

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
 Data File : VD066274.D
 Acq On : 18 Aug 2020 13:32
 Operator : VA/SY
 Sample : VD0818SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

Quant Time: Aug 18 13:53:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	259742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	368982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	339458	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	177694	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	121051	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
35) Dibromofluoromethane	7.91	113	122058	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
50) Toluene-d8	10.34	98	446583	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
62) 4-Bromofluorobenzene	12.63	95	160592	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	48508	21.197	ug/l	97
3) Chloromethane	2.20	50	34232	19.230	ug/l	99
4) Vinyl Chloride	2.35	62	34476	21.876	ug/l	98
5) Bromomethane	2.76	94	23695	22.661	ug/l	98
6) Chloroethane	2.91	64	21008	21.716	ug/l	93
7) Trichlorofluoromethane	3.27	101	87810	21.371	ug/l	100
8) Diethyl Ether	3.70	74	22578	19.475	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	51310	21.042	ug/l	98
10) Methyl Iodide	4.30	142	43603	23.716	ug/l	99
11) Tert butyl alcohol	5.21	59	21579	102.259	ug/l	96
12) 1,1-Dichloroethene	4.06	96	46352	20.150	ug/l	98
13) Acrolein	3.92	56	10367	56.204	ug/l	98
14) Allyl chloride	4.71	41	63565	18.240	ug/l	93
15) Acrylonitrile	5.42	53	46075	94.312	ug/l	99
16) Acetone	4.16	43	45029	102.411	ug/l	95
17) Carbon Disulfide	4.41	76	136763	18.699	ug/l	98
18) Methyl Acetate	4.71	43	21360	19.126	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	102986	19.533	ug/l	95
20) Methylene Chloride	4.96	84	66869	24.062	ug/l	93
21) trans-1,2-Dichloroethene	5.47	96	50252	19.017	ug/l	91
22) Diisopropyl ether	6.36	45	132677	19.252	ug/l	93
23) Vinyl Acetate	6.30	43	375904	93.108	ug/l	97
24) 1,1-Dichloroethane	6.26	63	85400	20.024	ug/l	98
25) 2-Butanone	7.21	43	60070	92.887	ug/l	95
26) 2,2-Dichloropropane	7.20	77	82811	21.664	ug/l	98
27) cis-1,2-Dichloroethene	7.20	96	56681	20.450	ug/l	100
28) Bromochloromethane	7.54	49	32788	21.889	ug/l	98
29) Tetrahydrofuran	7.56	42	36243	90.455	ug/l	99
30) Chloroform	7.71	83	92159	20.579	ug/l	95
31) Cyclohexane	7.98	56	75571	18.615	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	92018	21.915	ug/l	99
36) 1,1-Dichloropropene	8.11	75	71174	20.527	ug/l	99
37) Ethyl Acetate	7.29	43	26931	19.603	ug/l	95
38) Carbon Tetrachloride	8.09	117	87195	22.551	ug/l	94

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 Sample : VD0818SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0818SBS01

Quant Time: Aug 18 13:53:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	82591	19.705	ug/l	97
40) Benzene	8.34	78	192750	20.039	ug/l	99
41) Methacrylonitrile	7.56	41	37443	46.355	ug/l #	21
42) 1,2-Dichloroethane	8.42	62	59860	21.184	ug/l	99
43) Isopropyl Acetate	8.44	43	51701	19.101	ug/l	99
44) Trichloroethene	9.11	130	61523	21.226	ug/l	93
45) 1,2-Dichloropropane	9.38	63	45392	19.296	ug/l	98
46) Dibromomethane	9.47	93	26380	20.358	ug/l	99
47) Bromodichloromethane	9.66	83	73458	21.449	ug/l	100
48) Methyl methacrylate	9.45	41	22434	16.231	ug/l #	76
49) 1,4-Dioxane	9.46	88	6138	368.700	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	129776	93.340	ug/l	100
52) Toluene	10.40	92	129906	20.525	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	66088	20.334	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	77422	20.332	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	36982	19.820	ug/l	90
56) Ethyl methacrylate	10.66	69	42979	19.175	ug/l	97
57) 1,3-Dichloropropane	10.94	76	63138	20.383	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	108059	107.176	ug/l	99
59) 2-Hexanone	10.98	43	88155	90.343	ug/l	98
60) Dibromochloromethane	11.14	129	52415	20.347	ug/l	98
61) 1,2-Dibromoethane	11.24	107	37526	20.912	ug/l	97
64) Tetrachloroethene	10.87	164	53154	20.392	ug/l	97
65) Chlorobenzene	11.67	112	144429	20.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	56207	20.846	ug/l	100
67) Ethyl Benzene	11.74	91	251138	21.030	ug/l	100
68) m/p-Xylenes	11.85	106	192633	41.635	ug/l	93
69) o-Xylene	12.18	106	87408	20.768	ug/l	100
70) Styrene	12.20	104	156228	21.181	ug/l	98
71) Bromoform	12.36	173	33717	21.106	ug/l #	98
73) Isopropylbenzene	12.48	105	245049	20.659	ug/l	97
74) N-amyl acetate	12.29	43	48107	18.418	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	38609	19.089	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	53334	35.992	ug/l #	100
77) Bromobenzene	12.76	156	61978	20.298	ug/l	97
78) n-propylbenzene	12.82	91	294282	21.343	ug/l	99
79) 2-Chlorotoluene	12.91	91	168321	21.344	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	214026	21.575	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	13213	19.711	ug/l	96
82) 4-Chlorotoluene	13.01	91	172779	20.755	ug/l	99
83) tert-Butylbenzene	13.23	119	179193	20.540	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	210631	21.217	ug/l	100
85) sec-Butylbenzene	13.40	105	252750	21.459	ug/l	99
86) p-Isopropyltoluene	13.52	119	241001	21.816	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	118645	20.674	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	119329	20.850	ug/l	97
89) n-Butylbenzene	13.85	91	208534	21.069	ug/l	98
90) Hexachloroethane	14.11	117	46395	21.058	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	102652	20.226	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7268	20.908	ug/l	97

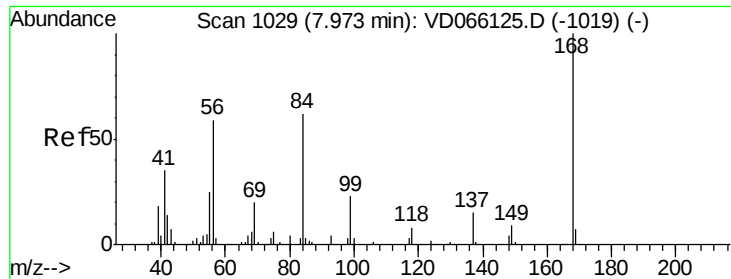
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
Data File : VD066274.D
Acq On : 18 Aug 2020 13:32
Operator : VA/SY
Sample : VD0818SBSD01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

Quant Time: Aug 18 13:53:32 2020
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	74901	20.026	ug/l	99
94) Hexachlorobutadiene	15.27	225	46409	21.072	ug/l	99
95) Naphthalene	15.41	128	116379	19.097	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	65349	19.793	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

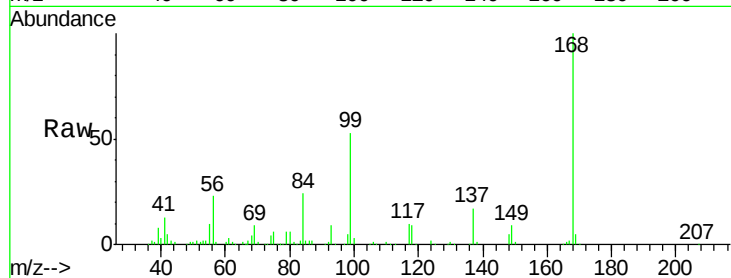
VD0818SBS01

Tgt Ion:168 Resp: 259742

Ion Ratio Lower Upper

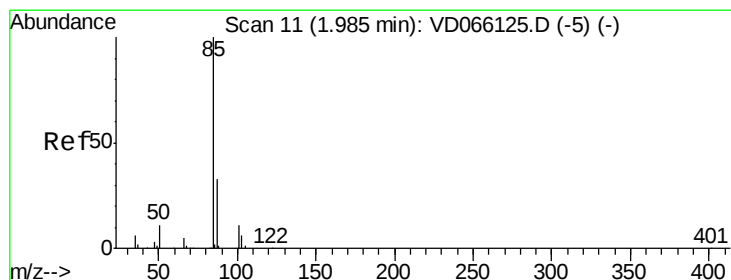
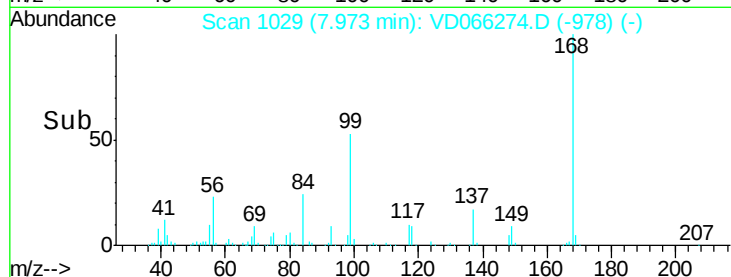
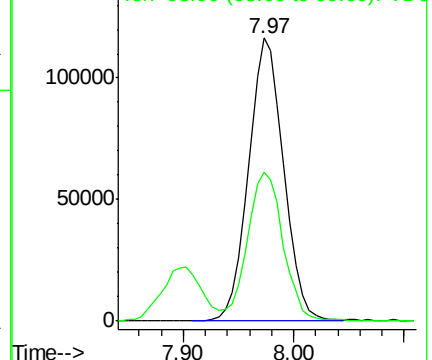
168 100

99 52.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.197 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066274.D

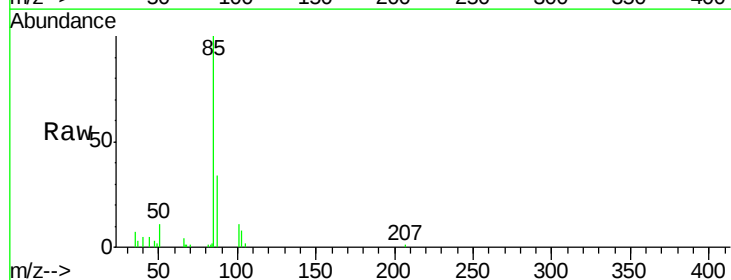
Acq: 18 Aug 2020 13:32

Tgt Ion: 85 Resp: 48508

Ion Ratio Lower Upper

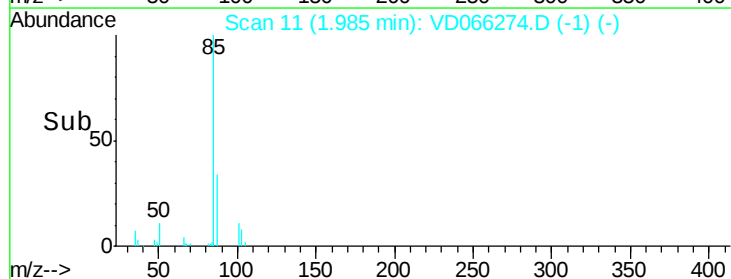
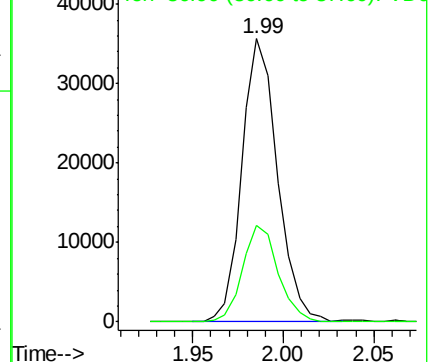
85 100

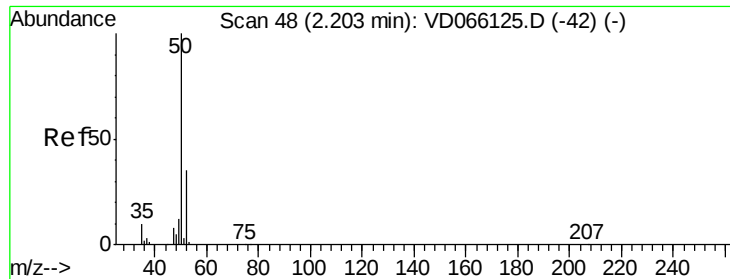
87 34.0 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 19.230 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

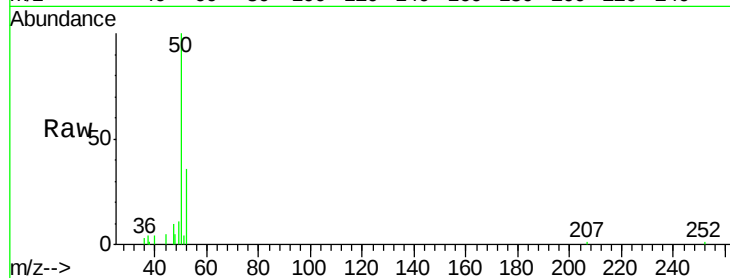
VD0818SBSD01

Tgt Ion: 50 Resp: 34232

Ion Ratio Lower Upper

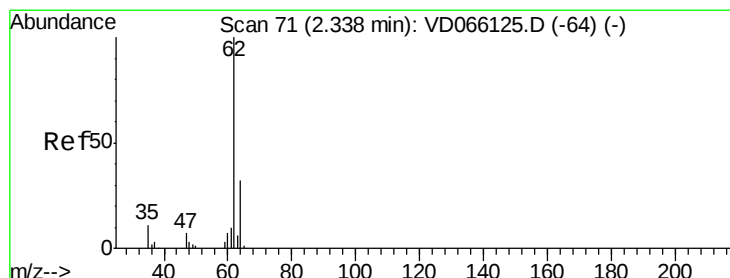
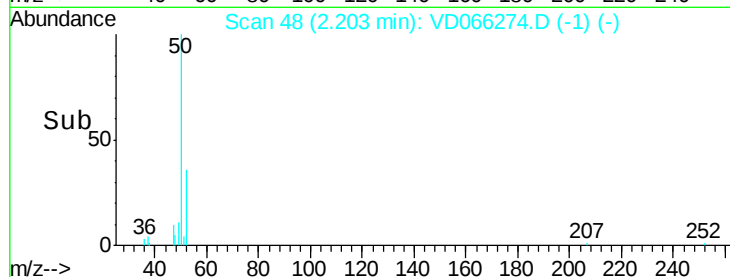
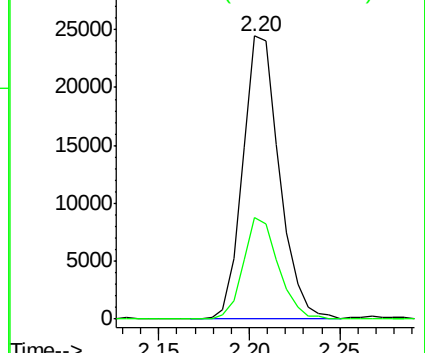
50 100

52 35.7 27.9 41.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.876 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066274.D

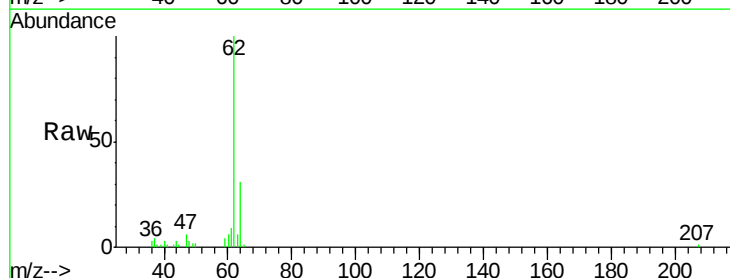
Acq: 18 Aug 2020 13:32

Tgt Ion: 62 Resp: 34476

Ion Ratio Lower Upper

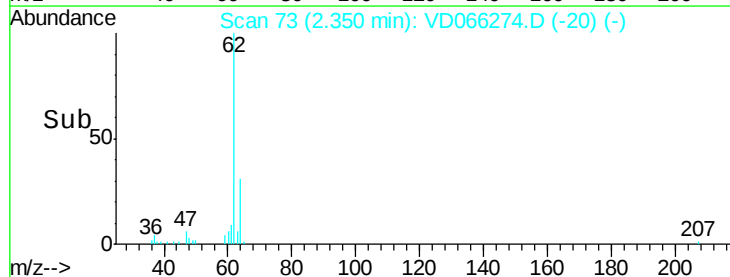
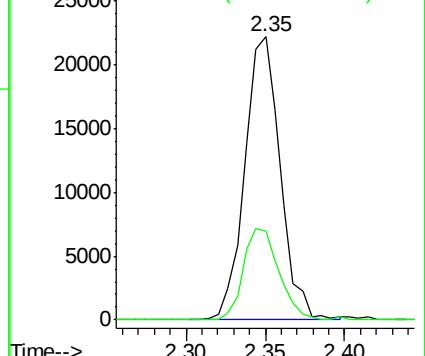
62 100

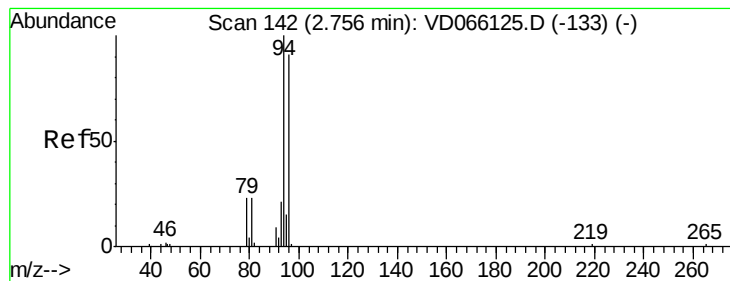
64 31.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 22.661 ug/l

RT: 2.76 min Scan# 143

Delta R.T. 0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

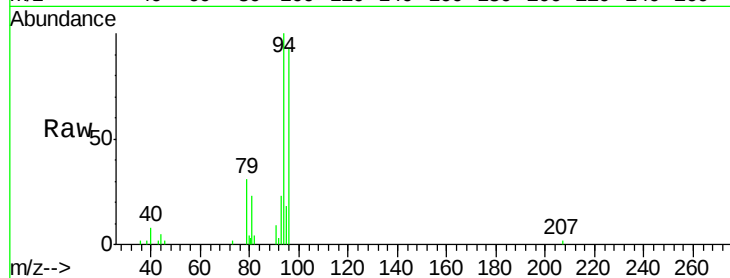
VD0818SBSD01

Tgt Ion: 94 Resp: 23695

Ion Ratio Lower Upper

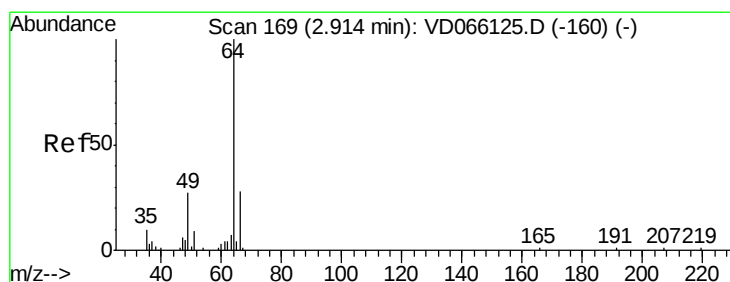
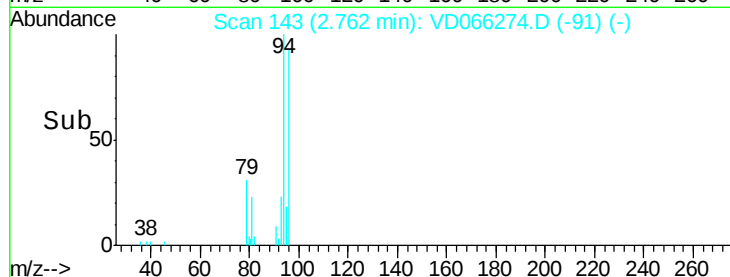
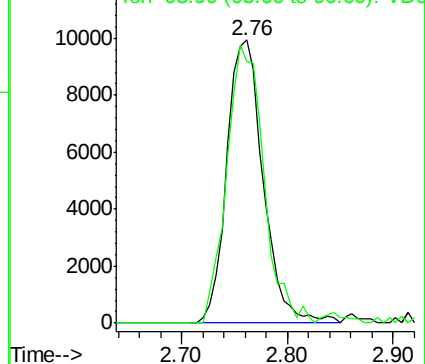
94 100

96 92.6 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 21.716 ug/l

RT: 2.91 min Scan# 169

Delta R.T. 0.00 min

Lab File: VD066274.D

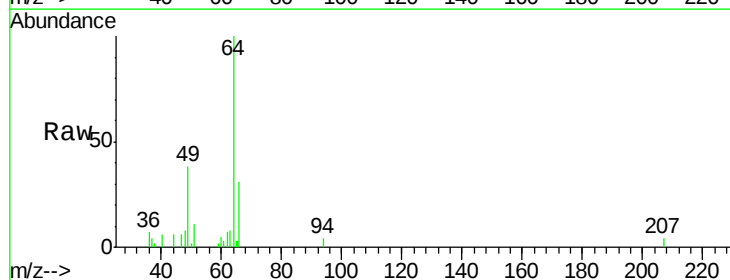
Acq: 18 Aug 2020 13:32

Tgt Ion: 64 Resp: 21008

Ion Ratio Lower Upper

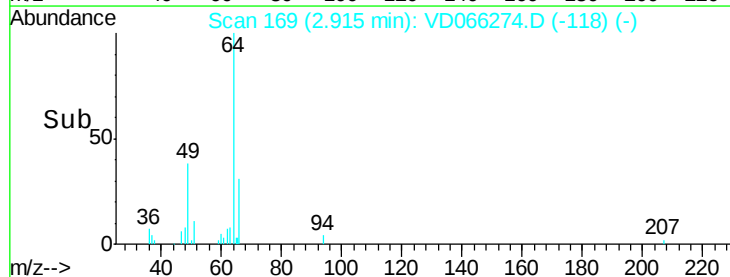
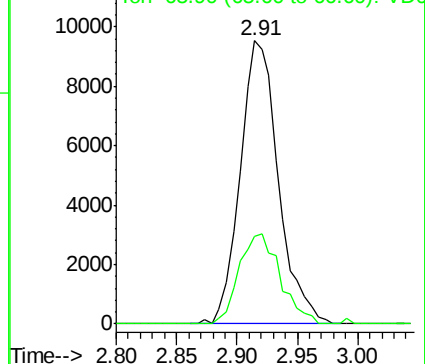
64 100

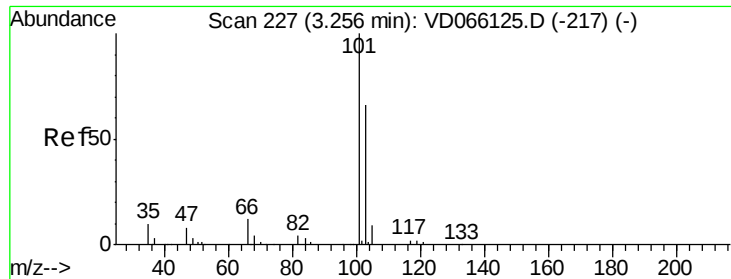
66 30.9 22.0 33.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 21.371 ug/l

RT: 3.27 min Scan# 229

Delta R.T. 0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

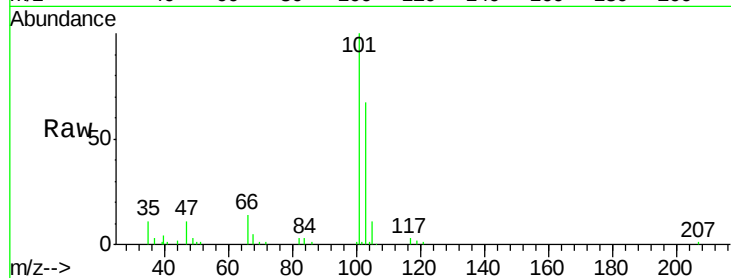
VD0818SBSD01

Tgt Ion:101 Resp: 87810

Ion Ratio Lower Upper

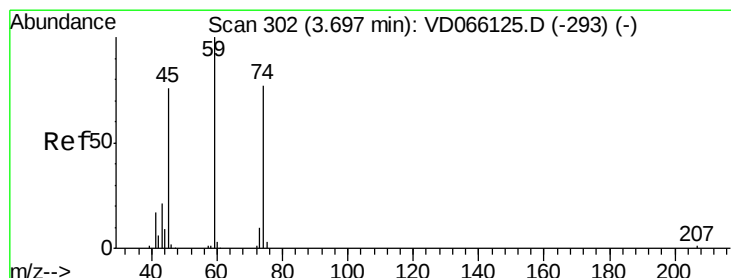
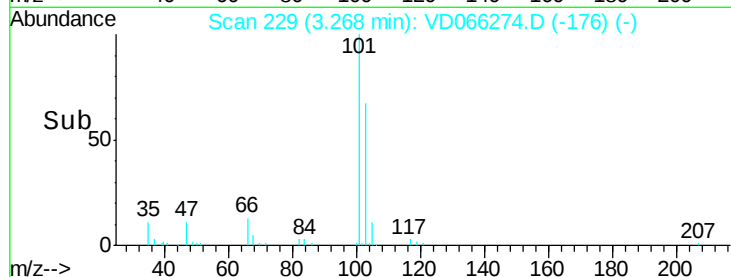
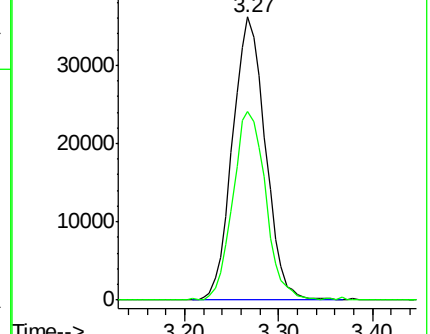
101 100

103 66.2 53.0 79.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 19.475 ug/l

RT: 3.70 min Scan# 303

Delta R.T. 0.01 min

Lab File: VD066274.D

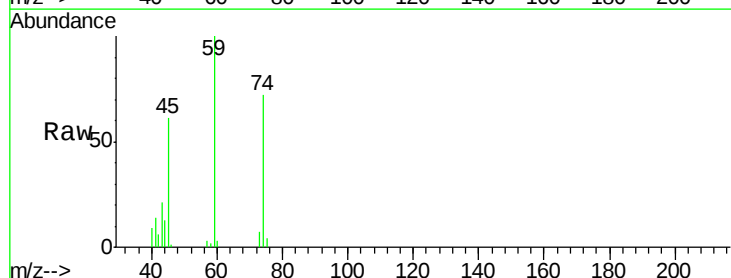
Acq: 18 Aug 2020 13:32

Tgt Ion: 74 Resp: 22578

Ion Ratio Lower Upper

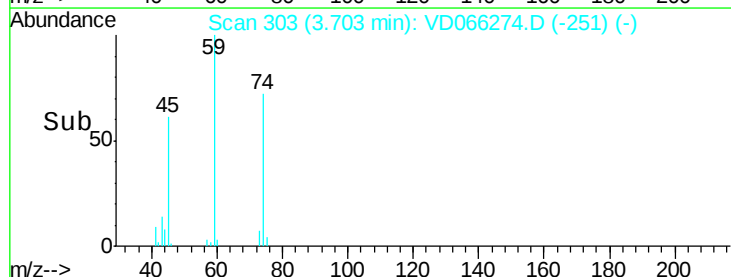
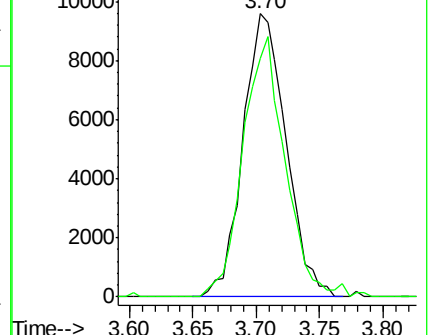
74 100

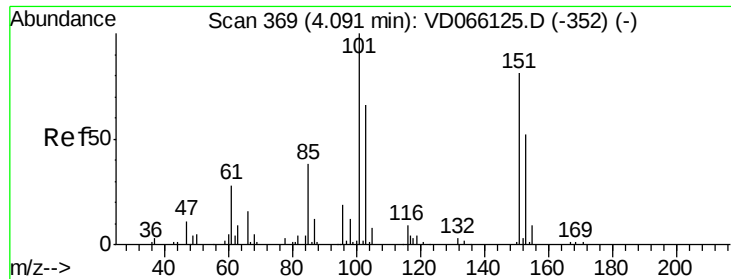
45 90.5 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.042 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBSD01

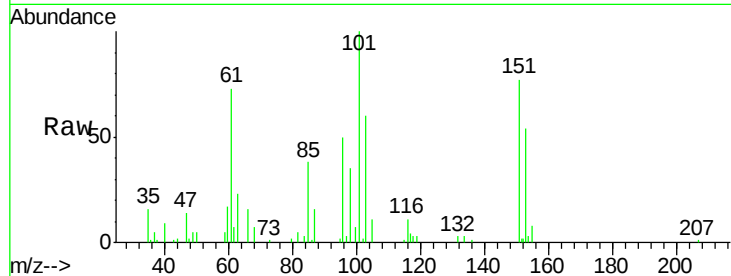
Tgt Ion:101 Resp: 51310

Ion Ratio Lower Upper

101 100

85 43.8 33.5 50.3

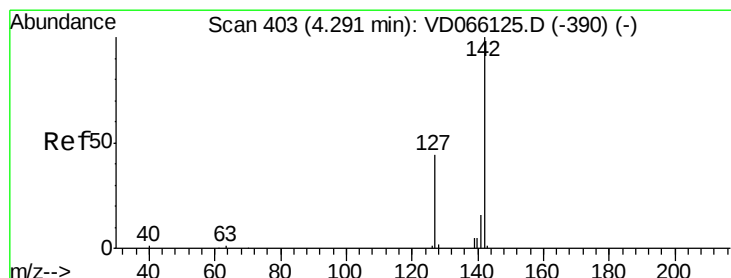
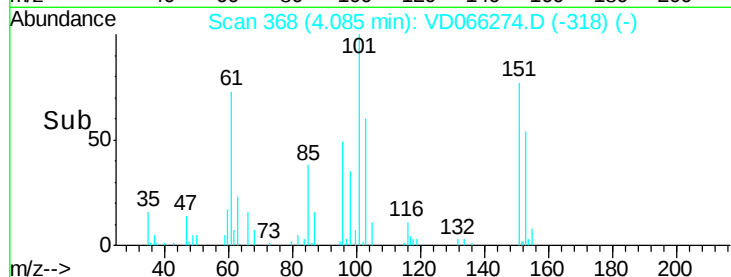
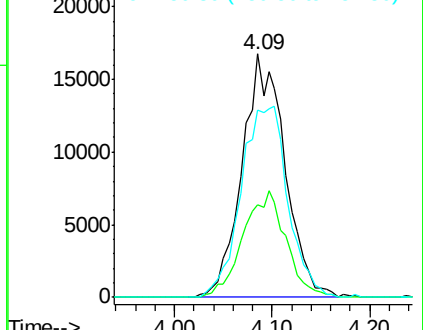
151 85.9 67.8 101.8



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: 23.716 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

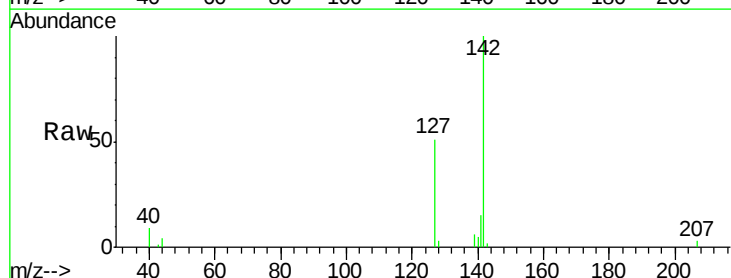
Tgt Ion:142 Resp: 43603

Ion Ratio Lower Upper

142 100

127 46.3 36.2 54.4

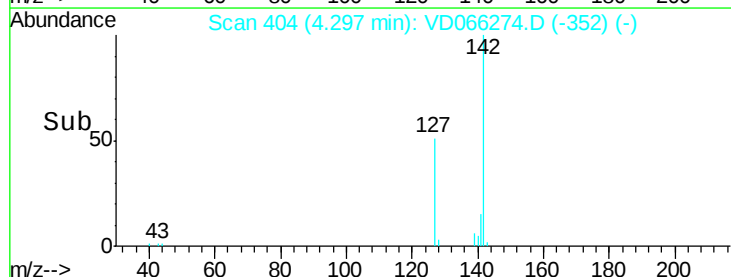
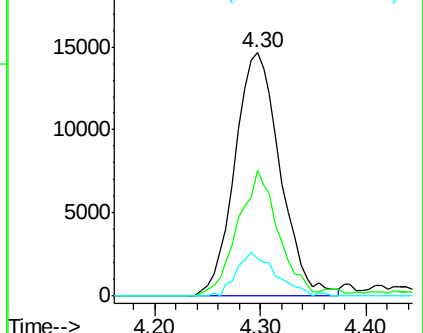
141 15.5 12.6 18.8

