

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066454.D
 Acq On : 28 Aug 2020 12:37
 Operator : VA/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Quant Time: Aug 29 00:44:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	164903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	230331	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	212782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	95057	58.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.60%	
35) Dibromofluoromethane	7.91	113	74753	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
50) Toluene-d8	10.34	98	286463	54.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.72%	
62) 4-Bromofluorobenzene	12.63	95	100898	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	29563	21.087	ug/l	96
3) Chloromethane	2.21	50	17234	17.343	ug/l	95
4) Vinyl Chloride	2.34	62	20483	19.198	ug/l	99
5) Bromomethane	2.76	94	17288	21.663	ug/l	97
6) Chloroethane	2.92	64	14175	20.748	ug/l	91
7) Trichlorofluoromethane	3.27	101	66144	22.798	ug/l	97
8) Diethyl Ether	3.71	74	12349	18.997	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	4.09	101	28273	19.746	ug/l	96
10) Methyl Iodide	4.30	142	27662	16.939	ug/l #	88
11) Tert butyl alcohol	5.19	59	7483	44.690	ug/l #	71
12) 1,1-Dichloroethene	4.06	96	25617	19.060	ug/l	94
13) Acrolein	3.92	56	3973	55.341	ug/l #	71
14) Allyl chloride	4.71	41	28268	15.758	ug/l #	76
15) Acrylonitrile	5.42	53	23058	88.407	ug/l	98
16) Acetone	4.16	43	27384	93.953	ug/l	90
17) Carbon Disulfide	4.41	76	68092	16.717	ug/l	100
18) Methyl Acetate	4.71	43	9073	16.586	ug/l #	78
19) Methyl tert-butyl Ether	5.47	73	66153	20.441	ug/l	93
20) Methylene Chloride	4.96	84	32573	16.695	ug/l #	80
21) trans-1,2-Dichloroethene	5.46	96	29077	18.585	ug/l	93
22) Diisopropyl ether	6.36	45	62095	17.878	ug/l	94
23) Vinyl Acetate	6.30	43	193147	89.829	ug/l	94
24) 1,1-Dichloroethane	6.27	63	44914	18.299	ug/l	96
25) 2-Butanone	7.21	43	29594	89.439	ug/l #	89
26) 2,2-Dichloropropane	7.20	77	57158	21.727	ug/l	97
27) cis-1,2-Dichloroethene	7.20	96	33634	20.064	ug/l	97
28) Bromochloromethane	7.53	49	13761	16.276	ug/l	83
29) Tetrahydrofuran	7.56	42	16384	87.177	ug/l	95
30) Chloroform	7.71	83	58696	20.669	ug/l	98
31) Cyclohexane	7.98	56	37532	16.720	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	64148	22.071	ug/l	98
36) 1,1-Dichloropropene	8.10	75	42054	20.010	ug/l	96
37) Ethyl Acetate	7.29	43	12352	17.280	ug/l #	85
38) Carbon Tetrachloride	8.09	117	61122	22.323	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066454.D
 Acq On : 28 Aug 2020 12:37
 Operator : VA/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Quant Time: Aug 29 00:44:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	45976	18.571	ug/l	95
40) Benzene	8.34	78	105712	19.121	ug/l	95
41) Methacrylonitrile	7.52	41	5992	13.593	ug/l #	68
42) 1,2-Dichloroethane	8.41	62	44842	23.029	ug/l	98
43) Isopropyl Acetate	8.45	43	27336	19.054	ug/l #	59
44) Trichloroethene	9.11	130	35850	19.956	ug/l	90
45) 1,2-Dichloropropane	9.38	63	21606	17.238	ug/l	99
46) Dibromomethane	9.47	93	15688	20.103	ug/l	93
47) Bromodichloromethane	9.66	83	45066	20.999	ug/l	94
48) Methyl methacrylate	9.45	41	14924	20.172	ug/l	91
49) 1,4-Dioxane	9.46	88	3232	356.673	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	63245	91.125	ug/l	100
52) Toluene	10.40	92	75406	20.131	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	41192	20.228	ug/l	93
54) cis-1,3-Dichloropropene	10.08	75	46092	20.165	ug/l	93
55) 1,1,2-Trichloroethane	10.80	97	20738	19.630	ug/l	90
56) Ethyl methacrylate	10.66	69	24697	20.194	ug/l #	92
57) 1,3-Dichloropropane	10.94	76	33425	19.127	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.94	63	47856	94.216	ug/l	91
59) 2-Hexanone	10.98	43	44363	90.619	ug/l	96
60) Dibromochloromethane	11.14	129	32573	20.455	ug/l	98
61) 1,2-Dibromoethane	11.24	107	20094	19.327	ug/l	99
64) Tetrachloroethene	10.87	164	31866	19.742	ug/l	93
65) Chlorobenzene	11.67	112	84407	19.939	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	35955	20.783	ug/l	98
67) Ethyl Benzene	11.74	91	150313	20.172	ug/l	94
68) m/p-Xylenes	11.85	106	120479	42.418	ug/l	99
69) o-Xylene	12.18	106	54016	20.443	ug/l	97
70) Styrene	12.20	104	99026	21.827	ug/l	99
71) Bromoform	12.36	173	21688	22.096	ug/l #	97
73) Isopropylbenzene	12.48	105	155152	20.355	ug/l	99
74) N-amyl acetate	12.29	43	23836	17.314	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.73	83	18813	17.277	ug/l	95
76) 1,2,3-Trichloropropane	12.78	75	31594	39.469	ug/l #	17
77) Bromobenzene	12.76	156	39113	20.217	ug/l	94
78) n-propylbenzene	12.82	91	173120	19.808	ug/l	99
79) 2-Chlorotoluene	12.91	91	101928	20.420	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	136262	20.704	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	7034	18.652	ug/l	89
82) 4-Chlorotoluene	13.01	91	106310	20.102	ug/l	98
83) tert-Butylbenzene	13.23	119	116234	20.333	ug/l	95
84) 1,2,4-Trimethylbenzene	13.27	105	136138	21.060	ug/l	99
85) sec-Butylbenzene	13.40	105	148303	19.801	ug/l	99
86) p-Isopropyltoluene	13.52	119	150696	20.867	ug/l	96
87) 1,3-Dichlorobenzene	13.52	146	74592	20.655	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	74849	20.642	ug/l	98
89) n-Butylbenzene	13.84	91	127836	20.059	ug/l	99
90) Hexachloroethane	14.11	117	28543	20.008	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	64145	20.633	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4991	21.854	ug/l	87

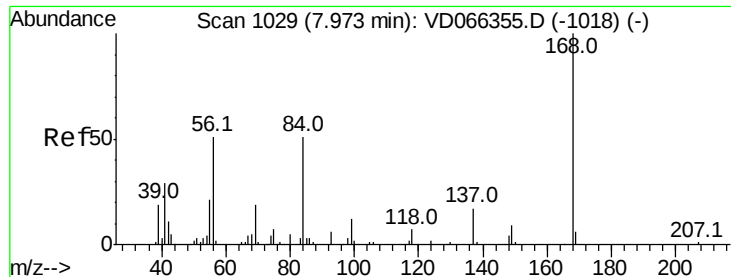
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082820\
Data File : VD066454.D
Acq On : 28 Aug 2020 12:37
Operator : VA/SY
Sample : VD0828SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Quant Time: Aug 29 00:44:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49557	20.418	ug/l	99
94) Hexachlorobutadiene	15.28	225	31916	21.161	ug/l	94
95) Naphthalene	15.41	128	78391	20.564	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	43277	20.815	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: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

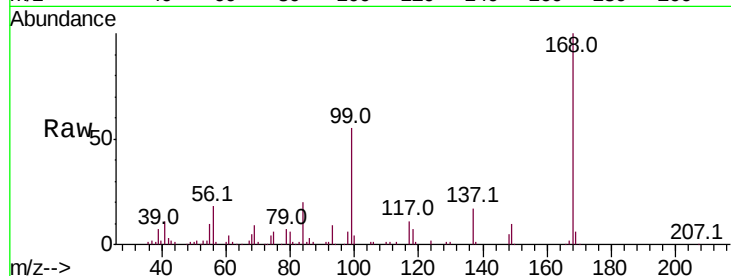
VD0828SBSD01

Tot Ion:168 Resp: 164903

Ion Ratio Lower Upper

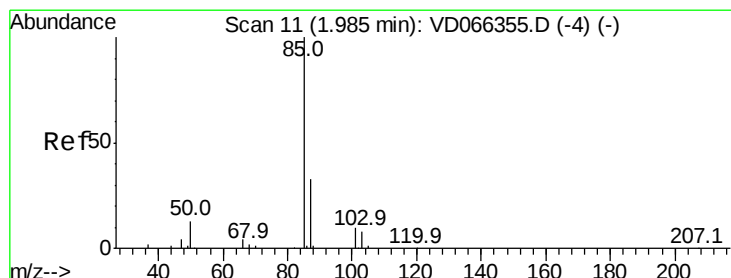
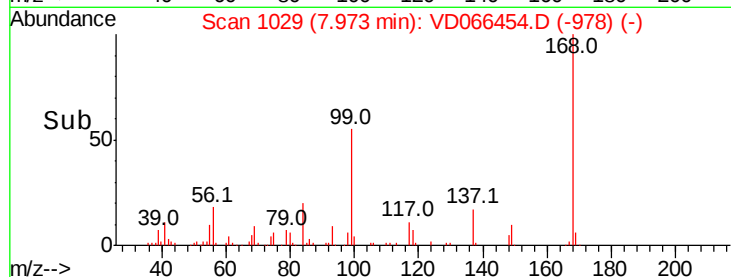
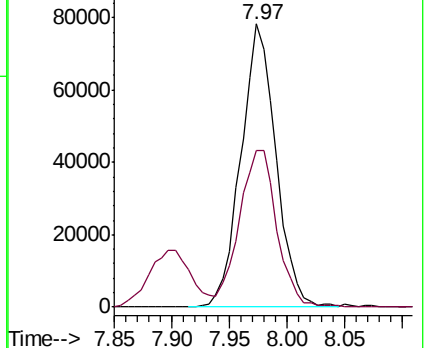
168 100

99 54.9 45.4 68.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 21.087 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066454.D

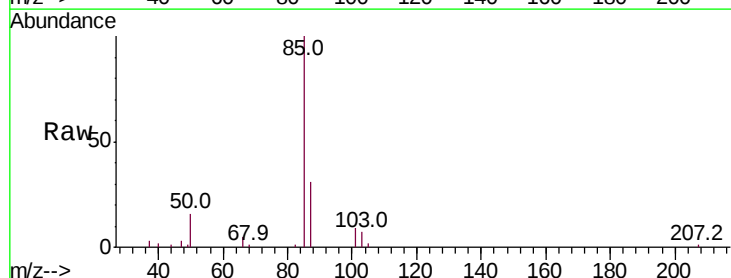
Acq: 28 Aug 2020 12:37

Tgt Ion: 85 Resp: 29563

Ion Ratio Lower Upper

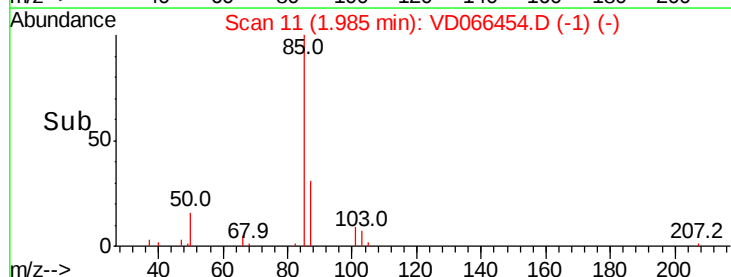
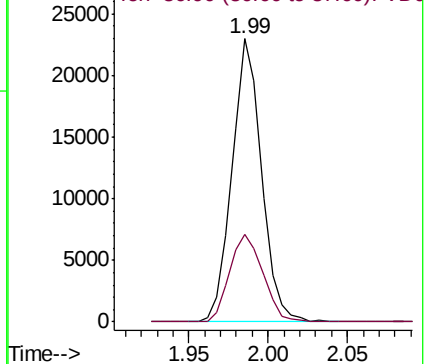
85 100

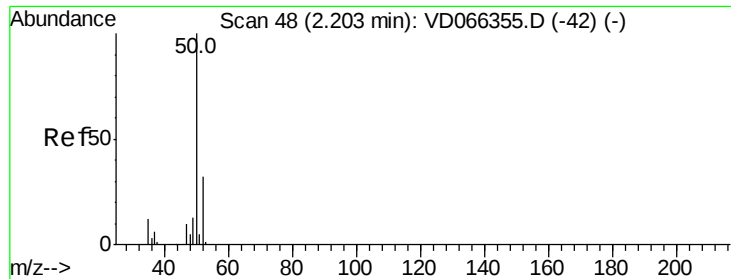
87 30.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.343 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

