

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066150.D
 Acq On : 07 Aug 2020 11:45
 Operator : VA/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Quant Time: Aug 08 00:38:16 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	311301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	455115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	426131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220002	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	150245	54.10	ug/l	0.00
Spiked Amount			Recovery	=	108.20%	
35) Dibromofluoromethane	7.91	113	155798	54.04	ug/l	0.00
Spiked Amount			Recovery	=	108.08%	
50) Toluene-d8	10.34	98	590654	55.52	ug/l	0.00
Spiked Amount			Recovery	=	111.04%	
62) 4-Bromofluorobenzene	12.64	95	203651	53.10	ug/l	0.00
Spiked Amount			Recovery	=	106.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	57991	21.144	ug/l	100
3) Chloromethane	2.20	50	43119	20.210	ug/l	96
4) Vinyl Chloride	2.35	62	40300	21.336	ug/l	93
5) Bromomethane	2.76	94	28580	22.806	ug/l	94
6) Chloroethane	2.92	64	24478	21.112	ug/l #	88
7) Trichlorofluoromethane	3.27	101	94331	19.156	ug/l	99
8) Diethyl Ether	3.70	74	25321	18.223	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	55986	19.157	ug/l	100
10) Methyl Iodide	4.30	142	53687	24.181	ug/l	98
11) Tert butyl alcohol	5.20	59	12407	25.752	ug/l #	76
12) 1,1-Dichloroethene	4.06	96	51154	18.555	ug/l	98
13) Acrolein	3.91	56	19925	90.132	ug/l	97
14) Allyl chloride	4.70	41	77567	18.572	ug/l	98
15) Acrylonitrile	5.41	53	54628	93.299	ug/l	98
16) Acetone	4.16	43	47238	89.641	ug/l	100
17) Carbon Disulfide	4.41	76	163426	18.644	ug/l	97
18) Methyl Acetate	4.71	43	23173	17.312	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	111591	17.660	ug/l	100
20) Methylene Chloride	4.96	84	74526	22.015	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	59876	18.906	ug/l	98
22) Diisopropyl ether	6.36	45	158530	19.194	ug/l	92
23) Vinyl Acetate	6.30	43	449875	92.974	ug/l	96
24) 1,1-Dichloroethane	6.26	63	99085	19.385	ug/l	98
25) 2-Butanone	7.20	43	69417	89.562	ug/l	99
26) 2,2-Dichloropropane	7.21	77	90793	19.818	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	63368	19.076	ug/l	97
28) Bromochloromethane	7.55	49	39938	22.246	ug/l	99
29) Tetrahydrofuran	7.56	42	43306	90.182	ug/l	99
30) Chloroform	7.71	83	102978	19.187	ug/l	98
31) Cyclohexane	7.98	56	91053	18.714	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	96271	19.130	ug/l	99
36) 1,1-Dichloropropene	8.11	75	80466	18.815	ug/l	99
37) Ethyl Acetate	7.29	43	31081	18.342	ug/l	97
38) Carbon Tetrachloride	8.09	117	88752	18.609	ug/l	92

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	95698	18.511	ug/l	92
40) Benzene	8.34	78	227168	19.148	ug/l	100
41) Methacrylonitrile	7.53	41	17425	17.490	ug/l	96
42) 1,2-Dichloroethane	8.42	62	67326	19.317	ug/l	98
43) Isopropyl Acetate	8.45	43	58663	17.571	ug/l	98
44) Trichloroethene	9.11	130	67246	18.810	ug/l	99
45) 1,2-Dichloropropane	9.38	63	56495	19.470	ug/l	97
46) Dibromomethane	9.47	93	29036	18.167	ug/l	95
47) Bromodichloromethane	9.66	83	79185	18.746	ug/l	99
48) Methyl methacrylate	9.45	41	27621	16.202	ug/l	92
49) 1,4-Dioxane	9.46	88	6579	320.398	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	149395	87.115	ug/l	100
52) Toluene	10.40	92	153985	19.725	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	76950	19.195	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	90284	19.222	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	42190	18.332	ug/l	94
56) Ethyl methacrylate	10.66	69	48832	17.663	ug/l	99
57) 1,3-Dichloropropane	10.94	76	71056	18.598	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	123674	99.449	ug/l	99
59) 2-Hexanone	10.98	43	102646	85.285	ug/l	99
60) Dibromochloromethane	11.14	129	58123	18.293	ug/l	99
61) 1,2-Dibromoethane	11.25	107	40988	18.519	ug/l	98
64) Tetrachloroethene	10.87	164	58737	17.950	ug/l	98
65) Chlorobenzene	11.67	112	164715	19.041	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	61571	18.191	ug/l	98
67) Ethyl Benzene	11.74	91	282313	18.833	ug/l	96
68) m/p-Xylenes	11.86	106	222325	38.279	ug/l	100
69) o-Xylene	12.18	106	100110	18.948	ug/l	97
70) Styrene	12.20	104	177499	19.170	ug/l	99
71) Bromoform	12.36	173	35582	17.743	ug/l #	98
73) Isopropylbenzene	12.48	105	275215	18.740	ug/l	100
74) N-amyl acetate	12.29	43	56625	17.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	44519	17.778	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	58333	31.795	ug/l #	100
77) Bromobenzene	12.77	156	70248	18.582	ug/l	99
78) n-propylbenzene	12.83	91	323596	18.956	ug/l	99
79) 2-Chlorotoluene	12.91	91	184409	18.888	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	233891	19.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14307	17.238	ug/l	95
82) 4-Chlorotoluene	13.01	91	196747	19.089	ug/l	99
83) tert-Butylbenzene	13.23	119	200152	18.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	230427	18.747	ug/l	98
85) sec-Butylbenzene	13.41	105	272166	18.664	ug/l	98
86) p-Isopropyltoluene	13.52	119	256790	18.775	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	133717	18.820	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	131807	18.602	ug/l	99
89) n-Butylbenzene	13.85	91	229198	18.703	ug/l	99
90) Hexachloroethane	14.12	117	49862	18.279	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	113341	18.038	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7471	17.359	ug/l	92

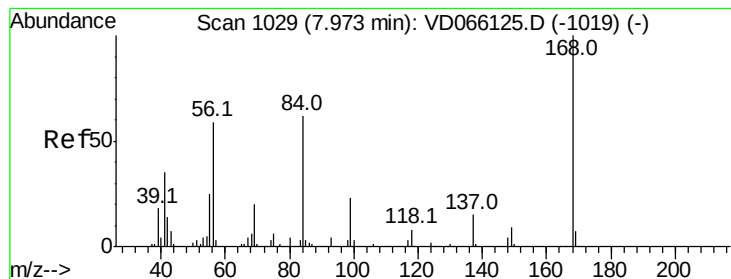
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	82228	17.758	ug/l	98
94) Hexachlorobutadiene	15.28	225	51220	18.784	ug/l	96
95) Naphthalene	15.41	128	126793	16.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	72499	17.736	ug/l	97

(#) = 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: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

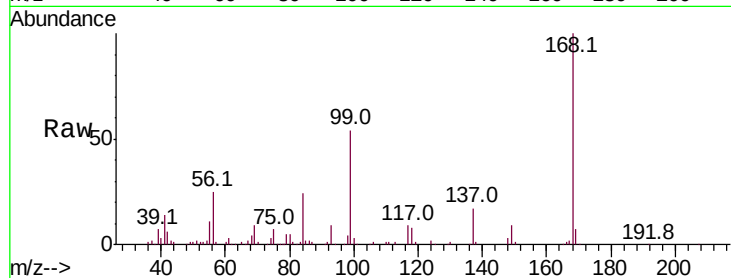
VD0807SBS01

Tot Ion:168 Resp: 311301

Ion Ratio Lower Upper

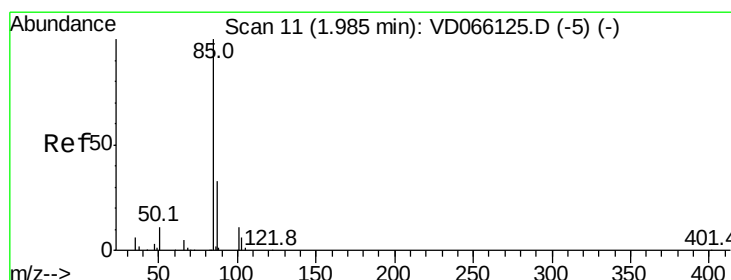
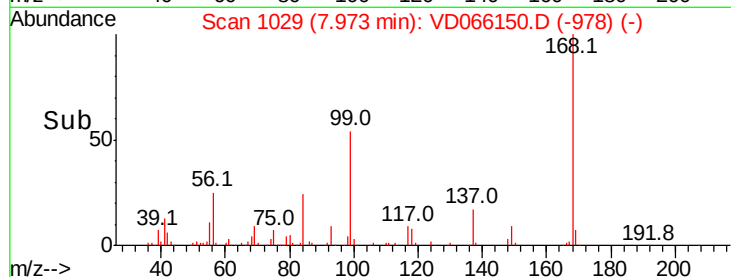
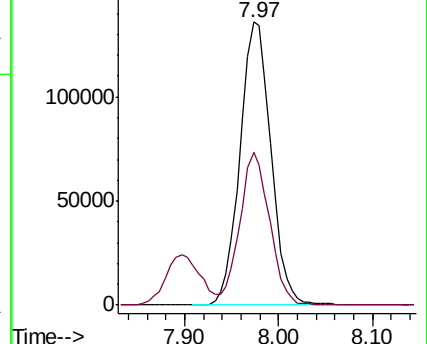
168 100

99 53.7 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: 21.144 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066150.D

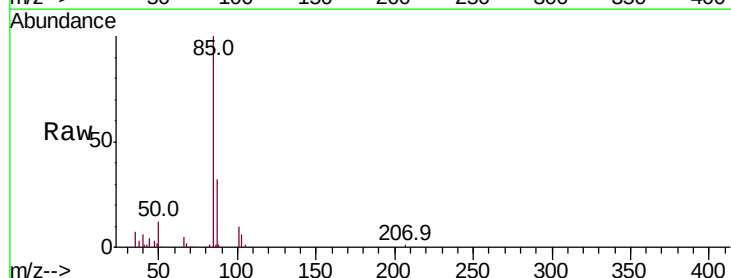
Acq: 07 Aug 2020 11:45

Tgt Ion: 85 Resp: 57991

Ion Ratio Lower Upper

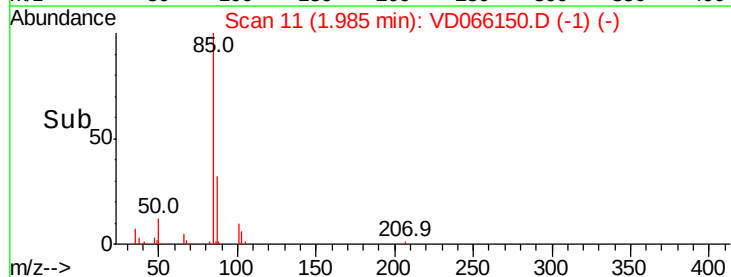
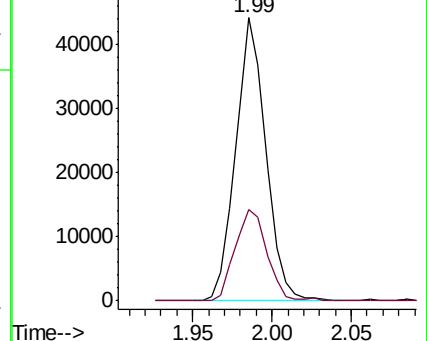
85 100

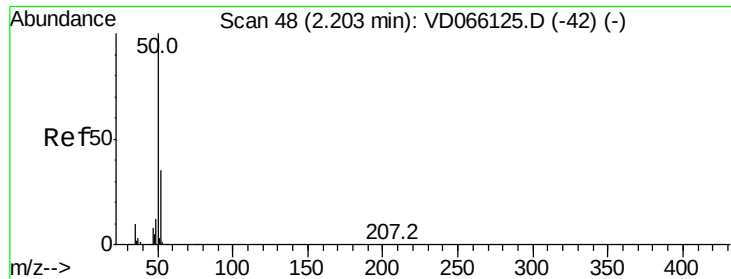
87 32.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.210 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

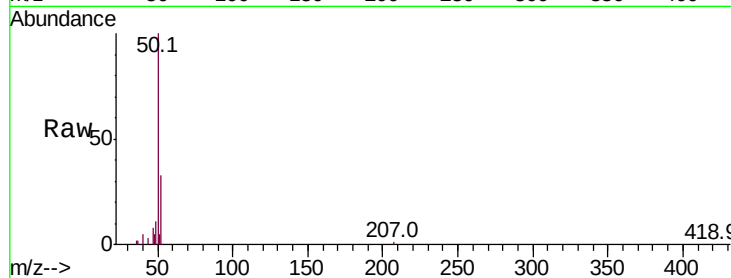
VD0807SBS01

Tot Ion: 50 Resp: 43119

Ion Ratio Lower Upper

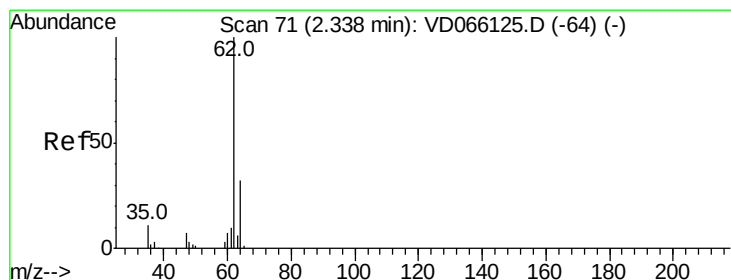
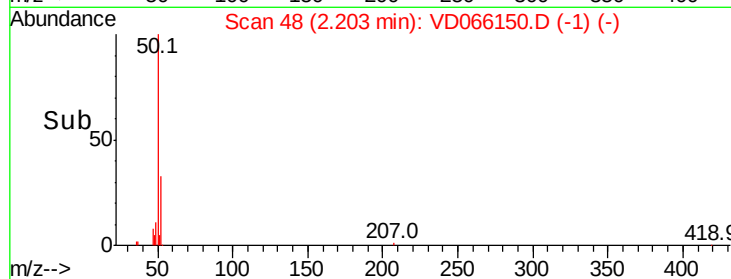
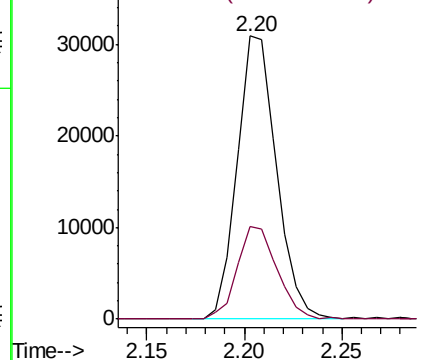
50 100

52 32.8 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: 21.336 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD066150.D

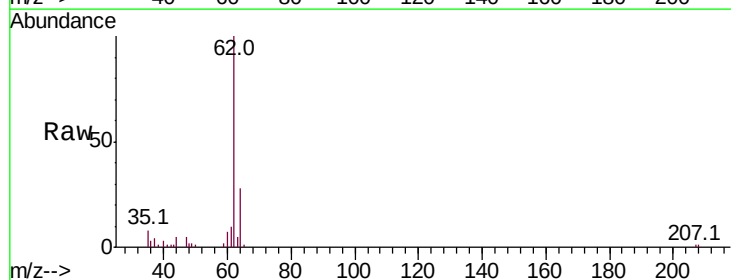
Acq: 07 Aug 2020 11:45

Tgt Ion: 62 Resp: 40300

Ion Ratio Lower Upper

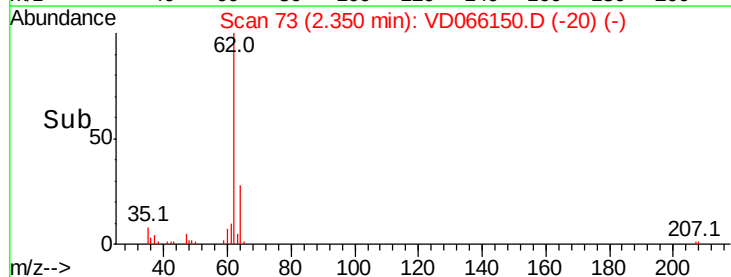
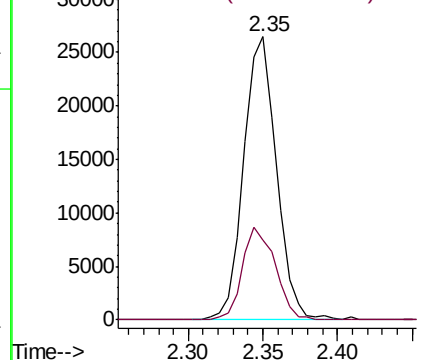
62 100

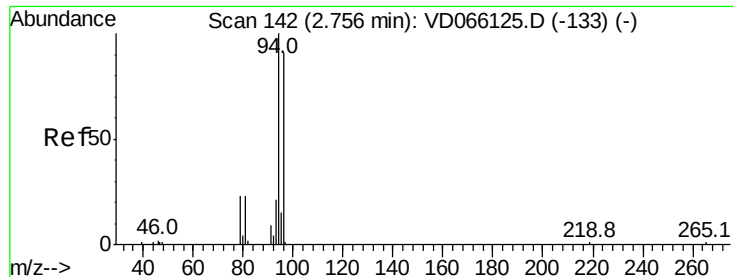
64 28.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 22.806 ug/l

RT: 2.76 min Scan# 142

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

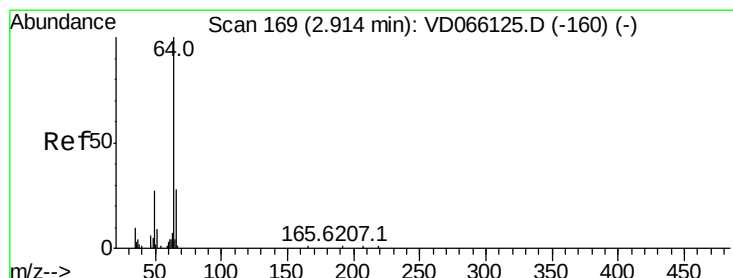
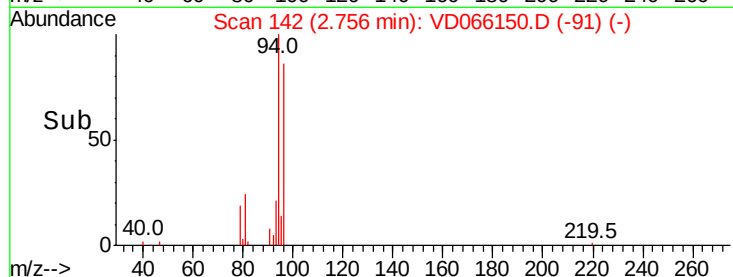
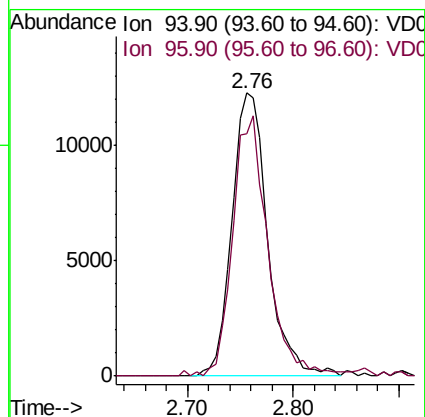
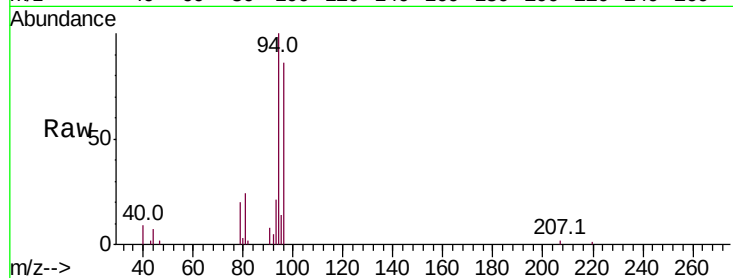
VD0807SBS01

Tot Ion: 94 Resp: 28580

Ion Ratio Lower Upper

94 100

96 85.5 72.6 109.0



#6

Chloroethane

Concen: 21.112 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VD066150.D

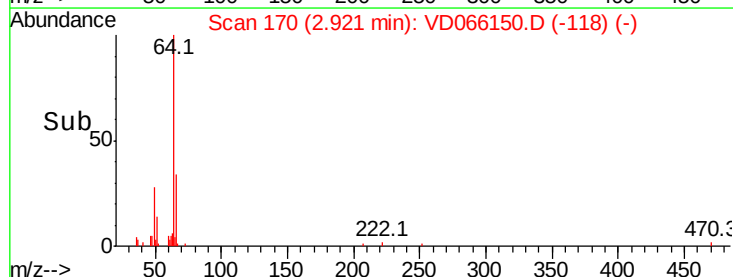
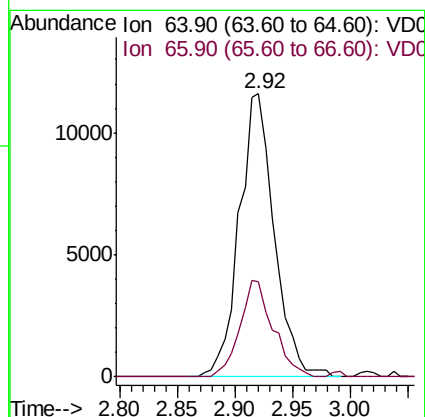
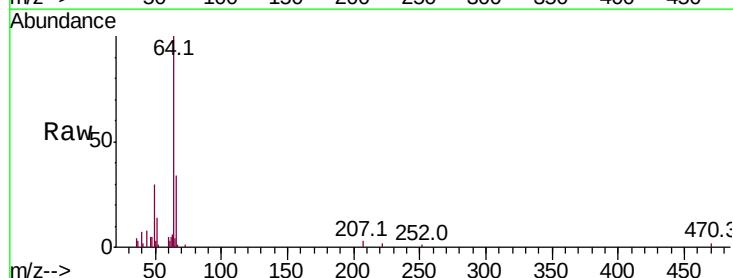
Acq: 07 Aug 2020 11:45

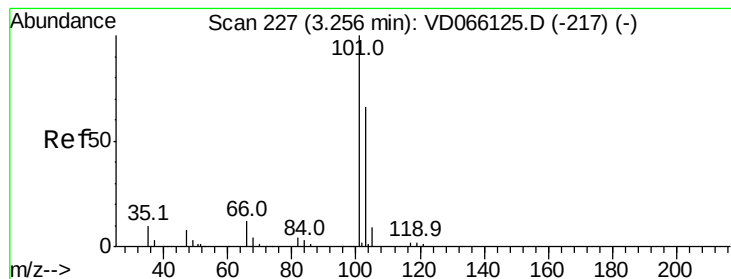
Tgt Ion: 64 Resp: 24478

Ion Ratio Lower Upper

64 100

66 33.8 22.0 33.0#



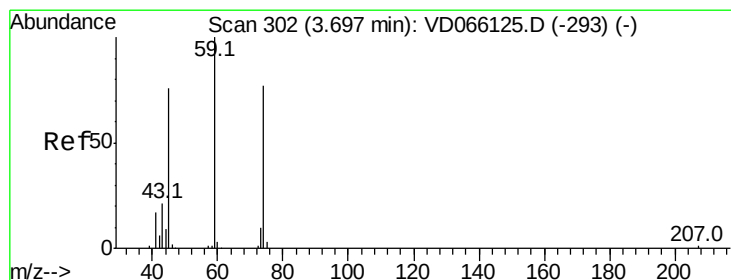
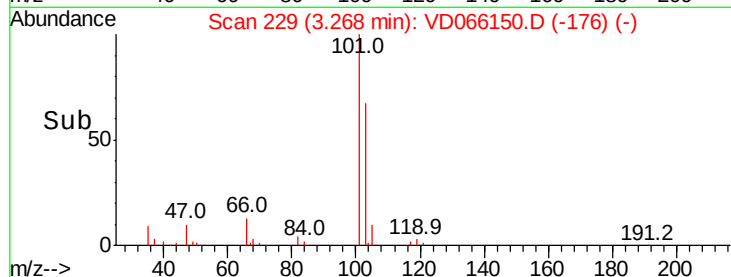
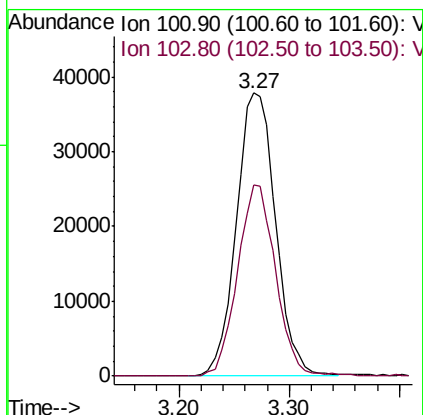
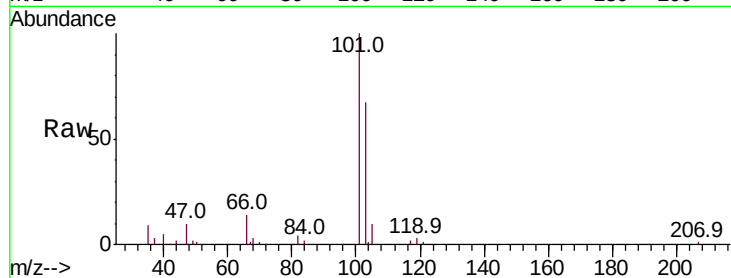


#7

Trichlorofluoromethane
 Concen: 19.156 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

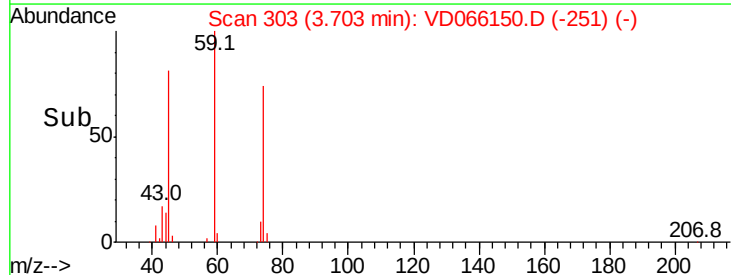
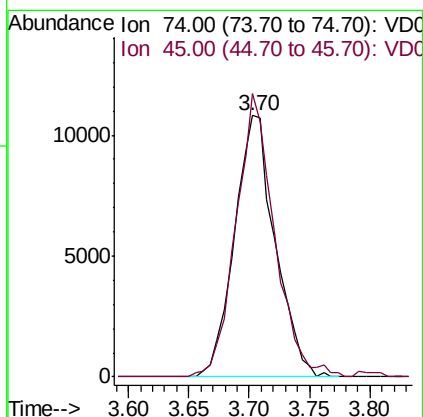
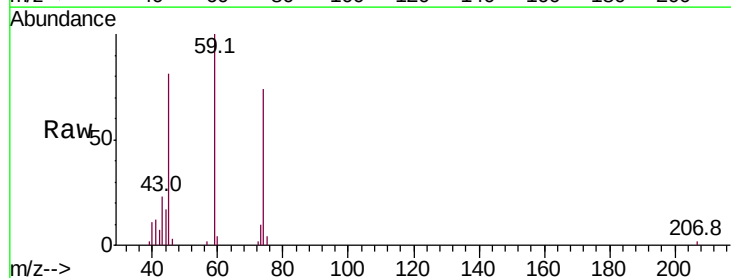
Tot Ion:101 Resp: 94331
 Ion Ratio Lower Upper
 101 100
 103 67.4 53.0 79.6

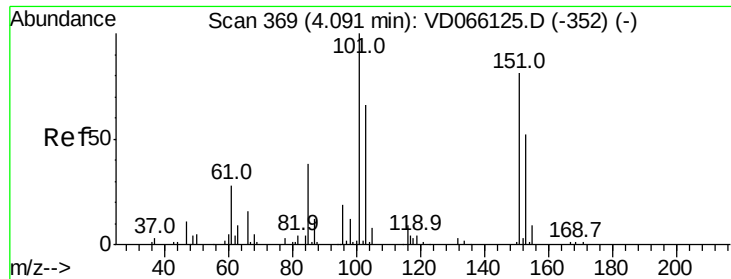


#8

Diethyl Ether
 Concen: 18.223 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion: 74 Resp: 25321
 Ion Ratio Lower Upper
 74 100
 45 103.2 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.157 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

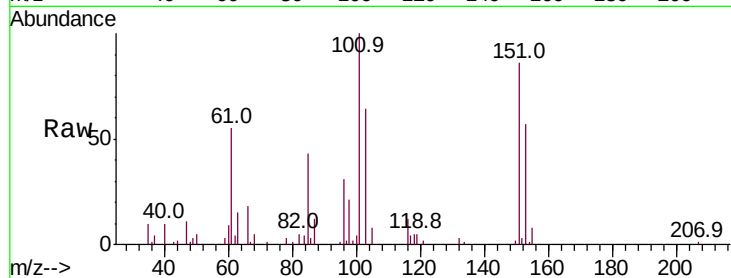
Tot Ion:101 Resp: 55986

Ion Ratio Lower Upper

101 100

85 41.7 33.5 50.3

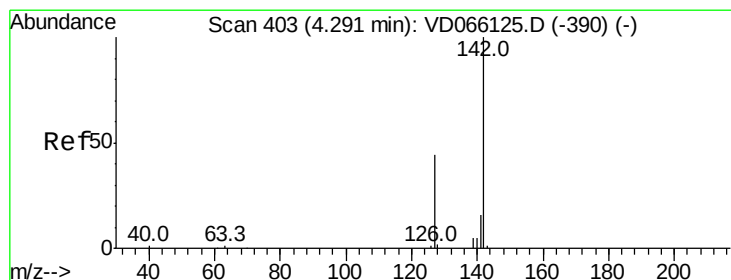
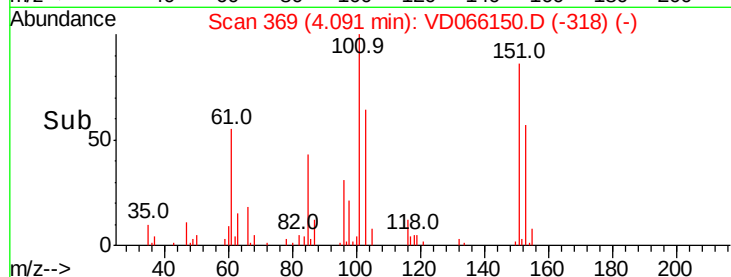
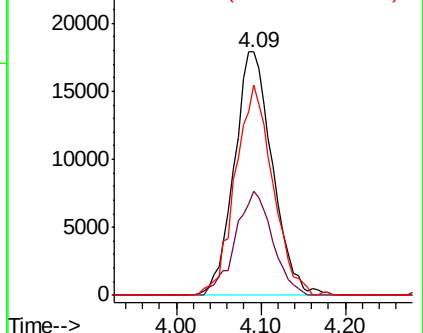
151 84.5 67.8 101.8



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: 24.181 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

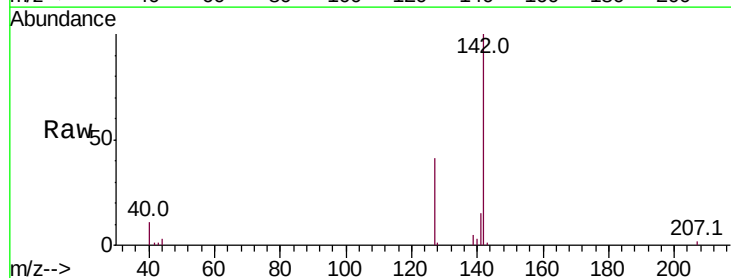
Tgt Ion:142 Resp: 53687

Ion Ratio Lower Upper

142 100

127 44.2 36.2 54.4

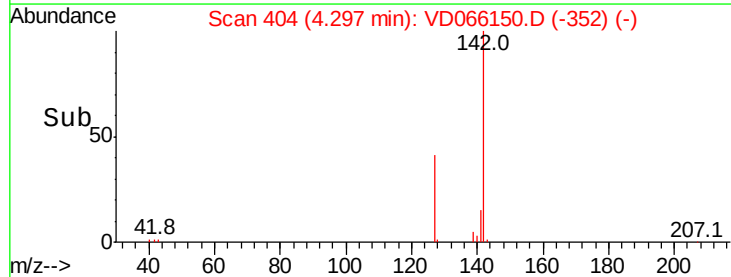
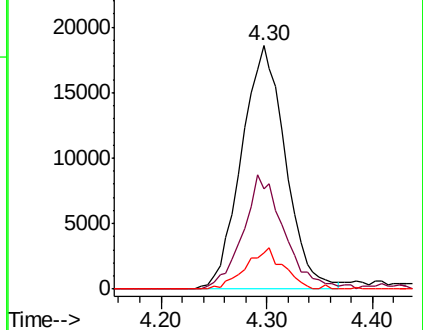
141 14.5 12.6 18.8