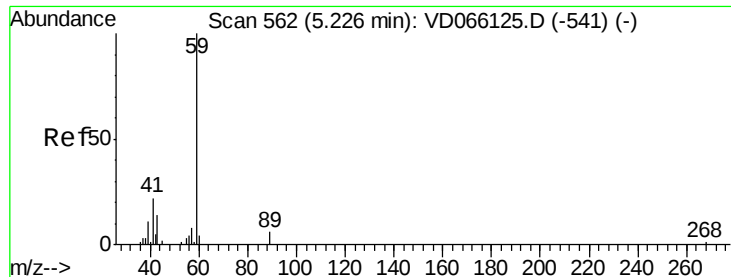


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



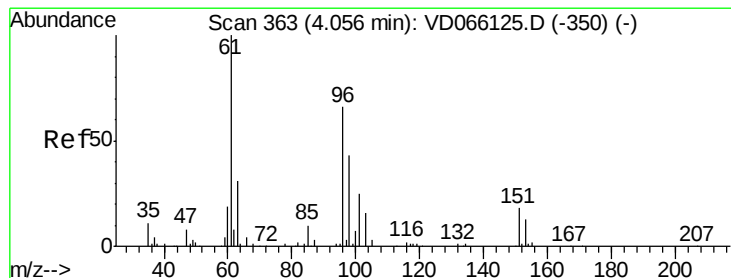
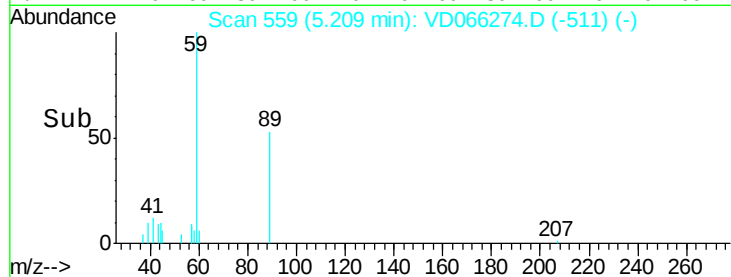
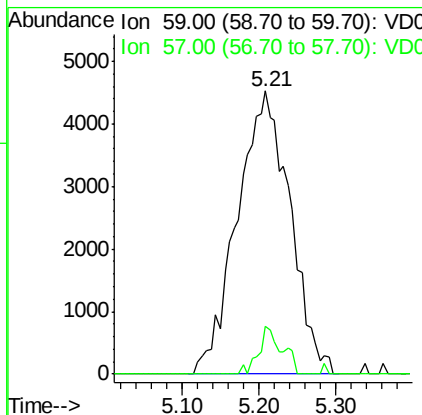
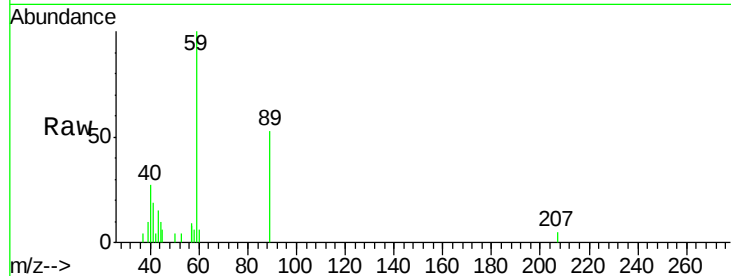


#11

Tert butyl alcohol
 Concen: 102.259 ug/l
 RT: 5.21 min Scan# 559
 Delta R.T. -0.02 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBSD01

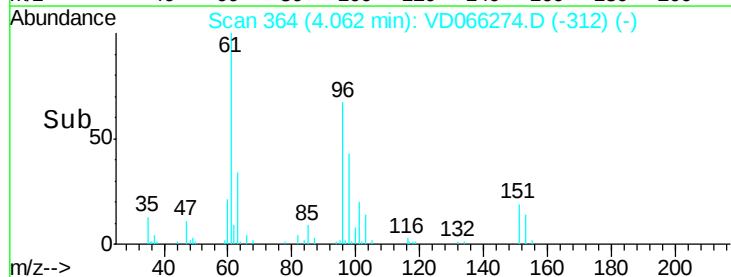
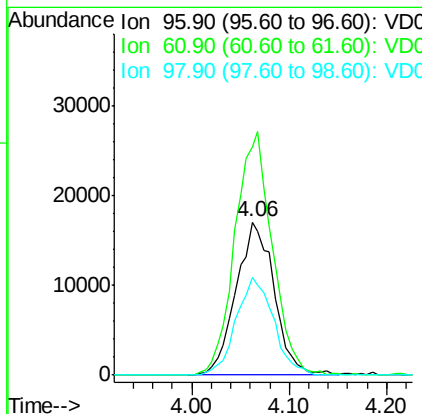
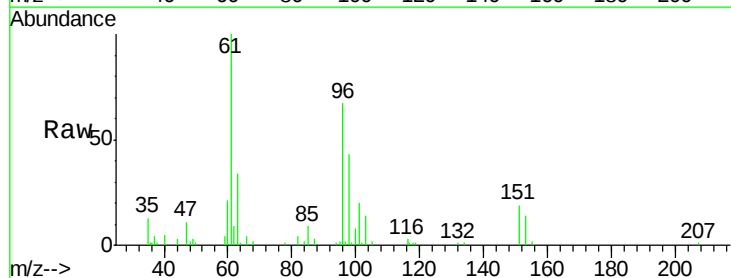
Tgt Ion: 59 Resp: 21579
 Ion Ratio Lower Upper
 59 100
 57 7.4 7.0 10.4

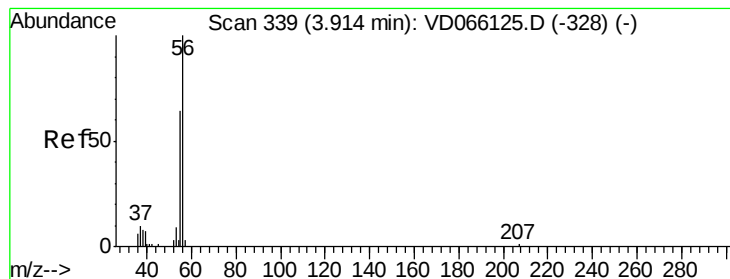


#12

1,1-Dichloroethene
 Concen: 20.150 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 96 Resp: 46352
 Ion Ratio Lower Upper
 96 100
 61 149.2 121.6 182.4
 98 63.9 52.0 78.0





#13

Acrolein

Concen: 56.204 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

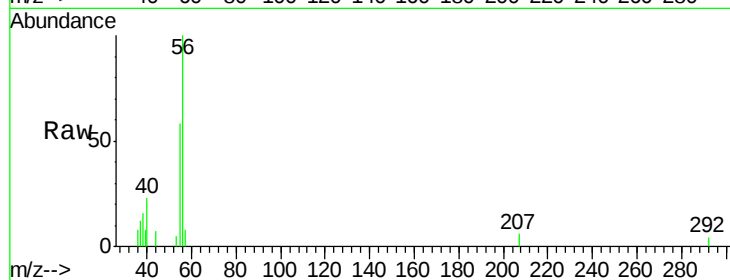
VD0818SBSD01

Tgt Ion: 56 Resp: 10367

Ion Ratio Lower Upper

56 100

55 72.9 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.92

4000

3000

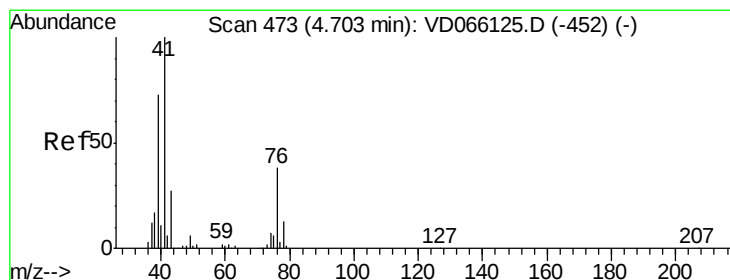
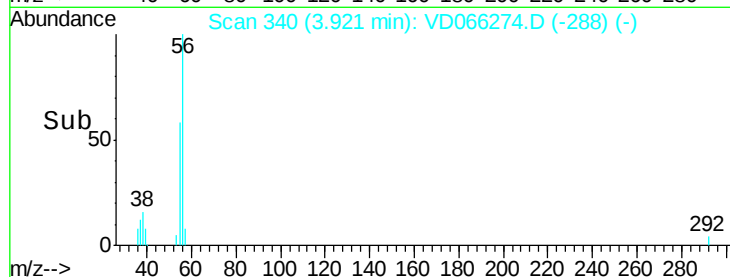
2000

1000

0

3.85 3.90 3.95 4.00

Time-->



#14

Allyl chloride

Concen: 18.240 ug/l

RT: 4.71 min Scan# 475

Delta R.T. 0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

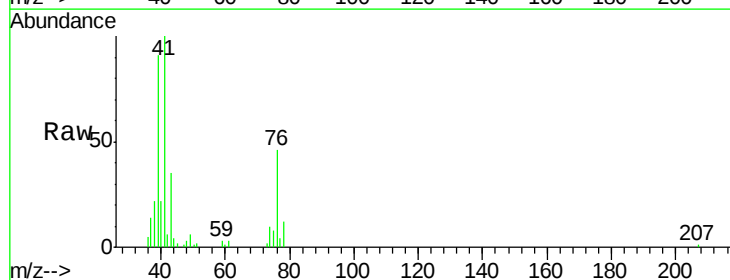
Tgt Ion: 41 Resp: 63565

Ion Ratio Lower Upper

41 100

39 78.9 57.4 86.0

76 40.8 30.1 45.1



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

25000

20000

15000

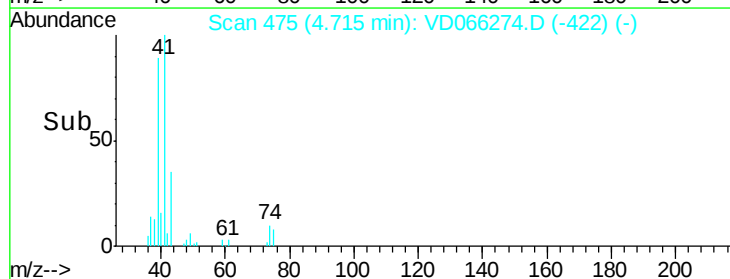
10000

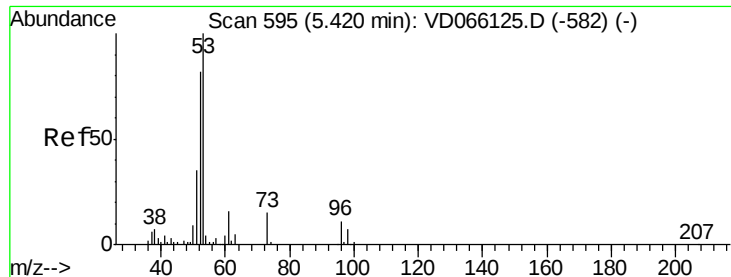
5000

0

4.60 4.70 4.80

Time-->





#15

Acrylonitrile

Concen: 94.312 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

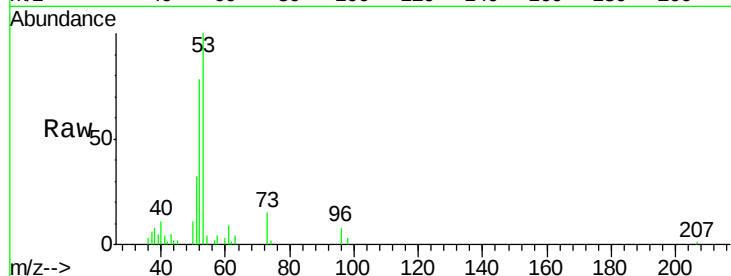
Tgt Ion: 53 Resp: 46075

Ion Ratio Lower Upper

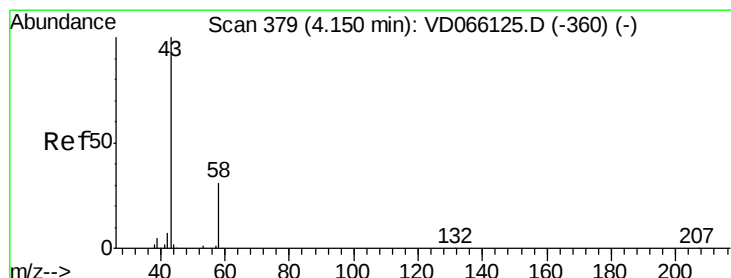
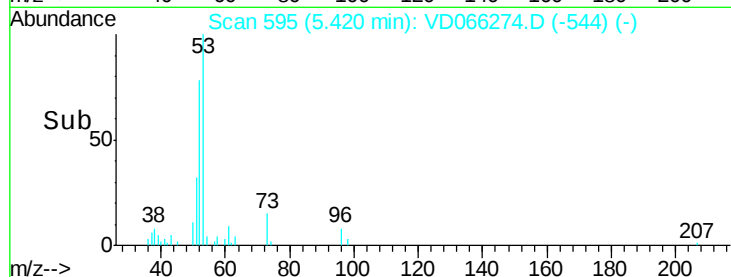
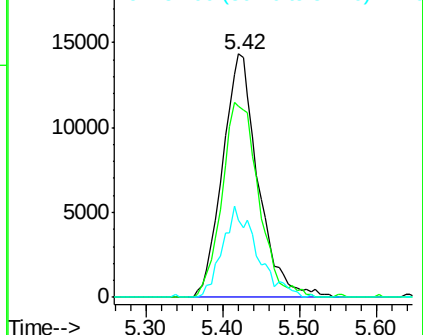
53 100

52 82.7 66.1 99.1

51 36.4 30.8 46.2



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



#16

Acetone

Concen: 102.411 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066274.D

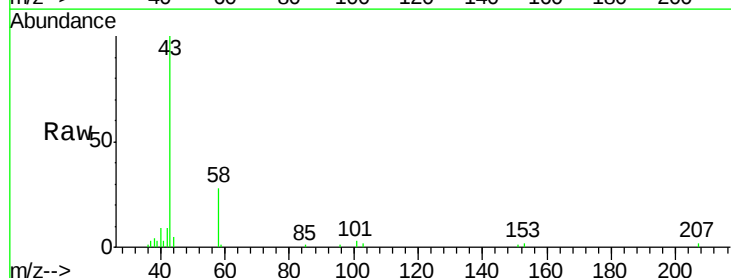
Acq: 18 Aug 2020 13:32

Tgt Ion: 43 Resp: 45029

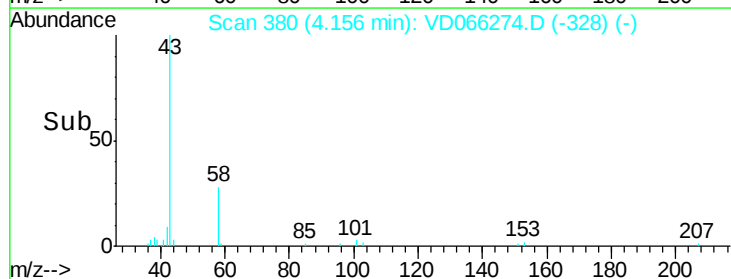
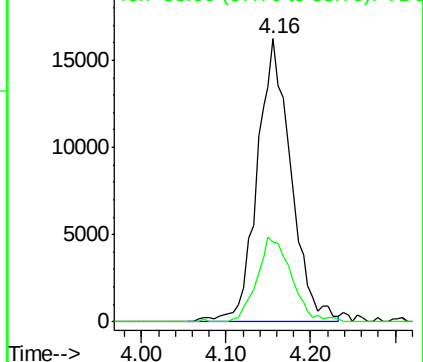
Ion Ratio Lower Upper

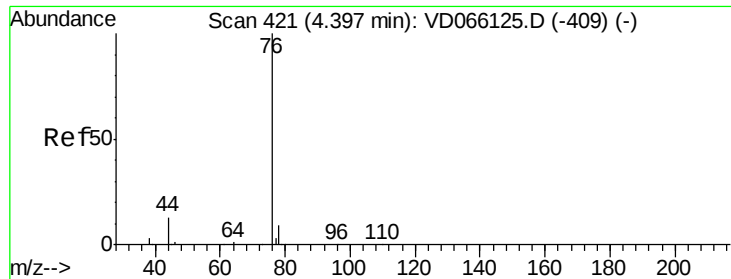
43 100

58 28.1 24.7 37.1



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

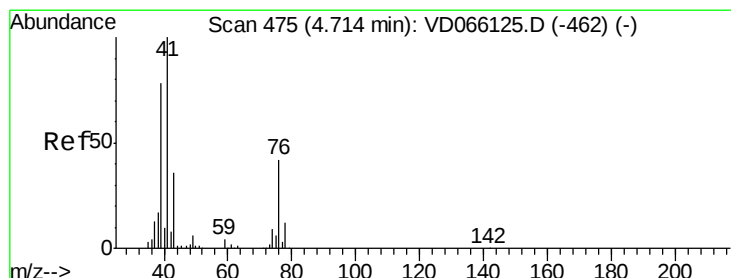
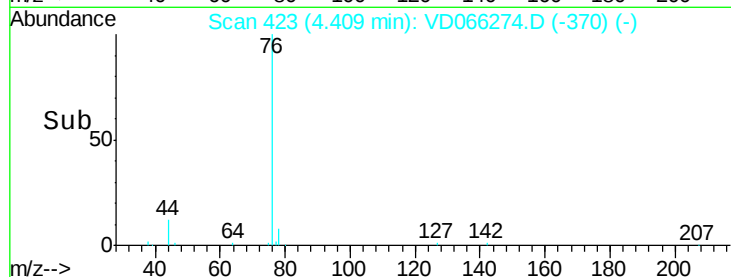
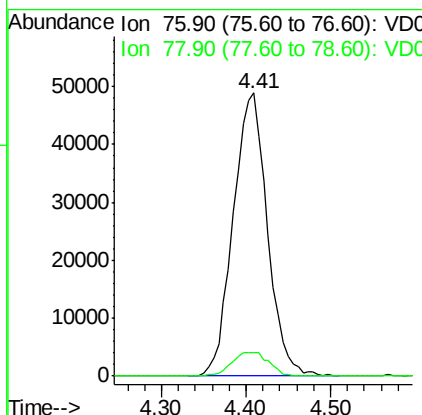
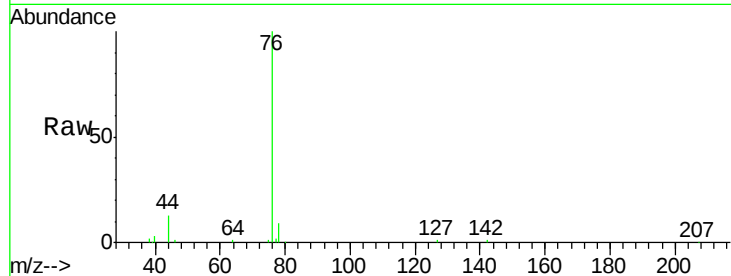




#17
 Carbon Disulfide
 Concen: 18.699 ug/l
 RT: 4.41 min Scan# 423
 Delta R.T. 0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

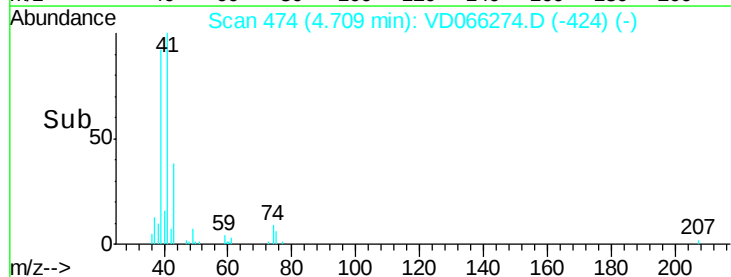
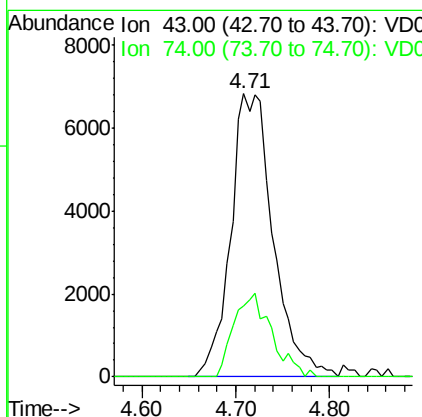
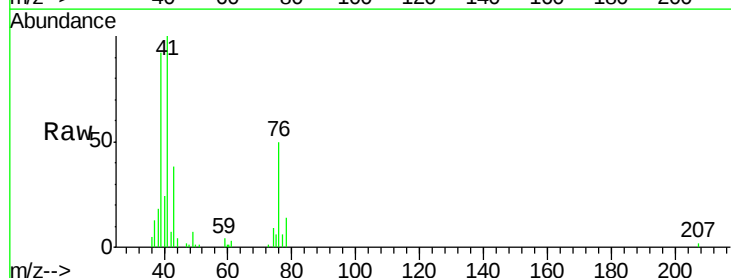
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

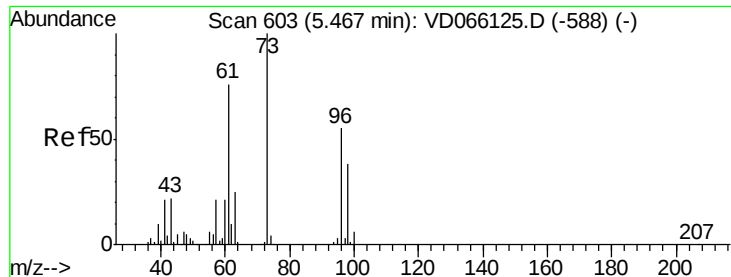
Tgt Ion: 76 Resp: 136763
 Ion Ratio Lower Upper
 76 100
 78 8.5 7.5 11.3



#18
 Methyl Acetate
 Concen: 19.126 ug/l
 RT: 4.71 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 43 Resp: 21360
 Ion Ratio Lower Upper
 43 100
 74 26.2 21.2 31.8

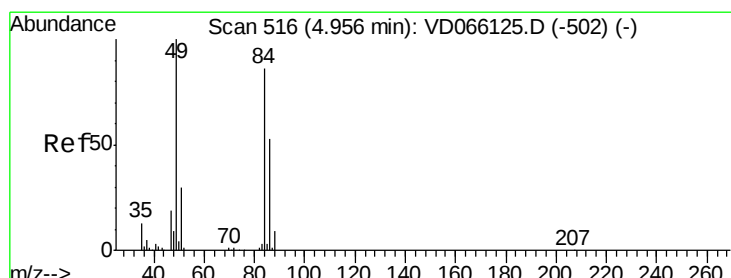
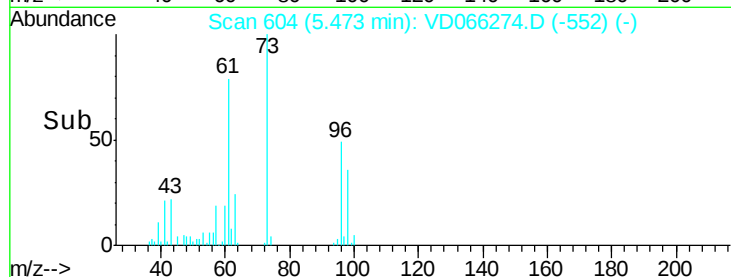
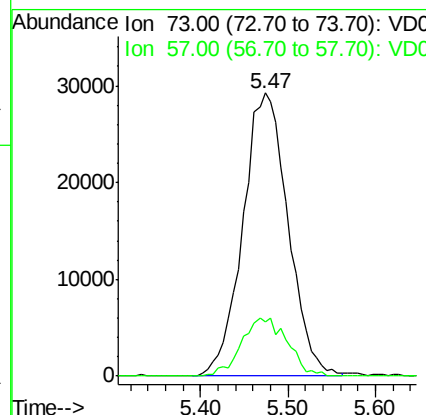
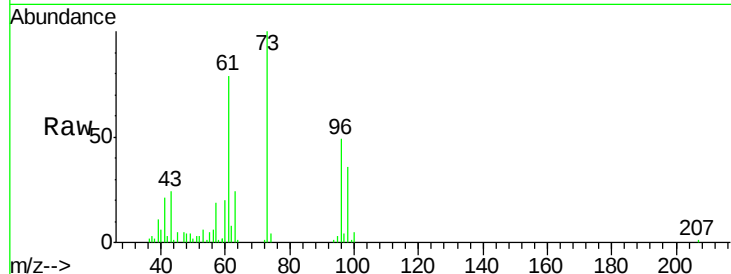




#19
Methyl tert-butyl Ether
Concen: 19.533 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

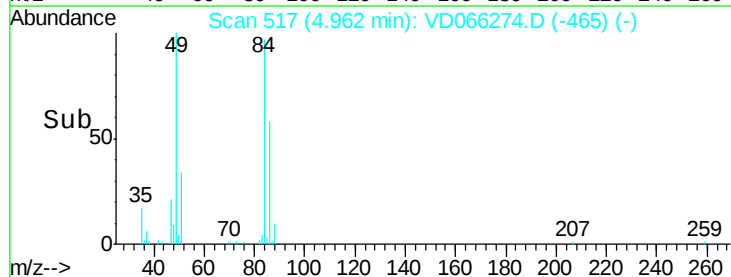
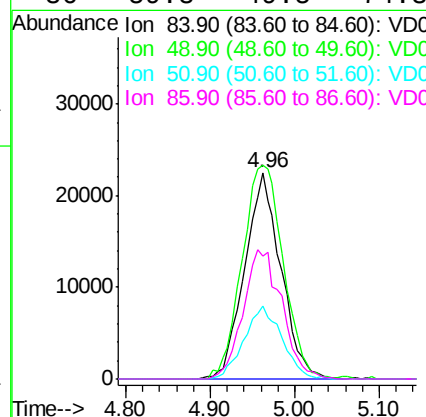
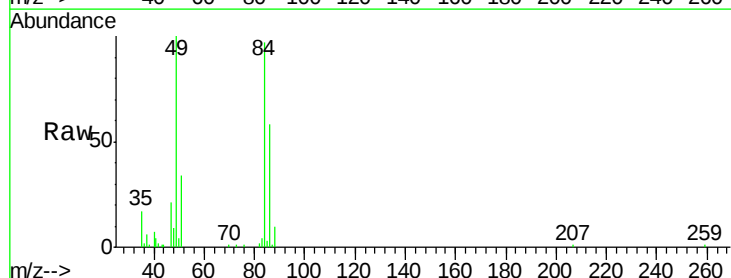
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

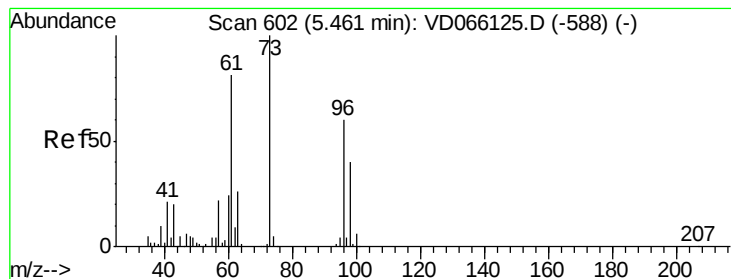
Tgt Ion: 73 Resp: 102986
Ion Ratio Lower Upper
73 100
57 19.0 17.1 25.7



#20
Methylene Chloride
Concen: 24.062 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 84 Resp: 66869
Ion Ratio Lower Upper
84 100
49 103.6 93.5 140.3
51 35.2 28.2 42.4
86 59.8 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 19.017 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

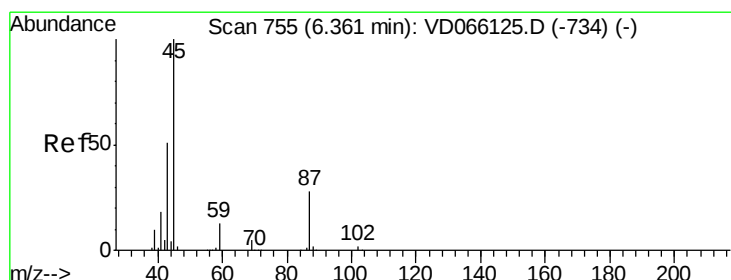
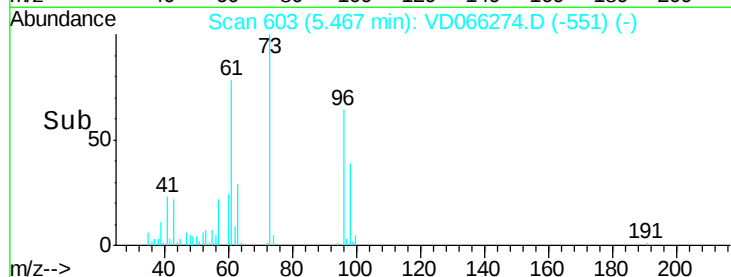
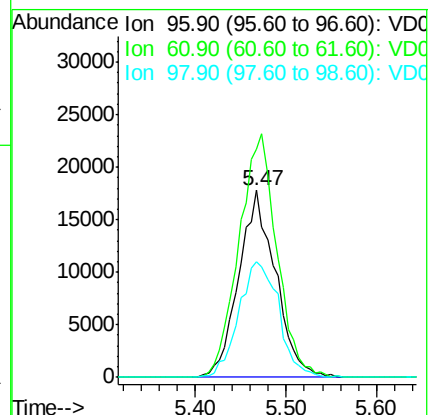
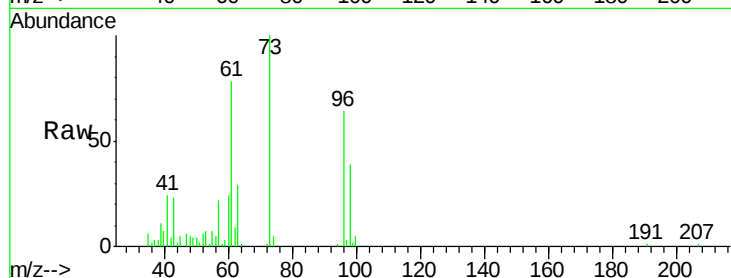
Tgt Ion: 96 Resp: 50252

Ion Ratio Lower Upper

96 100

61 122.3 106.9 160.3

98 61.5 53.4 80.0



#22

Diisopropyl ether

Concen: 19.252 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Tgt Ion: 45 Resp: 132677

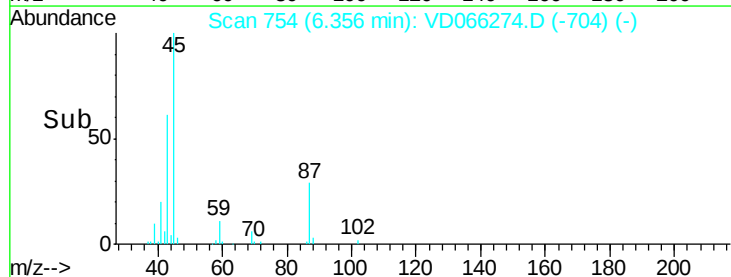
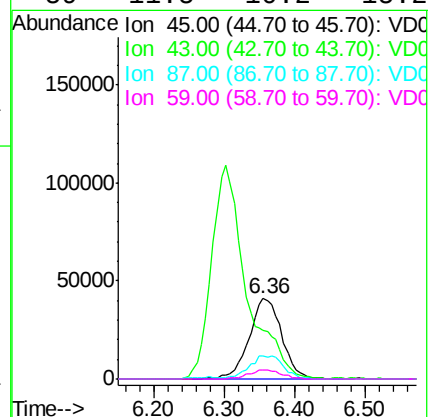
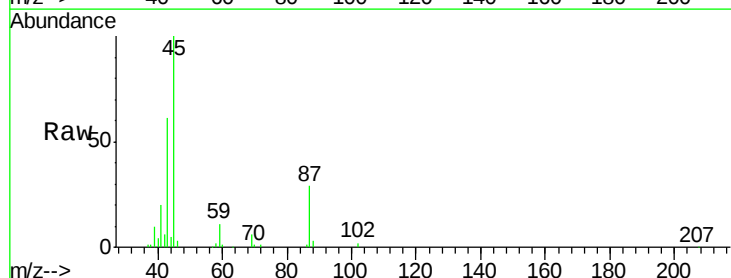
Ion Ratio Lower Upper