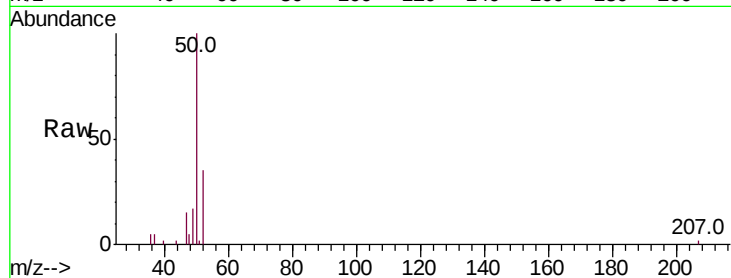
VD0828SBSD01

Tot Ion: 50 Resp: 17234

Ion Ratio Lower Upper

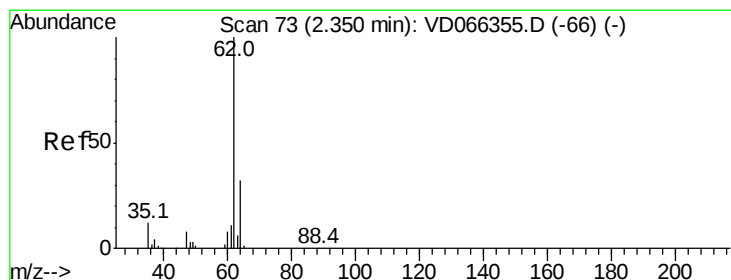
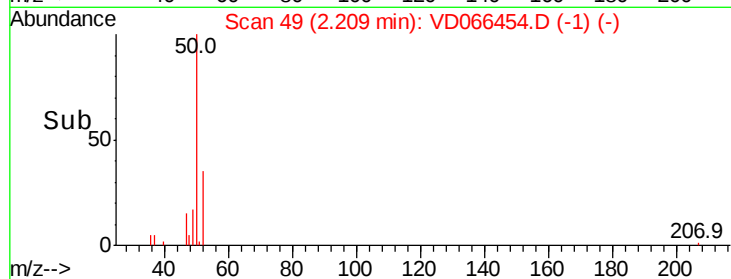
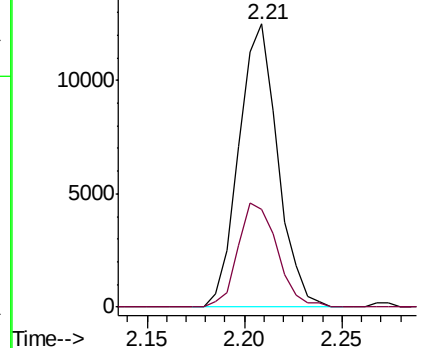
50 100

52 34.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.198 ug/l

RT: 2.34 min Scan# 72

Delta R.T. -0.01 min

Lab File: VD066454.D

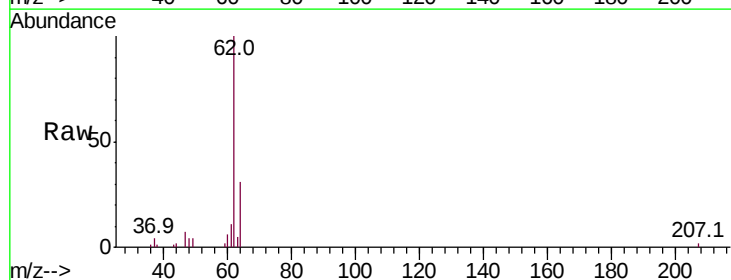
Acq: 28 Aug 2020 12:37

Tgt Ion: 62 Resp: 20483

Ion Ratio Lower Upper

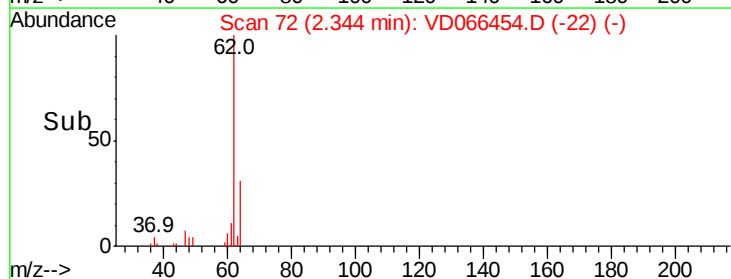
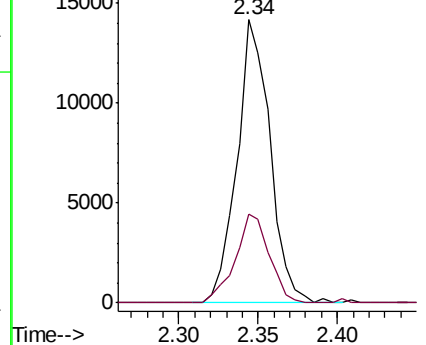
62 100

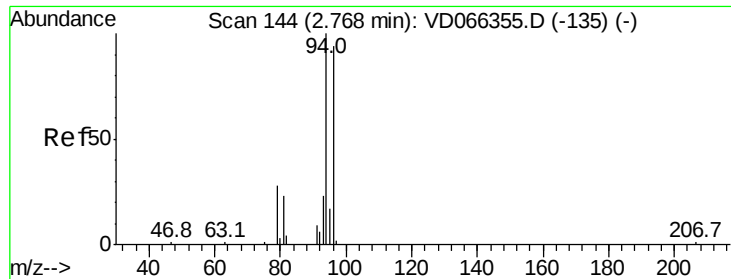
64 31.2 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 21.663 ug/l

RT: 2.76 min Scan# 142

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

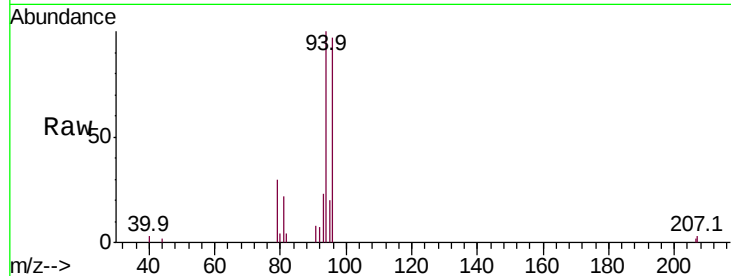
VD0828SBSD01

Tot Ion: 94 Resp: 17288

Ion Ratio Lower Upper

94 100

96 96.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

8000

6000

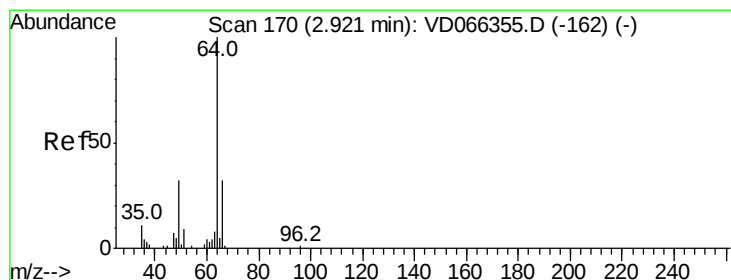
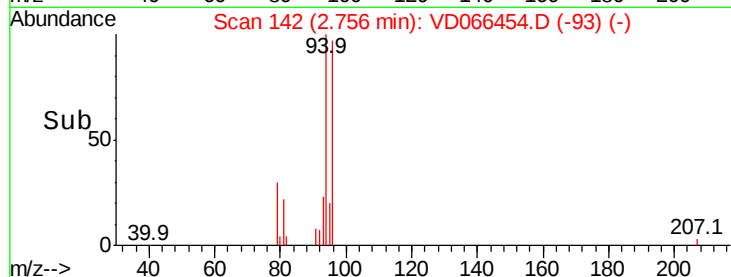
4000

2000

0

2.65 2.70 2.75 2.80 2.85

Time-->



#6

Chloroethane

Concen: 20.748 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066454.D

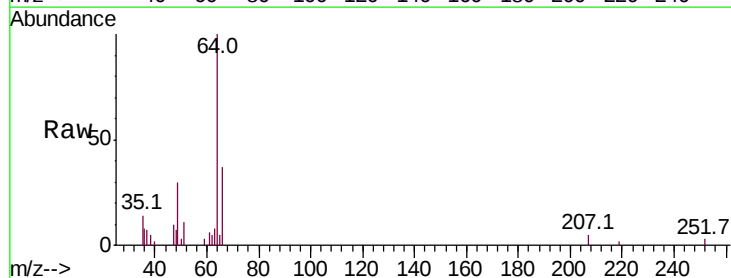
Acq: 28 Aug 2020 12:37

Tgt Ion: 64 Resp: 14175

Ion Ratio Lower Upper

64 100

66 37.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

6000

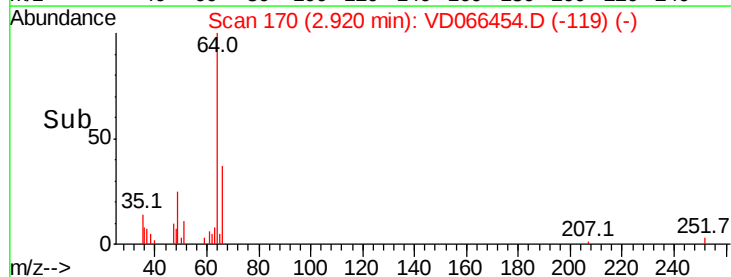
4000

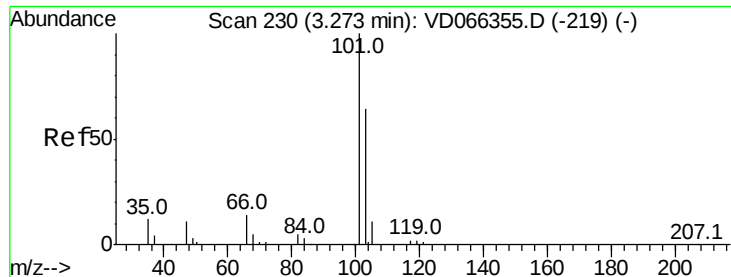
2000

0

2.85 2.90 2.95 3.00

Time-->



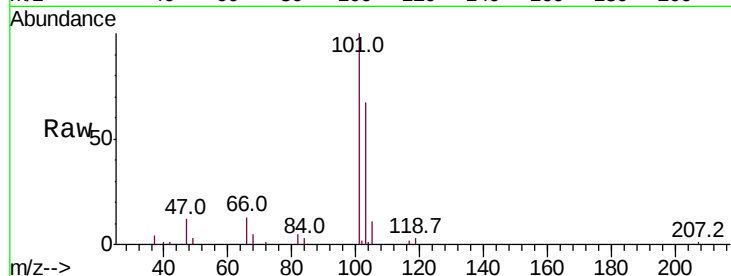


#7

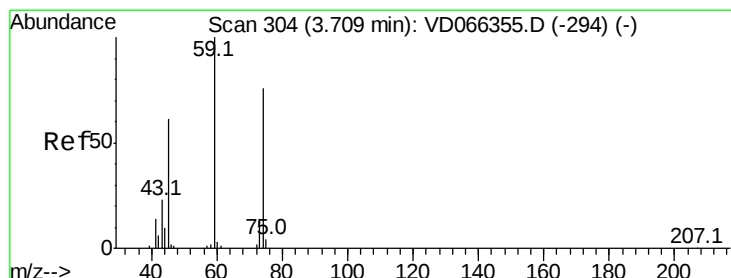
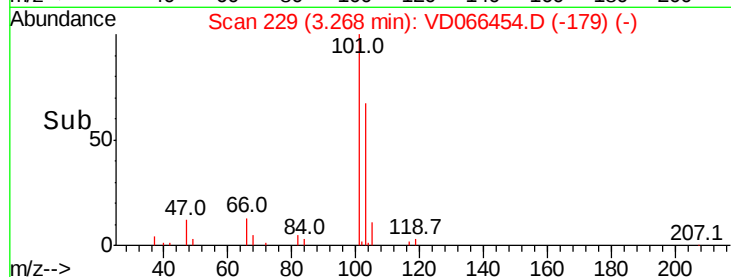
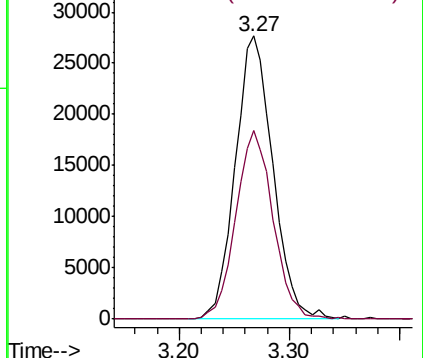
Trichlorofluoromethane
 Concen: 22.798 ug/l
 RT: 3.27 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion:101 Resp: 66144
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.4 77.0



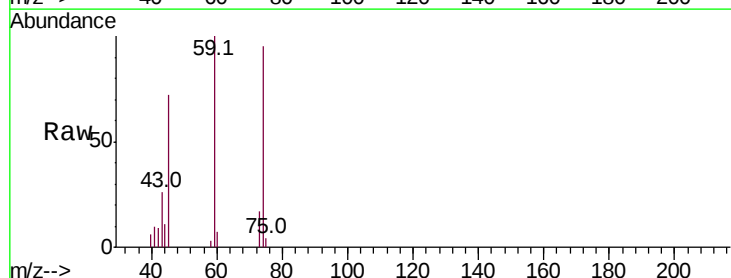
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



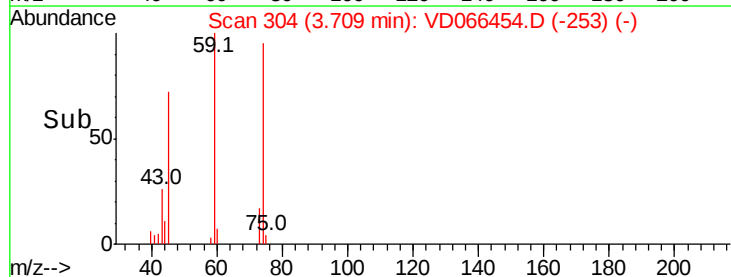
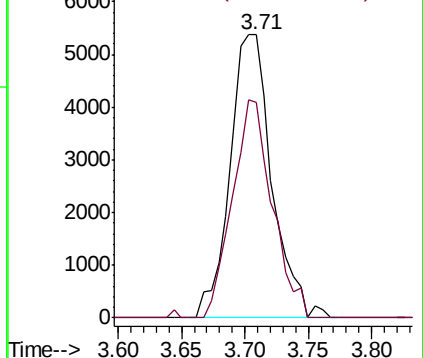
#8