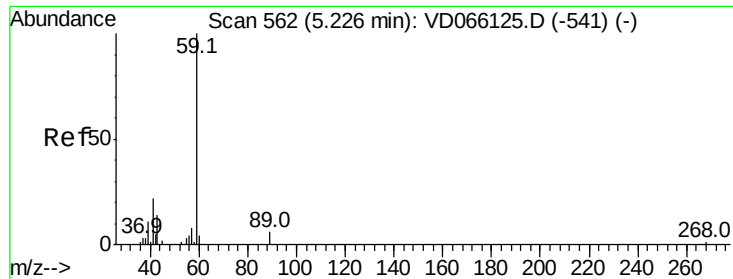


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



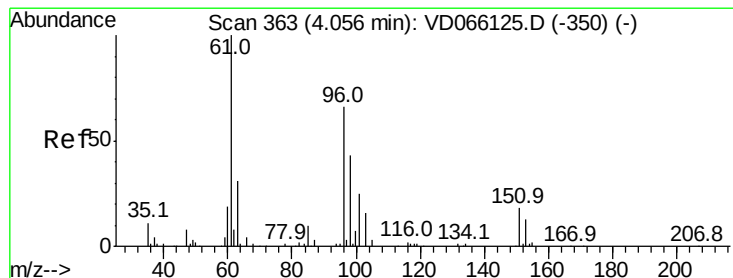
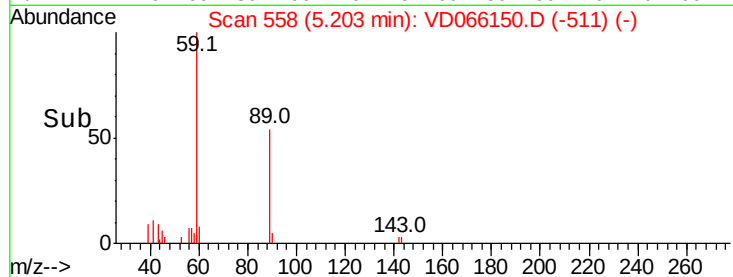
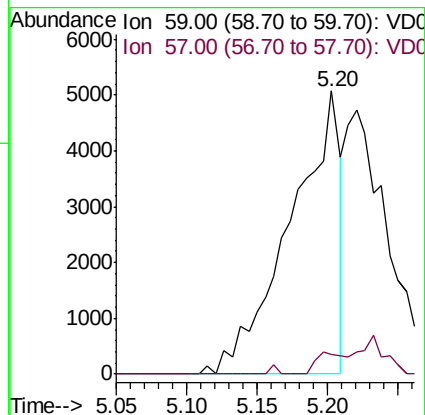
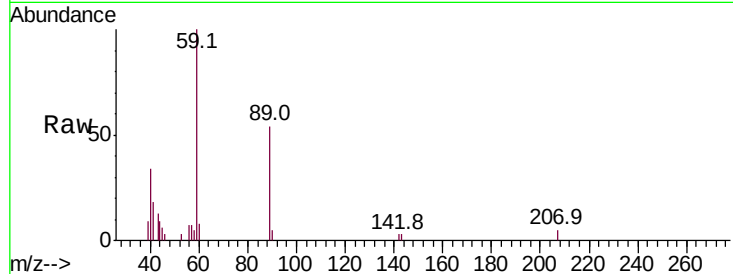


#11

Tert butyl alcohol
Concen: 25.752 ug/l
RT: 5.20 min Scan# 558
Delta R.T. -0.02 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

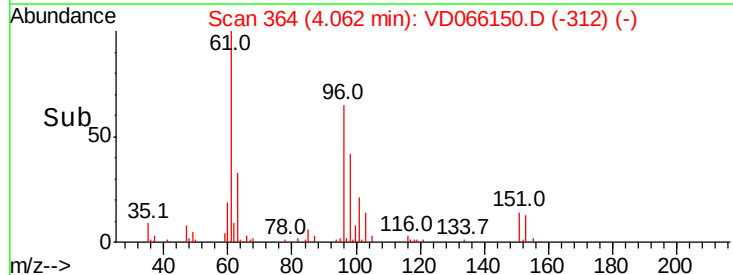
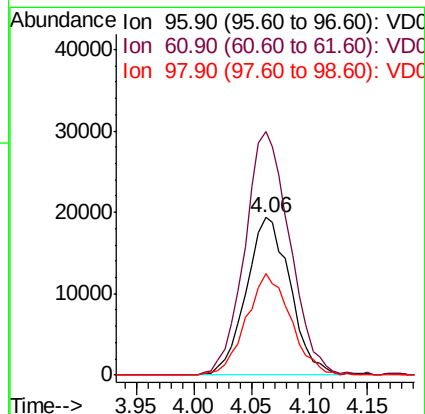
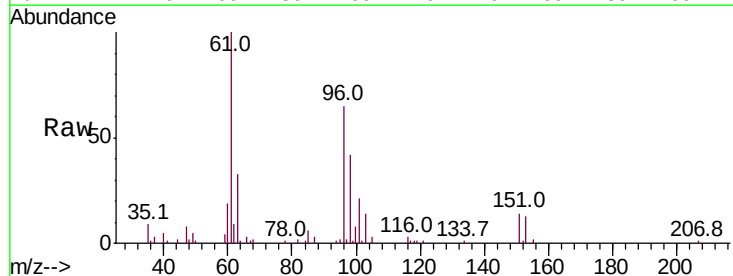
Tot Ion: 59 Resp: 12407
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#

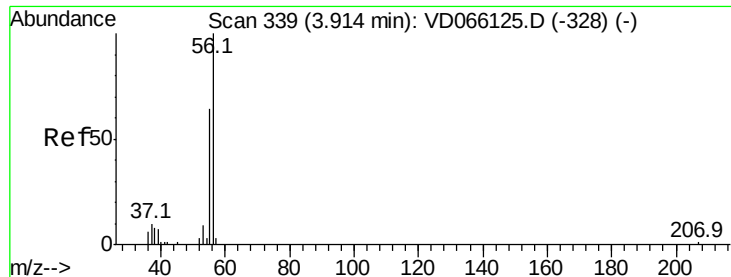


#12

1,1-Dichloroethene
Concen: 18.555 ug/l
RT: 4.06 min Scan# 364
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 96 Resp: 51154
Ion Ratio Lower Upper
96 100
61 154.8 121.6 182.4
98 64.7 52.0 78.0





#13

Acrolein

Concen: 90.132 ug/l

RT: 3.91 min Scan# 339

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

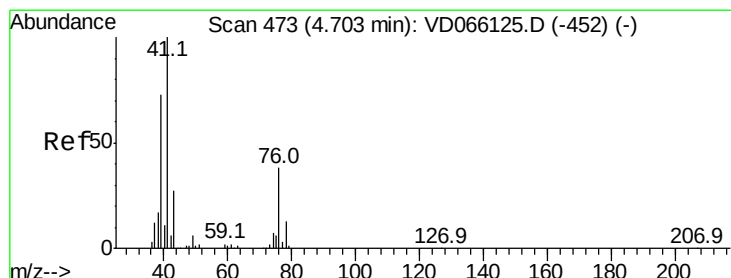
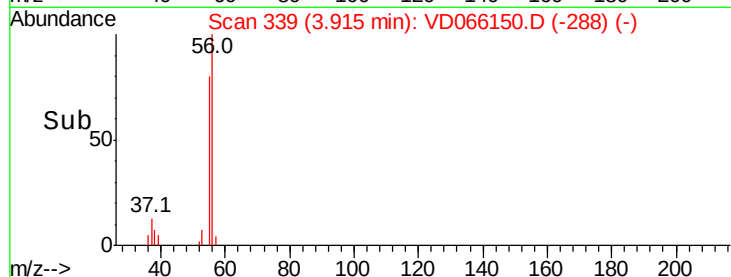
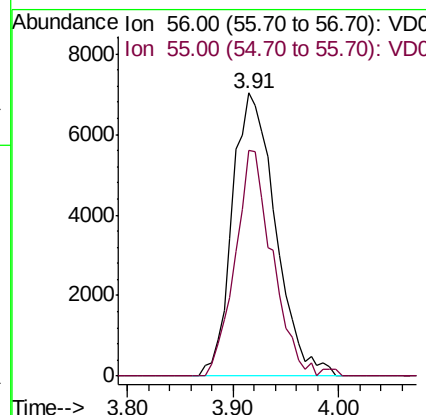
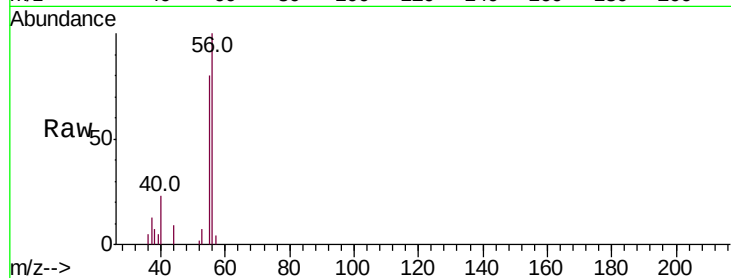
VD0807SBS01

Tot Ion: 56 Resp: 19925

Ion Ratio Lower Upper

56 100

55 68.6 56.7 85.1



#14

Allyl chloride

Concen: 18.572 ug/l

RT: 4.70 min Scan# 473

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

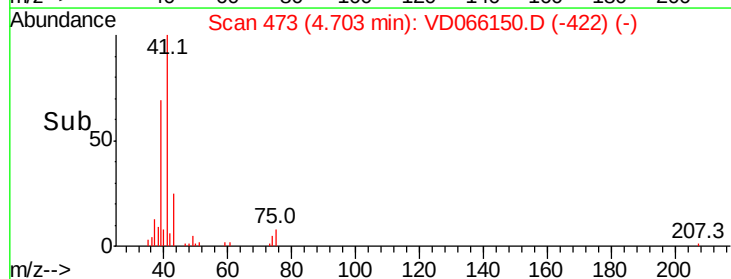
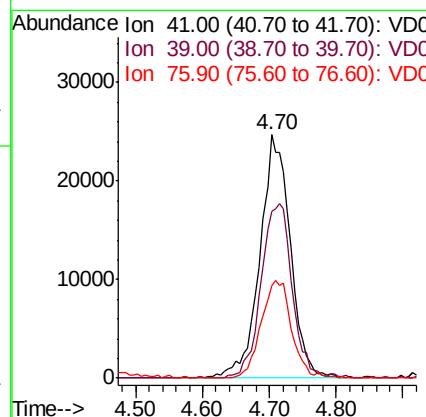
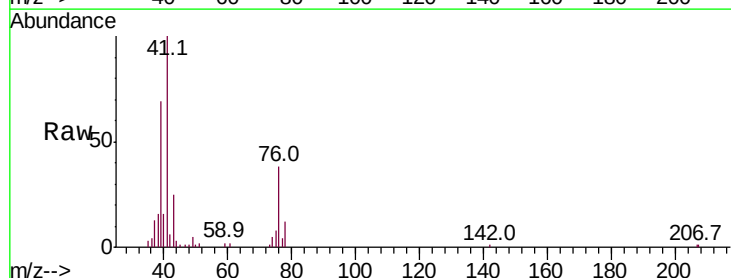
Tgt Ion: 41 Resp: 77567

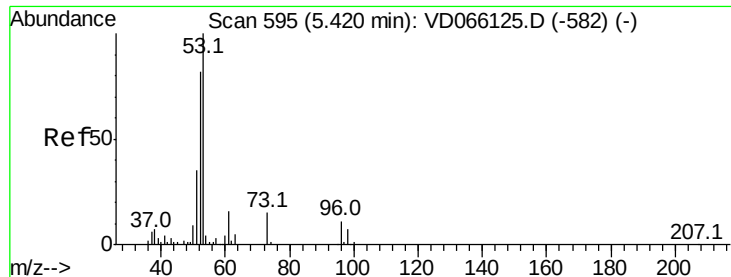
Ion Ratio Lower Upper

41 100

39 72.9 57.4 86.0

76 39.5 30.1 45.1





#15

Acrylonitrile

Concen: 93.299 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

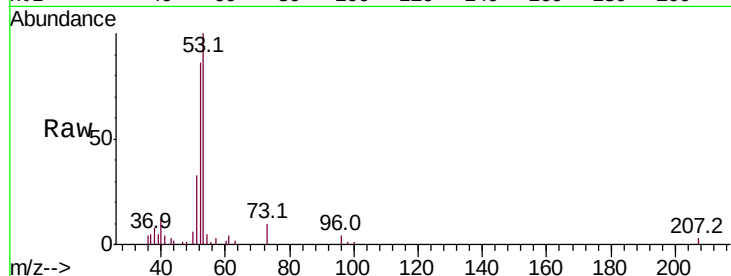
Tot Ion: 53 Resp: 54628

Ion Ratio Lower Upper

53 100

52 80.1 66.1 99.1

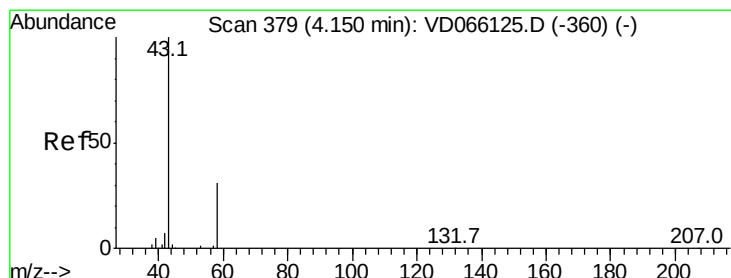
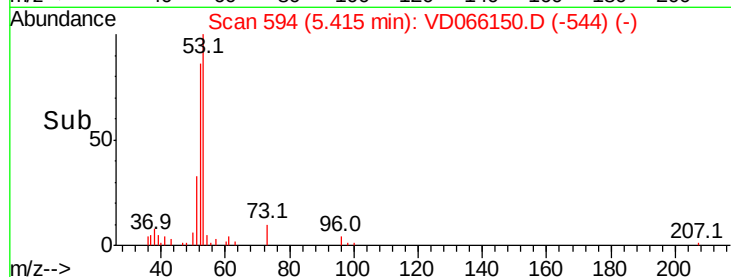
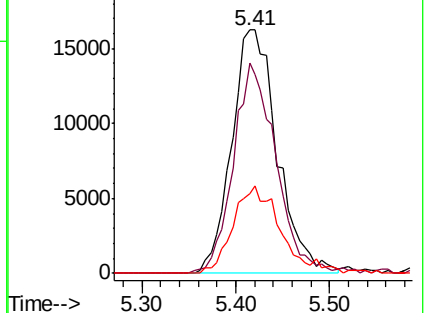
51 37.3 30.8 46.2



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: 89.641 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.01 min

Lab File: VD066150.D

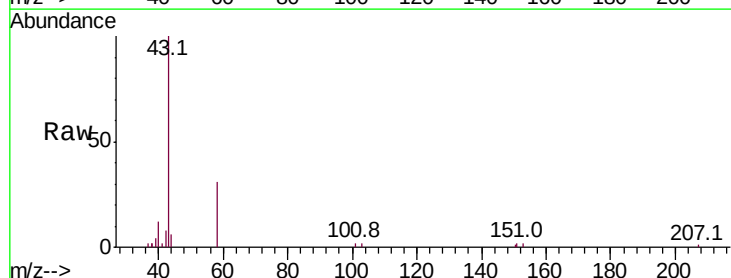
Acq: 07 Aug 2020 11:45

Tgt Ion: 43 Resp: 47238

Ion Ratio Lower Upper

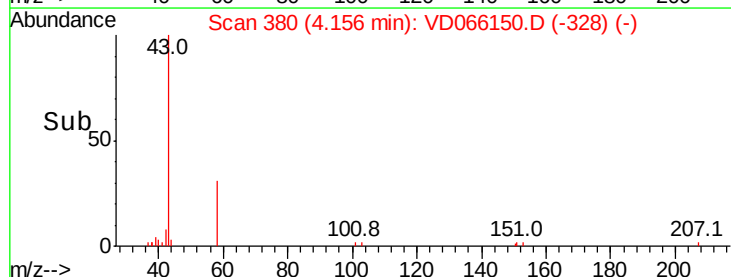
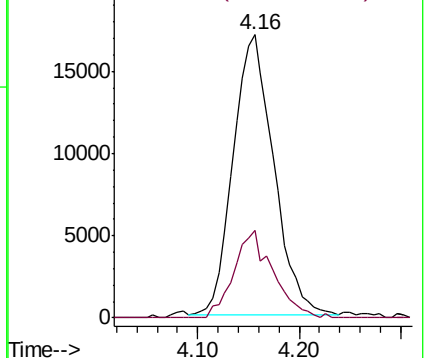
43 100

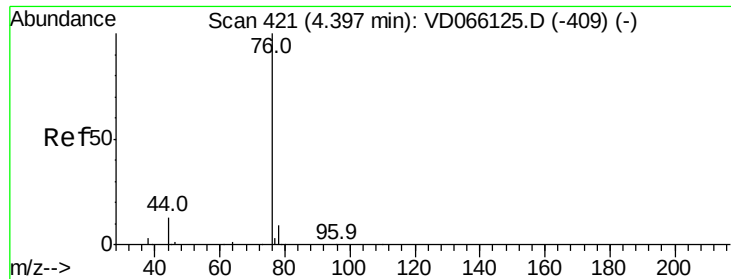
58 31.1 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

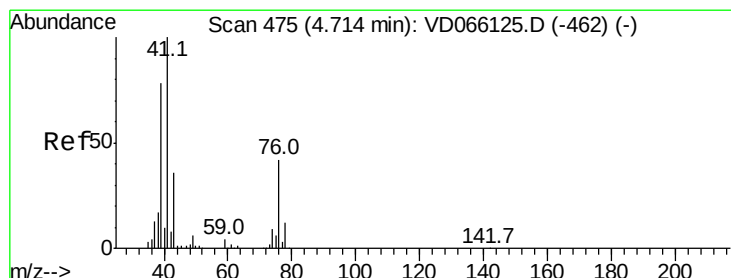
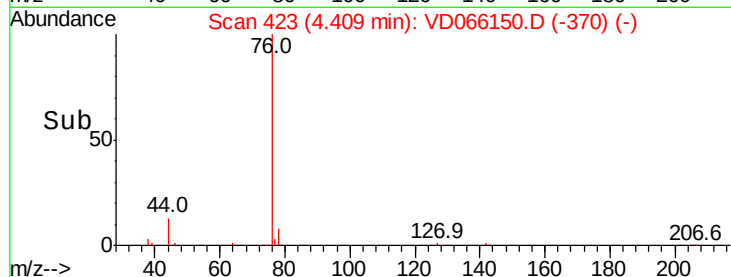
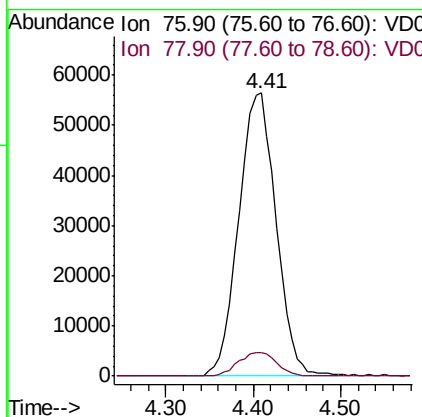
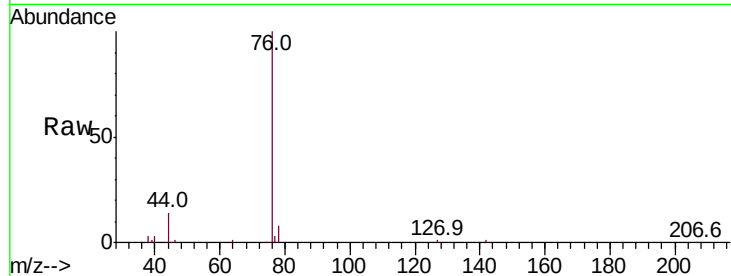




#17
Carbon Disulfide
Concen: 18.644 ug/l
RT: 4.41 min Scan# 423
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

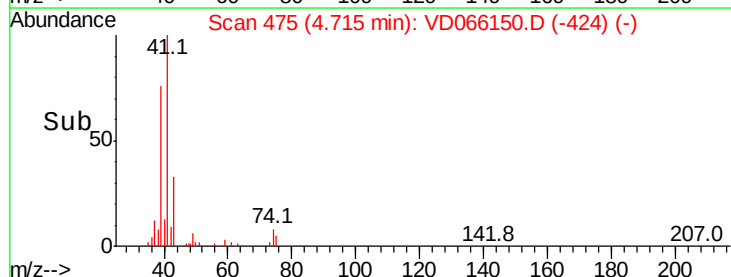
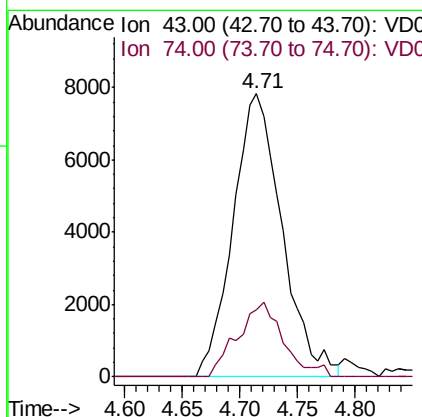
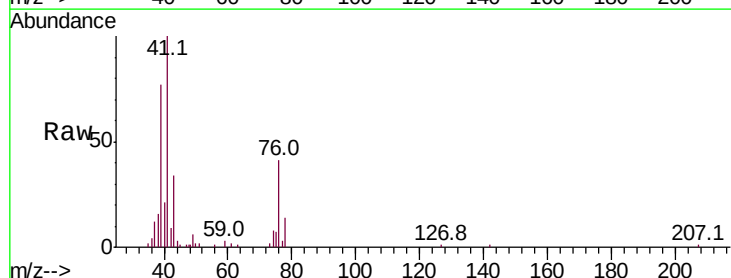
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

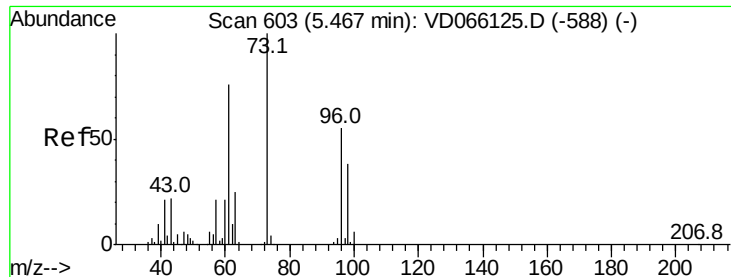
Tot Ion: 76 Resp: 163426
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 17.312 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 43 Resp: 23173
Ion Ratio Lower Upper
43 100
74 24.6 21.2 31.8

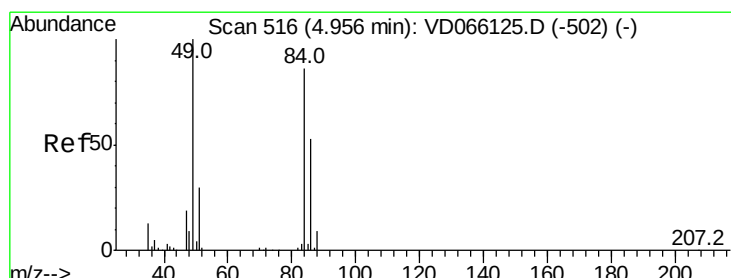
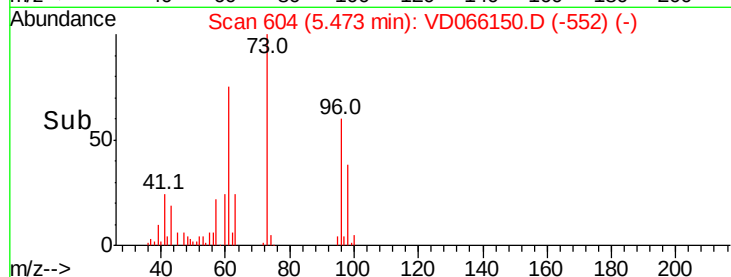
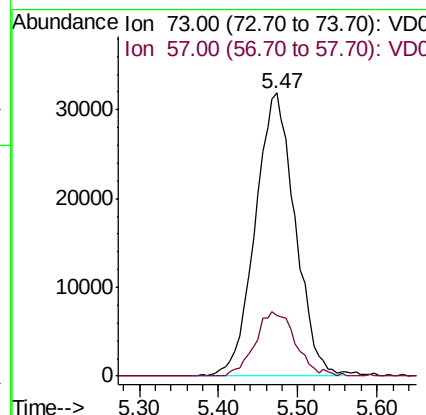
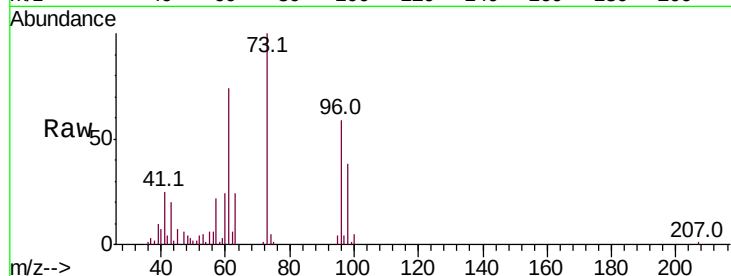




#19
Methyl tert-butyl Ether
Concen: 17.660 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

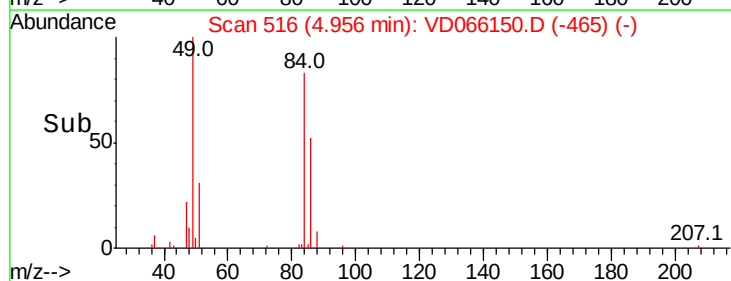
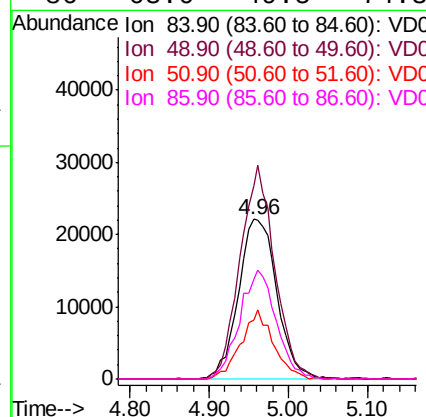
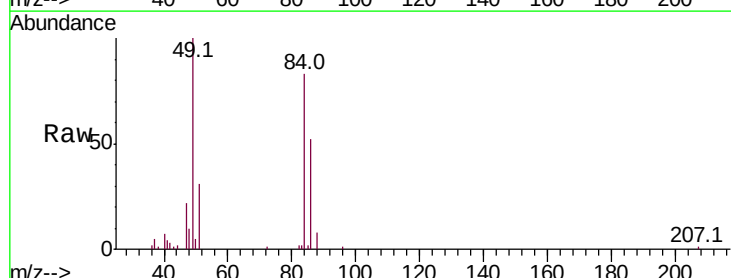
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

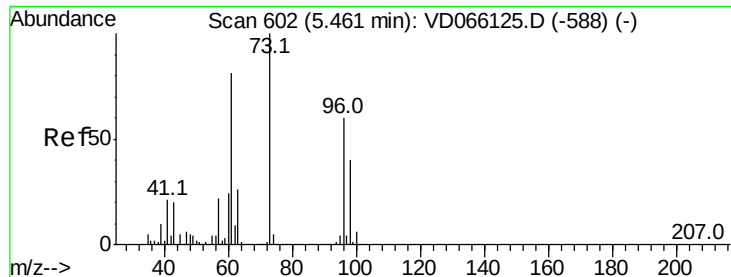
Tot Ion: 73 Resp: 111591
Ion Ratio Lower Upper
73 100
57 21.5 17.1 25.7



#20
Methylene Chloride
Concen: 22.015 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 84 Resp: 74526
Ion Ratio Lower Upper
84 100
49 120.8 93.5 140.3
51 37.0 28.2 42.4
86 63.0 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.906 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

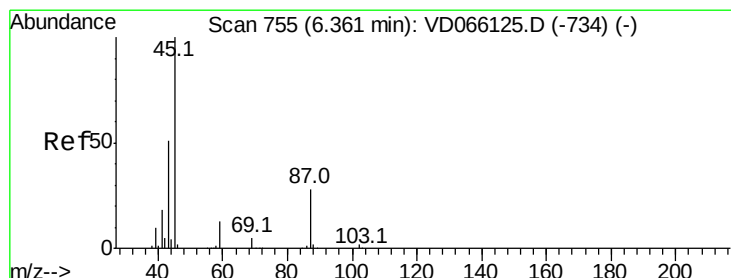
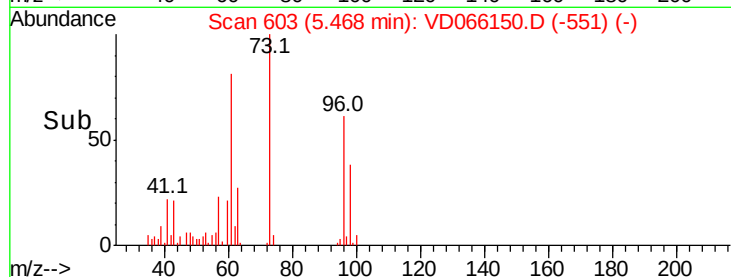
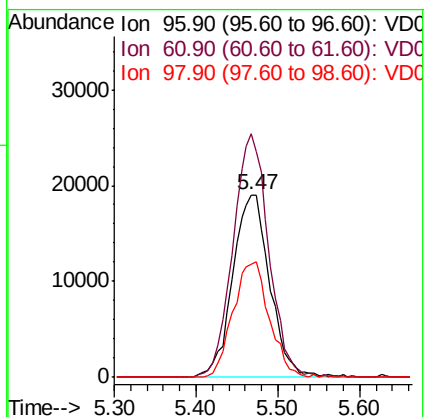
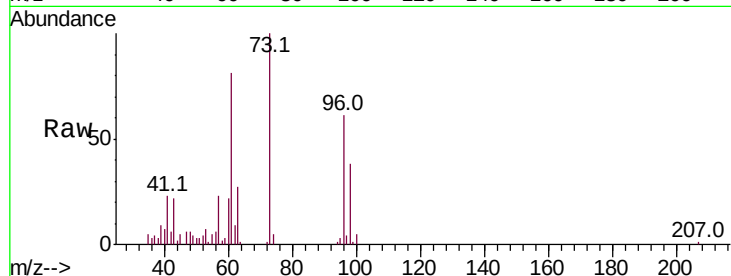
Tot Ion: 96 Resp: 59876

Ion Ratio Lower Upper

96 100

61 133.4 106.9 160.3

98 62.2 53.4 80.0



#22

Diisopropyl ether

Concen: 19.194 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion: 45 Resp: 158530

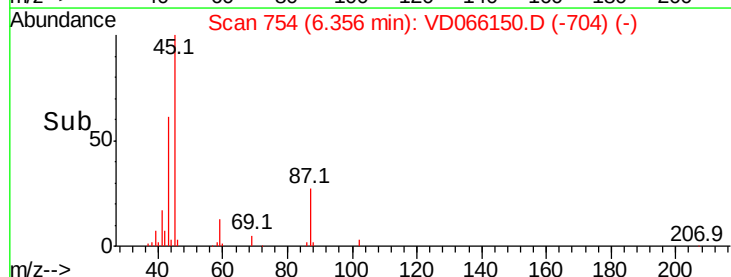
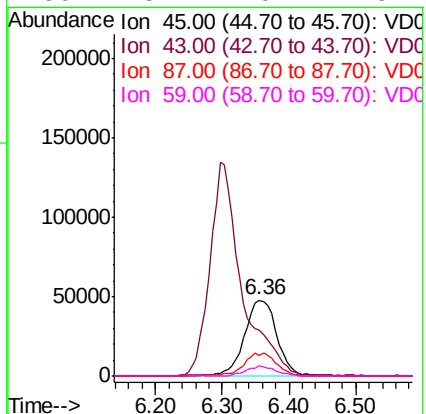
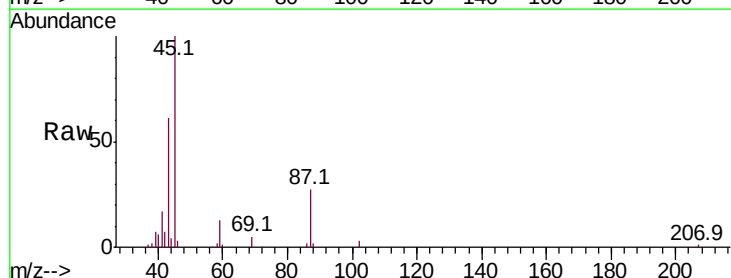
Ion Ratio Lower Upper