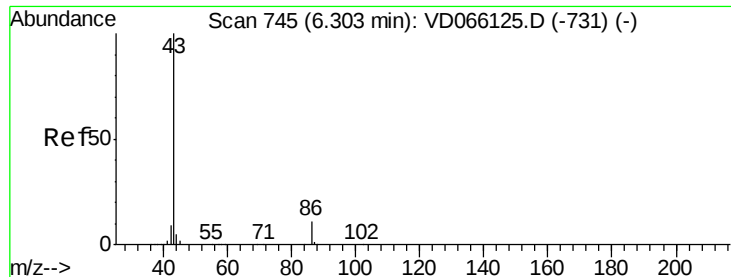
45 100

43 59.4 41.2 61.8

87 29.3 22.8 34.2

59 11.5 10.2 15.2





#23

Vinyl Acetate

Concen: 93.108 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

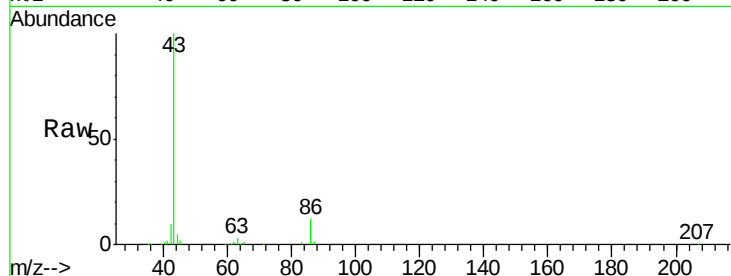
VD0818SBSD01

Tgt Ion: 43 Resp: 375904

Ion Ratio Lower Upper

43 100

86 12.5 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

120000

100000

80000

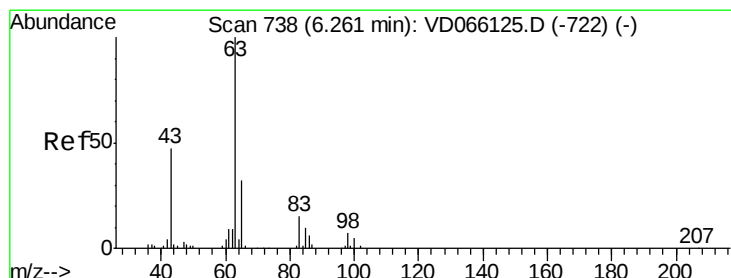
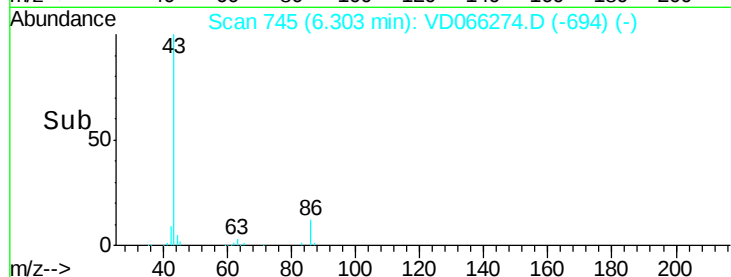
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.024 ug/l

RT: 6.26 min Scan# 738

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

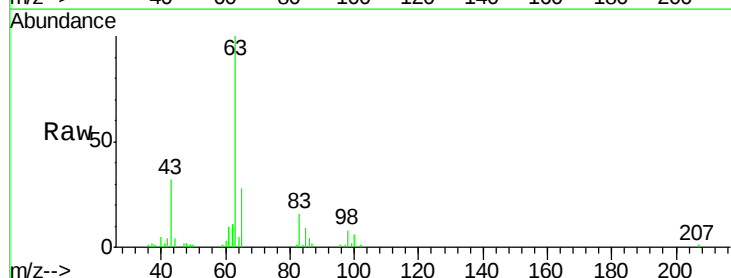
Tgt Ion: 63 Resp: 85400

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 5.6 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

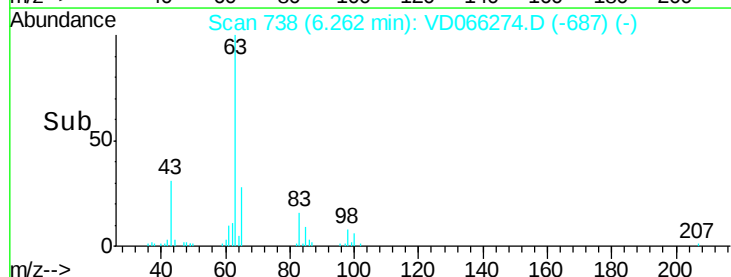
30000

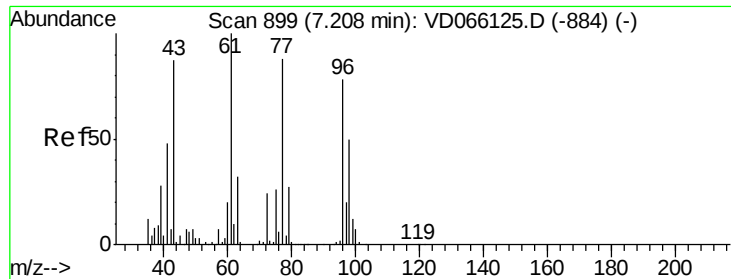
20000

10000

0

Time-->





#25

2-Butanone

Concen: 92.887 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

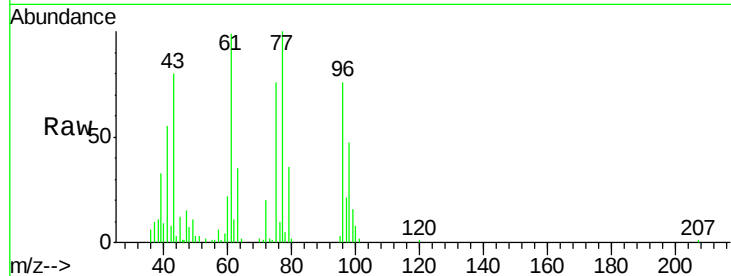
VD0818SBSD01

Tgt Ion: 43 Resp: 60070

Ion Ratio Lower Upper

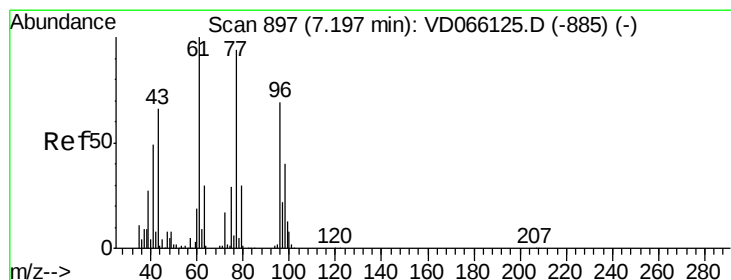
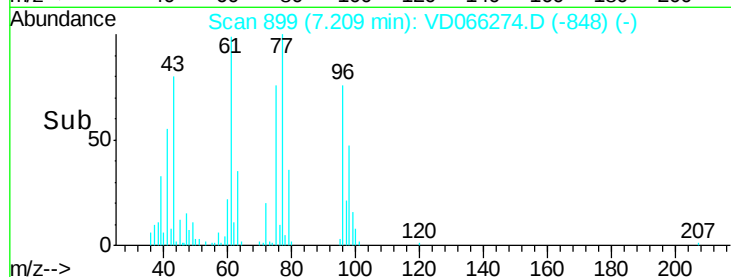
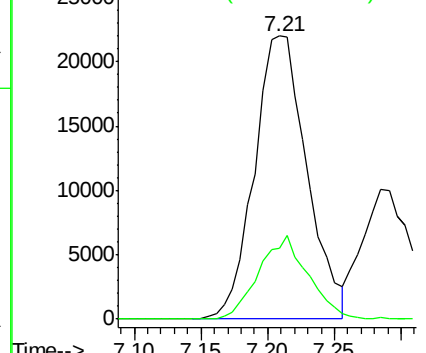
43 100

72 25.0 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.664 ug/l

RT: 7.20 min Scan# 898

Delta R.T. 0.01 min

Lab File: VD066274.D

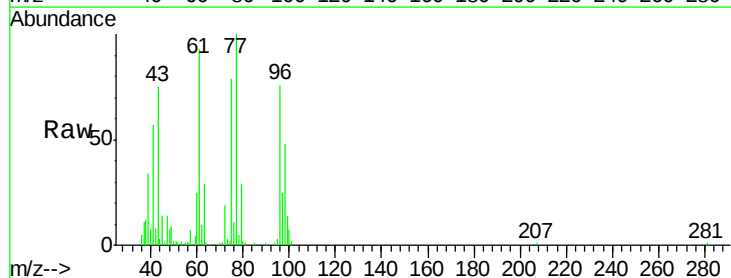
Acq: 18 Aug 2020 13:32

Tgt Ion: 77 Resp: 82811

Ion Ratio Lower Upper

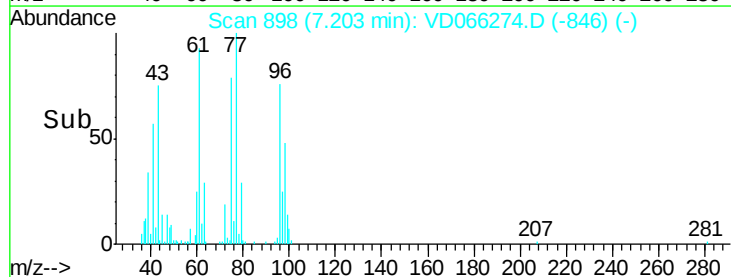
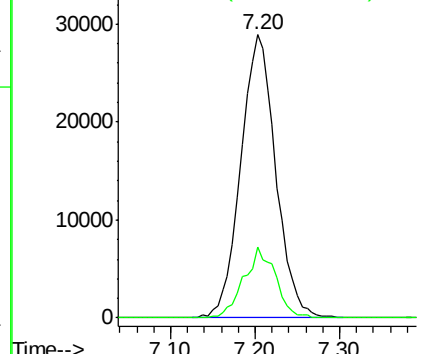
77 100

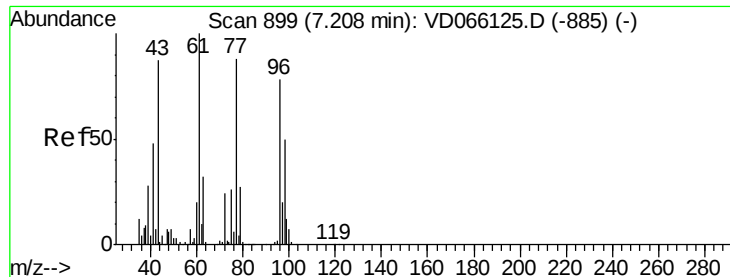
97 22.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC



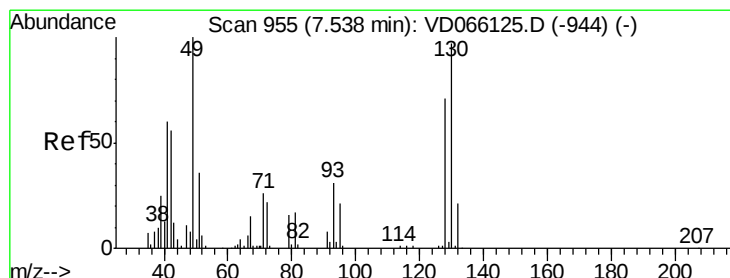
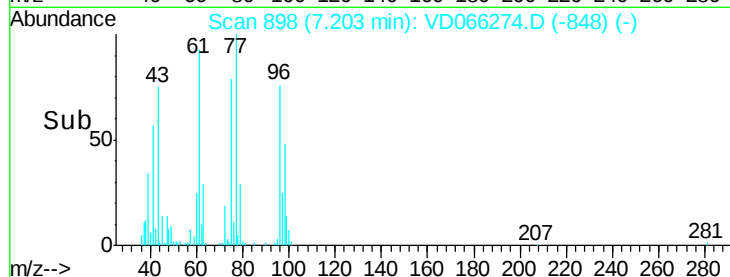
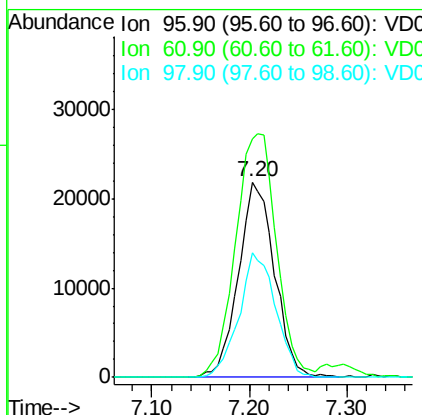
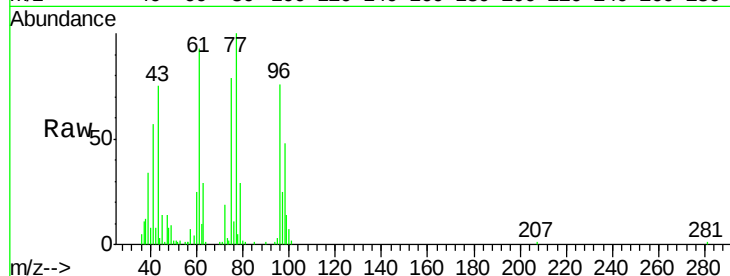


#27

cis-1,2-Dichloroethene
 Concen: 20.450 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

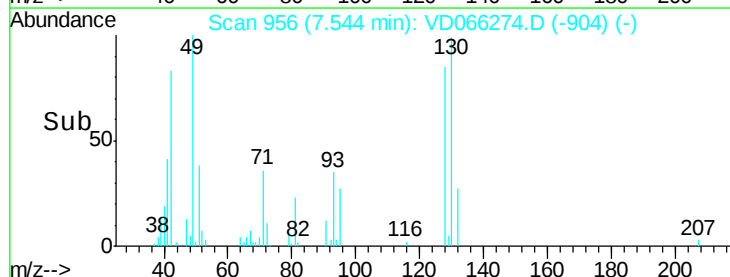
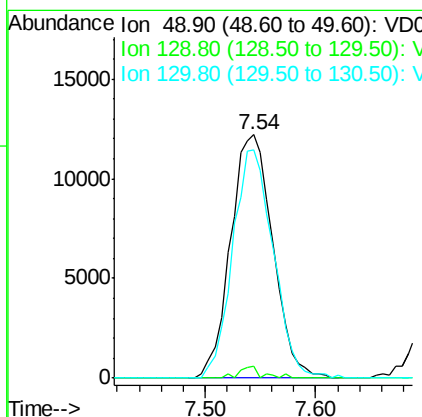
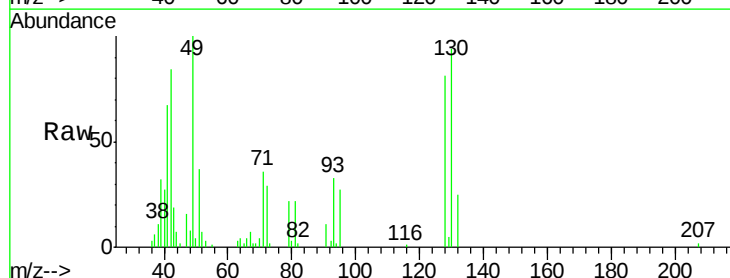
Tgt Ion: 96 Resp: 56681
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 281.6
 98 64.8 0.0 130.8

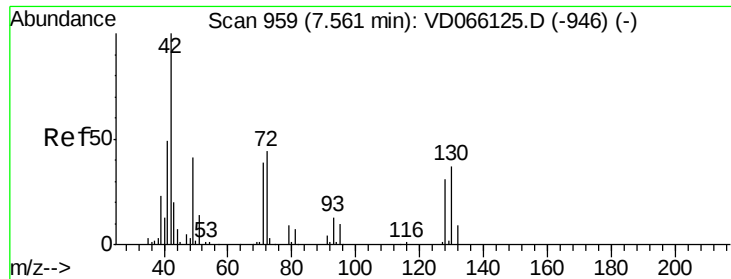


#28

Bromochloromethane
 Concen: 21.889 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. 0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 49 Resp: 32788
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 6.0
 130 90.3 73.8 110.6

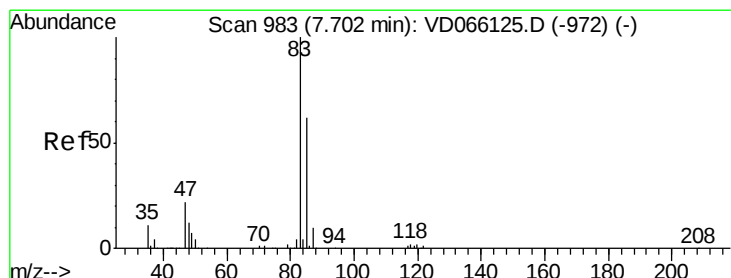
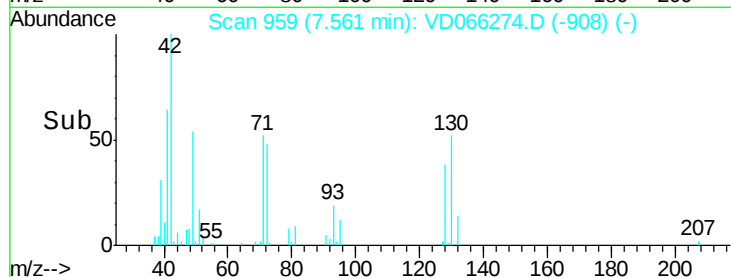
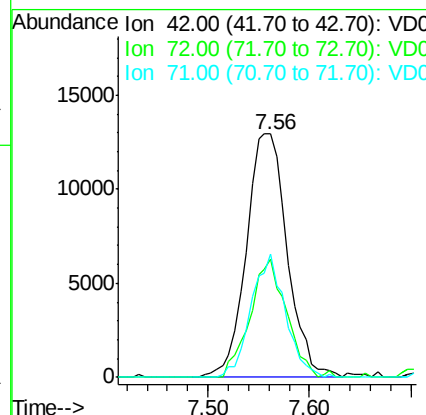
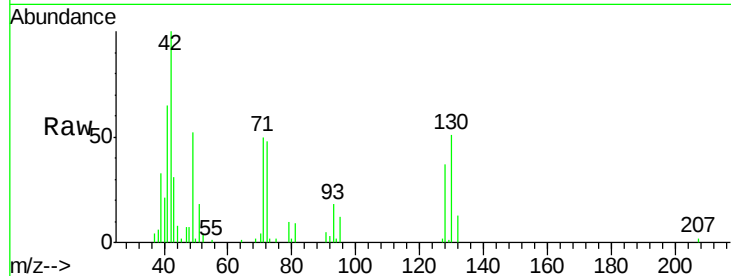




#29
Tetrahydrofuran
Concen: 90.455 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

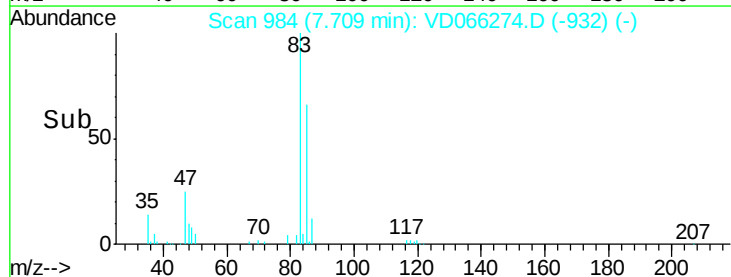
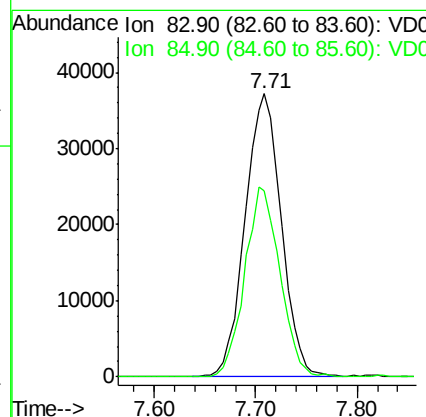
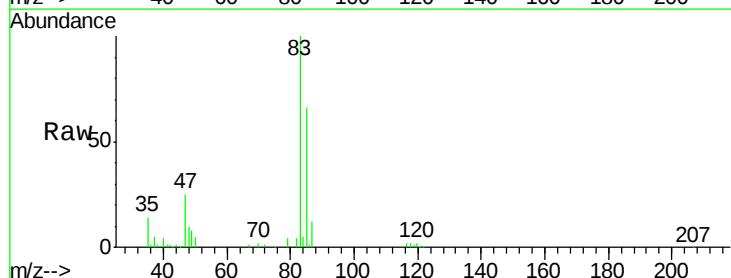
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

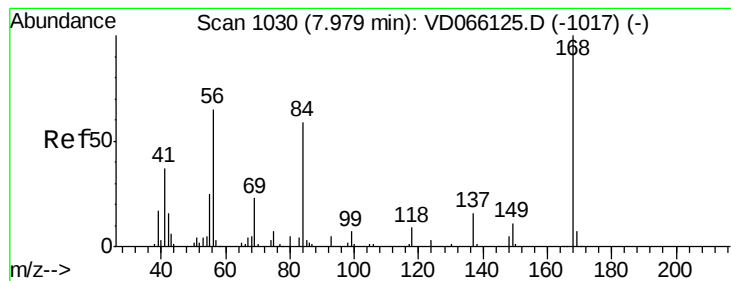
Tgt Ion: 42 Resp: 36243
Ion Ratio Lower Upper
42 100
72 42.9 34.8 52.2
71 42.3 33.5 50.3



#30
Chloroform
Concen: 20.579 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 83 Resp: 92159
Ion Ratio Lower Upper
83 100
85 65.7 49.5 74.3





#31

Cyclohexane

Concen: 18.615 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

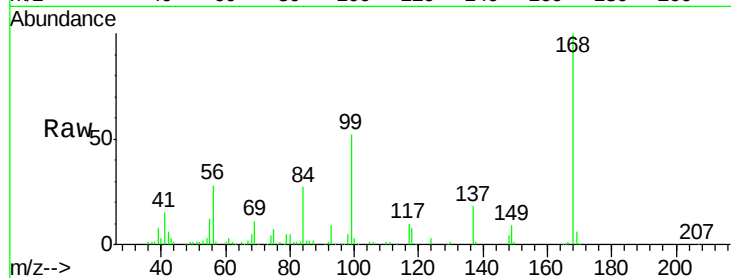
Tgt Ion: 56 Resp: 75571

Ion Ratio Lower Upper

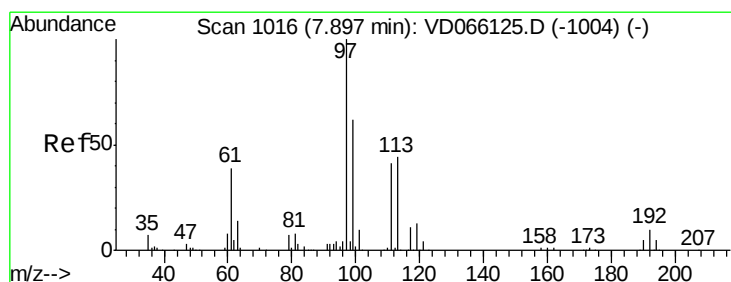
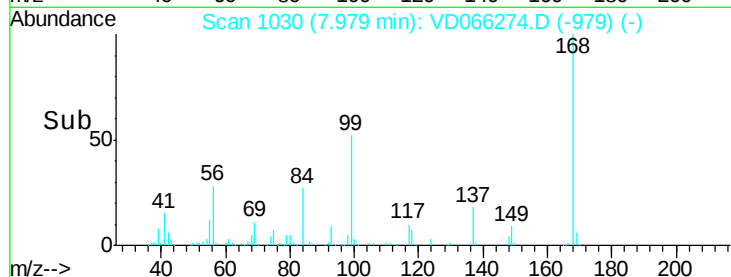
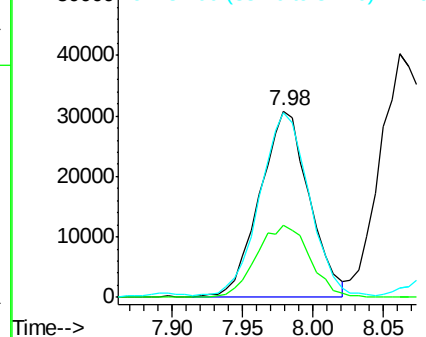
56 100

69 38.9 28.8 43.2

84 98.0 73.0 109.6



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



#32

1,1,1-Trichloroethane

Concen: 21.915 ug/l

RT: 7.90 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

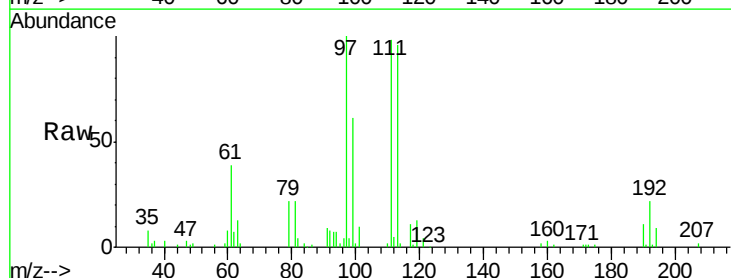
Tgt Ion: 97 Resp: 92018

Ion Ratio Lower Upper

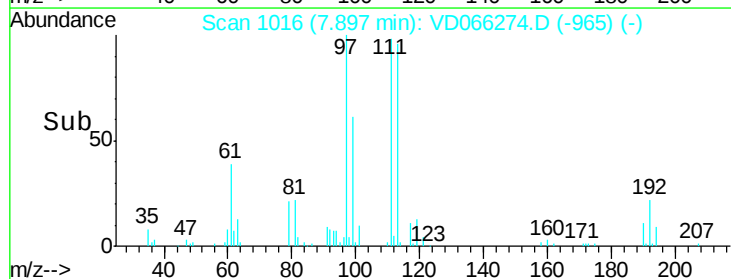
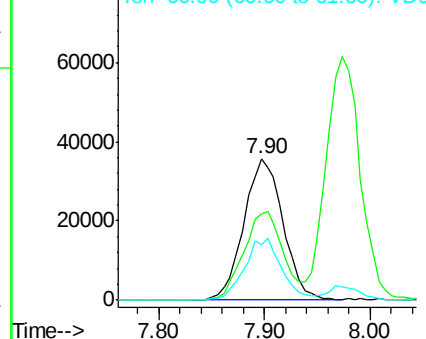
97 100

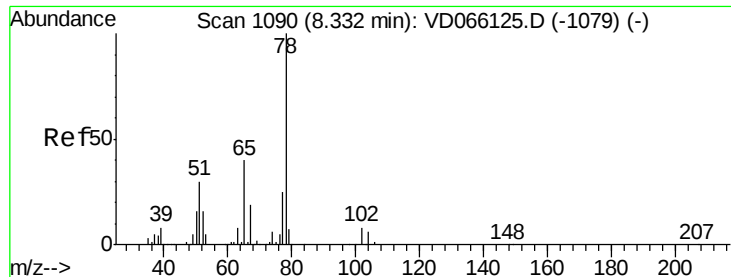
99 62.5 51.1 76.7

61 41.1 32.7 49.1



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

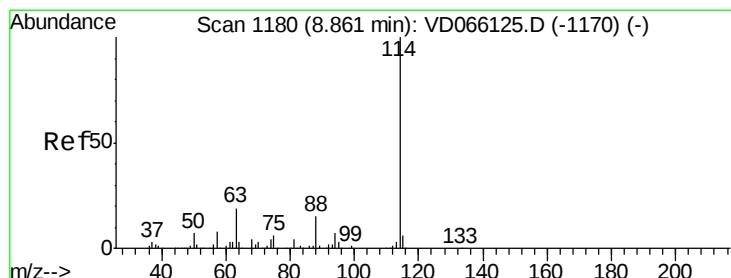
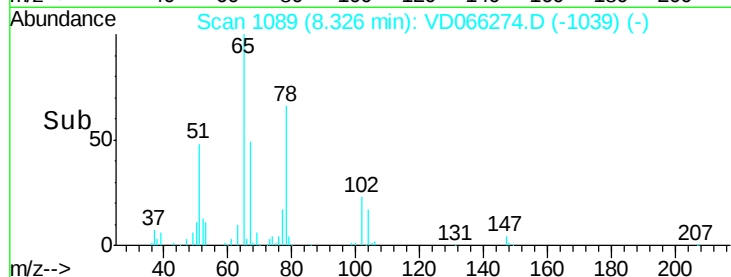
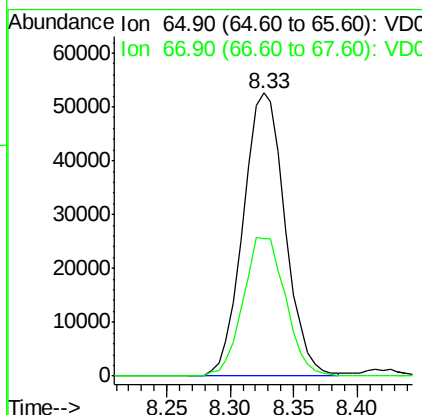
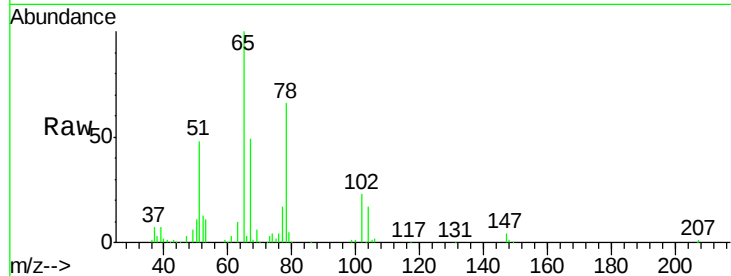




#33
 1,2-Dichloroethane-d4
 Concen: 52.238 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

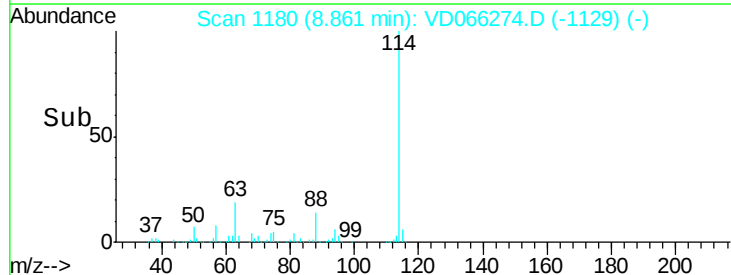
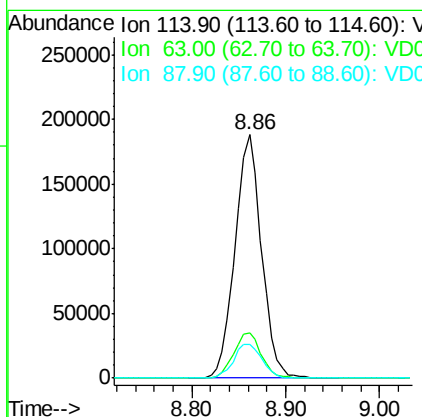
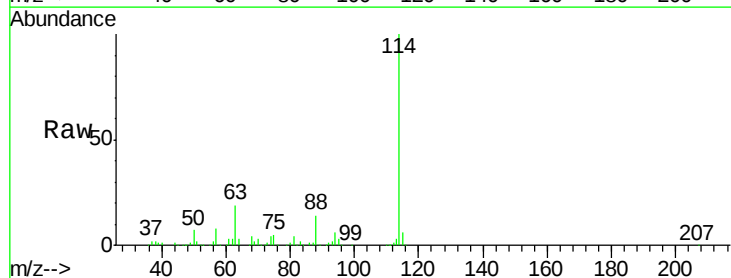
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBSD01

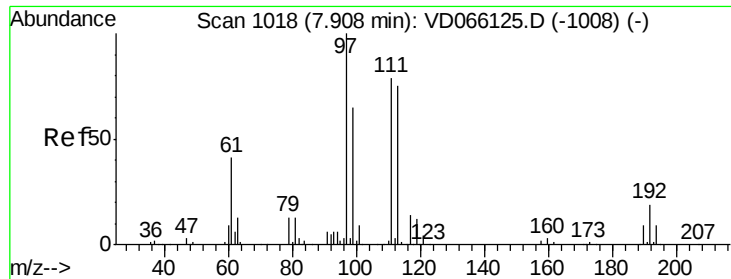
Tgt Ion: 65 Resp: 121051
 Ion Ratio Lower Upper
 65 100
 67 49.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 114 Resp: 368982
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 14.0 0.0 30.0