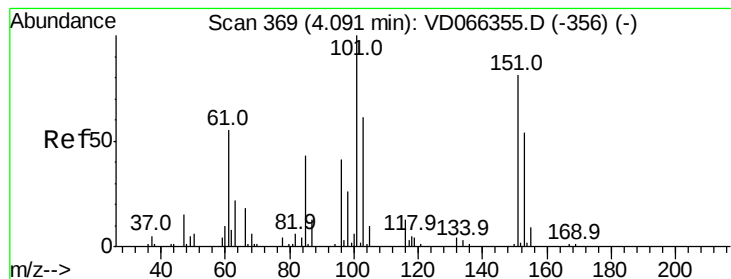
Diethyl Ether
 Concen: 18.997 ug/l
 RT: 3.71 min Scan# 304
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion: 74 Resp: 12349
 Ion Ratio Lower Upper
 74 100
 45 73.2 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VDC
 Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.746 ug/l

RT: 4.09 min Scan# 369

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

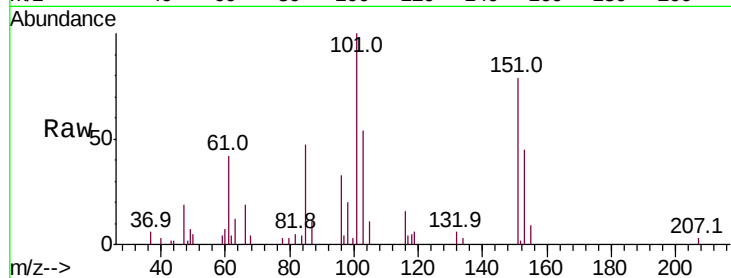
Tot Ion:101 Resp: 28273

Ion Ratio Lower Upper

101 100

85 49.1 36.4 54.6

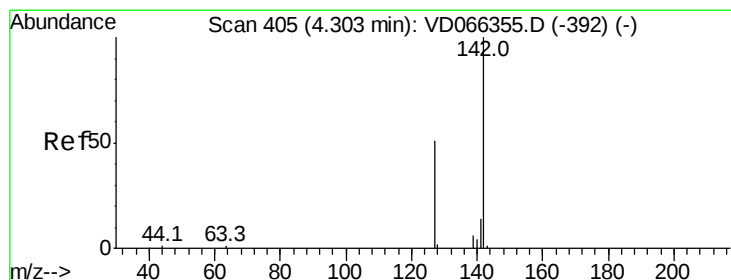
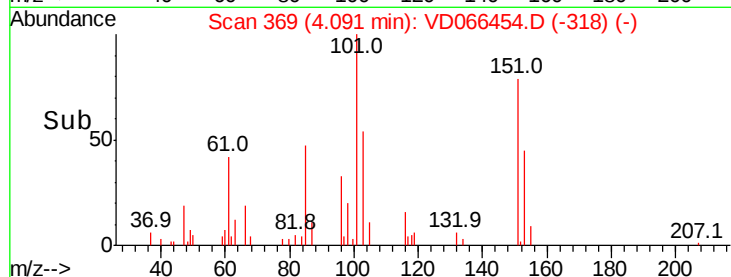
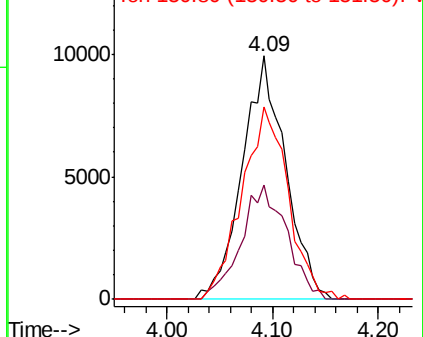
151 84.8 70.5 105.7



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: 16.939 ug/l

RT: 4.30 min Scan# 404

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

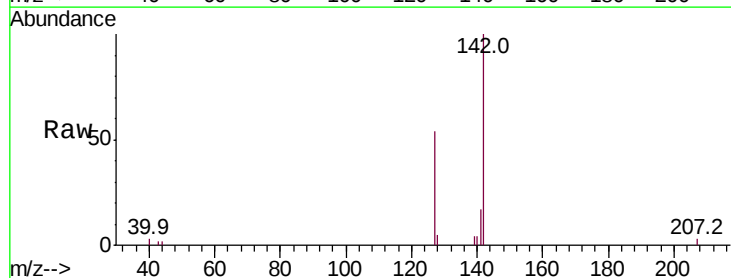
Tgt Ion:142 Resp: 27662

Ion Ratio Lower Upper

142 100

127 60.1 41.8 62.8

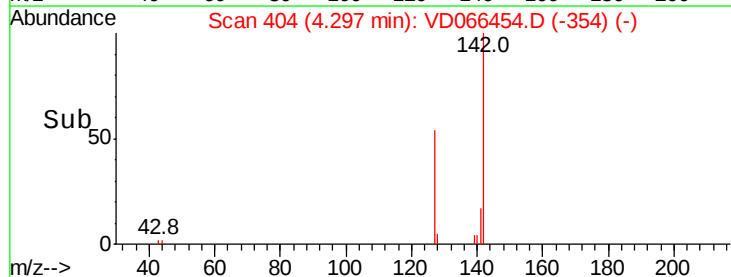
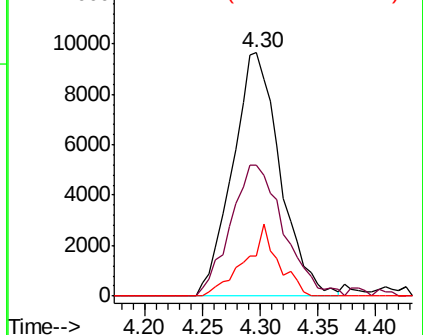
141 20.5 11.8 17.6#

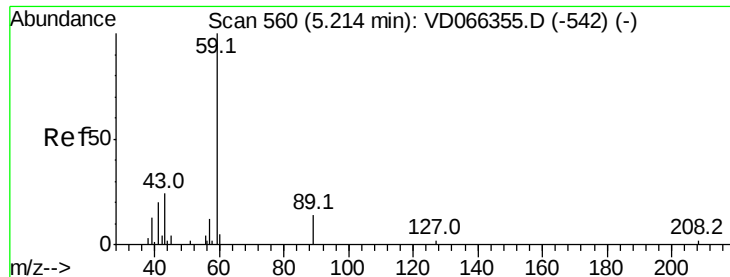


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



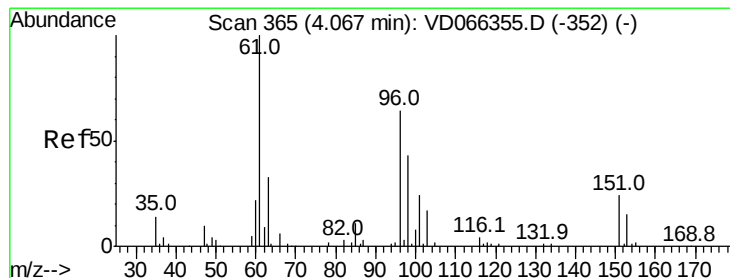
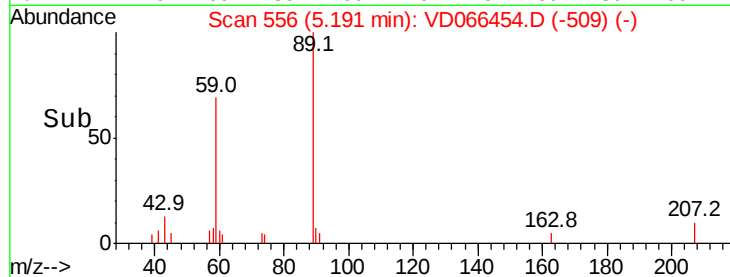
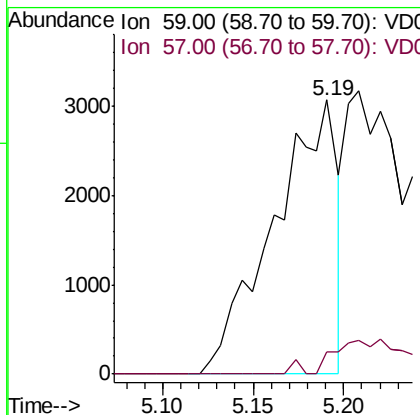
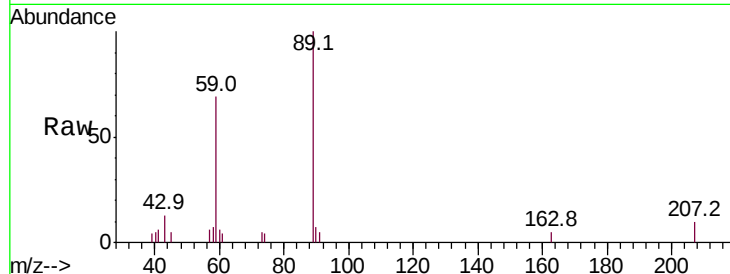


#11

Tert butyl alcohol
 Concen: 44.690 ug/l
 RT: 5.19 min Scan# 556
 Delta R.T. -0.02 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

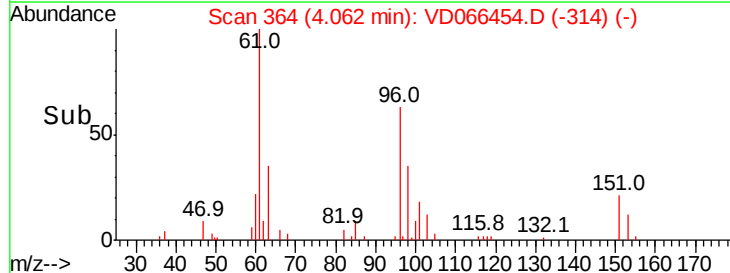
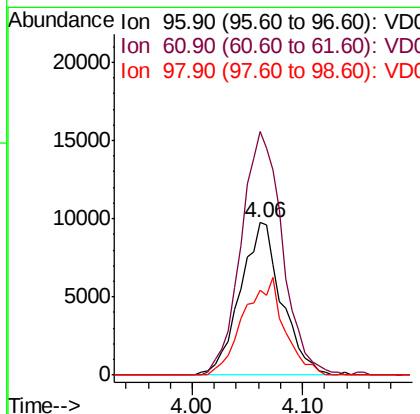
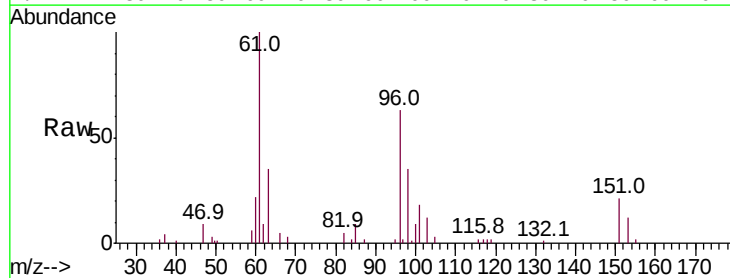
Tot Ion: 59 Resp: 7483
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.0 13.4#

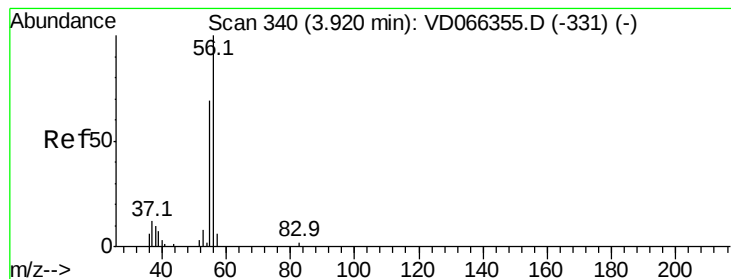


#12

1,1-Dichloroethene
 Concen: 19.060 ug/l
 RT: 4.06 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion: 96 Resp: 25617
 Ion Ratio Lower Upper
 96 100
 61 159.5 124.3 186.5
 98 55.4 53.2 79.8





#13

Acrolein

Concen: 55.341 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

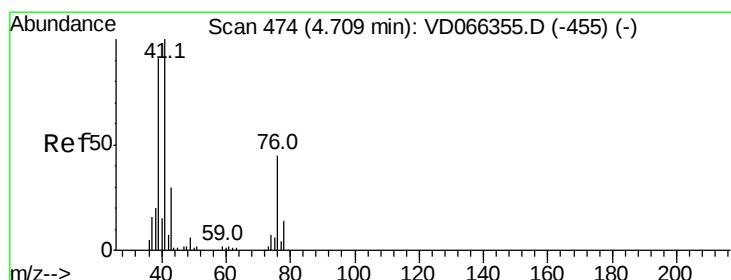
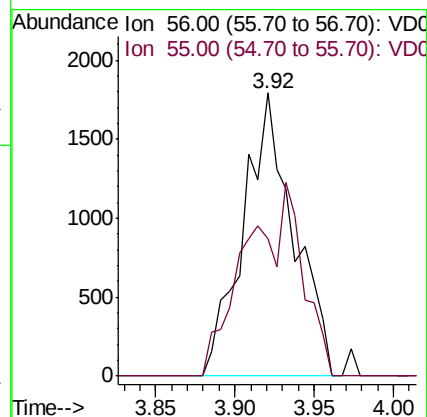
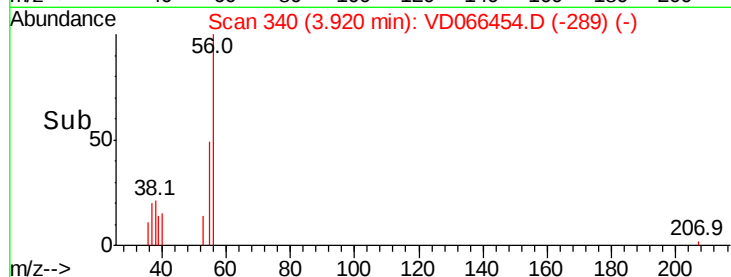
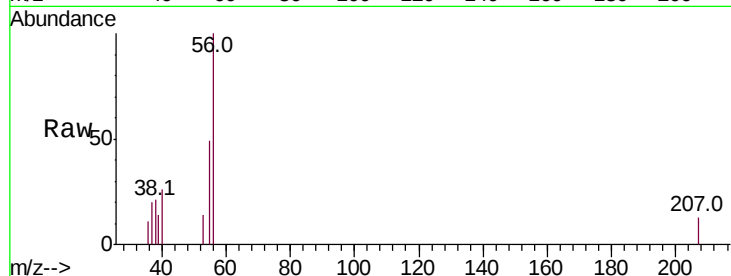
VD0828SBSD01