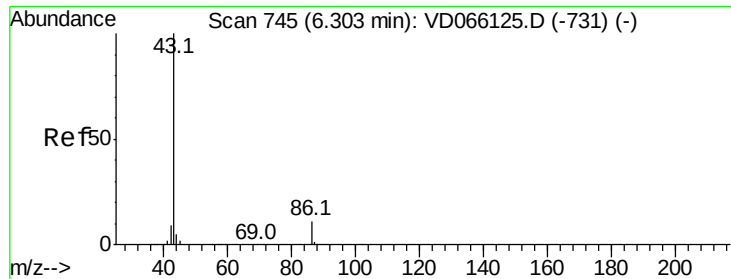
45 100

43 59.5 41.2 61.8

87 26.8 22.8 34.2

59 13.2 10.2 15.2





#23

Vinyl Acetate

Concen: 92.974 ug/l

RT: 6.30 min Scan# 744

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

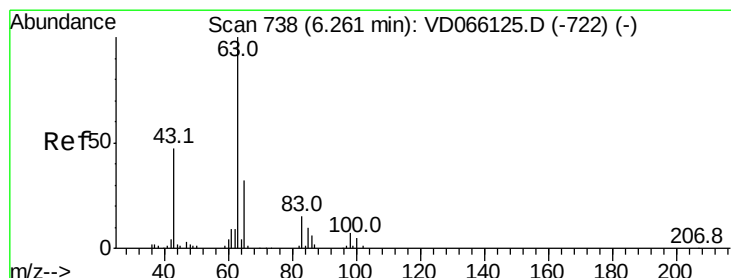
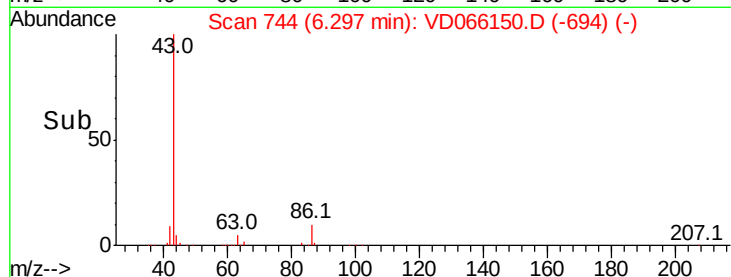
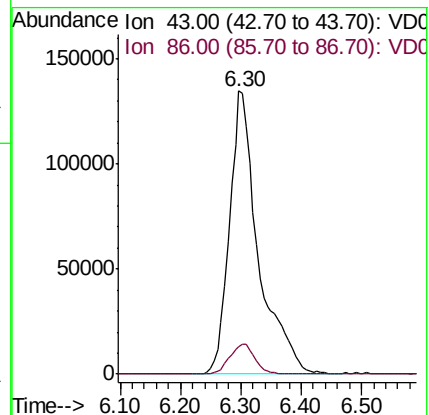
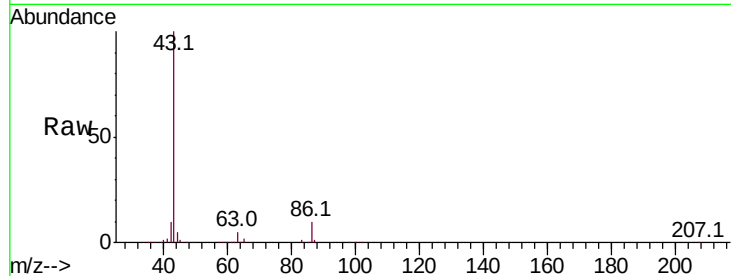
VD0807SBS01

Tot Ion: 43 Resp: 449875

Ion Ratio Lower Upper

43 100

86 9.8 9.1 13.7



#24

1,1-Dichloroethane

Concen: 19.385 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

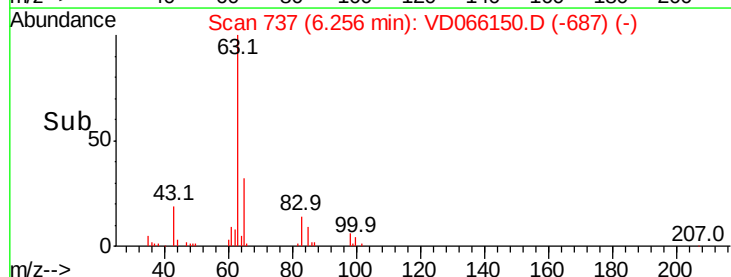
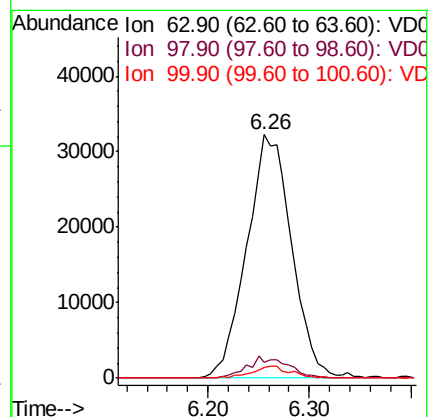
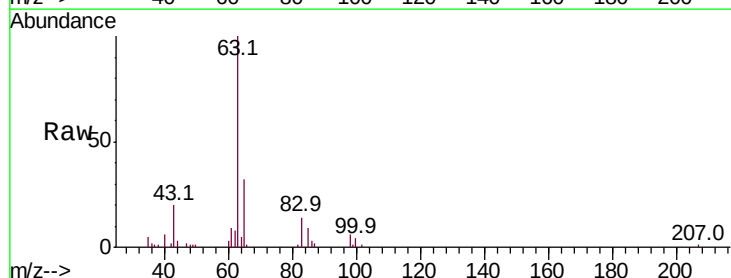
Tgt Ion: 63 Resp: 99085

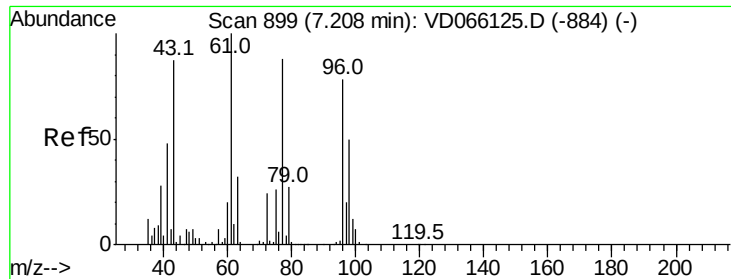
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.5

100 4.3 2.4 7.2





#25

2-Butanone

Concen: 89.562 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

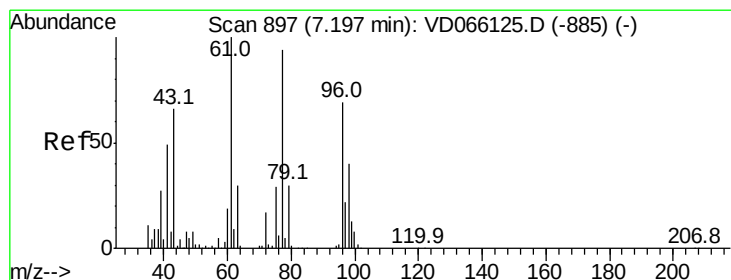
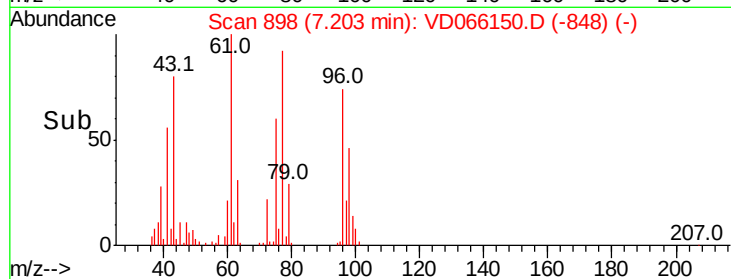
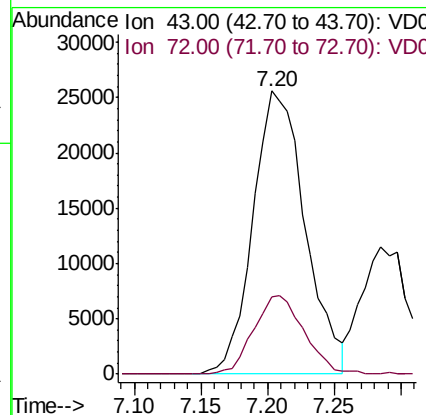
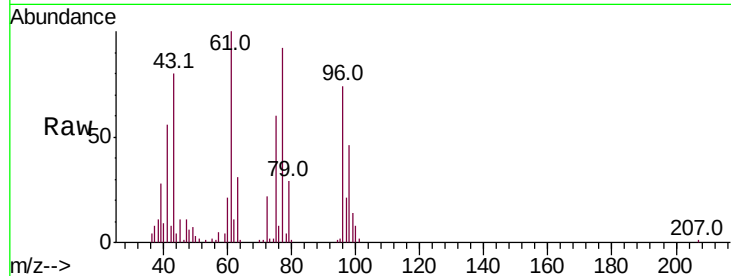
VD0807SBS01

Tot Ion: 43 Resp: 69417

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 19.818 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.01 min

Lab File: VD066150.D

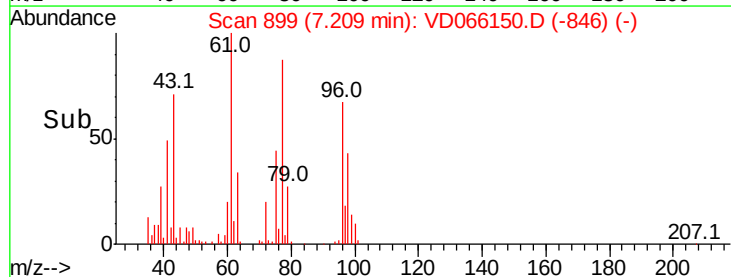
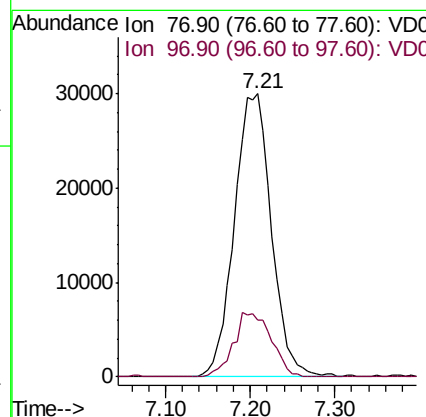
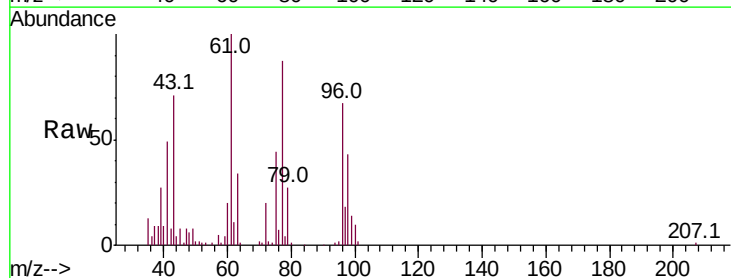
Acq: 07 Aug 2020 11:45

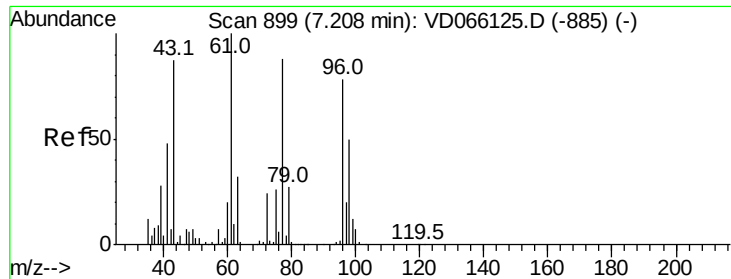
Tgt Ion: 77 Resp: 90793

Ion Ratio Lower Upper

77 100

97 23.1 11.8 35.3



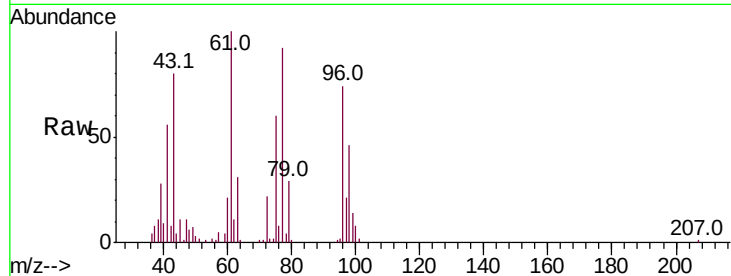


#27

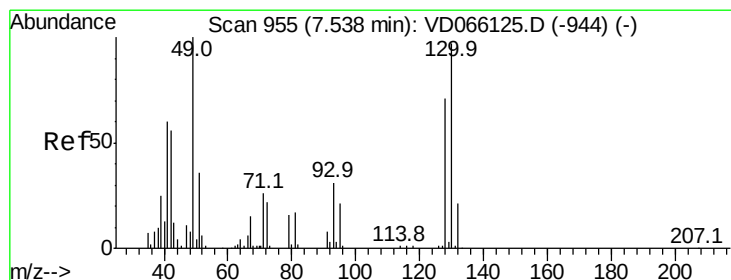
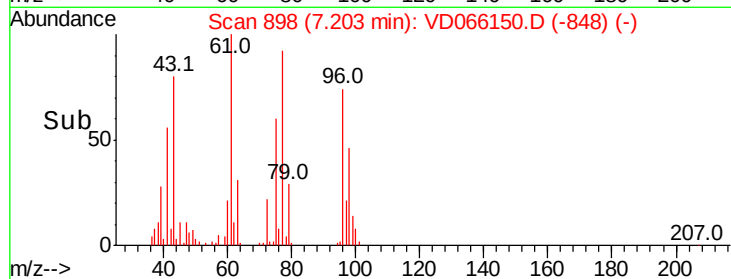
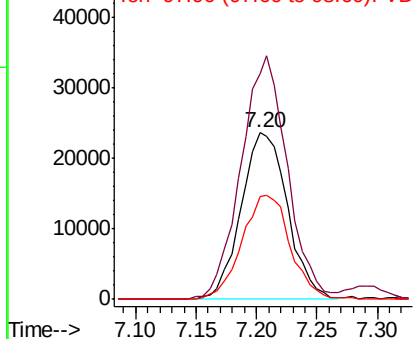
cis-1,2-Dichloroethene
 Concen: 19.076 ug/l
 RT: 7.20 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Tot Ion: 96 Resp: 63368
 Ion Ratio Lower Upper
 96 100
 61 145.1 0.0 281.6
 98 64.8 0.0 130.8



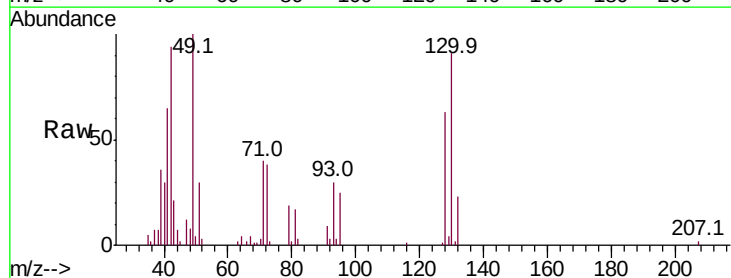
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



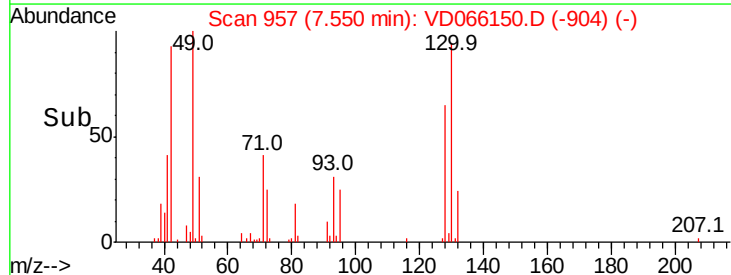
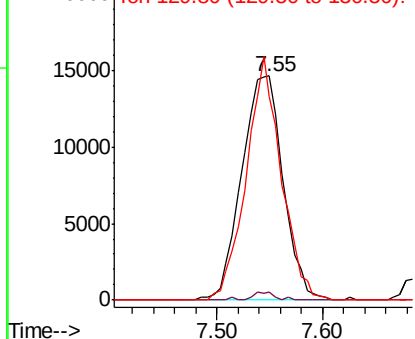
#28

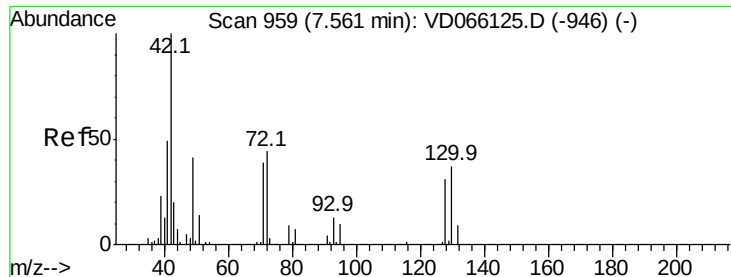
Bromochloromethane
 Concen: 22.246 ug/l
 RT: 7.55 min Scan# 957
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion: 49 Resp: 39938
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 6.0
 130 91.8 73.8 110.6



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





#29

Tetrahydrofuran

Concen: 90.182 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

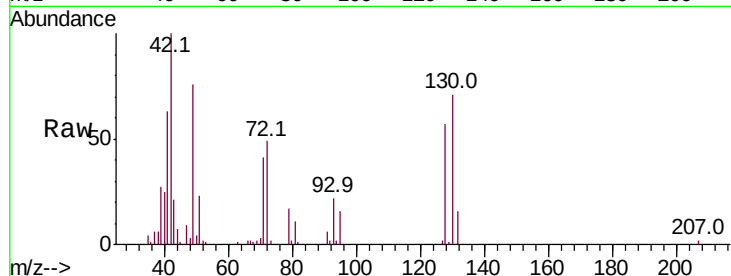
Tot Ion: 42 Resp: 43306

Ion Ratio Lower Upper

42 100

72 42.8 34.8 52.2

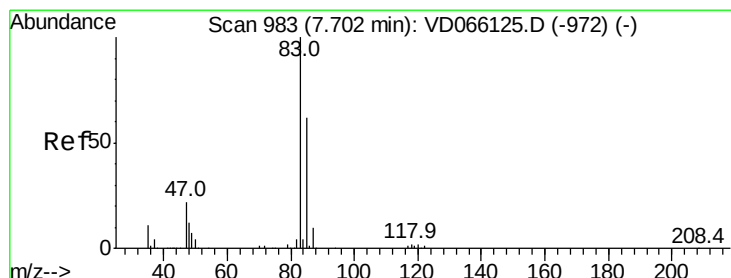
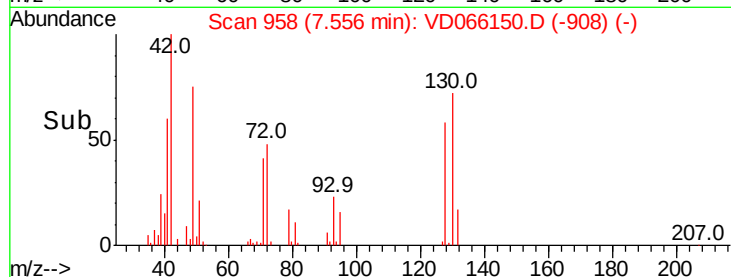
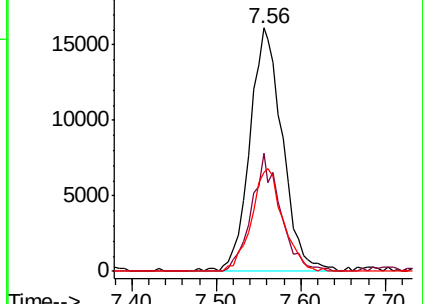
71 40.8 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 19.187 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066150.D

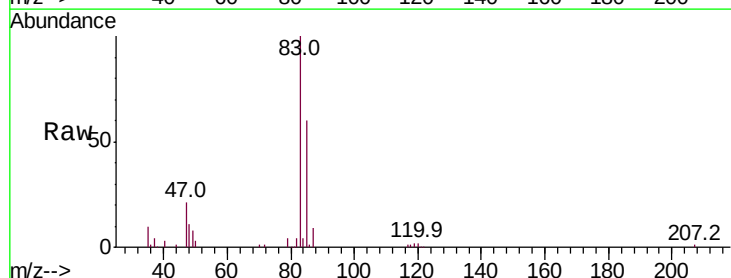
Acq: 07 Aug 2020 11:45

Tgt Ion: 83 Resp: 102978

Ion Ratio Lower Upper

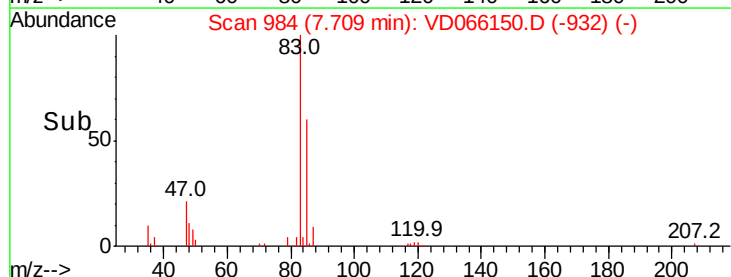
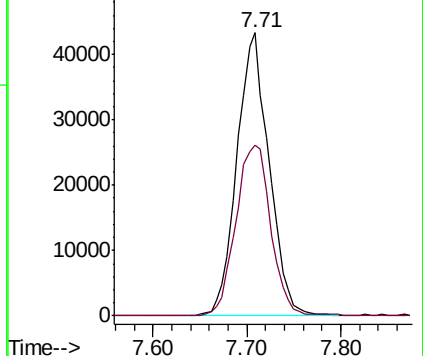
83 100

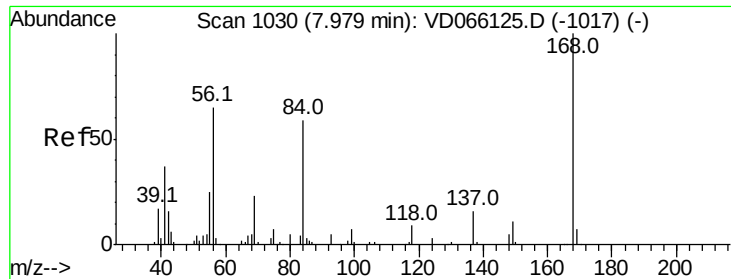
85 60.1 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

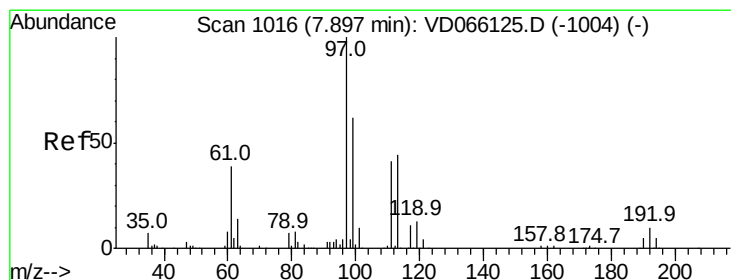
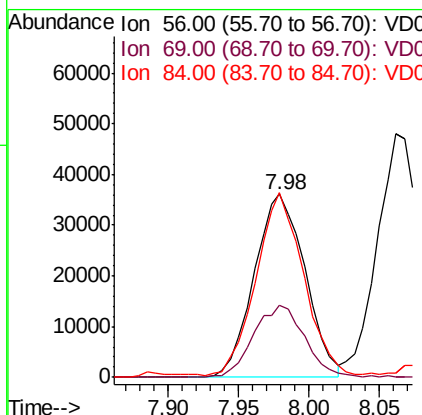
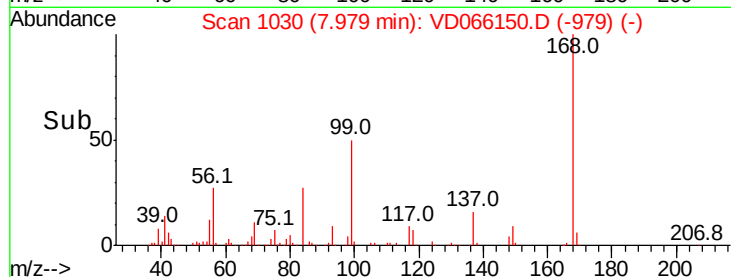
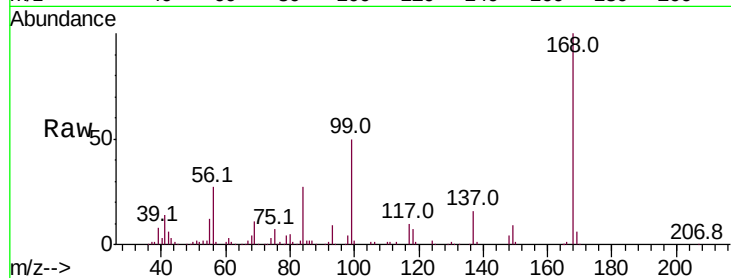




#31
Cyclohexane
Concen: 18.714 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

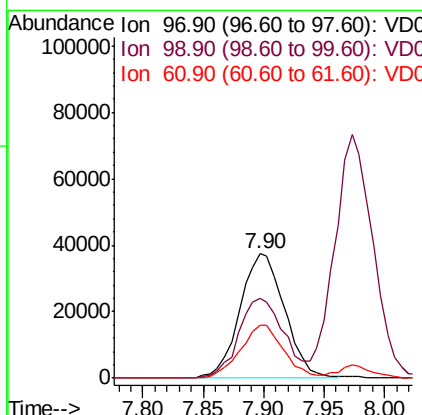
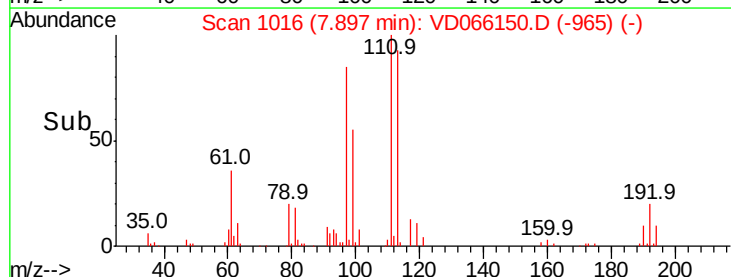
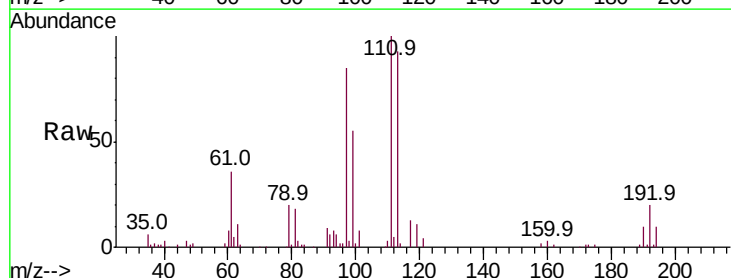
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

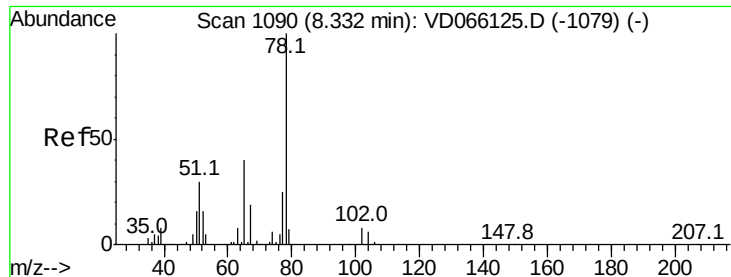
Tot Ion: 56 Resp: 91053
Ion Ratio Lower Upper
56 100
69 39.4 28.8 43.2
84 99.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 19.130 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 97 Resp: 96271
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 41.3 32.7 49.1

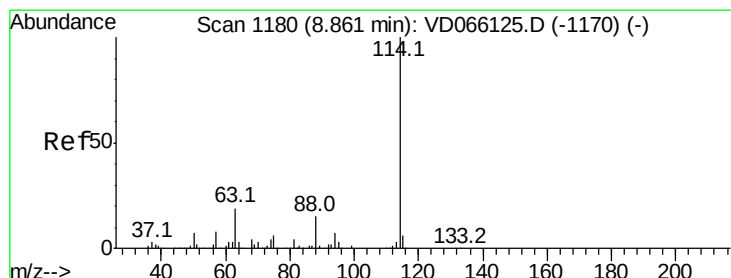
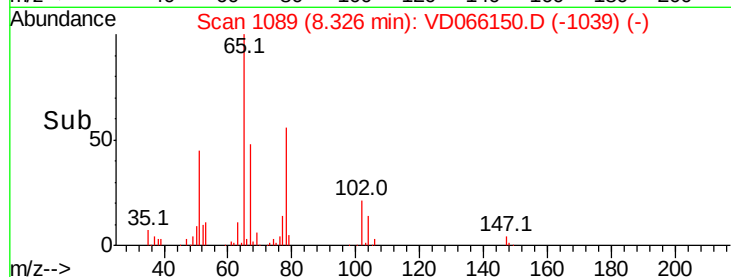
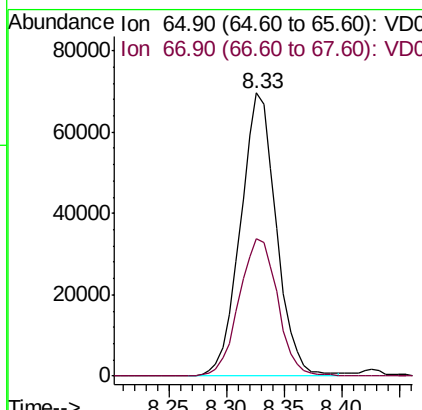
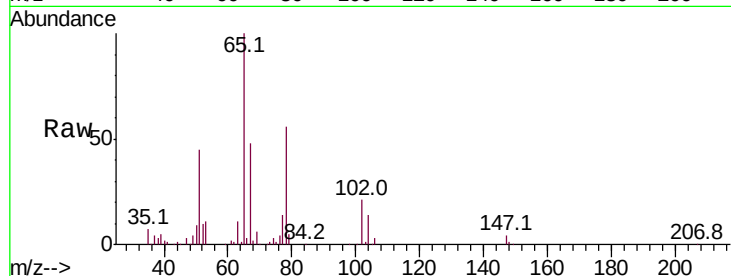




#33
 1,2-Dichloroethane-d4
 Concen: 54.098 ug/l
 RT: 8.33 min Scan# 1089
 Delta R.T. -0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

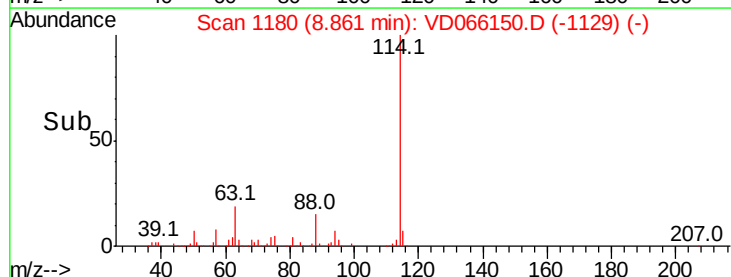
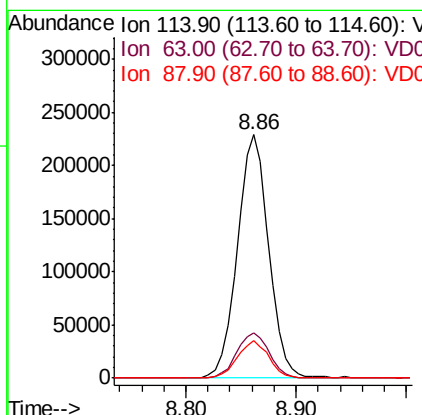
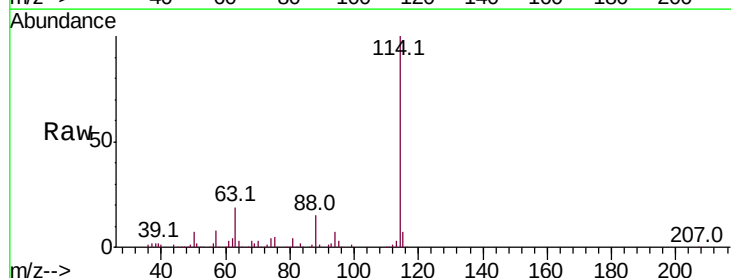
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