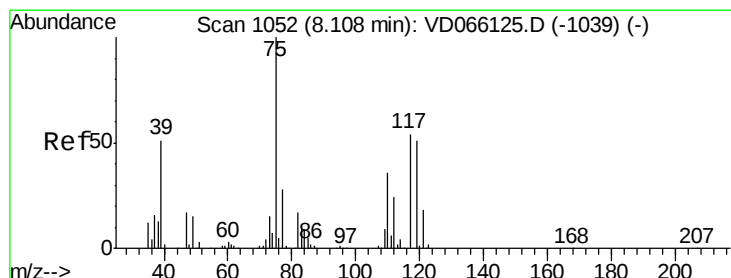
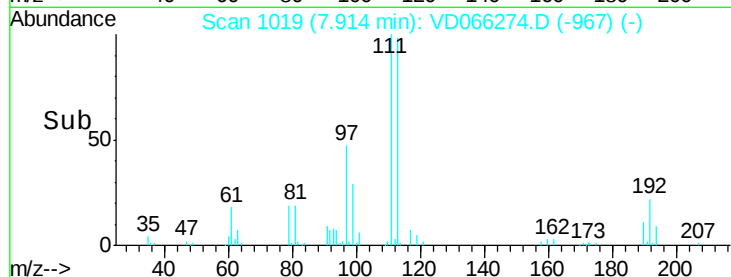
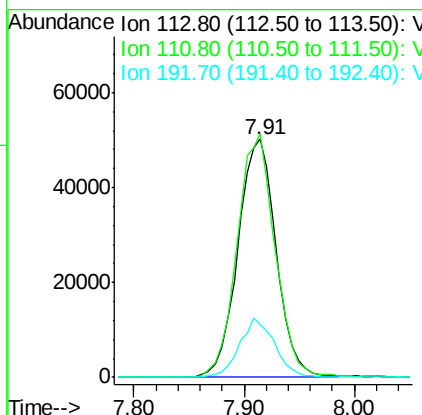
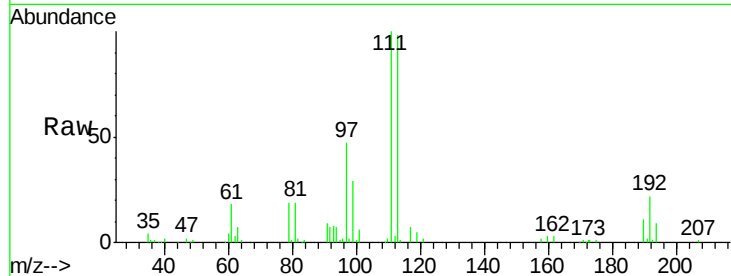




#35
 Dibromofluoromethane
 Concen: 52.218 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

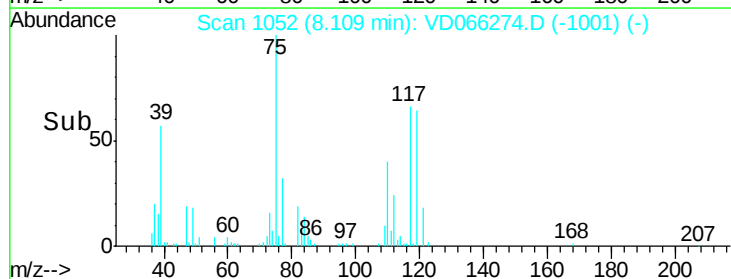
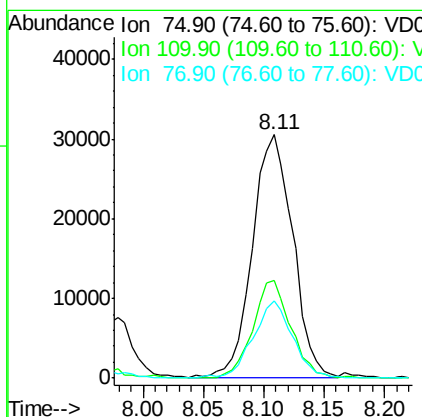
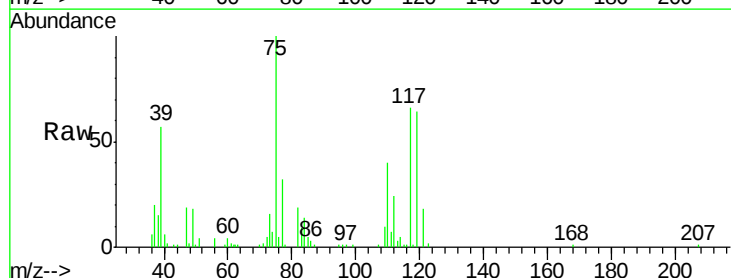
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

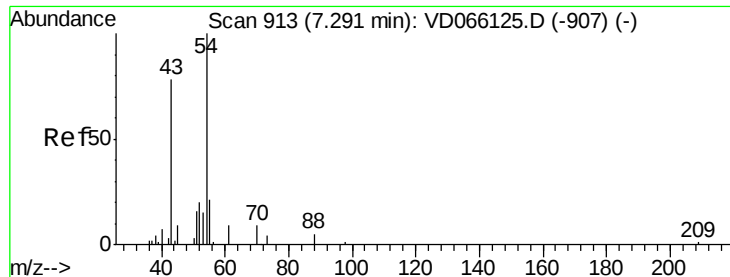
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.7	121.1
192	22.7	18.4	27.6



#36
 1,1-Dichloropropene
 Concen: 20.527 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.8	56.3
77	31.0	24.2	36.2

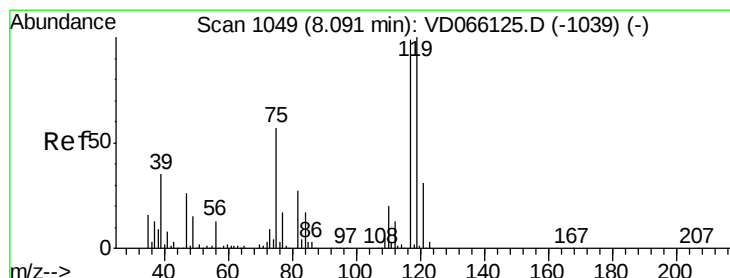
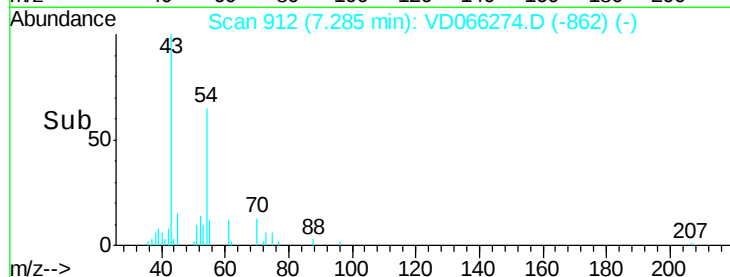
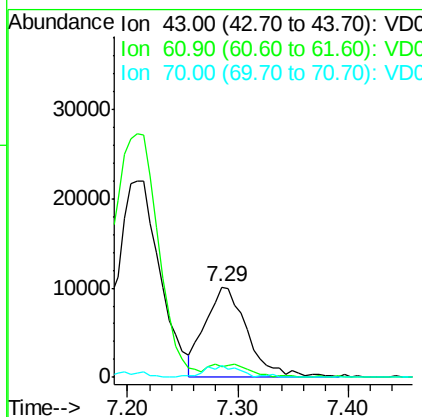
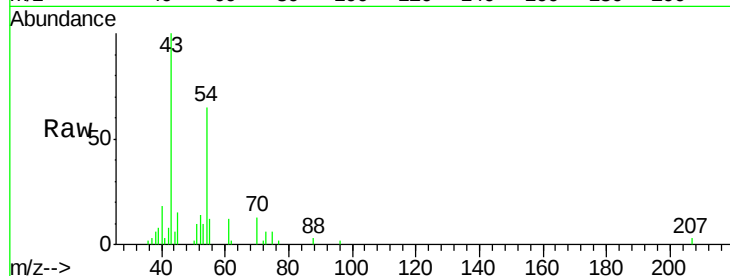




#37
Ethyl Acetate
Concen: 19.603 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

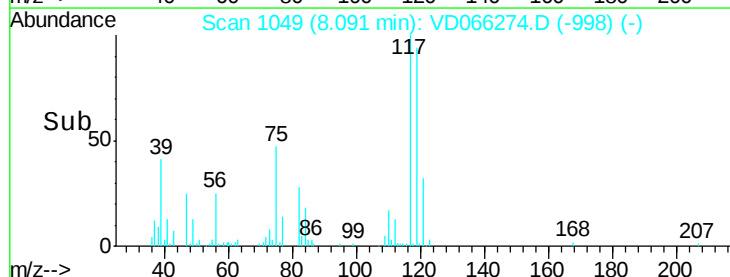
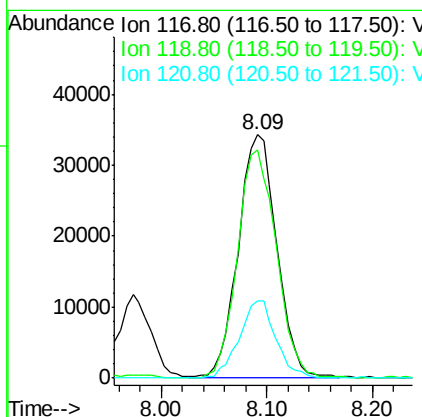
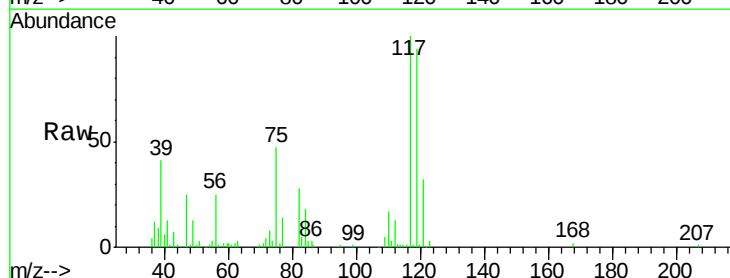
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

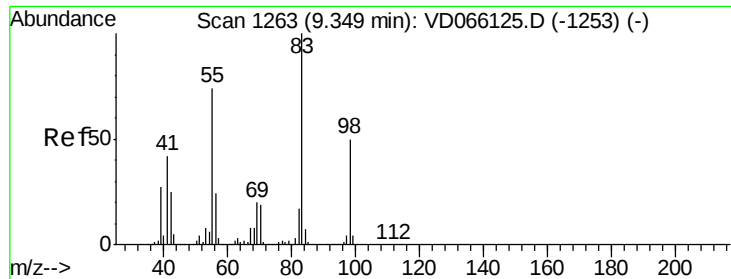
Tgt Ion: 43 Resp: 26931
Ion Ratio Lower Upper
43 100
61 13.2 12.0 18.0
70 10.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 22.551 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 117 Resp: 87195
Ion Ratio Lower Upper
117 100
119 93.9 81.0 121.4
121 31.6 24.8 37.2

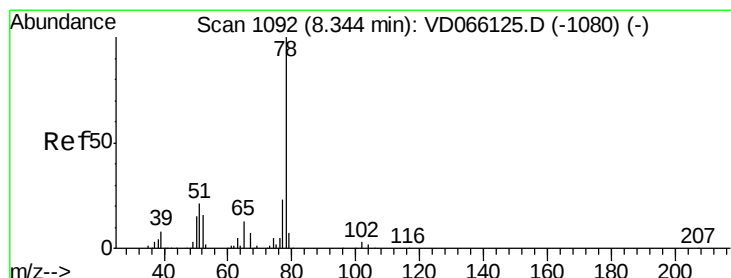
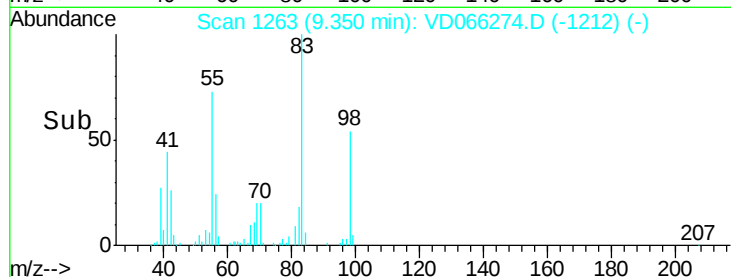
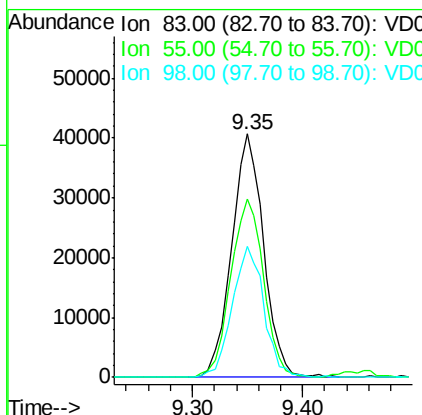
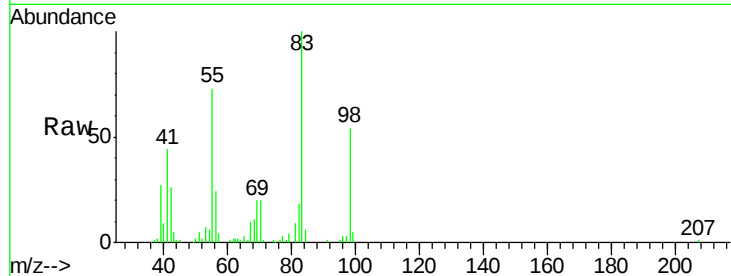




#39
Methylcyclohexane
Concen: 19.705 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

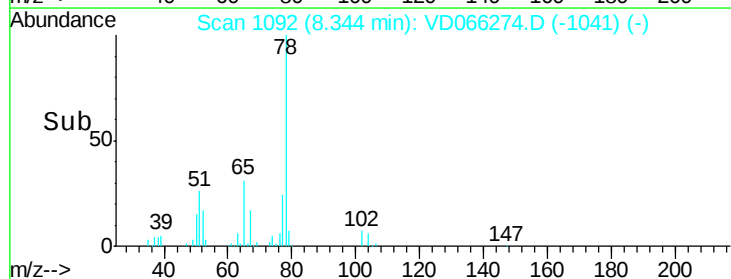
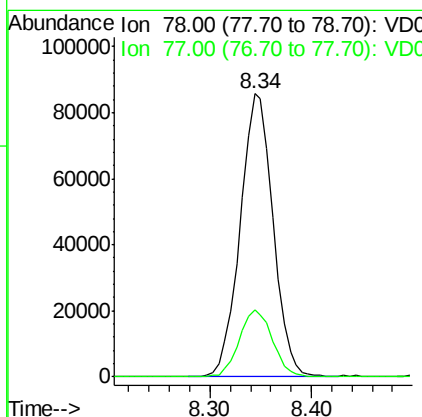
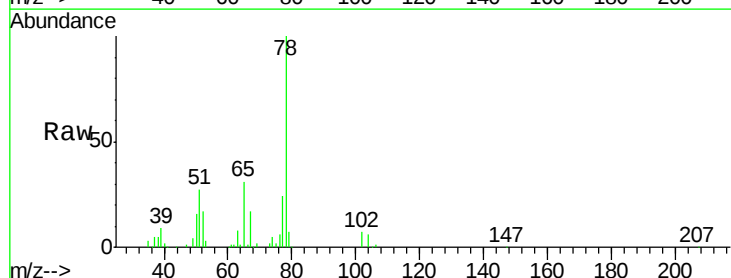
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

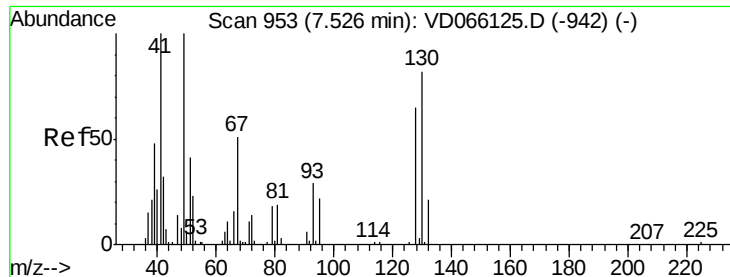
Tgt Ion: 83 Resp: 82591
Ion Ratio Lower Upper
83 100
55 73.4 59.2 88.8
98 54.1 39.8 59.6



#40
Benzene
Concen: 20.039 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 78 Resp: 192750
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41

Methacrylonitrile

Concen: 46.355 ug/l

RT: 7.56 min Scan# 959

Delta R.T. 0.04 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBSD01

Tgt Ion: 41 Resp: 37443

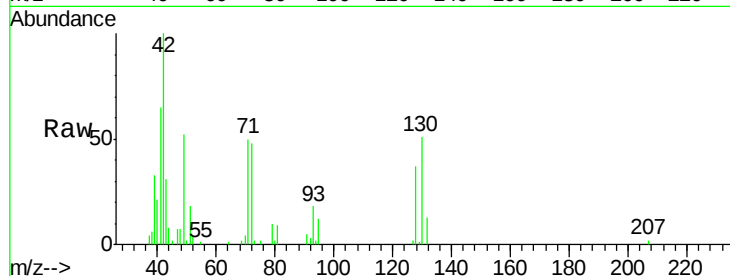
Ion Ratio Lower Upper

41 100

39 0.0 47.5 71.3#

67 0.0 59.1 88.7#

52 0.0 25.4 38.0#

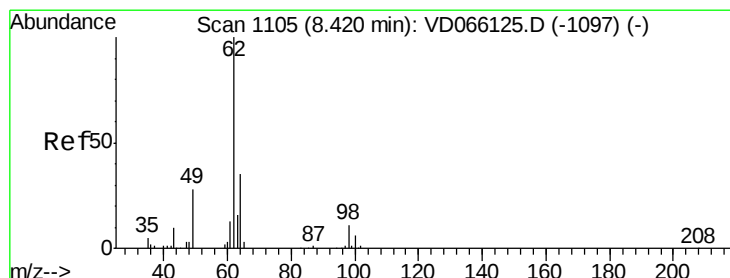
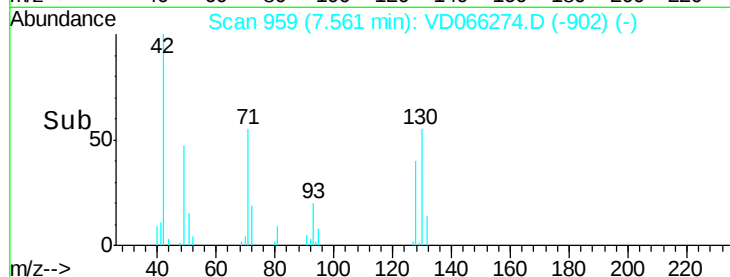
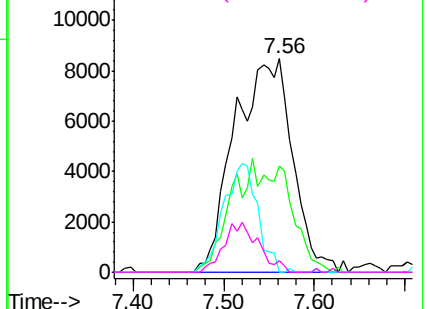


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 21.184 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066274.D

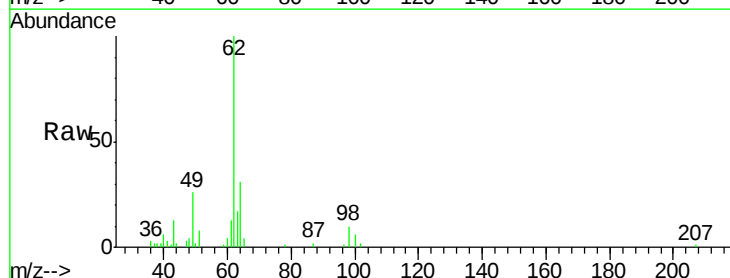
Acq: 18 Aug 2020 13:32

Tgt Ion: 62 Resp: 59860

Ion Ratio Lower Upper

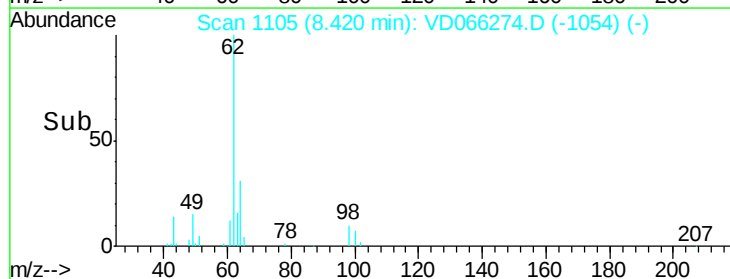
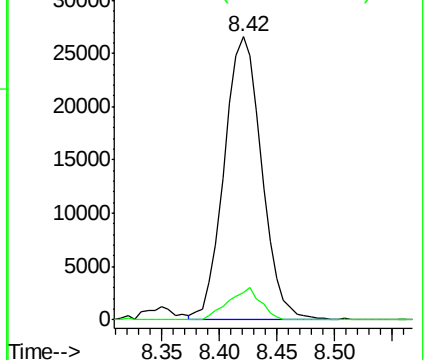
62 100

98 9.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

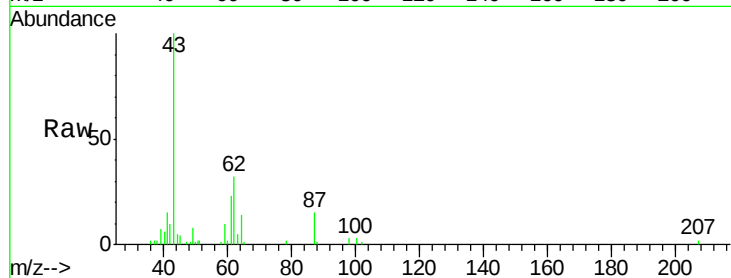




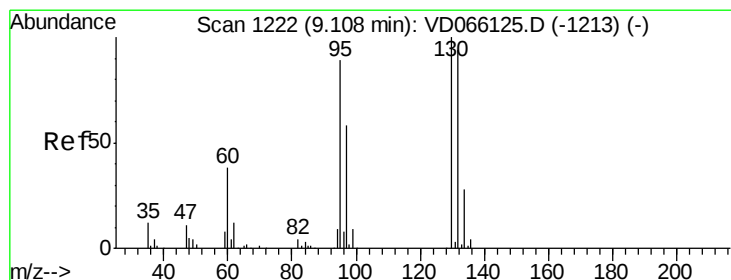
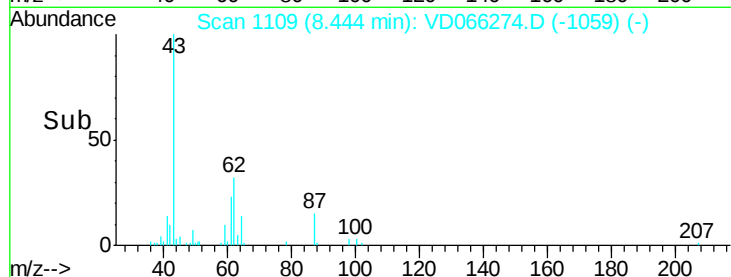
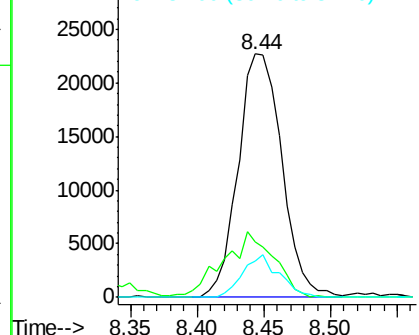
#43
Isopropyl Acetate
Concen: 19.101 ug/l
RT: 8.44 min Scan# 1109
Delta R.T. -0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

Tgt Ion: 43 Resp: 51701
Ion Ratio Lower Upper
43 100
61 31.2 25.5 38.3
87 14.6 11.2 16.8

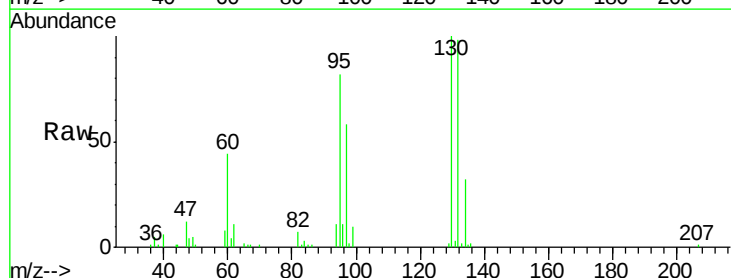


Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 61.00 (60.70 to 61.70): VDC
Ion 87.00 (86.70 to 87.70): VDC

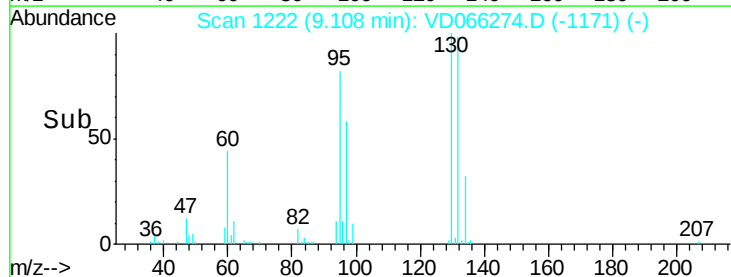
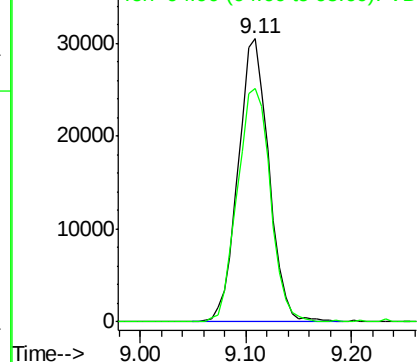


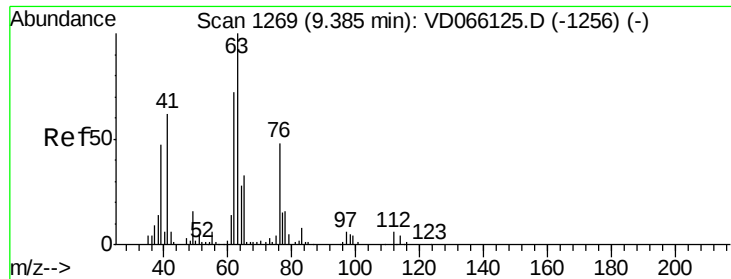
#44
Trichloroethene
Concen: 21.226 ug/l
RT: 9.11 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 130 Resp: 61523
Ion Ratio Lower Upper
130 100
95 82.5 0.0 178.4



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

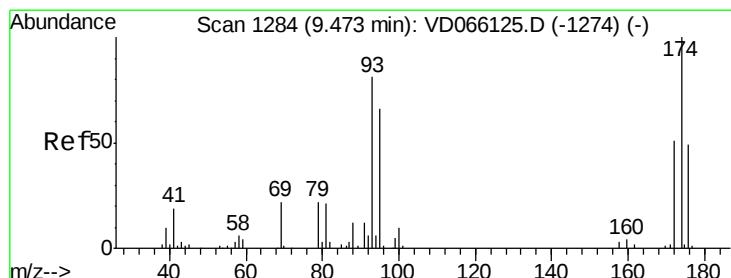
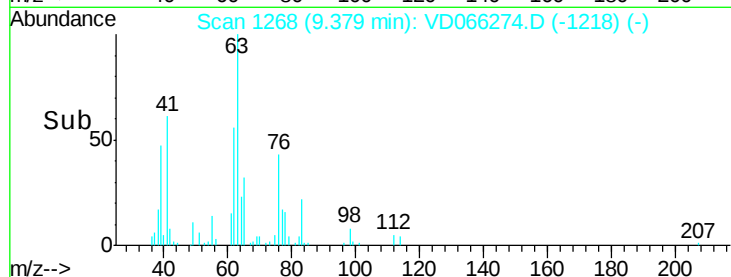
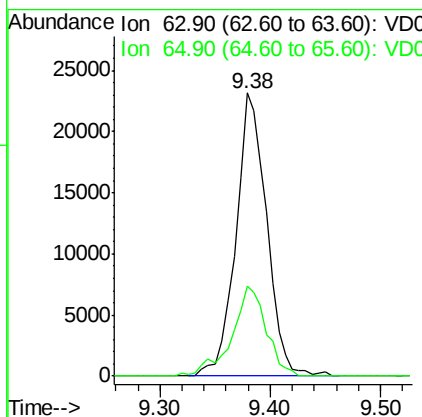
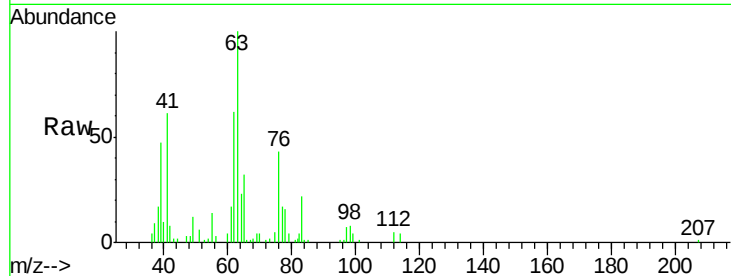




#45
 1,2-Dichloropropane
 Concen: 19.296 ug/l
 RT: 9.38 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

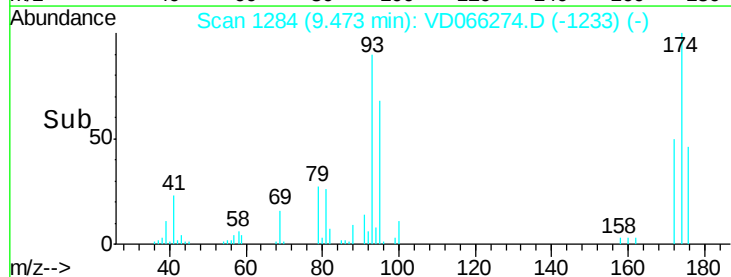
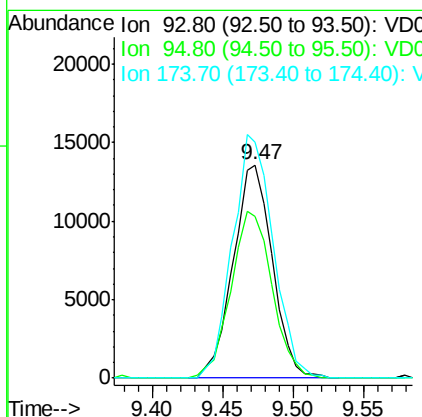
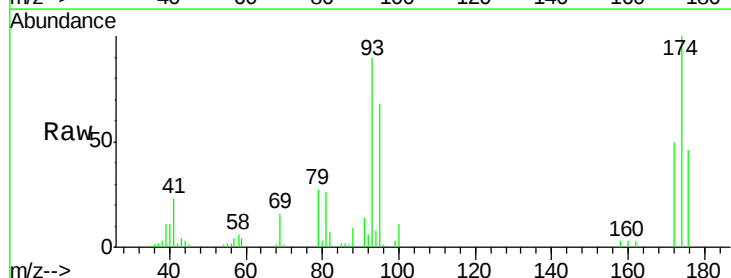
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBSD01

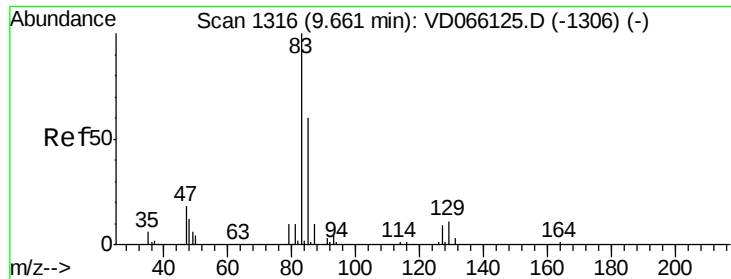
Tgt Ion: 63 Resp: 45392
 Ion Ratio Lower Upper
 63 100
 65 31.7 26.5 39.7



#46
 Dibromomethane
 Concen: 20.358 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 93 Resp: 26380
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.8 98.6
 174 118.5 92.8 139.2