Tot Ion: 56 Resp: 3973

Ion Ratio Lower Upper

56 100

55 45.9 55.5 83.3#



#14

Allyl chloride

Concen: 15.758 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

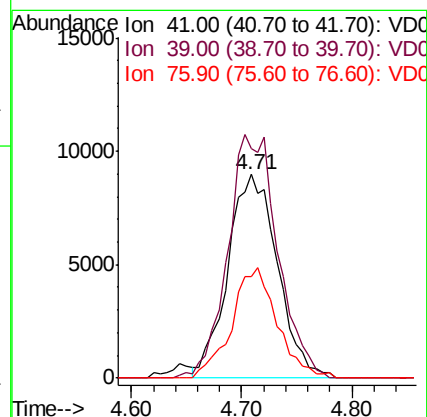
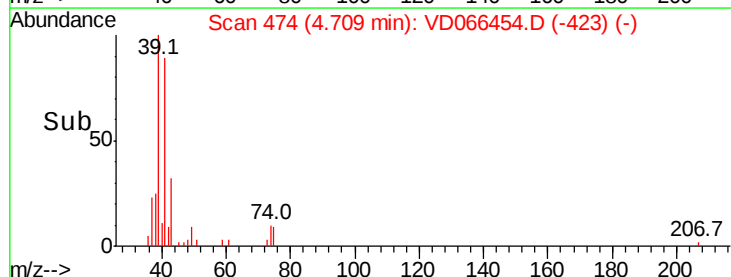
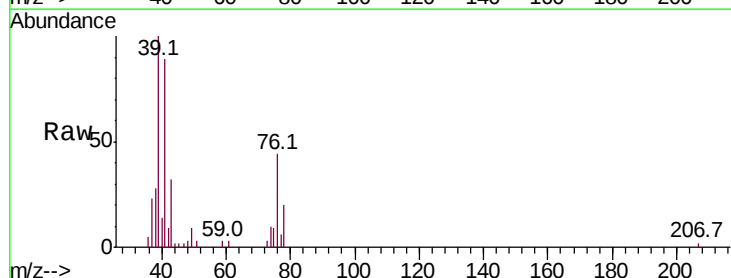
Tgt Ion: 41 Resp: 28268

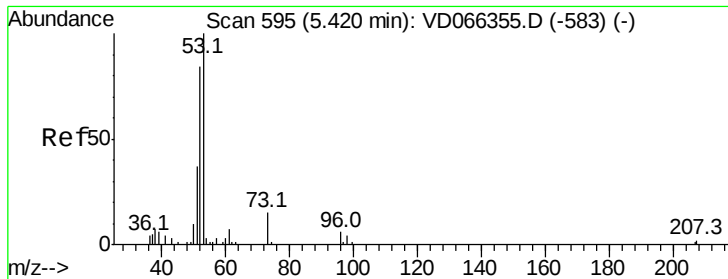
Ion Ratio Lower Upper

41 100

39 120.0 72.8 109.2#

76 49.5 34.0 51.0





#15

Acrylonitrile

Concen: 88.407 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

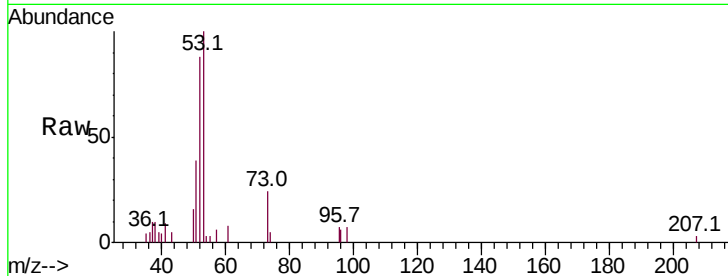
Tot Ion: 53 Resp: 23058

Ion Ratio Lower Upper

53 100

52 85.7 68.1 102.1

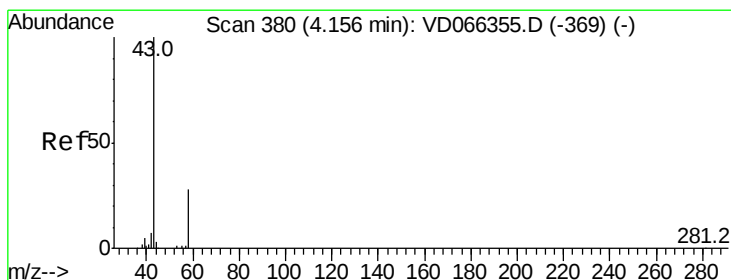
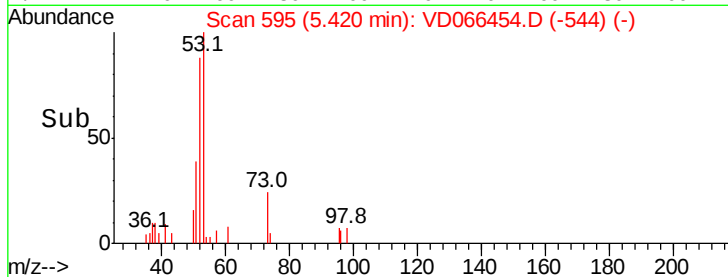
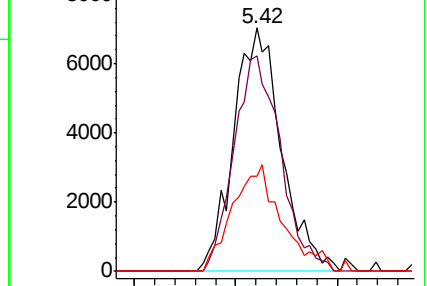
51 45.0 33.8 50.6



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: 93.953 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066454.D

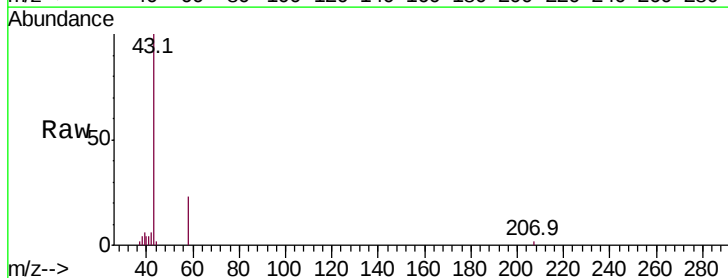
Acq: 28 Aug 2020 12:37

Tgt Ion: 43 Resp: 27384

Ion Ratio Lower Upper

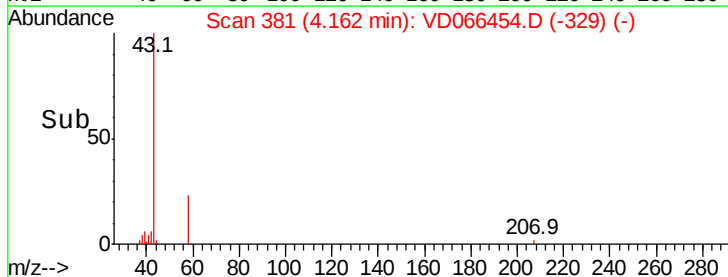
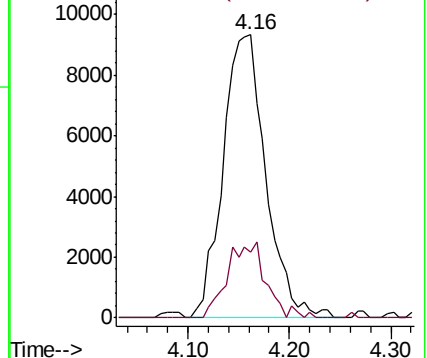
43 100

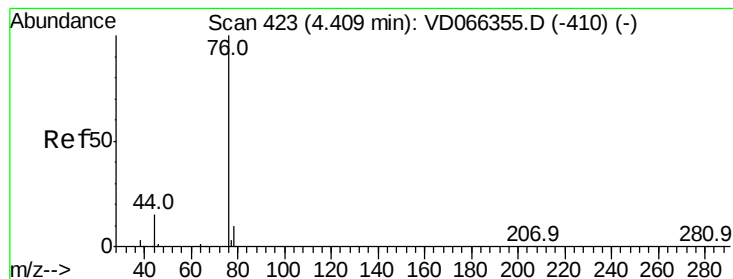
58 23.2 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 16.717 ug/l

RT: 4.41 min Scan# 423

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

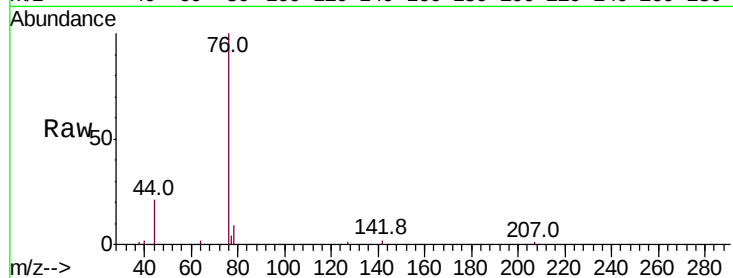
VD0828SBSD01

Tot Ion: 76 Resp: 68092

Ion Ratio Lower Upper

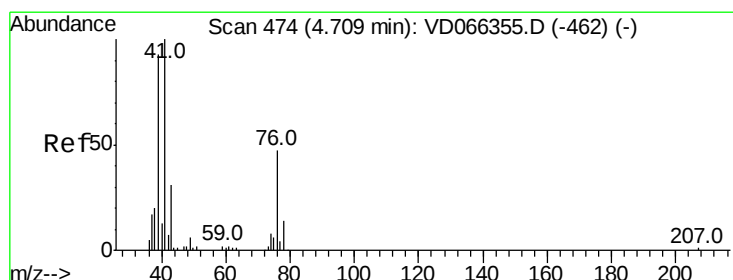
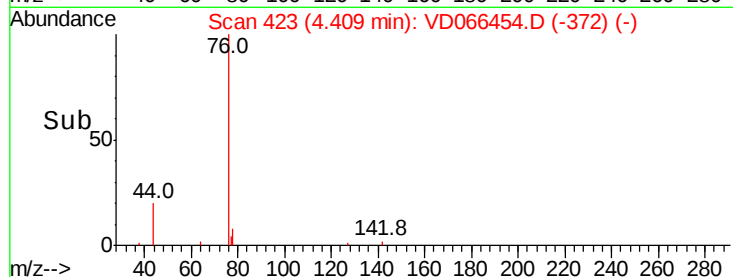
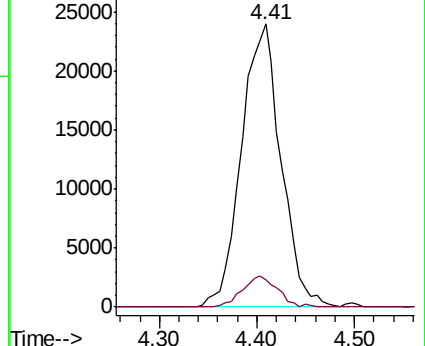
76 100

78 9.4 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 16.586 ug/l

RT: 4.71 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD066454.D

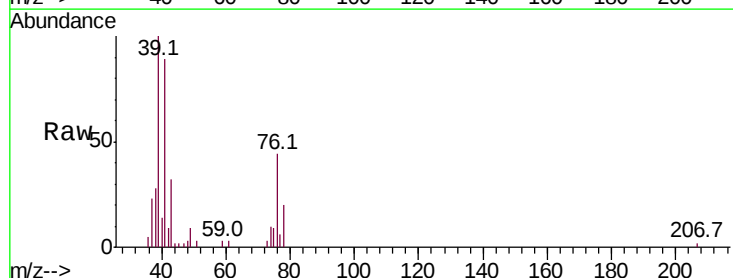
Acq: 28 Aug 2020 12:37

Tgt Ion: 43 Resp: 9073

Ion Ratio Lower Upper

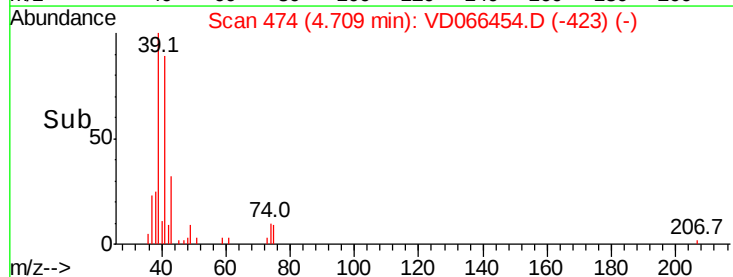
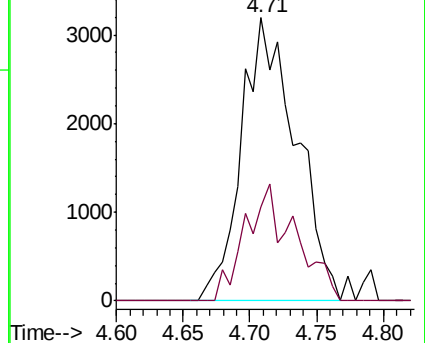
43 100