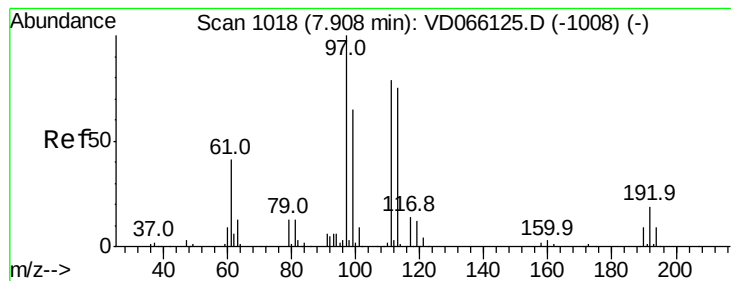
Tot Ion: 65 Resp: 150245
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion: 114 Resp: 455115
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 38.6
 88 15.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 54.038 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

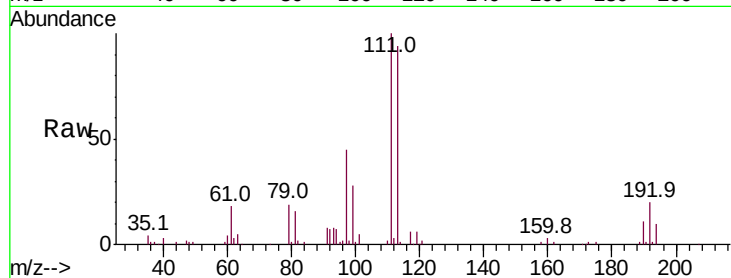
Tot Ion:113 Resp: 155798

Ion Ratio Lower Upper

113 100

111 103.2 80.7 121.1

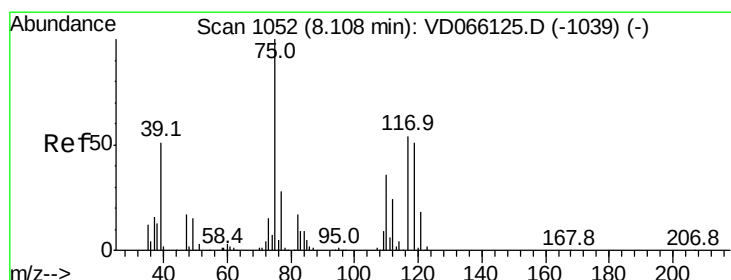
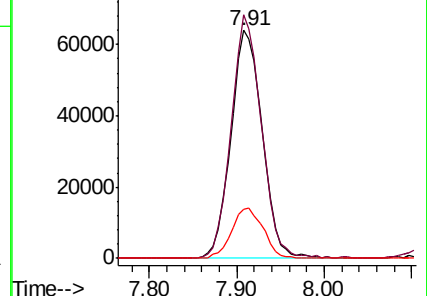
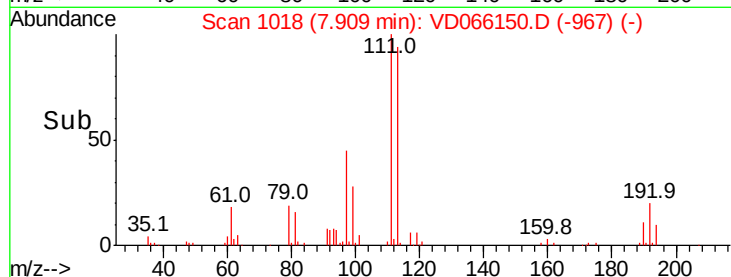
192 22.3 18.4 27.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.815 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

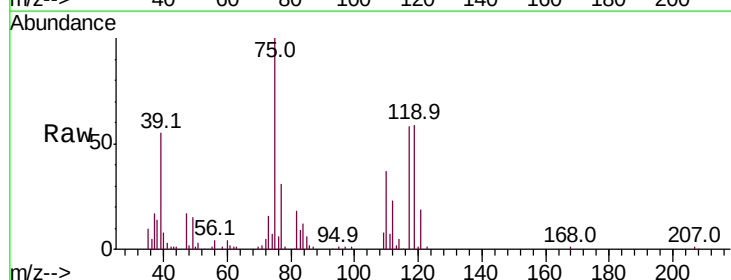
Tgt Ion: 75 Resp: 80466

Ion Ratio Lower Upper

75 100

110 38.0 18.8 56.3

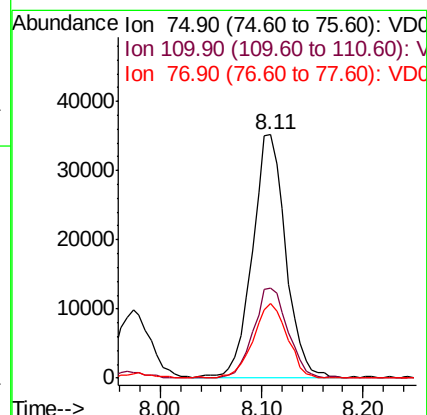
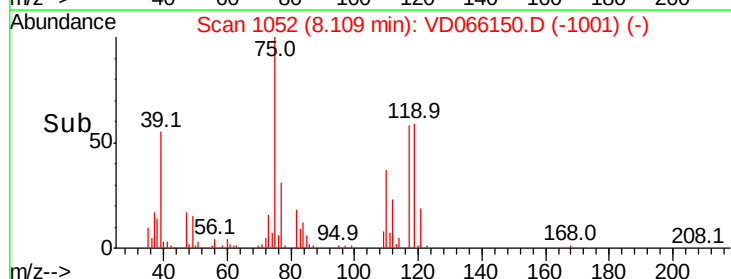
77 31.0 24.2 36.2

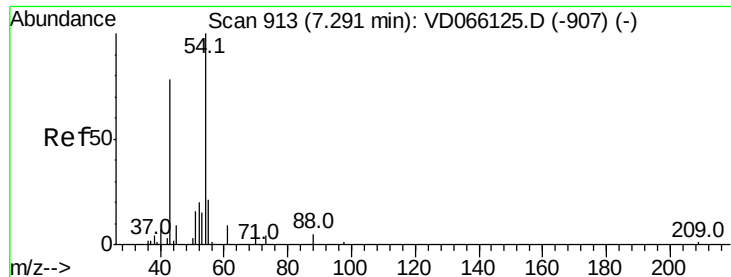


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

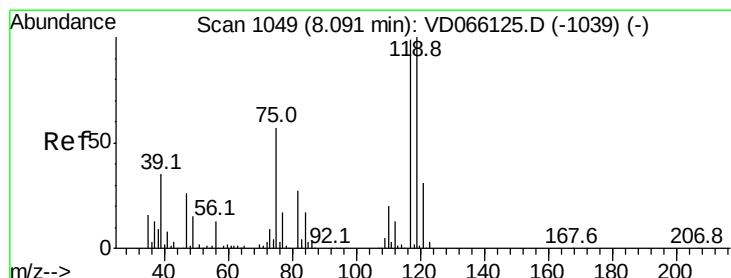
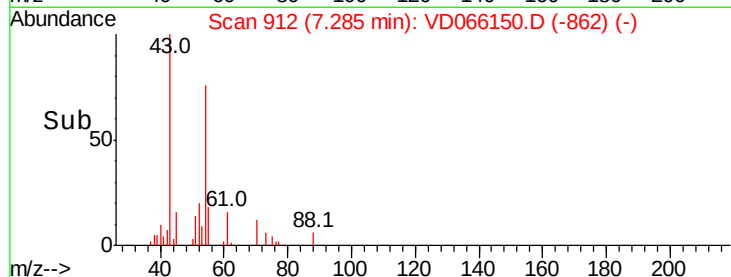
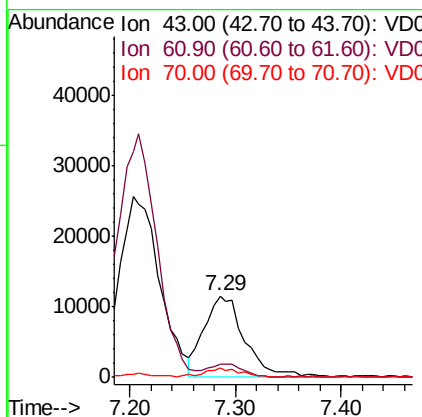
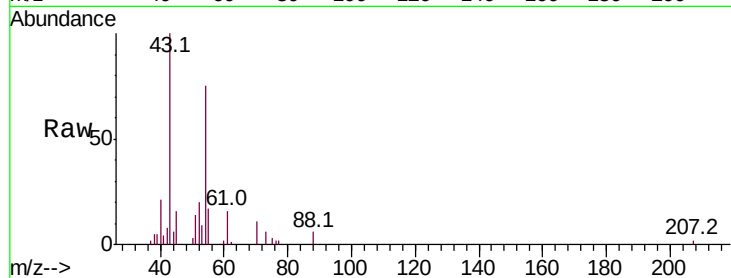




#37
Ethyl Acetate
Concen: 18.342 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

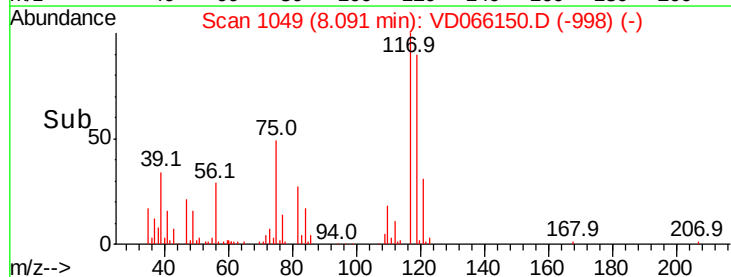
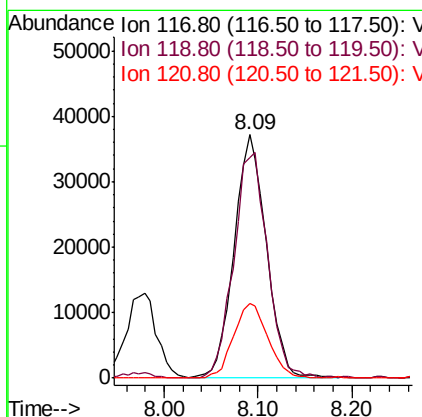
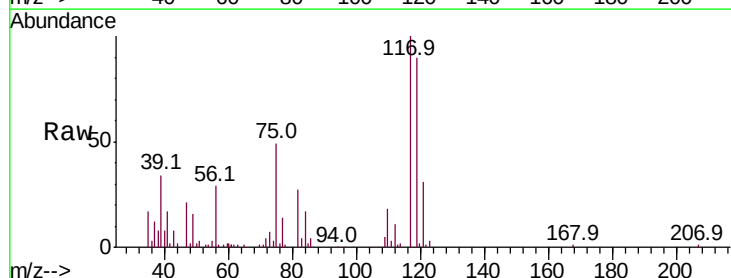
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

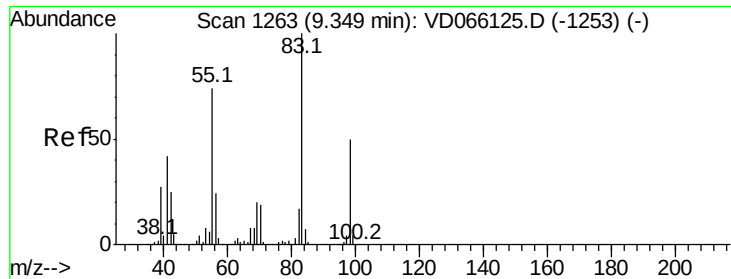
Tot Ion: 43 Resp: 31081
Ion Ratio Lower Upper
43 100
61 14.4 12.0 18.0
70 10.6 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.609 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 117 Resp: 88752
Ion Ratio Lower Upper
117 100
119 90.5 81.0 121.4
121 30.9 24.8 37.2

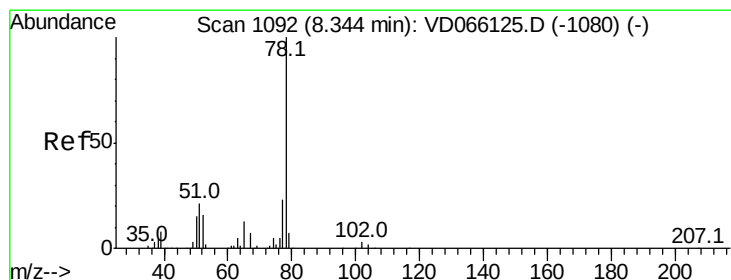
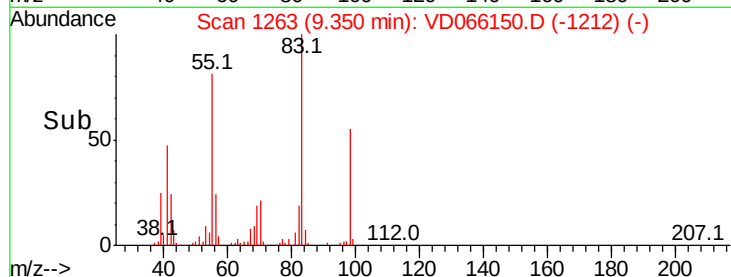
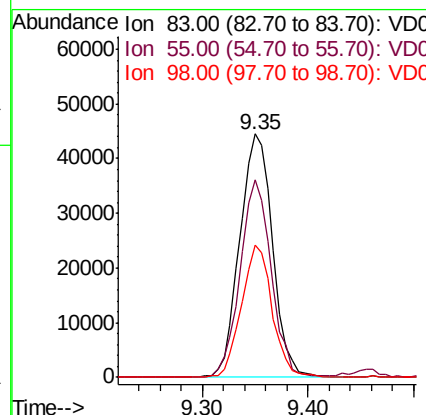
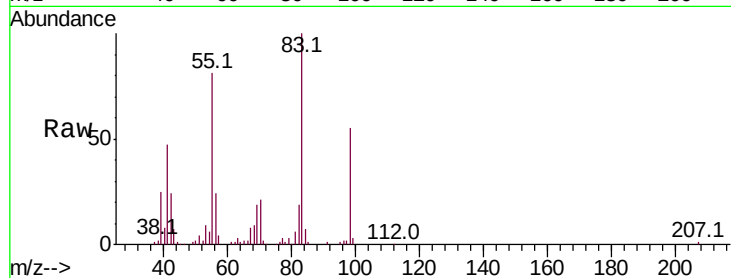




#39
Methylvlcyclohexane
Concen: 18.511 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

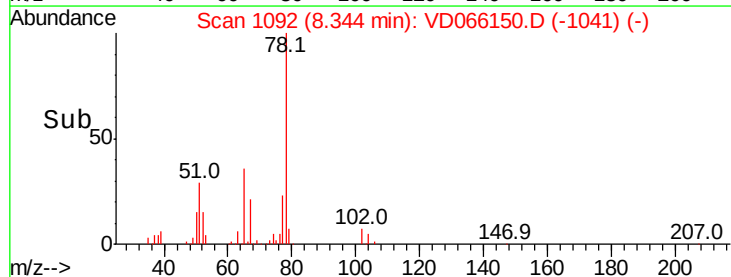
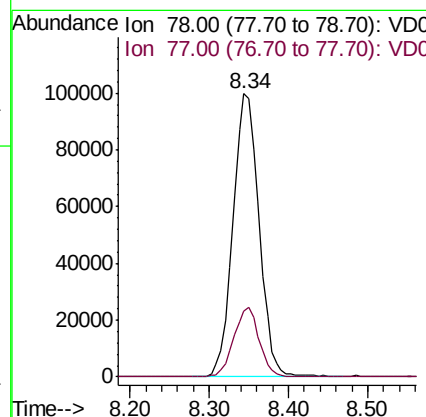
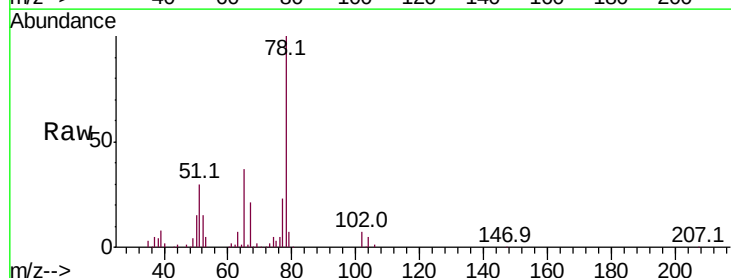
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

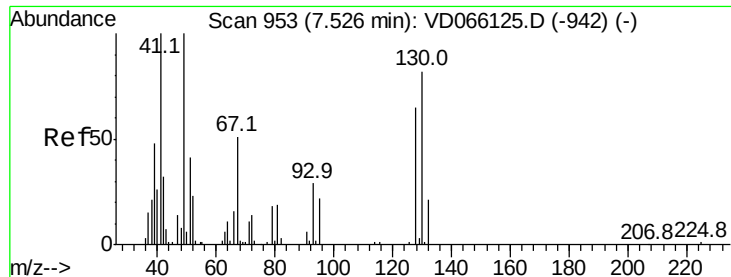
Tot Ion	83	Resp	95698
Ion	Ratio	Lower	Upper
83	100		
55	81.2	59.2	88.8
98	54.6	39.8	59.6



#40
Benzene
Concen: 19.148 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion	78	Resp	227168
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





#41

Methacrylonitrile

Concen: 17.490 ug/l

RT: 7.53 min Scan# 953

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 41 Resp: 17425

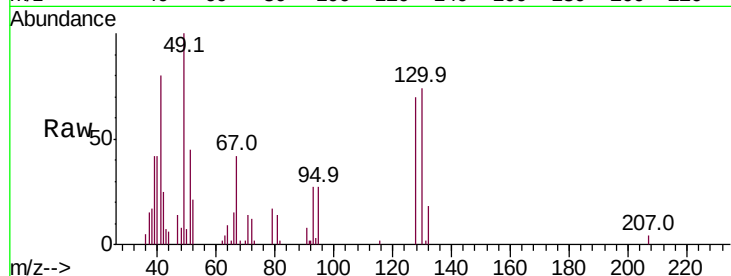
Ion Ratio Lower Upper

41 100

39 51.8 47.5 71.3

67 73.9 59.1 88.7

52 34.0 25.4 38.0

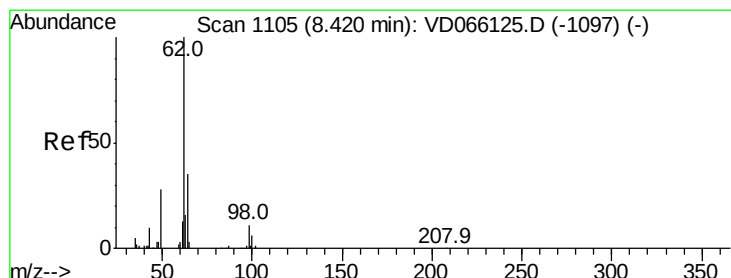
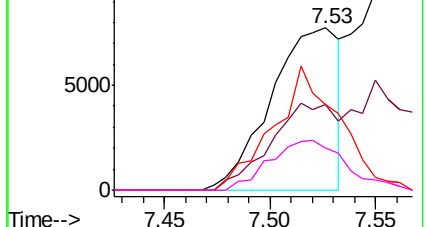
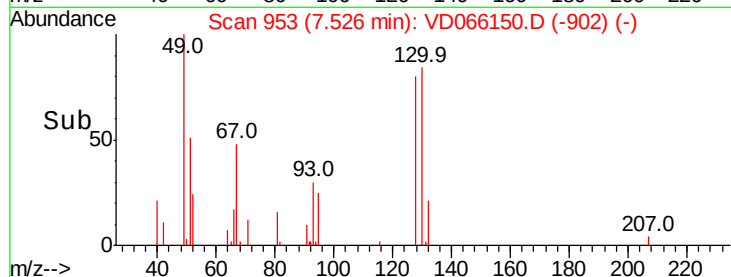


Abundance Ion 41.00 (40.70 to 41.70): VDC

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: 19.317 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066150.D

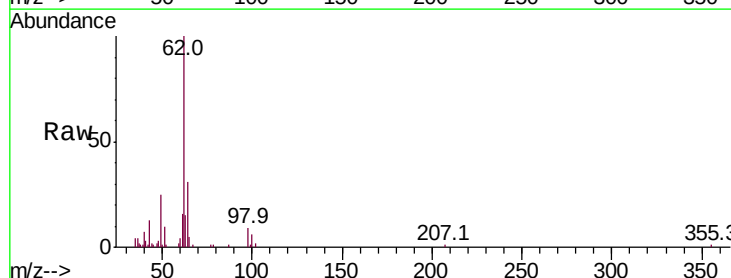
Acq: 07 Aug 2020 11:45

Tgt Ion: 62 Resp: 67326

Ion Ratio Lower Upper

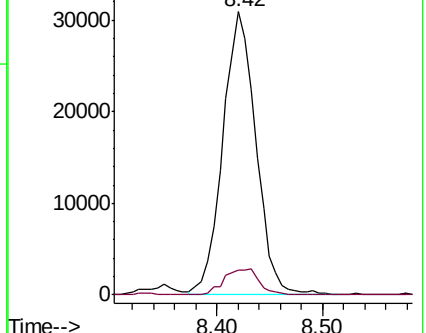
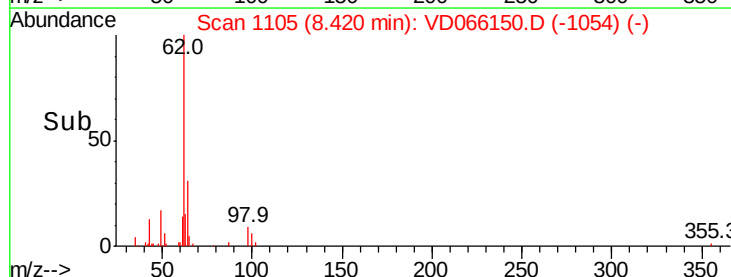
62 100

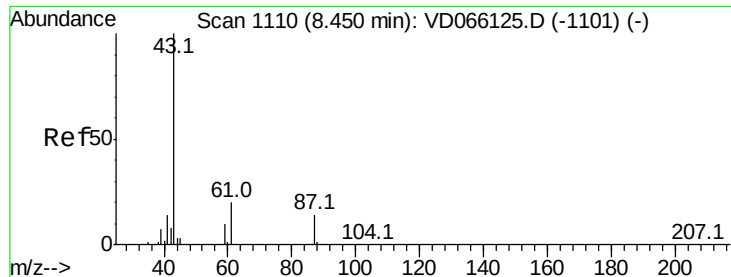
98 9.6 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 17.571 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

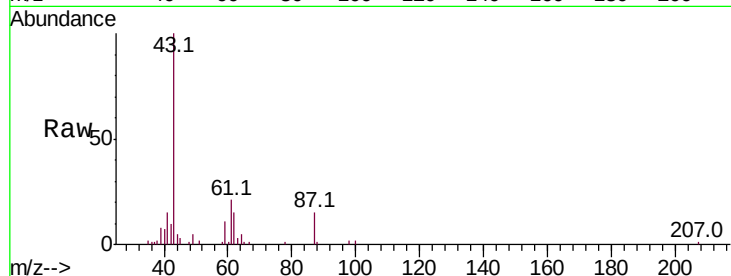
Tot Ion: 43 Resp: 58663

Ion Ratio Lower Upper

43 100

61 33.2 25.5 38.3

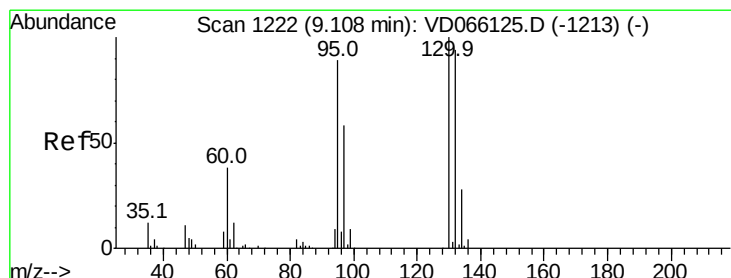
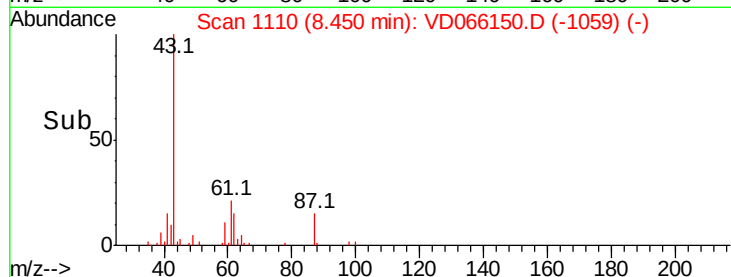
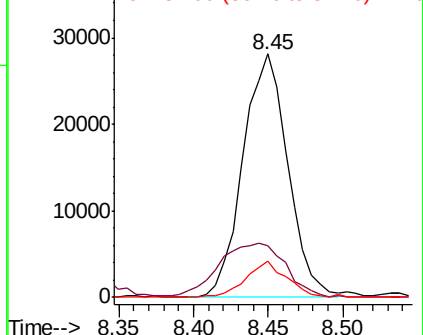
87 13.4 11.2 16.8



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: 18.810 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066150.D

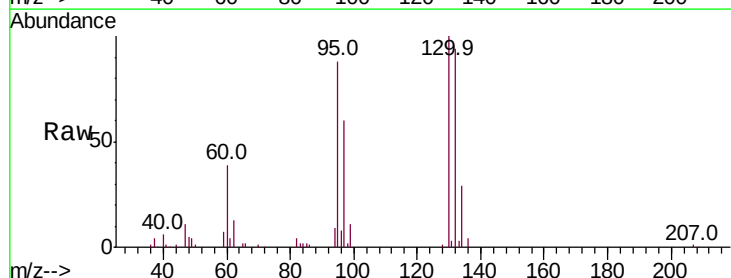
Acq: 07 Aug 2020 11:45

Tgt Ion:130 Resp: 67246

Ion Ratio Lower Upper

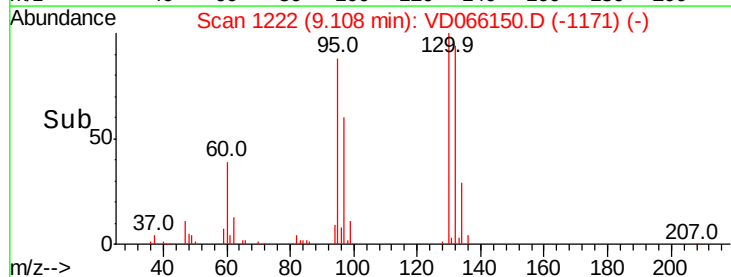
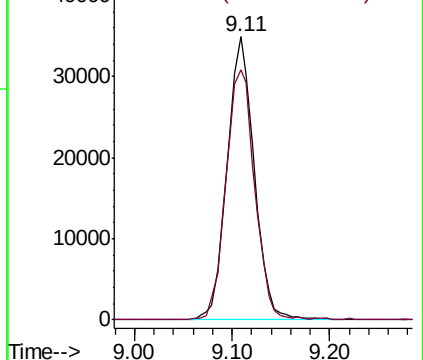
130 100

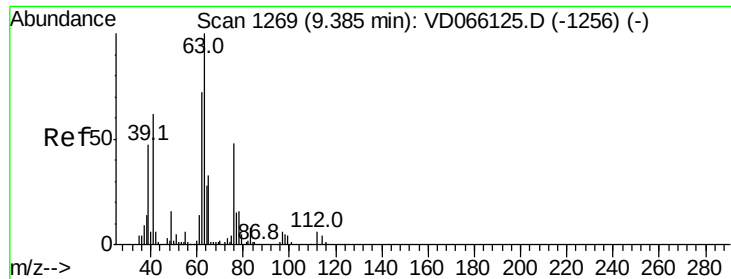
95 88.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 19.470 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

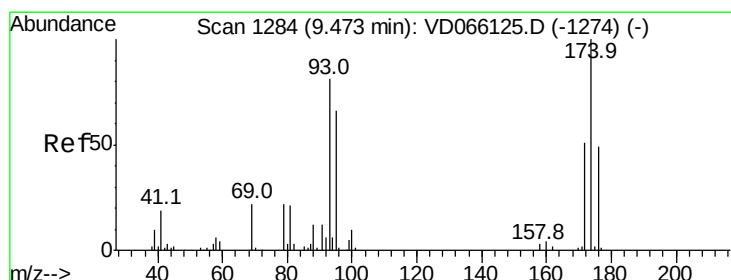
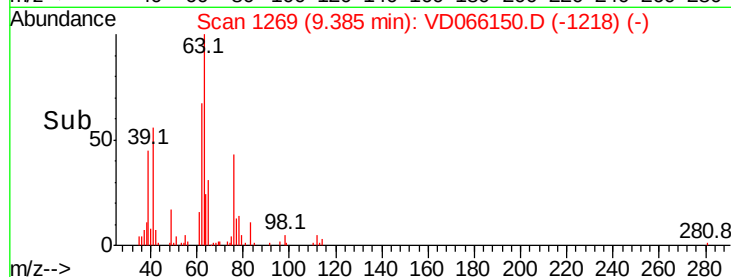
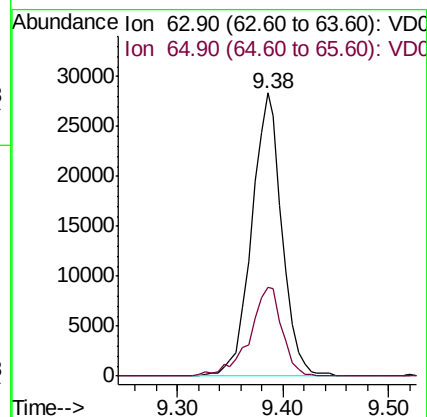
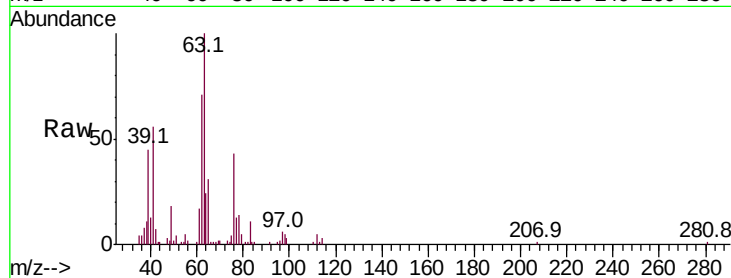
VD0807SBS01

Tot Ion: 63 Resp: 56495

Ion Ratio Lower Upper

63 100

65 31.3 26.5 39.7



#46

Dibromomethane

Concen: 18.167 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

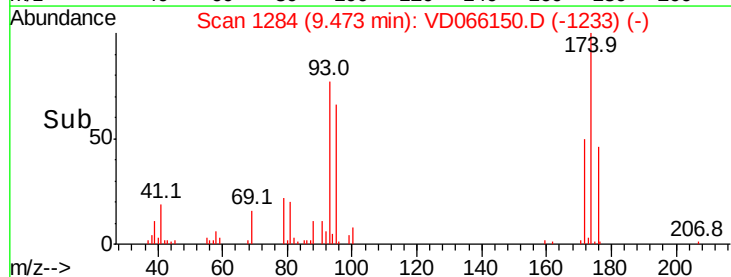
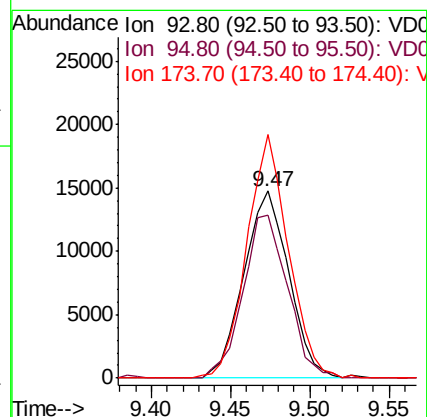
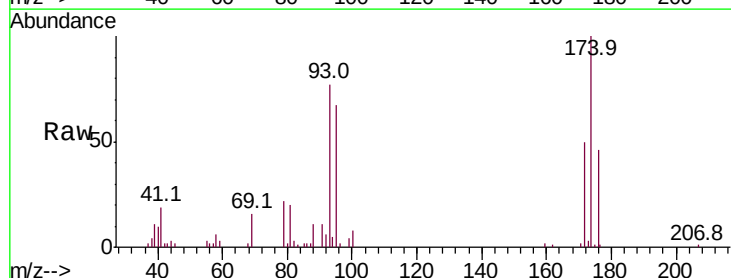
Tgt Ion: 93 Resp: 29036

