

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
 Data File : VD066065.D
 Acq On : 27 Jul 2020 14:14
 Operator : VA/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Quant Time: Jul 27 17:49:56 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	276488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	381047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	355730	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193146	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	121239	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	
35) Dibromofluoromethane	7.92	113	125482	54.29	ug/l	0.00
Spiked Amount			Recovery	=	108.58%	
50) Toluene-d8	10.34	98	477841	55.50	ug/l	0.00
Spiked Amount			Recovery	=	111.00%	
62) 4-Bromofluorobenzene	12.64	95	165842	55.55	ug/l	0.00
Spiked Amount			Recovery	=	111.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	45881	21.866	ug/l	99
3) Chloromethane	2.21	50	35461	20.709	ug/l	96
4) Vinyl Chloride	2.35	62	34475	21.142	ug/l	97
5) Bromomethane	2.76	94	23448	17.151	ug/l	86
6) Chloroethane	2.93	64	20254	20.807	ug/l	94
7) Trichlorofluoromethane	3.27	101	88168	22.229	ug/l	94
8) Diethyl Ether	3.70	74	20427	18.632	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.09	101	51236	21.394	ug/l	99
10) Methyl Iodide	4.30	142	52475	26.680	ug/l	96
11) Tert butyl alcohol	5.21	59	25176	169.094	ug/l #	96
12) 1,1-Dichloroethene	4.07	96	46869	20.502	ug/l	87
13) Acrolein	3.93	56	14163	74.720	ug/l	94
14) Allyl chloride	4.71	41	68477	19.163	ug/l	95
15) Acrylonitrile	5.42	53	44192	94.353	ug/l	98
16) Acetone	4.16	43	43135	94.723	ug/l	97
17) Carbon Disulfide	4.41	76	143221	19.314	ug/l	98
18) Methyl Acetate	4.71	43	19521	18.427	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	95395	20.310	ug/l	99
20) Methylene Chloride	4.97	84	64586	24.115	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	51855	20.070	ug/l	93
22) Diisopropyl ether	6.36	45	130542	19.229	ug/l	96
23) Vinyl Acetate	6.30	43	371530	97.037	ug/l	95
24) 1,1-Dichloroethane	6.27	63	83148	20.213	ug/l	98
25) 2-Butanone	7.21	43	55579	91.979	ug/l	99
26) 2,2-Dichloropropane	7.21	77	81549	22.046	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	55925	20.444	ug/l	99
28) Bromochloromethane	7.54	49	34216	19.598	ug/l	90
29) Tetrahydrofuran	7.57	42	35989	96.530	ug/l	99
30) Chloroform	7.71	83	88990	20.682	ug/l	92
31) Cyclohexane	7.98	56	78433	19.381	ug/l #	92
32) 1,1,1-Trichloroethane	7.90	97	89861	22.577	ug/l	98
36) 1,1-Dichloropropene	8.11	75	70077	21.549	ug/l	98
37) Ethyl Acetate	7.30	43	23188	18.670	ug/l	94
38) Carbon Tetrachloride	8.10	117	84962	24.078	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
 Data File : VD066065.D
 Acq On : 27 Jul 2020 14:14
 Operator : VA/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0727SBS01

Quant Time: Jul 27 17:49:56 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)
39) Methylcyclohexane	9.36	83	84202	21.381	ug/l	95
40) Benzene	8.36	78	191216	21.017	ug/l	99
41) Methacrylonitrile	7.55	41	34411	48.366	ug/l #	100
42) 1,2-Dichloroethane	8.43	62	54092	21.697	ug/l	98
43) Isopropyl Acetate	8.46	43	49684	20.482	ug/l	97
44) Trichloroethene	9.11	130	59549	21.629	ug/l	95
45) 1,2-Dichloropropane	9.39	63	45420	20.613	ug/l	93
46) Dibromomethane	9.48	93	26778	22.574	ug/l	96
47) Bromodichloromethane	9.66	83	68384	21.803	ug/l	98
48) Methyl methacrylate	9.46	41	25917	21.181	ug/l	97
49) 1,4-Dioxane	9.47	88	5633	409.885	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	121404	99.331	ug/l	98
52) Toluene	10.41	92	131549	22.171	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	67002	22.930	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	77577	21.902	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	36510	21.702	ug/l	96
56) Ethyl methacrylate	10.67	69	41845	21.393	ug/l	97
57) 1,3-Dichloropropane	10.95	76	60617	21.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	109573	117.268	ug/l	97
59) 2-Hexanone	10.99	43	89278	105.407	ug/l	100
60) Dibromochloromethane	11.14	129	53300	23.498	ug/l	99
61) 1,2-Dibromoethane	11.25	107	35563	21.924	ug/l	100
64) Tetrachloroethene	10.88	164	54946	22.757	ug/l	92
65) Chlorobenzene	11.67	112	148647	22.822	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	55200	22.953	ug/l	100
67) Ethyl Benzene	11.75	91	257296	22.955	ug/l	93
68) m/p-Xylenes	11.86	106	194040	45.040	ug/l	95
69) o-Xylene	12.18	106	91103	23.250	ug/l	99
70) Styrene	12.20	104	158515	23.545	ug/l	99
71) Bromoform	12.37	173	32506	23.075	ug/l #	97
73) Isopropylbenzene	12.48	105	251073	21.483	ug/l	100
74) N-amyl acetate	12.30	43	47246	19.497	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	39063	20.224	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	50761	34.904	ug/l #	100
77) Bromobenzene	12.77	156	62531	20.935	ug/l	96
78) n-propylbenzene	12.83	91	296150	21.837	ug/l	100
79) 2-Chlorotoluene	12.91	91	165537	21.365	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	213376	22.222	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12660	19.976	ug/l	96
82) 4-Chlorotoluene	13.01	91	175941	21.514	ug/l	100
83) tert-Butylbenzene	13.23	119	182109	21.674	ug/l	96
84) 1,2,4-Trimethylbenzene	13.28	105	212365	22.418	ug/l	99
85) sec-Butylbenzene	13.41	105	256894	22.197	ug/l	100
86) p-Isopropyltoluene	13.53	119	245086	23.310	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	124137	22.385	ug/l	97
88) 1,4-Dichlorobenzene	13.60	146	122515	21.854	ug/l	100
89) n-Butylbenzene	13.86	91	221902	22.697	ug/l	97
90) Hexachloroethane	14.12	117	45630	20.964	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	108650	22.610	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.52	75	6862	21.677	ug/l	98

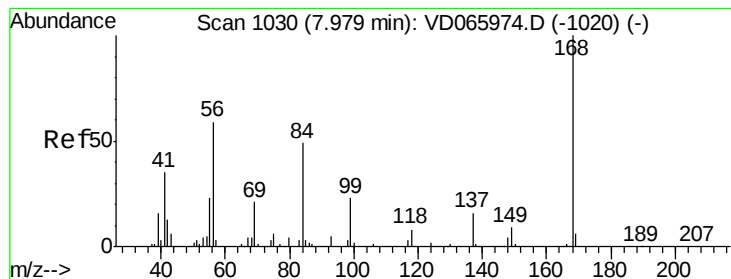
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD072720\
Data File : VD066065.D
Acq On : 27 Jul 2020 14:14
Operator : VA/SY
Sample : VD0727SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

Quant Time: Jul 27 17:49:56 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	15.17	180	76897	22.294	ug/l	97
94) Hexachlorobutadiene	15.28	225	48503	22.745	ug/l	99
95) Naphthalene	15.41	128	122252	22.064	ug/l	98
96) 1,2,3-Trichlorobenzene	15.61	180	67795	22.609	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

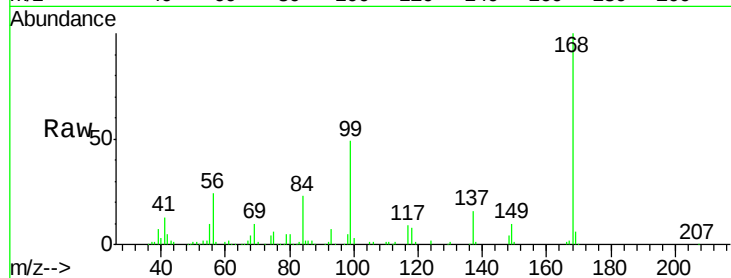
VD0727SBS01

Tgt Ion:168 Resp: 276488

Ion Ratio Lower Upper

168 100

99 48.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

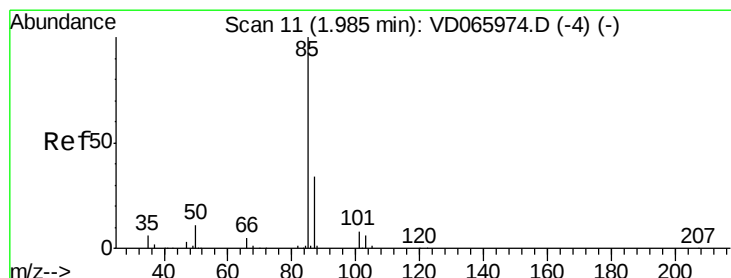
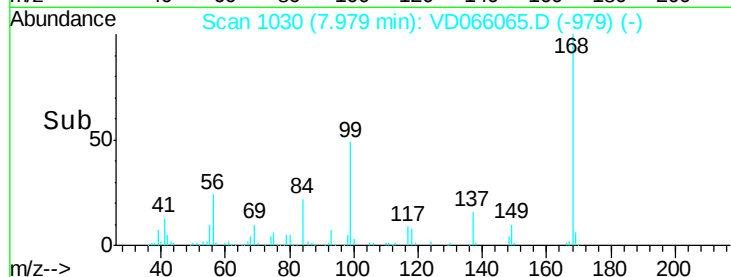
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#2

Dichlorodifluoromethane

Concen: 21.866 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066065.D

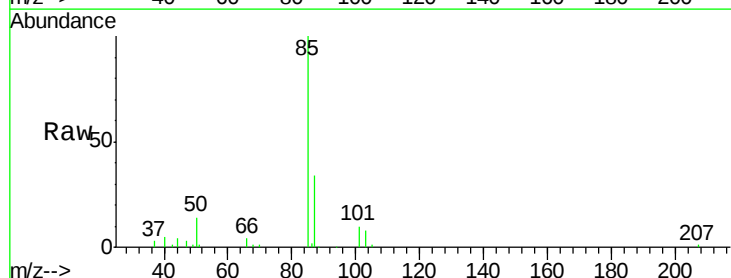
Acq: 27 Jul 2020 14:14

Tgt Ion: 85 Resp: 45881

Ion Ratio Lower Upper

85 100

87 33.9 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

40000

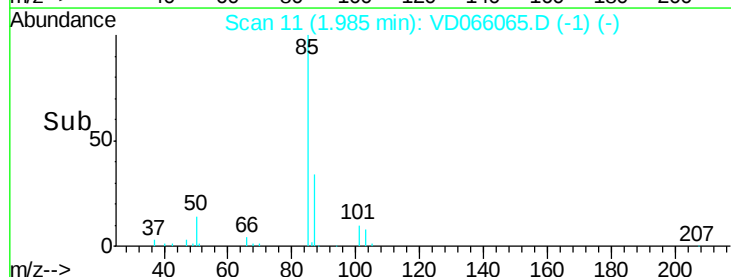
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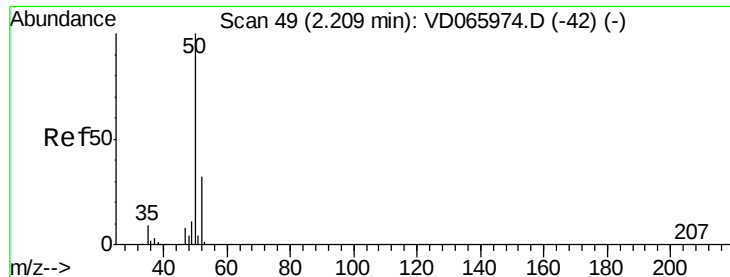
20000

10000

0

Time--> 1.90 1.95 2.00 2.05





#3

Chloromethane

Concen: 20.709 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

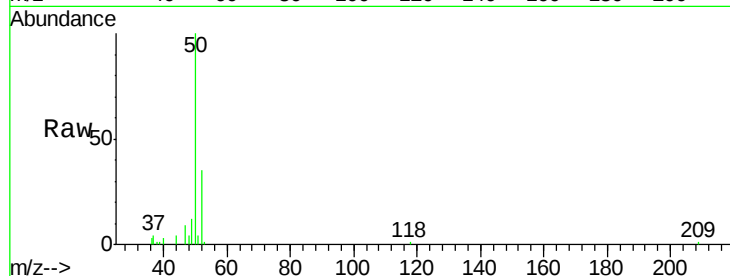
VD0727SBS01

Tgt Ion: 50 Resp: 35461

Ion Ratio Lower Upper

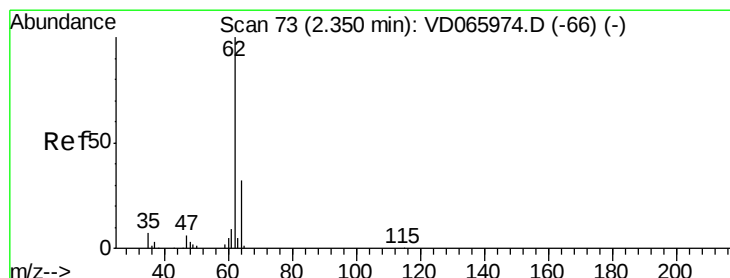
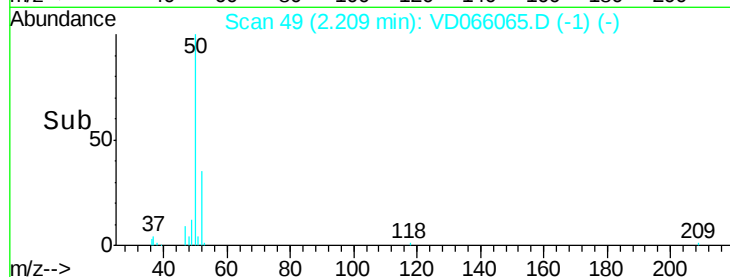
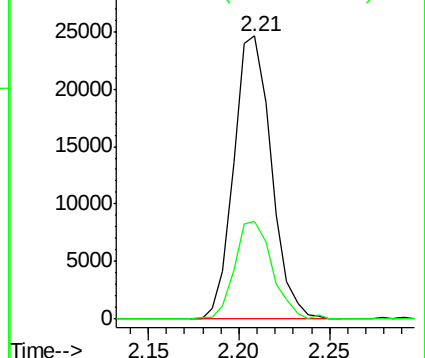
50 100

52 34.7 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.142 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066065.D

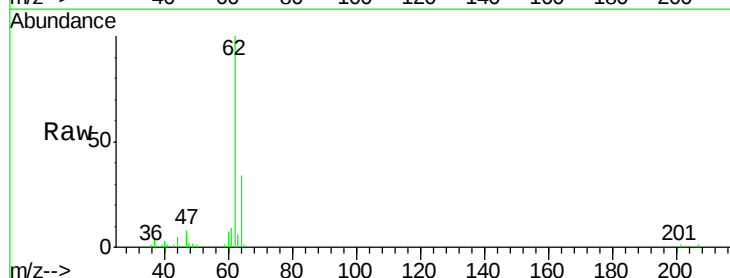
Acq: 27 Jul 2020 14:14

Tgt Ion: 62 Resp: 34475

Ion Ratio Lower Upper

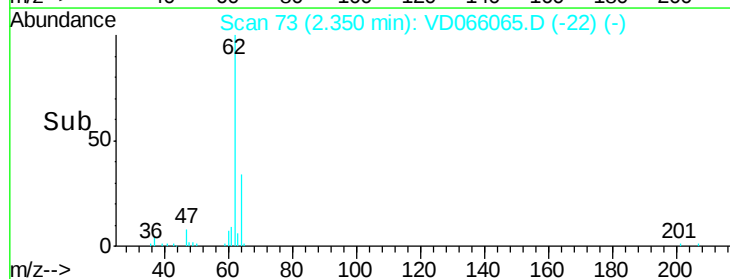
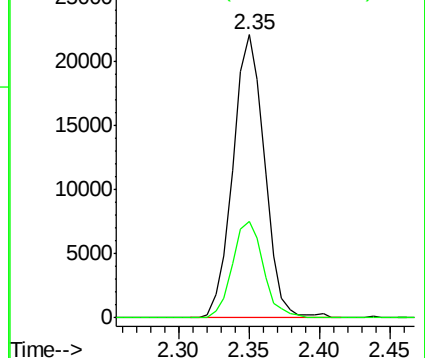
62 100

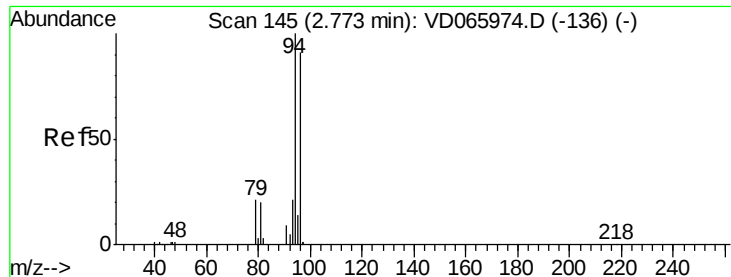
64 33.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 17.151 ug/l

RT: 2.76 min Scan# 143

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

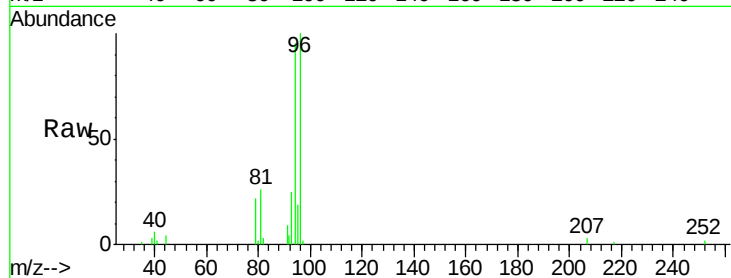
VD0727SBS01

Tgt Ion: 94 Resp: 23448

Ion Ratio Lower Upper

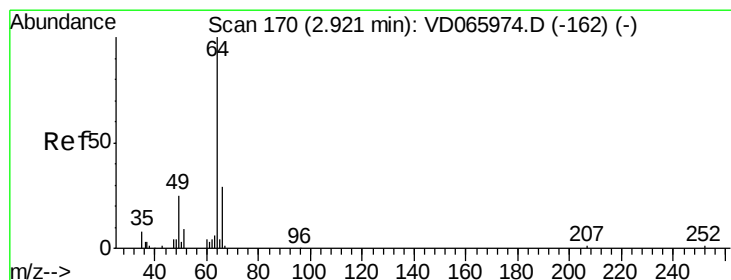
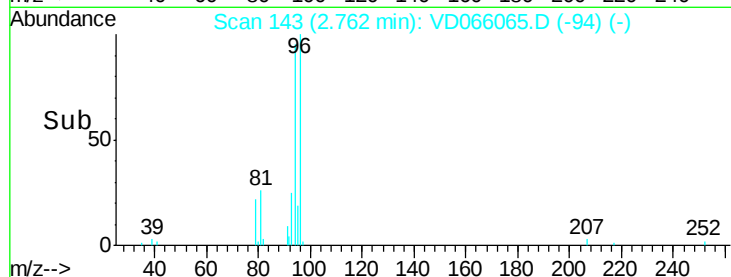
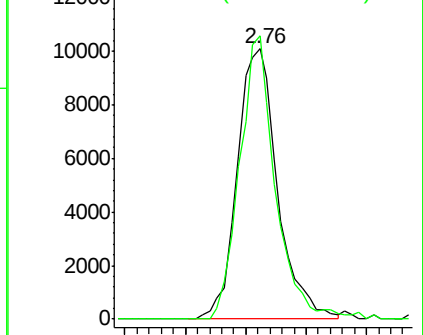
94 100

96 104.7 73.0 109.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 20.807 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD066065.D

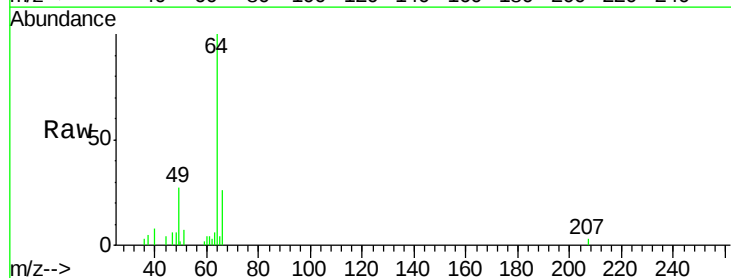
Acq: 27 Jul 2020 14:14

Tgt Ion: 64 Resp: 20254

Ion Ratio Lower Upper

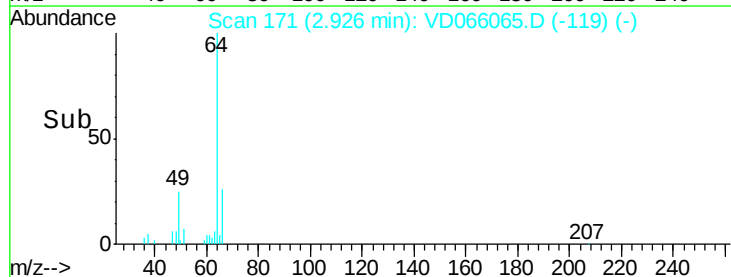
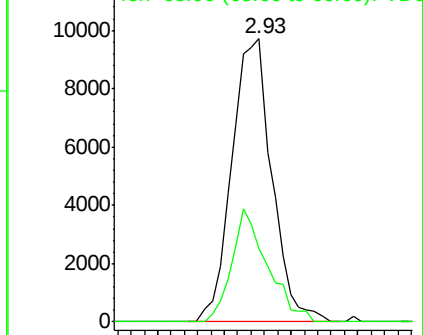
64 100

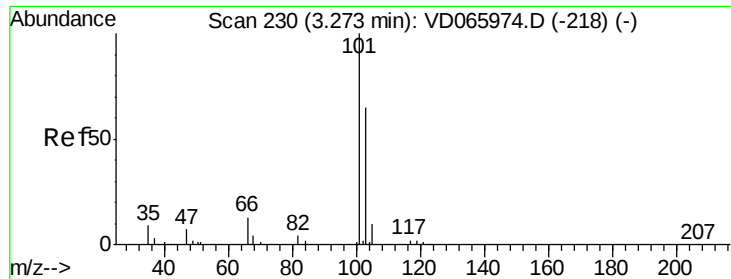
66 25.9 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



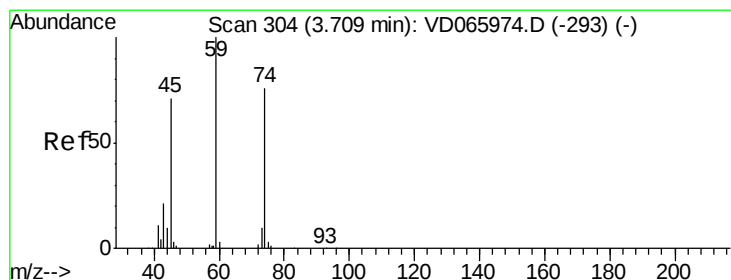
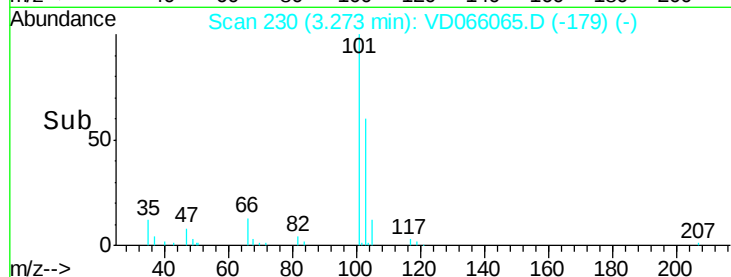
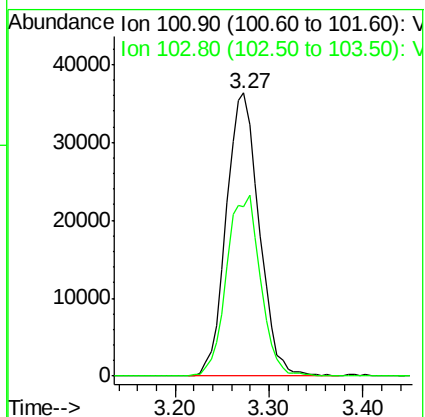
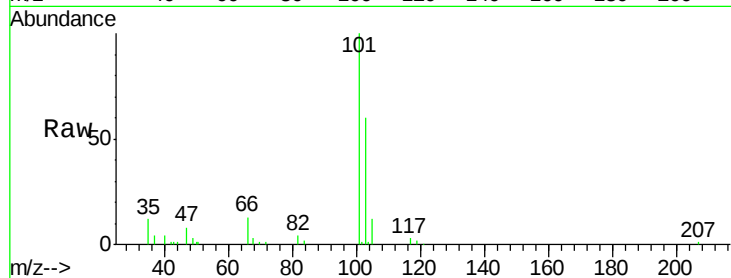


#7

Trichlorofluoromethane
 Concen: 22.229 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

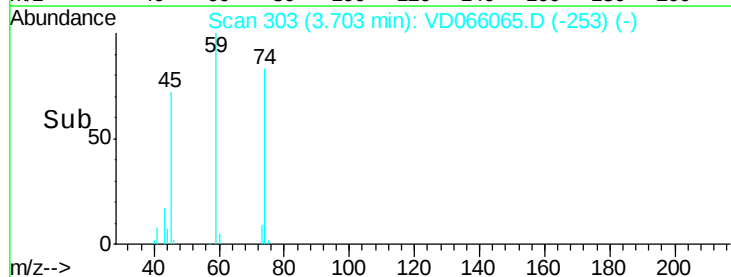
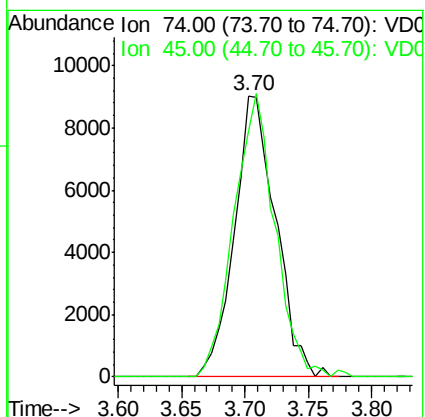
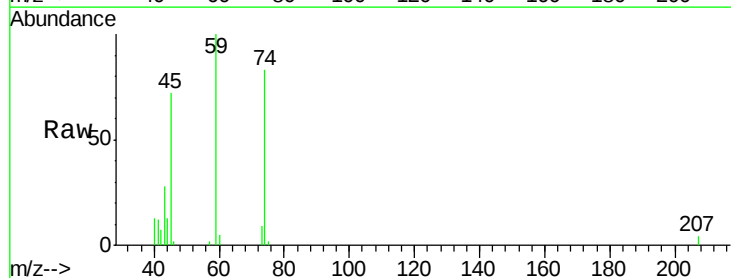
Tgt Ion:101 Resp: 88168
 Ion Ratio Lower Upper
 101 100
 103 60.0 52.1 78.1

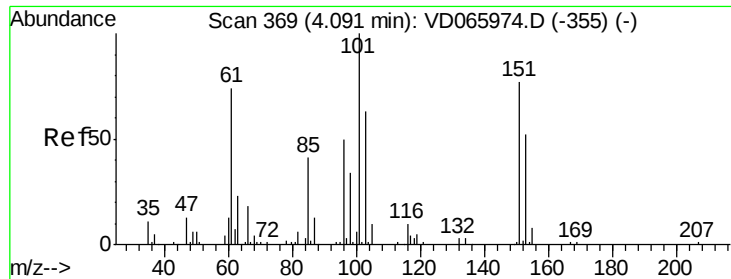


#8

Diethyl Ether
 Concen: 18.632 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 74 Resp: 20427
 Ion Ratio Lower Upper
 74 100
 45 99.9 49.9 149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.394 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBSD01

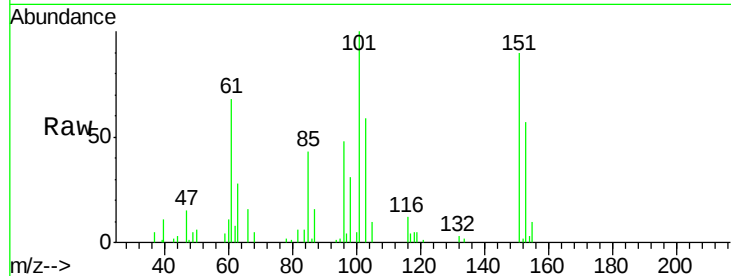
Tgt Ion:101 Resp: 51236

Ion Ratio Lower Upper

101 100

85 42.6 33.6 50.4

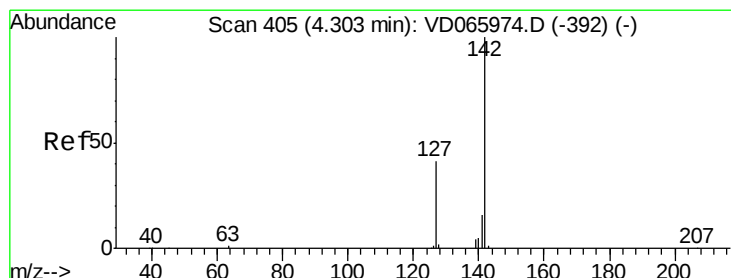
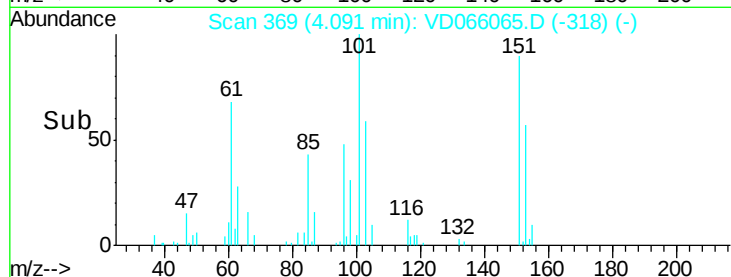
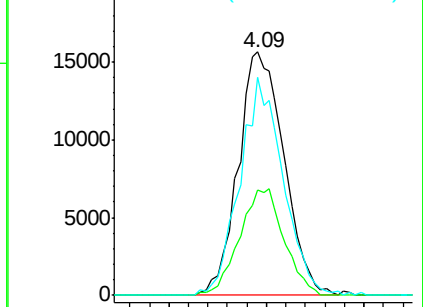
151 84.7 66.6 99.8



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: 26.680 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

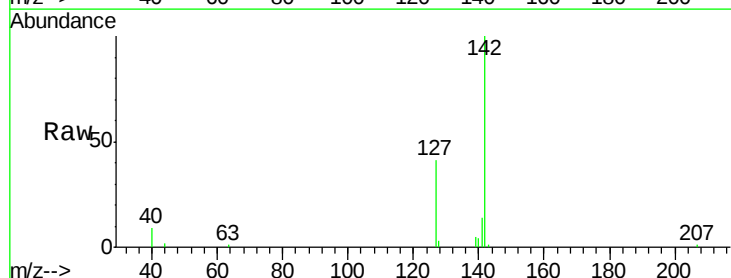
Tgt Ion:142 Resp: 52475

Ion Ratio Lower Upper

142 100

127 44.5 32.9 49.3

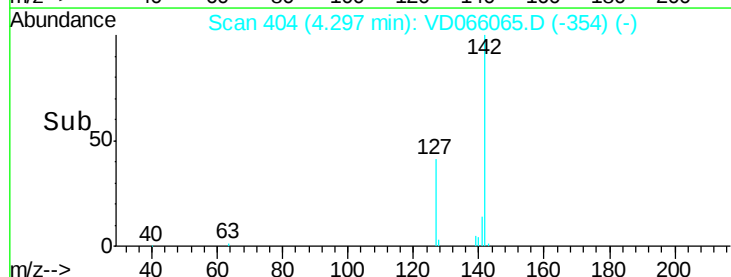
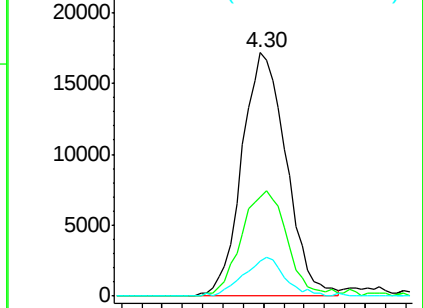
141 14.7 11.8 17.6