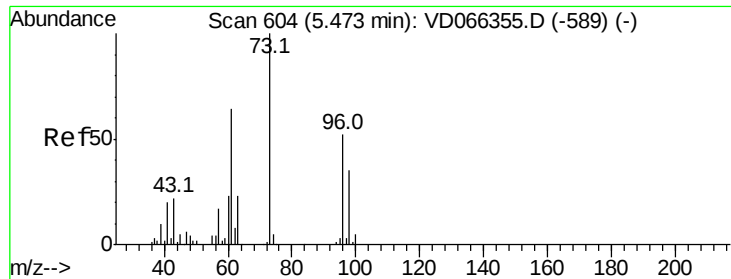
74 37.5 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





#19

Methyl tert-butyl Ether

Concen: 20.441 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

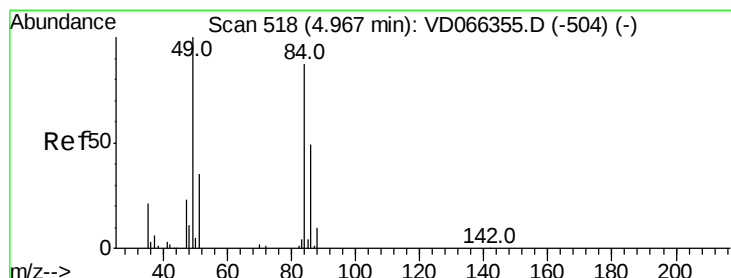
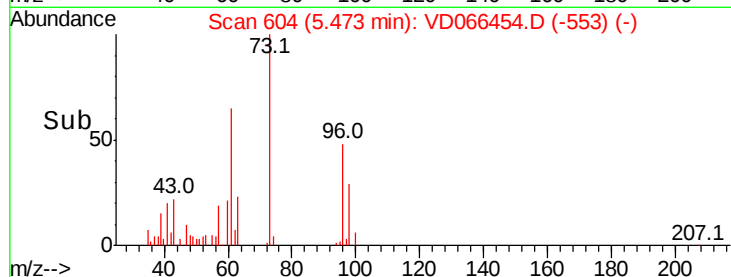
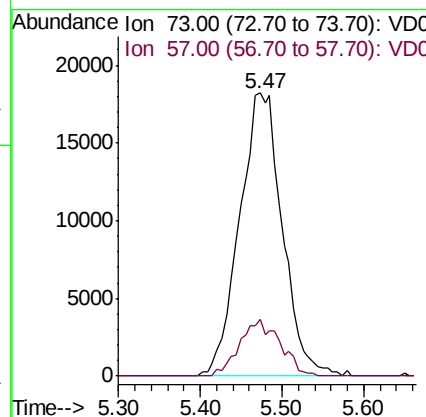
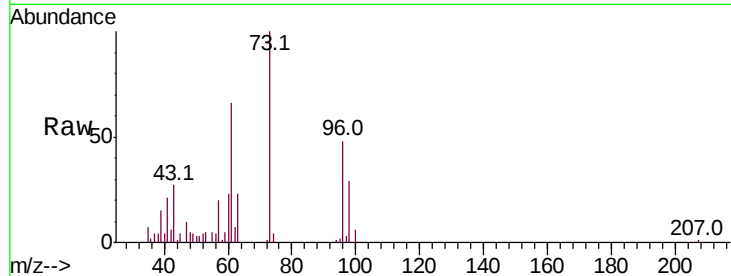
VD0828SBS01

Tot Ion: 73 Resp: 66153

Ion Ratio Lower Upper

73 100

57 20.3 13.8 20.6



#20

Methylene Chloride

Concen: 16.695 ug/l

RT: 4.96 min Scan# 517

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Tgt Ion: 84 Resp: 32573

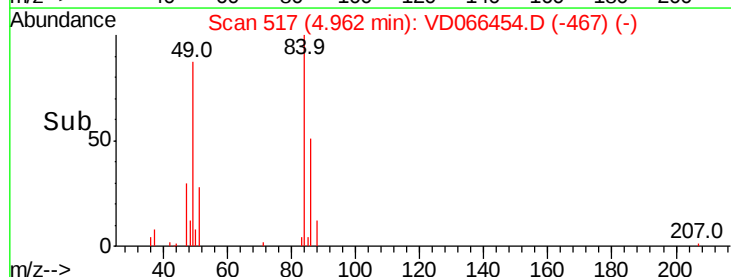
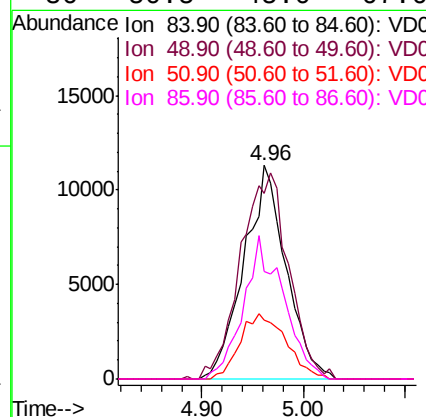
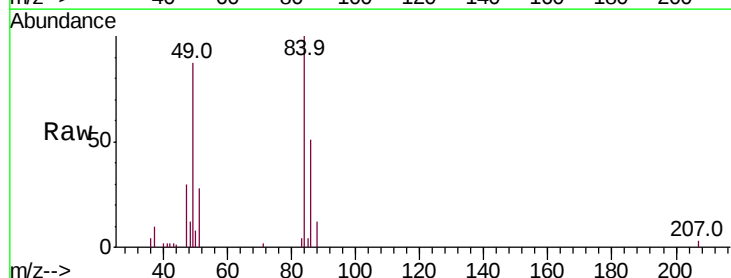
Ion Ratio Lower Upper

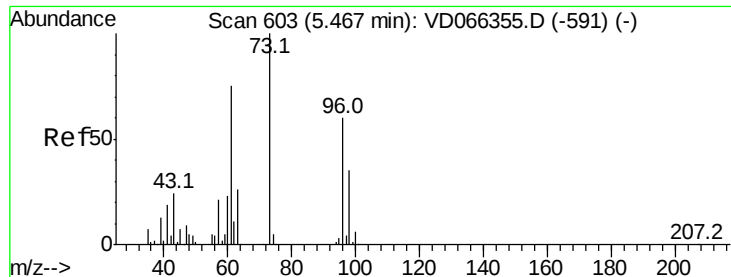
84 100

49 86.8 92.5 138.7#

51 27.7 32.5 48.7#

86 50.5 45.0 67.6





#21

trans-1,2-Dichloroethene

Concen: 18.585 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

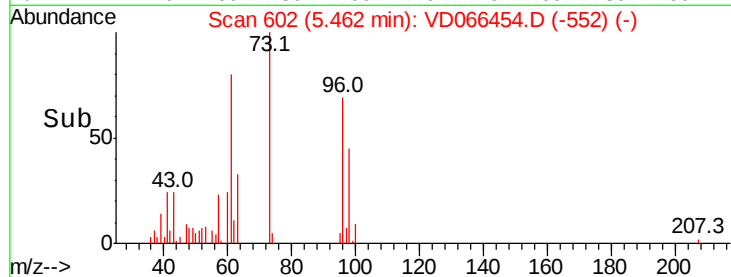
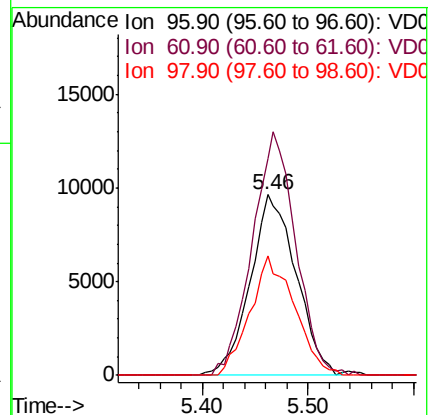
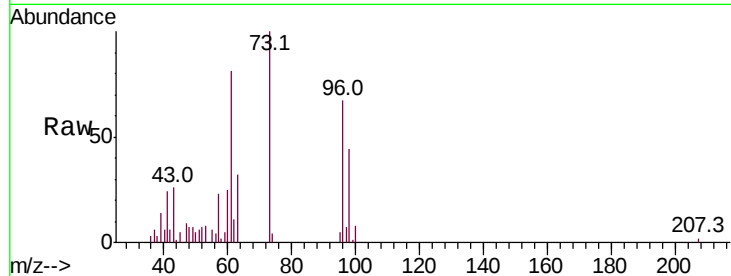
Tot Ion: 96 Resp: 29077

Ion Ratio Lower Upper

96 100

61 119.9 101.1 151.7

98 65.9 47.0 70.6



#22

Diisopropyl ether

Concen: 17.878 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Tgt Ion: 45 Resp: 62095

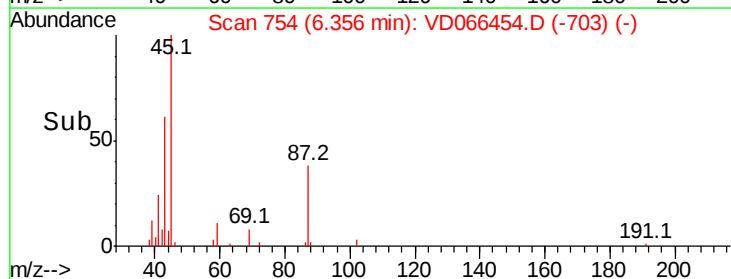
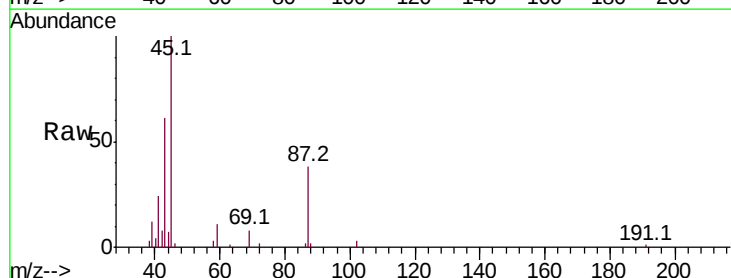
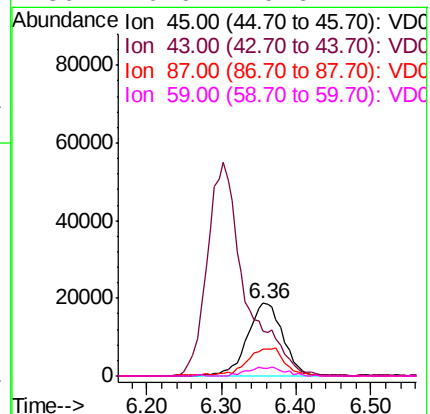
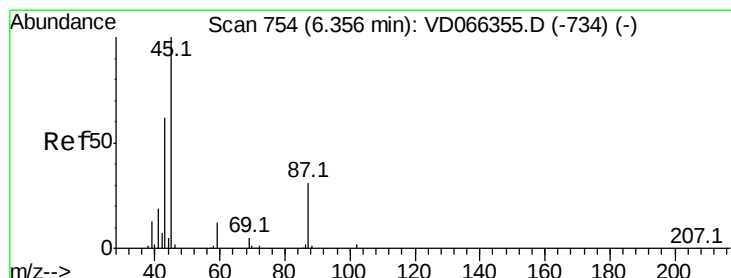
Ion Ratio Lower Upper

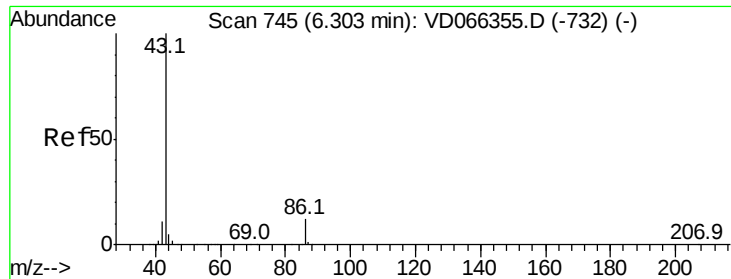
45 100

43 59.5 49.8 74.8

87 37.5 25.0 37.6

59 10.9 9.6 14.4

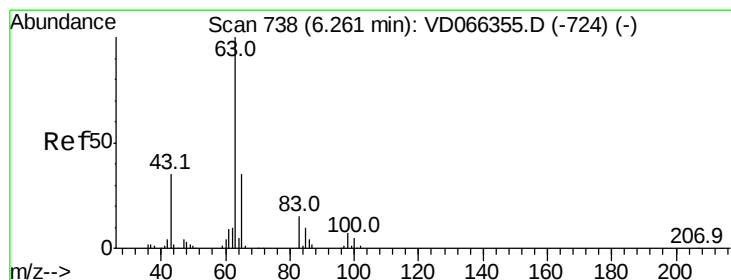
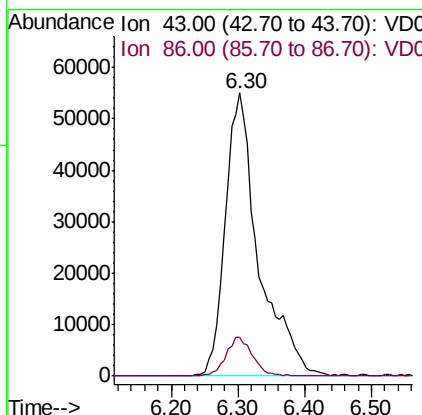
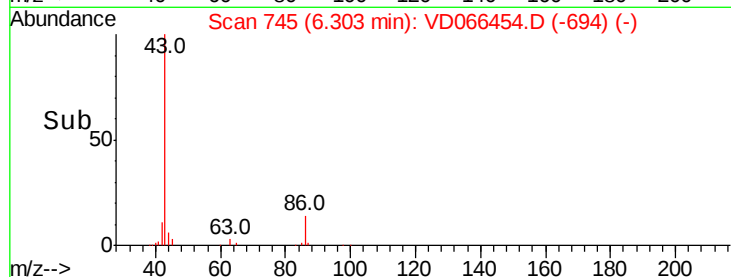
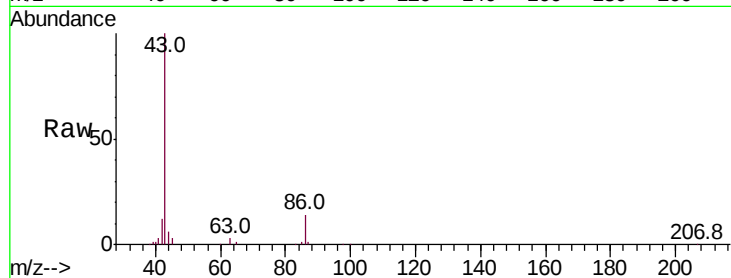