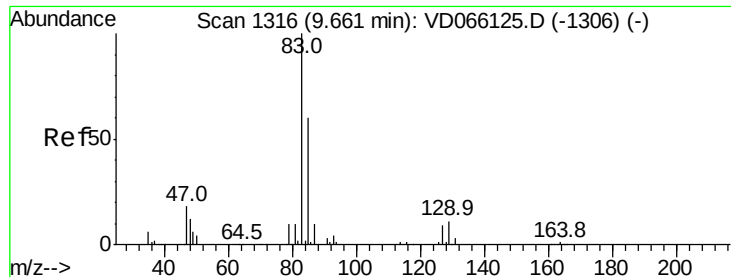
Ion Ratio Lower Upper

93 100

95 86.7 65.8 98.6

174 120.7 92.8 139.2





#47

Bromodichloromethane

Concen: 18.746 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

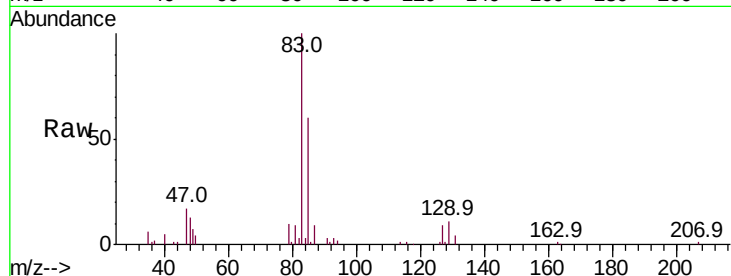
Tot Ion: 83 Resp: 79185

Ion Ratio Lower Upper

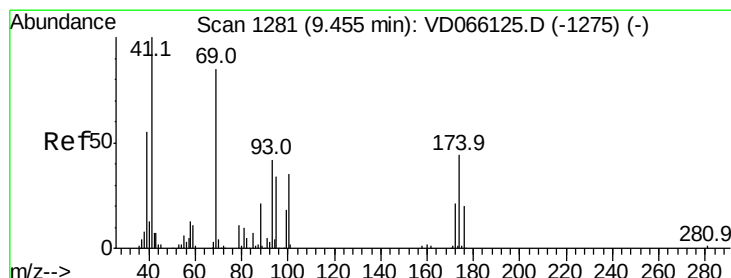
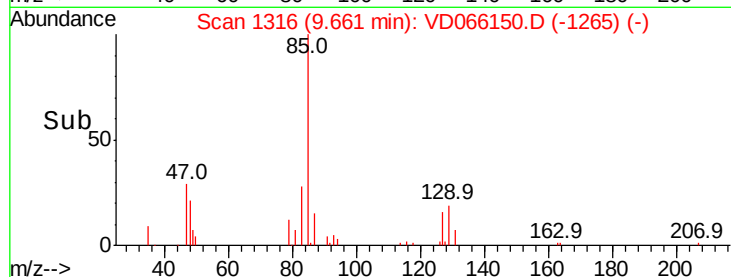
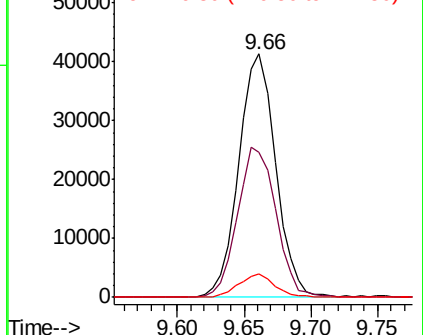
83 100

85 59.6 48.2 72.4

127 9.4 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): VDC



#48

Methyl methacrylate

Concen: 16.202 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

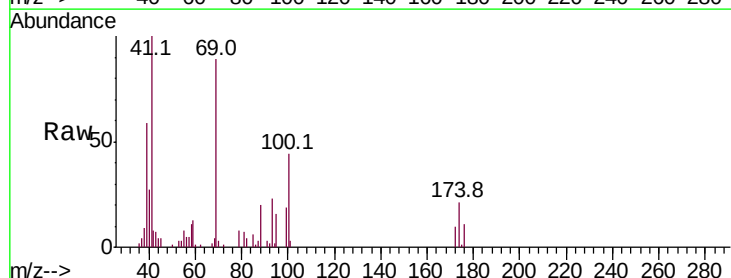
Tgt Ion: 41 Resp: 27621

Ion Ratio Lower Upper

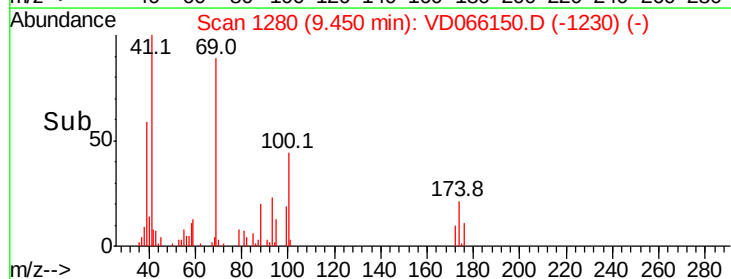
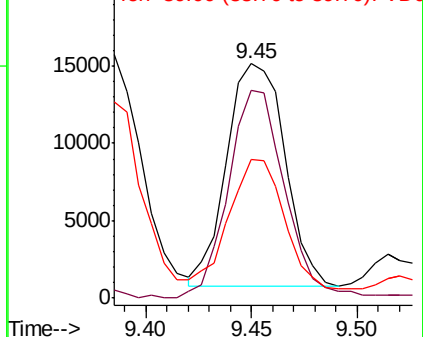
41 100

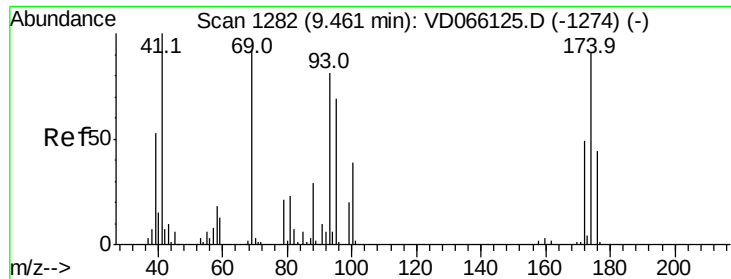
69 90.5 63.9 95.9

39 55.4 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: 320.398 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

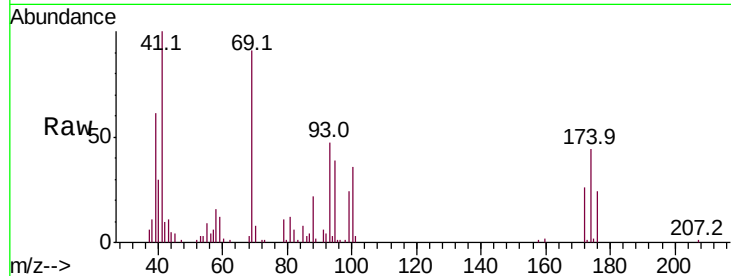
Tot Ion: 88 Resp: 6579

Ion Ratio Lower Upper

88 100

43 41.6 27.5 41.3#

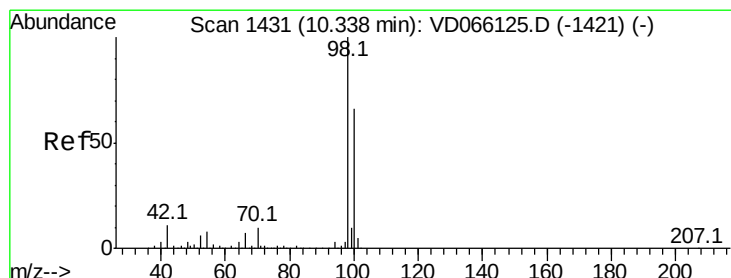
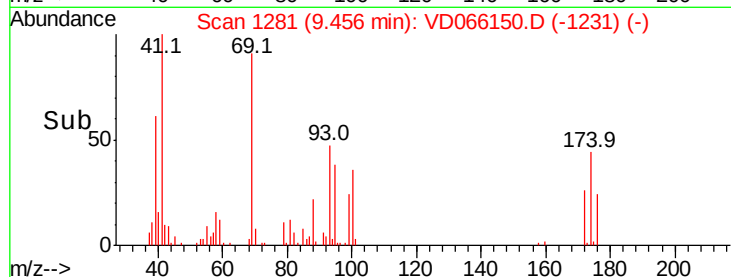
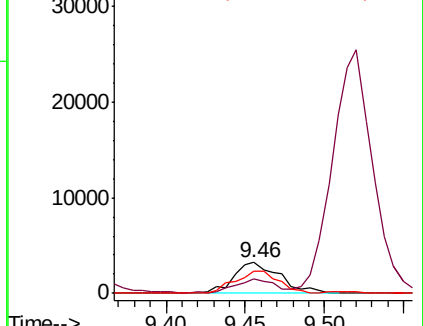
58 67.7 50.2 75.4



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#50

Toluene-d8

Concen: 55.516 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066150.D

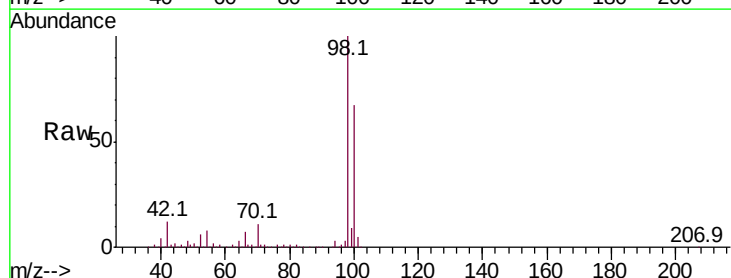
Acq: 07 Aug 2020 11:45

Tgt Ion: 98 Resp: 590654

Ion Ratio Lower Upper

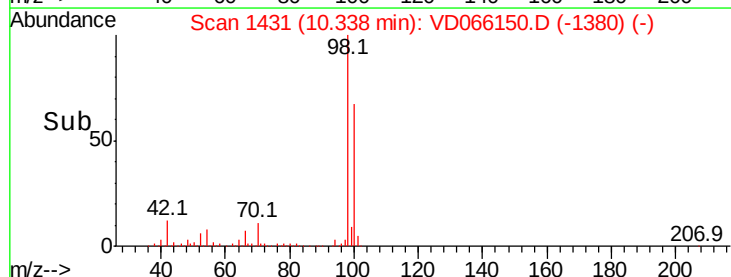
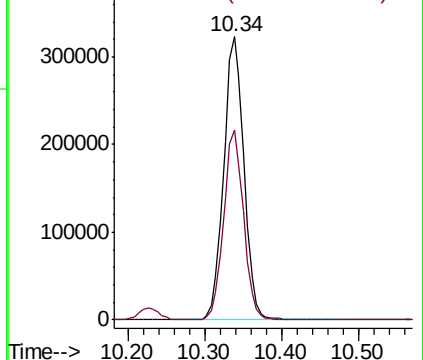
98 100

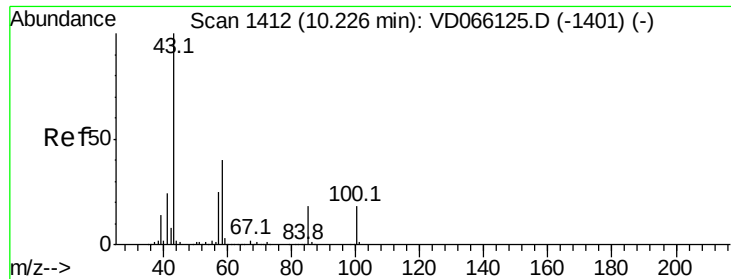
100 66.0 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 87.115 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

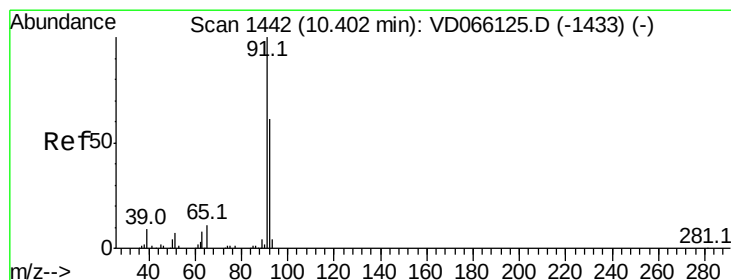
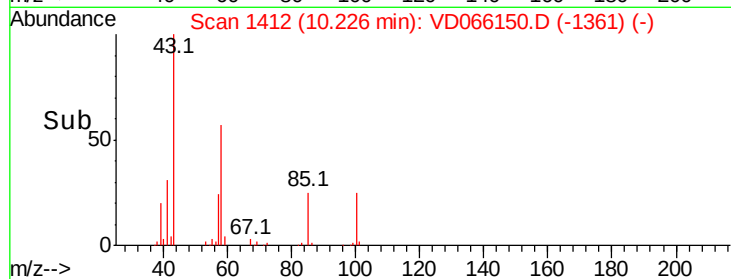
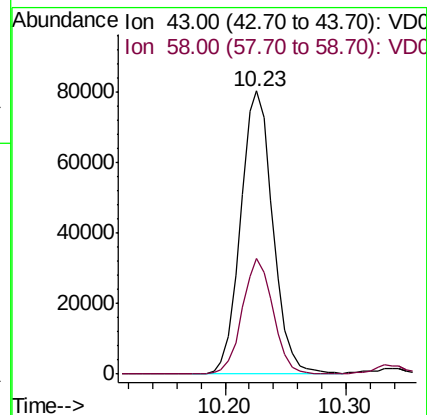
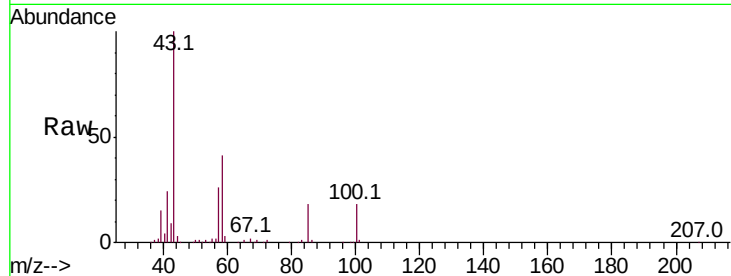
VD0807SBS01

Tot Ion: 43 Resp: 149395

Ion Ratio Lower Upper

43 100

58 39.2 31.1 46.7



#52

Toluene

Concen: 19.725 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066150.D

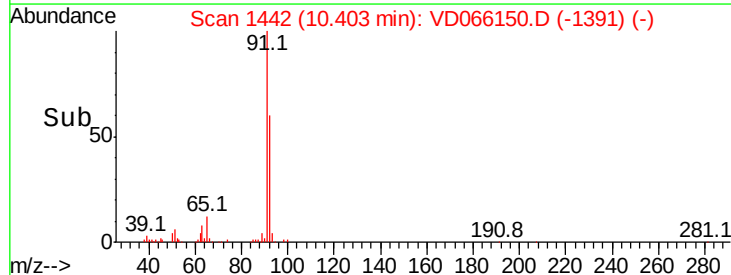
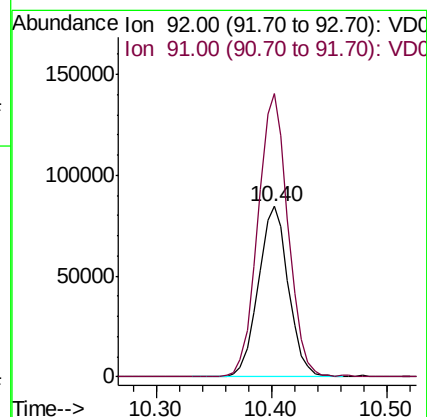
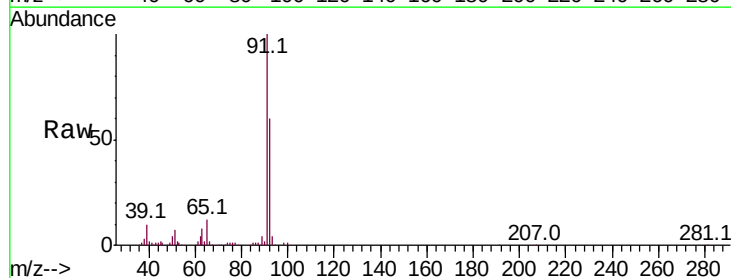
Acq: 07 Aug 2020 11:45

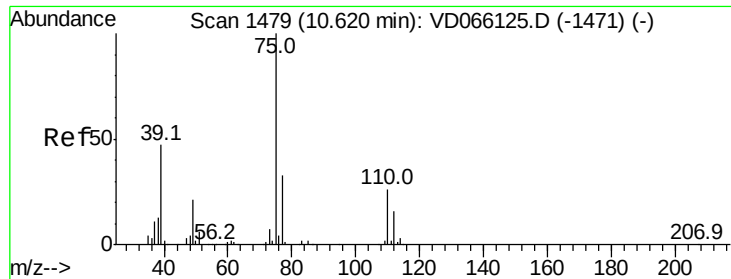
Tgt Ion: 92 Resp: 153985

Ion Ratio Lower Upper

92 100

91 165.8 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 19.195 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

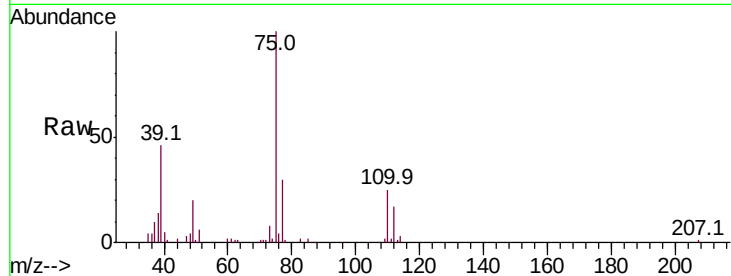
VD0807SBS01

Tot Ion: 75 Resp: 76950

Ion Ratio Lower Upper

75 100

77 30.4 26.2 39.2



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

10.62

50000

40000

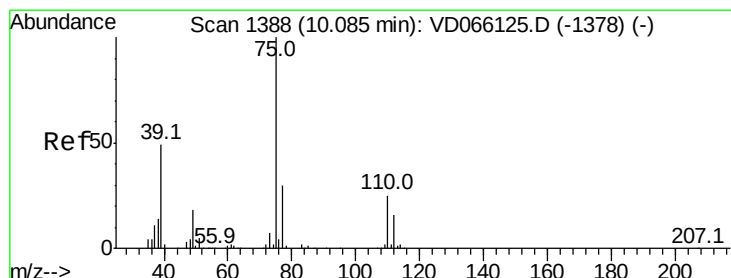
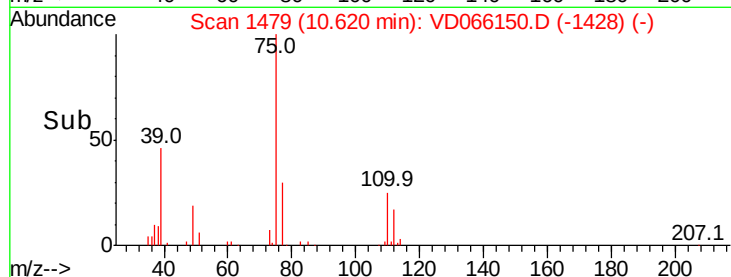
30000

20000

10000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.222 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

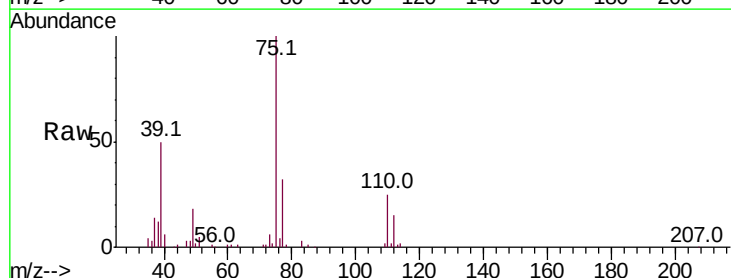
Tgt Ion: 75 Resp: 90284

Ion Ratio Lower Upper

75 100

77 31.9 24.3 36.5

39 50.5 39.3 58.9



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 76.90 (76.60 to 77.60): VDC

Ion 39.00 (38.70 to 39.70): VDC

10.08

60000

50000

40000

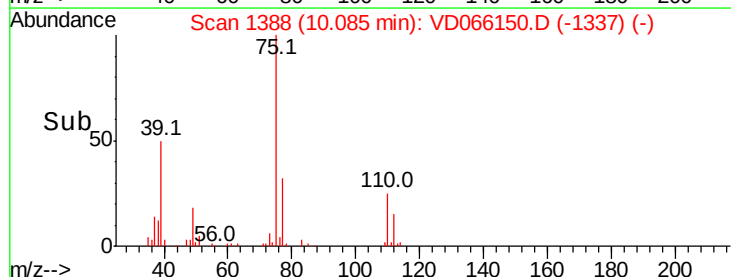
30000

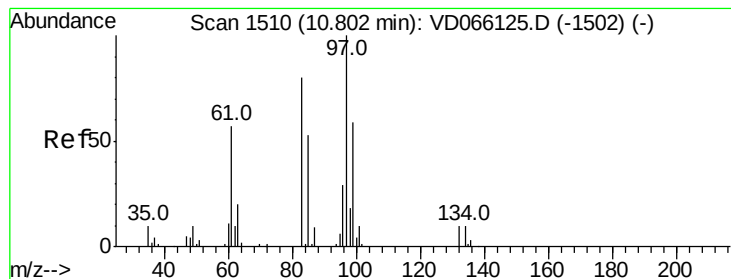
20000

10000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 18.332 ug/l

RT: 10.80 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

Tot Ion: 97 Resp: 42190

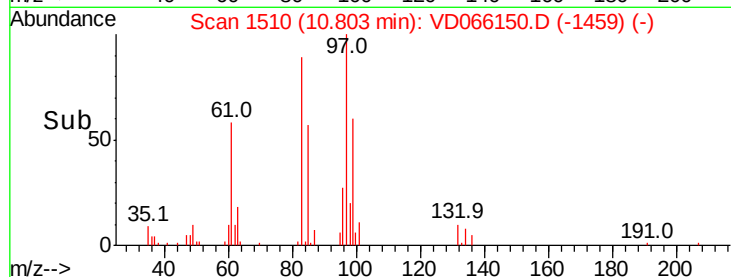
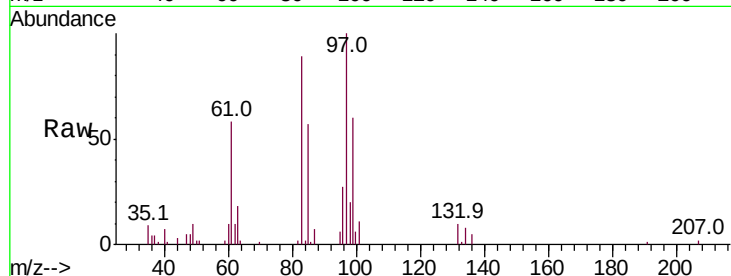
Ion	Ratio	Lower	Upper
97	100		
83	89.0	63.9	95.9
85	56.7	42.5	63.7
99	59.6	47.4	71.0

97 100

83 89.0 63.9 95.9

85 56.7 42.5 63.7

99 59.6 47.4 71.0

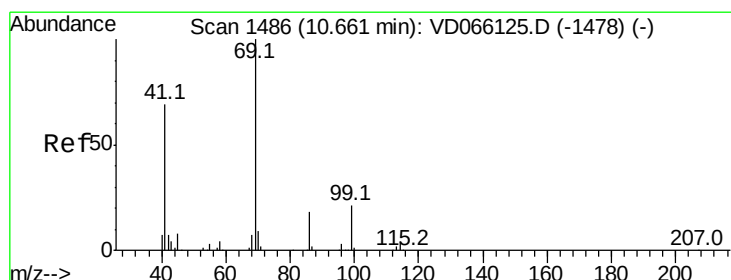
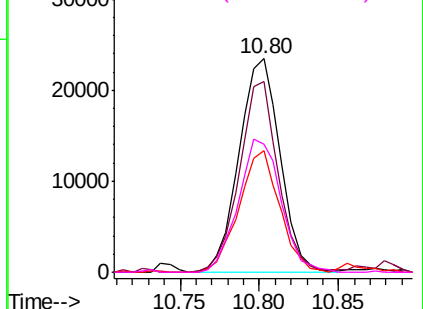


Abundance Ion 96.90 (96.60 to 97.60): VDC

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: 17.663 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

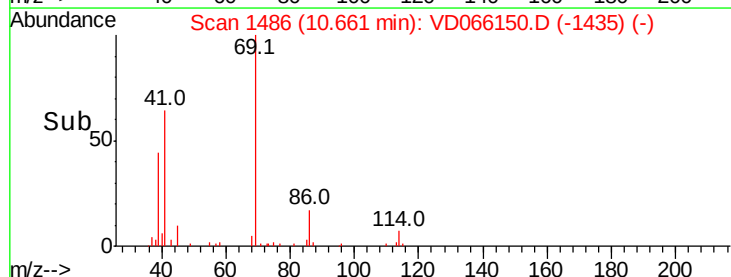
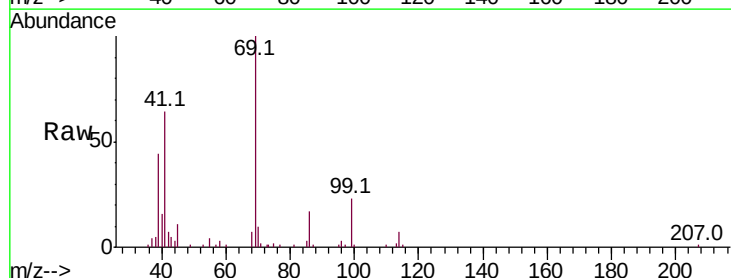
Tgt Ion: 69 Resp: 48832

Ion	Ratio	Lower	Upper
69	100		
41	66.8	54.1	81.1
39	35.9	28.6	43.0

69 100

41 66.8 54.1 81.1

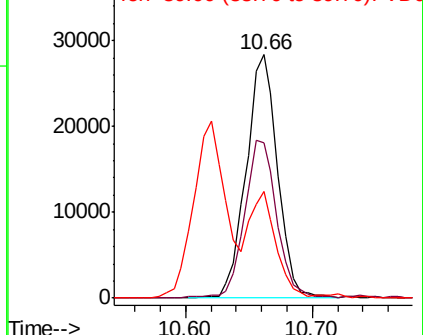
39 35.9 28.6 43.0

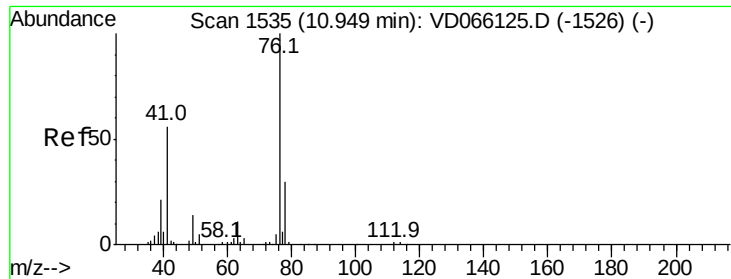


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 18.598 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

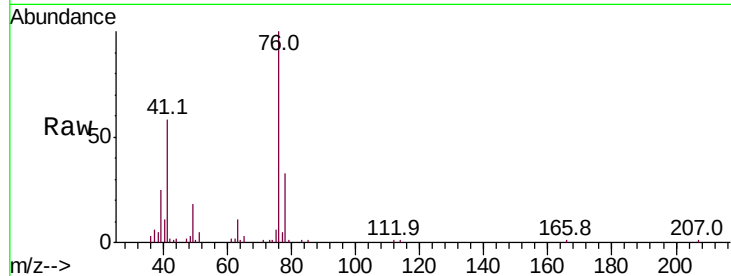
VD0807SBS01

Tot Ion: 76 Resp: 71056

Ion Ratio Lower Upper

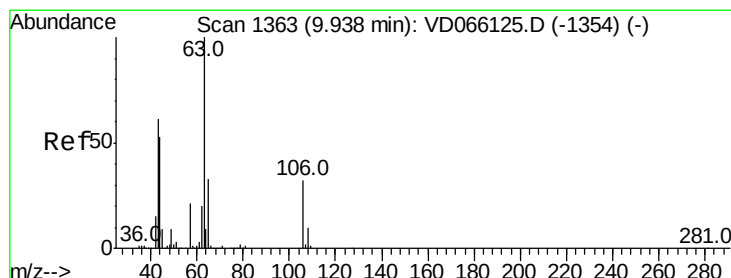
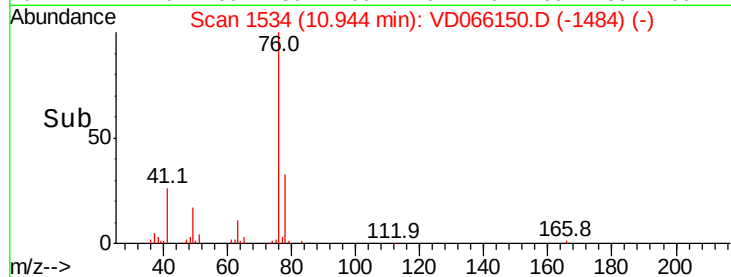
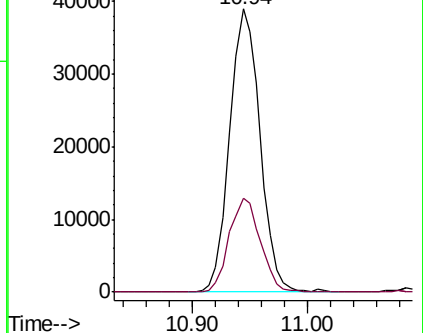
76 100

78 34.0 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 99.449 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066150.D

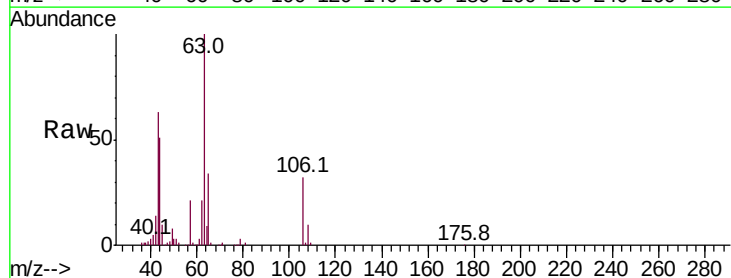
Acq: 07 Aug 2020 11:45

Tgt Ion: 63 Resp: 123674

Ion Ratio Lower Upper

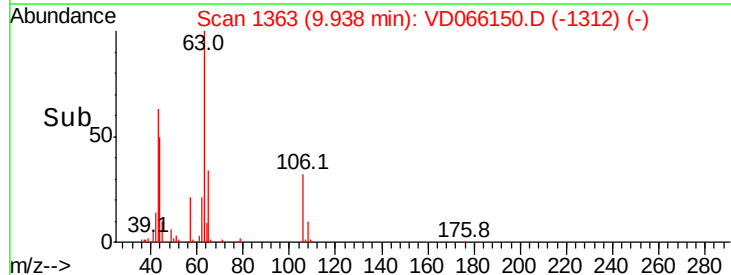
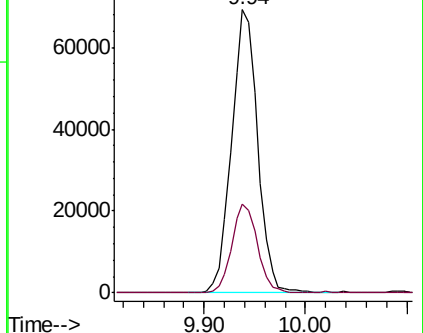
63 100

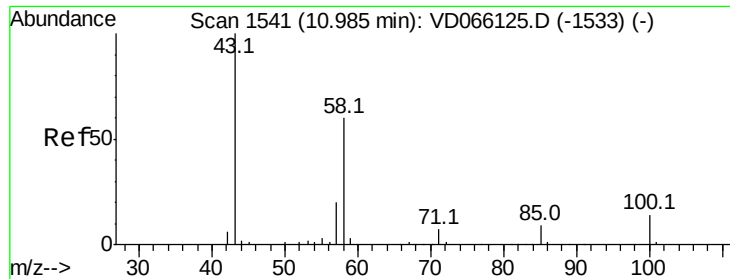
106 30.8 25.3 37.9



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 105.90 (105.60 to 106.60): VDC