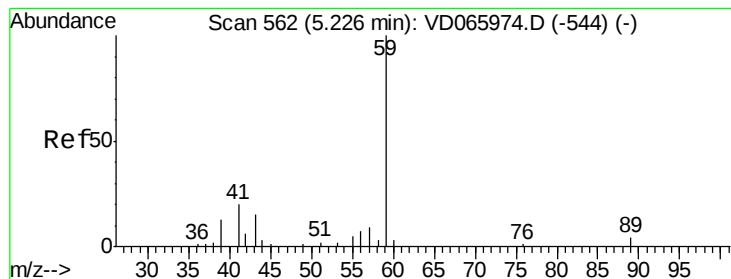


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



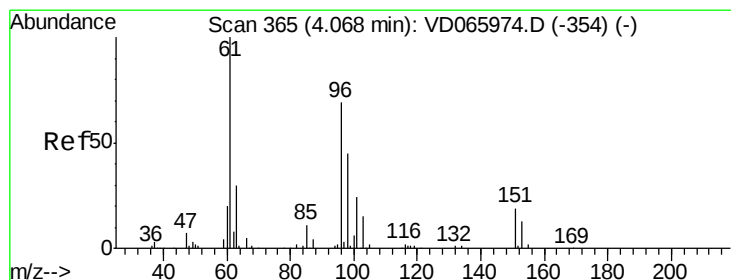
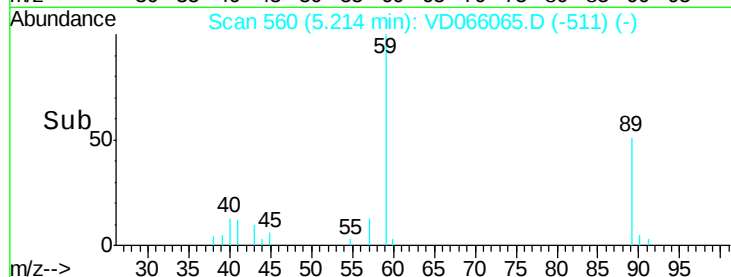
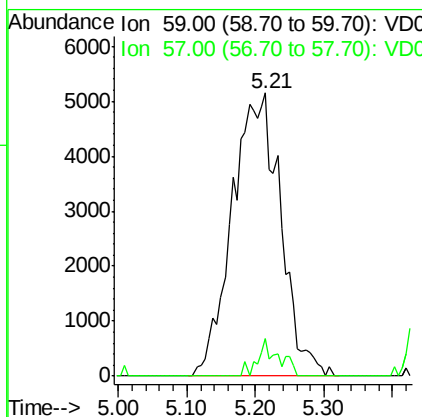
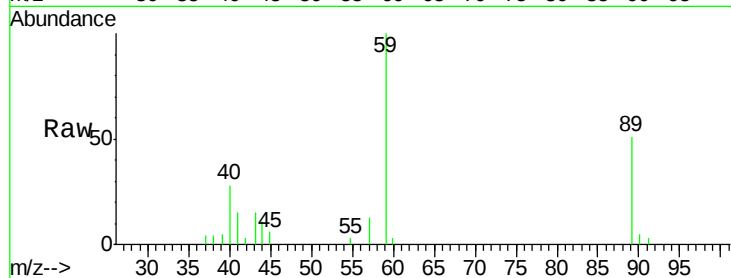


#11

Tert butyl alcohol
 Concen: 169.094 ug/l
 RT: 5.21 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

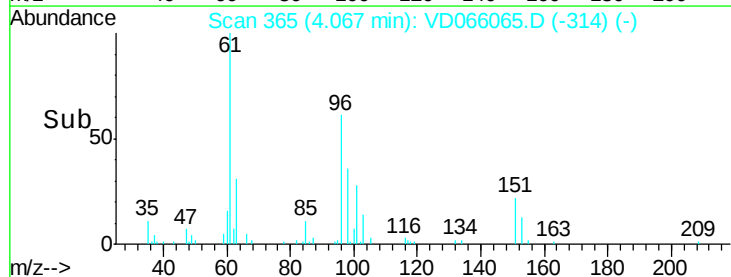
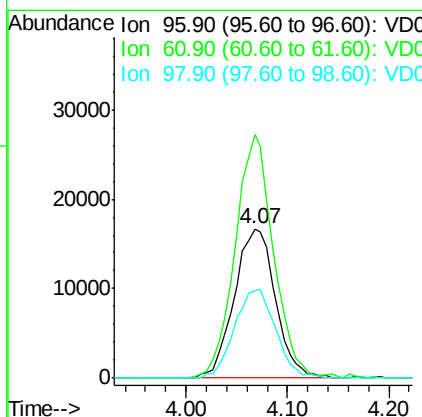
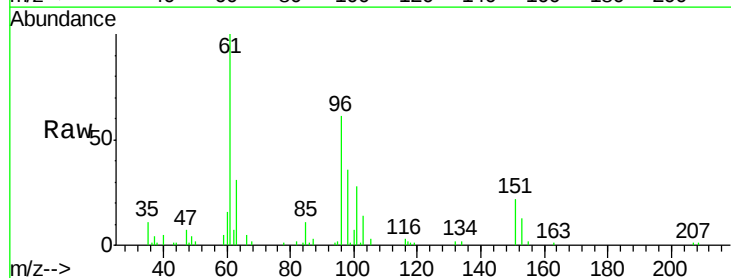
Tgt Ion: 59 Resp: 25176
 Ion Ratio Lower Upper
 59 100
 57 4.4 4.5 6.7#

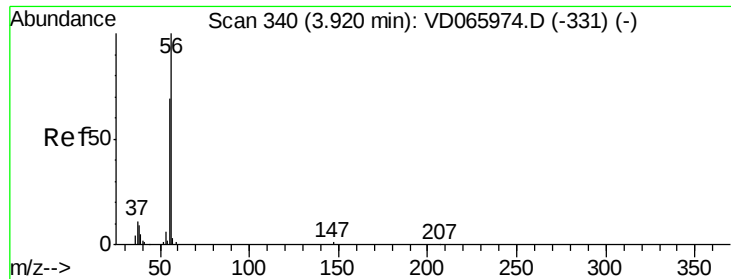


#12

1,1-Dichloroethene
 Concen: 20.502 ug/l
 RT: 4.07 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 96 Resp: 46869
 Ion Ratio Lower Upper
 96 100
 61 163.0 115.4 173.0
 98 58.7 51.5 77.3





#13

Acrolein

Concen: 74.720 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

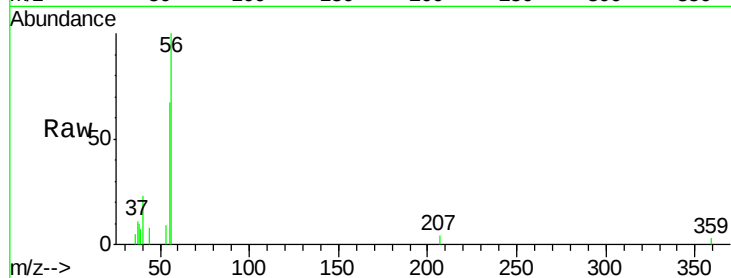
VD0727SBS01

Tgt Ion: 56 Resp: 14163

Ion Ratio Lower Upper

56 100

55 75.1 55.8 83.8

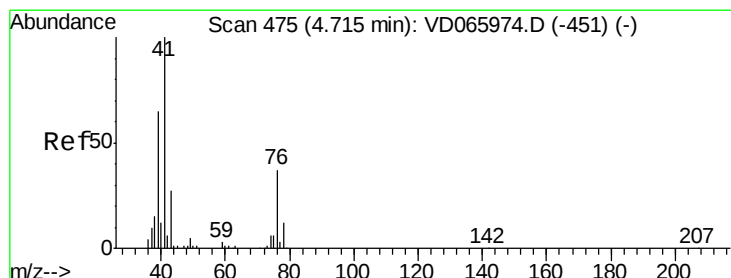
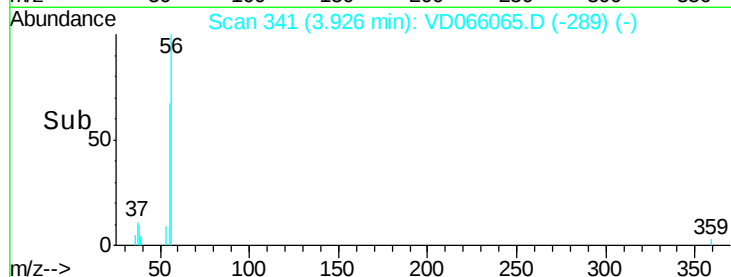


Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.93

Time-->



#14

Allyl chloride

Concen: 19.163 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

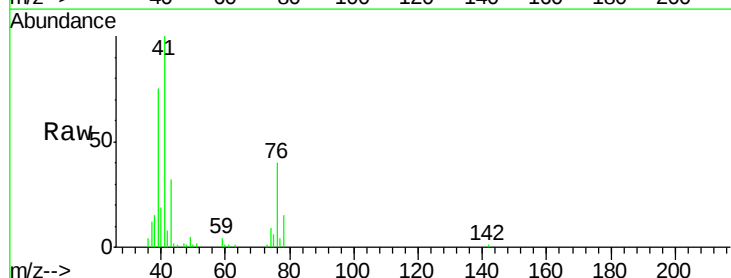
Tgt Ion: 41 Resp: 68477

Ion Ratio Lower Upper

41 100

39 71.8 53.4 80.2

76 38.8 29.1 43.7



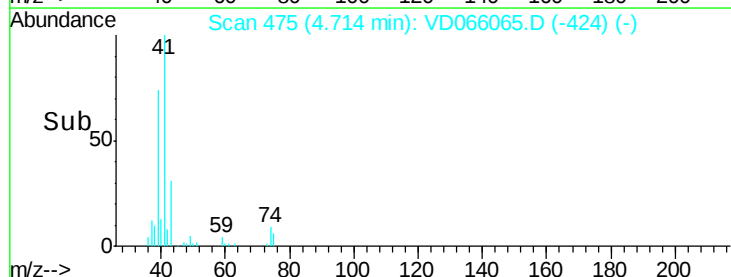
Abundance Ion 41.00 (40.70 to 41.70): VDC

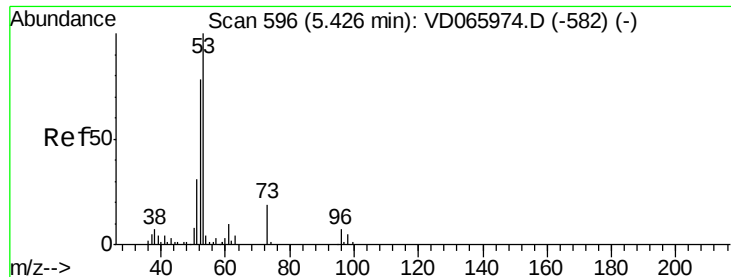
Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC

4.71

Time-->





#15

Acrylonitrile

Concen: 94.353 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

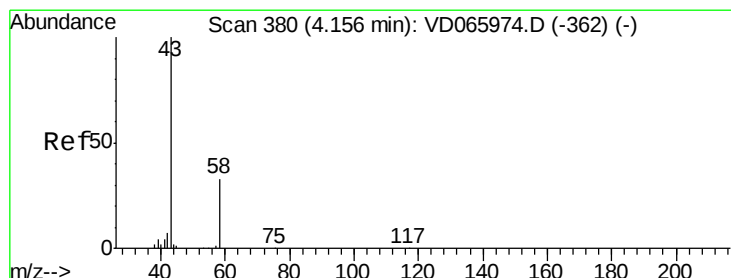
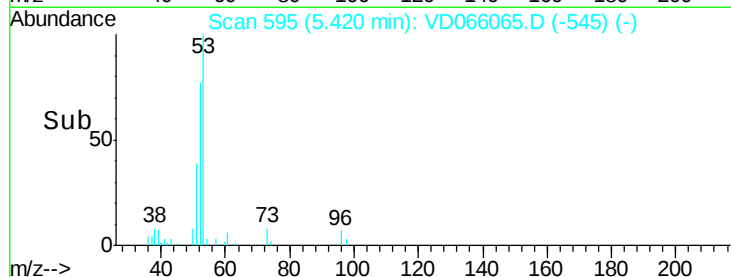
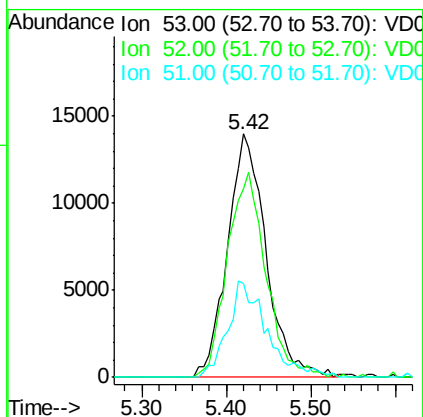
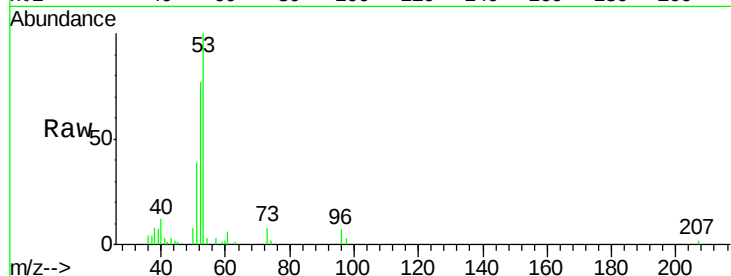
Tgt Ion: 53 Resp: 44192

Ion Ratio Lower Upper

53 100

52 84.2 67.1 100.7

51 38.6 28.7 43.1



#16

Acetone

Concen: 94.723 ug/l

RT: 4.16 min Scan# 380

Delta R.T. -0.00 min

Lab File: VD066065.D

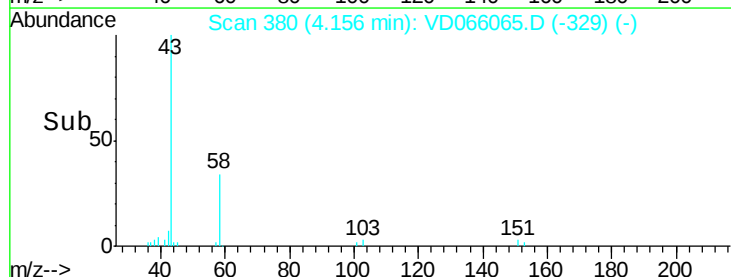
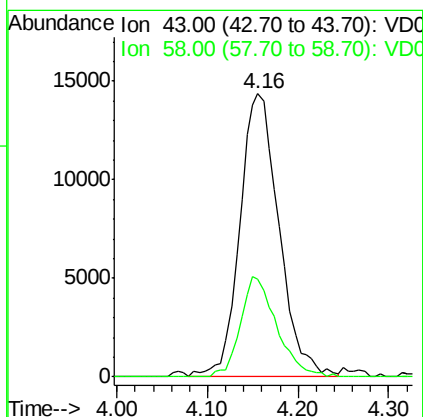
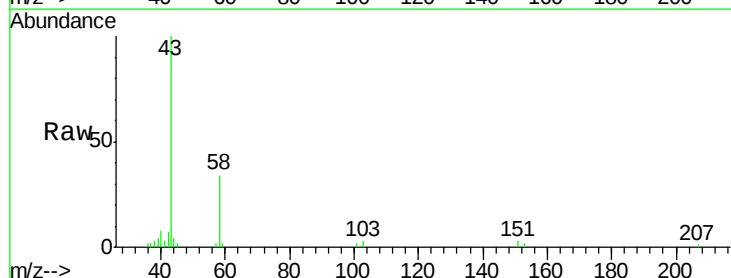
Acq: 27 Jul 2020 14:14

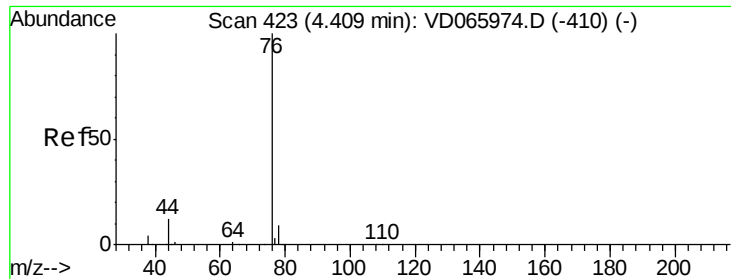
Tgt Ion: 43 Resp: 43135

Ion Ratio Lower Upper

43 100

58 34.4 26.3 39.5

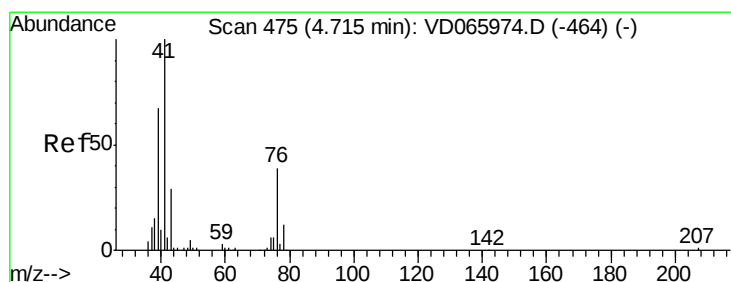
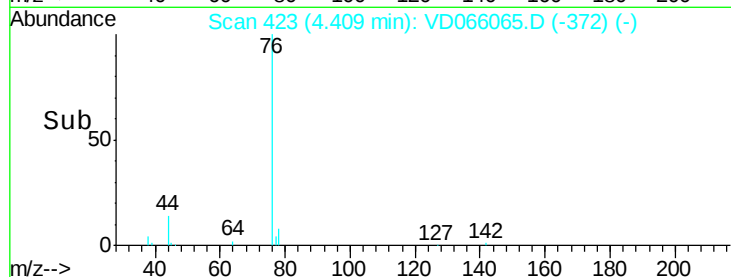
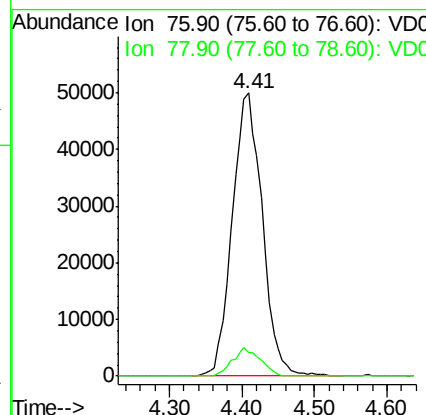
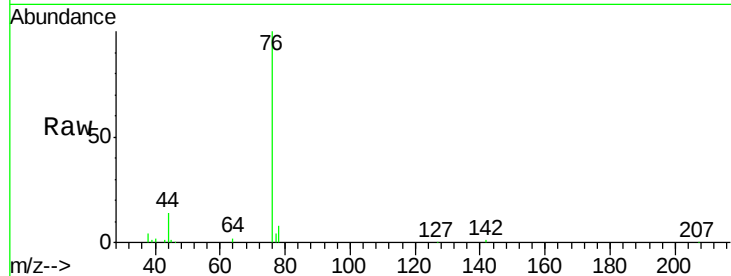




#17
Carbon Disulfide
Concen: 19.314 ug/l
RT: 4.41 min Scan# 423
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

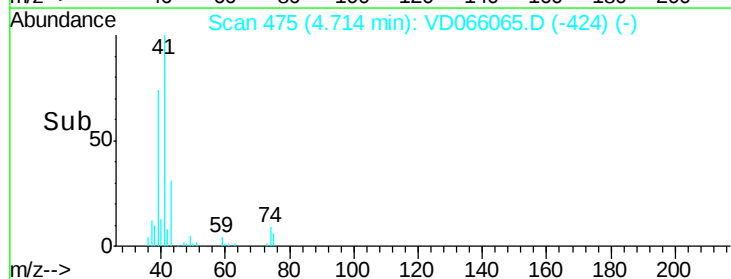
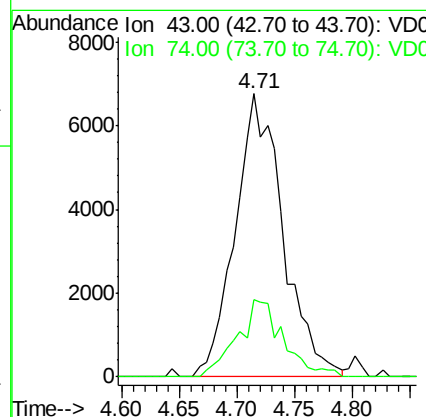
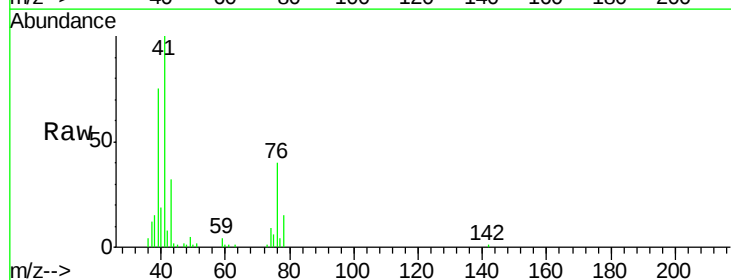
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

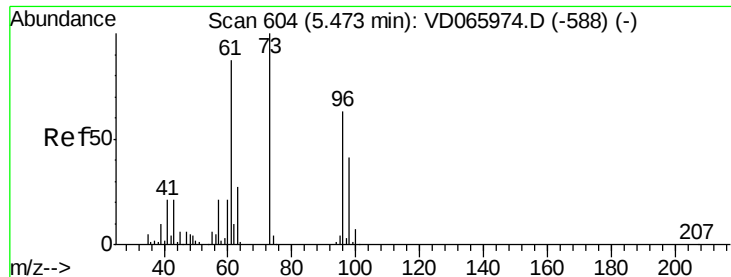
Tgt Ion: 76 Resp: 143221
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2



#18
Methyl Acetate
Concen: 18.427 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 43 Resp: 19521
Ion Ratio Lower Upper
43 100
74 26.2 19.2 28.8

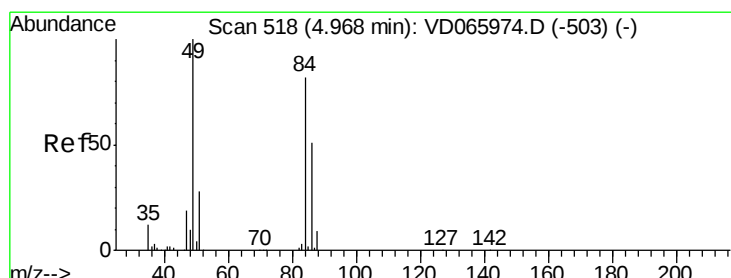
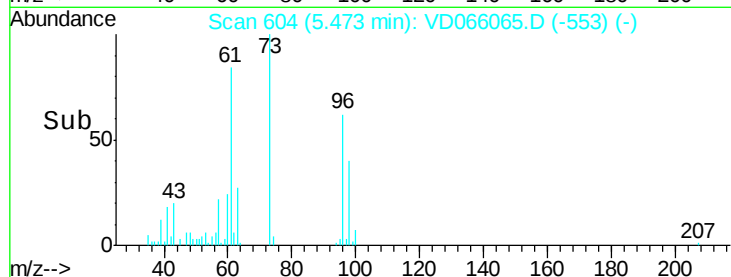
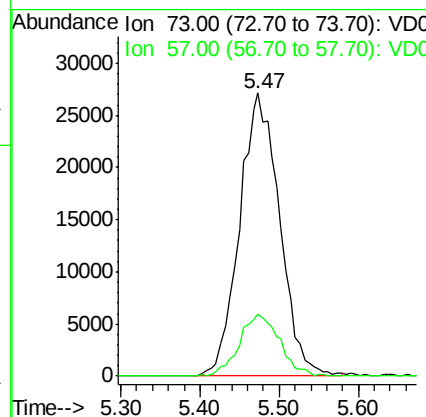
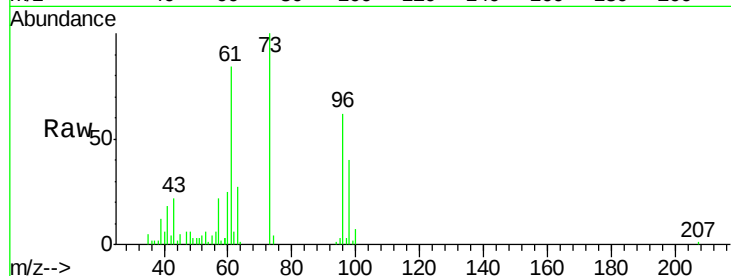




#19
Methyl tert-butyl Ether
Concen: 20.310 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

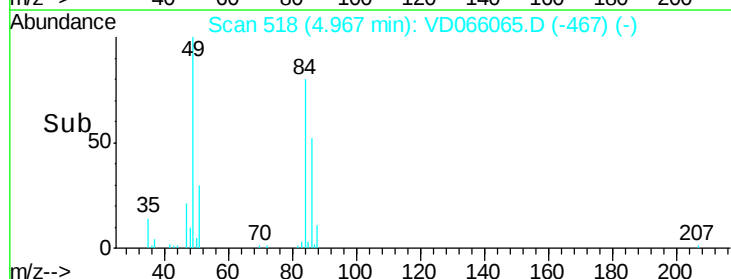
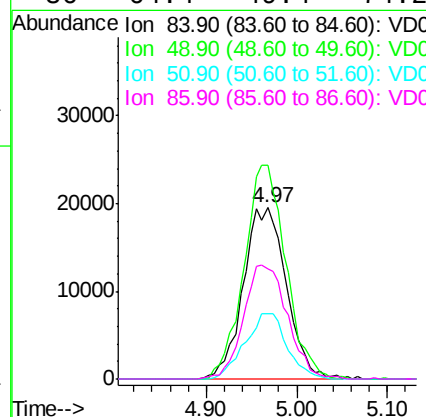
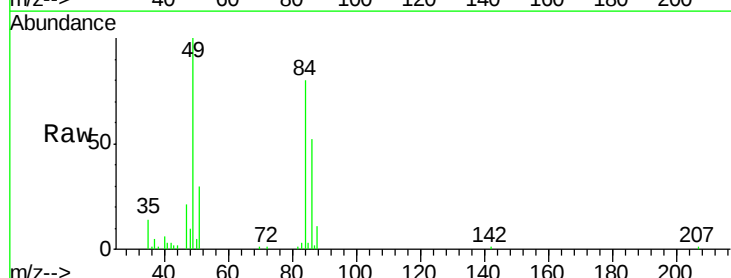
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

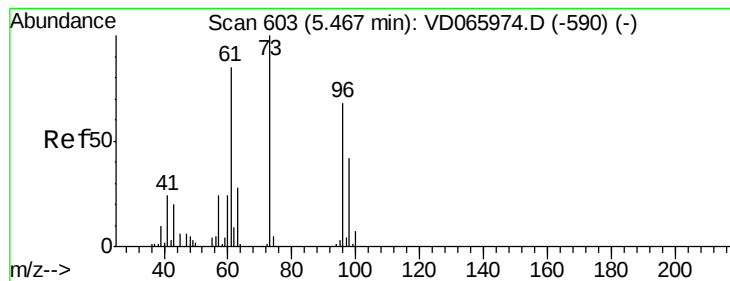
Tgt Ion: 73 Resp: 95395
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4



#20
Methylene Chloride
Concen: 24.115 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 84 Resp: 64586
Ion Ratio Lower Upper
84 100
49 124.7 97.7 146.5
51 37.9 27.4 41.2
86 64.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 20.070 ug/l

RT: 5.47 min Scan# 604

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBSD01

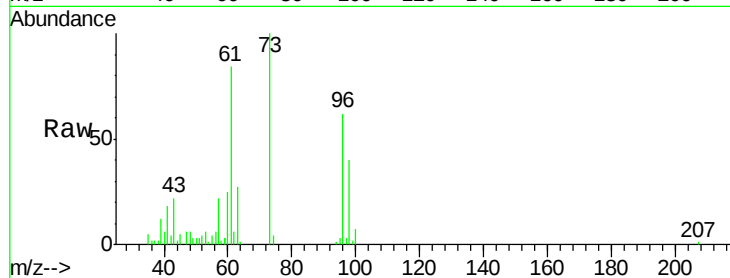
Tgt Ion: 96 Resp: 51855

Ion Ratio Lower Upper

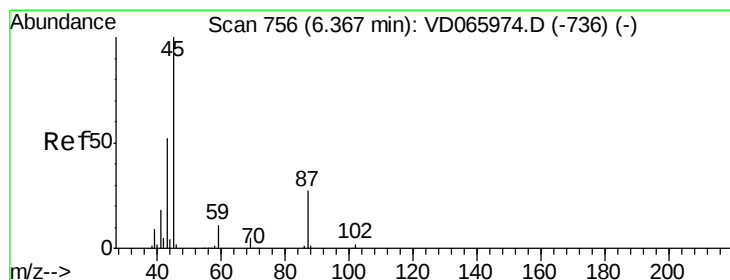
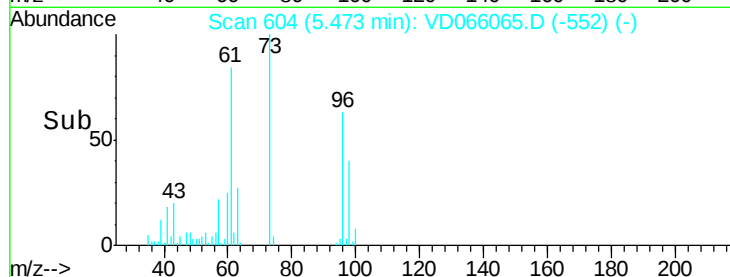
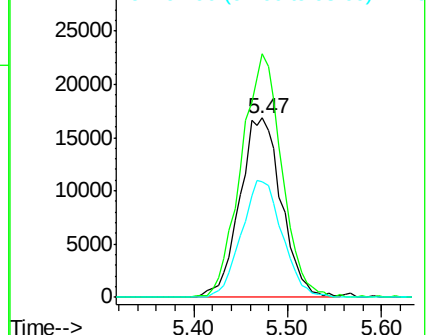
96 100

61 135.8 100.5 150.7

98 64.1 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: 19.229 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion: 45 Resp: 130542

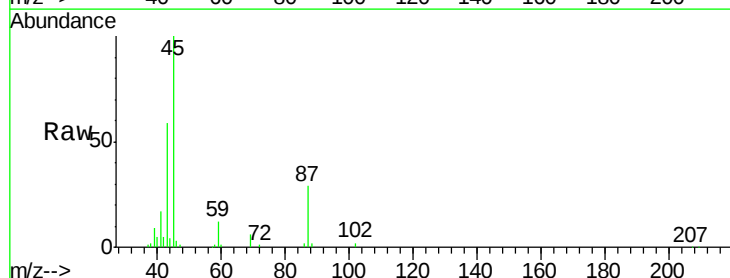
Ion Ratio Lower Upper

45 100

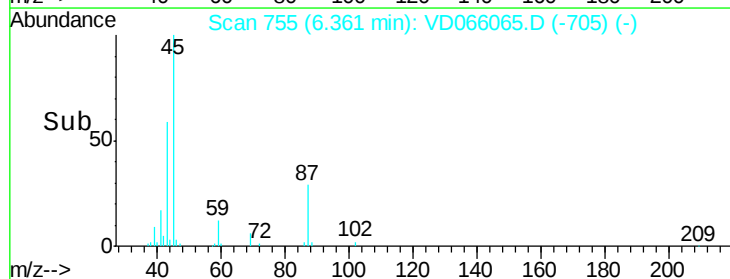
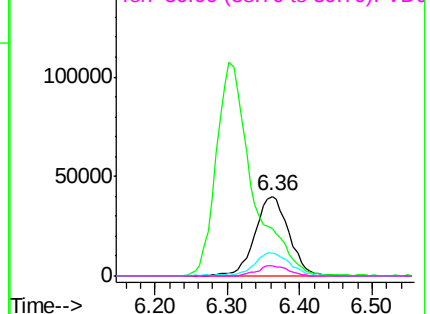
43 57.4 43.0 64.4