#47

Bromodichloromethane

Concen: 21.449 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBSD01

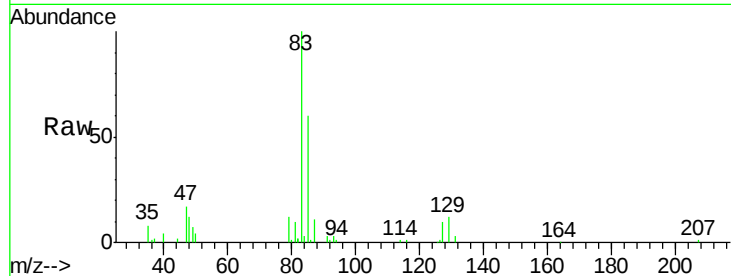
Tgt Ion: 83 Resp: 73458

Ion Ratio Lower Upper

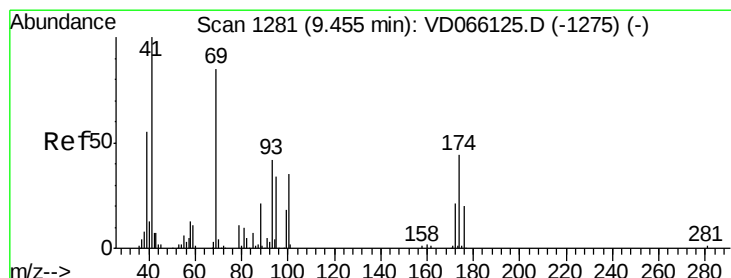
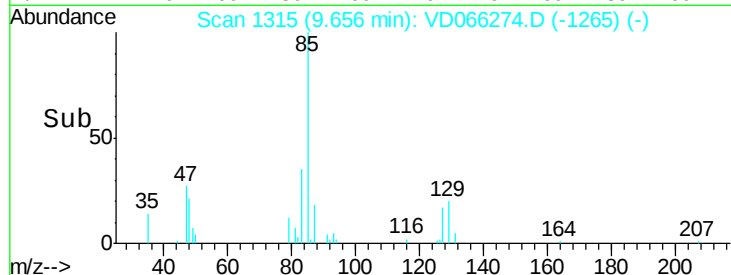
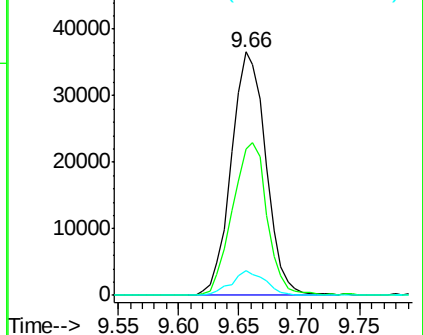
83 100

85 60.3 48.2 72.4

127 10.4 7.3 10.9



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: 16.231 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

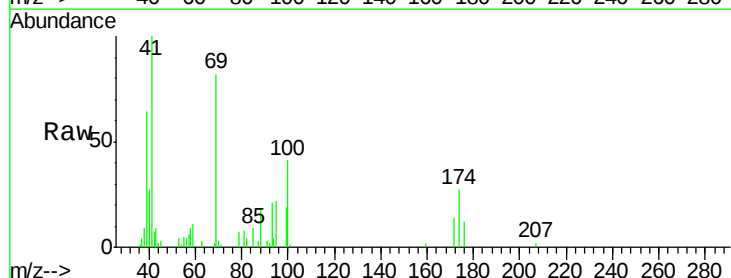
Tgt Ion: 41 Resp: 22434

Ion Ratio Lower Upper

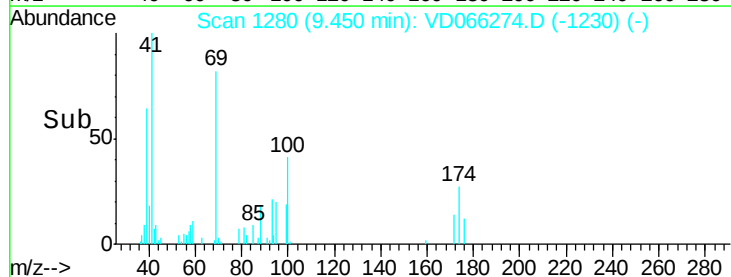
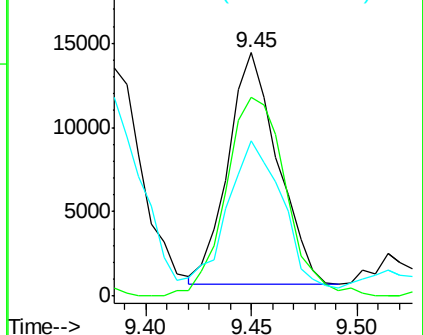
41 100

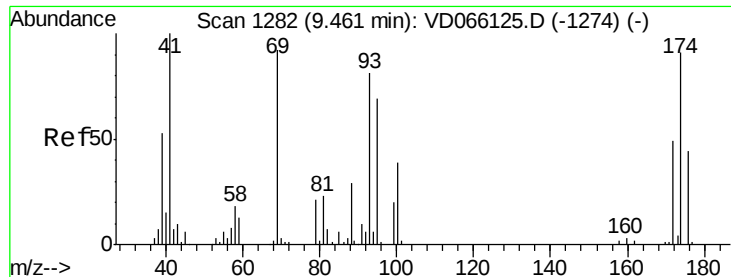
69 103.5 63.9 95.9#

39 67.8 42.6 64.0#



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

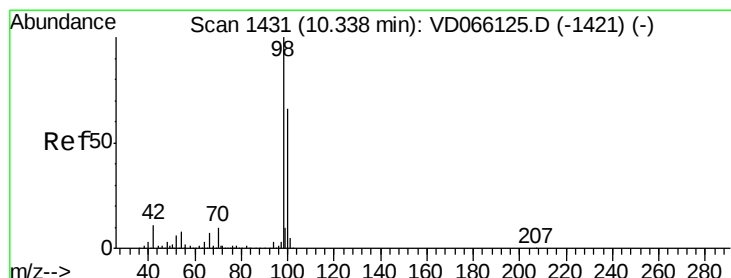
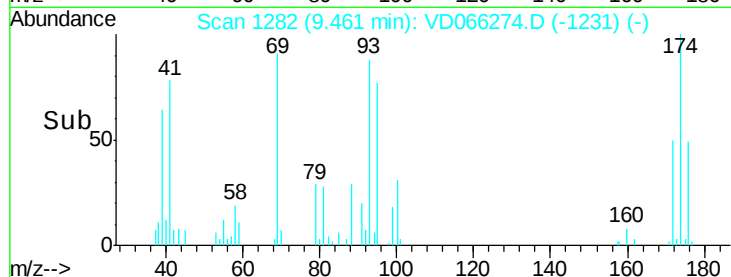
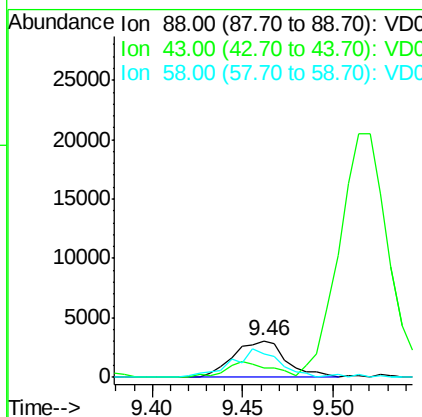
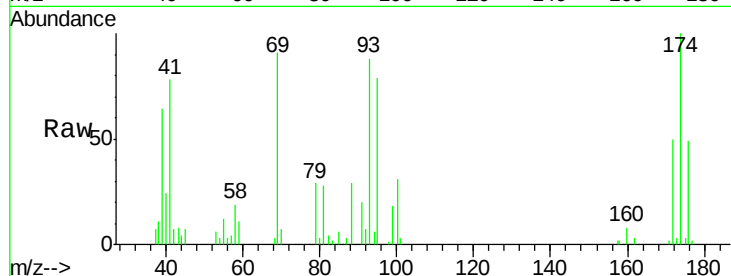




#49
1,4-Dioxane
Concen: 368.700 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

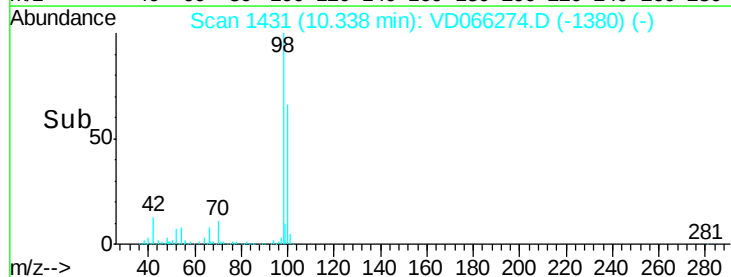
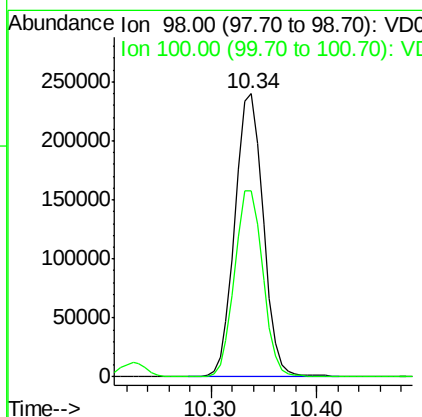
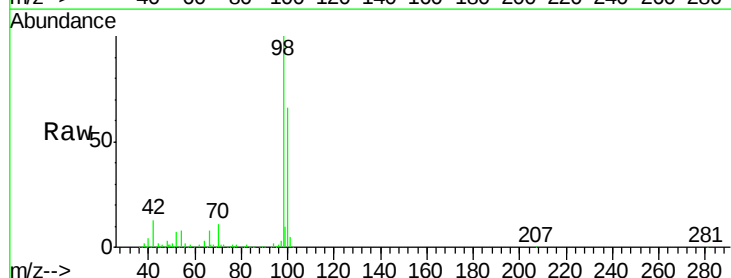
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

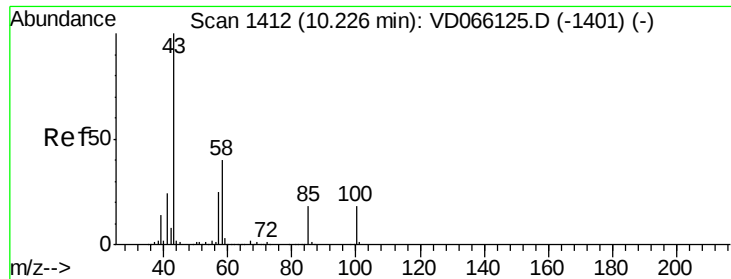
Tgt Ion: 88 Resp: 6138
Ion Ratio Lower Upper
88 100
43 37.7 27.5 41.3
58 70.5 50.2 75.4



#50
Toluene-d8
Concen: 51.773 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 98 Resp: 446583
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 93.340 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

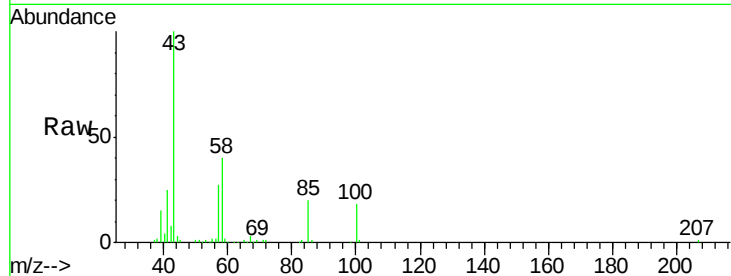
VD0818SBS01

Tgt Ion: 43 Resp: 129776

Ion Ratio Lower Upper

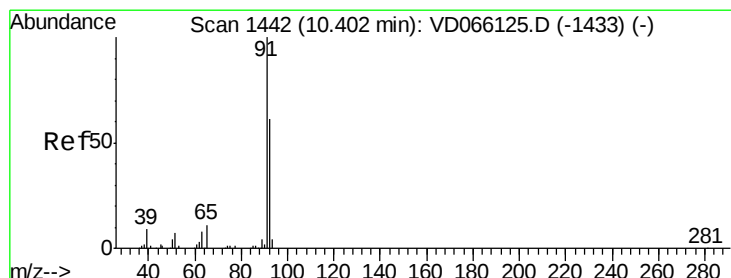
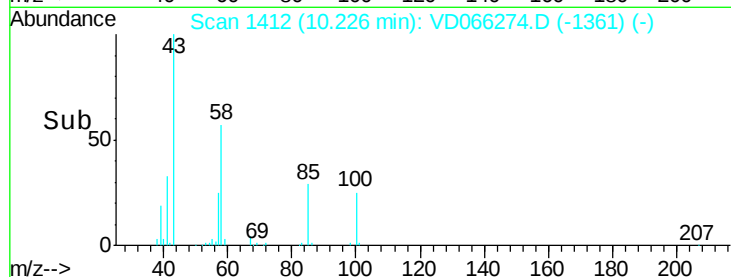
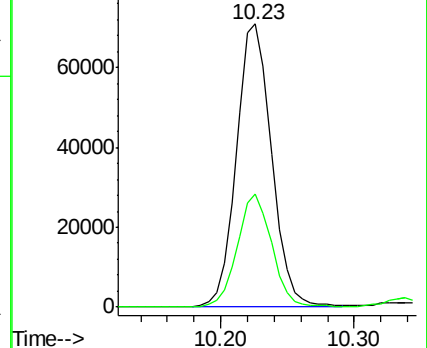
43 100

58 39.2 31.1 46.7



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 20.525 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066274.D

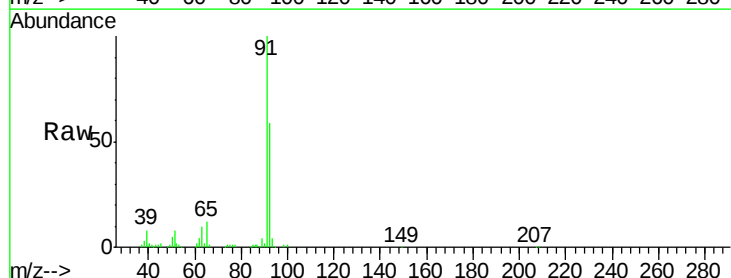
Acq: 18 Aug 2020 13:32

Tgt Ion: 92 Resp: 129906

Ion Ratio Lower Upper

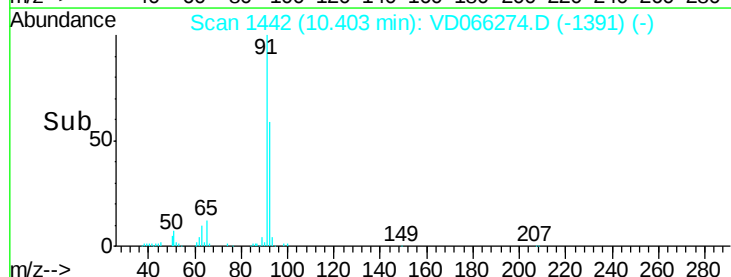
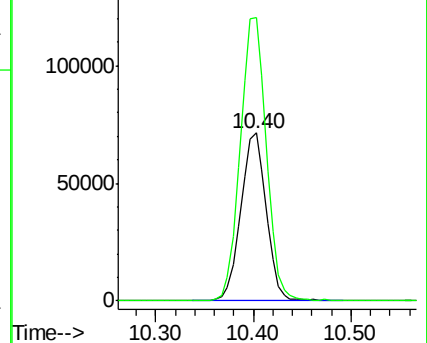
92 100

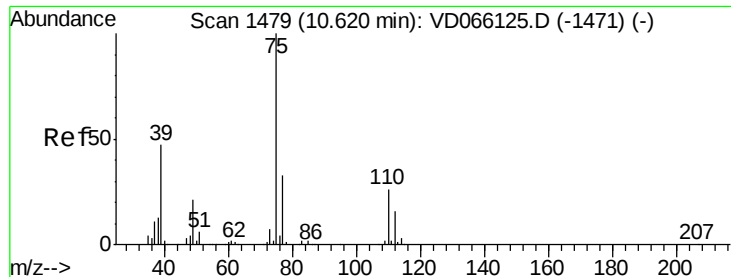
91 172.5 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

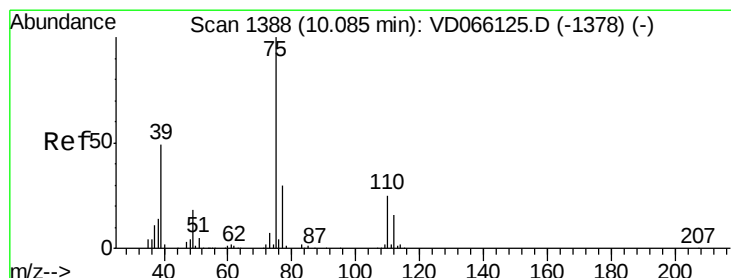
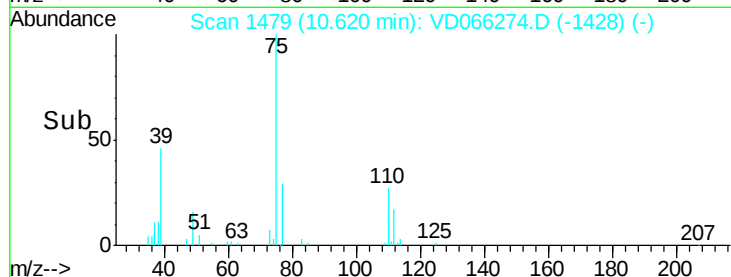
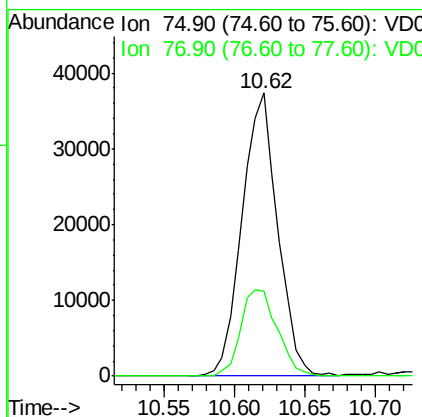
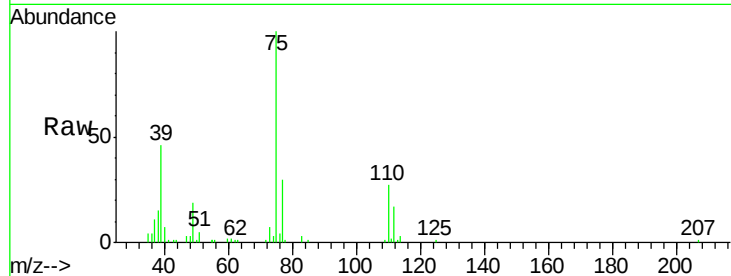




#53
 t-1,3-Dichloropropene
 Concen: 20.334 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

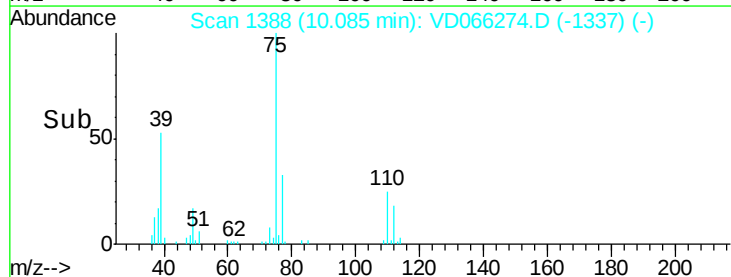
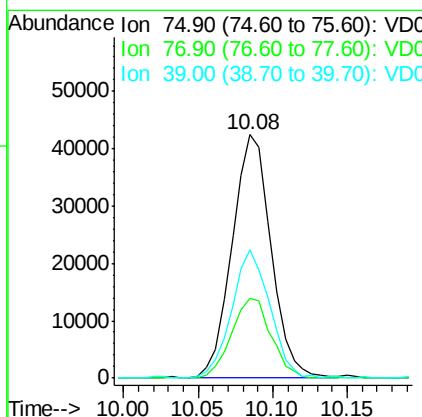
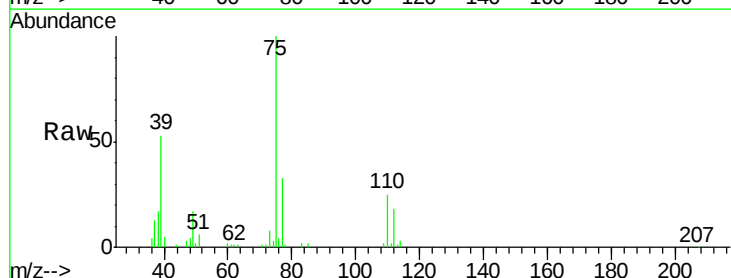
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBSD01

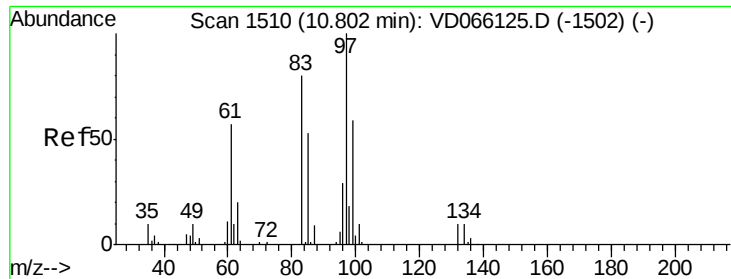
Tgt Ion: 75 Resp: 66088
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.332 ug/l
 RT: 10.08 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 75 Resp: 77422
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.3 36.5
 39 52.4 39.3 58.9





#55

1,1,2-Trichloroethane

Concen: 19.820 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

Tgt Ion: 97 Resp: 36982

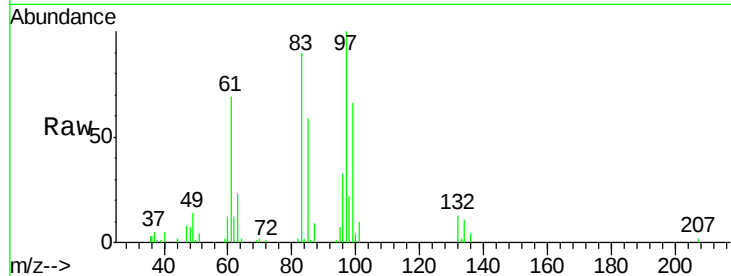
Ion Ratio Lower Upper

97 100

83 90.4 63.9 95.9

85 58.9 42.5 63.7

99 66.4 47.4 71.0

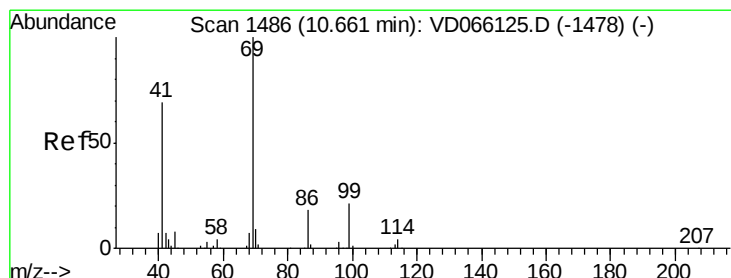
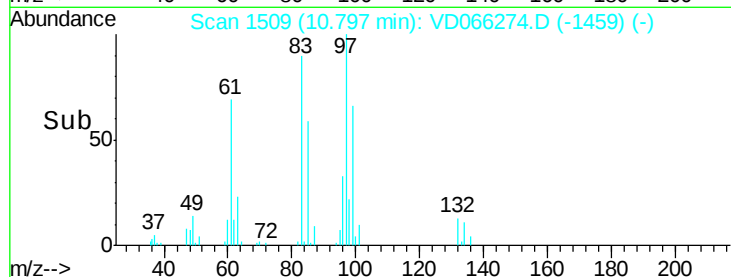
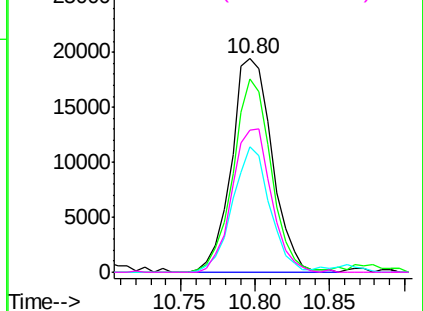


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 19.175 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

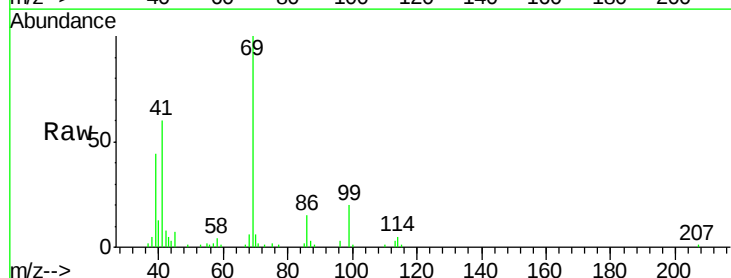
Tgt Ion: 69 Resp: 42979

Ion Ratio Lower Upper

69 100

41 64.9 54.1 81.1

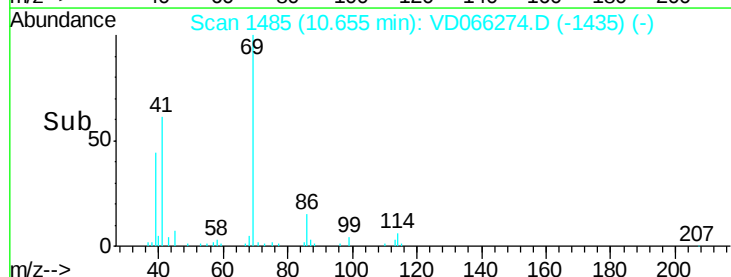
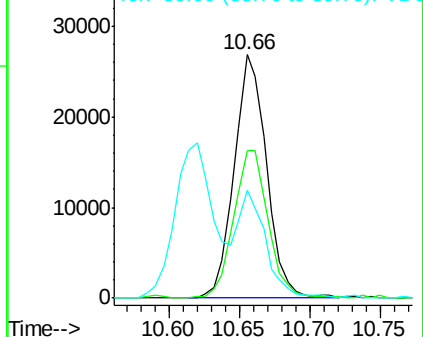
39 37.7 28.6 43.0

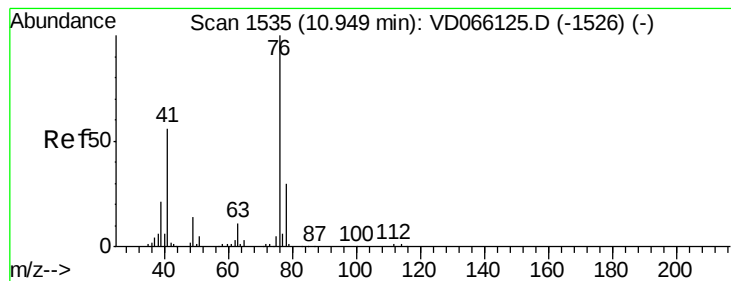


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 20.383 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

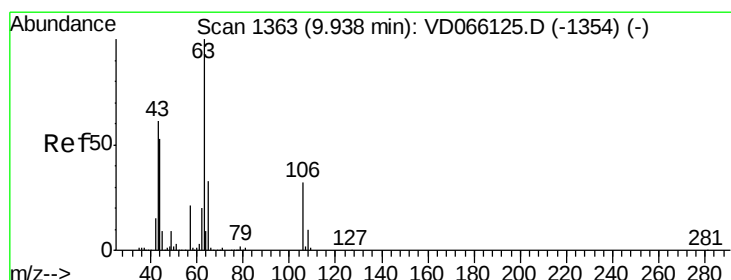
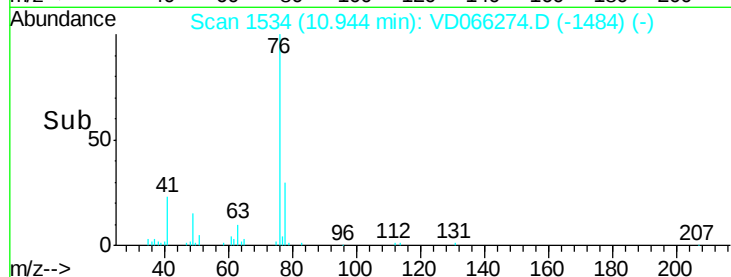
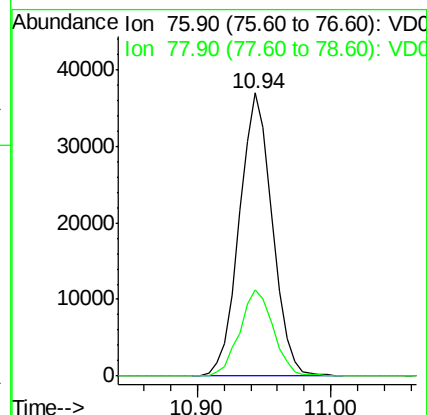
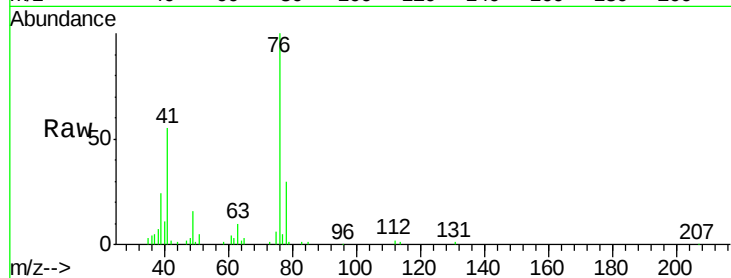
VD0818SBSD01

Tgt Ion: 76 Resp: 63138

Ion Ratio Lower Upper

76 100

78 31.0 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 107.176 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066274.D

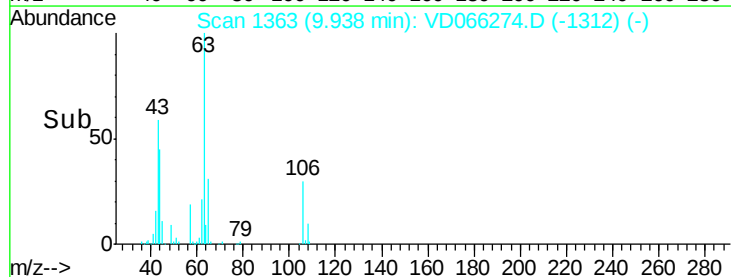
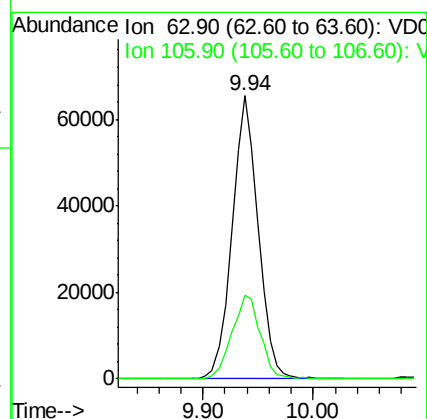
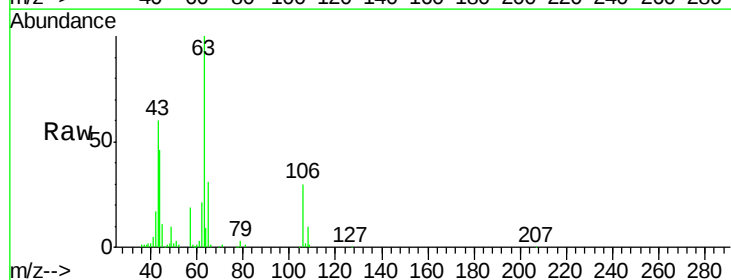
Acq: 18 Aug 2020 13:32

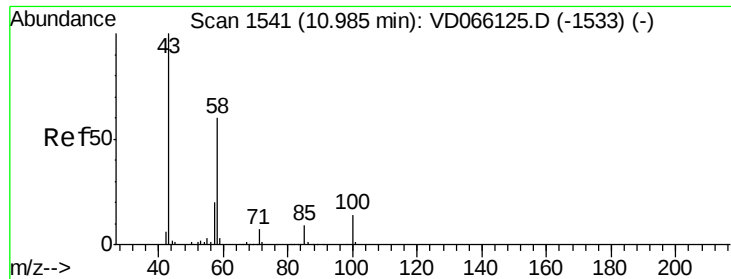
Tgt Ion: 63 Resp: 108059

Ion Ratio Lower Upper

63 100

106 32.1 25.3 37.9

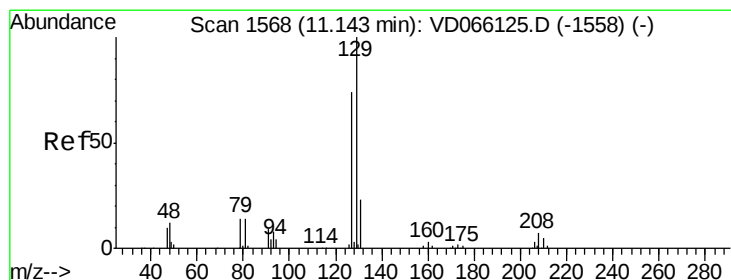
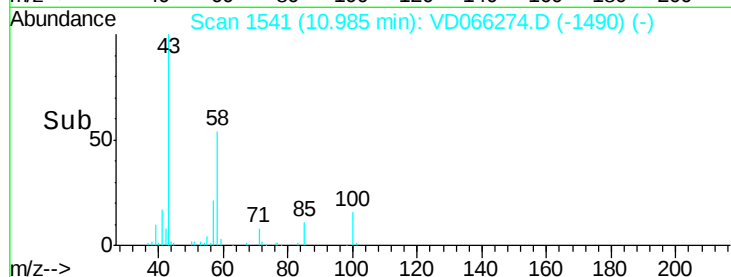
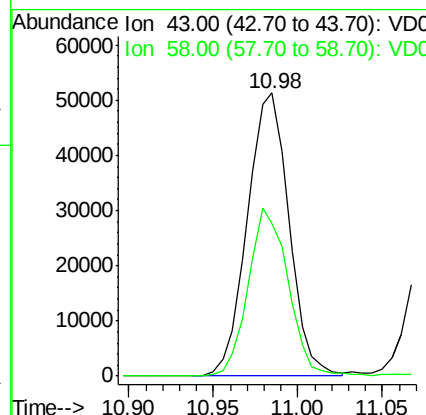
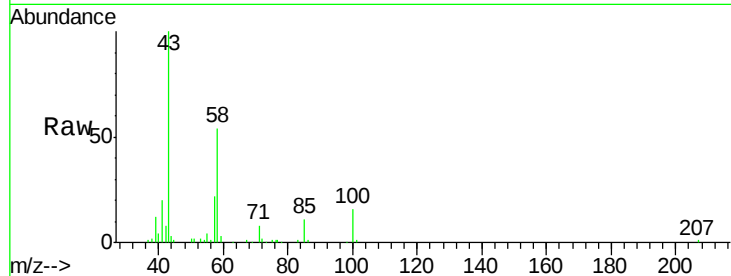