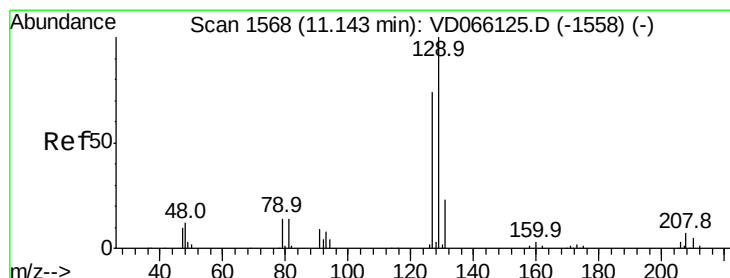
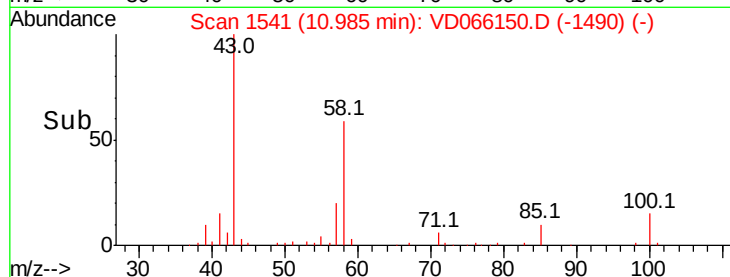
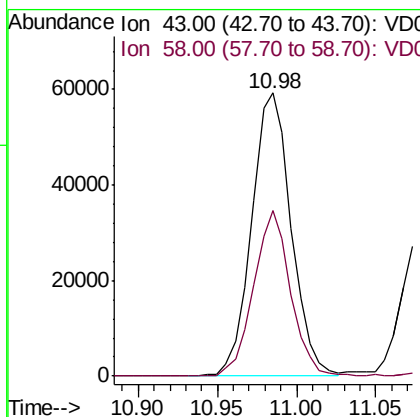
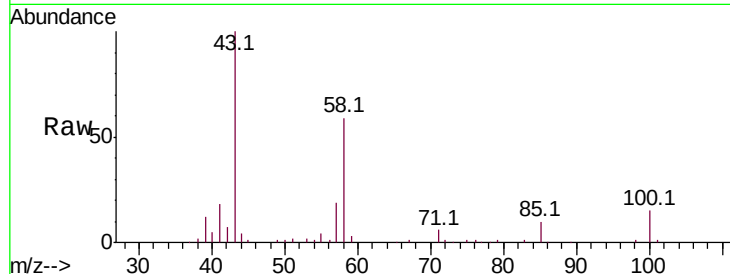




#59
2-Hexanone
Concen: 85.285 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

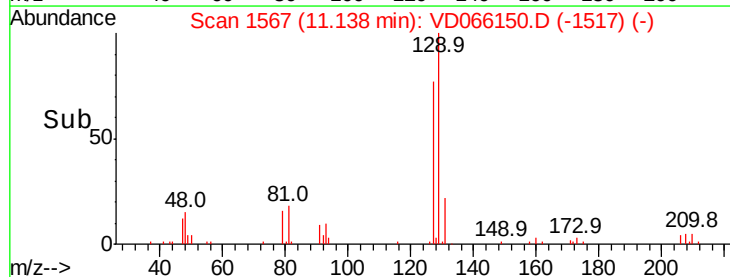
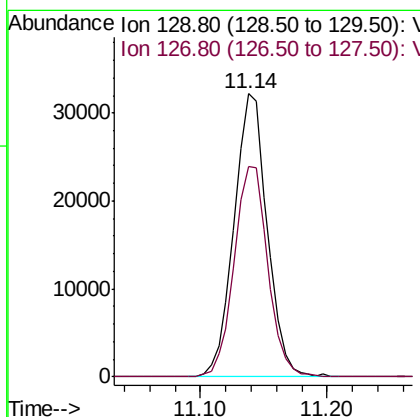
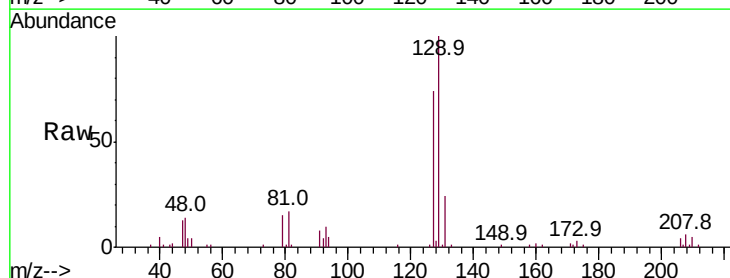
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

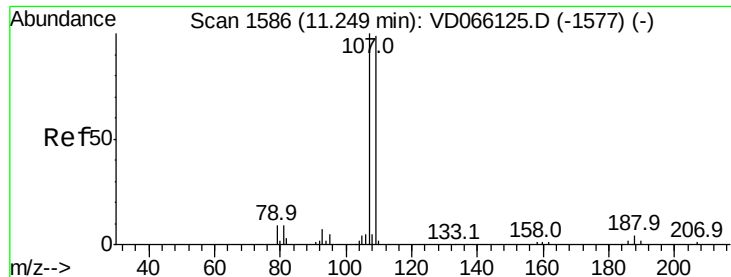
Tot Ion: 43 Resp: 102646
Ion Ratio Lower Upper
43 100
58 54.8 27.8 83.4



#60
Dibromochloromethane
Concen: 18.293 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion:129 Resp: 58123
Ion Ratio Lower Upper
129 100
127 75.7 38.0 114.1

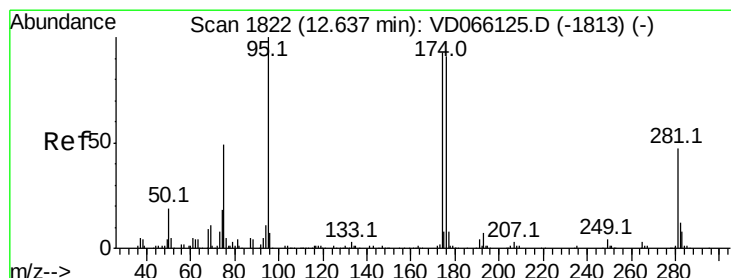
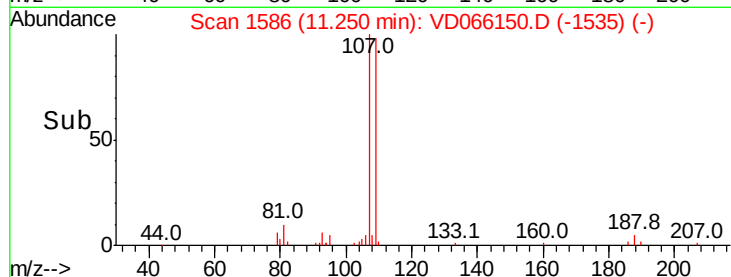
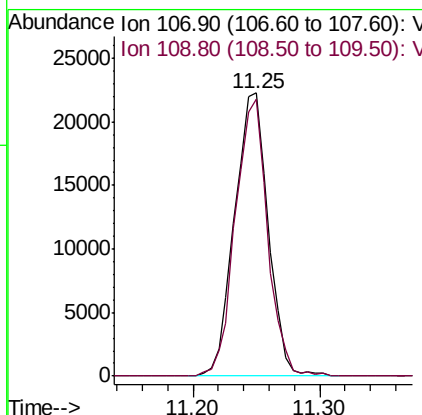
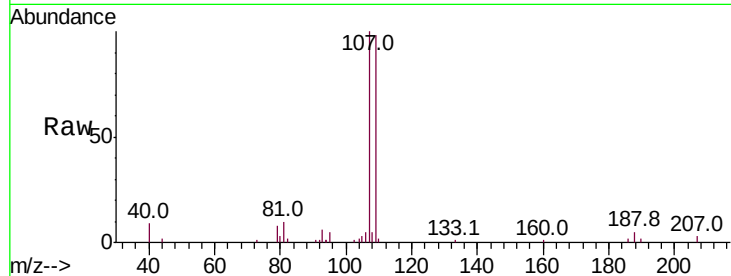




#61
 1,2-Dibromoethane
 Concen: 18.519 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

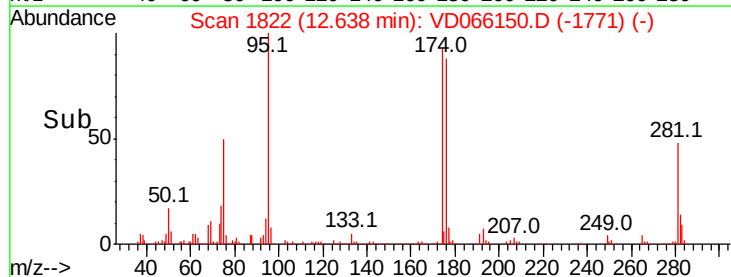
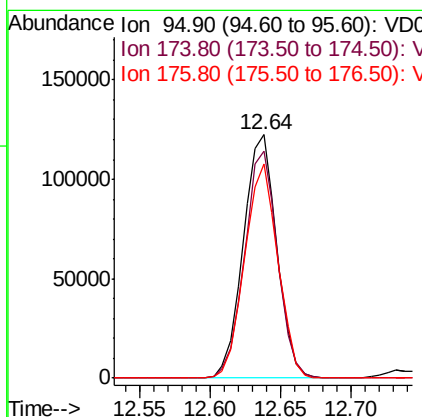
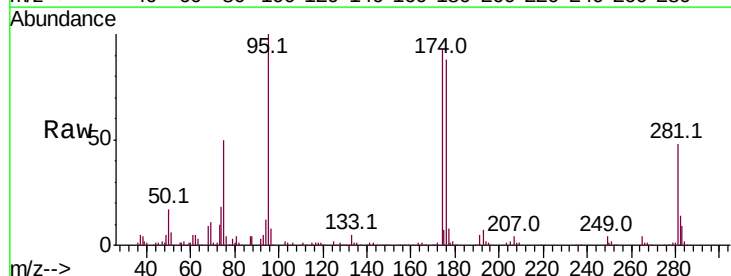
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

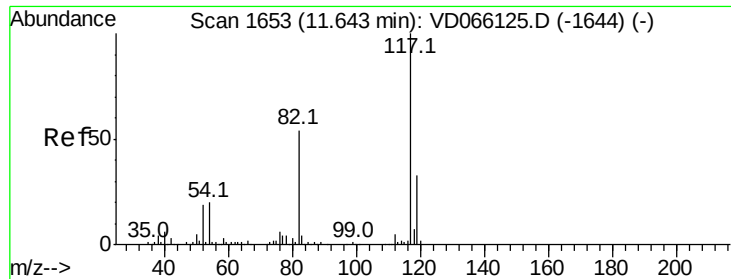
Tot Ion:107 Resp: 40988
 Ion Ratio Lower Upper
 107 100
 109 93.7 76.5 114.7



#62
 4-Bromofluorobenzene
 Concen: 53.102 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion: 95 Resp: 203651
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 180.8
 176 87.2 0.0 181.2

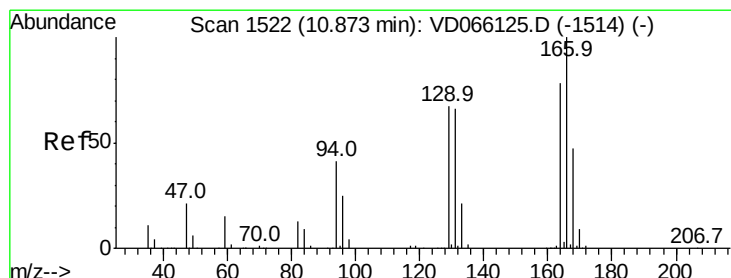
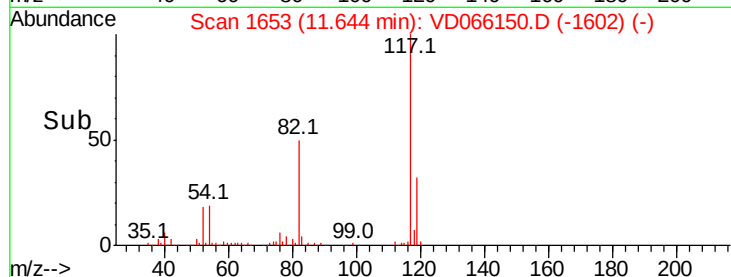
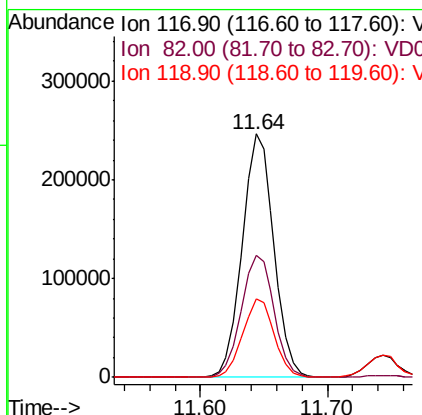
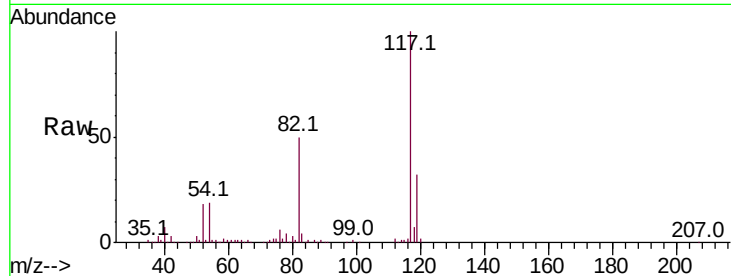




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

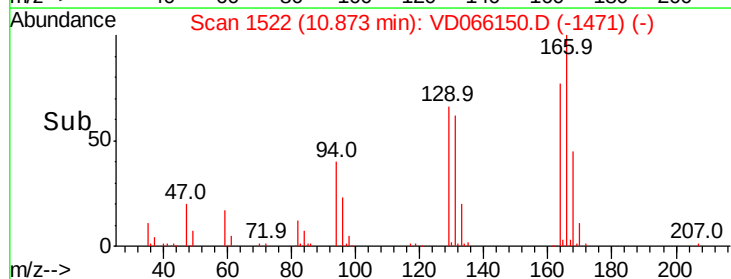
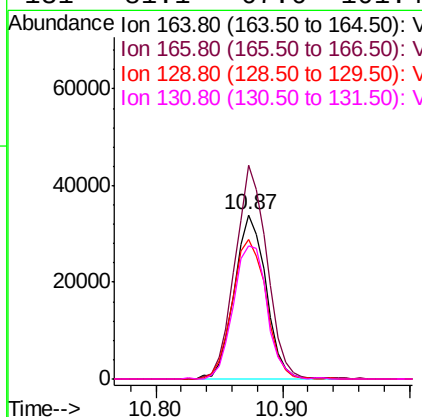
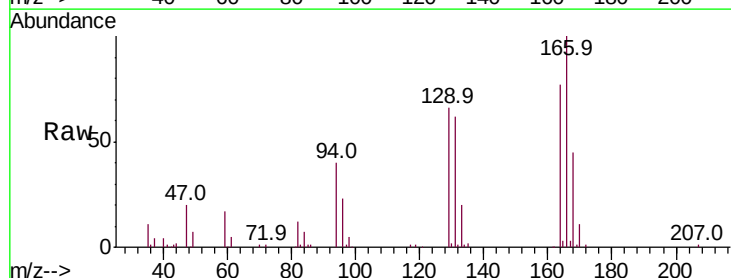
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

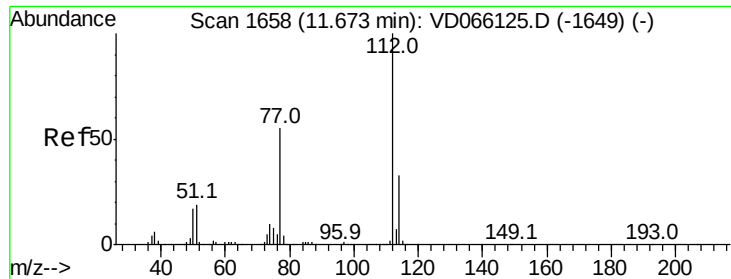
Tot Ion:117 Resp: 426131
Ion Ratio Lower Upper
117 100
82 50.2 43.0 64.4
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 17.950 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion:164 Resp: 58737
Ion Ratio Lower Upper
164 100
166 130.1 101.9 152.9
129 85.3 68.1 102.1
131 81.1 67.6 101.4

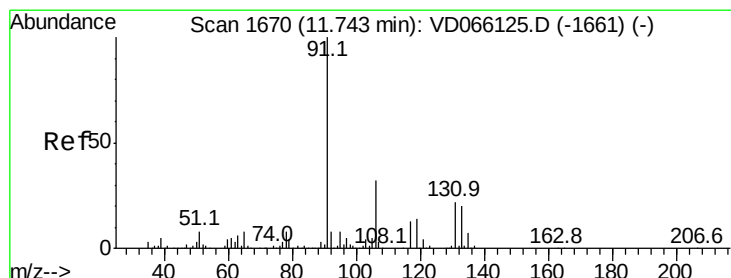
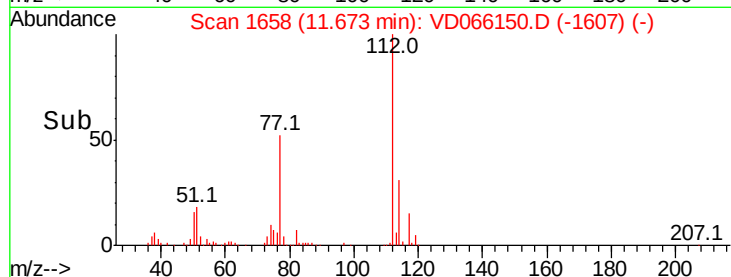
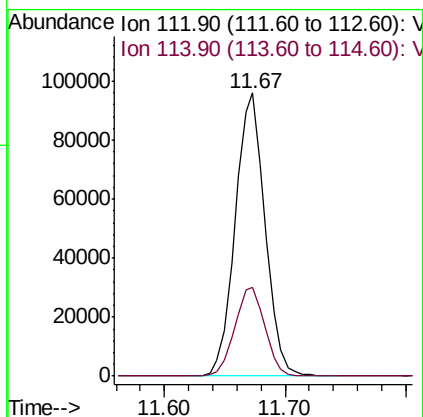
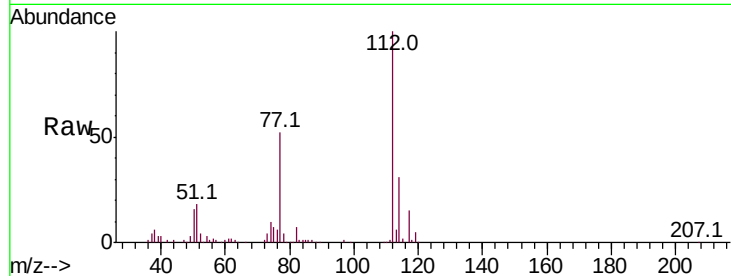




#65
Chlorobenzene
Concen: 19.041 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

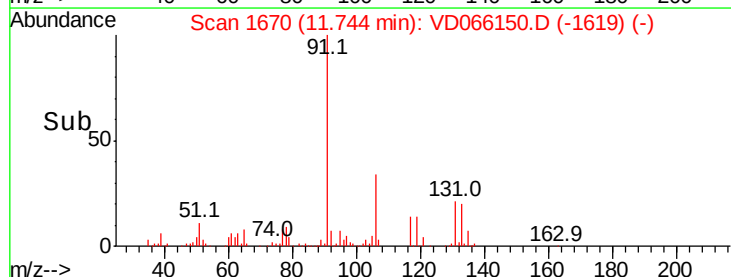
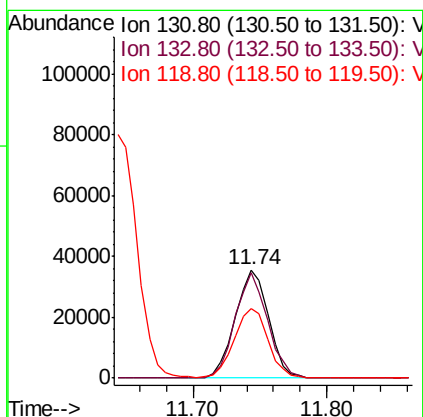
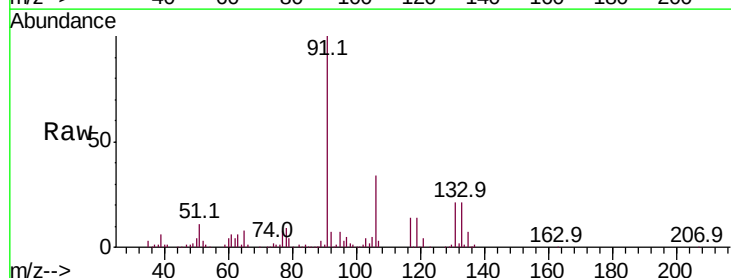
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

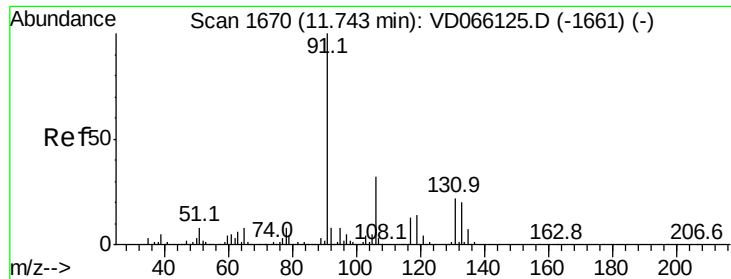
Tot Ion:112 Resp: 164715
Ion Ratio Lower Upper
112 100
114 31.2 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.191 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion:131 Resp: 61571
Ion Ratio Lower Upper
131 100
133 95.2 47.1 141.4
119 65.3 31.6 94.7

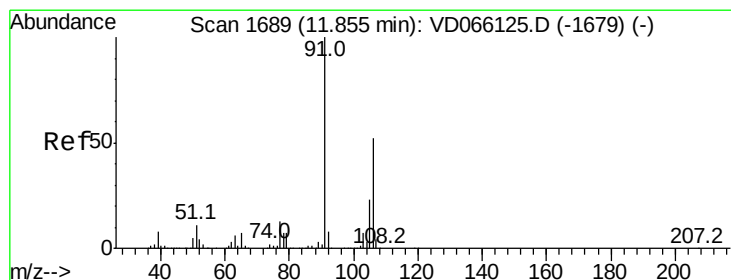
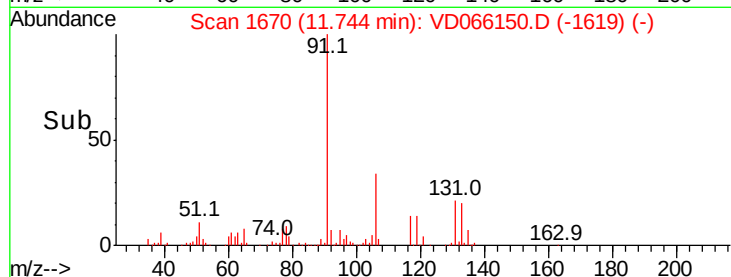
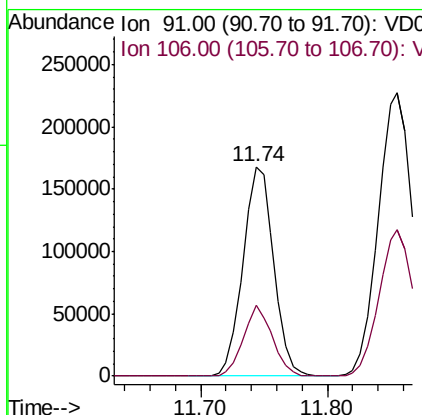
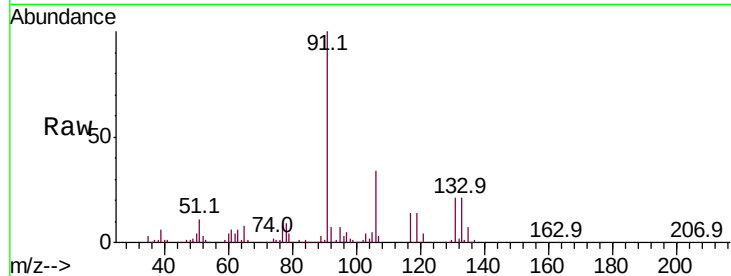




#67
Ethyl Benzene
Concen: 18.833 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

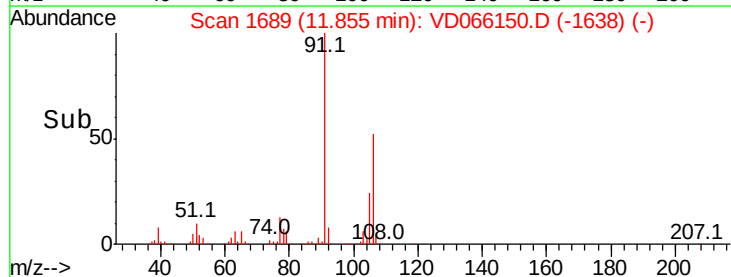
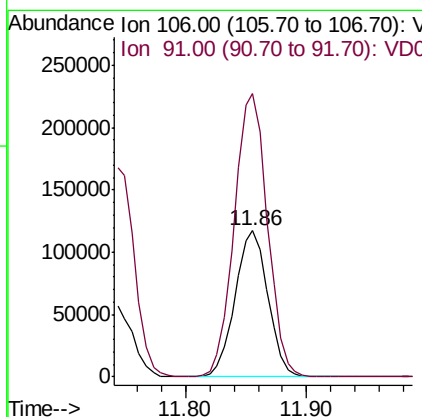
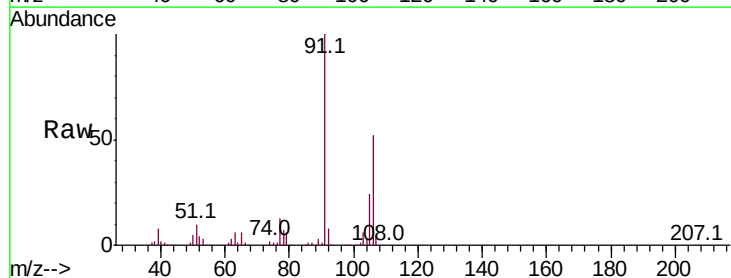
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

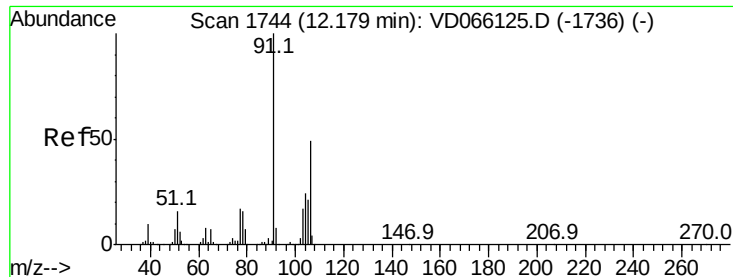
Tot Ion: 91 Resp: 282313
Ion Ratio Lower Upper
91 100
106 34.2 25.7 38.5



#68
m/p-Xylenes
Concen: 38.279 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 106 Resp: 222325
Ion Ratio Lower Upper
106 100
91 196.0 156.6 235.0

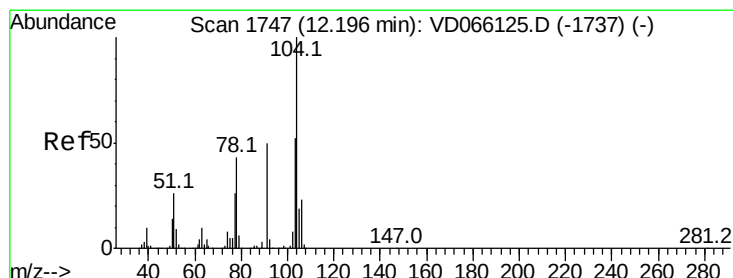
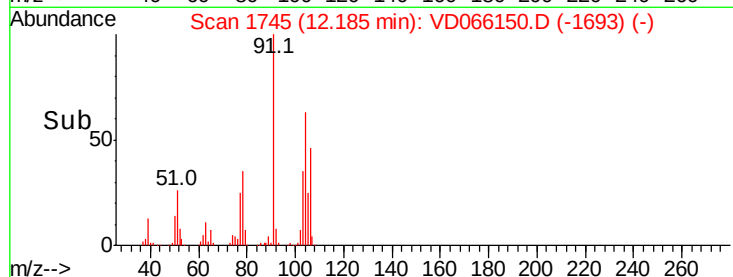
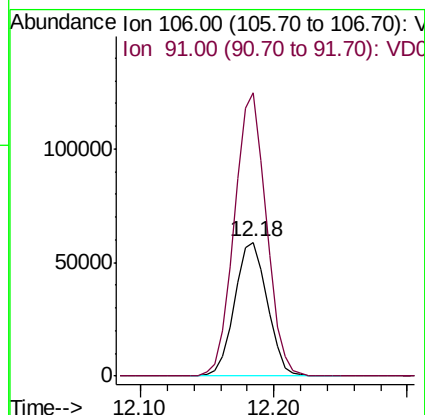
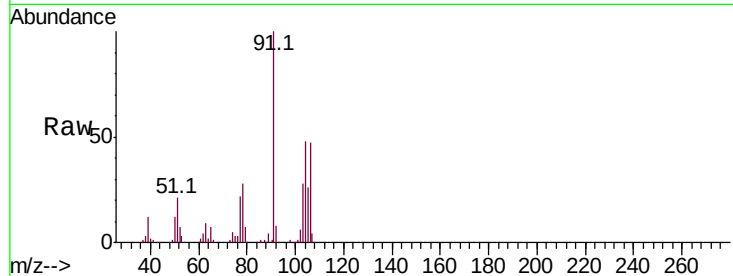




#69
o-Xylene
Concen: 18.948 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

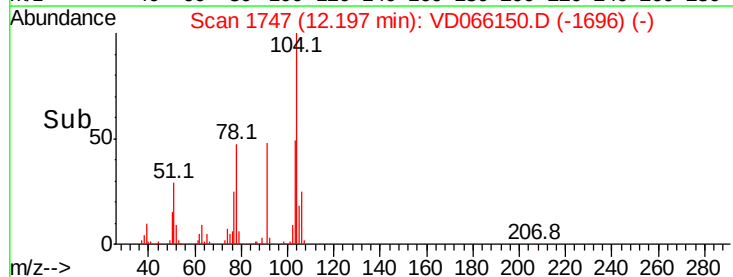
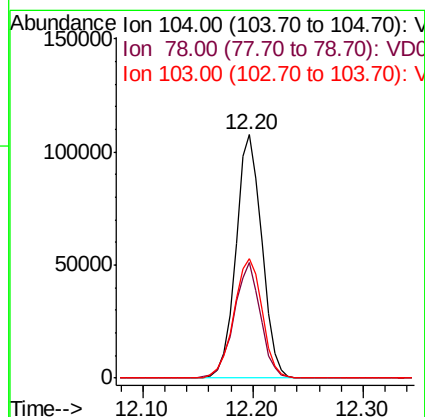
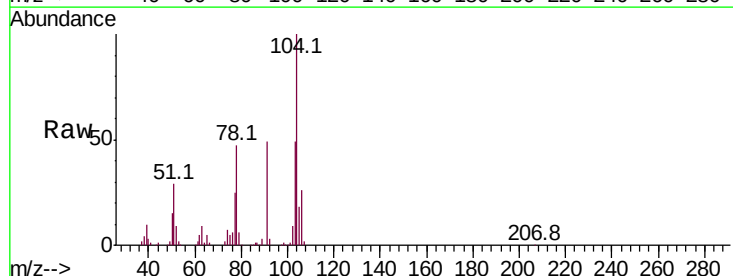
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

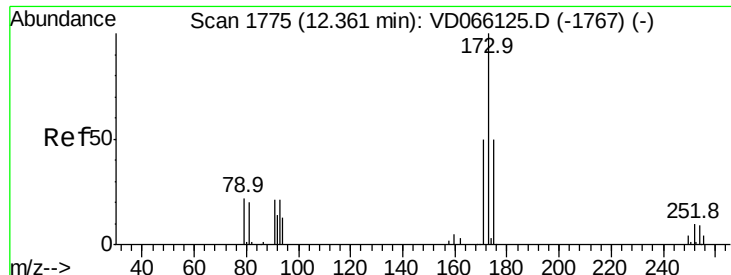
Tot Ion:106 Resp: 100110
Ion Ratio Lower Upper
106 100
91 207.1 105.7 317.1



#70
Styrene
Concen: 19.170 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion:104 Resp: 177499
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 53.7 44.1 66.1