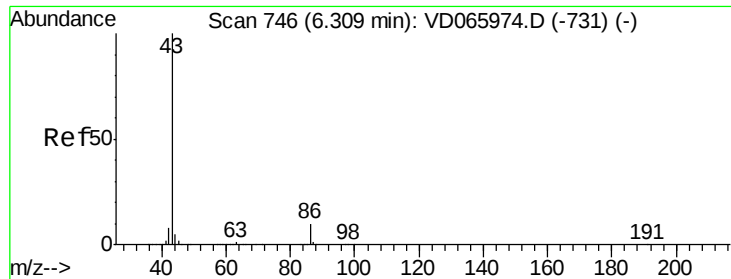
87 29.2 22.0 33.0

59 12.3 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

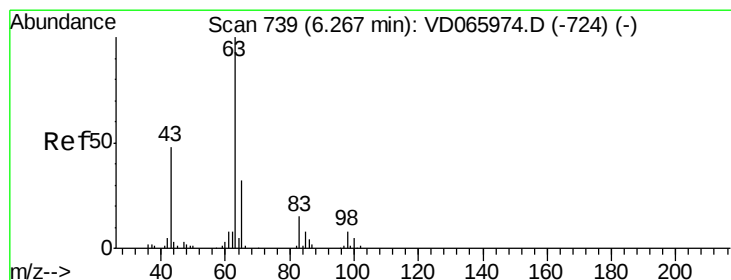
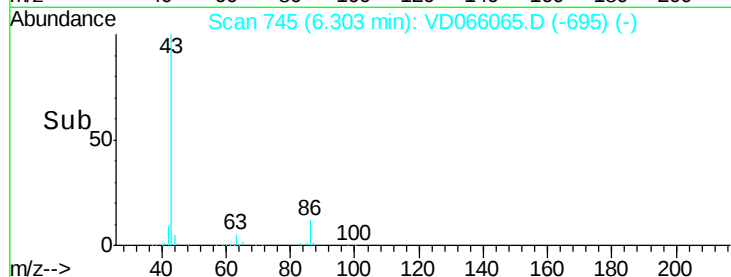
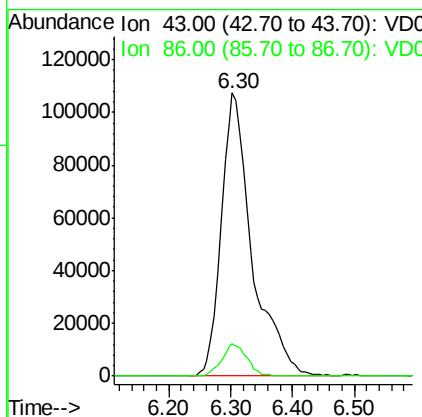
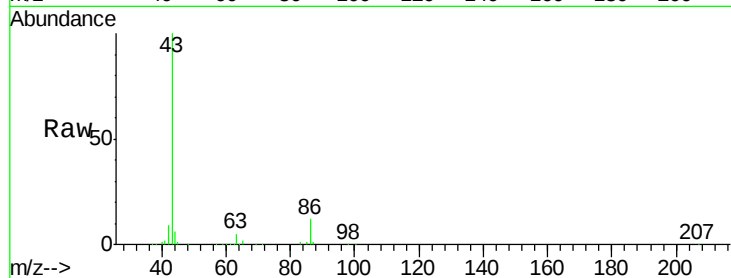




#23
 Vinyl Acetate
 Concen: 97.037 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

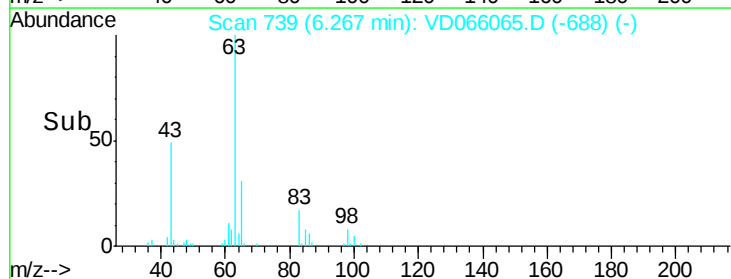
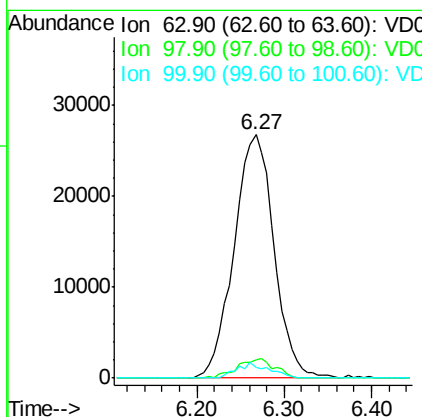
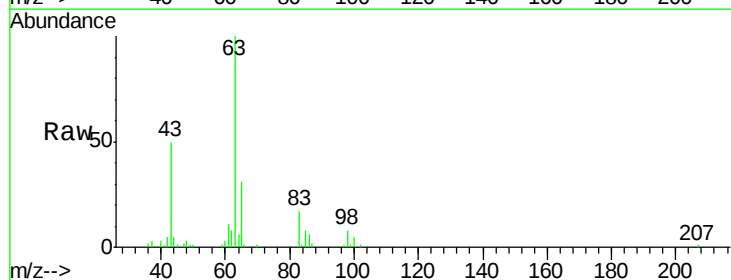
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

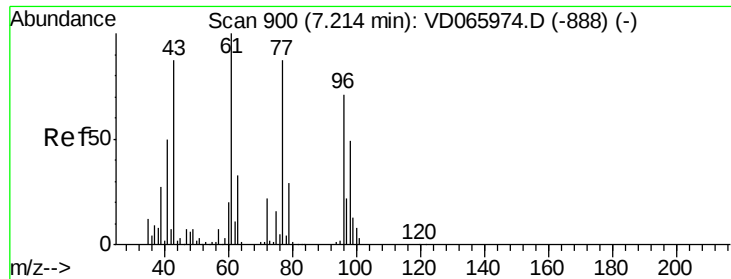
Tgt Ion: 43 Resp: 371530
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 20.213 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 63 Resp: 83148
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.3 12.8
 100 4.6 2.5 7.5





#25

2-Butanone

Concen: 91.979 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

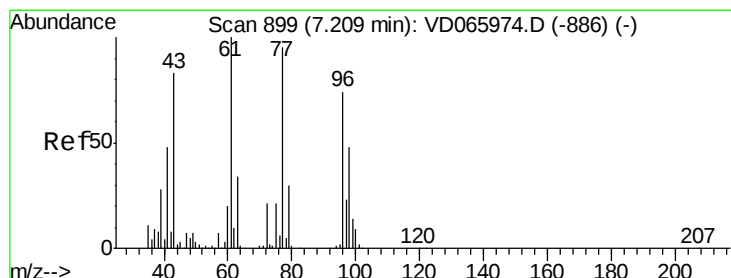
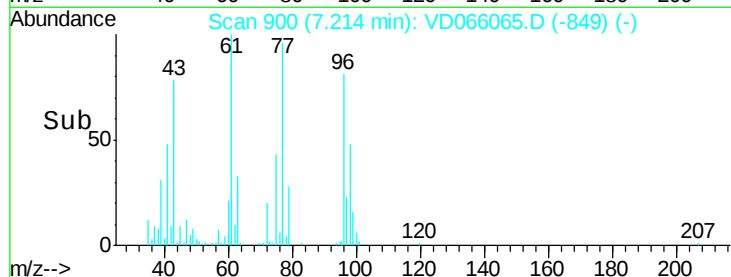
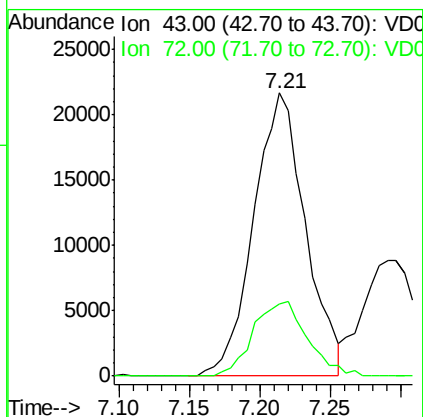
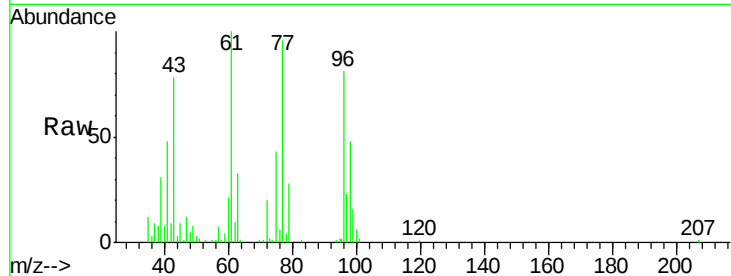
VD0727SBS01

Tgt Ion: 43 Resp: 55579

Ion Ratio Lower Upper

43 100

72 25.6 20.2 30.2



#26

2,2-Dichloropropane

Concen: 22.046 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066065.D

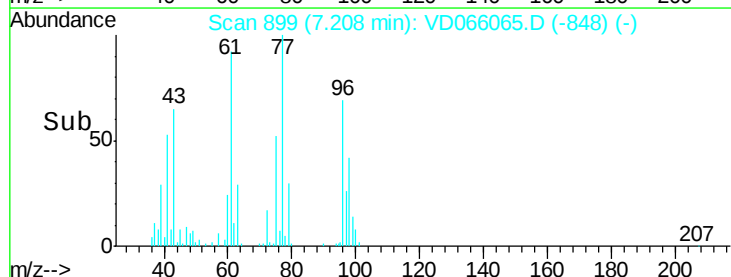
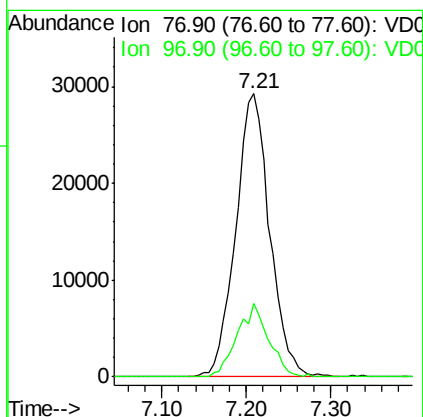
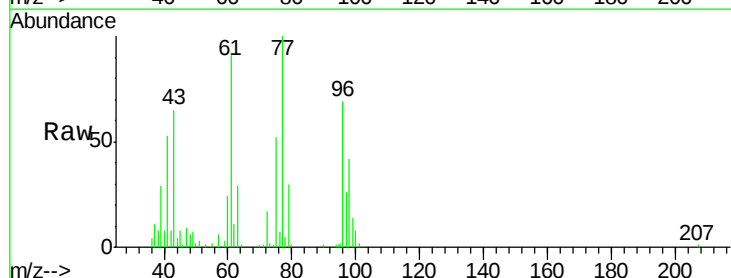
Acq: 27 Jul 2020 14:14

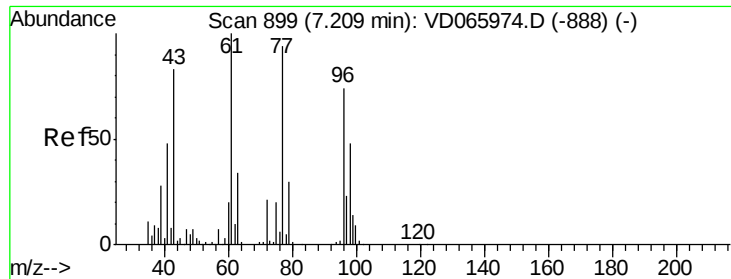
Tgt Ion: 77 Resp: 81549

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.7



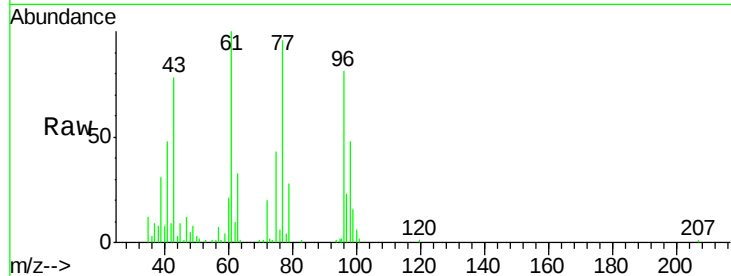


#27

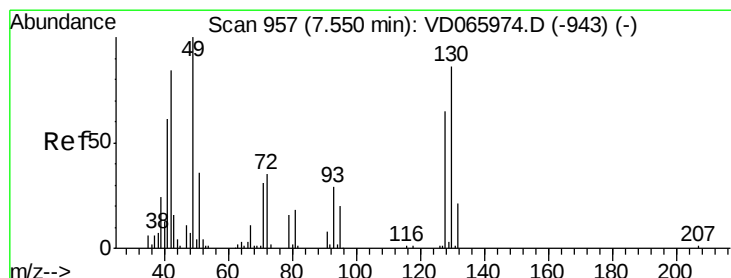
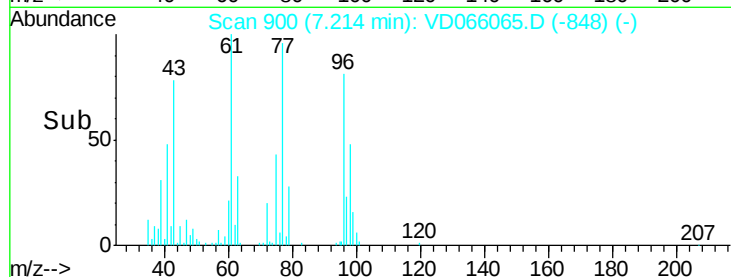
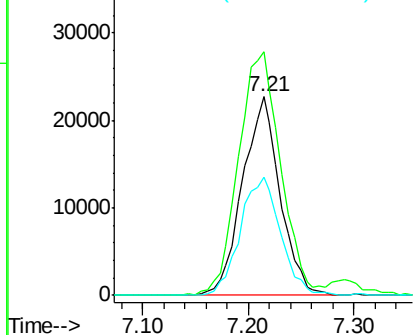
cis-1,2-Dichloroethene
Concen: 20.444 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

Tgt Ion: 96 Resp: 55925
Ion Ratio Lower Upper
96 100
61 137.9 0.0 276.6
98 63.8 0.0 130.8



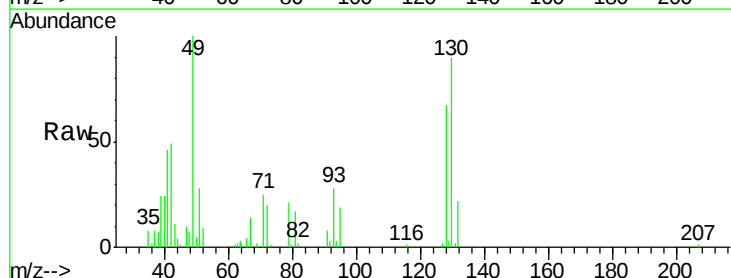
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.90 (60.60 to 61.60): VDC
Ion 97.90 (97.60 to 98.60): VDC



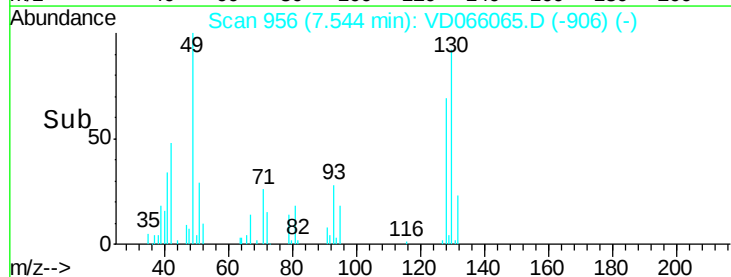
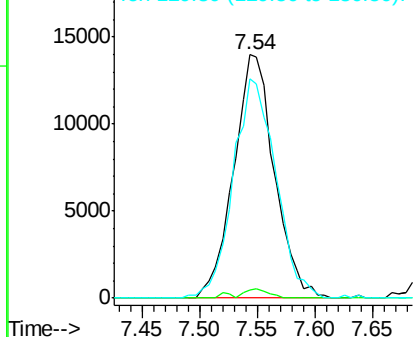
#28

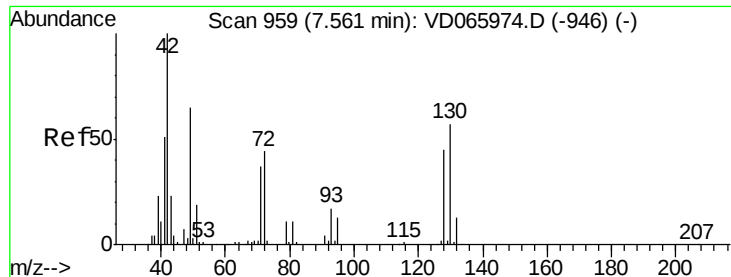
Bromochloromethane
Concen: 19.598 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 49 Resp: 34216
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.8
130 94.6 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

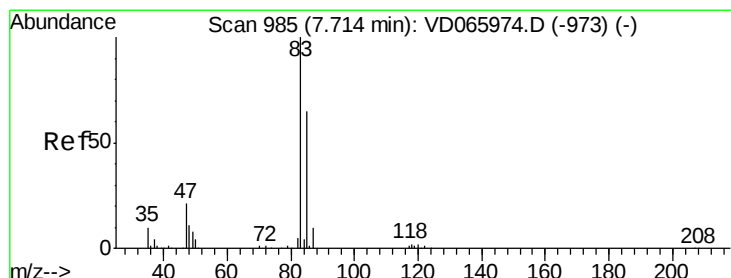
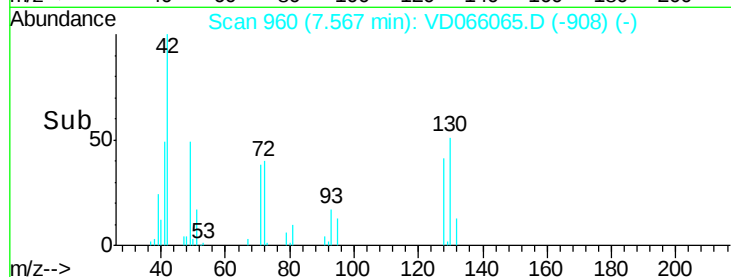
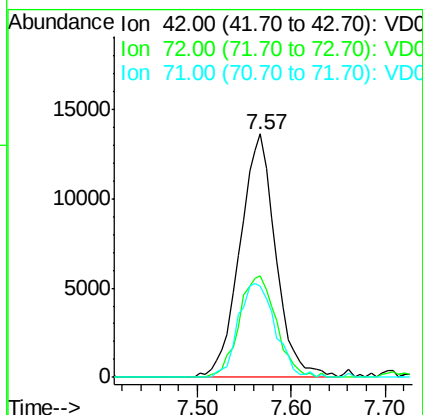
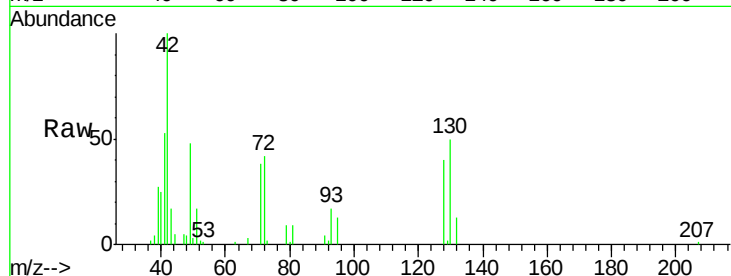




#29
Tetrahydrofuran
Concen: 96.530 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

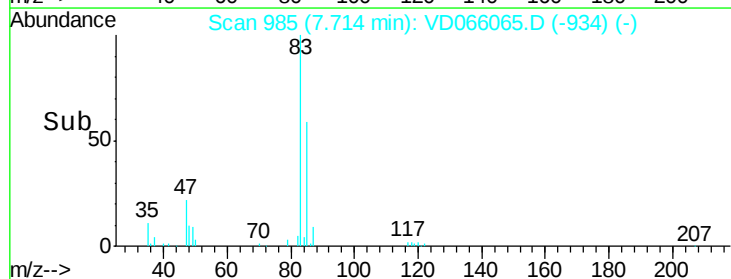
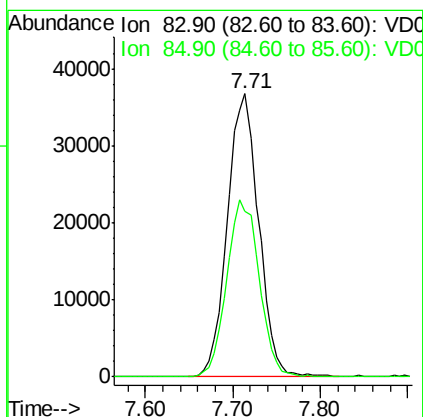
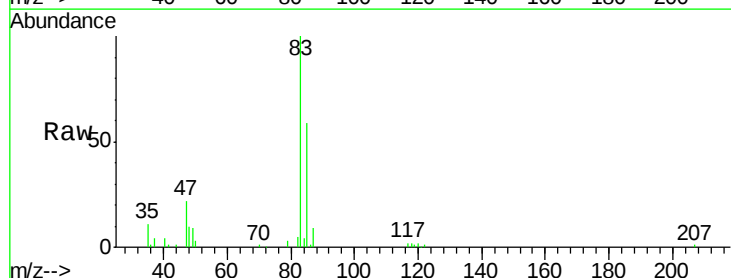
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

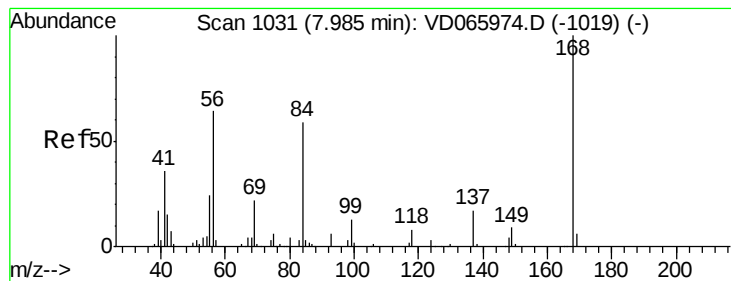
Tgt Ion: 42 Resp: 35989
Ion Ratio Lower Upper
42 100
72 43.4 34.2 51.2
71 40.0 31.4 47.2



#30
Chloroform
Concen: 20.682 ug/l
RT: 7.71 min Scan# 985
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 83 Resp: 88990
Ion Ratio Lower Upper
83 100
85 58.7 52.1 78.1





#31

Cyclohexane

Concen: 19.381 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBSD01

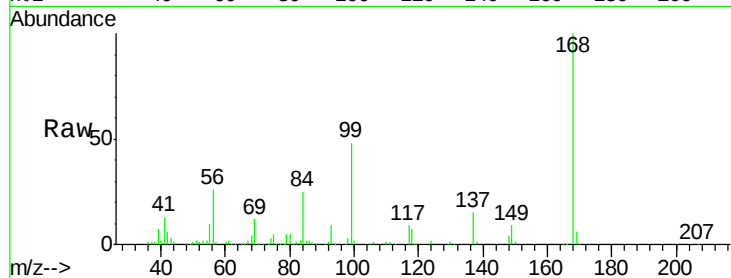
Tgt Ion: 56 Resp: 78433

Ion Ratio Lower Upper

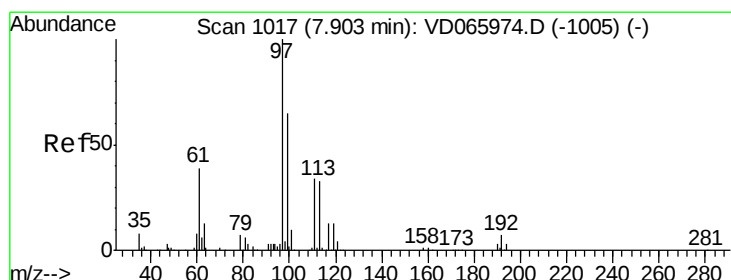
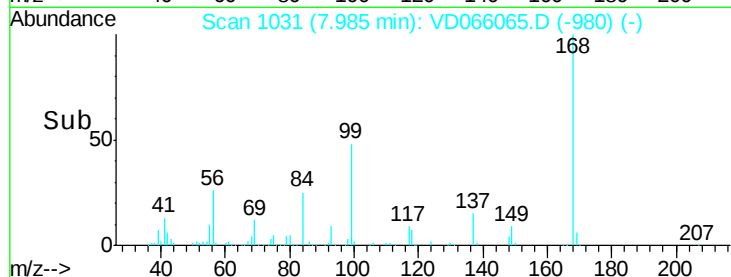
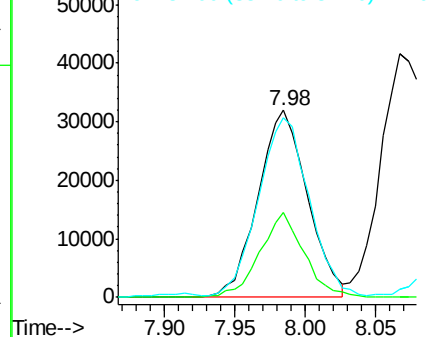
56 100

69 45.2 28.0 42.0#

84 94.7 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: 22.577 ug/l

RT: 7.90 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

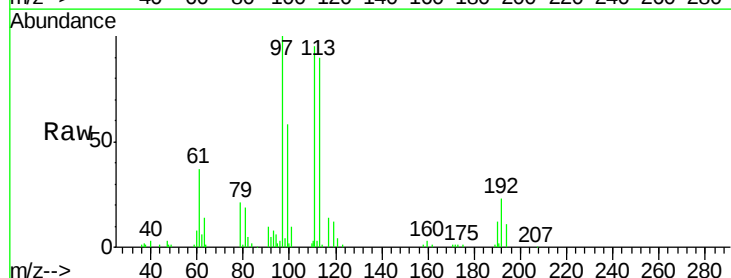
Tgt Ion: 97 Resp: 89861

Ion Ratio Lower Upper

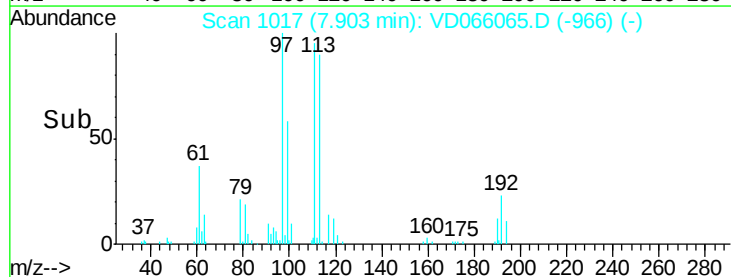
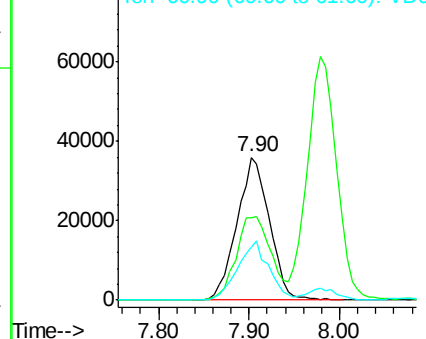
97 100

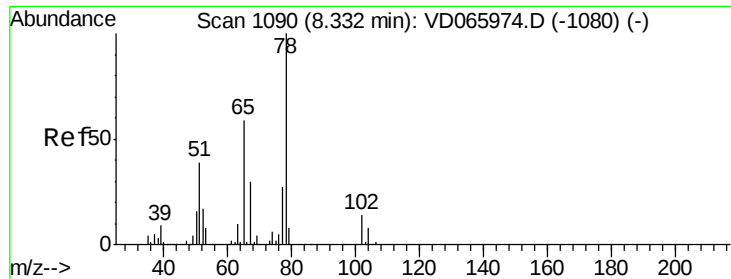
99 63.7 51.8 77.6

61 39.4 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

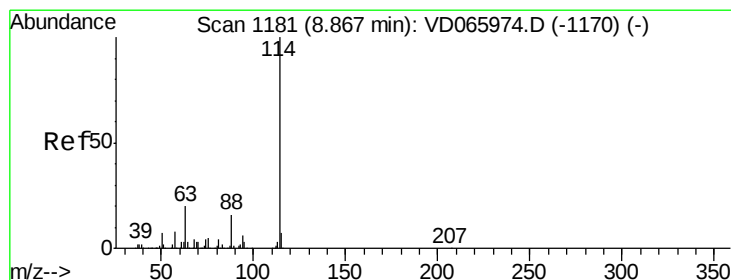
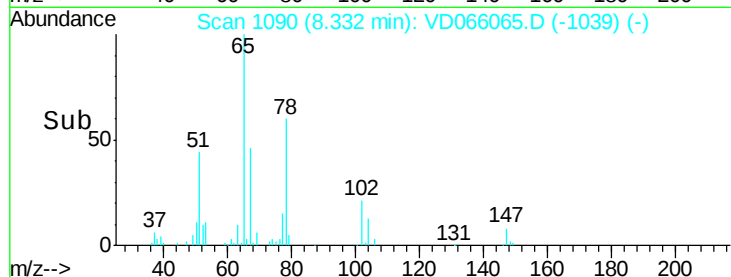
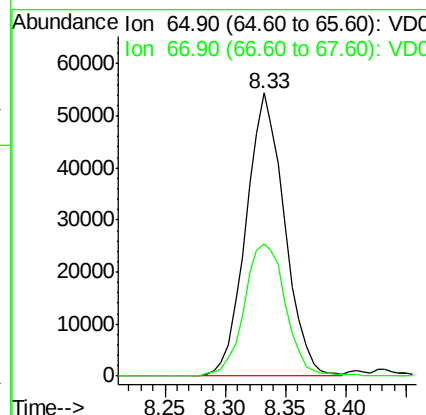
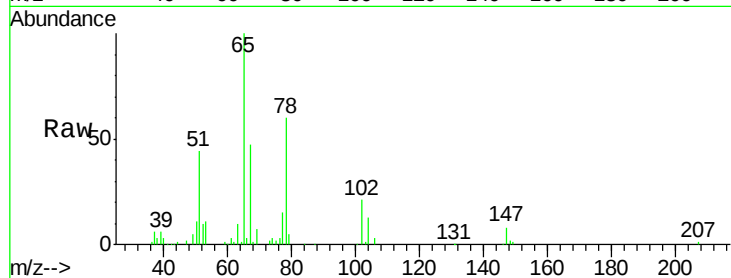




#33
 1,2-Dichloroethane-d4
 Concen: 53.890 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

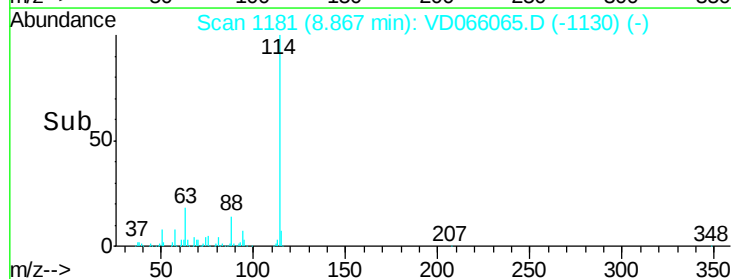
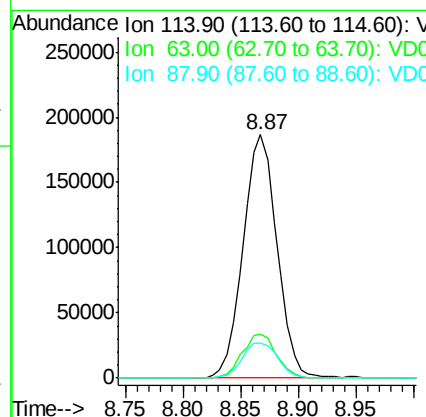
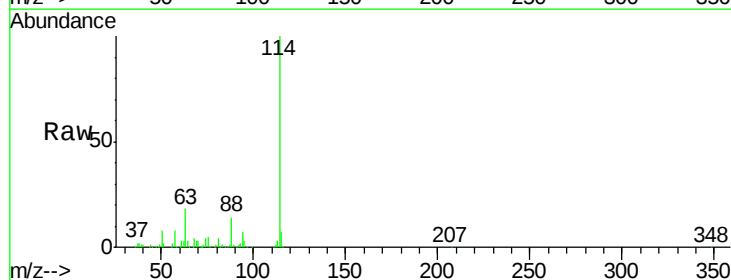
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tgt Ion: 65 Resp: 121239
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 114 Resp: 381047
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 39.6
 88 14.4 0.0 31.2