#23
 Vinyl Acetate
 Concen: 89.829 ug/l
 RT: 6.30 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

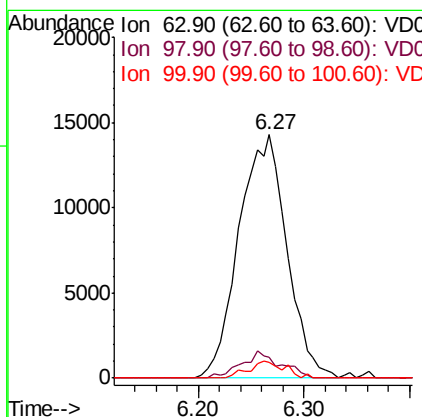
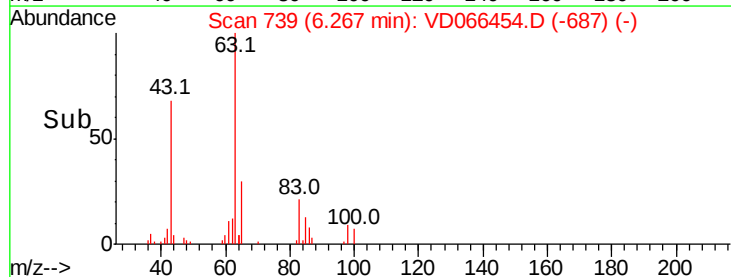
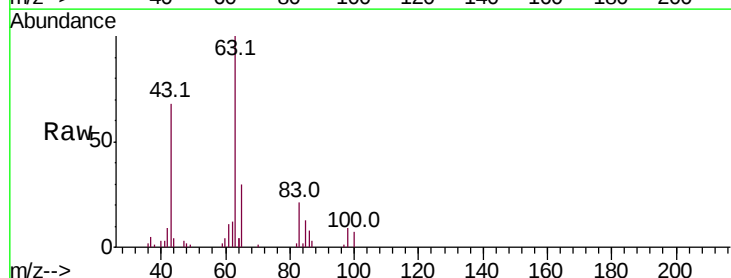
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

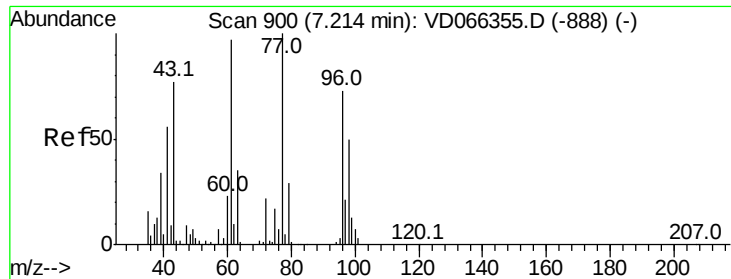
Tot Ion: 43 Resp: 193147
 Ion Ratio Lower Upper
 43 100
 86 13.8 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 18.299 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.01 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion: 63 Resp: 44914
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.6
 100 6.6 2.5 7.6

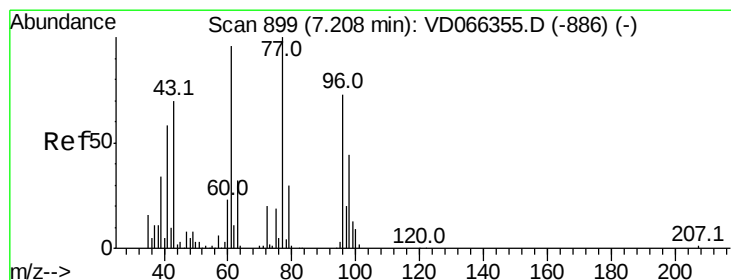
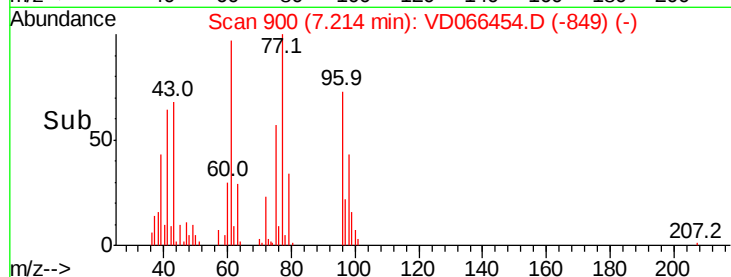
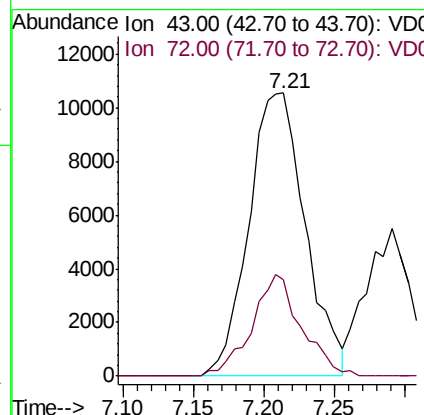
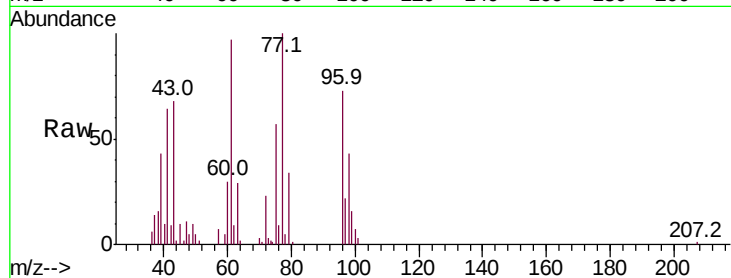




#25
2-Butanone
Concen: 89.439 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

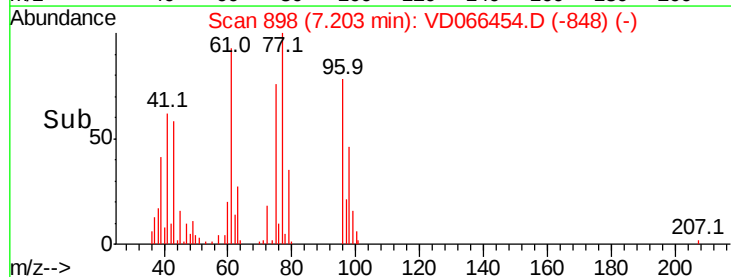
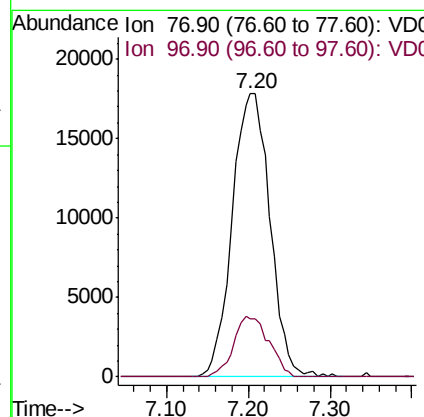
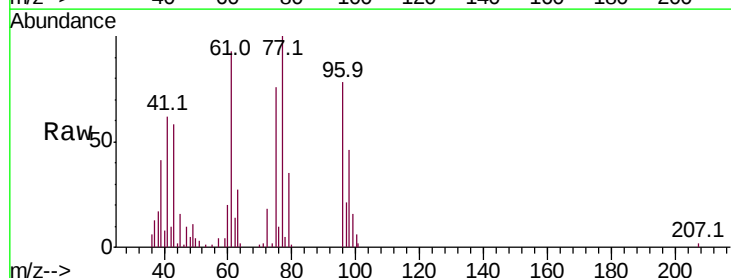
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

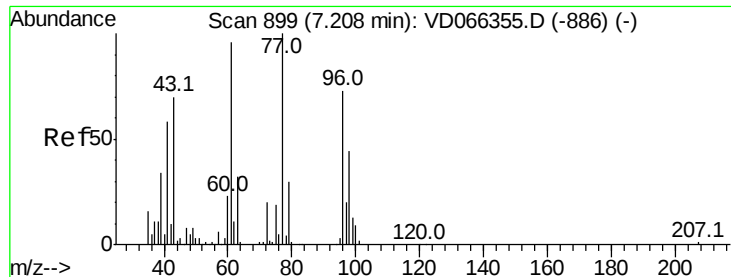
Tot Ion: 43 Resp: 29594
Ion Ratio Lower Upper
43 100
72 34.1 22.5 33.7#



#26
2,2-Dichloropropane
Concen: 21.727 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 77 Resp: 57158
Ion Ratio Lower Upper
77 100
97 19.9 10.7 31.9



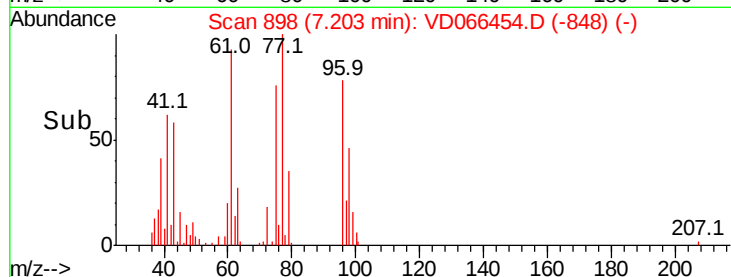
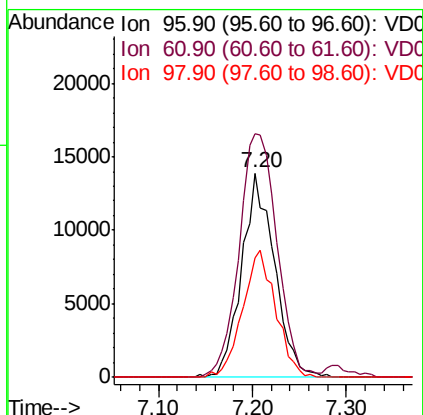
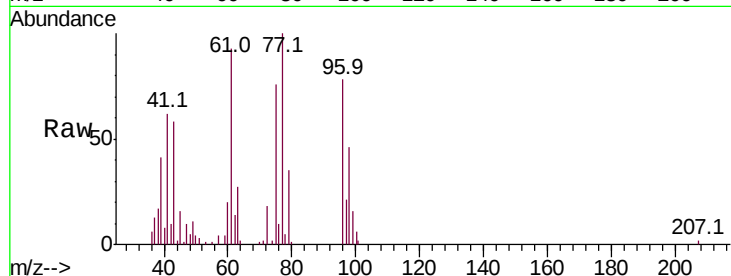


#27

cis-1,2-Dichloroethene
Concen: 20.064 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

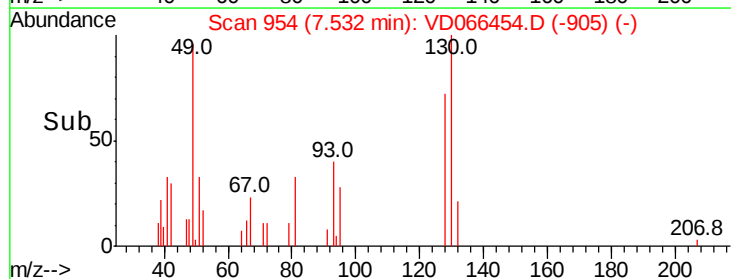
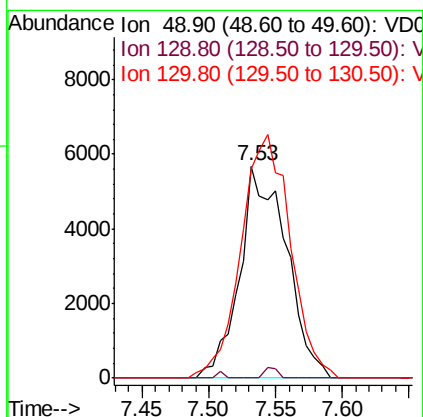
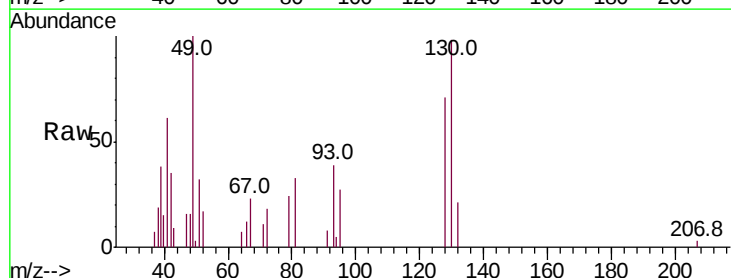
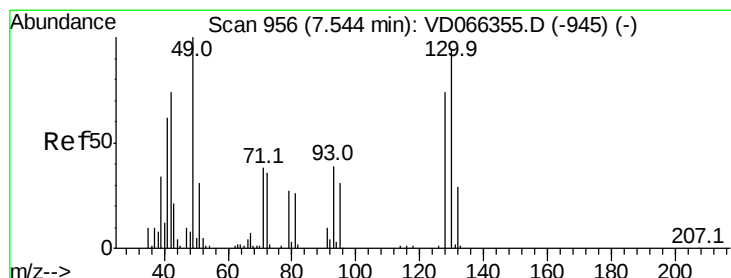
Tot Ion: 96 Resp: 33634
Ion Ratio Lower Upper
96 100
61 138.2 0.0 281.4
98 62.8 0.0 132.2