#71

Bromoform

Concen: 17.743 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

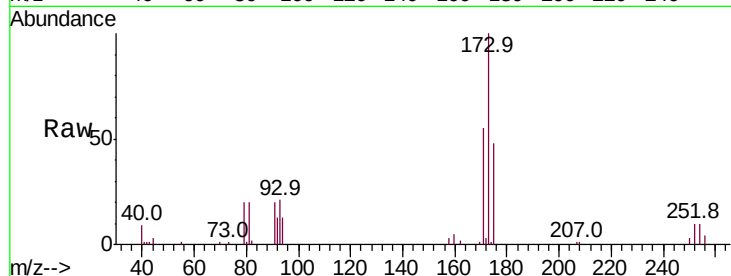
Tot Ion:173 Resp: 35582

Ion Ratio Lower Upper

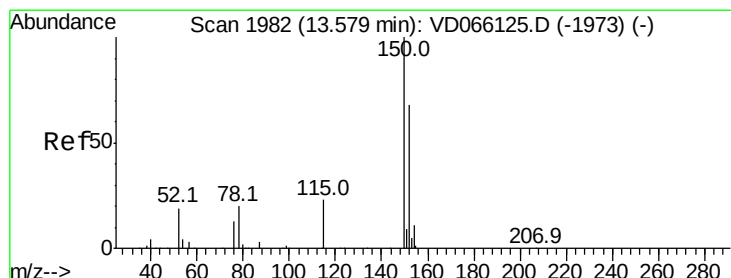
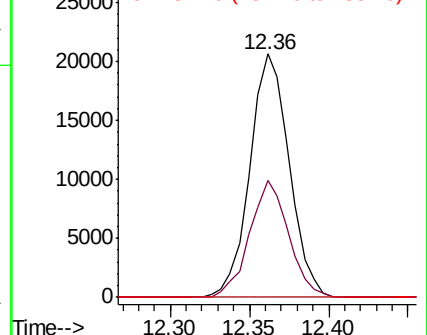
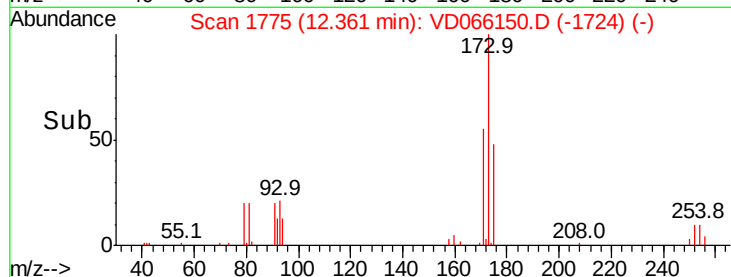
173 100

175 47.5 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# 1983

Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

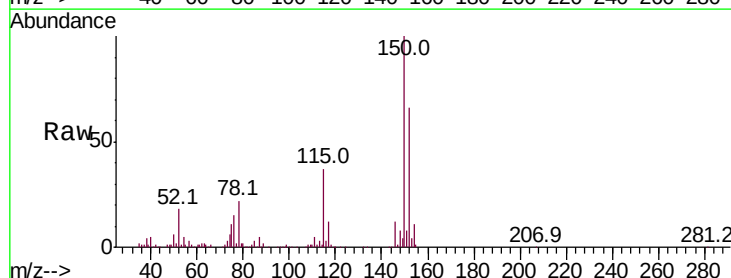
Tgt Ion:152 Resp: 220002

Ion Ratio Lower Upper

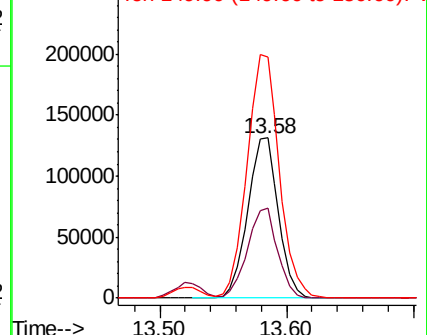
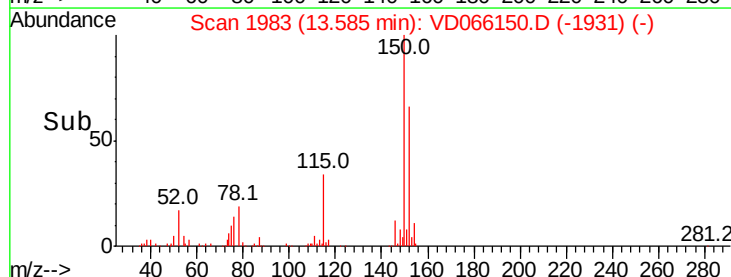
152 100

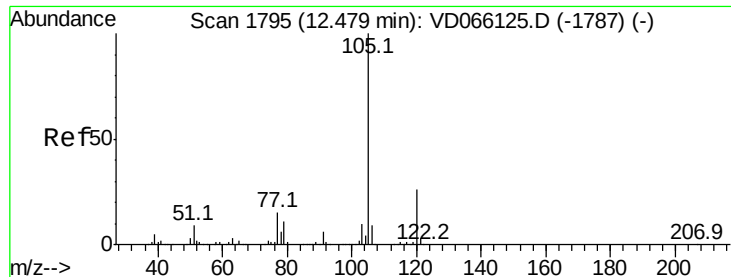
115 55.1 28.0 83.9

150 160.1 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: 18.740 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

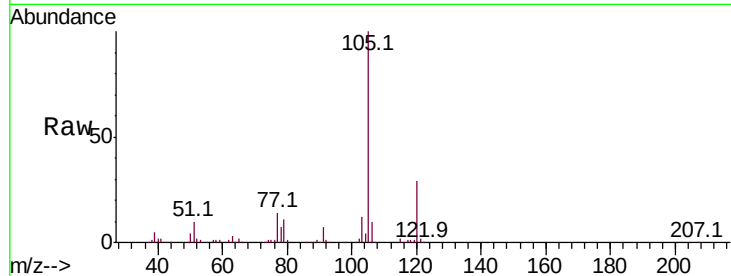
VD0807SBS01

Tot Ion:105 Resp: 275215

Ion Ratio Lower Upper

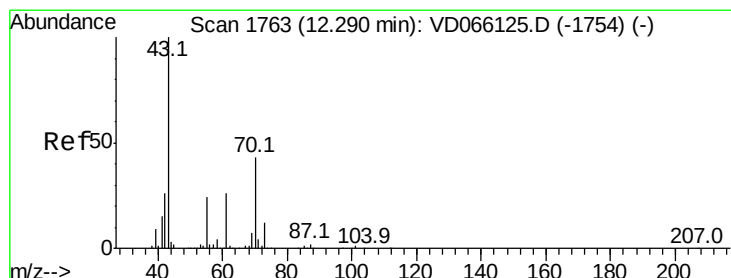
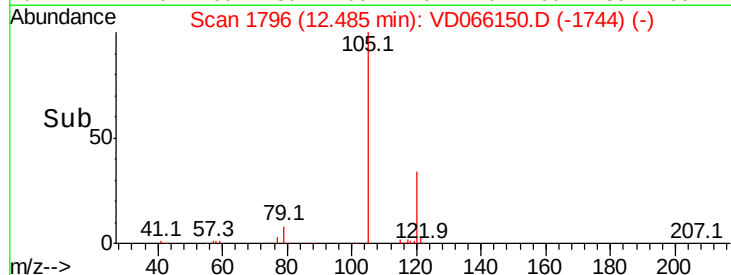
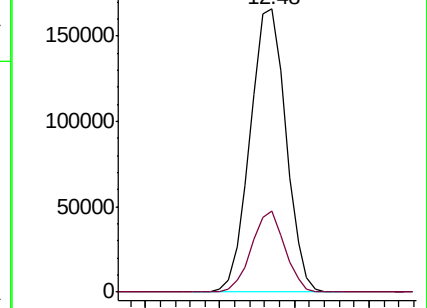
105 100

120 26.5 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.510 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion: 43 Resp: 56625

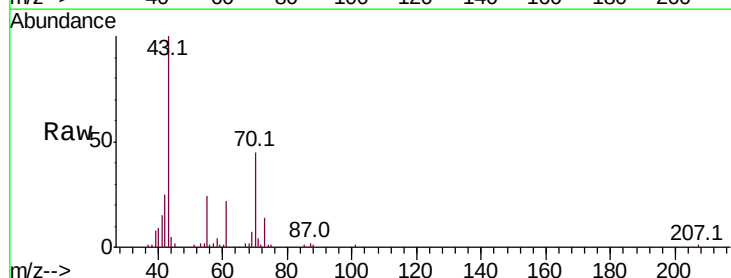
Ion Ratio Lower Upper

43 100

70 44.7 34.9 52.3

55 26.1 19.2 28.8

61 23.5 19.7 29.5

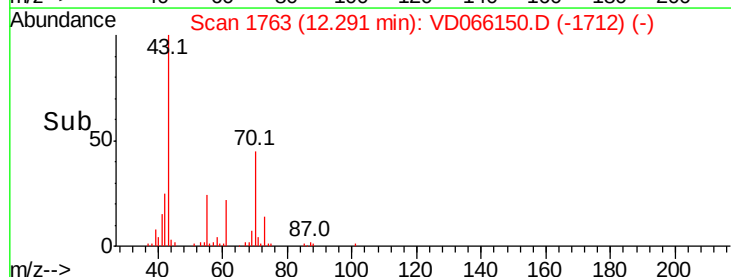
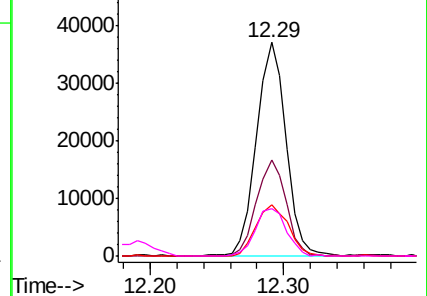


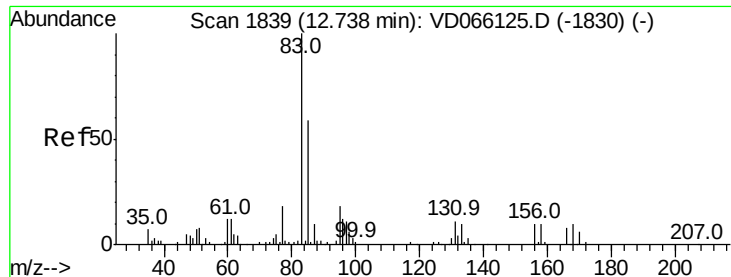
Abundance Ion 43.00 (42.70 to 43.70): V

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





#75

1,1,2,2-Tetrachloroethane

Concen: 17.778 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

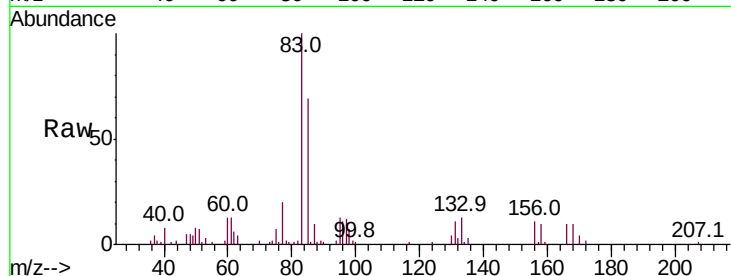
Tot Ion: 83 Resp: 44519

Ion Ratio Lower Upper

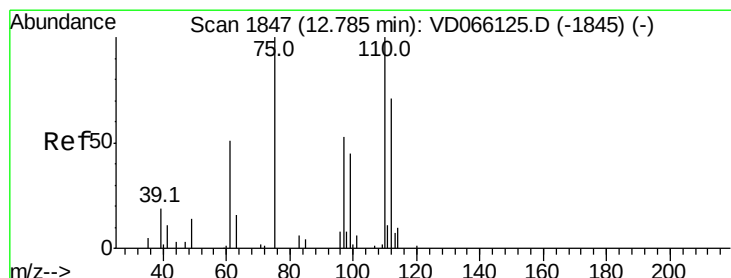
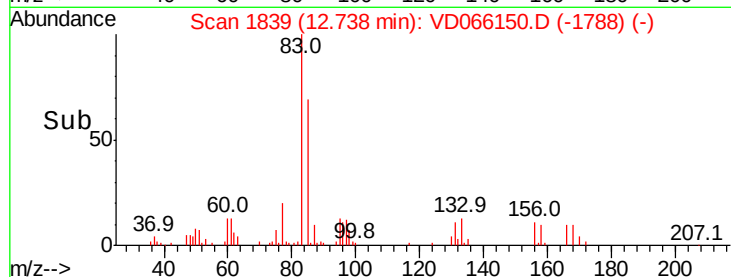
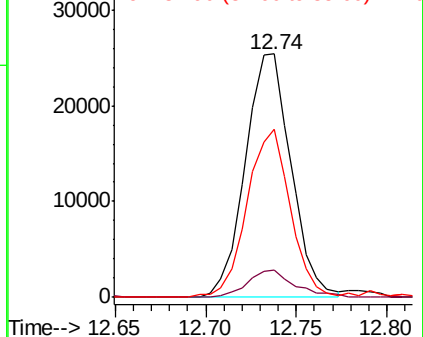
83 100

131 11.6 6.2 18.6

85 65.2 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: 31.795 ug/l

RT: 12.79 min Scan# 1848

Delta R.T. 0.01 min

Lab File: VD066150.D

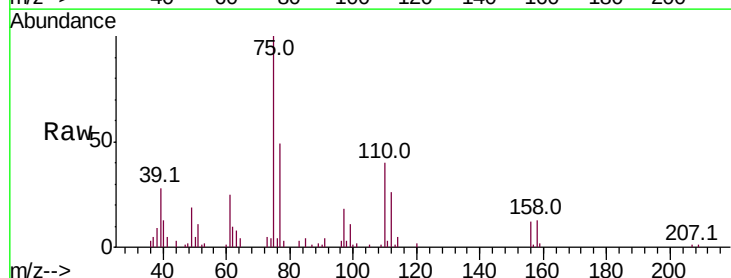
Acq: 07 Aug 2020 11:45

Tgt Ion: 75 Resp: 58333

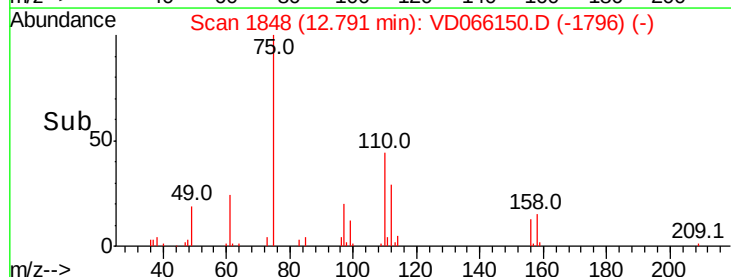
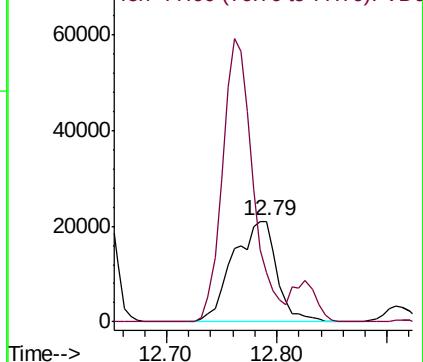
Ion Ratio Lower Upper

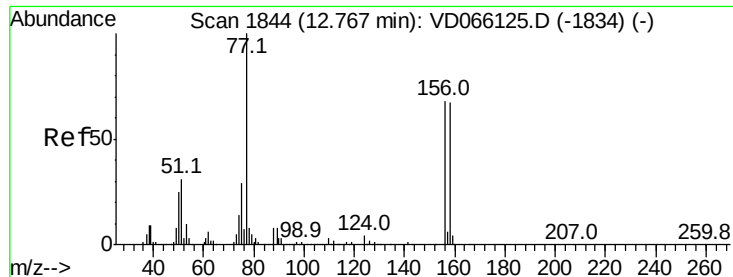
75 100

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: 18.582 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

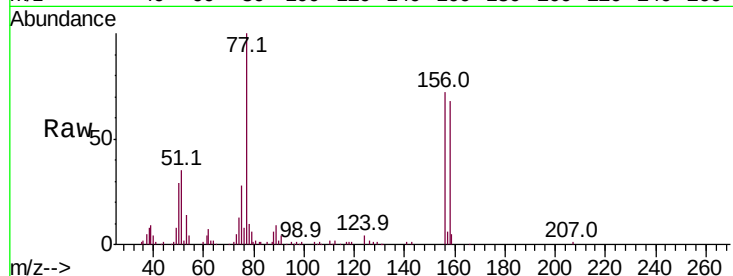
Tot Ion:156 Resp: 70248

Ion Ratio Lower Upper

156 100

77 163.7 81.0 243.1

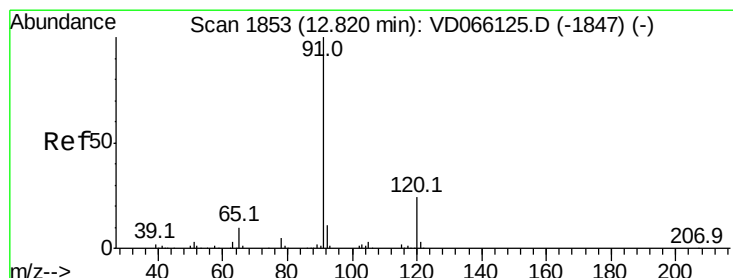
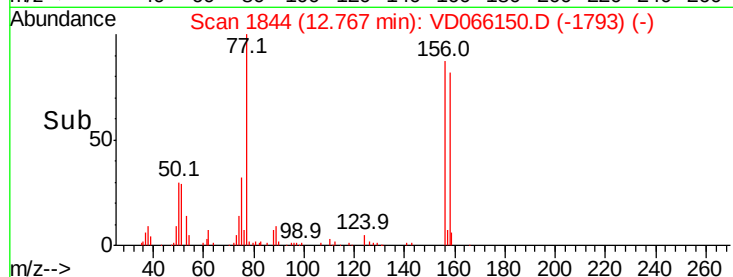
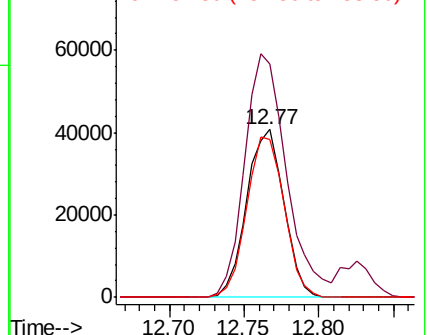
158 96.3 48.8 146.3



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: 18.956 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.01 min

Lab File: VD066150.D

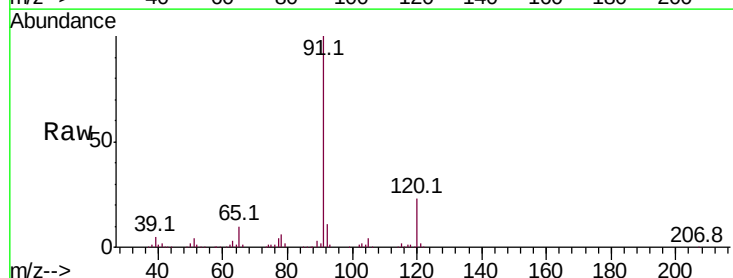
Acq: 07 Aug 2020 11:45

Tgt Ion: 91 Resp: 323596

Ion Ratio Lower Upper

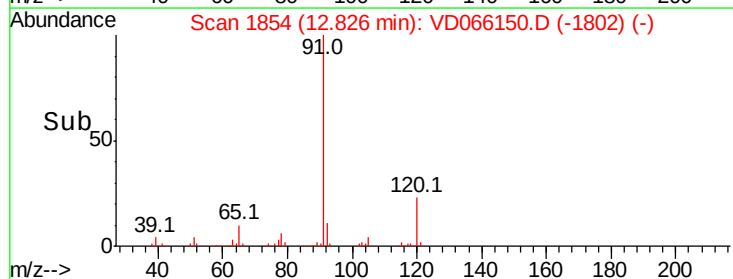
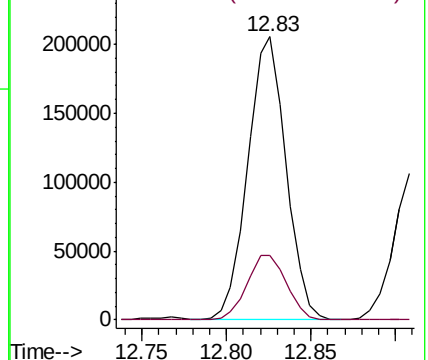
91 100

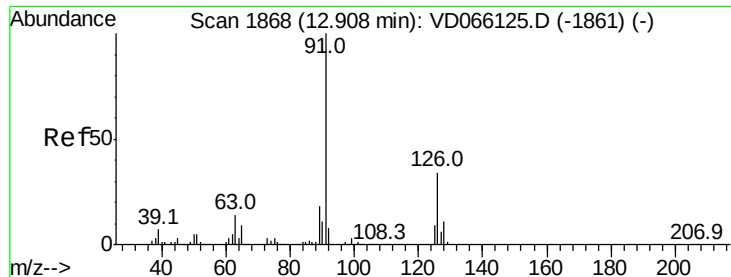
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.888 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. 0.01 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

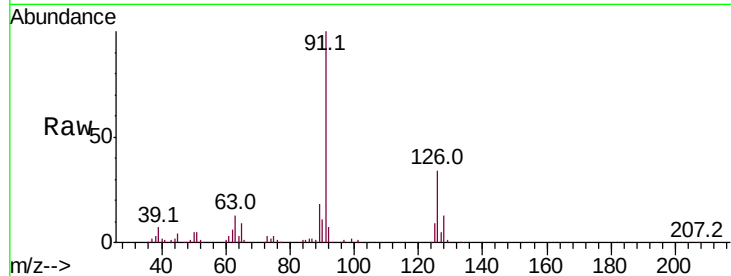
VD0807SBS01

Tot Ion: 91 Resp: 184409

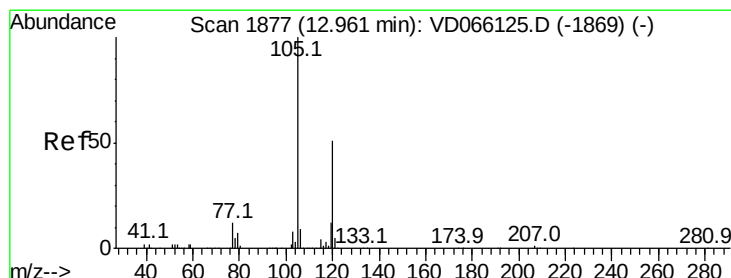
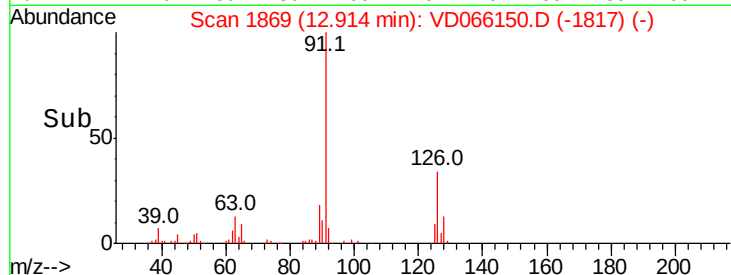
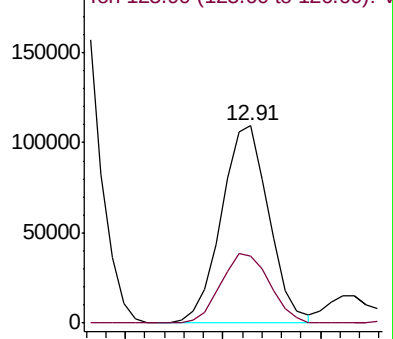
Ion Ratio Lower Upper

91 100

126 36.2 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VD066150.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.044 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066150.D

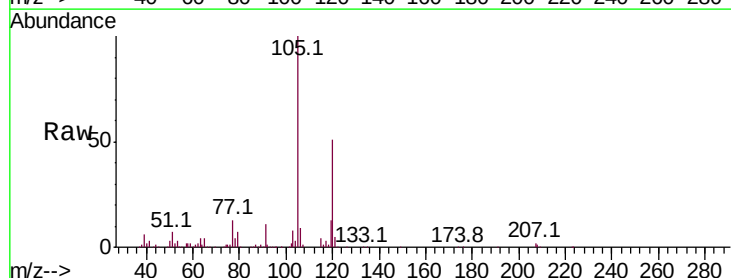
Acq: 07 Aug 2020 11:45

Tgt Ion:105 Resp: 233891

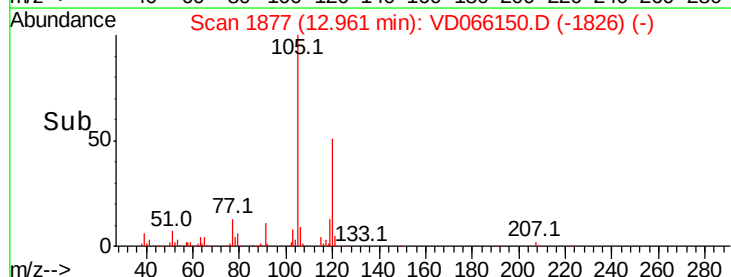
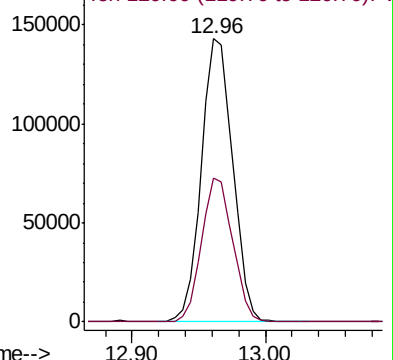
Ion Ratio Lower Upper

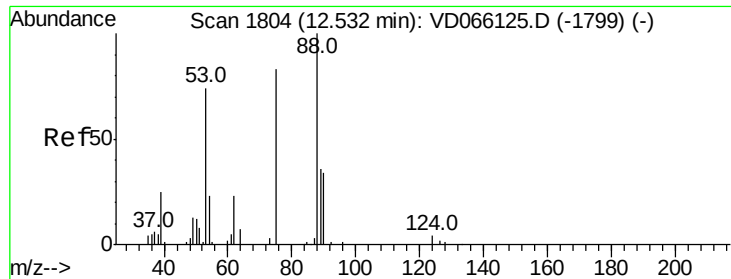
105 100

120 50.5 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VD066150.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.238 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

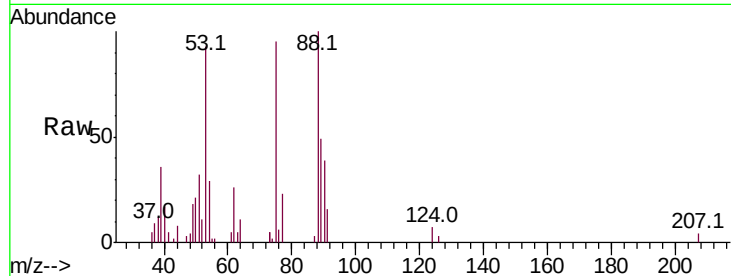
Tot Ion: 75 Resp: 14307

Ion Ratio Lower Upper

75 100

53 94.0 73.4 110.2

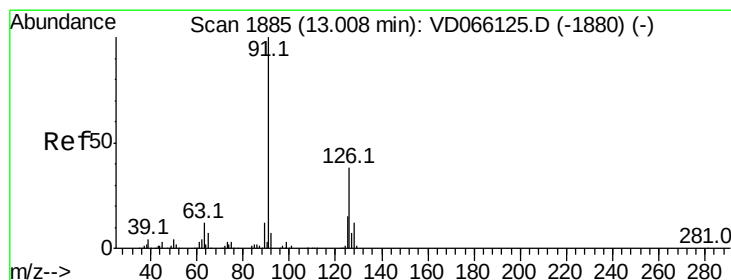
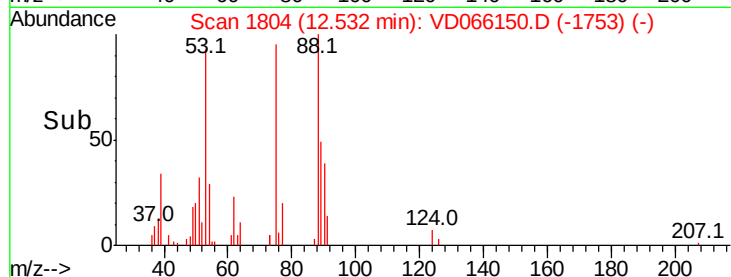
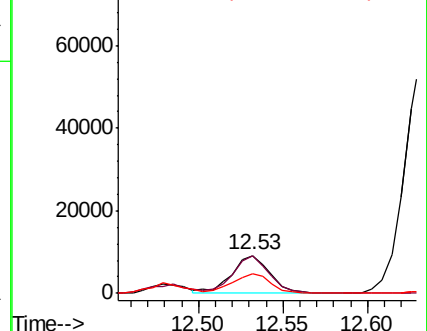
89 51.8 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 19.089 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066150.D

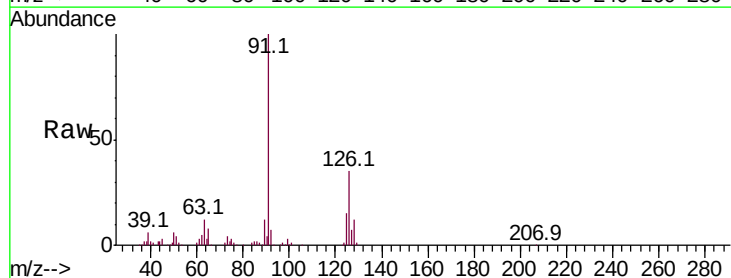
Acq: 07 Aug 2020 11:45

Tgt Ion: 91 Resp: 196747

Ion Ratio Lower Upper

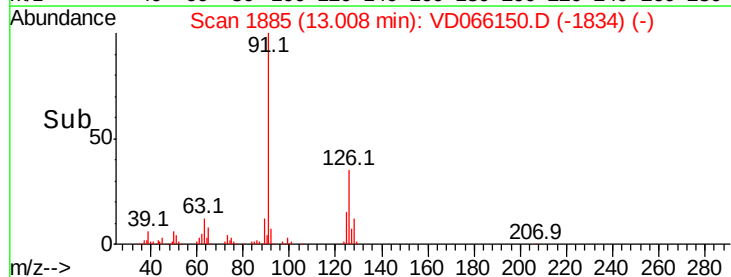
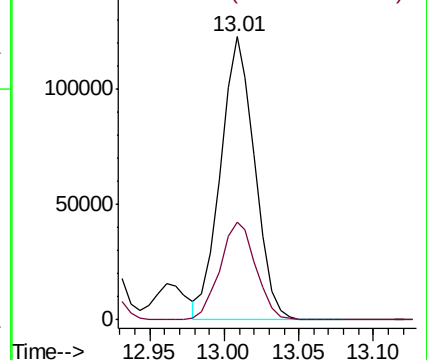
91 100

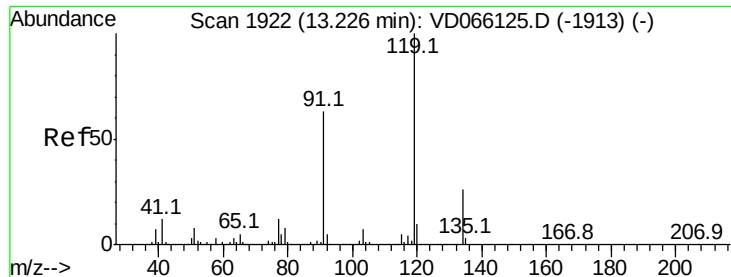
126 36.3 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.531 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

VD0807SBS01

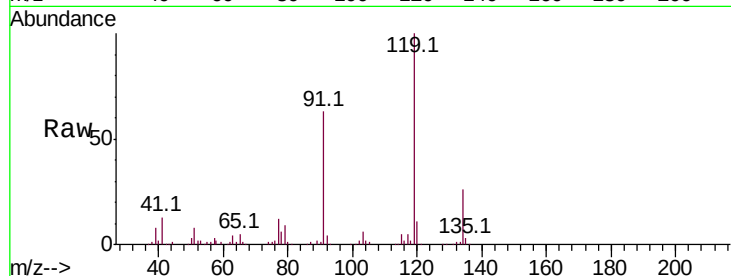
Tot Ion:119 Resp: 200152

Ion Ratio Lower Upper

119 100

91 62.1 30.8 92.4

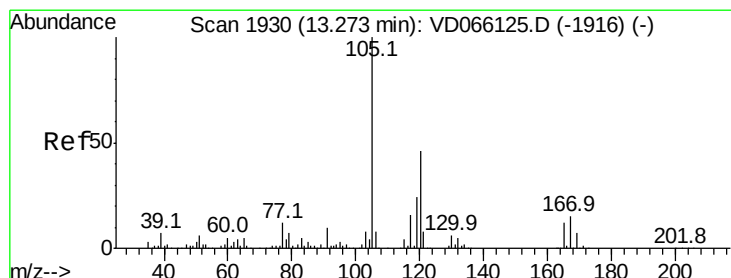
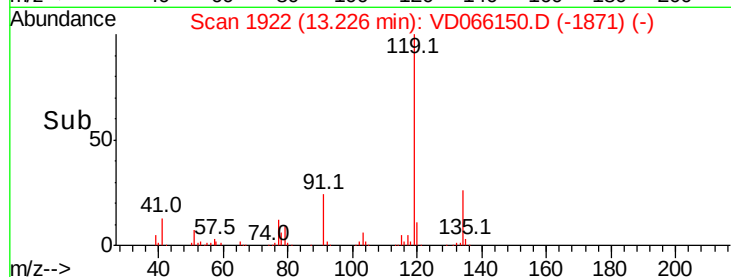
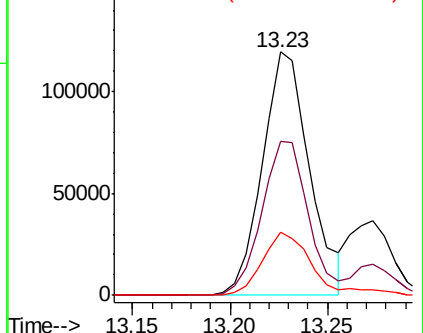
134 27.7 13.6 40.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.747 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD066150.D