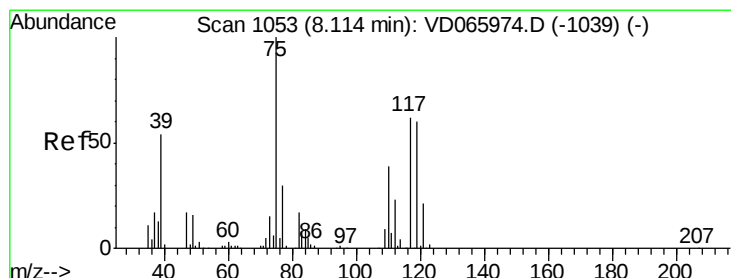
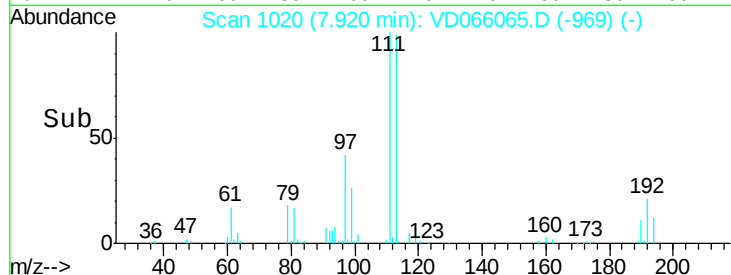
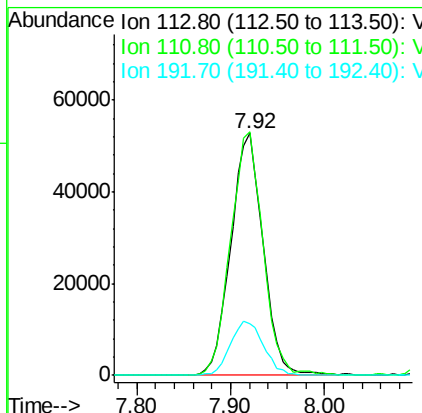
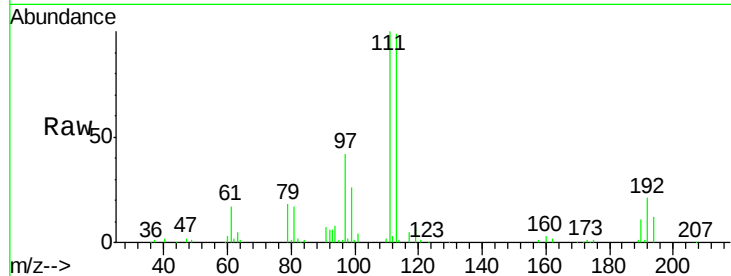




#35
 Dibromofluoromethane
 Concen: 54.294 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

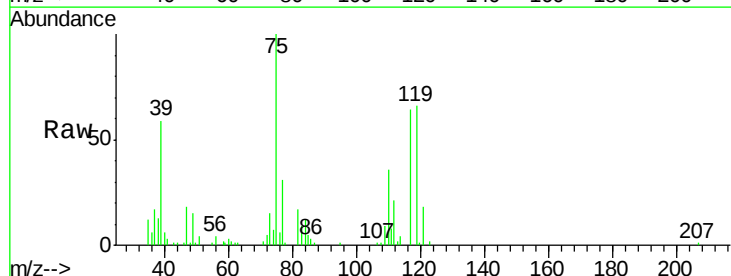
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

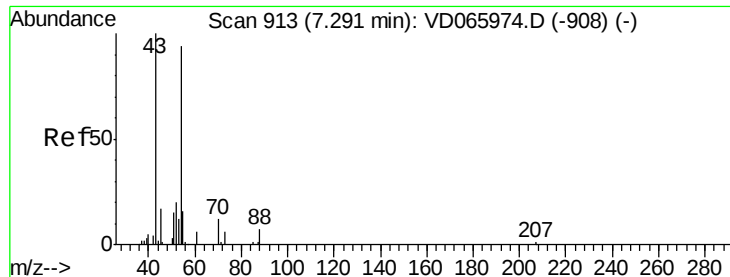
Tgt Ion: 113 Resp: 125482
 Ion Ratio Lower Upper
 113 100
 111 101.0 83.2 124.8
 192 22.9 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 21.549 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 75 Resp: 70077
 Ion Ratio Lower Upper
 75 100
 110 37.5 19.5 58.5
 77 31.7 24.7 37.1

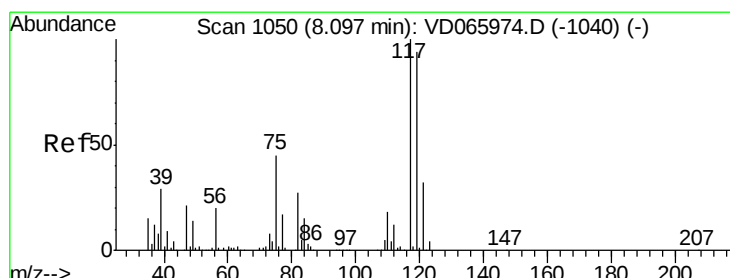
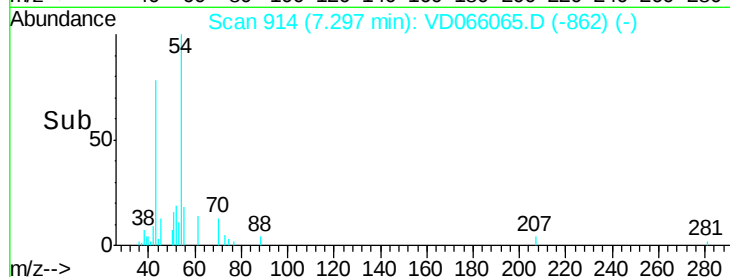
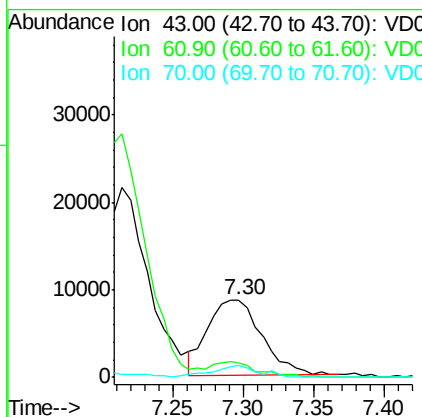
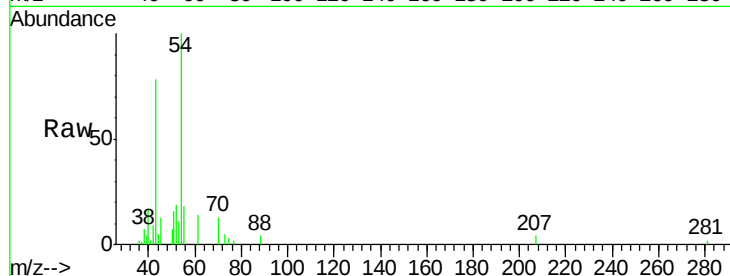




#37
Ethyl Acetate
Concen: 18.670 ug/l
RT: 7.30 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

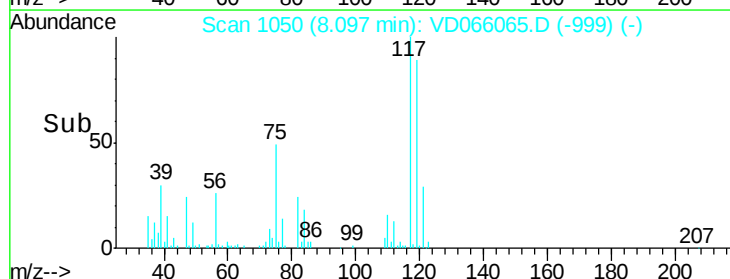
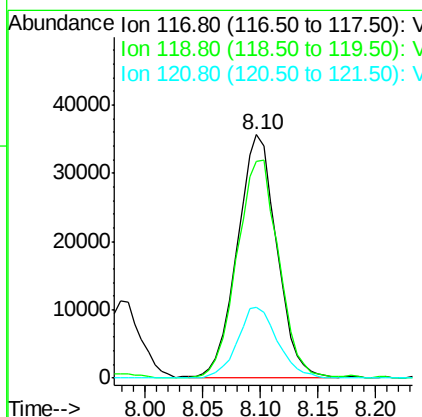
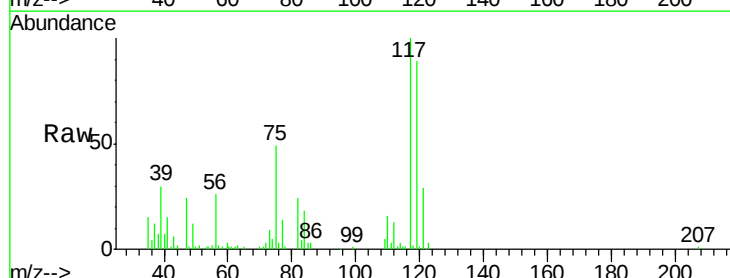
Instrument :
MSVOA_D
ClientSampled :
VD0727SBS01

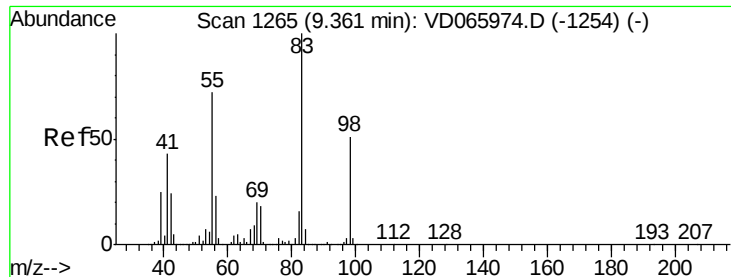
Tgt Ion: 43 Resp: 23188
Ion Ratio Lower Upper
43 100
61 16.7 11.4 17.0
70 13.5 9.3 13.9



#38
Carbon Tetrachloride
Concen: 24.078 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 117 Resp: 84962
Ion Ratio Lower Upper
117 100
119 88.8 75.0 112.6
121 29.2 25.5 38.3

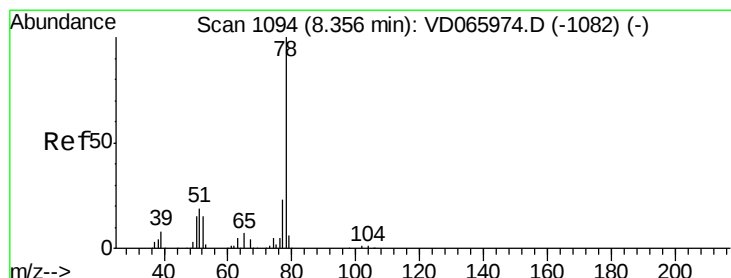
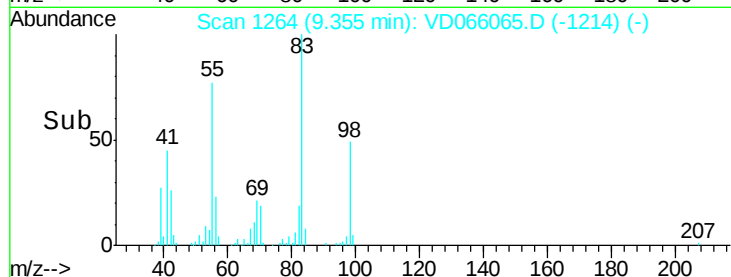
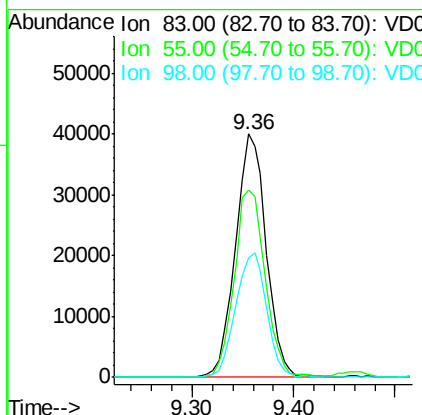
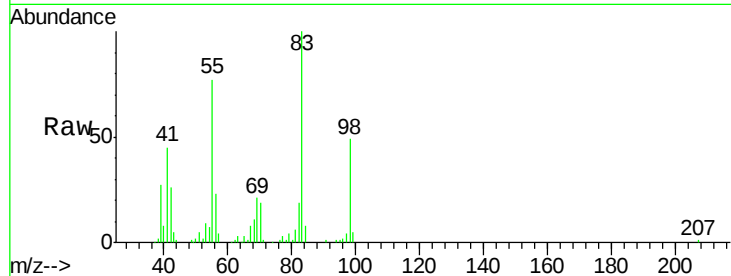




#39
Methylcyclohexane
Concen: 21.381 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

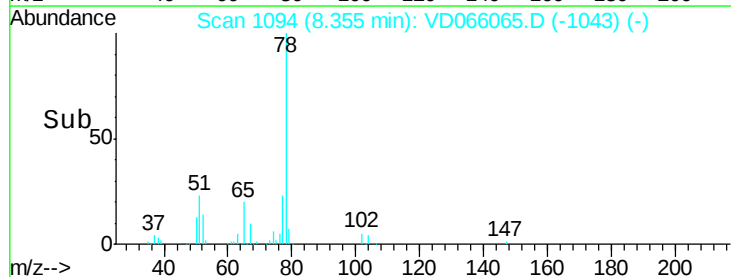
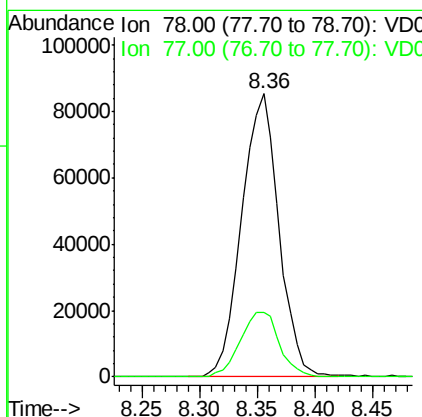
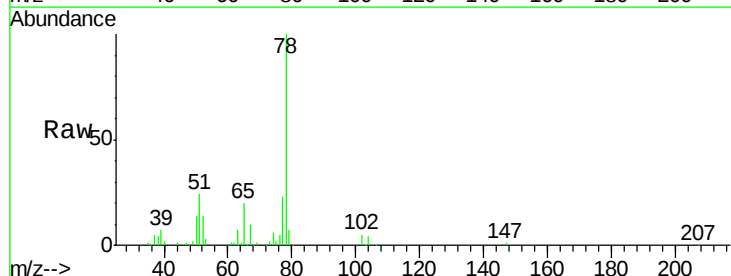
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

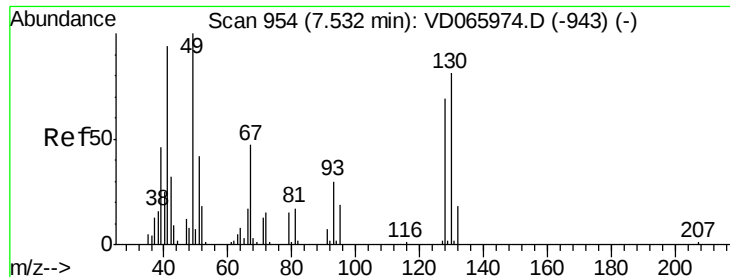
Tgt Ion: 83 Resp: 84202
Ion Ratio Lower Upper
83 100
55 77.0 57.3 85.9
98 49.2 41.0 61.6



#40
Benzene
Concen: 21.017 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 78 Resp: 191216
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8

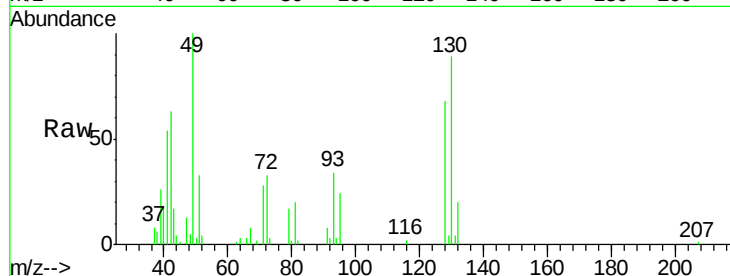




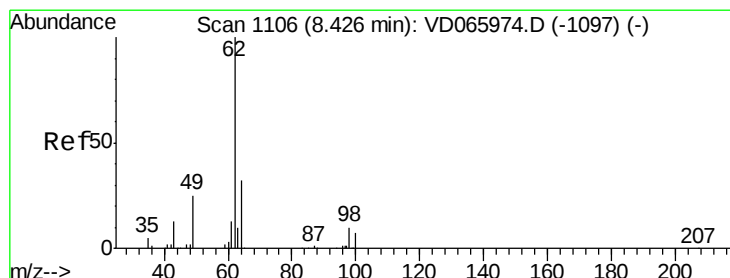
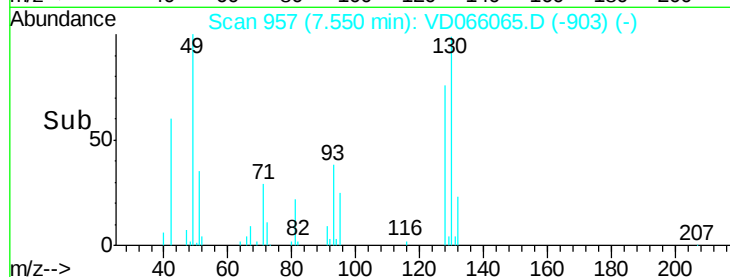
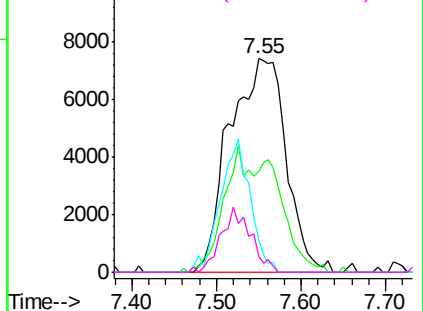
#41
Methacrylonitrile
Concen: 48.366 ug/l
RT: 7.55 min Scan# 957
Delta R.T. 0.02 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:	41	Resp:	34411
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

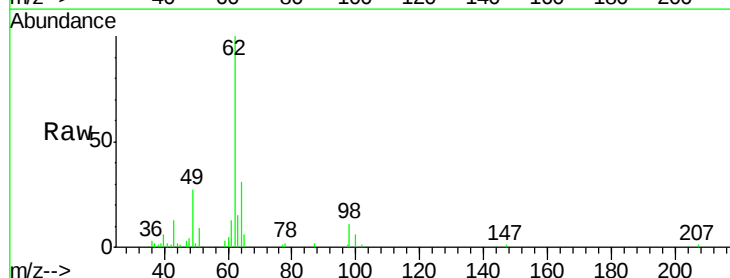


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

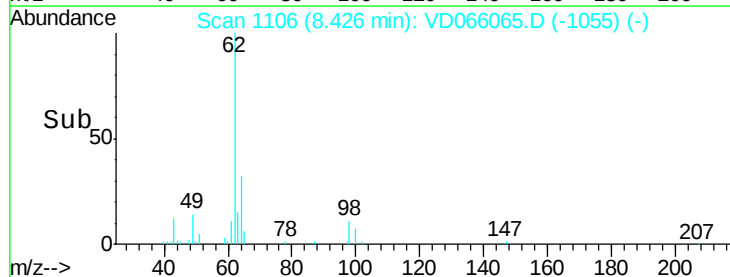
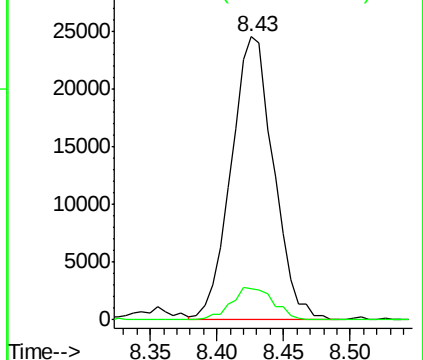


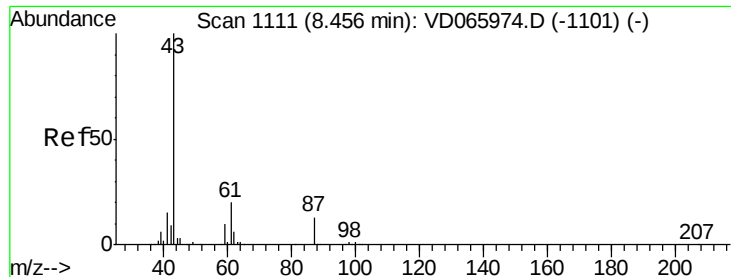
#42
1,2-Dichloroethane
Concen: 21.697 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion:	62	Resp:	54092
Ion	Ratio	Lower	Upper
62	100		
98	11.3	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: 20.482 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

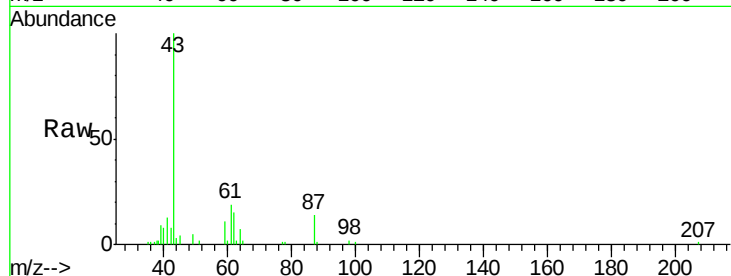
Tgt Ion: 43 Resp: 49684

Ion Ratio Lower Upper

43 100

61 30.8 25.8 38.8

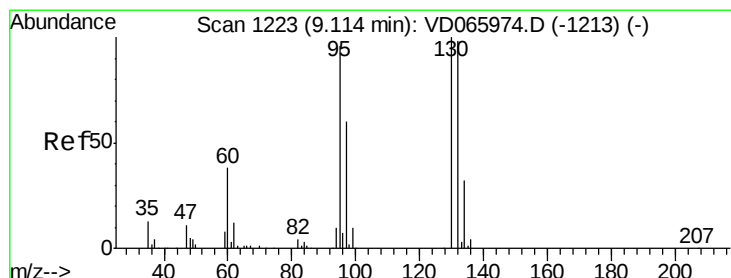
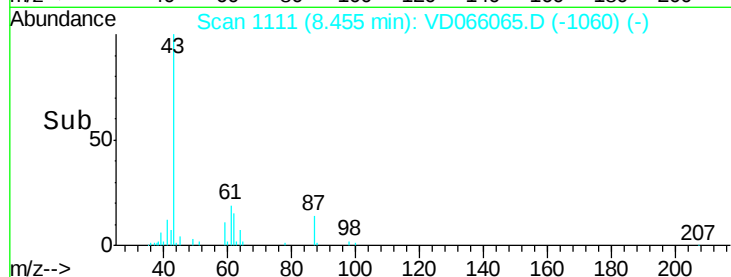
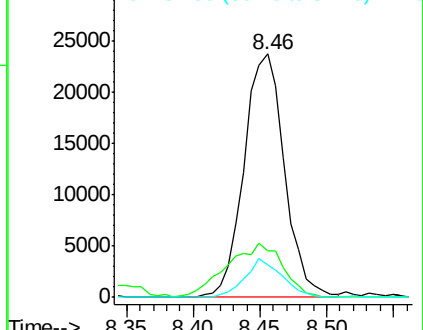
87 14.4 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 61.00 (60.70 to 61.70): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.629 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.00 min

Lab File: VD066065.D

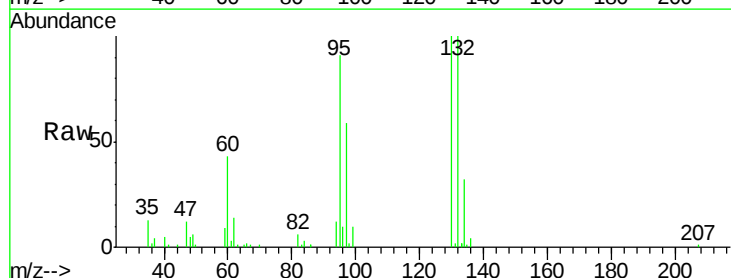
Acq: 27 Jul 2020 14:14

Tgt Ion: 130 Resp: 59549

Ion Ratio Lower Upper

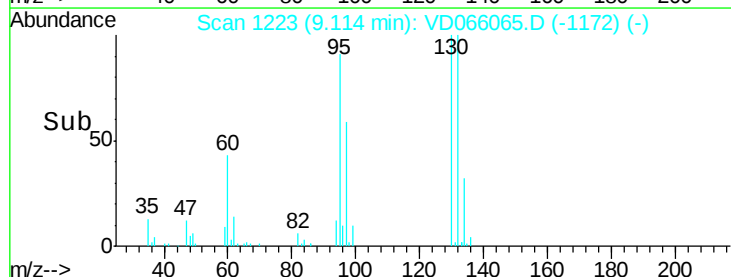
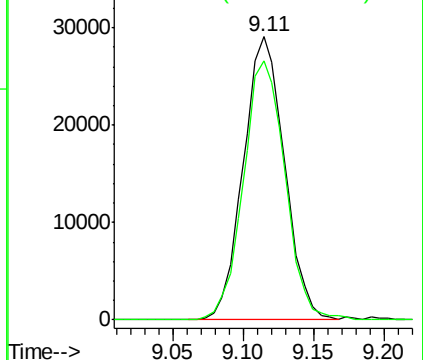
130 100

95 91.3 0.0 191.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.613 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

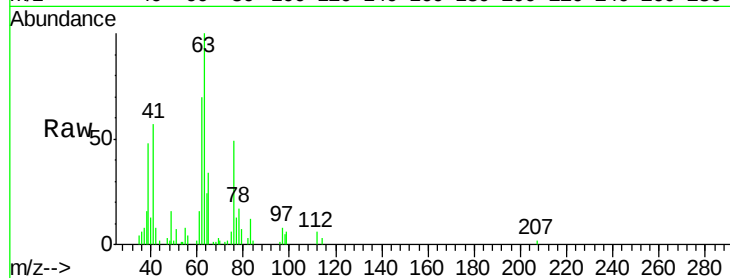
VD0727SBSD01

Tgt Ion: 63 Resp: 45420

Ion Ratio Lower Upper

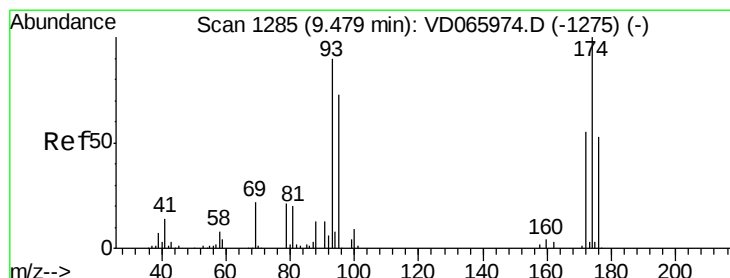
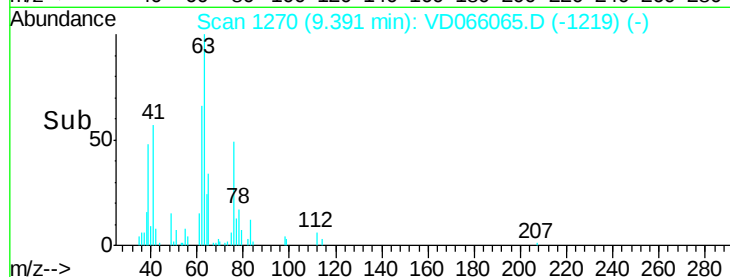
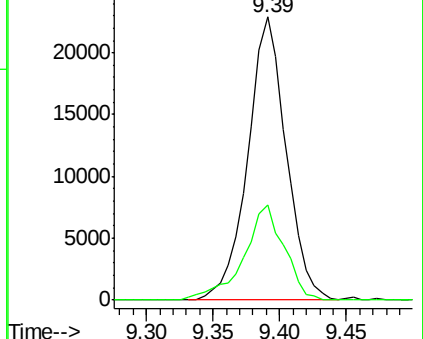
63 100

65 33.6 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 22.574 ug/l

RT: 9.48 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

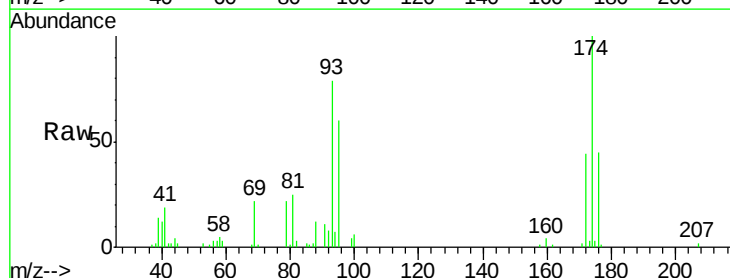
Tgt Ion: 93 Resp: 26778

Ion Ratio Lower Upper

93 100

95 78.2 66.2 99.4

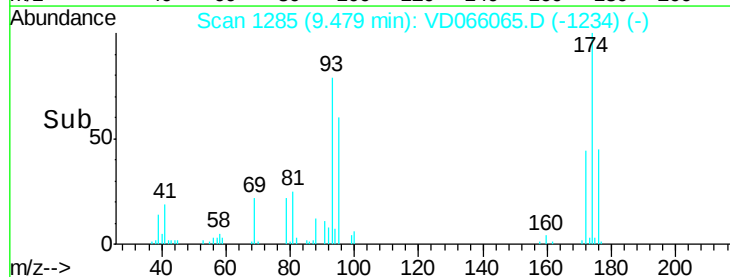
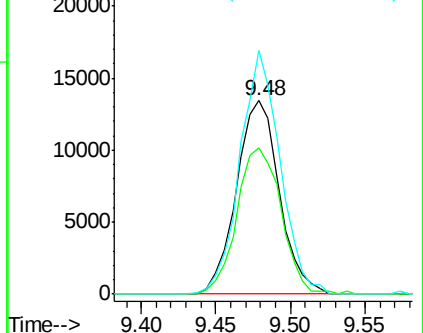
174 117.7 91.5 137.3

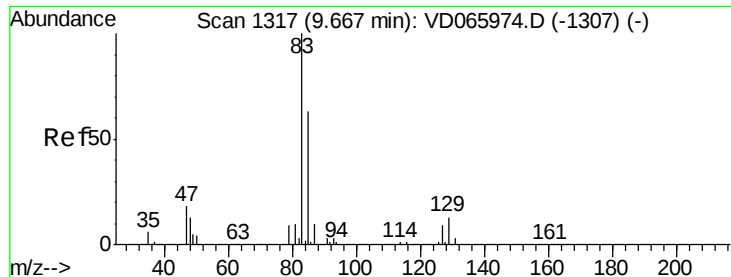


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.803 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

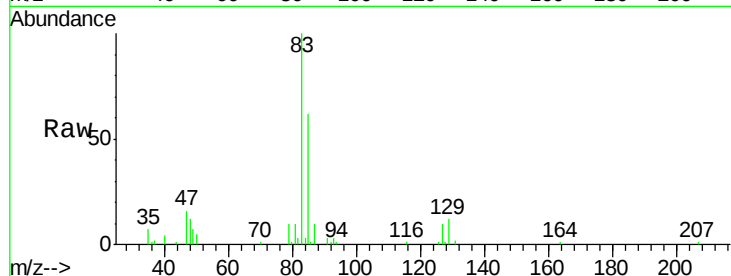
Tgt Ion: 83 Resp: 68384

Ion Ratio Lower Upper

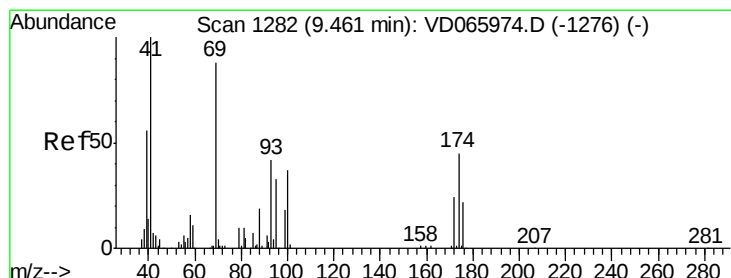
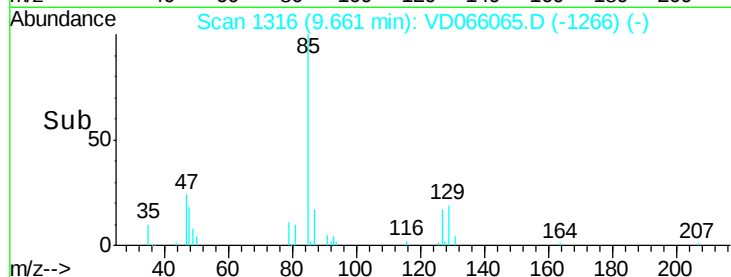
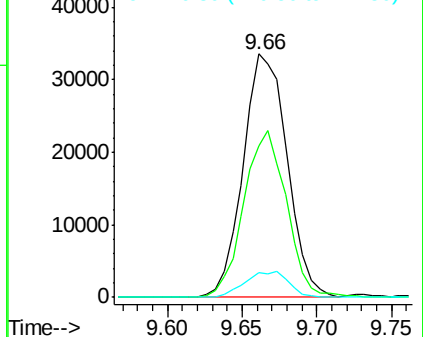
83 100