#59
2-Hexanone
Concen: 90.343 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

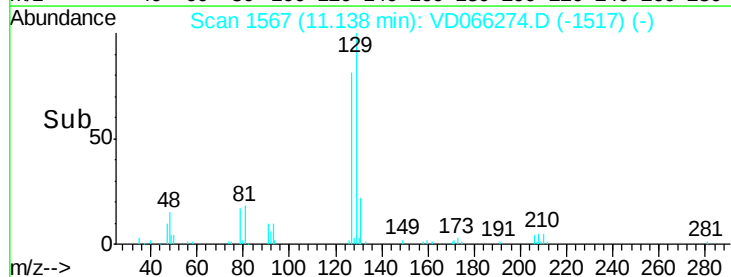
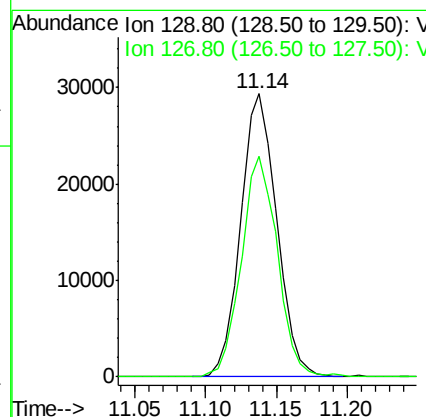
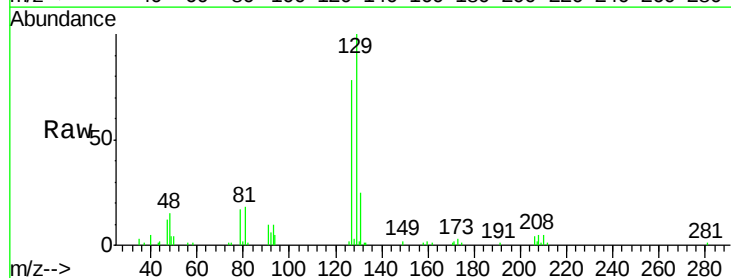
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

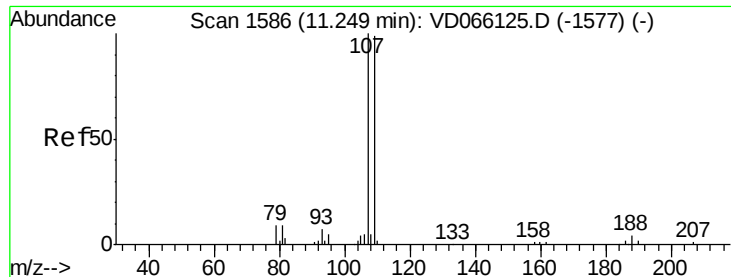
Tgt Ion: 43 Resp: 88155
Ion Ratio Lower Upper
43 100
58 56.9 27.8 83.4



#60
Dibromochloromethane
Concen: 20.347 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 129 Resp: 52415
Ion Ratio Lower Upper
129 100
127 78.2 38.0 114.1

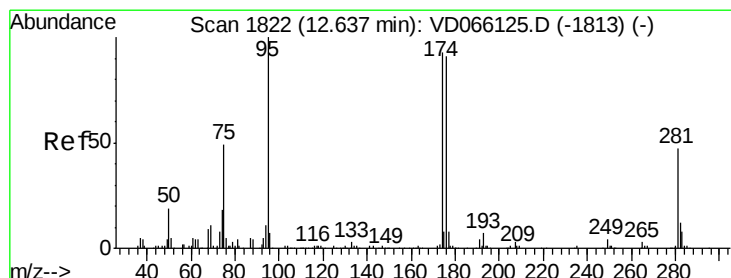
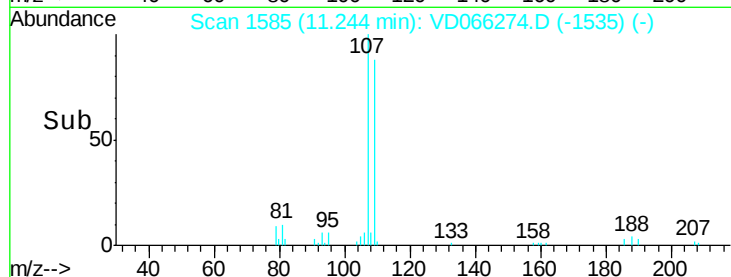
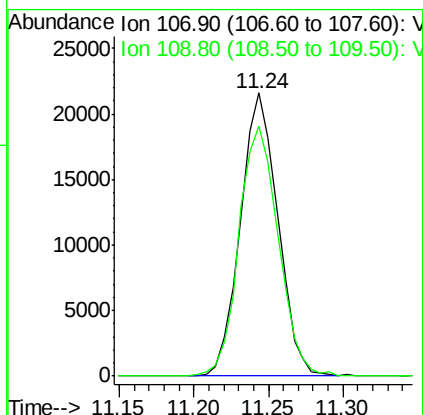
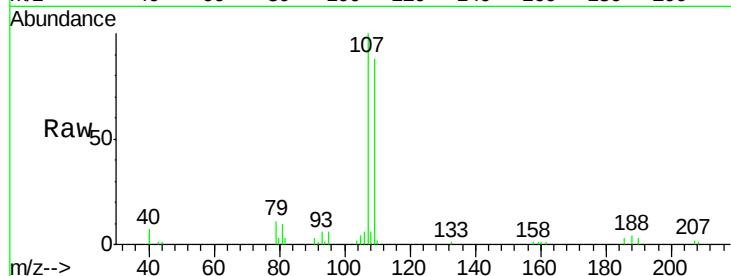




#61
 1,2-Dibromoethane
 Concen: 20.912 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

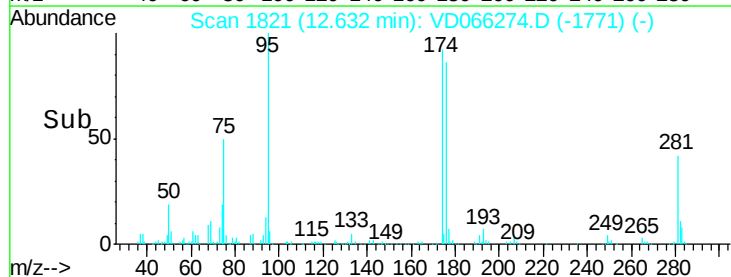
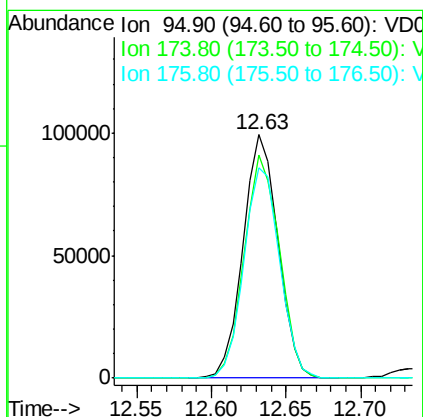
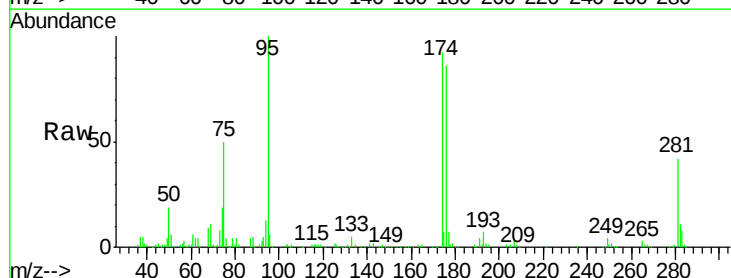
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBSD01

Tgt Ion: 107 Resp: 37526
 Ion Ratio Lower Upper
 107 100
 109 92.9 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 51.649 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 95 Resp: 160592
 Ion Ratio Lower Upper
 95 100
 174 92.4 0.0 180.8
 176 88.6 0.0 181.2

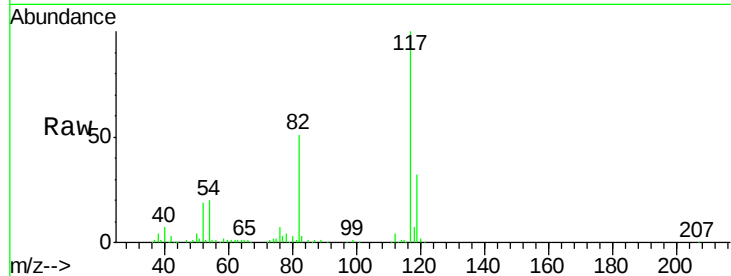




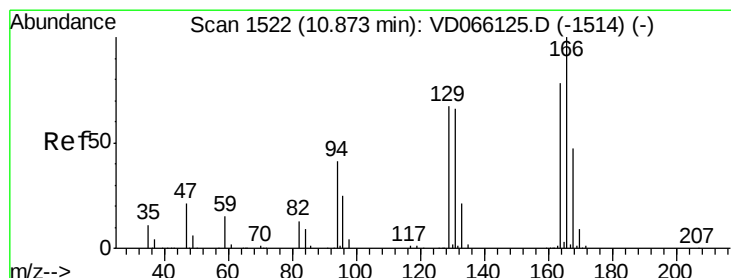
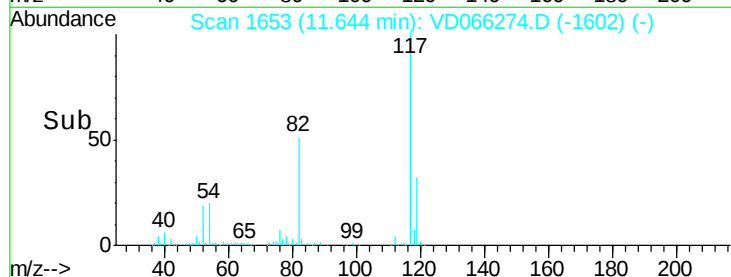
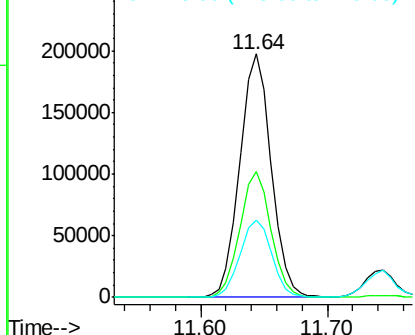
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

Tgt Ion:117 Resp: 339458
Ion Ratio Lower Upper
117 100
82 51.5 43.0 64.4
119 31.5 26.1 39.1



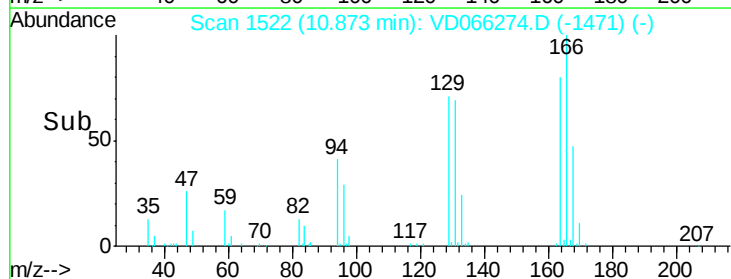
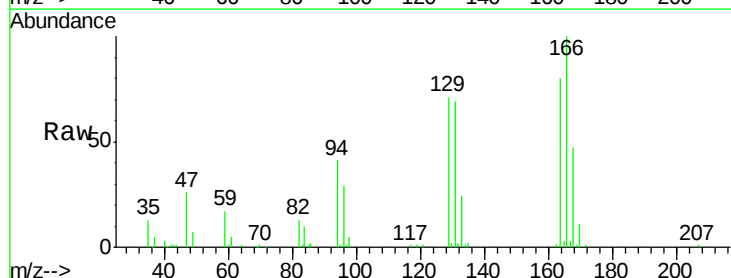
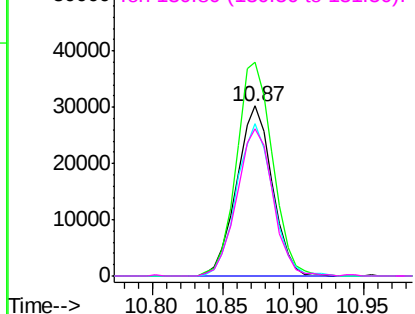
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

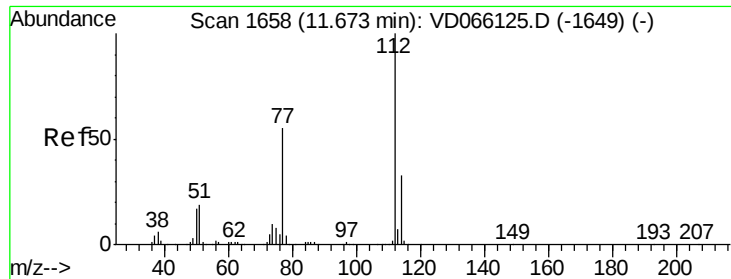


#64
Tetrachloroethene
Concen: 20.392 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion:164 Resp: 53154
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 89.5 68.1 102.1
131 86.9 67.6 101.4

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

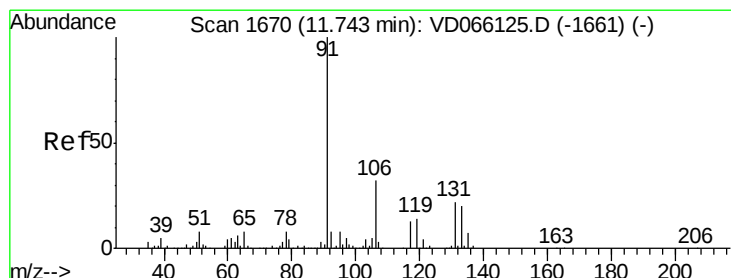
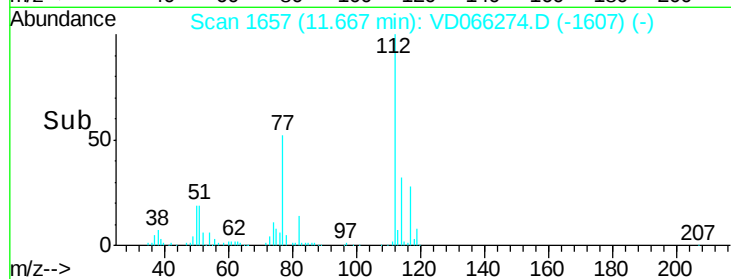
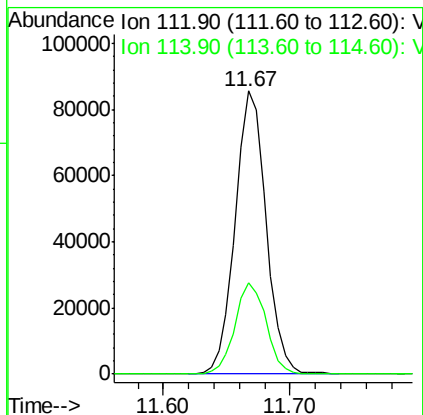
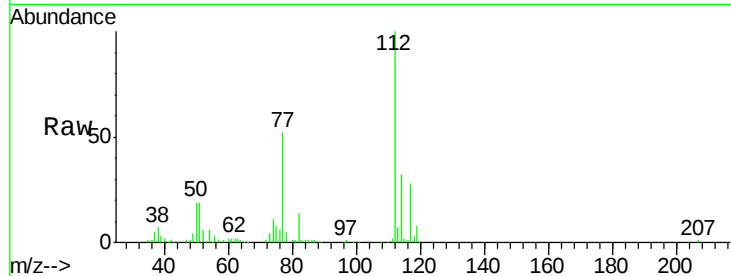




#65
Chlorobenzene
Concen: 20.959 ug/l
RT: 11.67 min Scan# 1657
Delta R.T. -0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

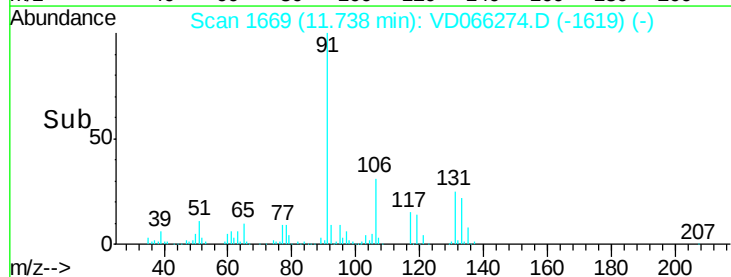
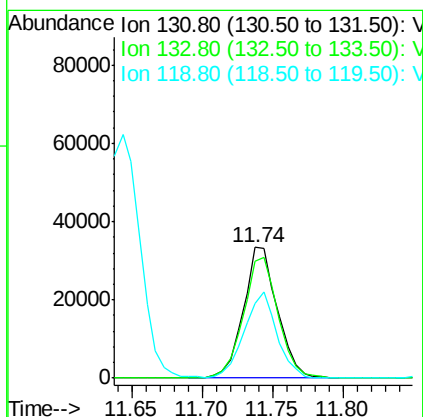
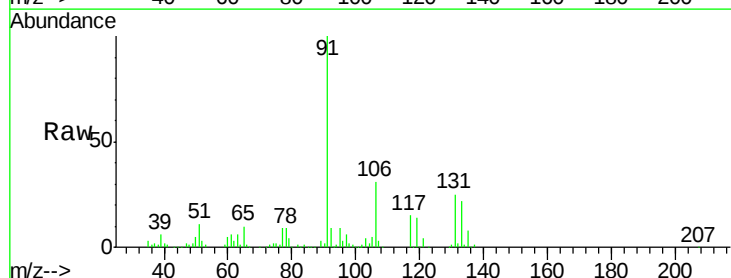
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

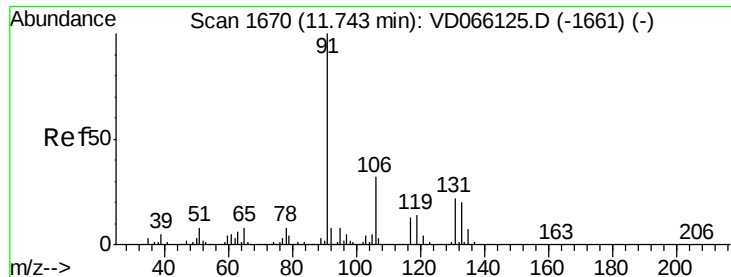
Tgt Ion:112 Resp: 144429
Ion Ratio Lower Upper
112 100
114 32.4 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 20.846 ug/l
RT: 11.74 min Scan# 1669
Delta R.T. -0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion:131 Resp: 56207
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.4
119 63.5 31.6 94.7





#67

Ethyl Benzene

Concen: 21.030 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

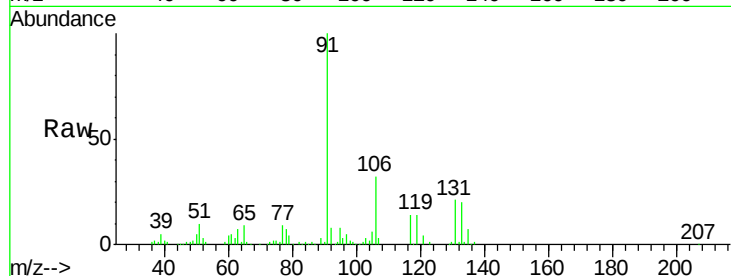
VD0818SBSD01

Tgt Ion: 91 Resp: 251138

Ion Ratio Lower Upper

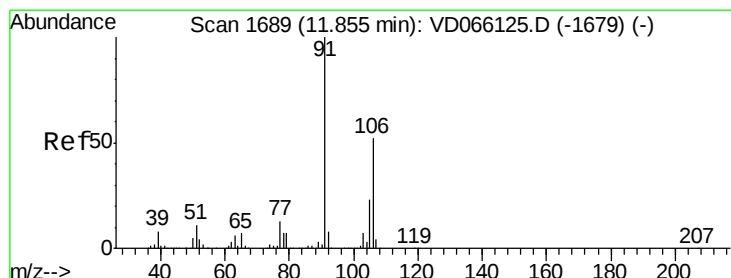
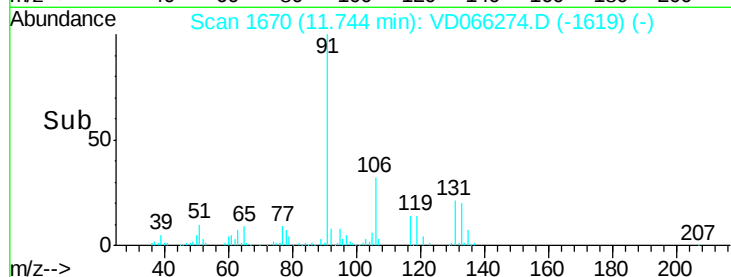
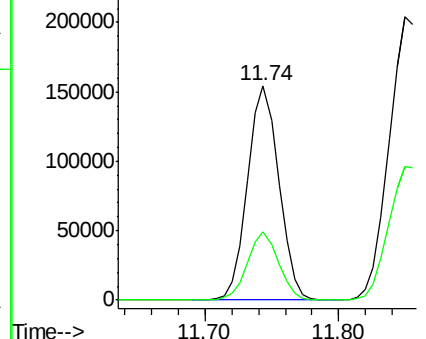
91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): VDC



#68

m/p-Xylenes

Concen: 41.635 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. -0.01 min

Lab File: VD066274.D

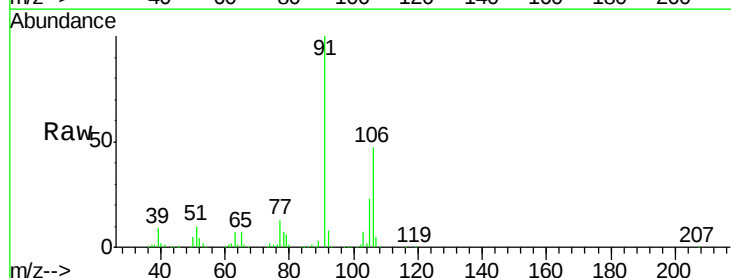
Acq: 18 Aug 2020 13:32

Tgt Ion: 106 Resp: 192633

Ion Ratio Lower Upper

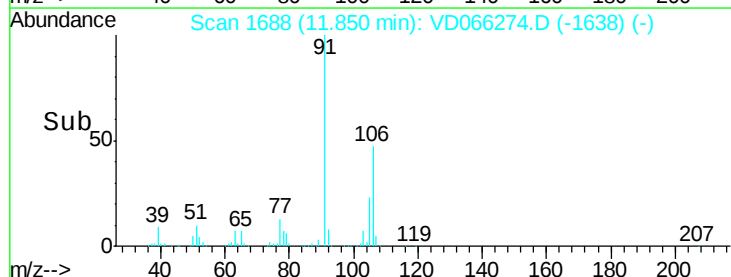
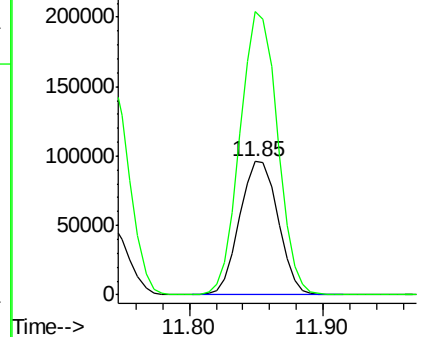
106 100

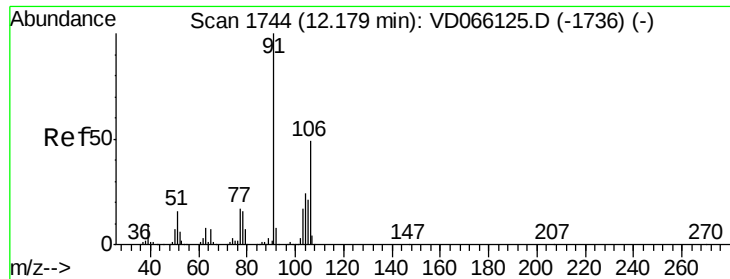
91 206.4 156.6 235.0



Abundance Ion 106.00 (105.70 to 106.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

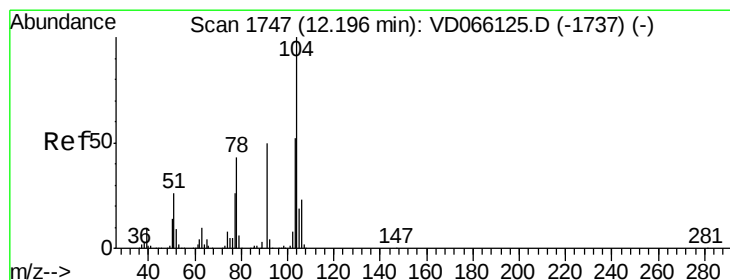
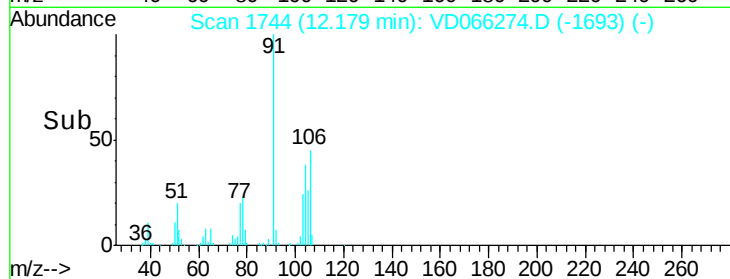
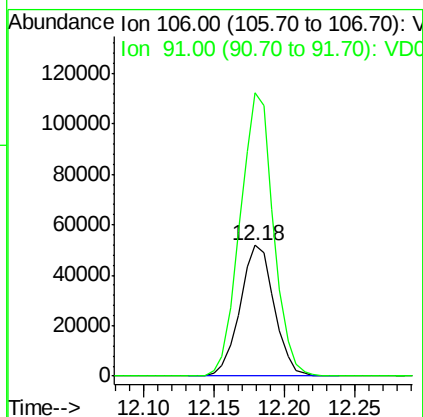
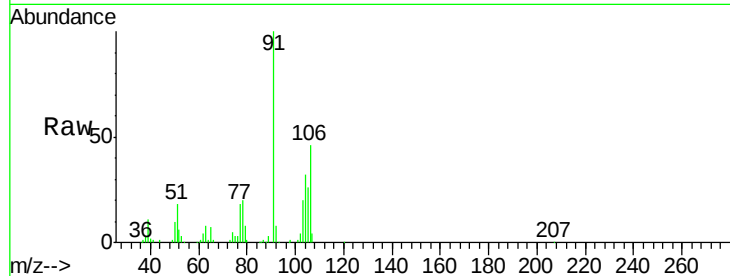




#69
o-Xylene
Concen: 20.768 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

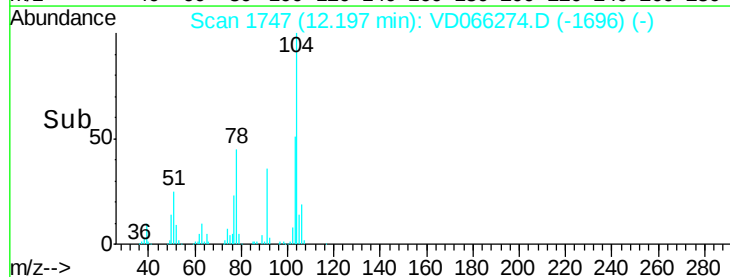
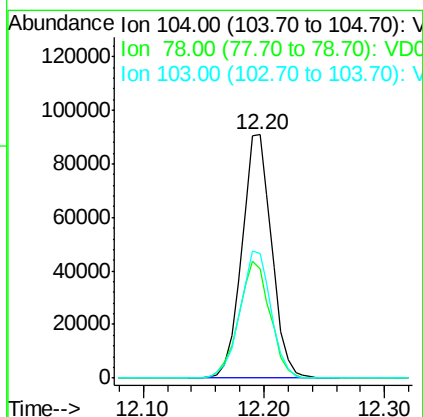
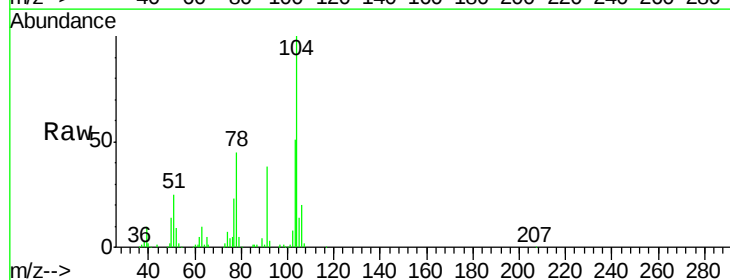
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

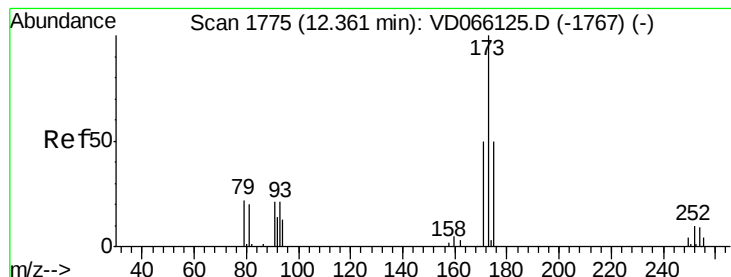
Tgt Ion:106 Resp: 87408
Ion Ratio Lower Upper
106 100
91 212.0 105.7 317.1



#70
Styrene
Concen: 21.181 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion:104 Resp: 156228
Ion Ratio Lower Upper
104 100
78 50.5 38.6 58.0
103 54.5 44.1 66.1





#71

Bromoform

Concen: 21.106 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

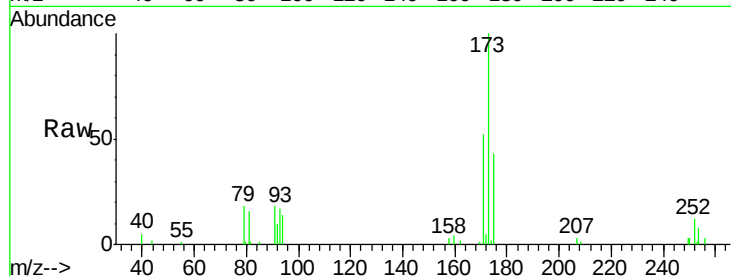
Tgt Ion:173 Resp: 33717

Ion Ratio Lower Upper

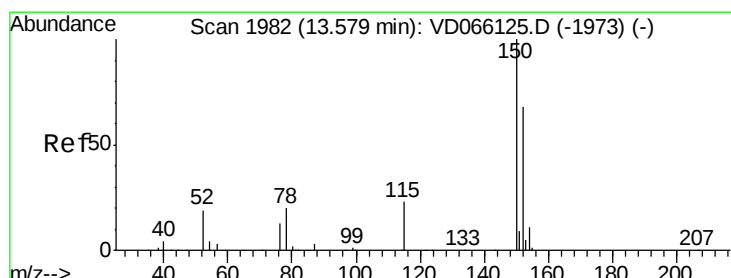
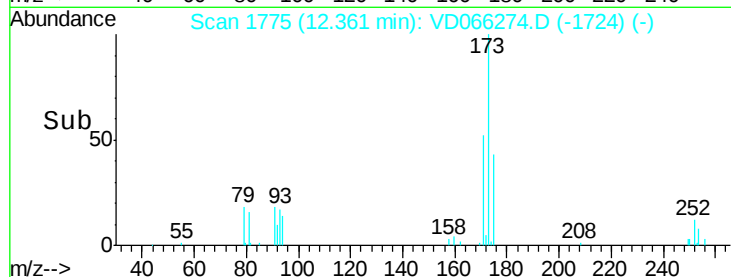
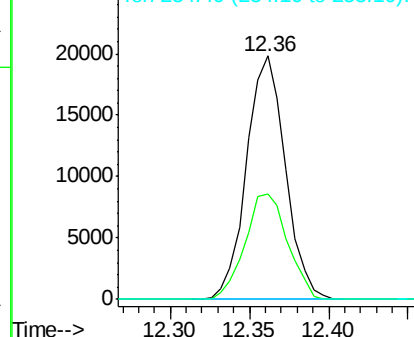
173 100