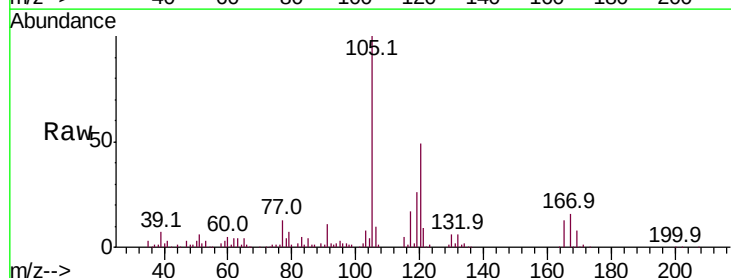
Acq: 07 Aug 2020 11:45

Tgt Ion:105 Resp: 230427

Ion Ratio Lower Upper

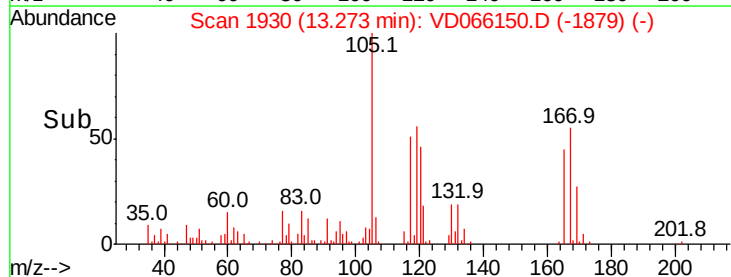
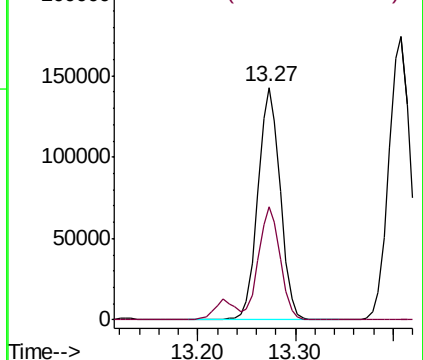
105 100

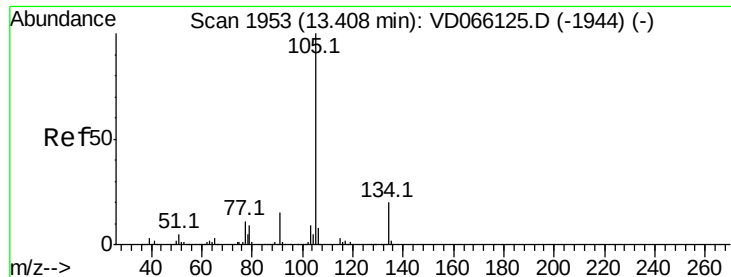
120 47.4 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.664 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :

MSVOA_D

ClientSampleId :

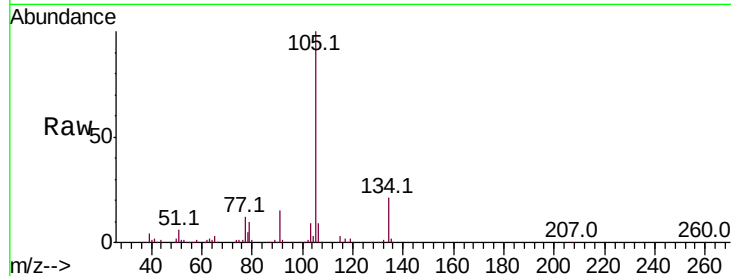
VD0807SBS01

Tot Ion:105 Resp: 272166

Ion Ratio Lower Upper

105 100

134 21.6 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.41

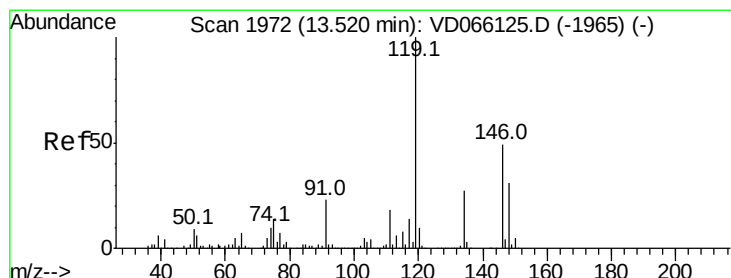
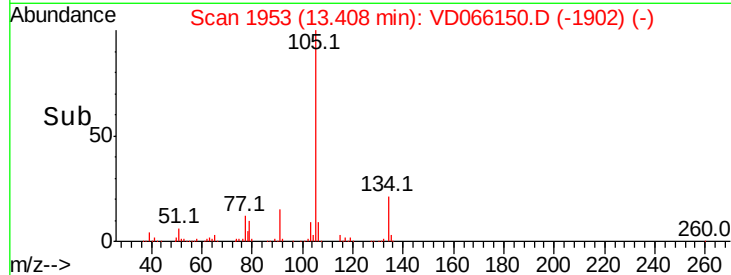
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 18.775 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

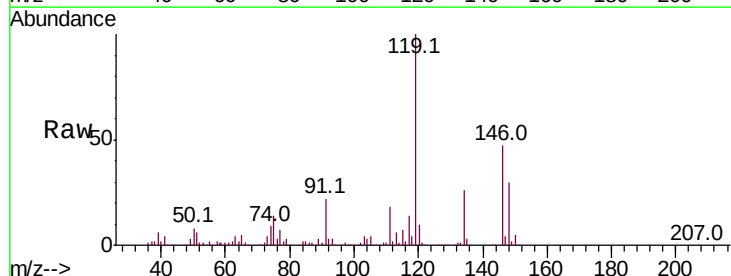
Tgt Ion:119 Resp: 256790

Ion Ratio Lower Upper

119 100

134 26.7 13.5 40.4

91 22.8 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.52

200000

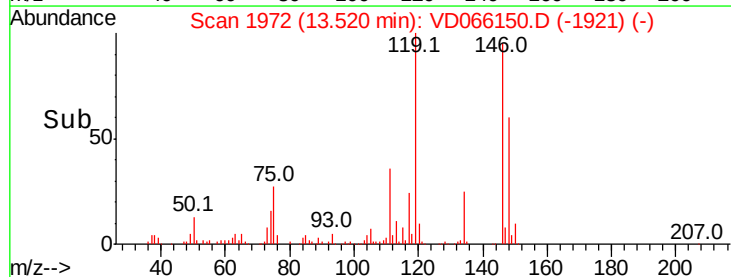
150000

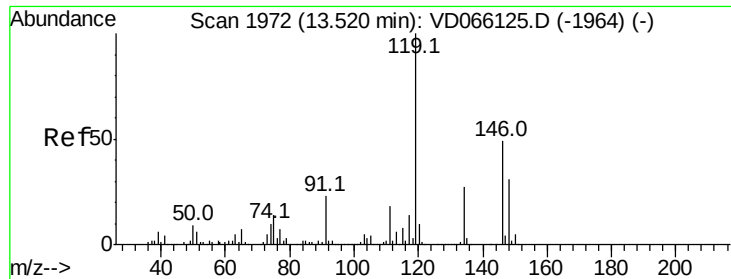
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 18.820 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

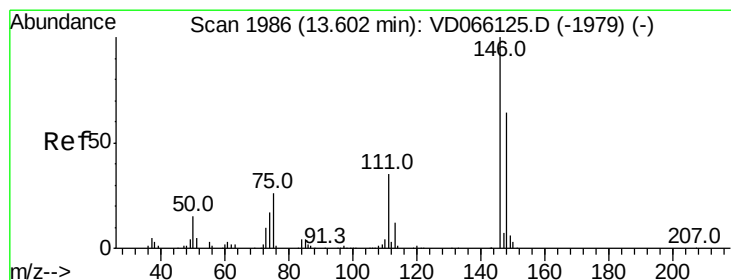
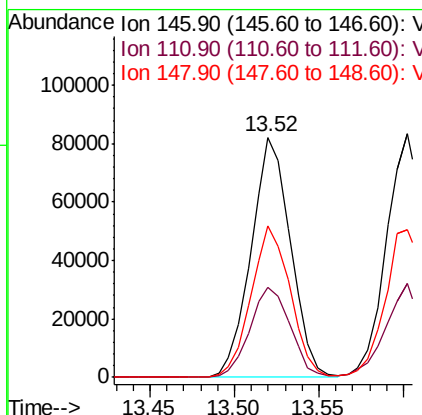
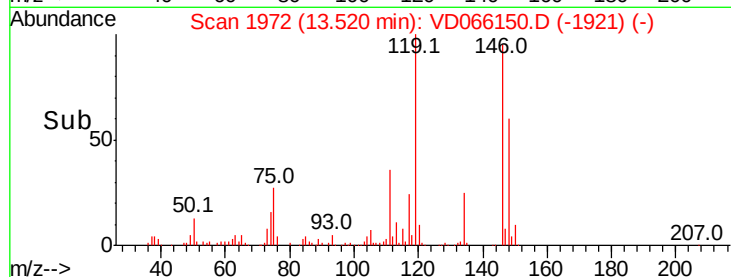
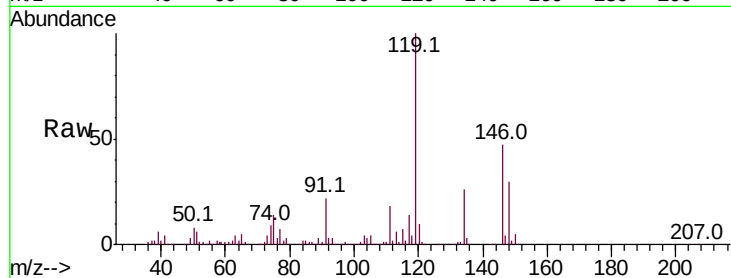
Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion:146 Resp: 133717

Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	62.8	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 18.602 ug/l

RT: 13.60 min Scan# 1986

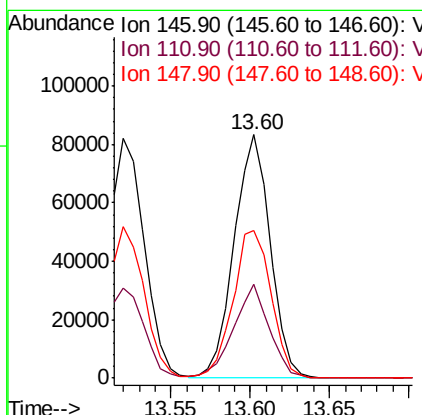
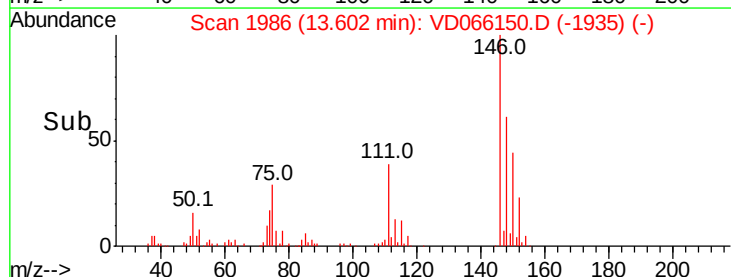
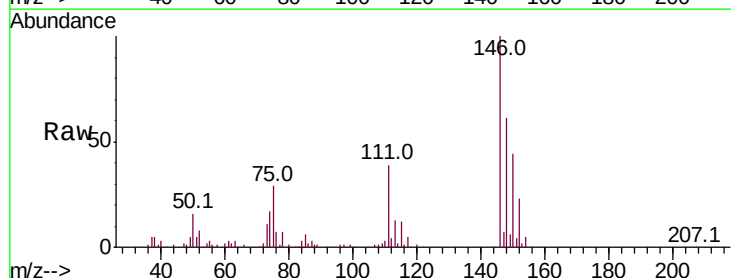
Delta R.T. 0.00 min

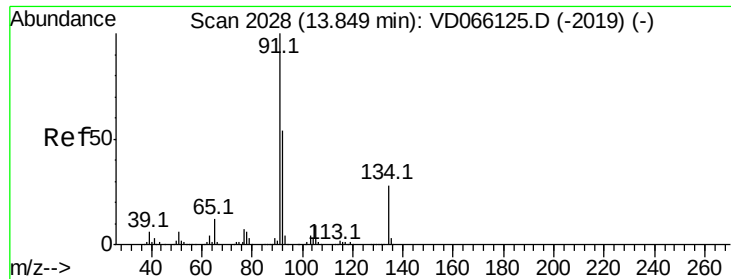
Lab File: VD066150.D

Acq: 07 Aug 2020 11:45

Tgt Ion:146 Resp: 131807

Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.6	55.8
148	64.2	32.4	97.0

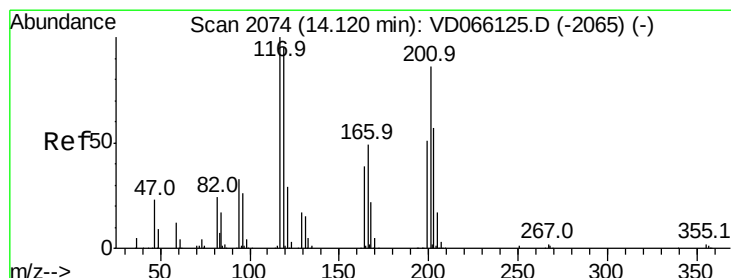
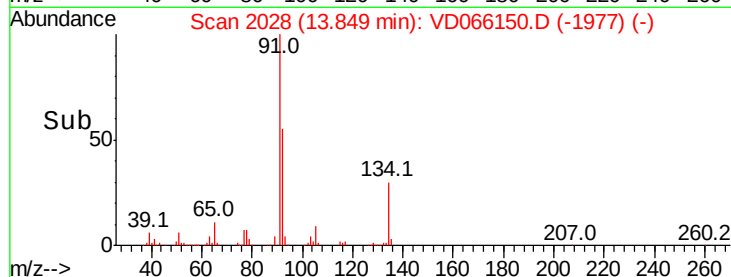
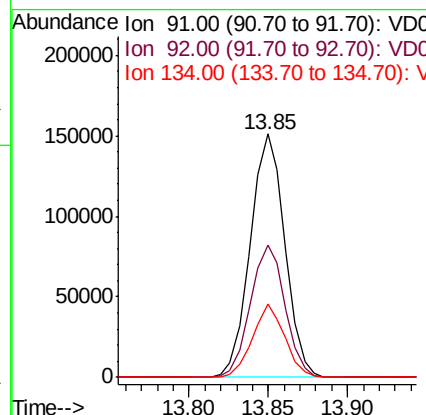
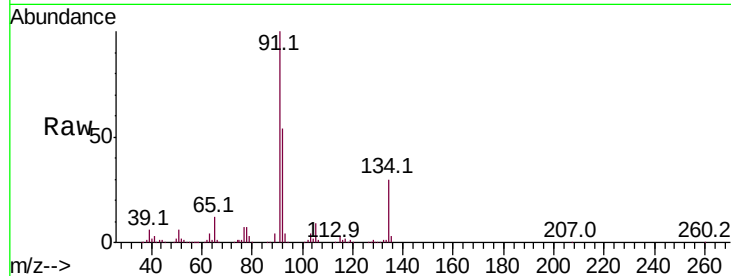




#89
n-Butylbenzene
Concen: 18.703 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

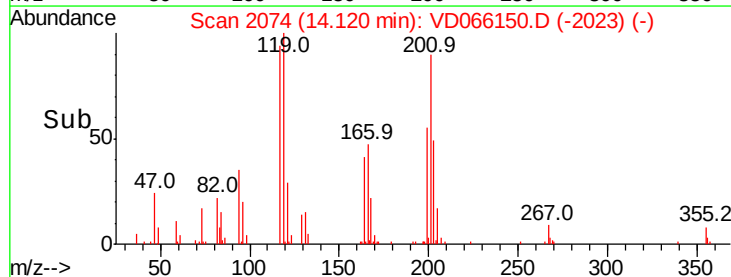
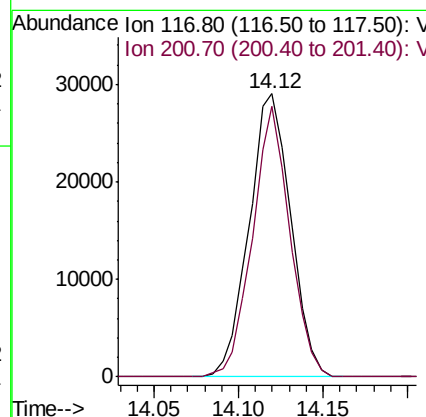
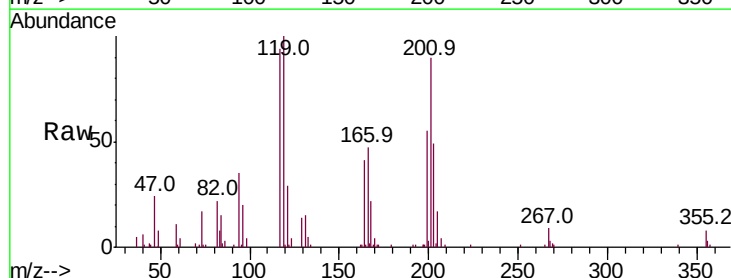
Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

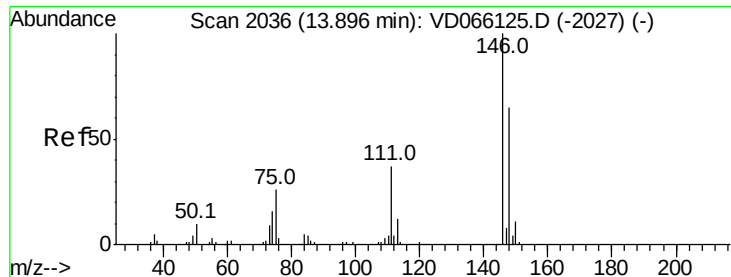
Tot Ion: 91 Resp: 229198
Ion Ratio Lower Upper
91 100
92 54.3 26.8 80.3
134 28.1 14.0 41.9



#90
Hexachloroethane
Concen: 18.279 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion: 117 Resp: 49862
Ion Ratio Lower Upper
117 100
201 85.4 42.7 128.1

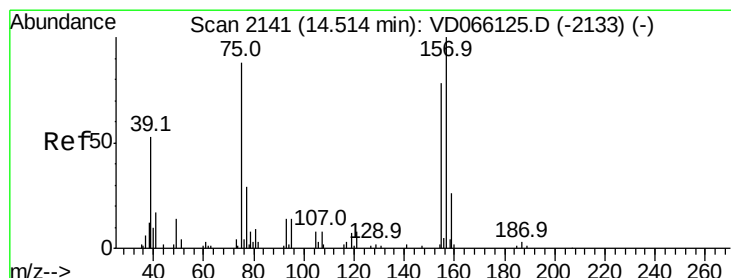
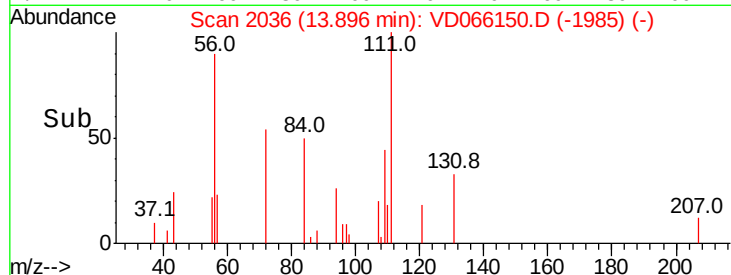
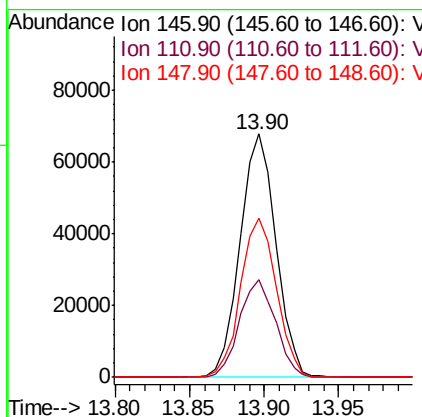
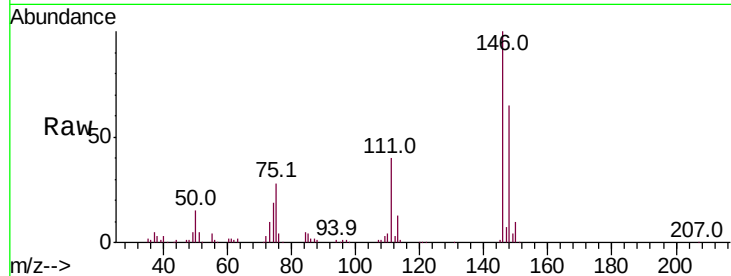




#91
 1,2-Dichlorobenzene
 Concen: 18.038 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

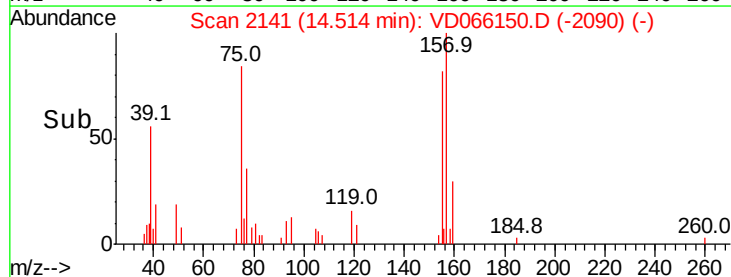
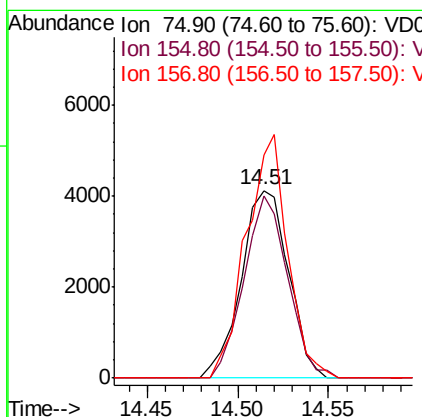
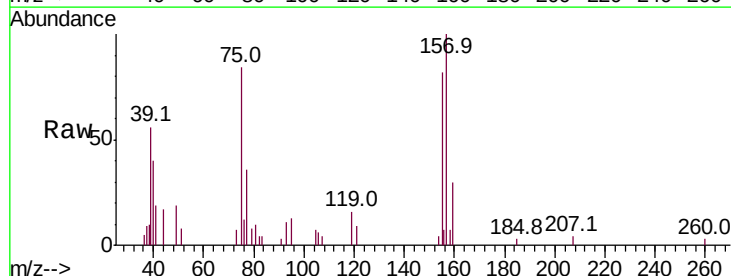
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

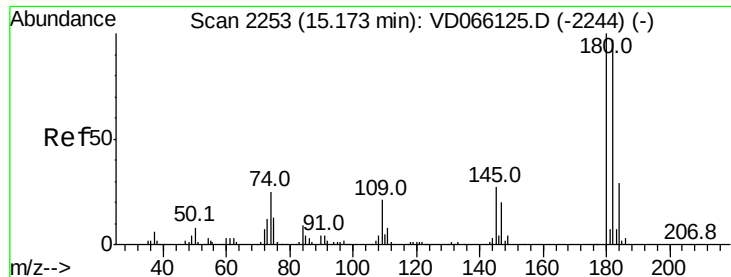
Tot Ion:146 Resp: 113341
 Ion Ratio Lower Upper
 146 100
 111 40.2 18.8 56.3
 148 65.3 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.359 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion: 75 Resp: 7471
 Ion Ratio Lower Upper
 75 100
 155 89.7 47.7 143.1
 157 114.1 62.1 186.2

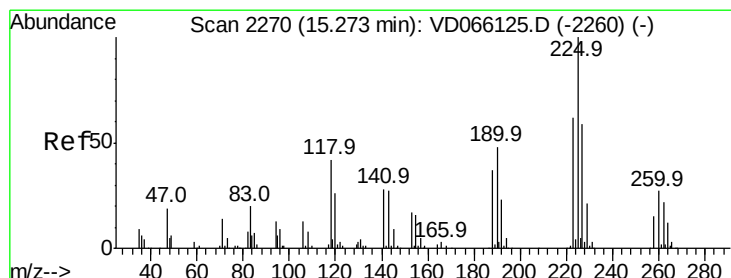
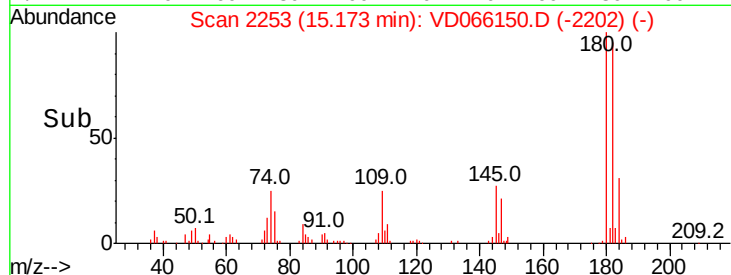
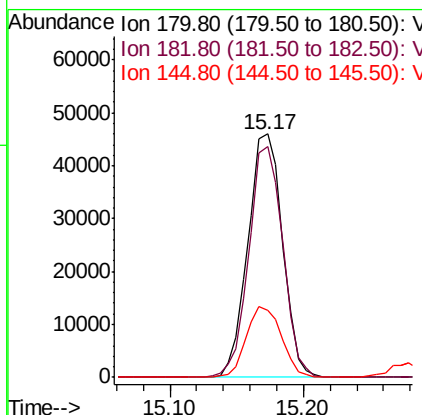
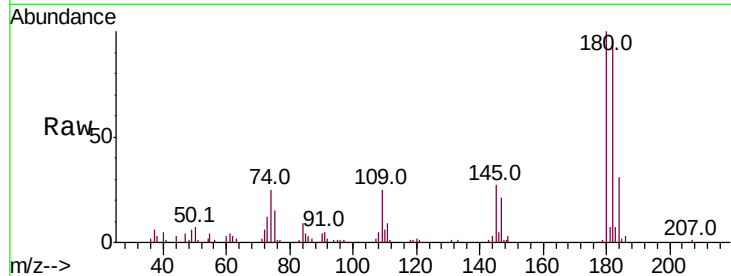




#93
 1,2,4-Trichlorobenzene
 Concen: 17.758 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

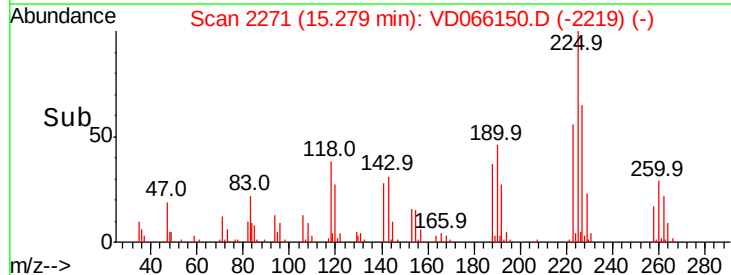
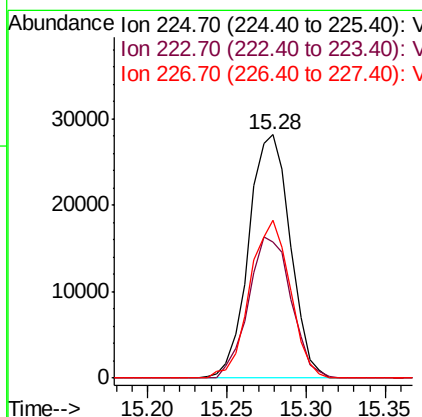
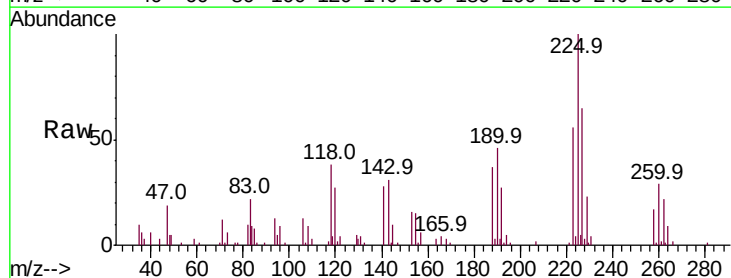
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

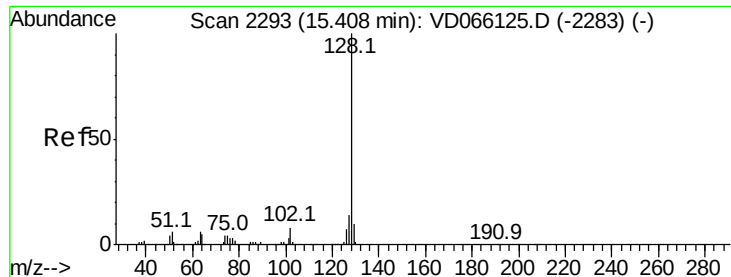
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.4	142.2
145	29.4	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 18.784 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066150.D
 Acq: 07 Aug 2020 11:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	32.3	96.9
227	63.1	32.1	96.5

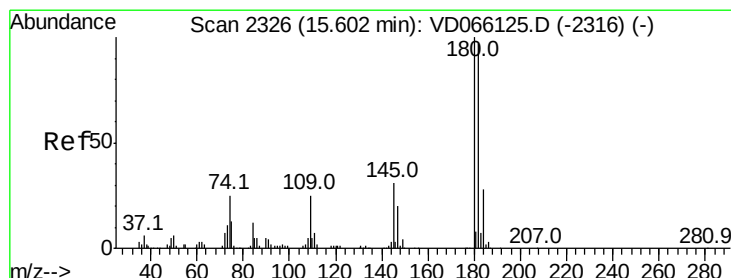
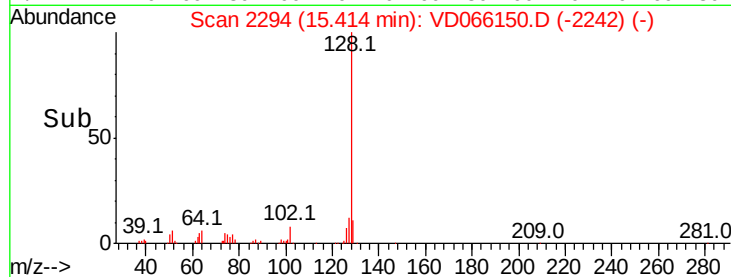
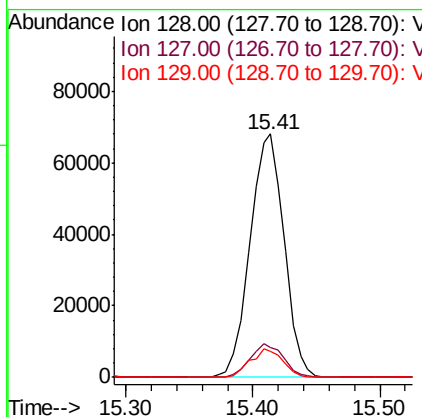
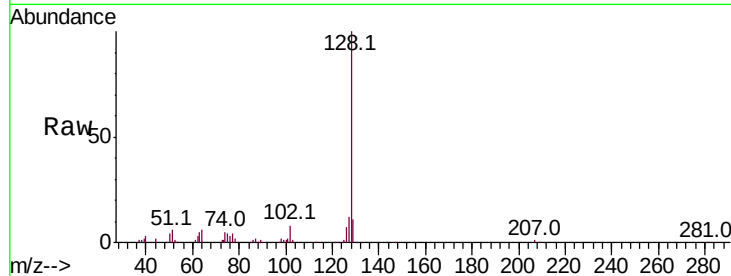




#95
Naphthalene
Concen: 16.805 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Tot Ion:128 Resp: 126793
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 11.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.736 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066150.D
Acq: 07 Aug 2020 11:45

Tgt Ion:180 Resp: 72499
Ion Ratio Lower Upper
180 100
182 90.3 47.1 141.4
145 29.4 14.9 44.9