85 62.1 50.6 75.8

127 10.3 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): V



#48

Methyl methacrylate

Concen: 21.181 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

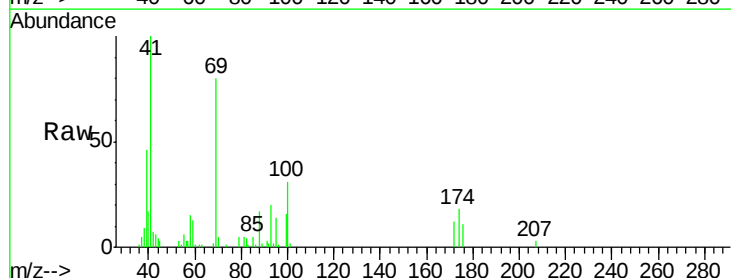
Tgt Ion: 41 Resp: 25917

Ion Ratio Lower Upper

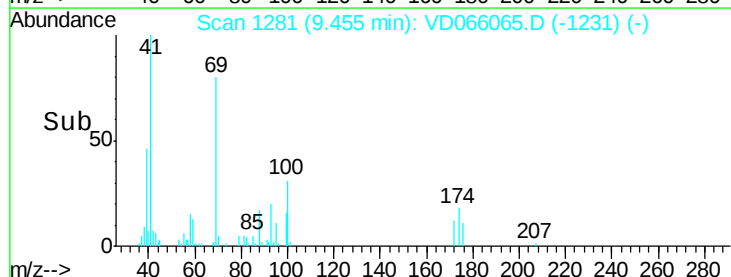
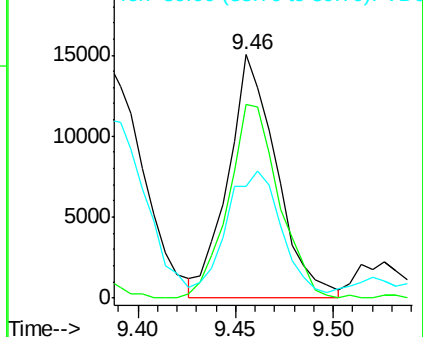
41 100

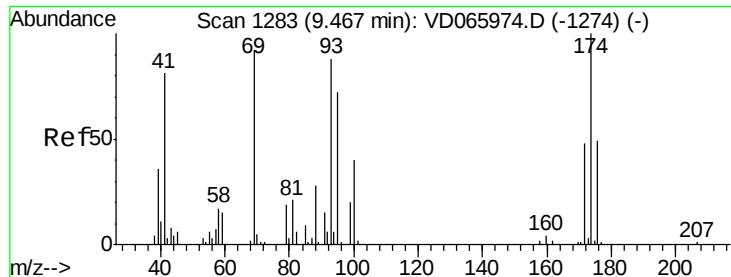
69 83.3 65.1 97.7

39 54.4 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

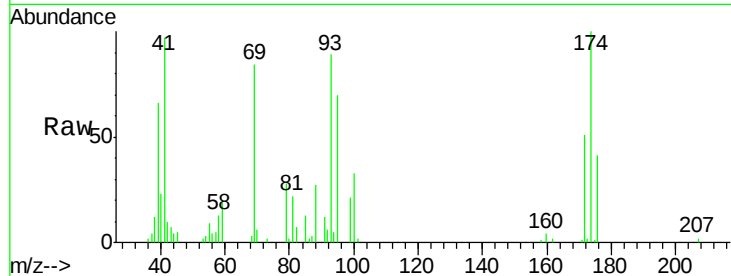




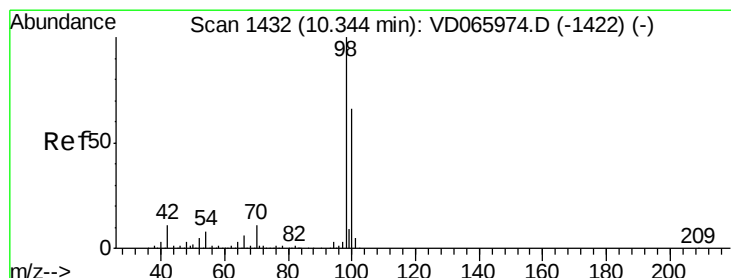
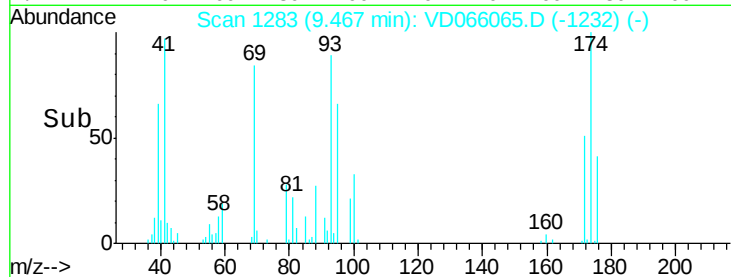
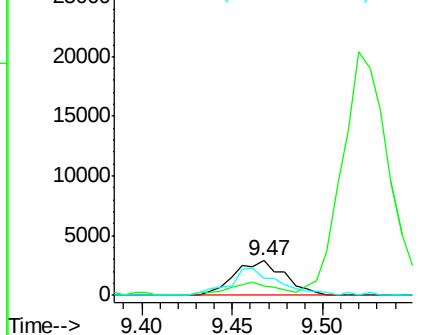
#49
 1,4-Dioxane
 Concen: 409.885 ug/l
 RT: 9.47 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tgt Ion: 88 Resp: 5633
 Ion Ratio Lower Upper
 88 100
 43 35.9 29.0 43.6
 58 74.2 57.0 85.4

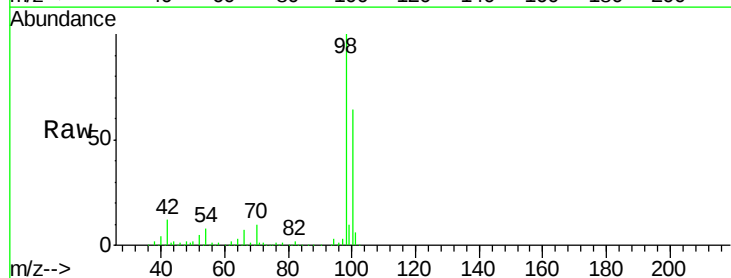


Abundance Ion 88.00 (87.70 to 88.70): VDC
 Ion 43.00 (42.70 to 43.70): VDC
 Ion 58.00 (57.70 to 58.70): VDC

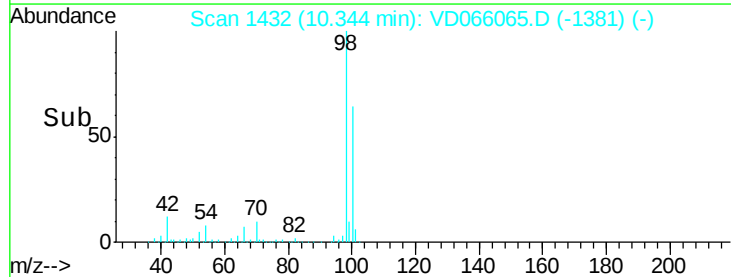
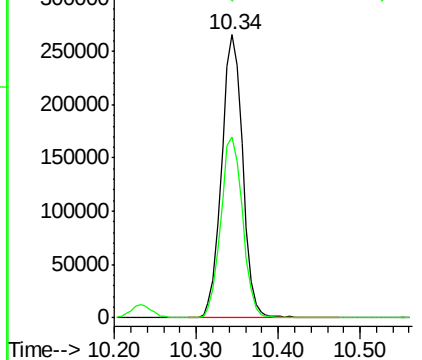


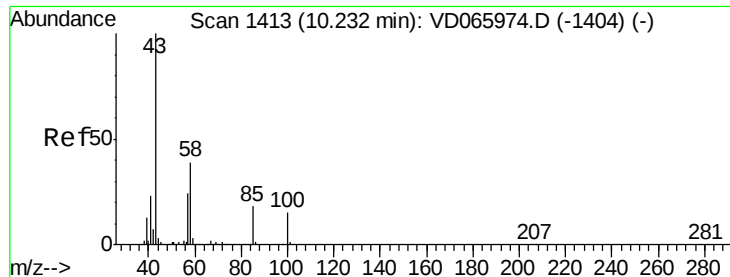
#50
 Toluene-d8
 Concen: 55.500 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 98 Resp: 477841
 Ion Ratio Lower Upper
 98 100
 100 66.3 52.7 79.1



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

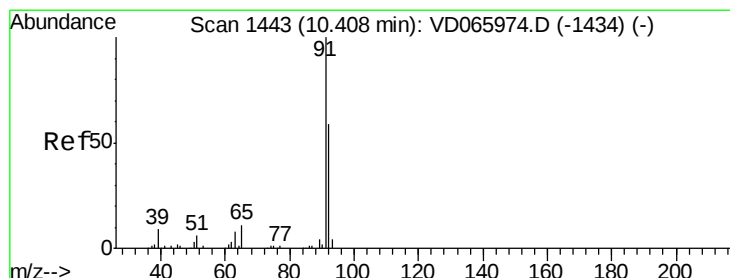
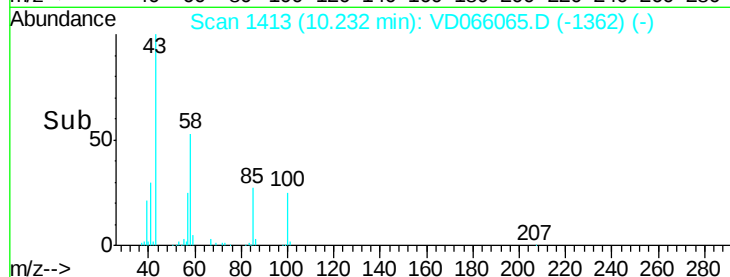
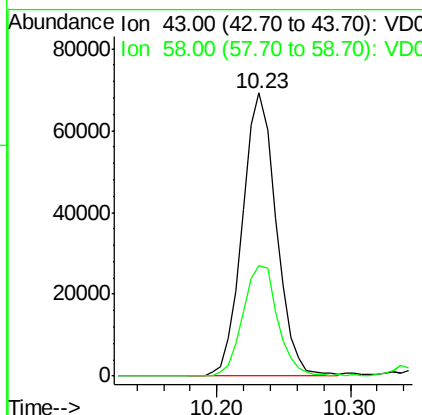
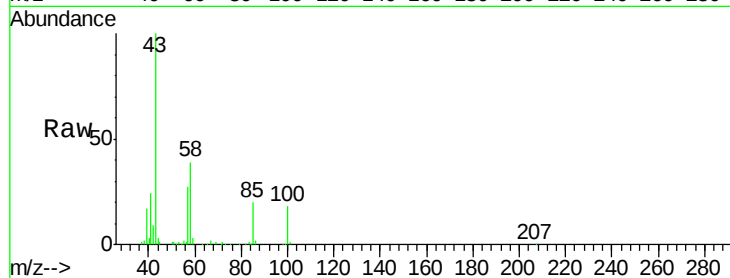




#51
4-Methyl-2-Pentanone
Concen: 99.331 ug/l
RT: 10.23 min Scan# 1413
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

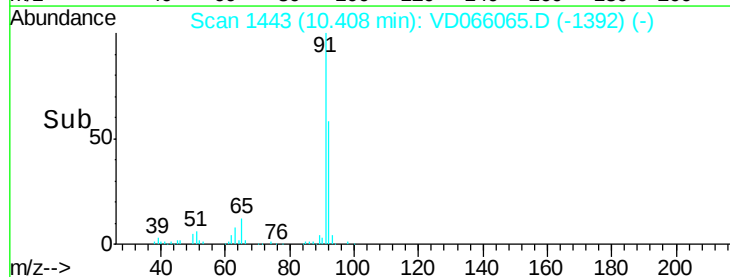
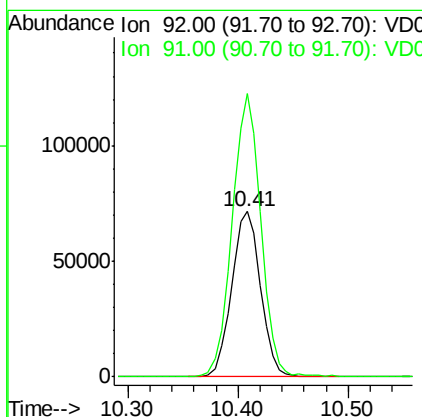
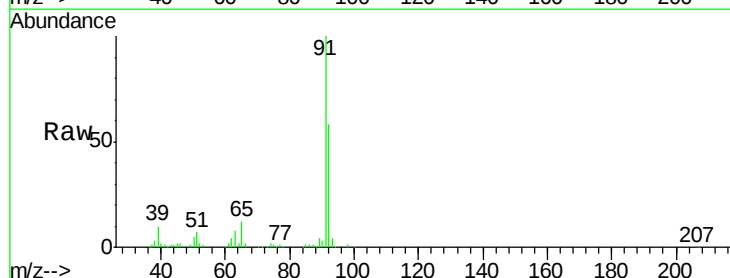
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

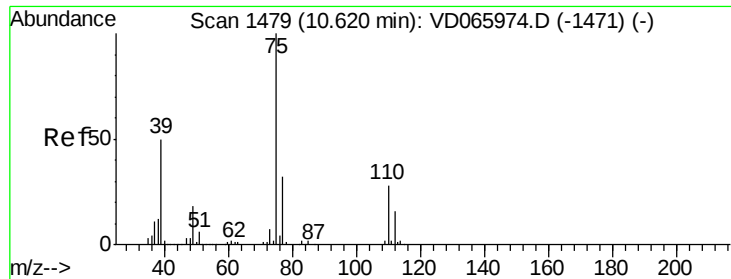
Tgt Ion: 43 Resp: 121404
Ion Ratio Lower Upper
43 100
58 40.1 31.3 46.9



#52
Toluene
Concen: 22.171 ug/l
RT: 10.41 min Scan# 1443
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 92 Resp: 131549
Ion Ratio Lower Upper
92 100
91 169.5 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 22.930 ug/l

RT: 10.63 min Scan# 1480

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

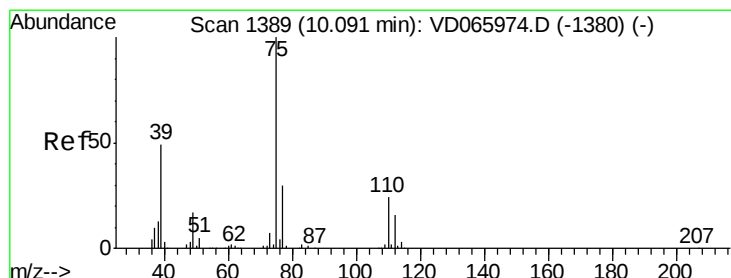
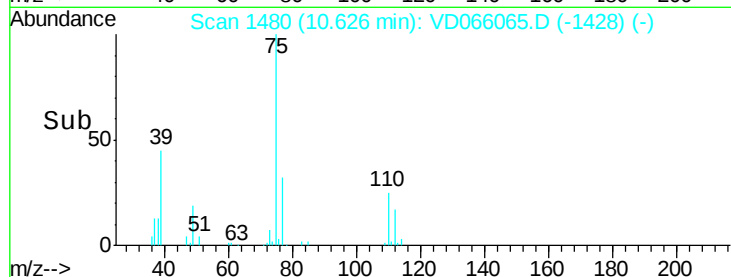
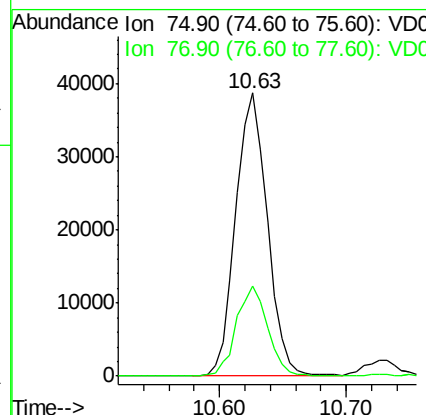
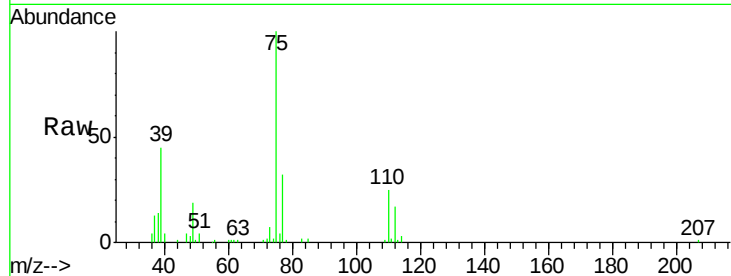
VD0727SBS01

Tgt Ion: 75 Resp: 67002

Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 21.902 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

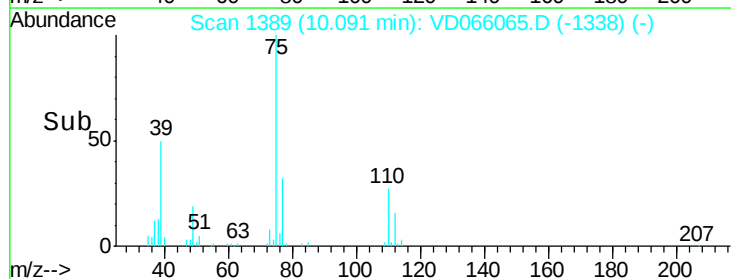
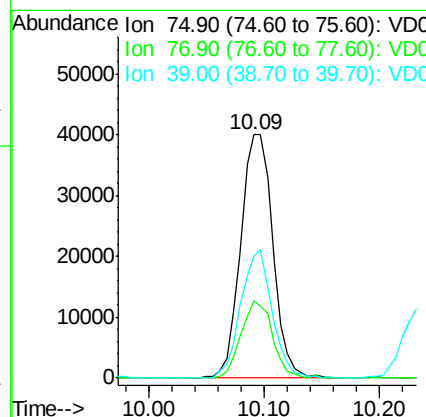
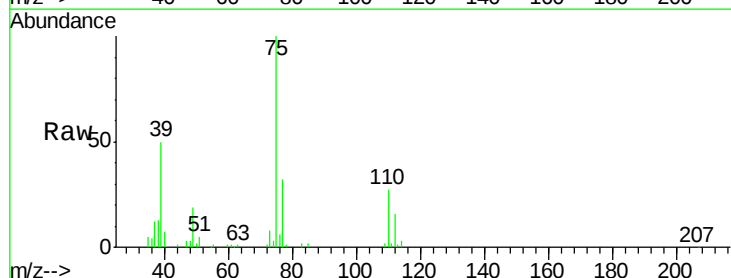
Tgt Ion: 75 Resp: 77577

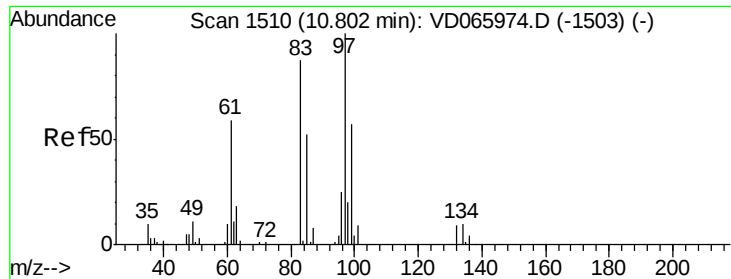
Ion Ratio Lower Upper

75 100

77 31.6 23.8 35.8

39 50.1 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 21.702 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion: 97 Resp: 36510

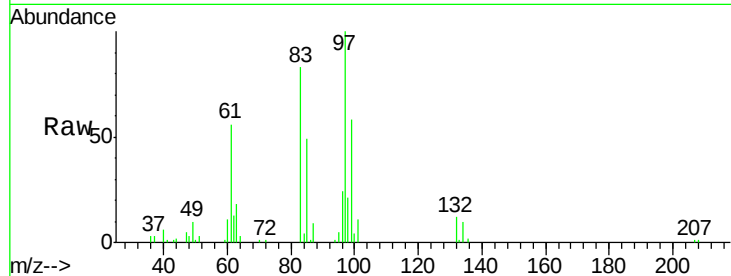
Ion Ratio Lower Upper

97 100

83 82.8 69.7 104.5

85 48.9 41.6 62.4

99 58.4 45.9 68.9

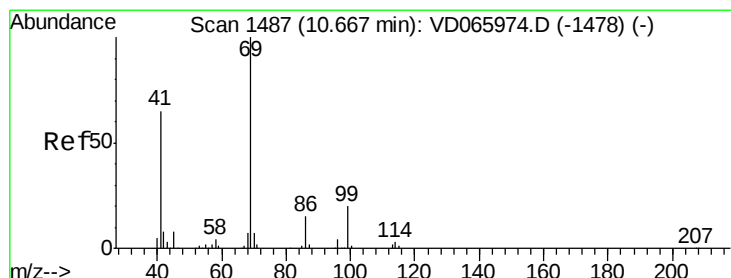
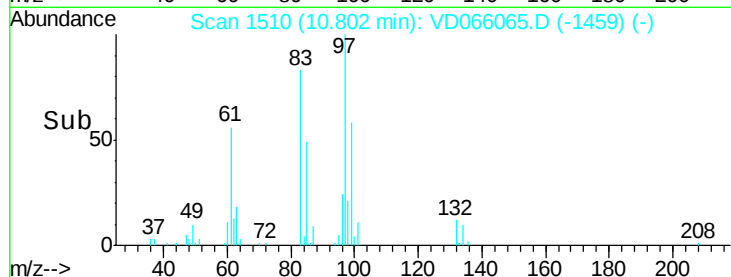
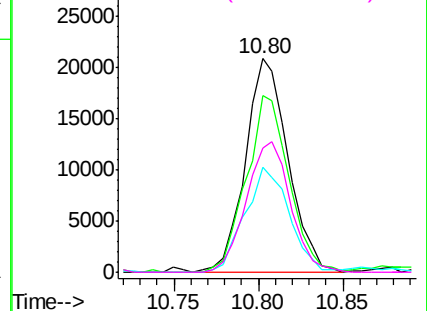


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 21.393 ug/l

RT: 10.67 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

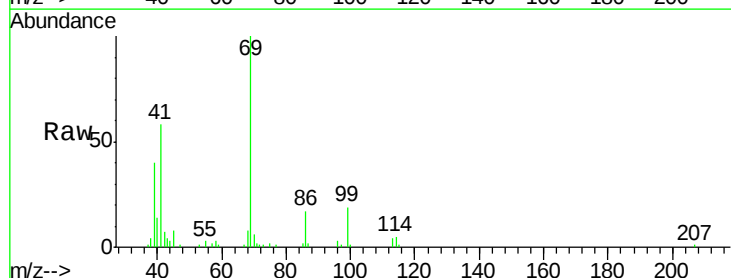
Tgt Ion: 69 Resp: 41845

Ion Ratio Lower Upper

69 100

41 64.5 52.3 78.5

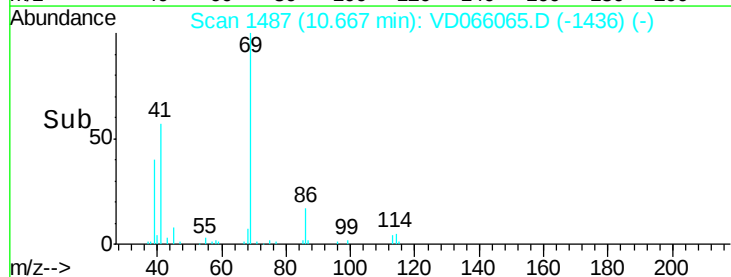
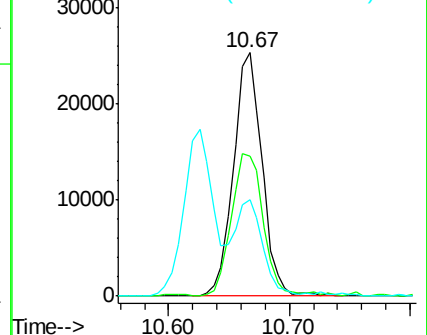
39 35.4 25.2 37.8

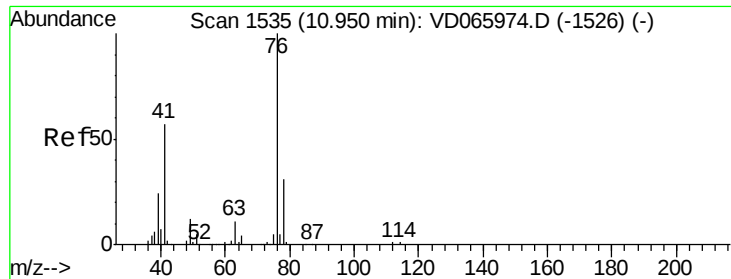


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

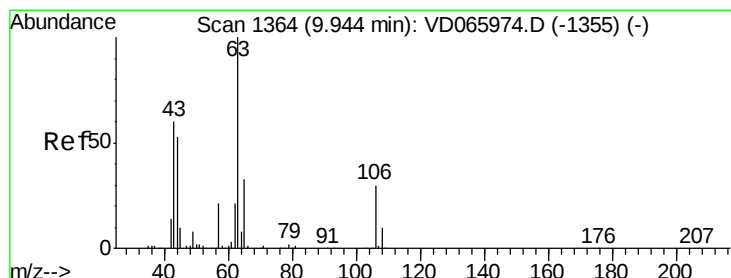
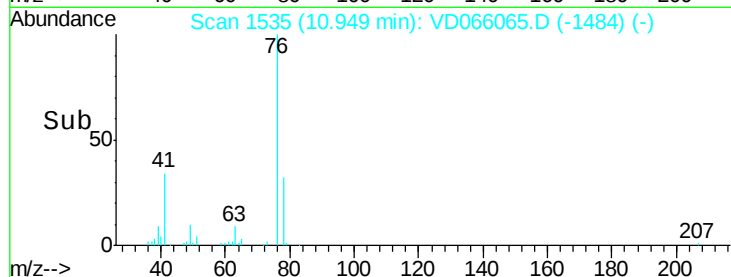
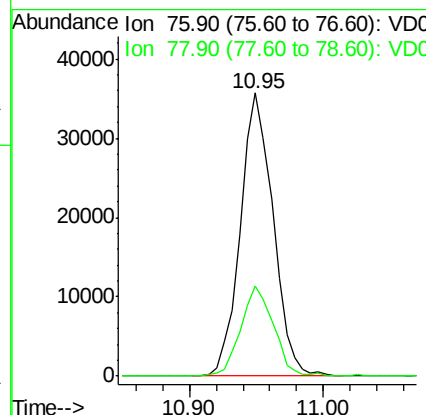
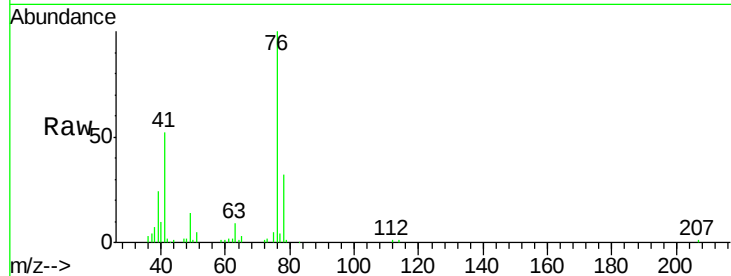




#57
 1,3-Dichloropropane
 Concen: 21.765 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

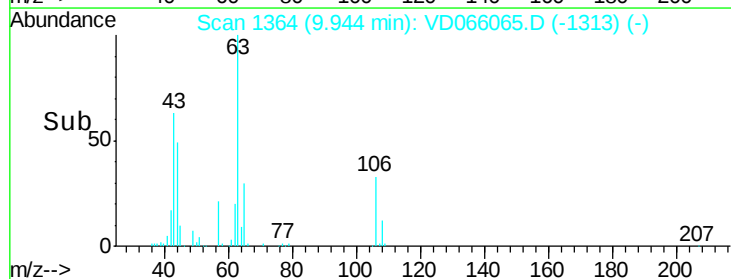
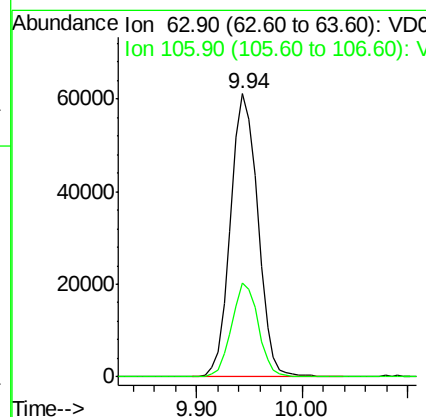
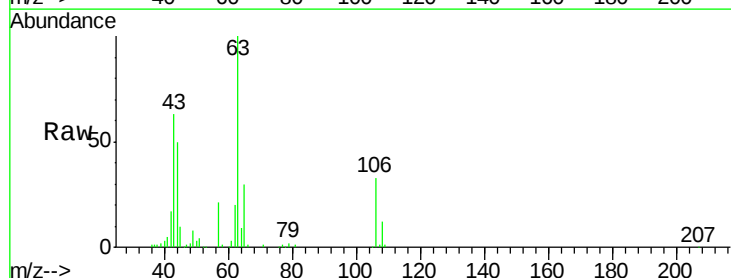
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

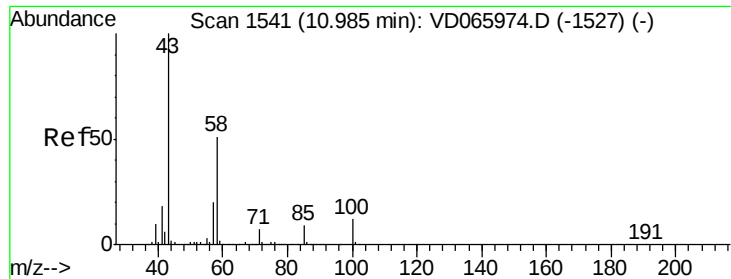
Tgt Ion: 76 Resp: 60617
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 117.268 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 63 Resp: 109573
 Ion Ratio Lower Upper
 63 100
 106 32.2 24.4 36.6

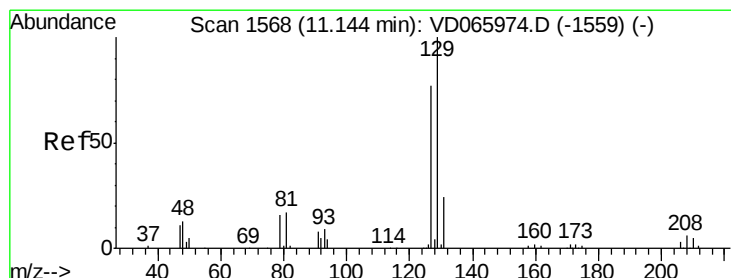
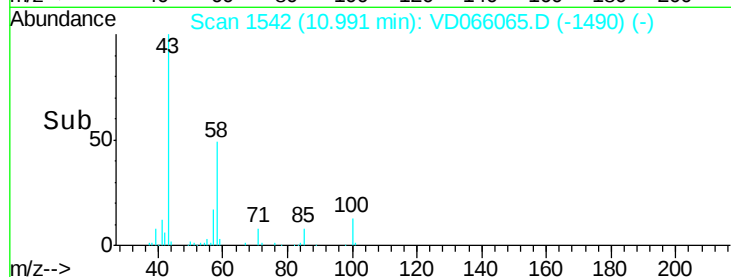
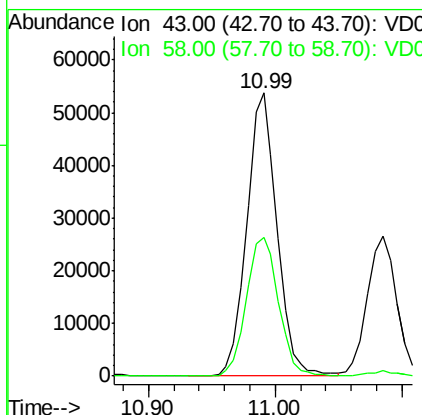
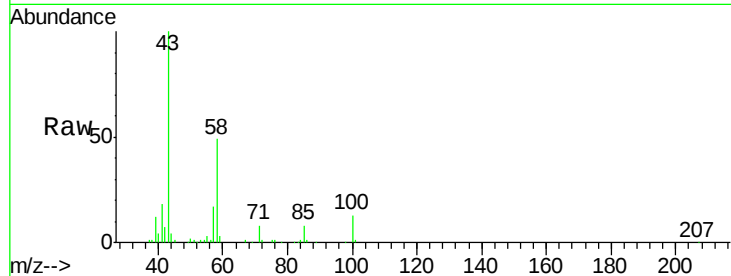