175 47.4 24.6 73.6

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

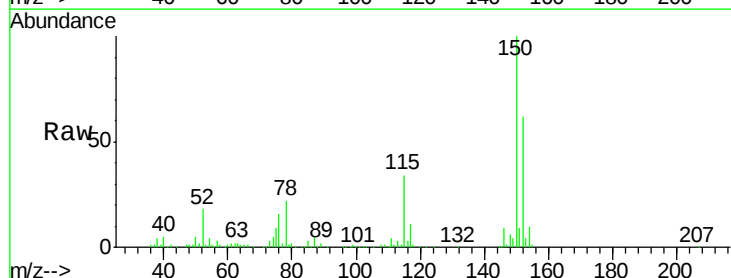
Tgt Ion:152 Resp: 177694

Ion Ratio Lower Upper

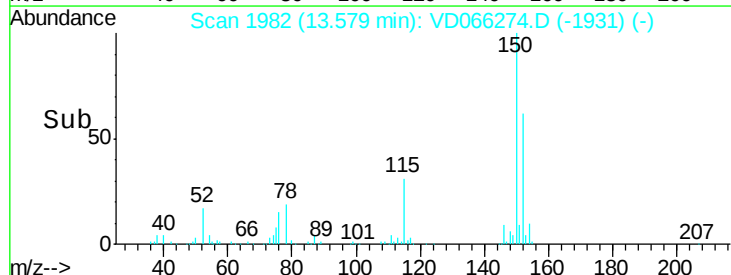
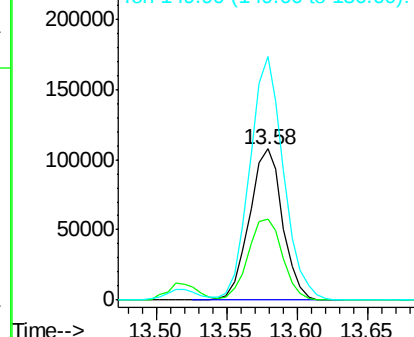
152 100

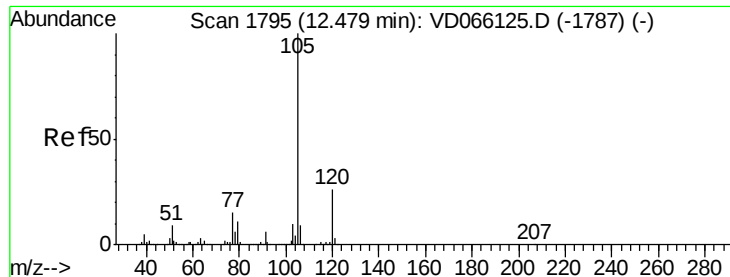
115 55.7 28.0 83.9

150 163.5 0.0 346.4



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





#73

Isopropylbenzene

Concen: 20.659 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

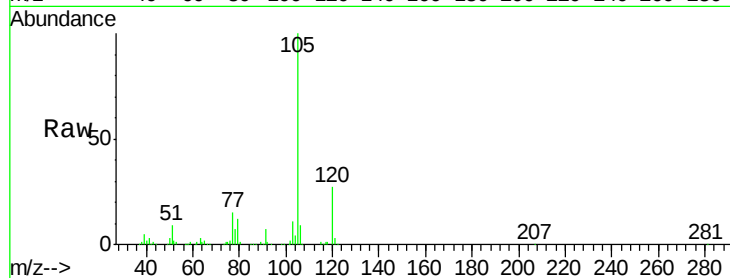
VD0818SBSD01

Tgt Ion: 105 Resp: 245049

Ion Ratio Lower Upper

105 100

120 28.1 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

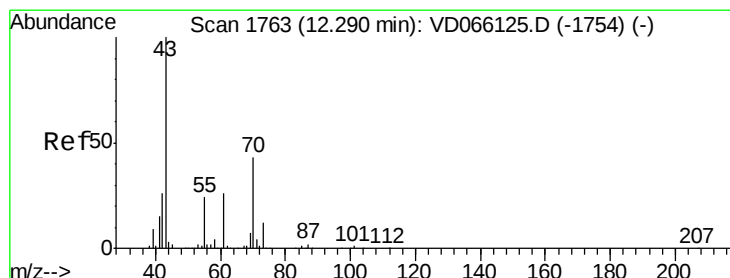
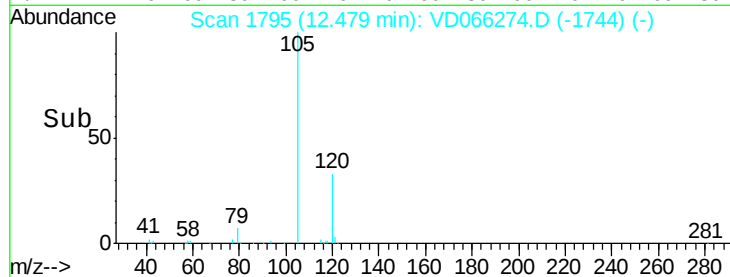
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.418 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Tgt Ion: 43 Resp: 48107

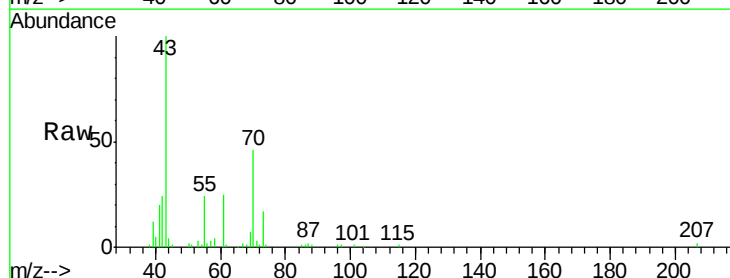
Ion Ratio Lower Upper

43 100

70 44.9 34.9 52.3

55 24.7 19.2 28.8

61 24.2 19.7 29.5



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

12.29

50000

40000

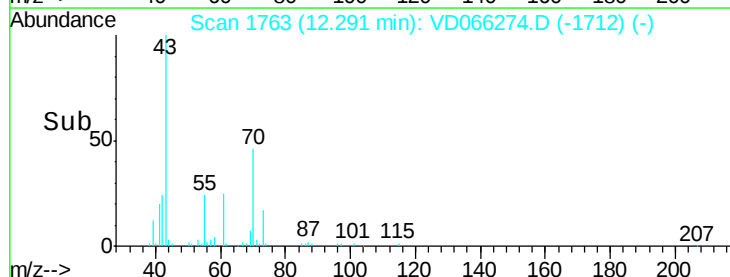
30000

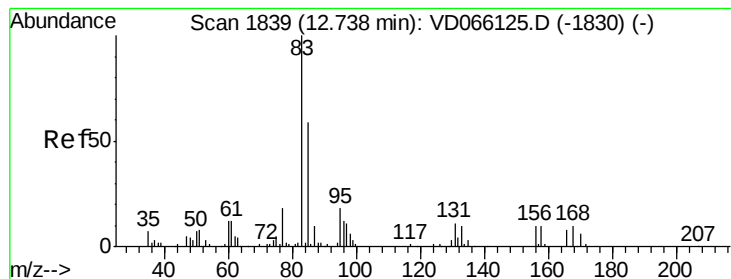
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.089 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBSD01

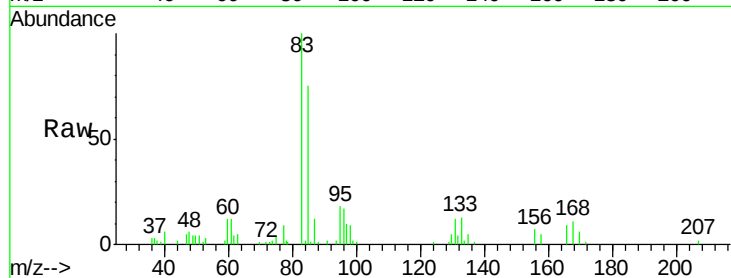
Tgt Ion: 83 Resp: 38609

Ion Ratio Lower Upper

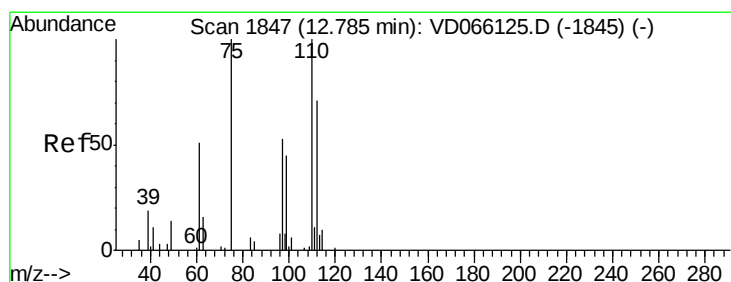
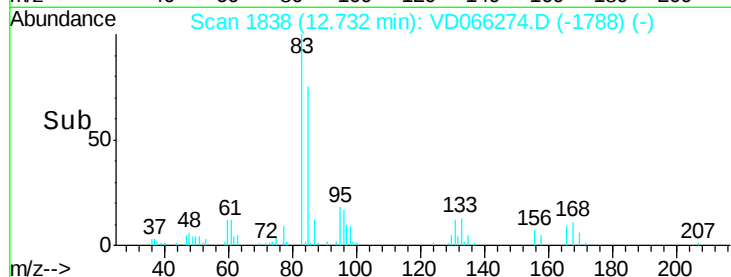
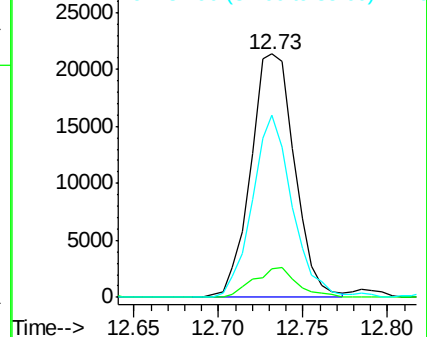
83 100

131 12.1 6.2 18.6

85 68.7 32.4 97.2



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: 35.992 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VD066274.D

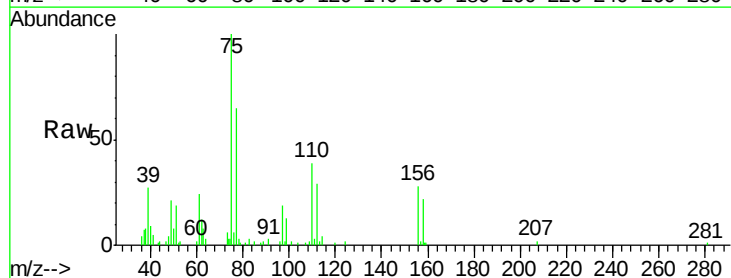
Acq: 18 Aug 2020 13:32

Tgt Ion: 75 Resp: 53334

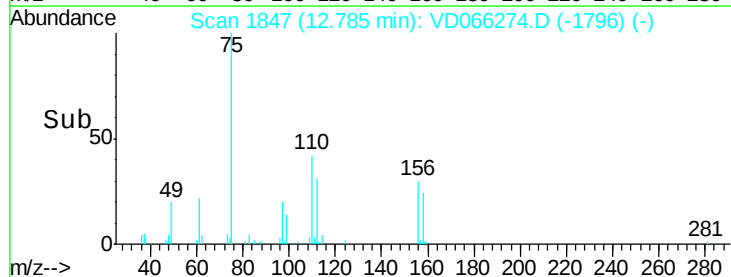
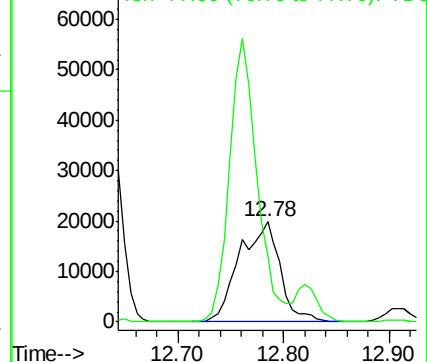
Ion Ratio Lower Upper

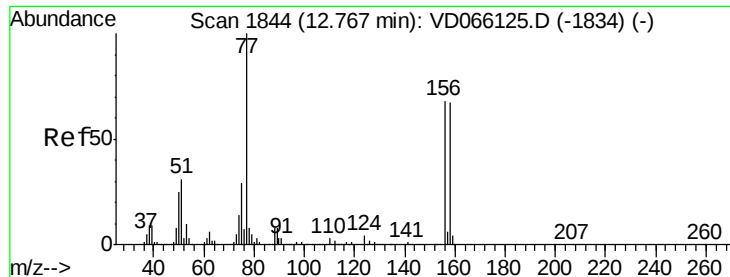
75 100

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: 20.298 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBS01

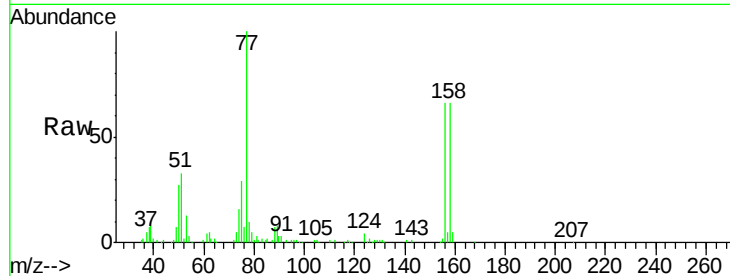
Tgt Ion:156 Resp: 61978

Ion Ratio Lower Upper

156 100

77 164.2 81.0 243.1

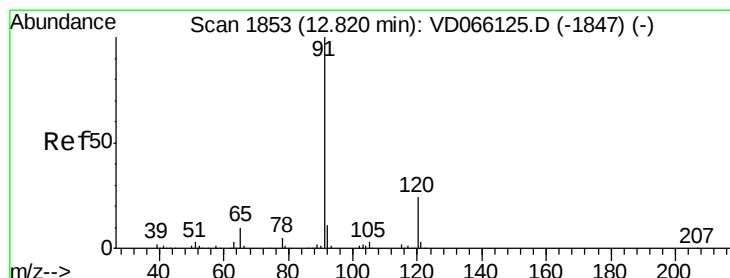
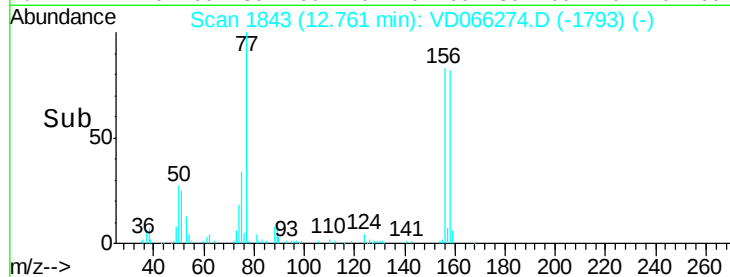
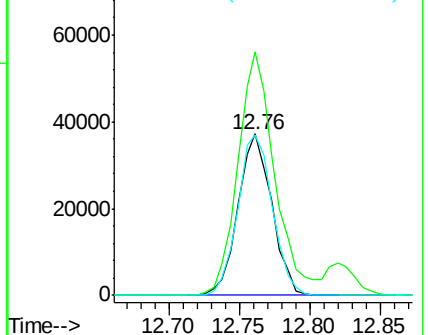
158 102.8 48.8 146.3



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: 21.343 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066274.D

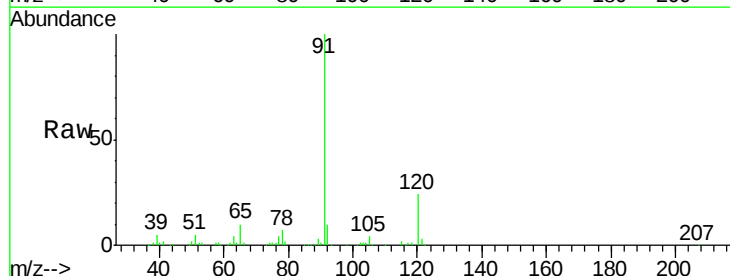
Acq: 18 Aug 2020 13:32

Tgt Ion: 91 Resp: 294282

Ion Ratio Lower Upper

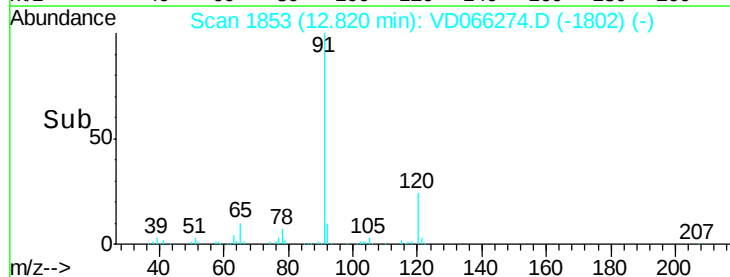
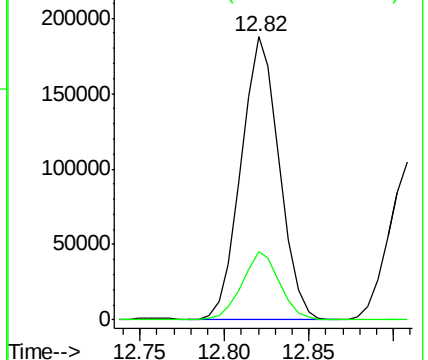
91 100

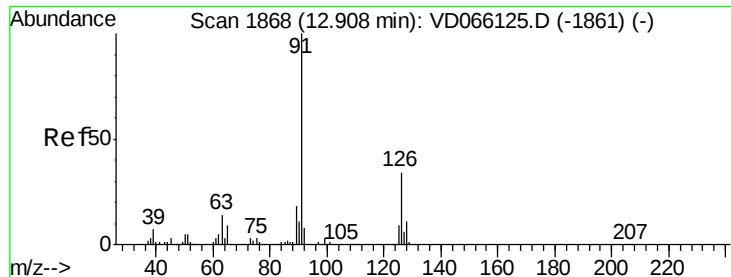
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

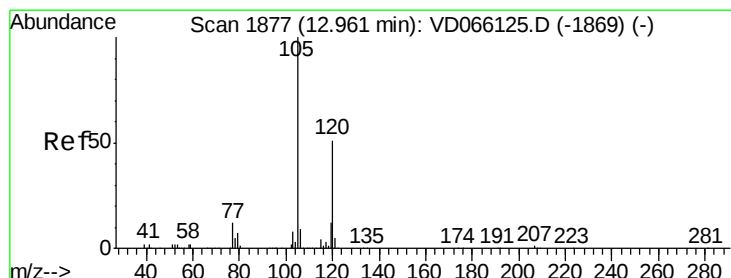
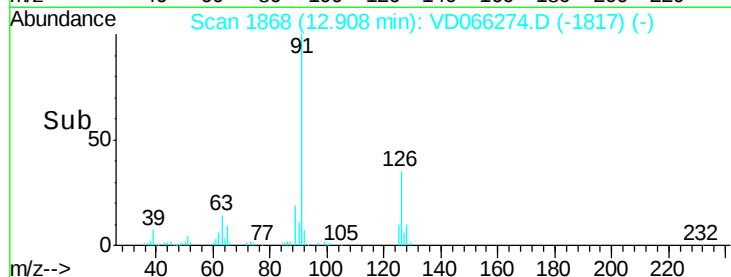
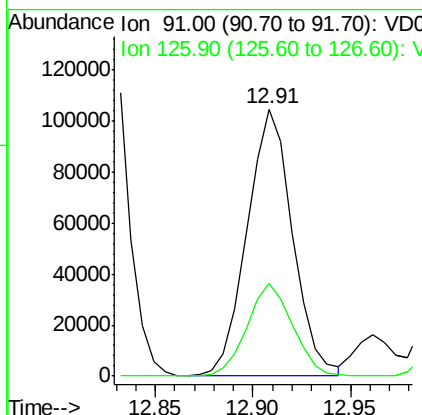
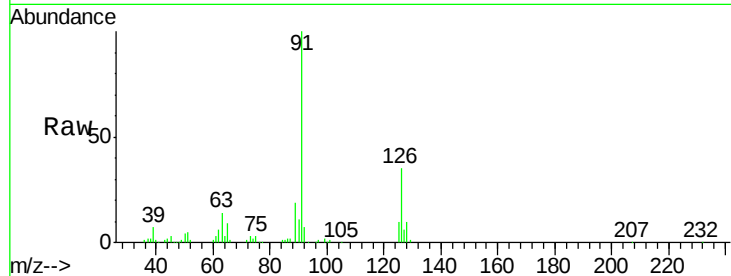




#79
 2-Chlorotoluene
 Concen: 21.344 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

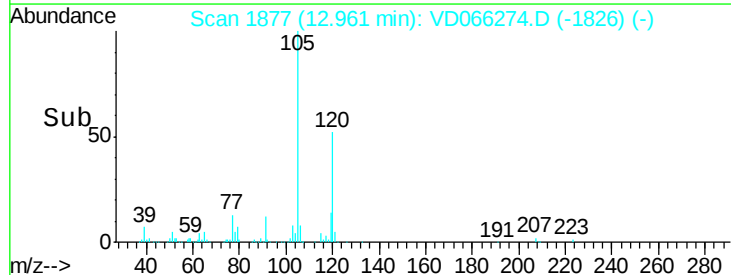
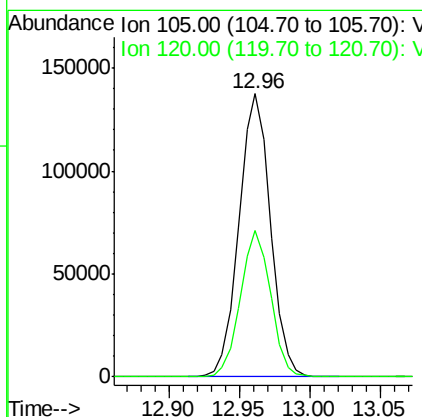
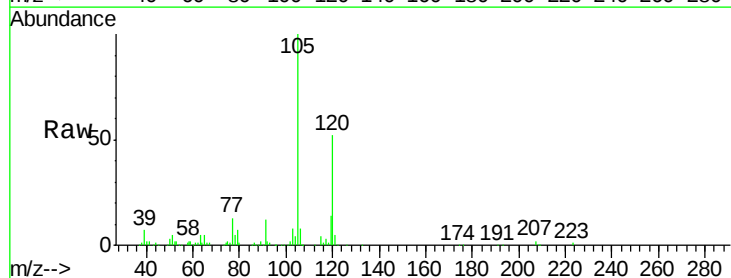
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

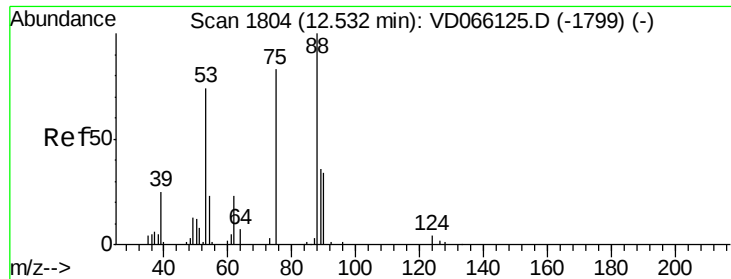
Tgt Ion: 91 Resp: 168321
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.5 52.6



#80
 1,3,5-Trimethylbenzene
 Concen: 21.575 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion: 105 Resp: 214026
 Ion Ratio Lower Upper
 105 100
 120 50.0 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.711 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

VD0818SBSD01

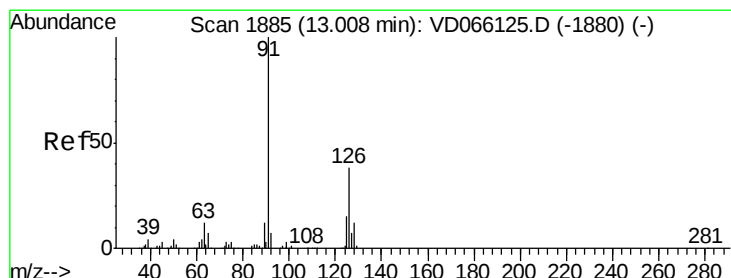
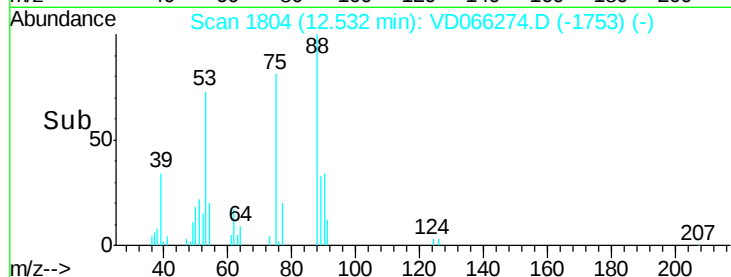
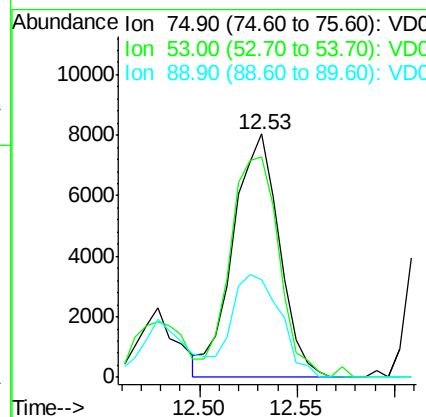
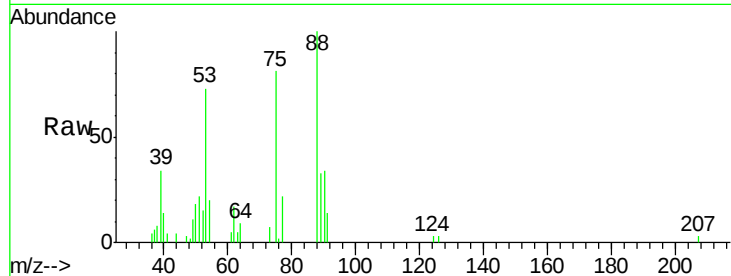
Tgt Ion: 75 Resp: 13213

Ion Ratio Lower Upper

75 100

53 96.6 73.4 110.2

89 43.7 36.6 55.0



#82

4-Chlorotoluene

Concen: 20.755 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066274.D

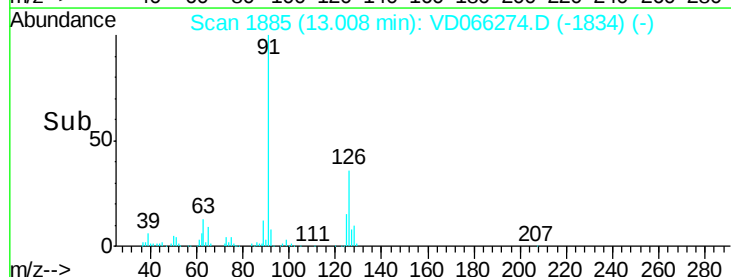
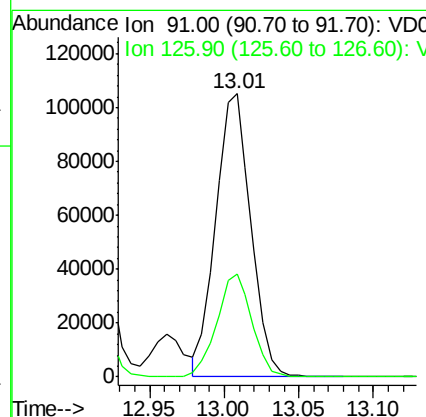
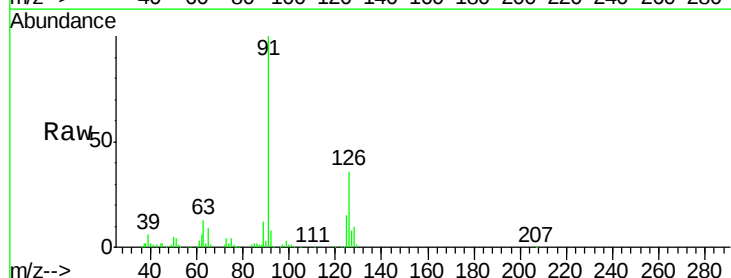
Acq: 18 Aug 2020 13:32

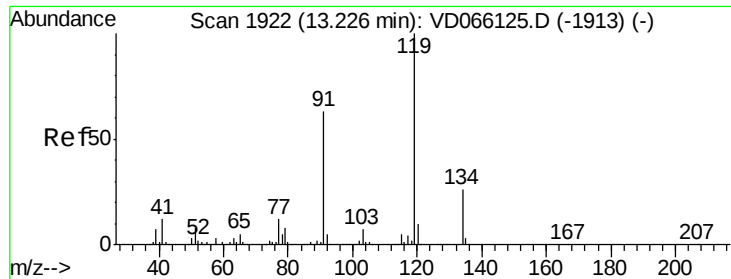
Tgt Ion: 91 Resp: 172779

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.3

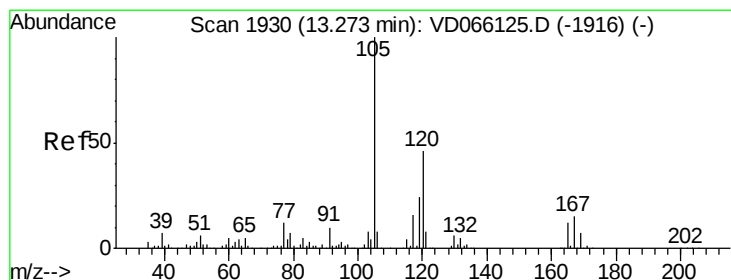
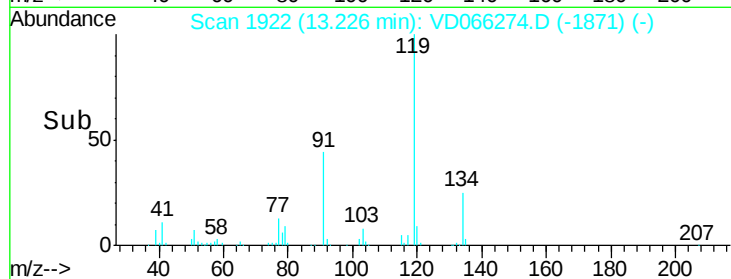
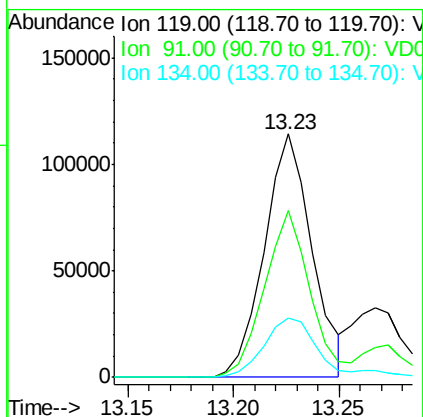
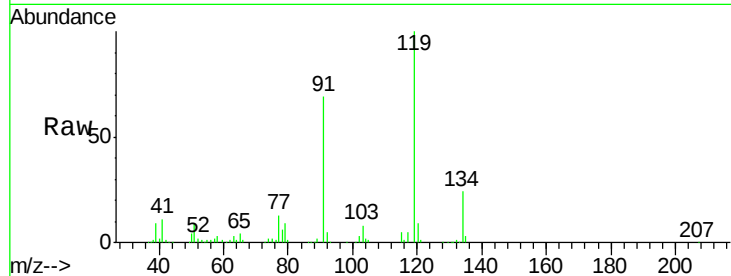




#83
 tert-Butylbenzene
 Concen: 20.540 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

