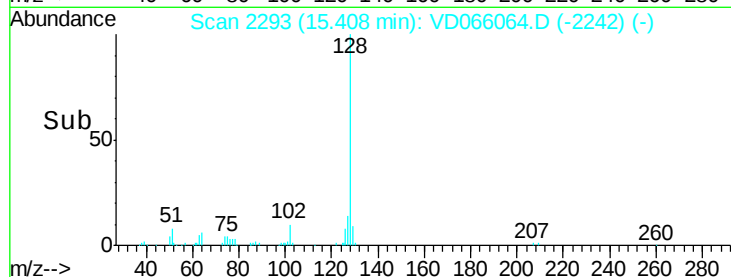
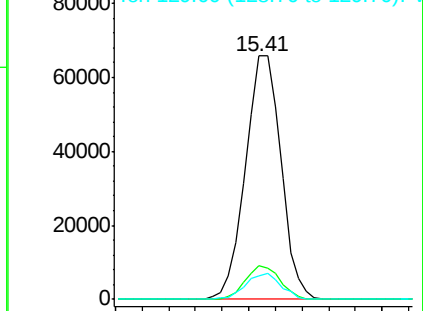
129 10.5 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.479 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066064.D

Acq: 27 Jul 2020 13:47

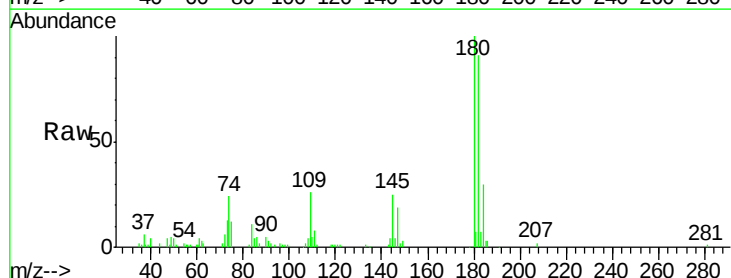
Tgt Ion:180 Resp: 68453

Ion Ratio Lower Upper

180 100

182 93.7 47.9 143.6

145 28.6 15.4 46.2



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