#59
2-Hexanone
Concen: 105.407 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

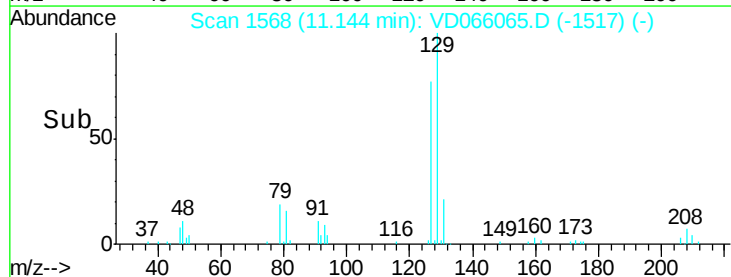
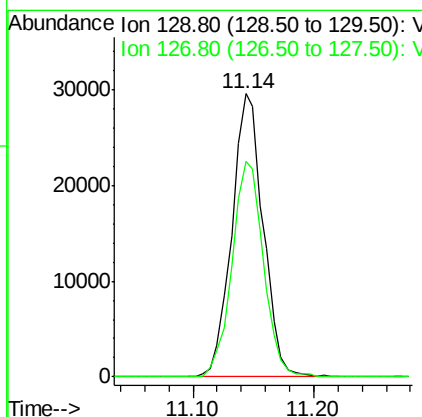
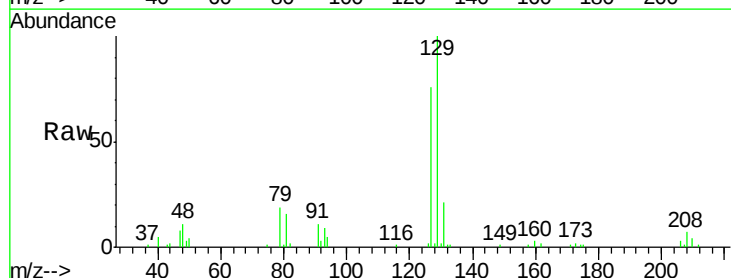
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

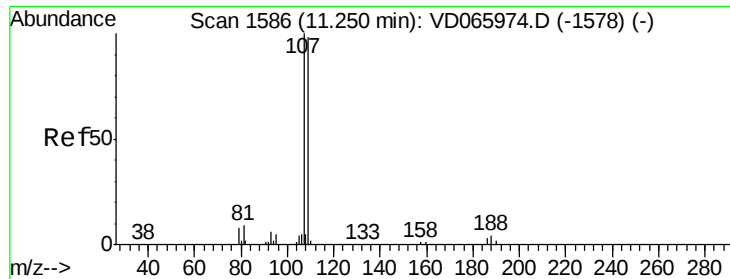
Tgt Ion: 43 Resp: 89278
Ion Ratio Lower Upper
43 100
58 52.1 26.2 78.6



#60
Dibromochloromethane
Concen: 23.498 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 129 Resp: 53300
Ion Ratio Lower Upper
129 100
127 76.4 38.6 115.7

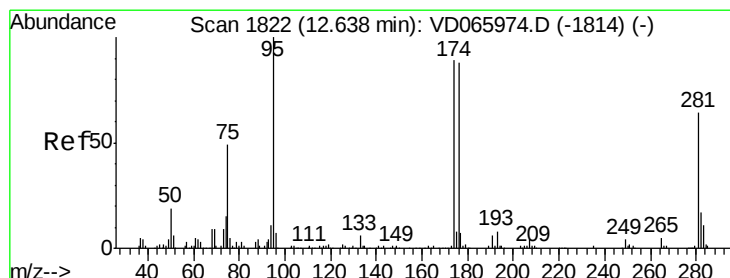
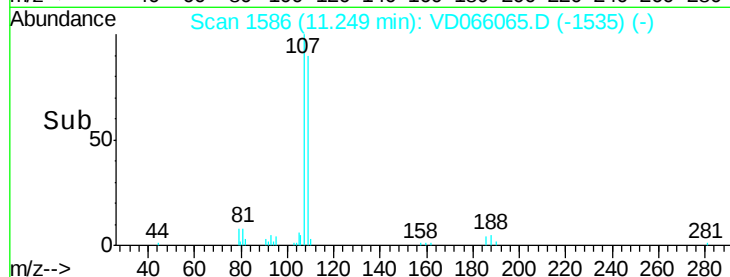
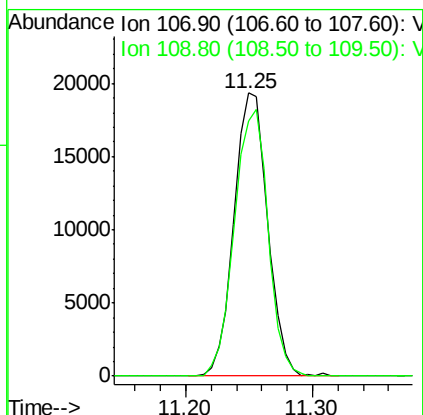
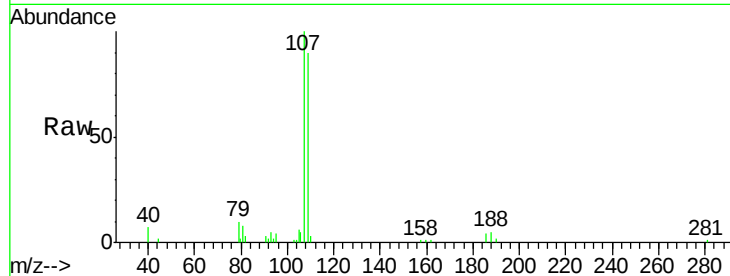




#61
 1,2-Dibromoethane
 Concen: 21.924 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

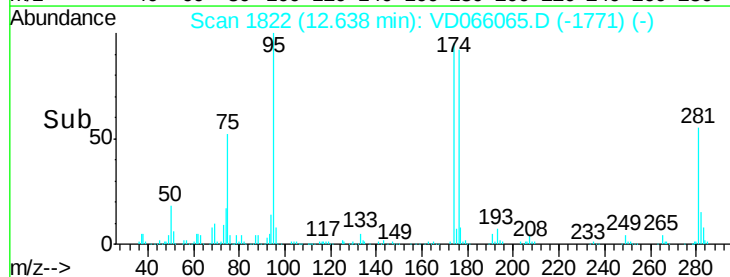
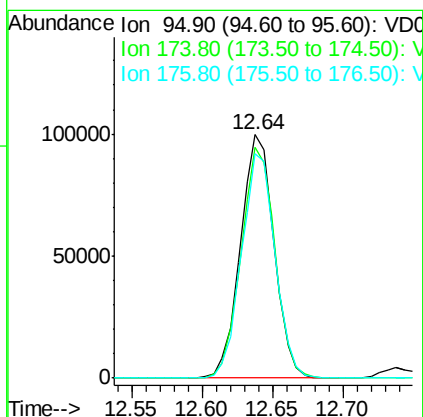
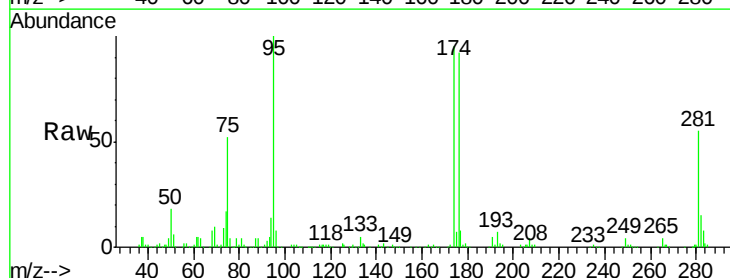
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

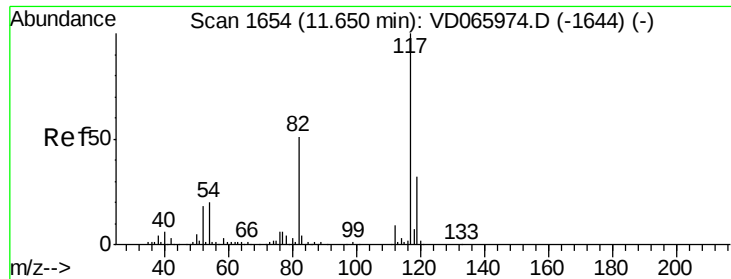
Tgt Ion: 107 Resp: 35563
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.0 112.4



#62
 4-Bromofluorobenzene
 Concen: 55.553 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion: 95 Resp: 165842
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 178.8
 176 92.8 0.0 172.6

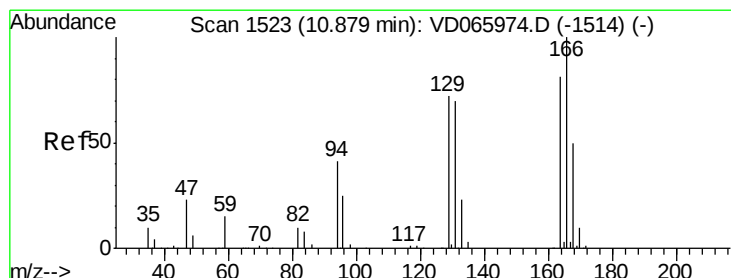
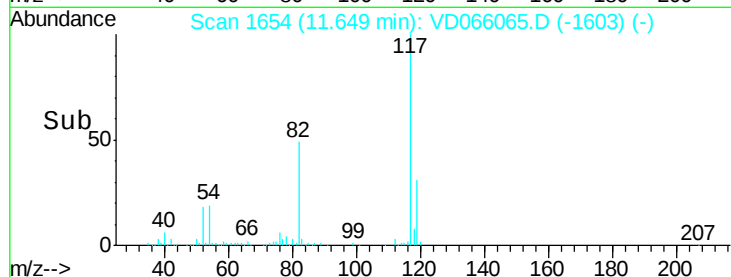
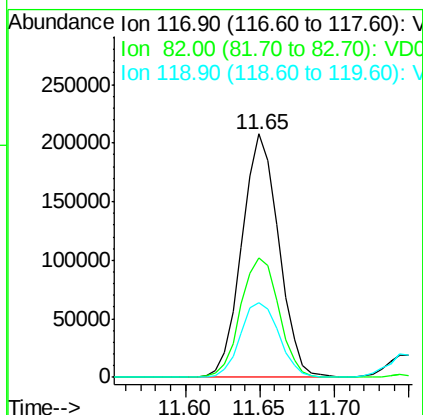
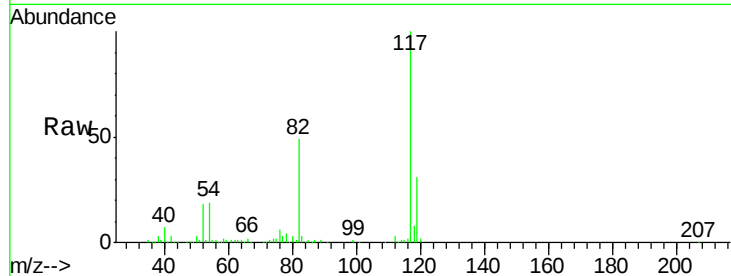




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

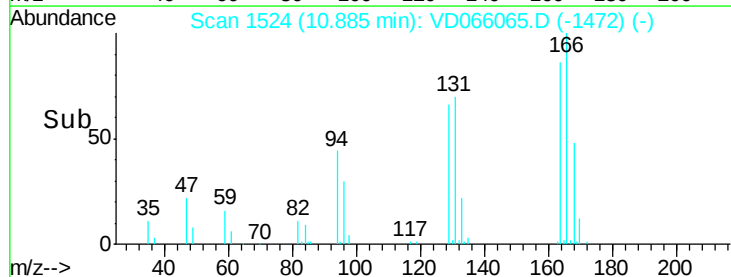
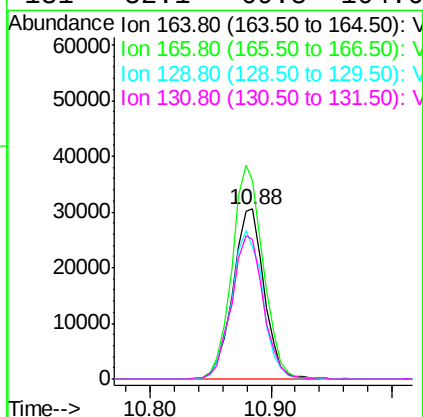
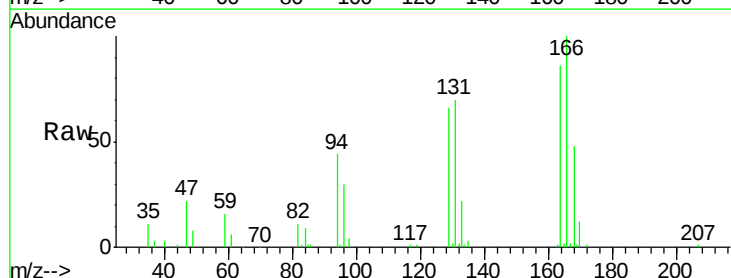
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

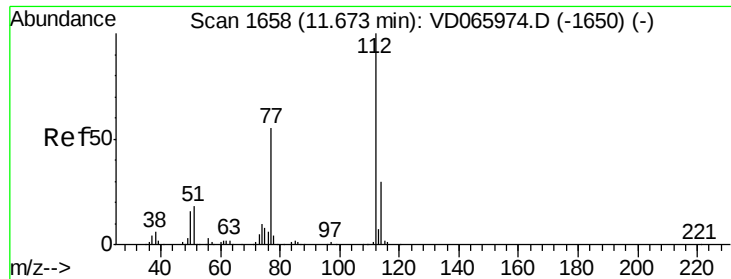
Tgt Ion:117 Resp: 355730
Ion Ratio Lower Upper
117 100
82 49.0 41.1 61.7
119 30.8 25.9 38.9



#64
Tetrachloroethene
Concen: 22.757 ug/l
RT: 10.88 min Scan# 1524
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion:164 Resp: 54946
Ion Ratio Lower Upper
164 100
166 116.6 99.1 148.7
129 77.4 71.5 107.3
131 82.1 69.8 104.6

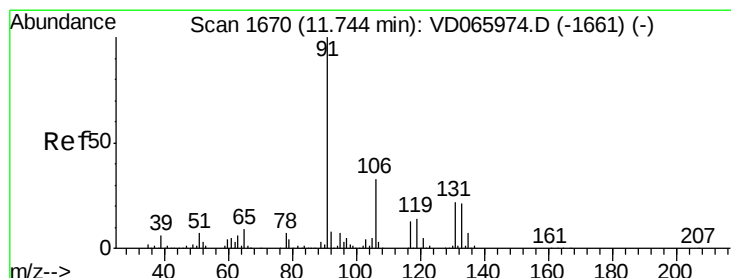
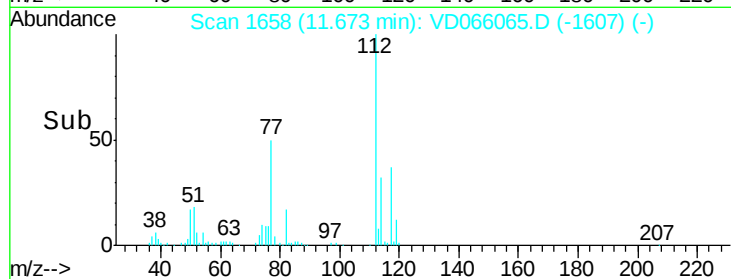
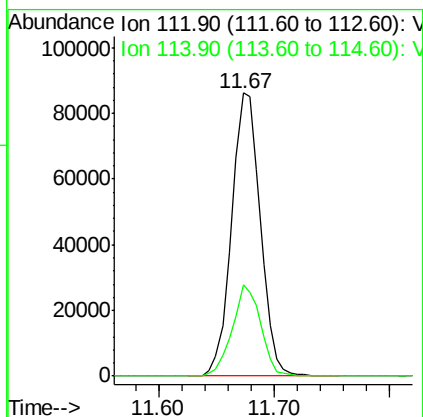
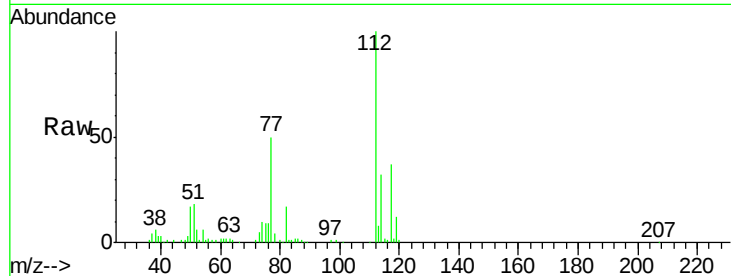




#65
Chlorobenzene
Concen: 22.822 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

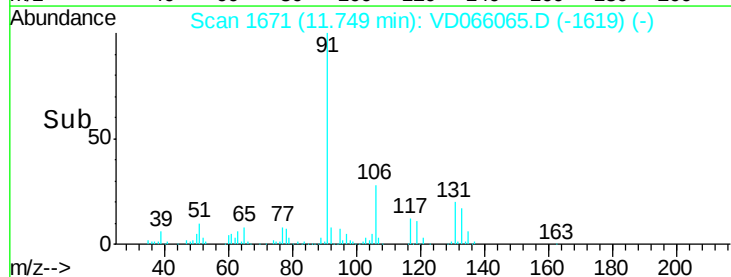
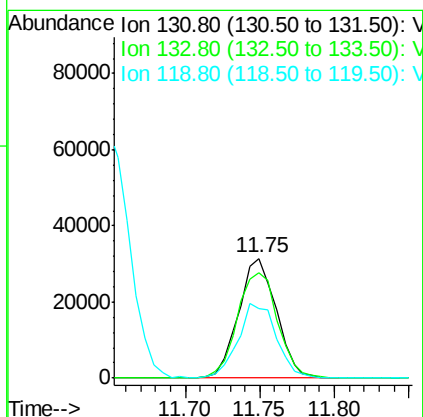
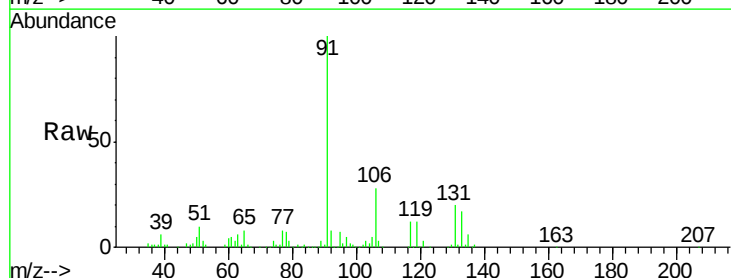
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

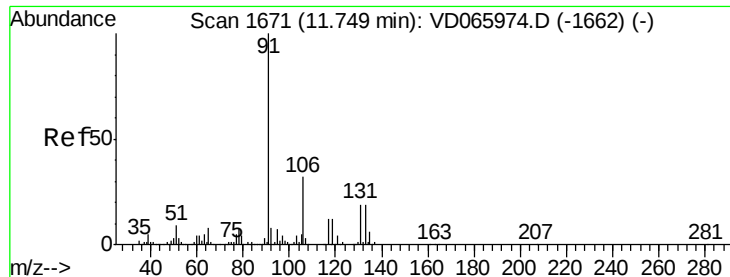
Tgt Ion:112 Resp: 148647
Ion Ratio Lower Upper
112 100
114 32.5 24.4 36.6



#66
1,1,1,2-Tetrachloroethane
Concen: 22.953 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion:131 Resp: 55200
Ion Ratio Lower Upper
131 100
133 94.2 47.3 142.0
119 63.3 31.7 95.1





#67

Ethyl Benzene

Concen: 22.955 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

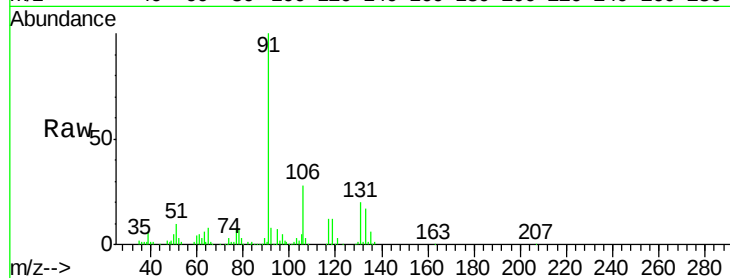
VD0727SBS01

Tgt Ion: 91 Resp: 257296

Ion Ratio Lower Upper

91 100

106 28.2 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

11.75

150000

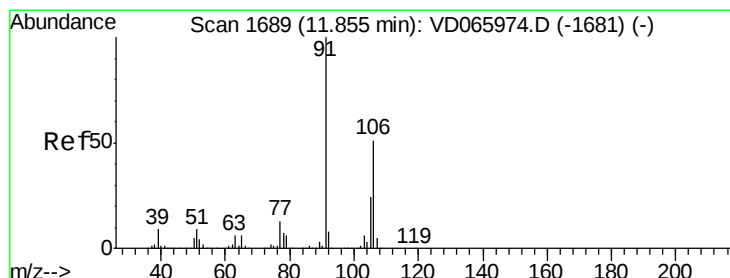
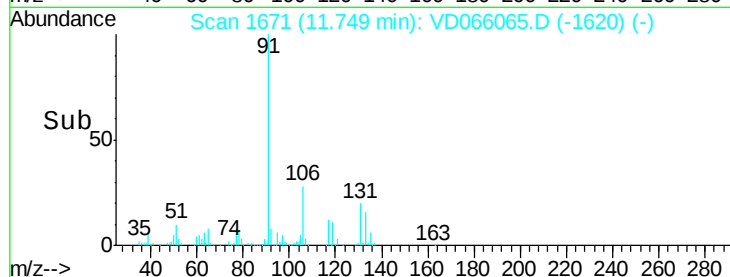
100000

50000

0

Time-->

11.70 11.75 11.80



#68

m/p-Xylenes

Concen: 45.040 ug/l

RT: 11.86 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VD066065.D

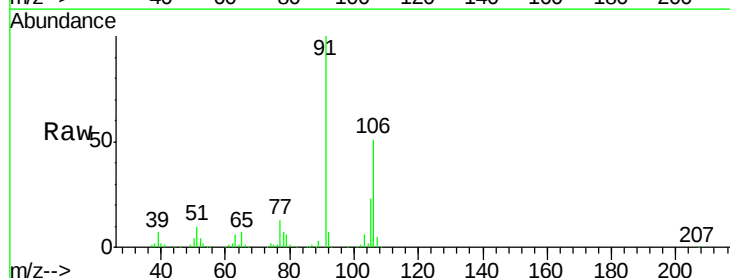
Acq: 27 Jul 2020 14:14

Tgt Ion: 106 Resp: 194040

Ion Ratio Lower Upper

106 100

91 204.2 157.0 235.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

11.86

200000

150000

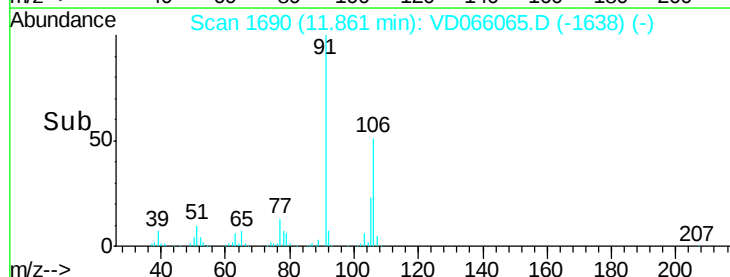
100000

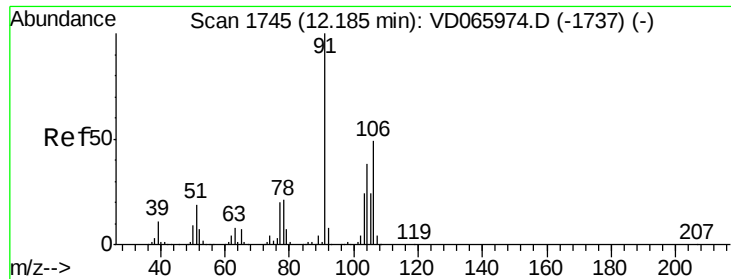
50000

0

Time-->

11.80 11.86 11.90

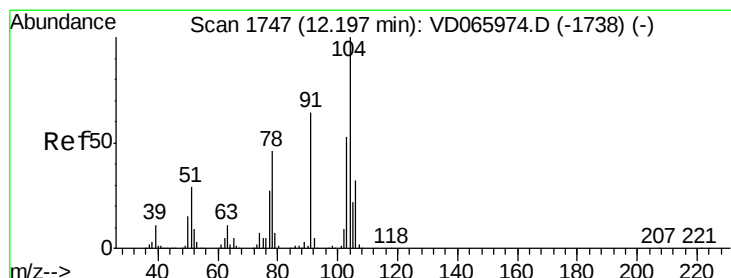
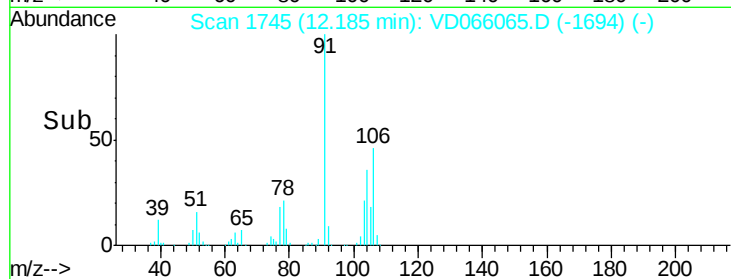
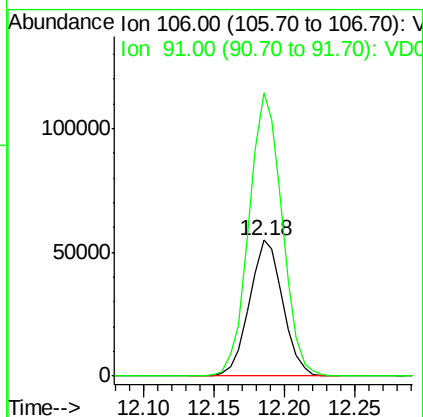
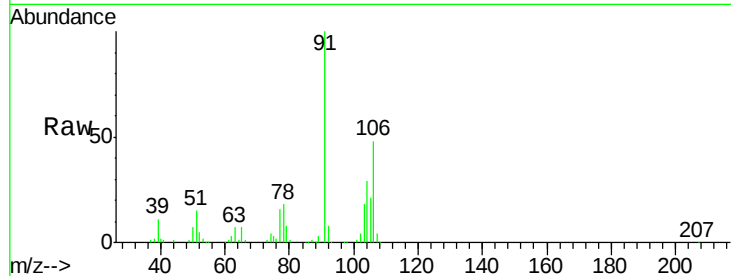




#69
o-Xylene
Concen: 23.250 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

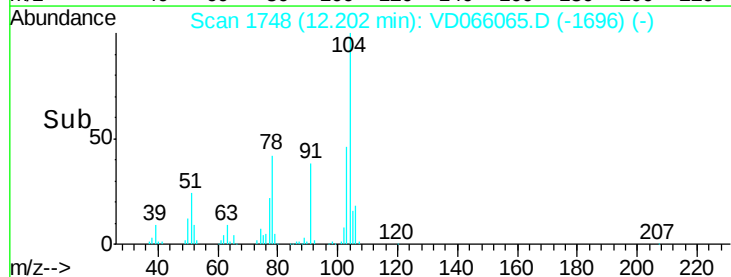
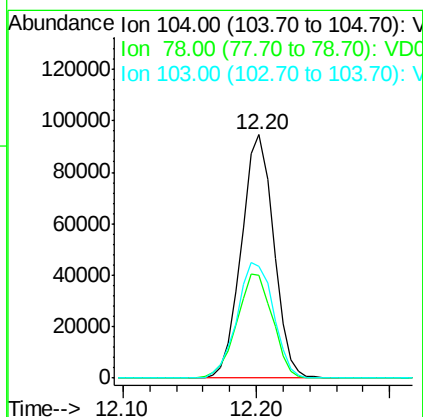
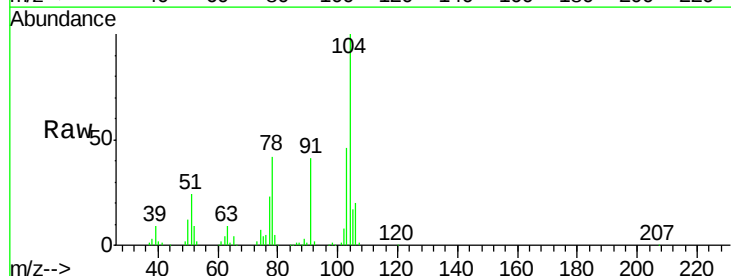
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

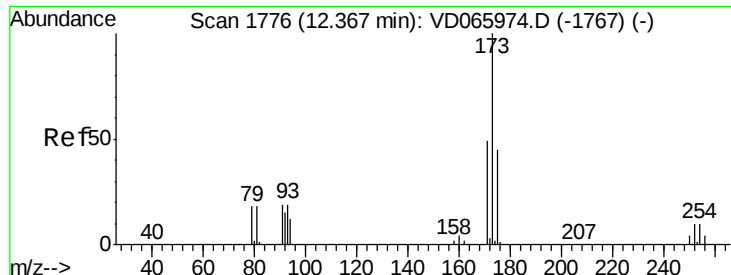
Tgt Ion:106 Resp: 91103
Ion Ratio Lower Upper
106 100
91 207.4 103.1 309.3



#70
Styrene
Concen: 23.545 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion:104 Resp: 158515
Ion Ratio Lower Upper
104 100
78 47.4 38.3 57.5
103 53.6 43.8 65.8

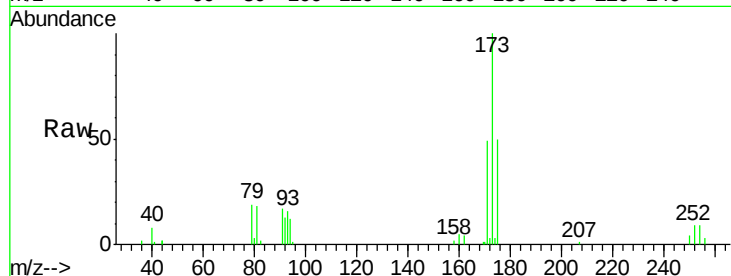




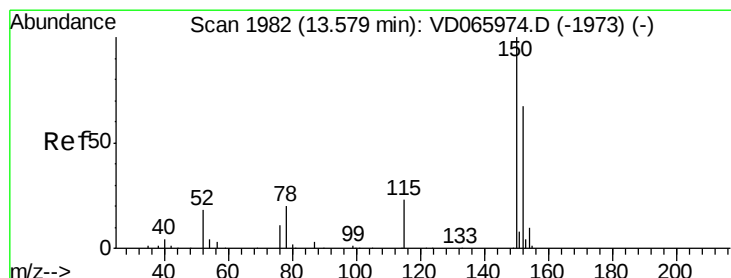
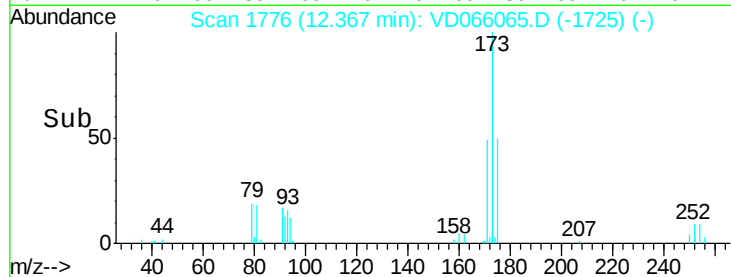
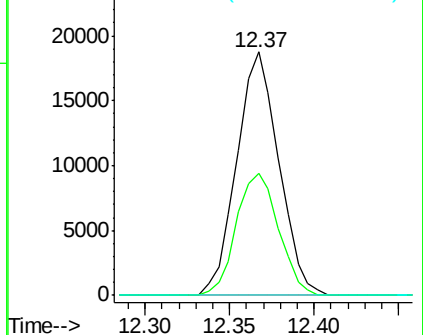
#71
Bromoform
Concen: 23.075 ug/l
RT: 12.37 min Scan# 1776
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:173 Resp: 32506
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.3
254 0.0 0.0 0.0