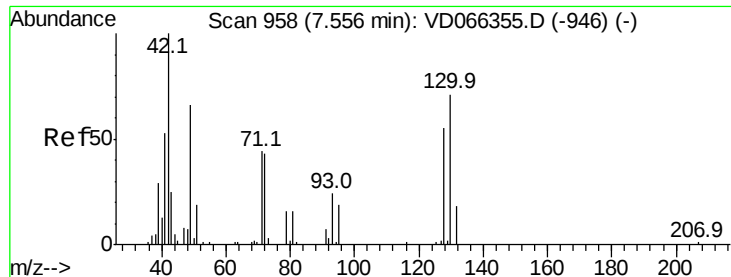


#28

Bromochloromethane
Concen: 16.276 ug/l
RT: 7.53 min Scan# 954
Delta R.T. -0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 49 Resp: 13761
Ion Ratio Lower Upper
49 100
129 1.3 0.0 3.0
130 121.2 82.6 124.0

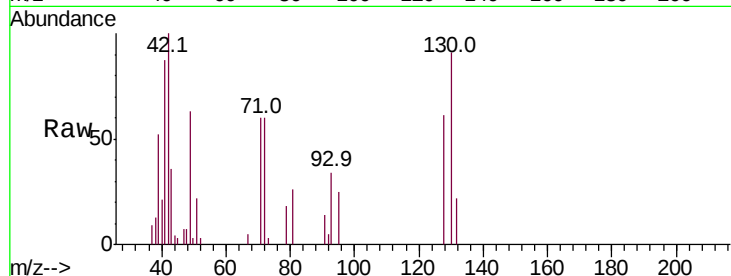




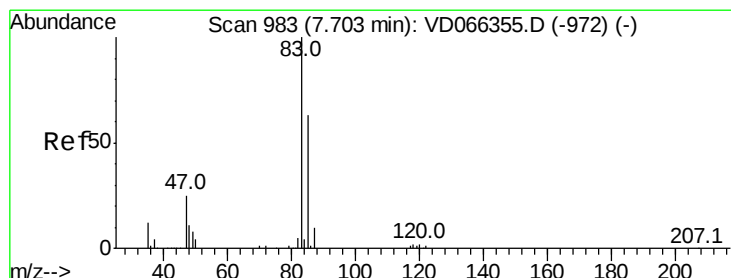
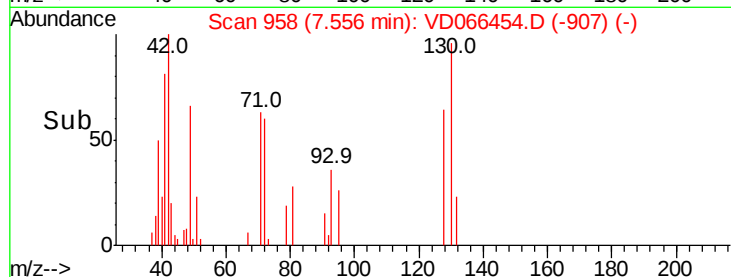
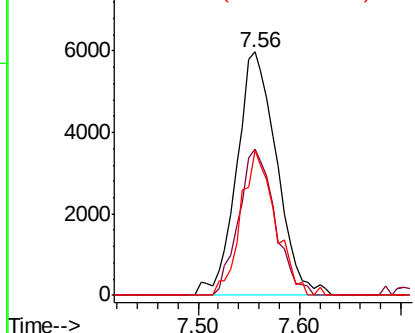
#29
Tetrahydrofuran
Concen: 87.177 ug/l
RT: 7.56 min Scan# 958
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tot Ion: 42 Resp: 16384
Ion Ratio Lower Upper
42 100
72 54.2 41.0 61.4
71 50.9 37.2 55.8

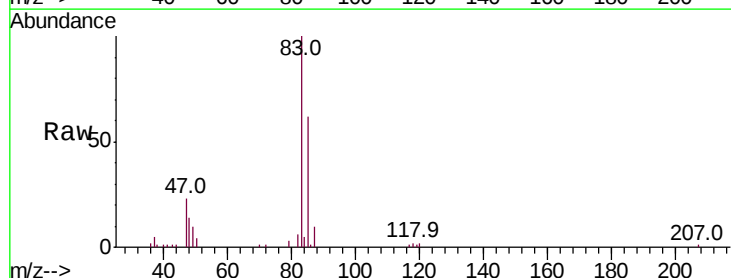


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

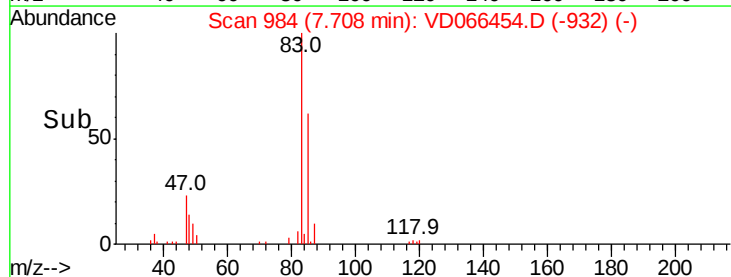
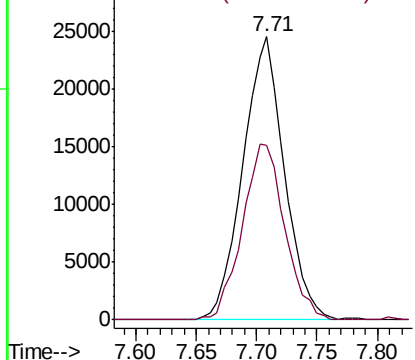


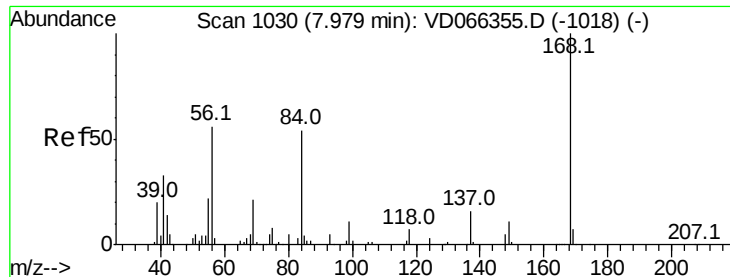
#30
Chloroform
Concen: 20.669 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 83 Resp: 58696
Ion Ratio Lower Upper
83 100
85 61.7 50.3 75.5



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

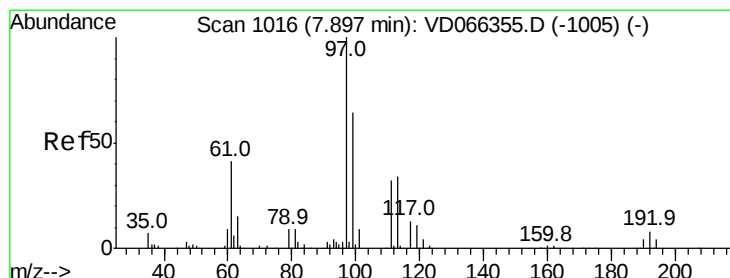
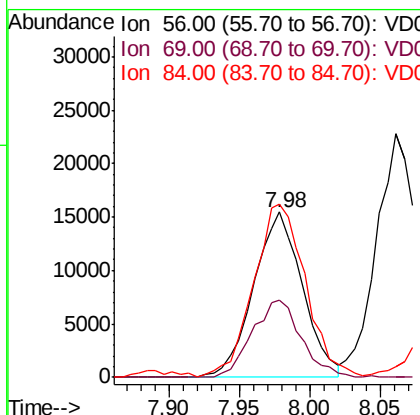
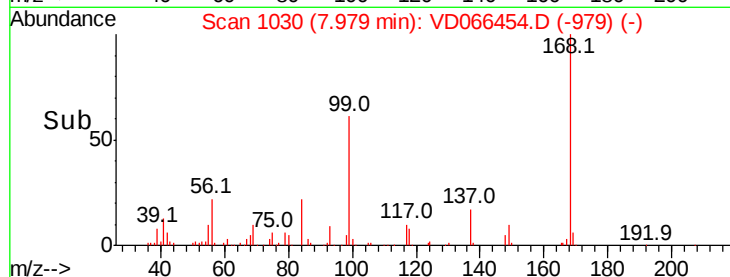
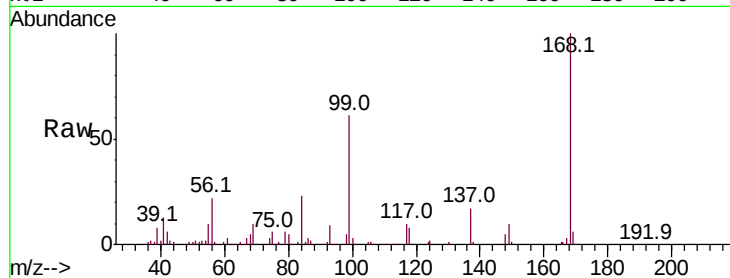




#31
Cyclohexane
Concen: 16.720 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

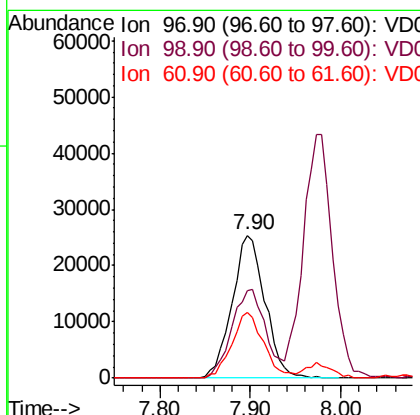
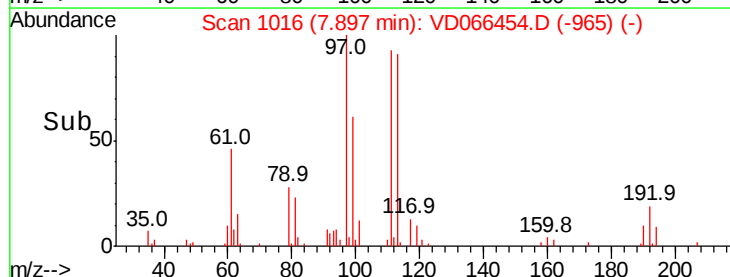
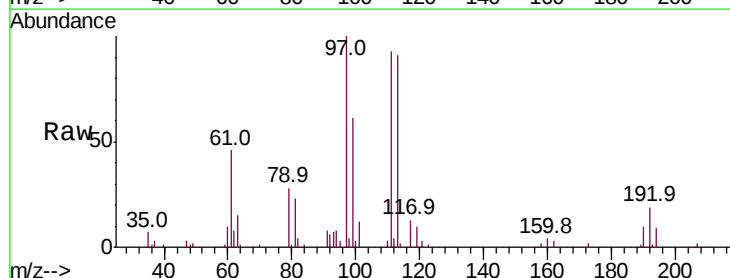
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

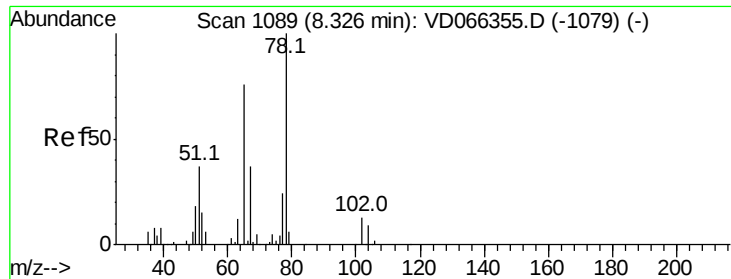
Tot Ion: 56 Resp: 37532
Ion Ratio Lower Upper
56 100
69 47.1 29.6 44.4#
84 102.3 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 22.071 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 97 Resp: 64148
Ion Ratio Lower Upper
97 100
99 64.4 51.5 77.3
61 44.4 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 58.797 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