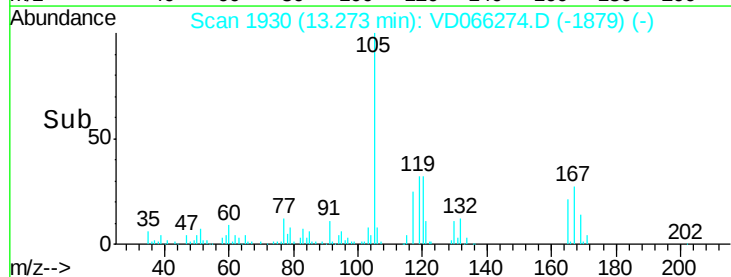
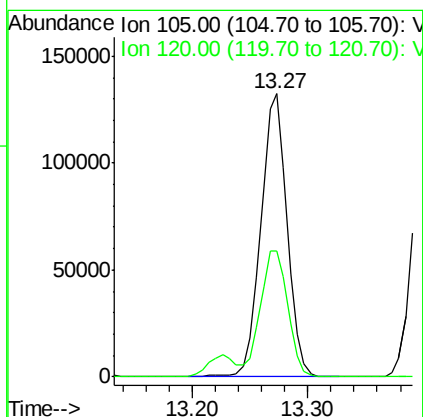
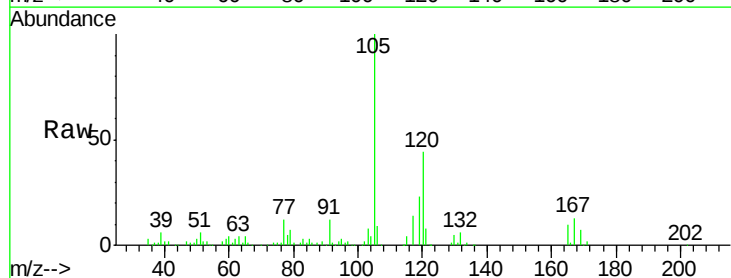
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

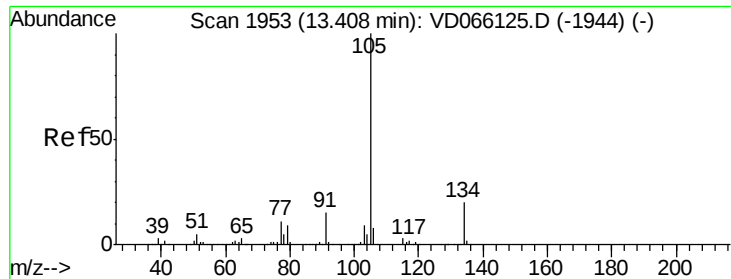
Tgt Ion:119 Resp: 179193
 Ion Ratio Lower Upper
 119 100
 91 65.9 30.8 92.4
 134 28.5 13.6 40.8



#84
 1,2,4-Trimethylbenzene
 Concen: 21.217 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion:105 Resp: 210631
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#85

sec-Butylbenzene

Concen: 21.459 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.01 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

Instrument :

MSVOA_D

ClientSampleId :

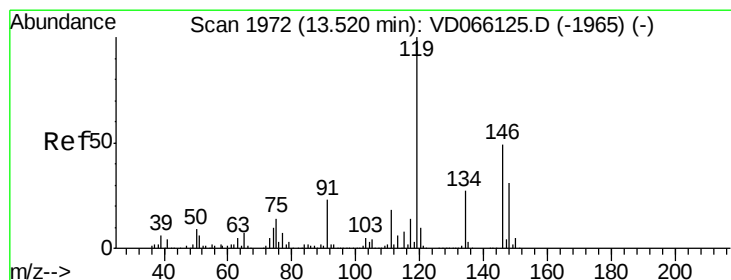
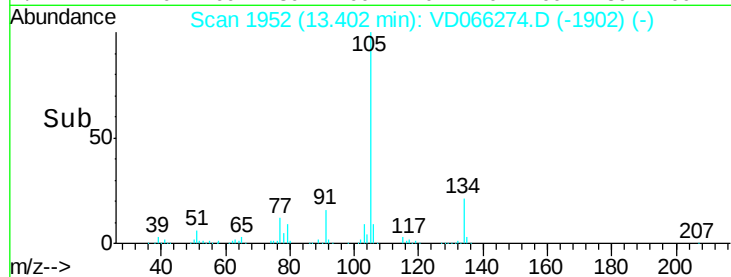
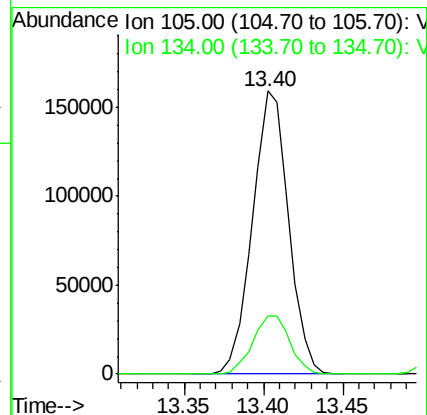
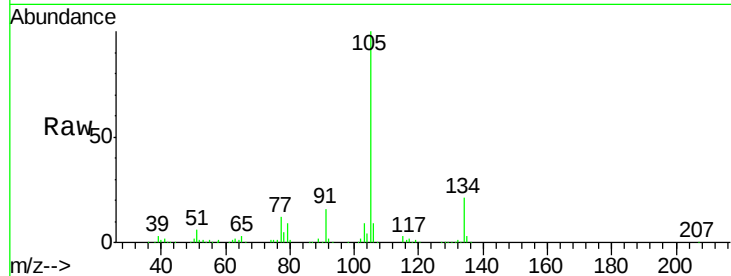
VD0818SBS01

Tgt Ion:105 Resp: 252750

Ion Ratio Lower Upper

105 100

134 21.2 10.4 31.4



#86

p-Isopropyltoluene

Concen: 21.816 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066274.D

Acq: 18 Aug 2020 13:32

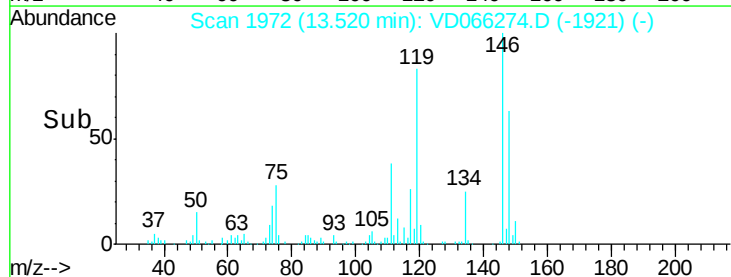
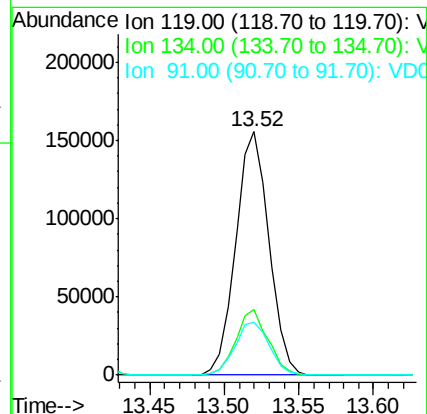
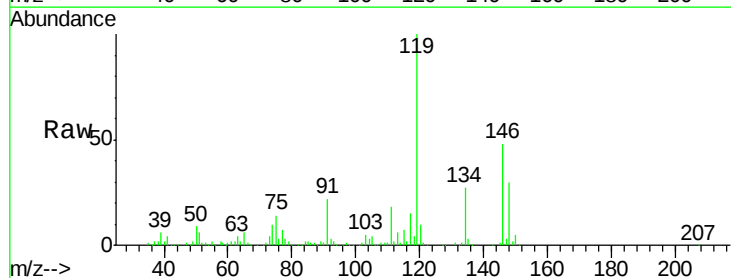
Tgt Ion:119 Resp: 241001

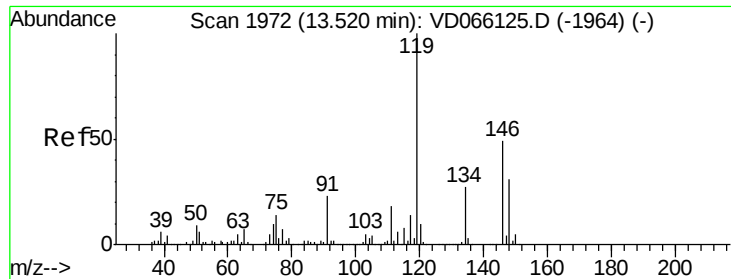
Ion Ratio Lower Upper

119 100

134 26.0 13.5 40.4

91 22.8 11.2 33.5

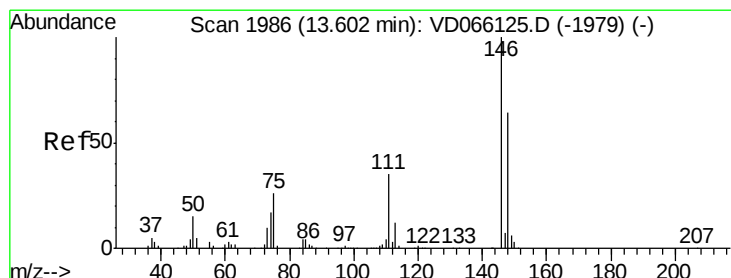
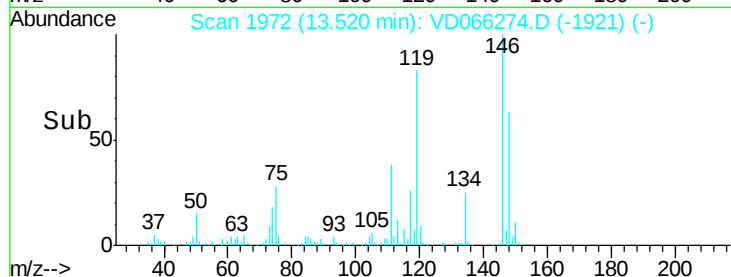
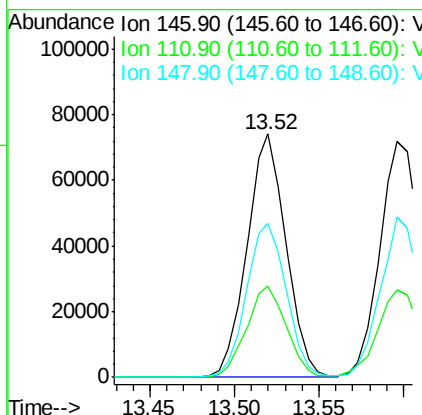
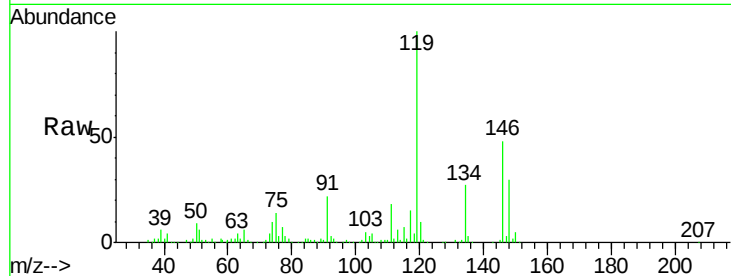




#87
 1,3-Dichlorobenzene
 Concen: 20.674 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

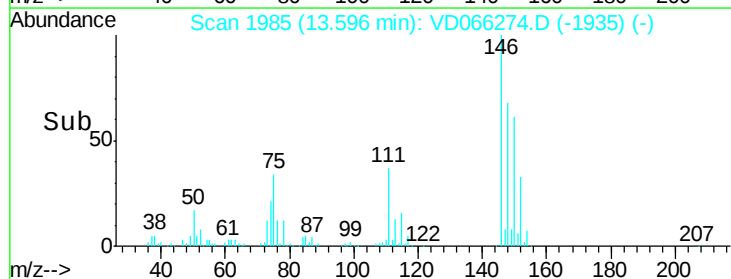
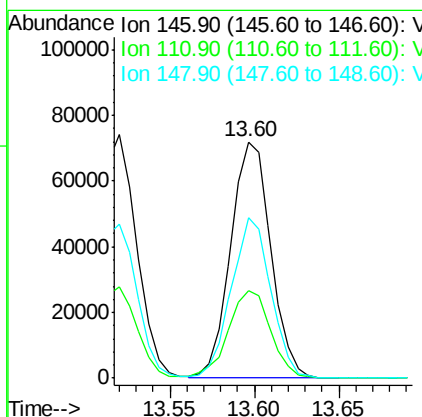
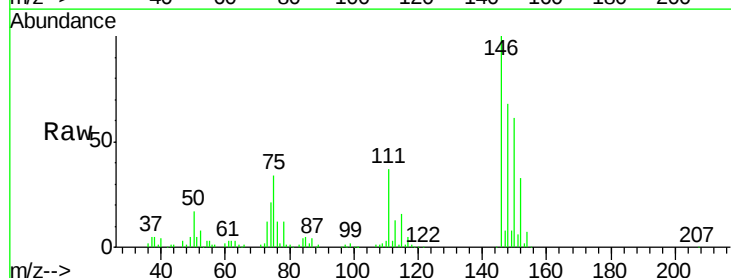
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBSD01

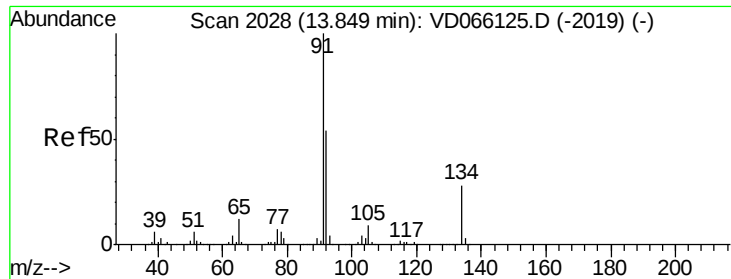
Tgt Ion:146 Resp: 118645
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.9 56.9
 148 64.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.850 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion:146 Resp: 119329
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.6 55.8
 148 66.8 32.4 97.0

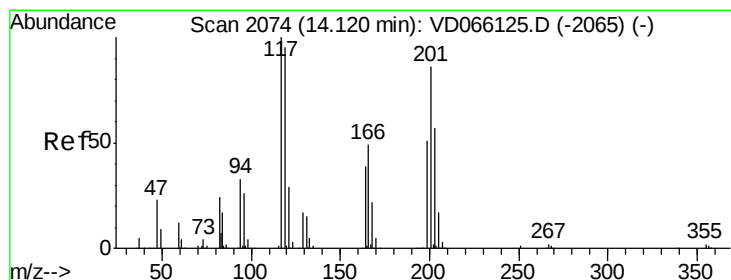
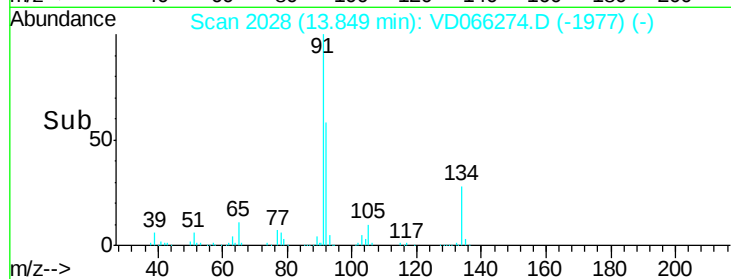
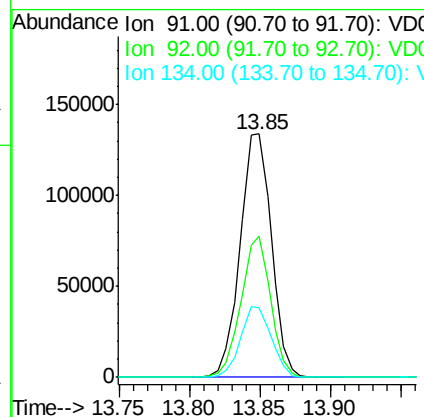
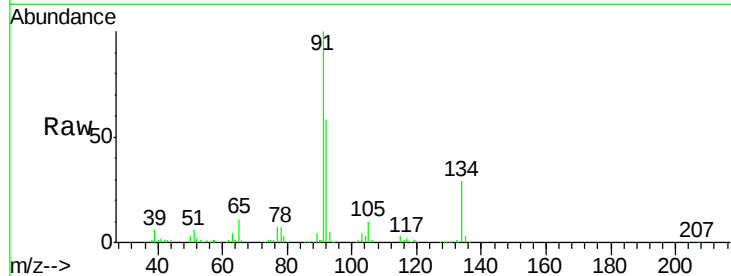




#89
n-Butylbenzene
Concen: 21.069 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

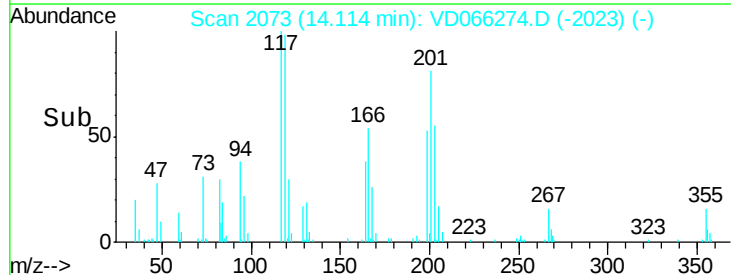
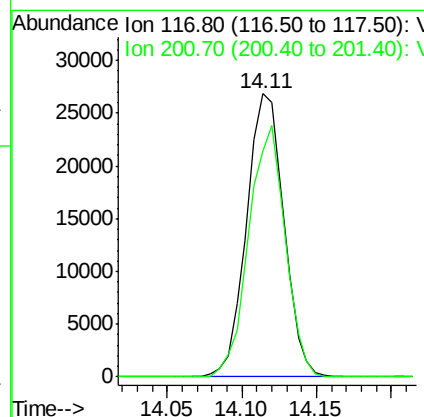
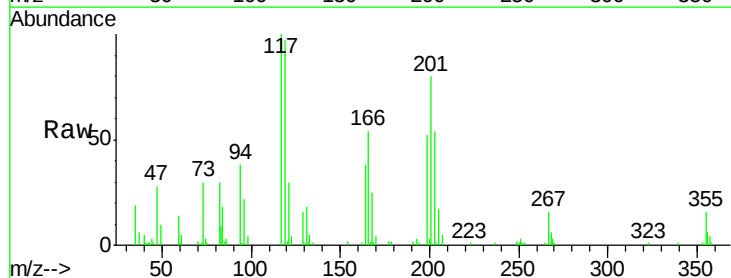
Instrument :
MSVOA_D
ClientSampleId :
VD0818SBSD01

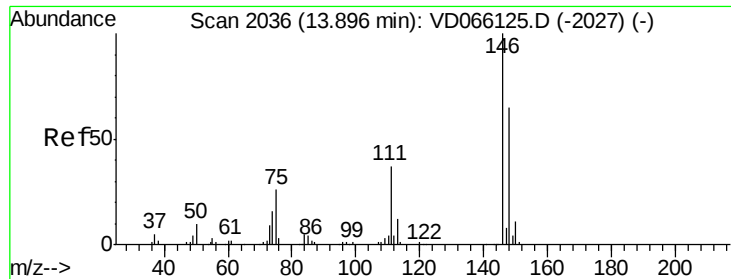
Tgt Ion: 91 Resp: 208534
Ion Ratio Lower Upper
91 100
92 54.8 26.8 80.3
134 28.5 14.0 41.9



#90
Hexachloroethane
Concen: 21.058 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.01 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion: 117 Resp: 46395
Ion Ratio Lower Upper
117 100
201 86.5 42.7 128.1

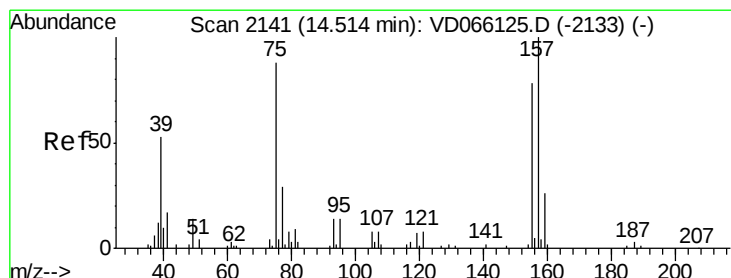
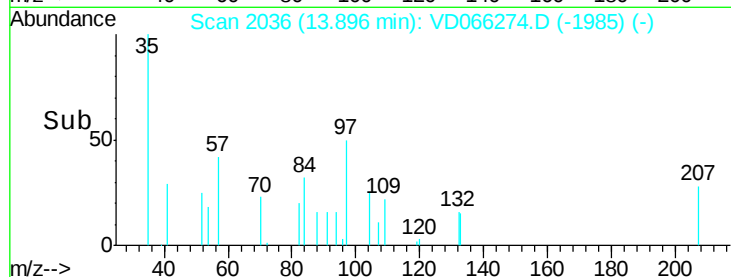
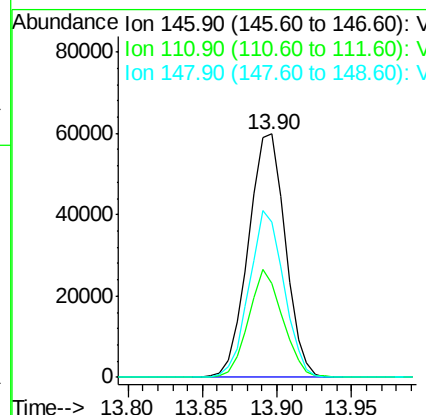
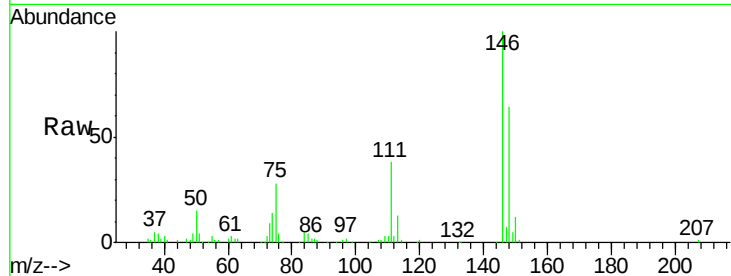




#91
 1,2-Dichlorobenzene
 Concen: 20.226 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

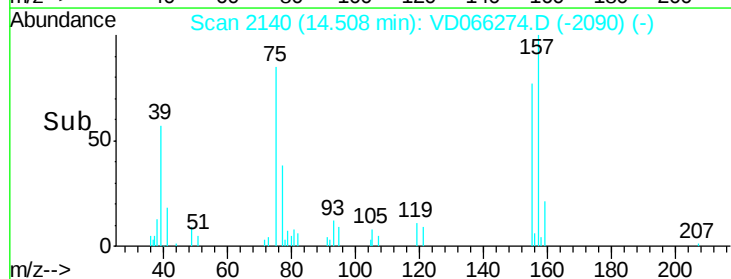
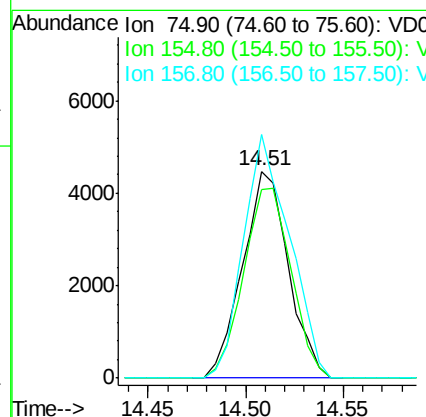
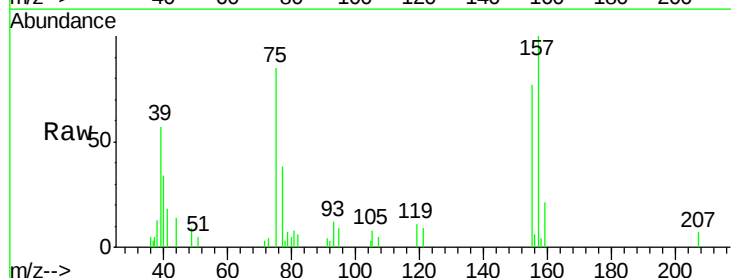
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBS01

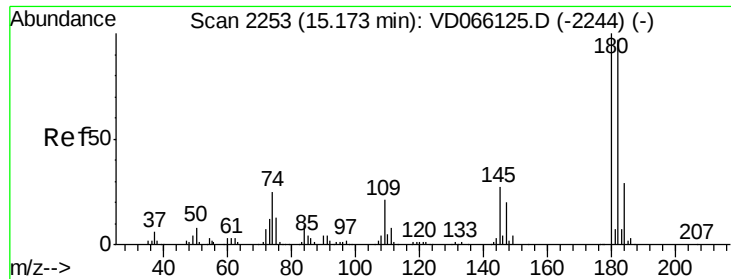
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	18.8	56.3
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.908 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.3	47.7	143.1
157	118.4	62.1	186.2

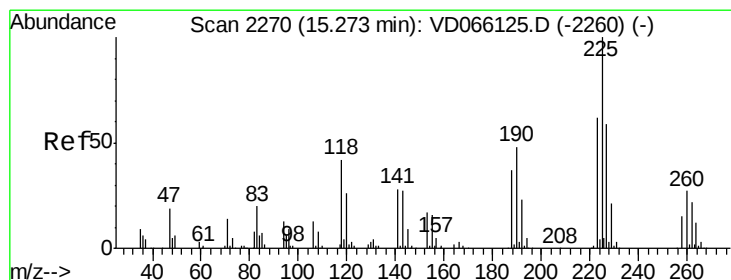
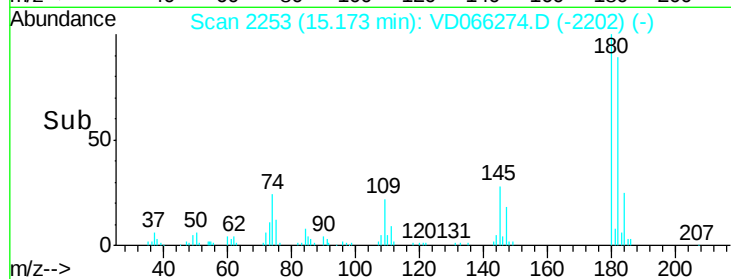
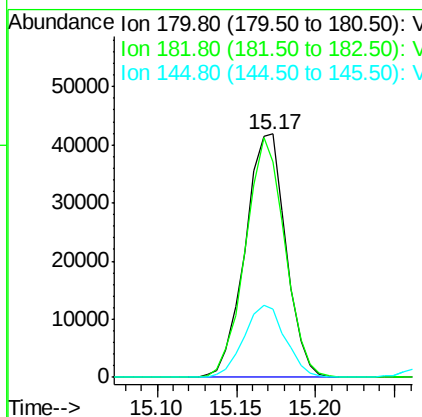
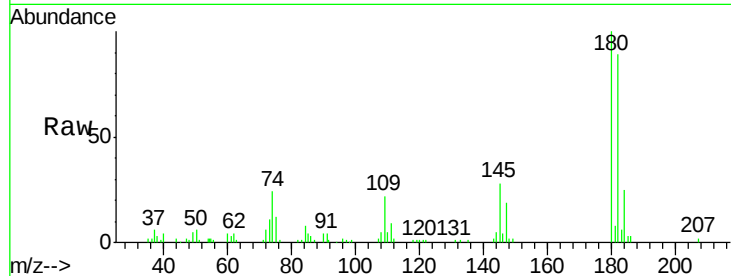




#93
 1,2,4-Trichlorobenzene
 Concen: 20.026 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

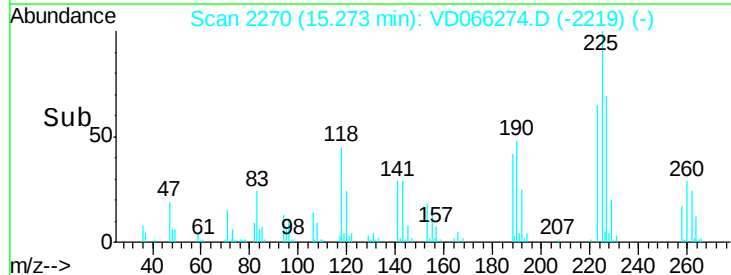
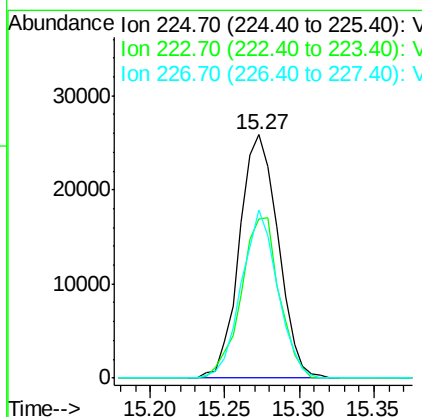
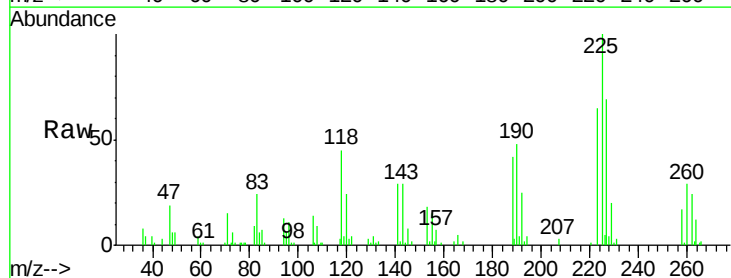
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0818SBSD01

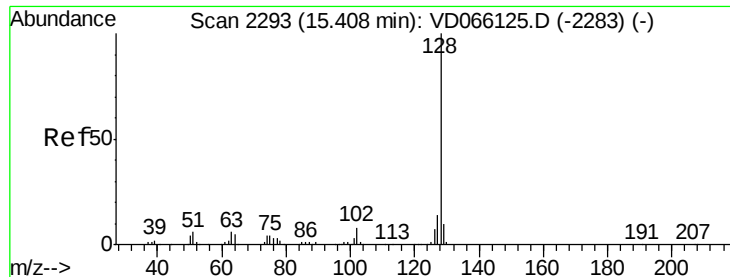
Tgt Ion:180 Resp: 74901
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.4 142.2
 145 30.0 14.5 43.6



#94
 Hexachlorobutadiene
 Concen: 21.072 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066274.D
 Acq: 18 Aug 2020 13:32

Tgt Ion:225 Resp: 46409
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.3 96.9
 227 64.8 32.1 96.5

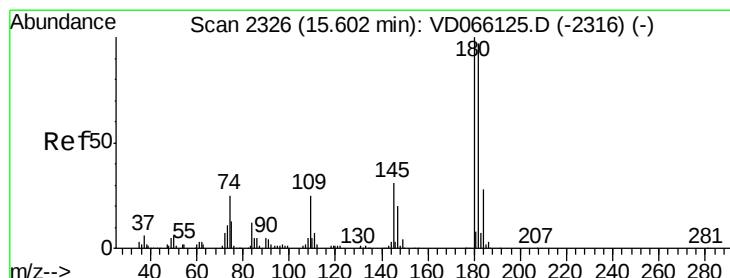
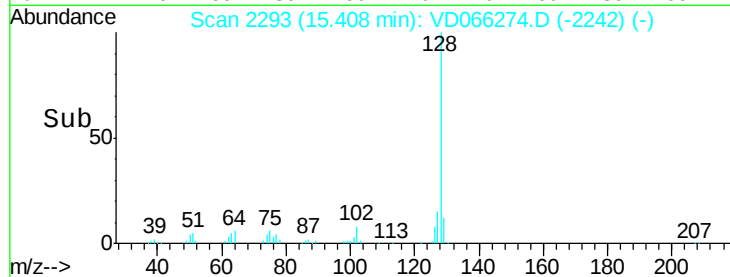
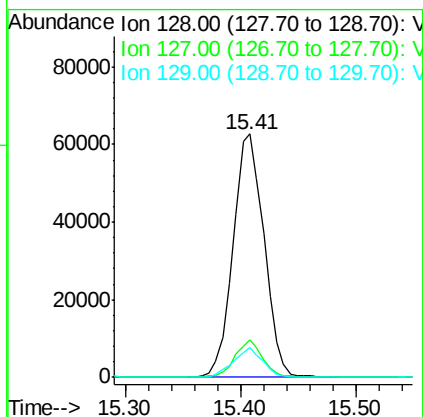
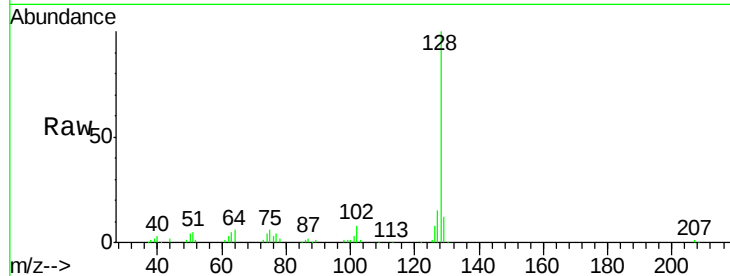




#95
Naphthalene
Concen: 19.097 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Instrument :
MSVOA_D
ClientSampleId :
VD0818SBS01

Tgt Ion:128 Resp: 116379
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.793 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066274.D
Acq: 18 Aug 2020 13:32

Tgt Ion:180 Resp: 65349
Ion Ratio Lower Upper
180 100
182 96.3 47.1 141.4
145 31.6 14.9 44.9