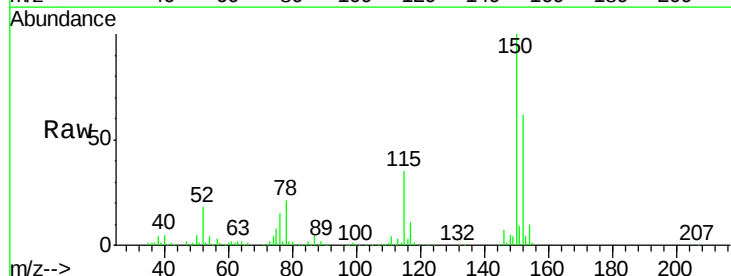


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

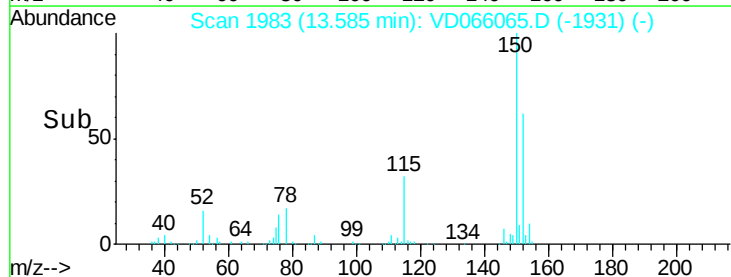
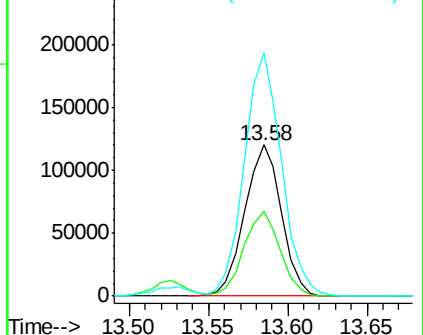


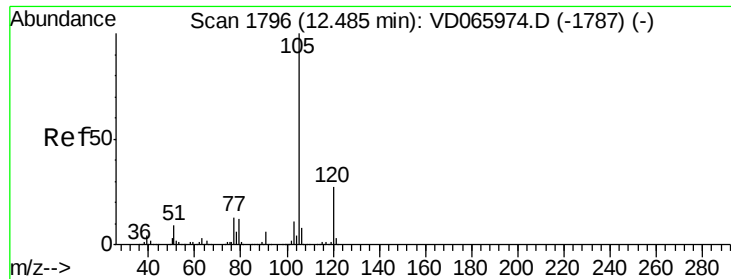
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion:152 Resp: 193146
Ion Ratio Lower Upper
152 100
115 55.3 27.9 83.7
150 163.7 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: 21.483 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

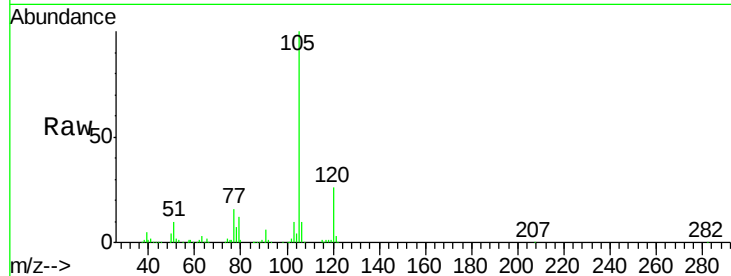
VD0727SBS01

Tgt Ion: 105 Resp: 251073

Ion Ratio Lower Upper

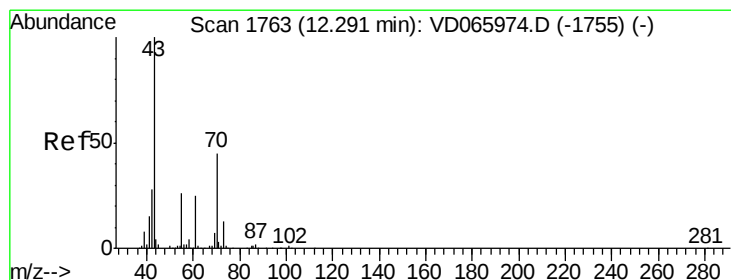
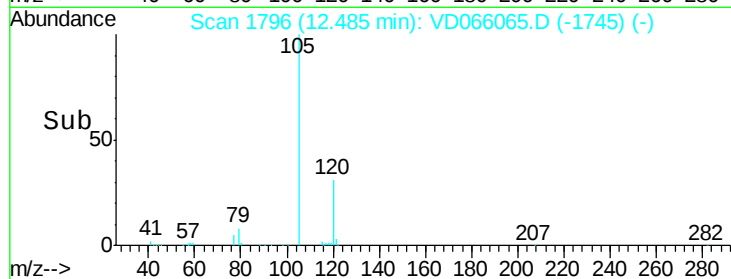
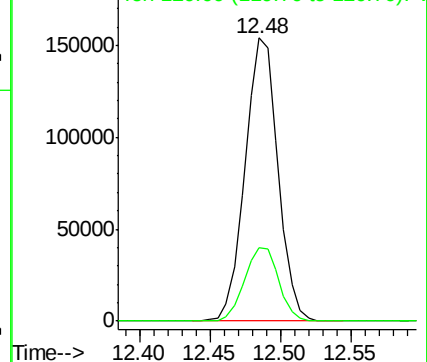
105 100

120 27.0 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: 19.497 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Tgt Ion: 43 Resp: 47246

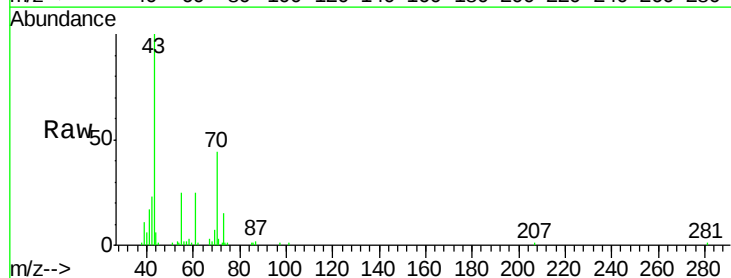
Ion Ratio Lower Upper

43 100

70 41.7 34.6 51.8

55 25.5 20.3 30.5

61 24.8 19.5 29.3

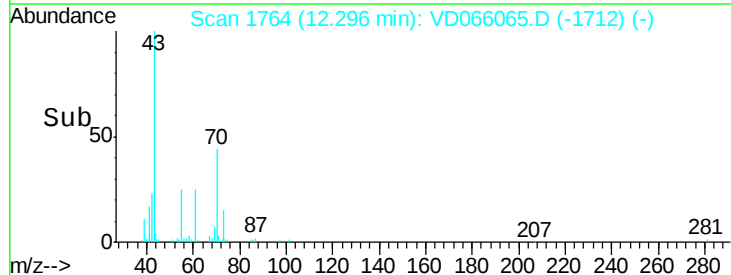
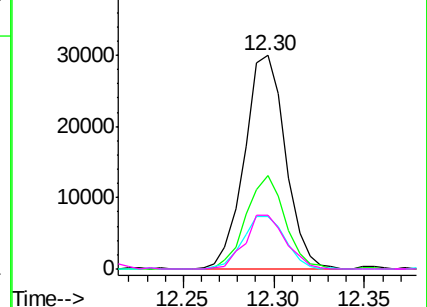


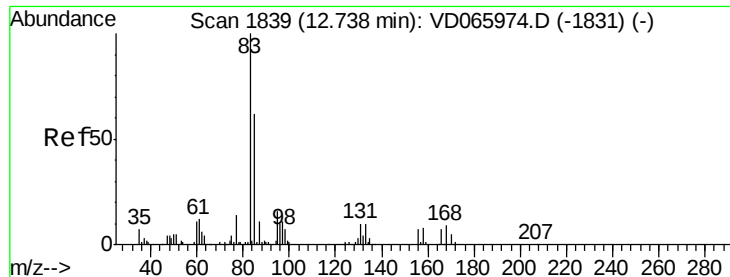
Abundance Ion 43.00 (42.70 to 43.70): V

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: 20.224 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

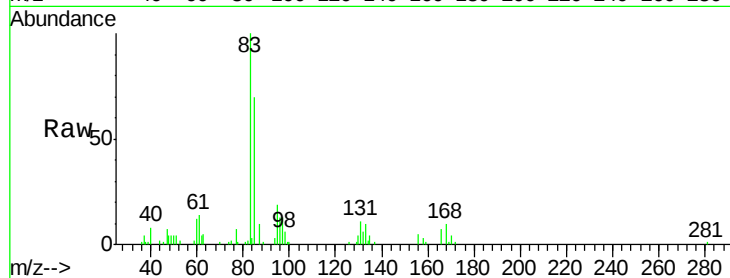
Tgt Ion: 83 Resp: 39063

Ion Ratio Lower Upper

83 100

131 11.6 5.7 17.1

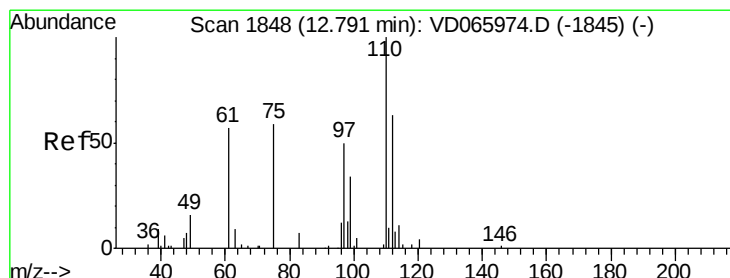
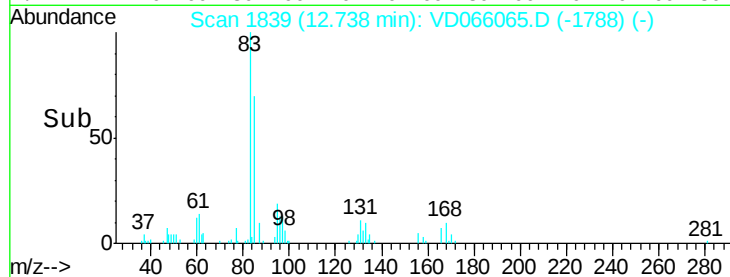
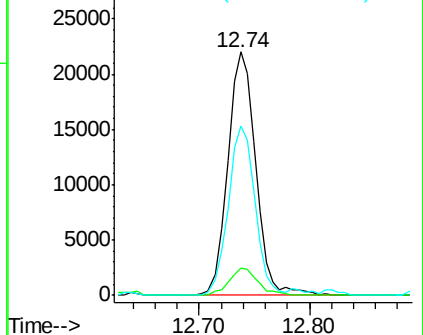
85 66.7 31.9 95.5



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: 34.904 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. -0.00 min

Lab File: VD066065.D

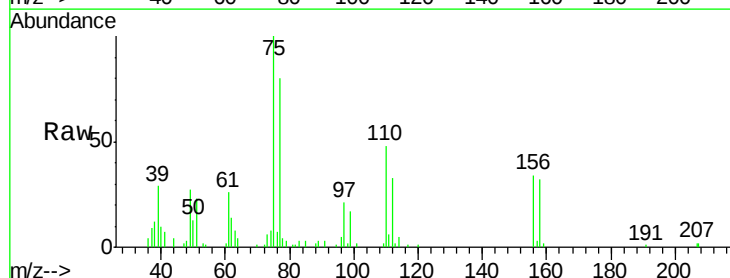
Acq: 27 Jul 2020 14:14

Tgt Ion: 75 Resp: 50761

Ion Ratio Lower Upper

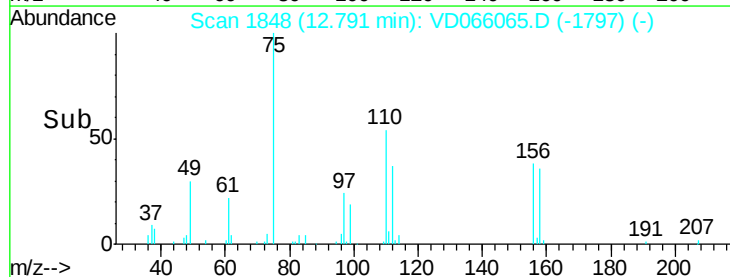
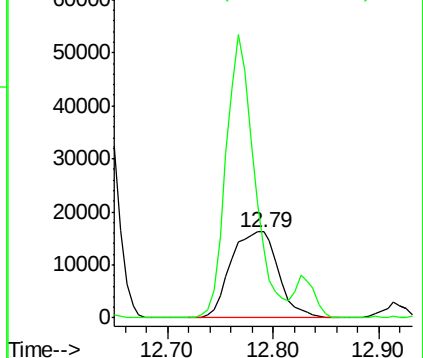
75 100

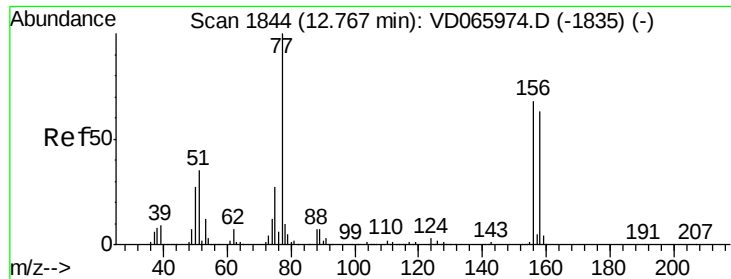
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.935 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

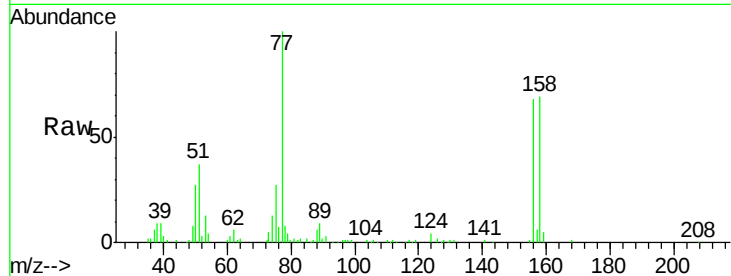
Tgt Ion:156 Resp: 62531

Ion Ratio Lower Upper

156 100

77 160.0 83.0 249.0

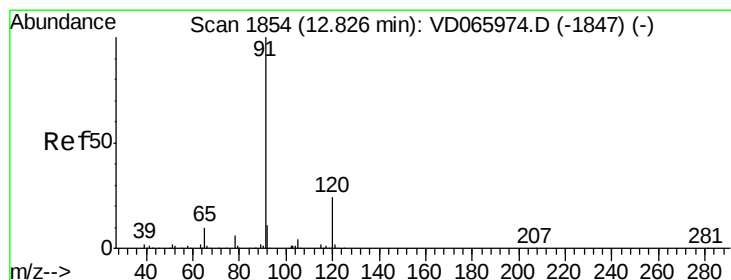
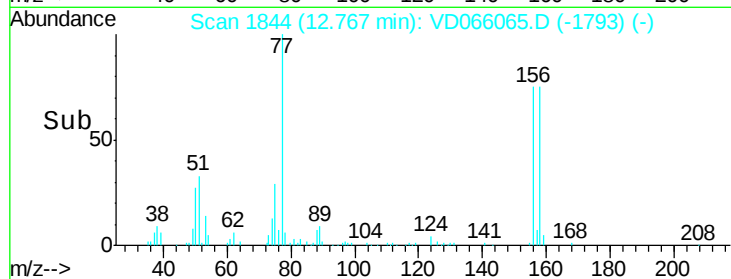
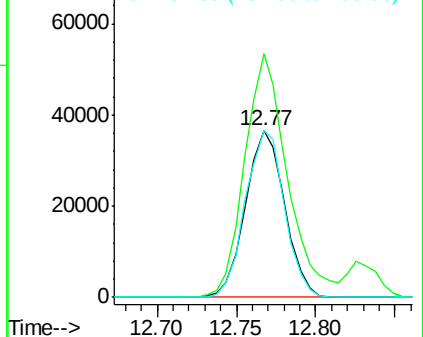
158 100.5 48.2 144.6



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: 21.837 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD066065.D

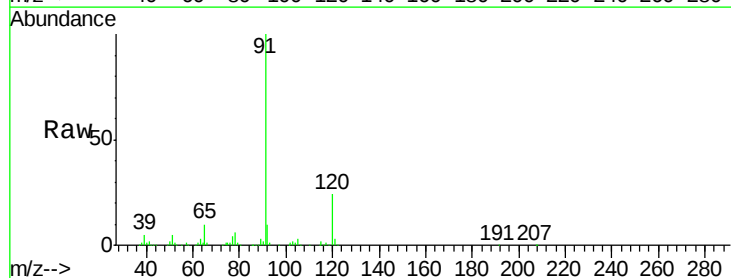
Acq: 27 Jul 2020 14:14

Tgt Ion: 91 Resp: 296150

Ion Ratio Lower Upper

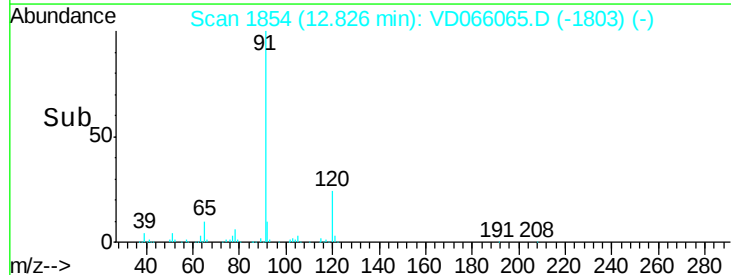
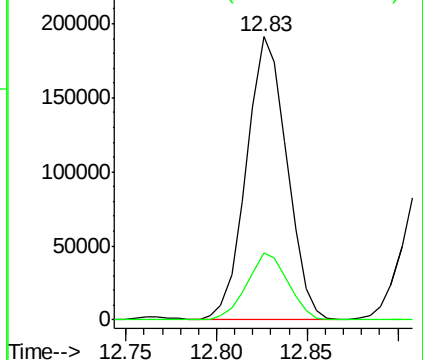
91 100

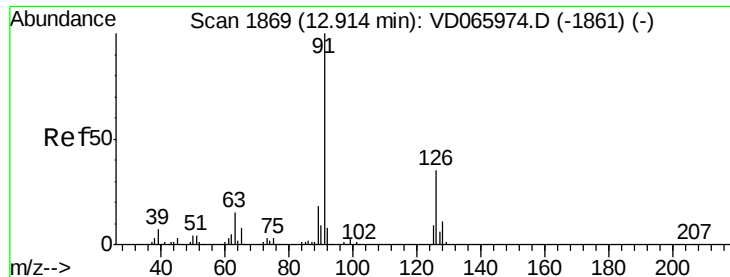
120 24.2 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.365 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

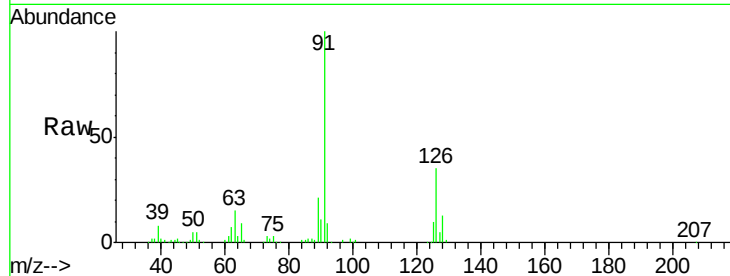
VD0727SBS01

Tgt Ion: 91 Resp: 165537

Ion Ratio Lower Upper

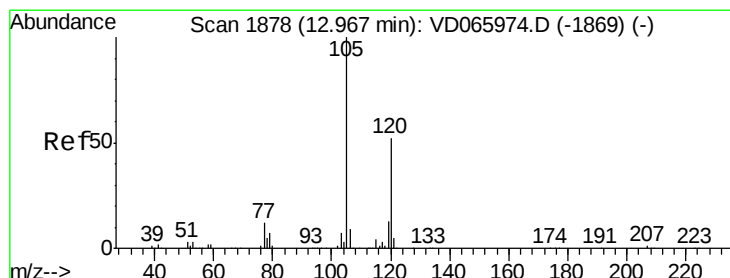
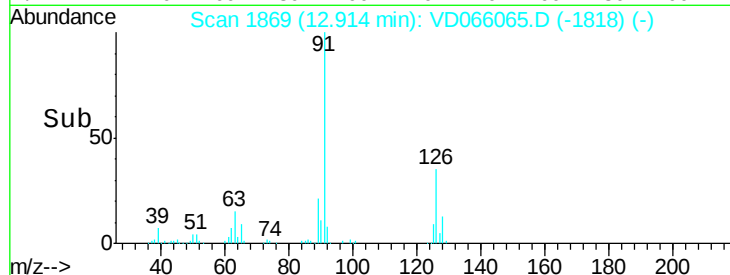
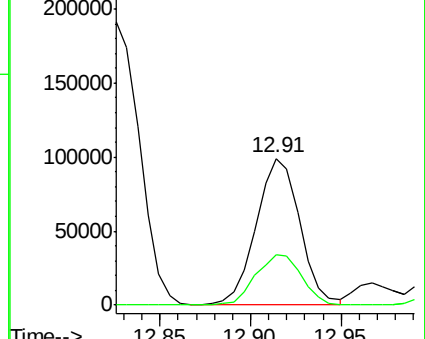
91 100

126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066065.D (-1818) (-)

Ion 125.90 (125.60 to 126.60): VD066065.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.222 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066065.D

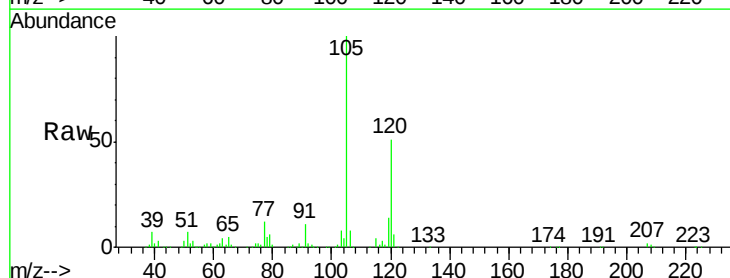
Acq: 27 Jul 2020 14:14

Tgt Ion: 105 Resp: 213376

Ion Ratio Lower Upper

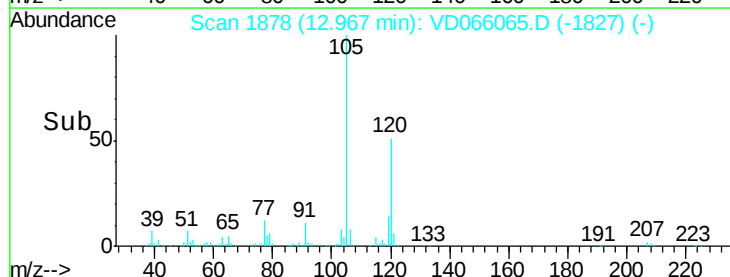
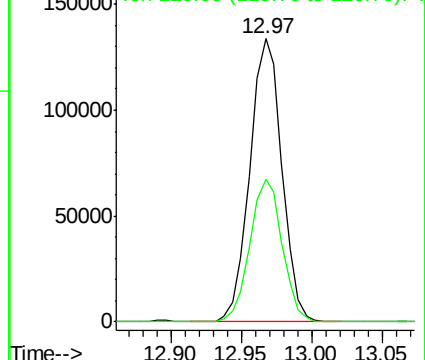
105 100

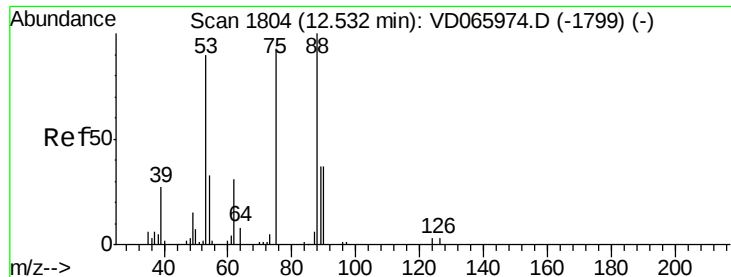
120 51.0 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD066065.D (-1827) (-)

Ion 120.00 (119.70 to 120.70): VD066065.D (-1827) (-)

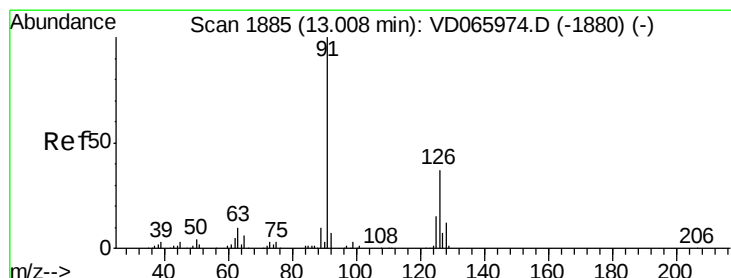
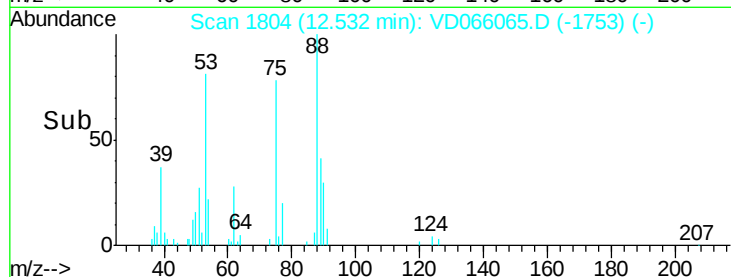
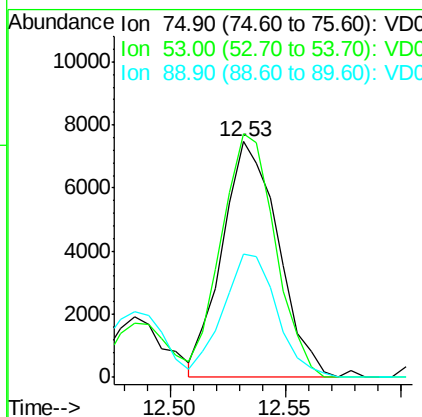
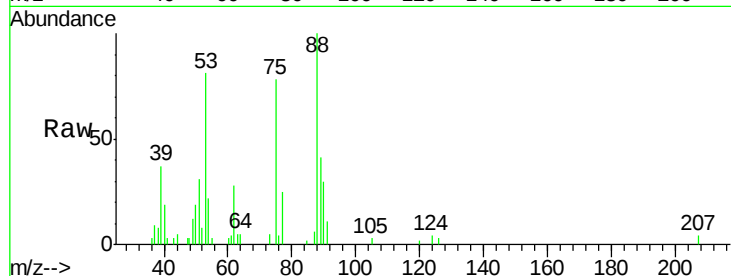




#81
trans-1,4-Dichloro-2-butene
Concen: 19.976 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

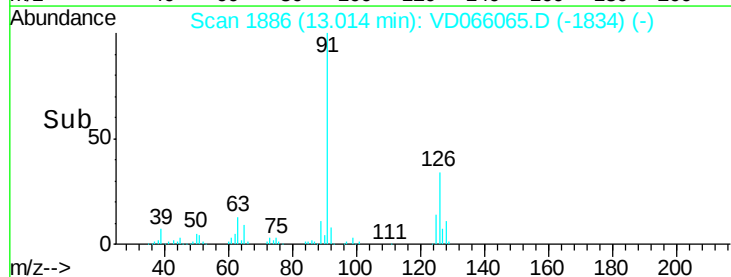
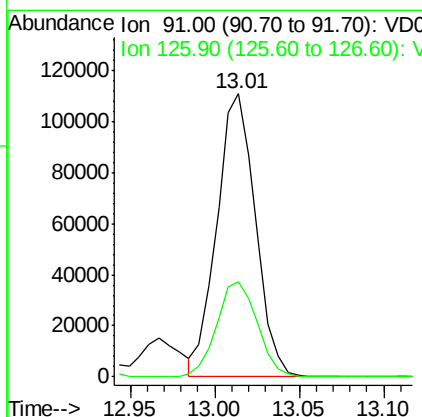
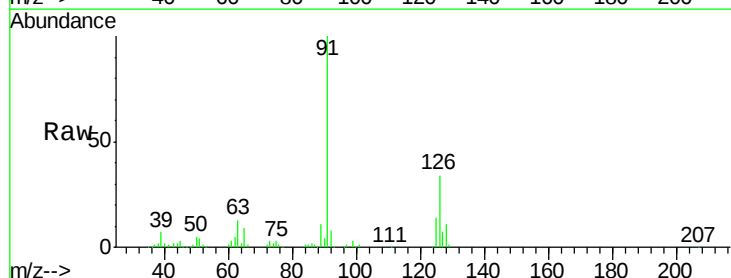
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

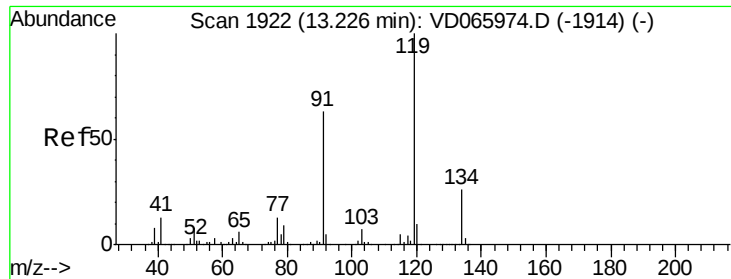
Tgt Ion: 75 Resp: 12660
Ion Ratio Lower Upper
75 100
53 99.0 76.8 115.2
89 50.4 37.0 55.4



#82
4-Chlorotoluene
Concen: 21.514 ug/l
RT: 13.01 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 91 Resp: 175941
Ion Ratio Lower Upper
91 100
126 35.6 17.8 53.5

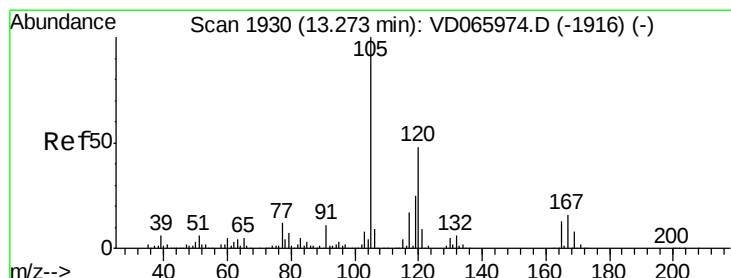
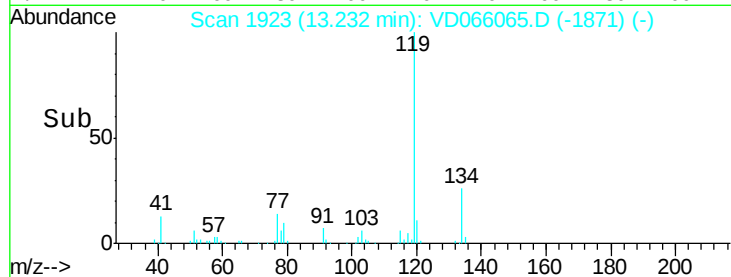
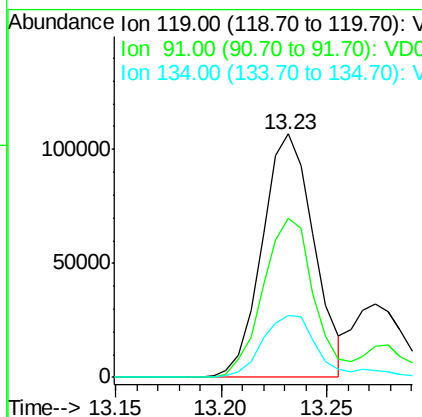
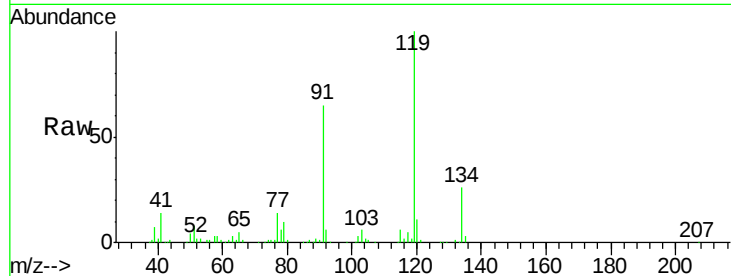




#83
 tert-Butylbenzene
 Concen: 21.674 ug/l
 RT: 13.23 min Scan# 1923
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

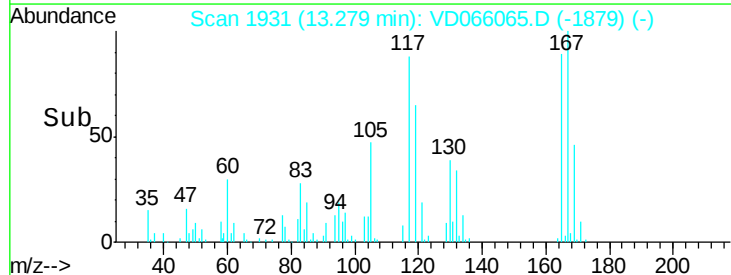
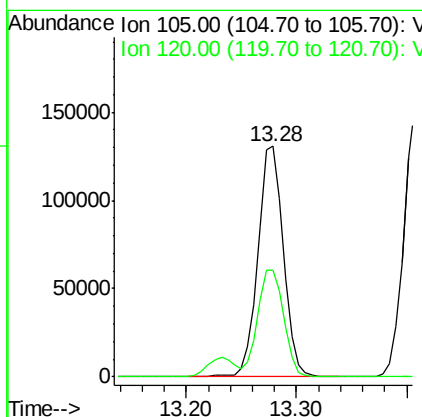
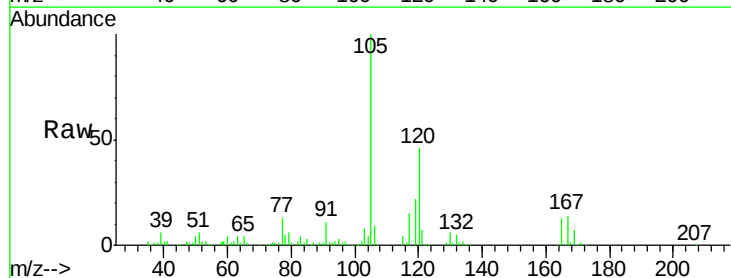
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

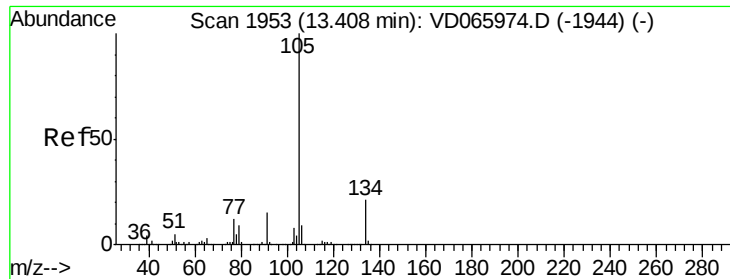
Tgt Ion:119 Resp: 182109
 Ion Ratio Lower Upper
 119 100
 91 64.6 30.6 91.6
 134 26.3 13.9 41.7



#84
 1,2,4-Trimethylbenzene
 Concen: 22.418 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion:105 Resp: 212365
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.9 71.8





#85

sec-Butylbenzene

Concen: 22.197 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

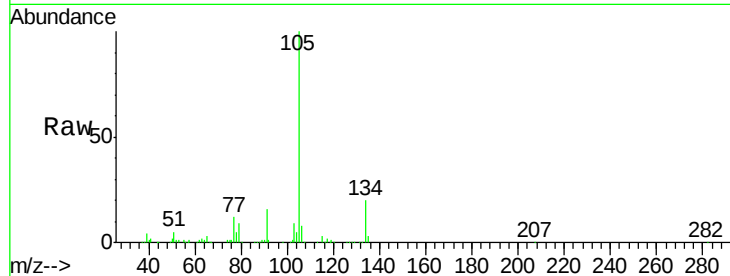
VD0727SBS01

Tgt Ion:105 Resp: 256894

Ion Ratio Lower Upper

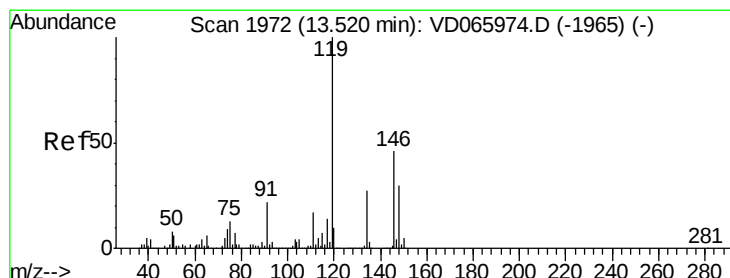
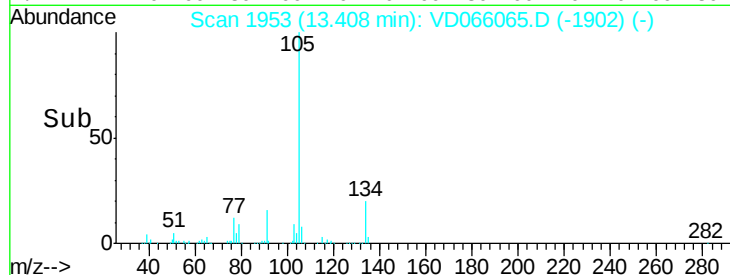
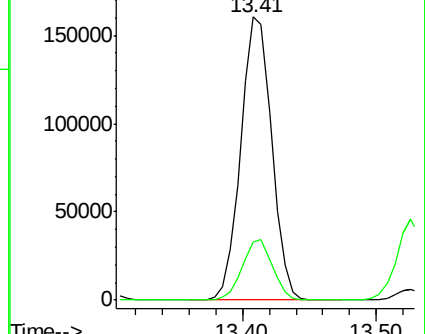
105 100

134 20.8 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.310 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

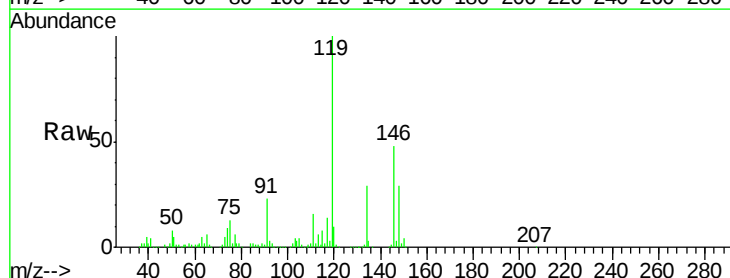
Tgt Ion:119 Resp: 245086

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

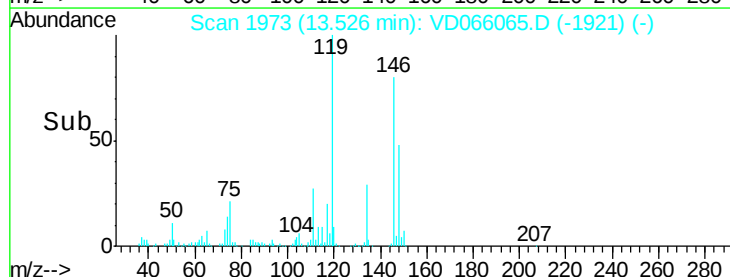
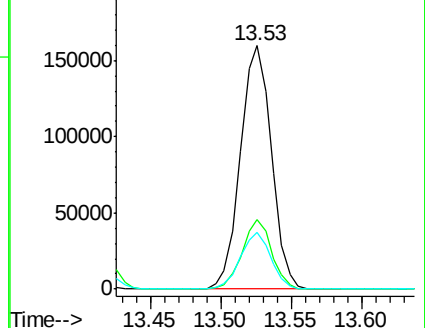
91 22.9 11.1 33.3

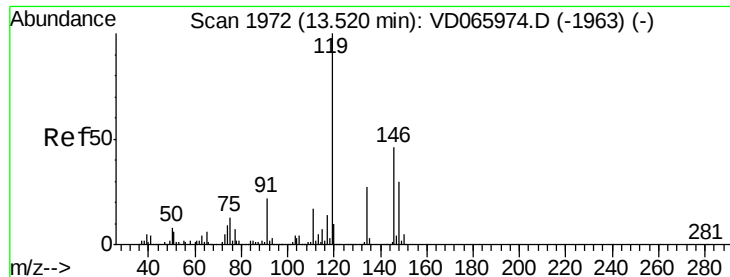


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

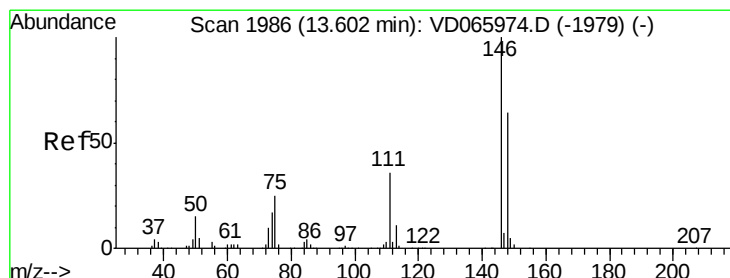
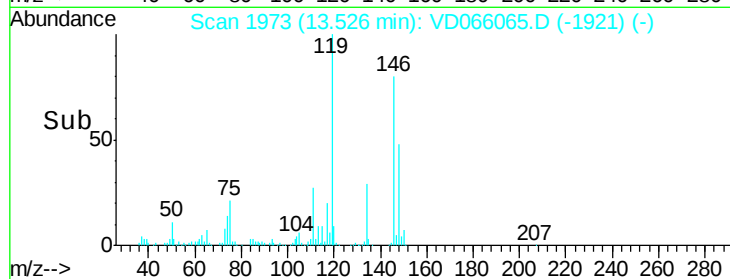
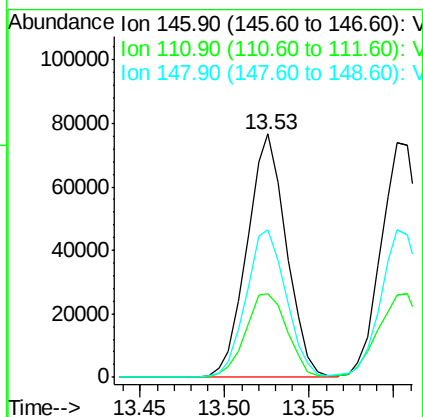
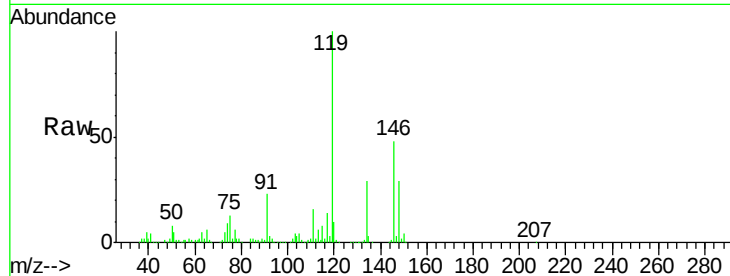




#87
 1,3-Dichlorobenzene
 Concen: 22.385 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

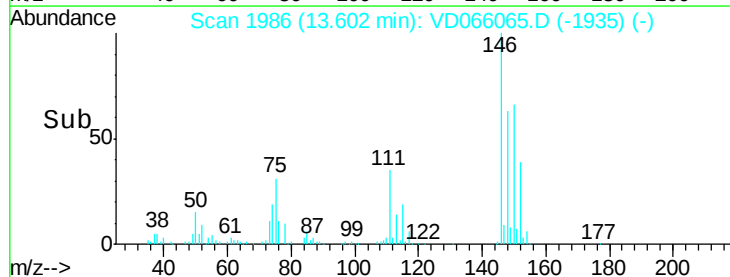
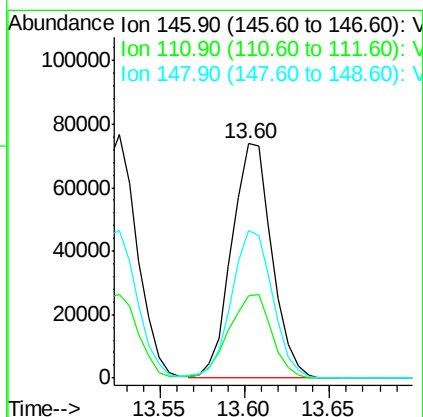
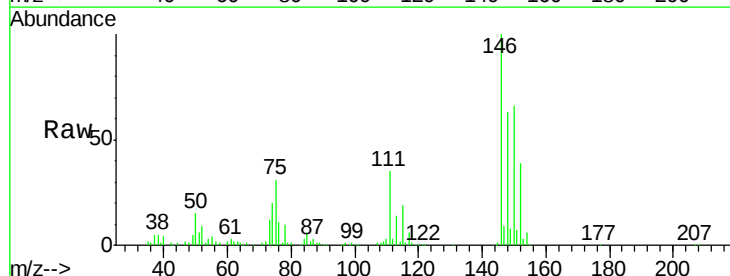
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBSD01

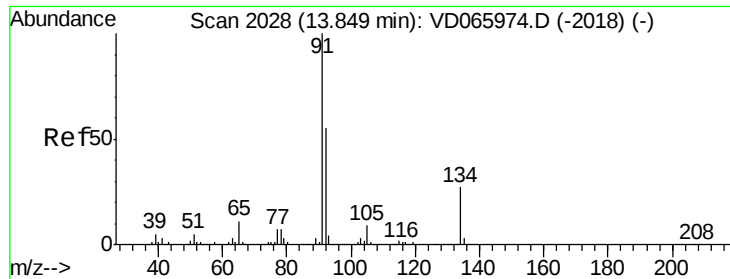
Tgt Ion:146 Resp: 124137
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.6 55.6
 148 61.9 32.4 97.0



#88
 1,4-Dichlorobenzene
 Concen: 21.854 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066065.D
 Acq: 27 Jul 2020 14:14

Tgt Ion:146 Resp: 122515
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.8 56.4
 148 64.4 32.2 96.6

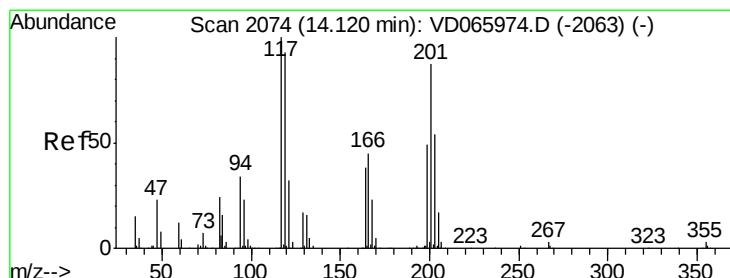
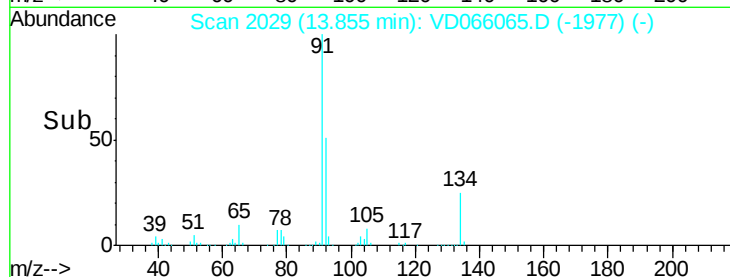
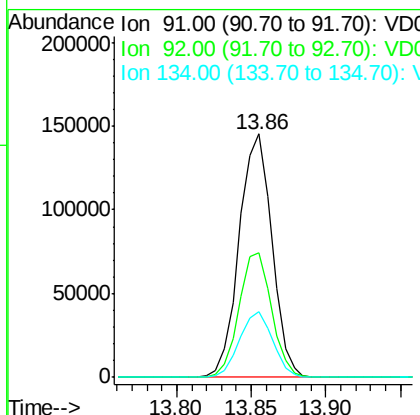
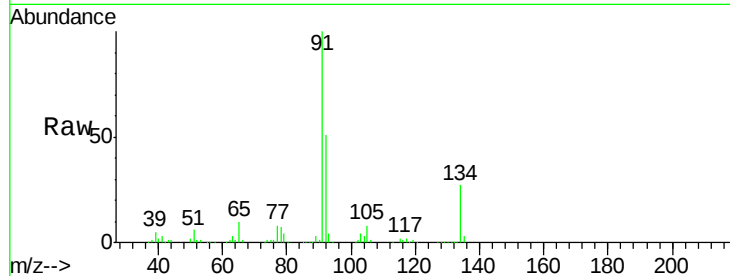




#89
n-Butylbenzene
Concen: 22.697 ug/l
RT: 13.86 min Scan# 2029
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

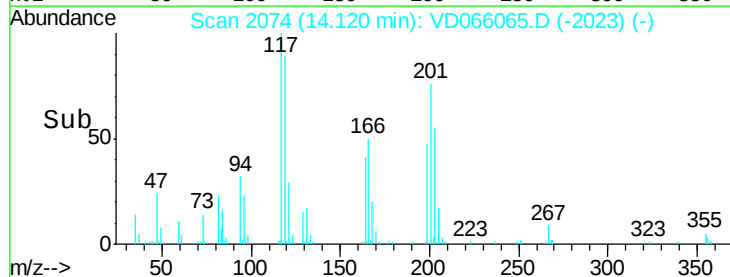
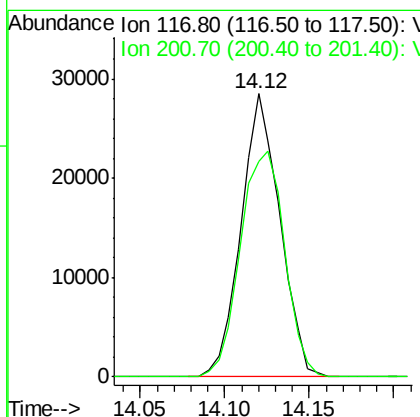
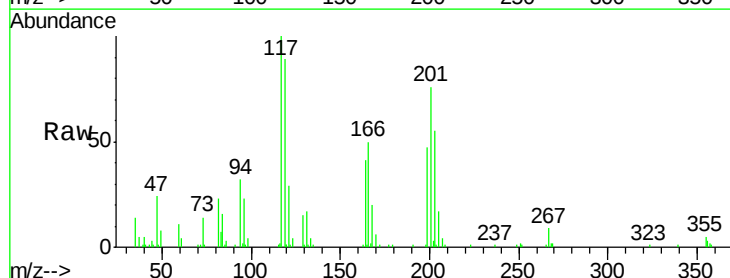
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBSD01

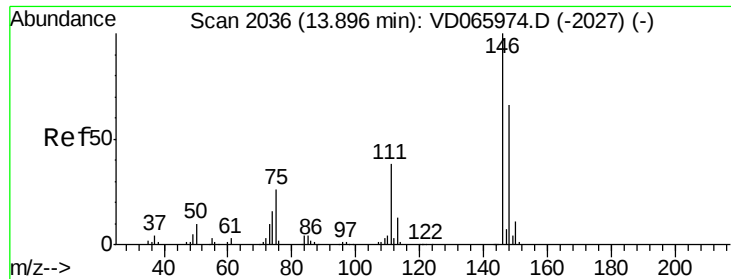
Tgt Ion: 91 Resp: 221902
Ion Ratio Lower Upper
91 100
92 50.9 27.2 81.6
134 27.2 13.8 41.4



#90
Hexachloroethane
Concen: 20.964 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion: 117 Resp: 45630
Ion Ratio Lower Upper
117 100
201 90.7 42.0 126.1





#91

1,2-Dichlorobenzene

Concen: 22.610 ug/l

RT: 13.90 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

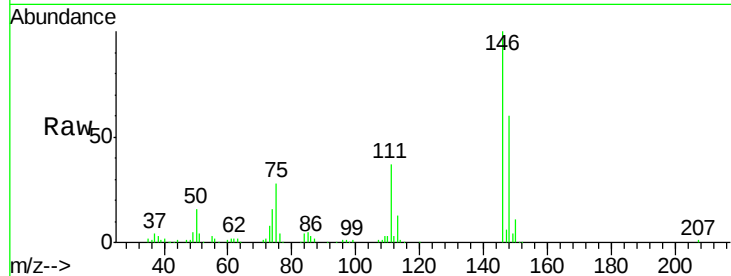
Tgt Ion:146 Resp: 108650

Ion Ratio Lower Upper

146 100

111 38.1 19.3 57.9

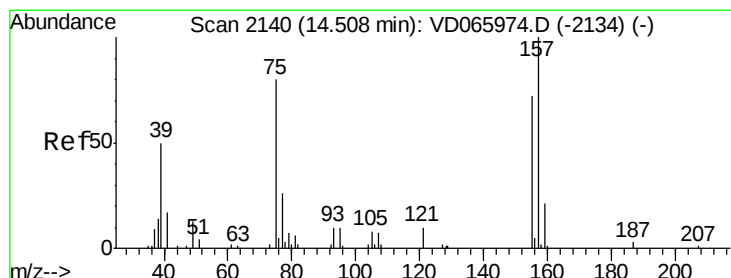
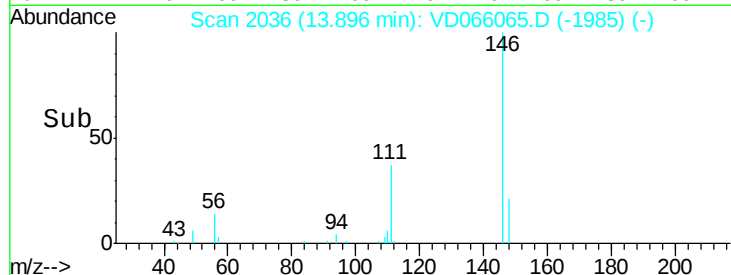
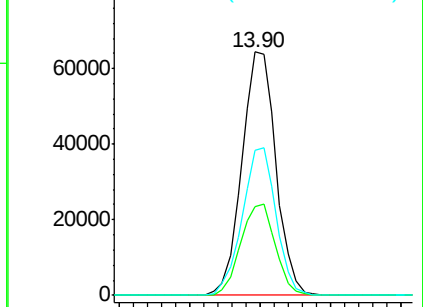
148 60.5 32.7 98.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.677 ug/l

RT: 14.52 min Scan# 2142

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

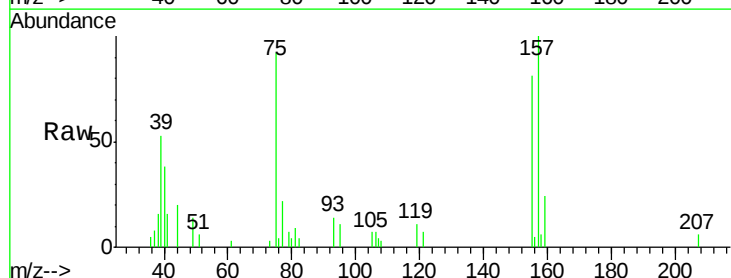
Tgt Ion: 75 Resp: 6862

Ion Ratio Lower Upper

75 100

155 93.6 48.5 145.5

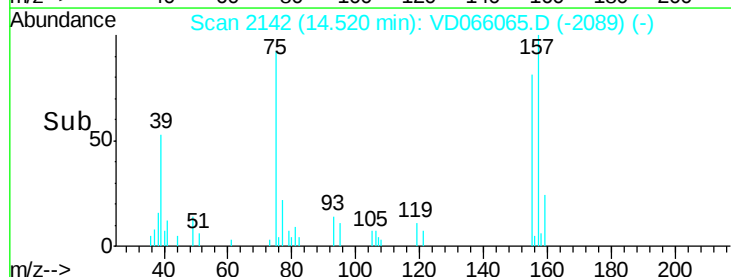
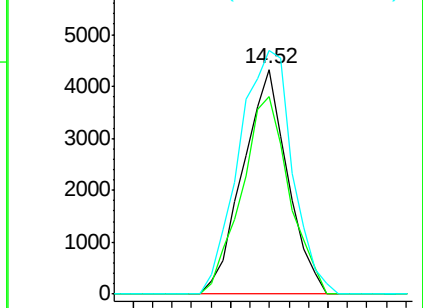
157 129.7 64.7 194.1

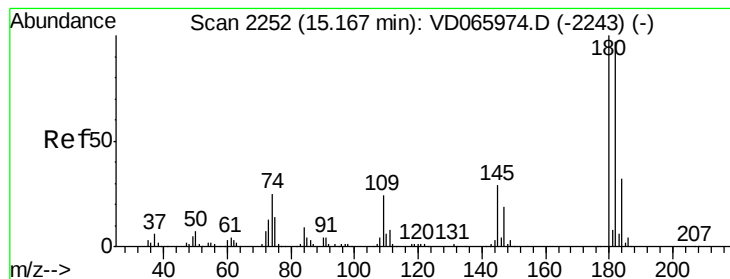


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 22.294 ug/l

RT: 15.17 min Scan# 2253

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

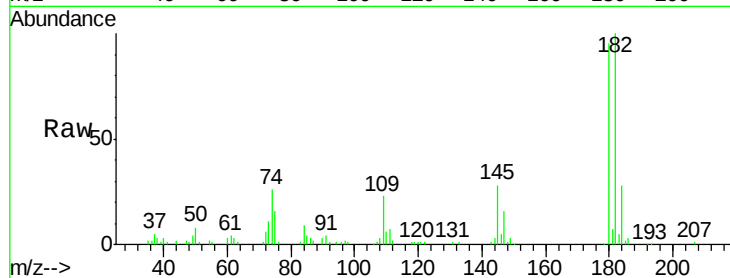
Tgt Ion:180 Resp: 76897

Ion Ratio Lower Upper

180 100

182 99.1 48.1 144.3

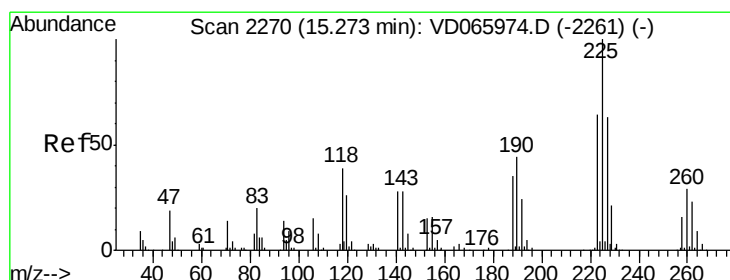
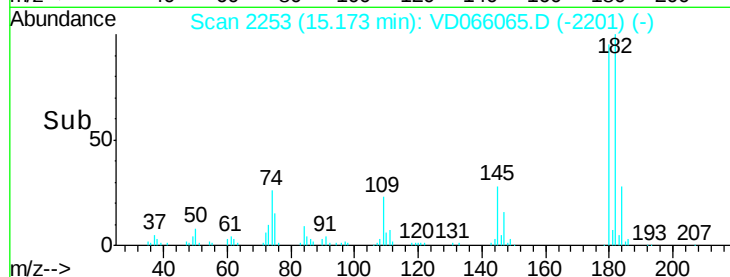
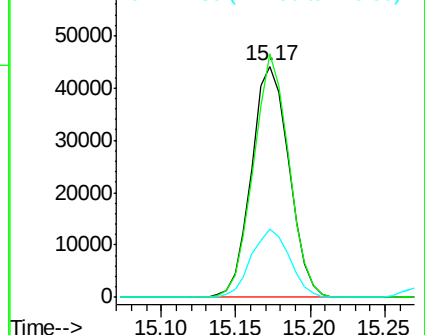
145 30.1 14.7 44.1



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 22.745 ug/l

RT: 15.28 min Scan# 2271

Delta R.T. 0.01 min

Lab File: VD066065.D

Acq: 27 Jul 2020 14:14

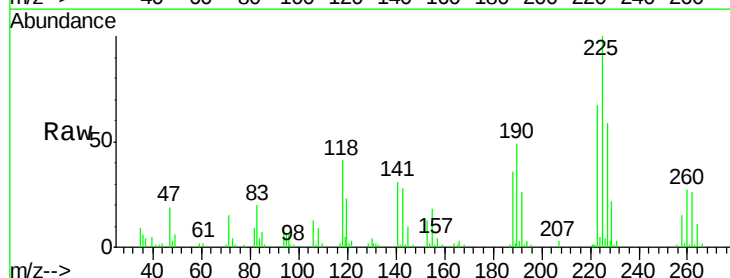
Tgt Ion:225 Resp: 48503

Ion Ratio Lower Upper

225 100

223 62.1 31.2 93.6

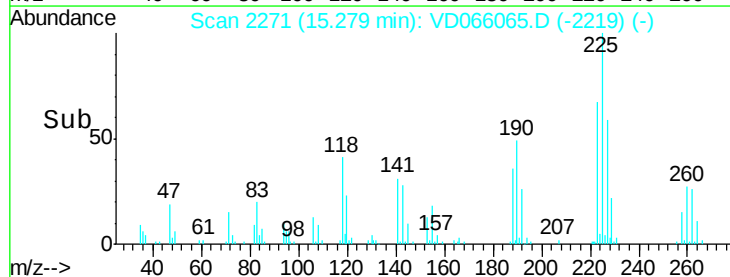
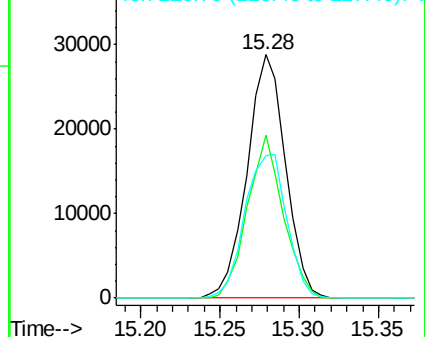
227 64.6 31.6 94.8

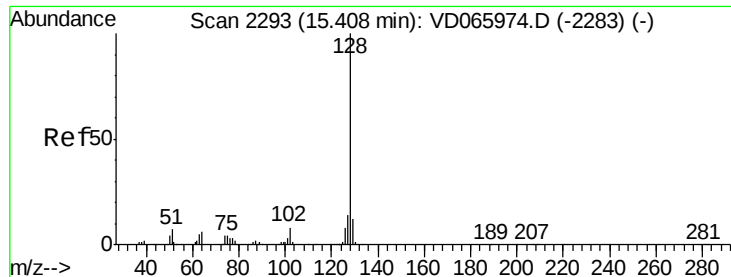


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

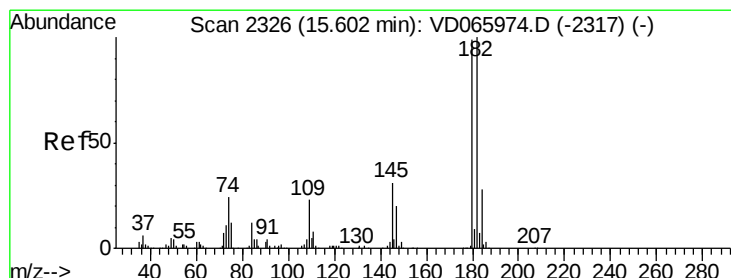
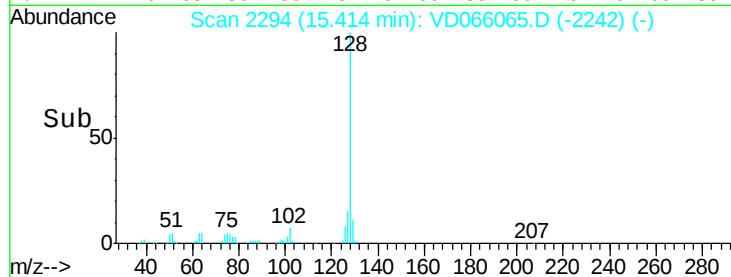
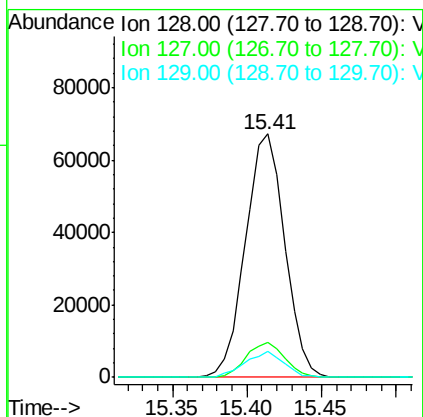
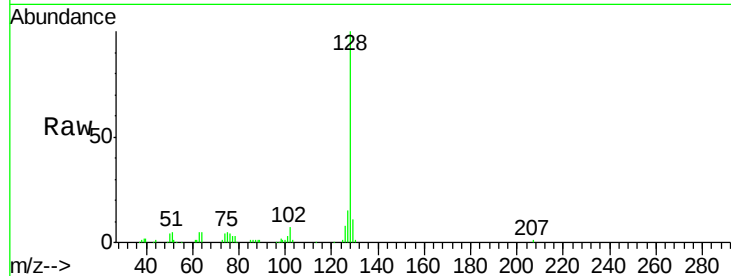




#95
Naphthalene
Concen: 22.064 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:128 Resp: 122252
Ion Ratio Lower Upper
128 100
127 14.3 10.8 16.2
129 10.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 22.609 ug/l
RT: 15.61 min Scan# 2327
Delta R.T. 0.01 min
Lab File: VD066065.D
Acq: 27 Jul 2020 14:14

Tgt Ion:180 Resp: 67795
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.6
145 30.4 15.4 46.2