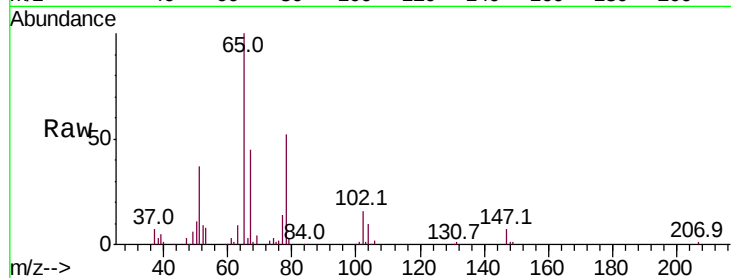
VD0828SBSD01

Tot Ion: 65 Resp: 95057

Ion Ratio Lower Upper

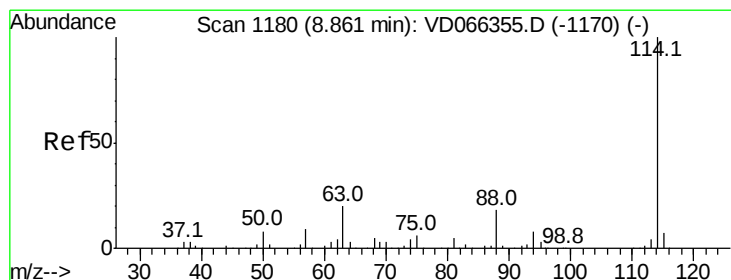
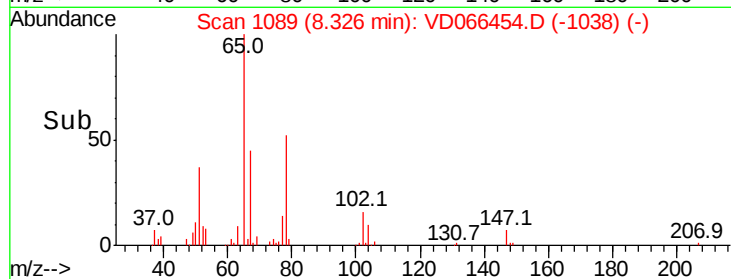
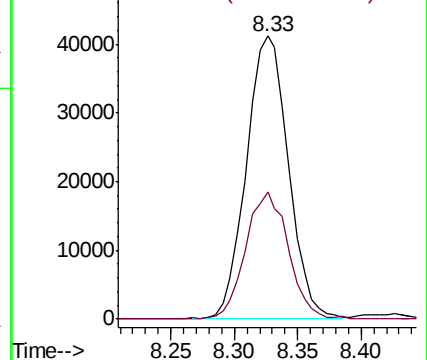
65 100

67 45.5 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

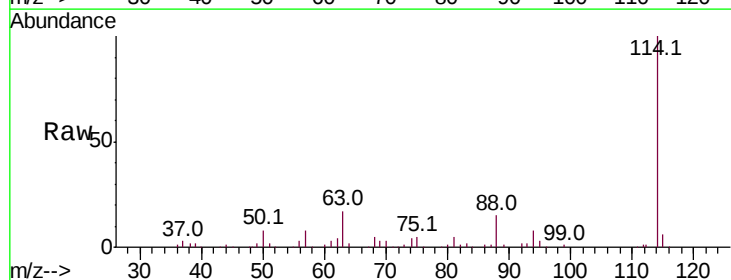
Tgt Ion: 114 Resp: 230331

Ion Ratio Lower Upper

114 100

63 17.2 0.0 40.8

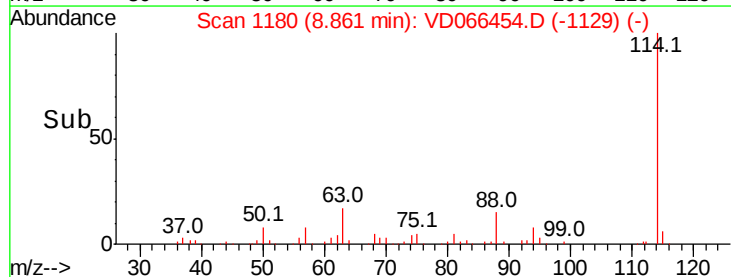
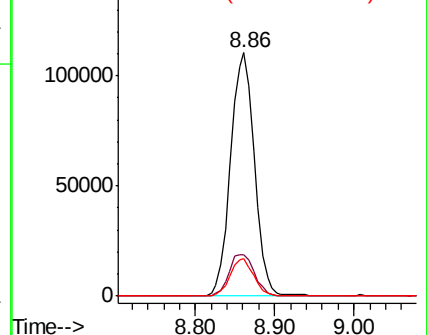
88 15.3 0.0 35.4

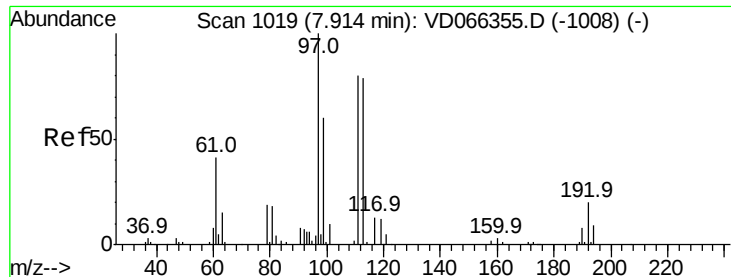


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

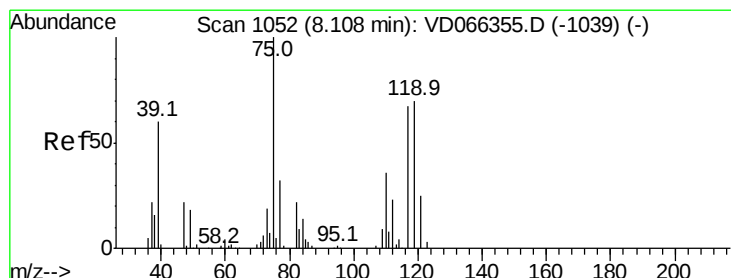
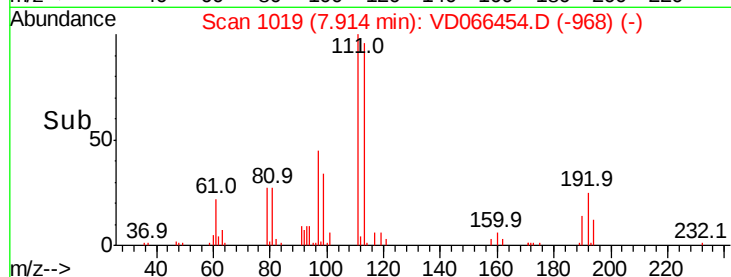
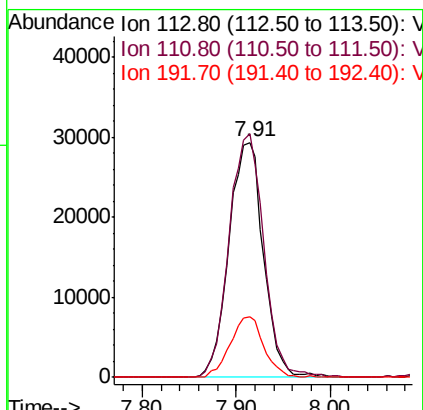
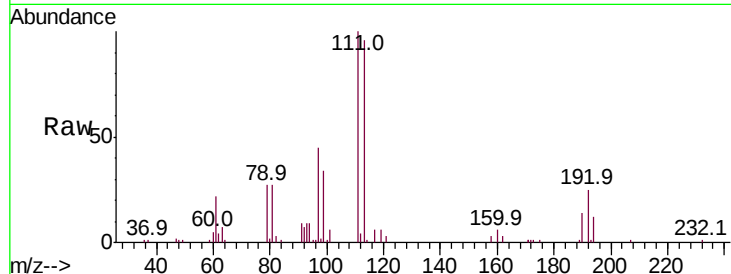




#35
Dibromofluoromethane
Concen: 51.902 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

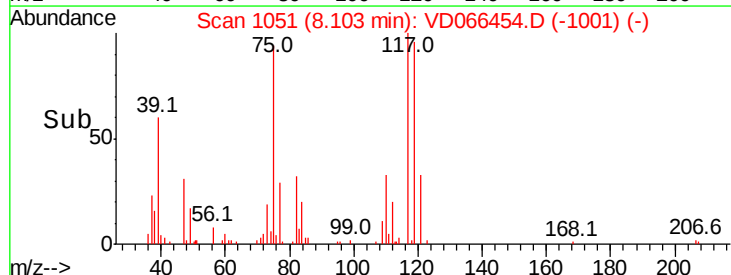
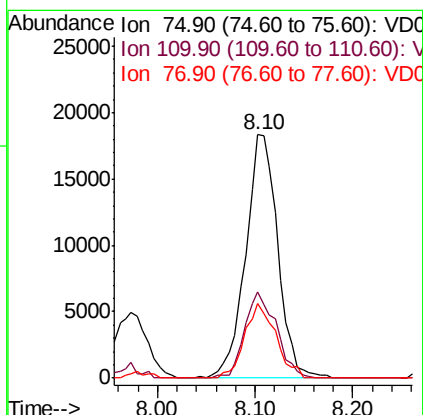
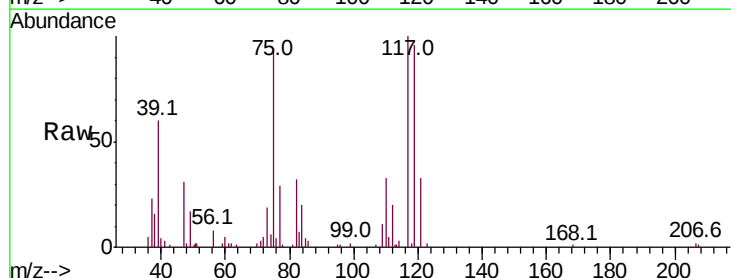
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

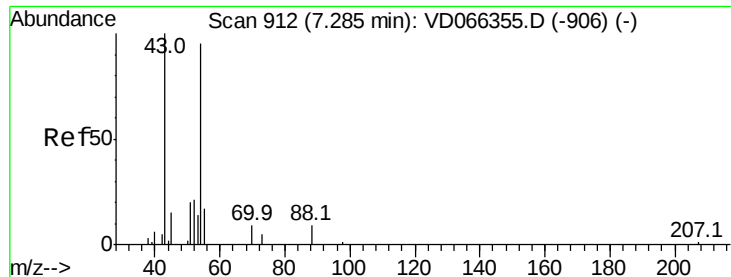
Tot Ion:113 Resp: 74753
Ion Ratio Lower Upper
113 100
111 104.2 80.3 120.5
192 25.0 19.0 28.6



#36
1,1-Dichloropropene
Concen: 20.010 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 75 Resp: 42054
Ion Ratio Lower Upper
75 100
110 34.8 18.7 56.1
77 29.6 25.2 37.8

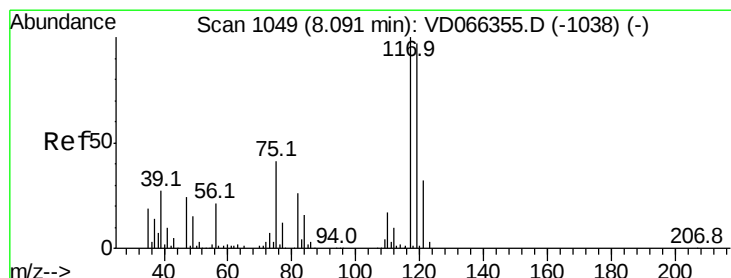
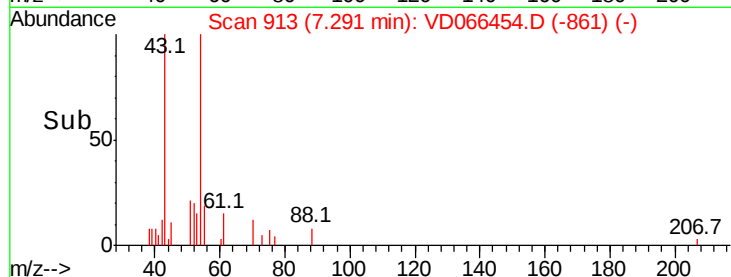
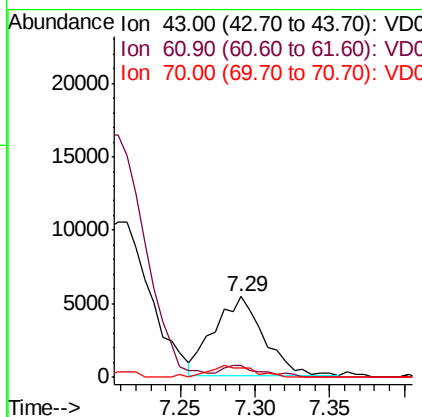
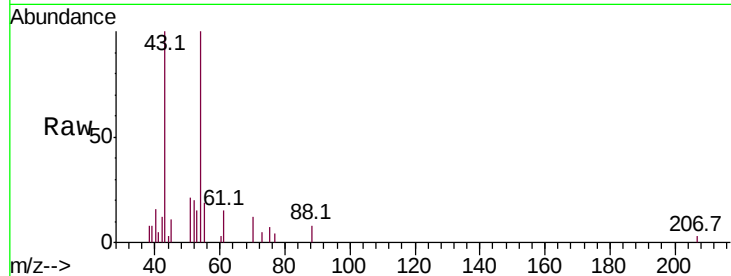




#37
Ethyl Acetate
Concen: 17.280 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

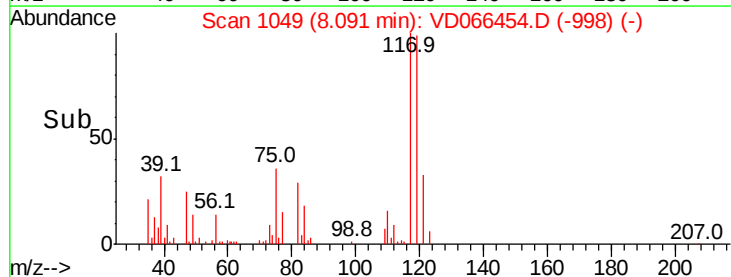
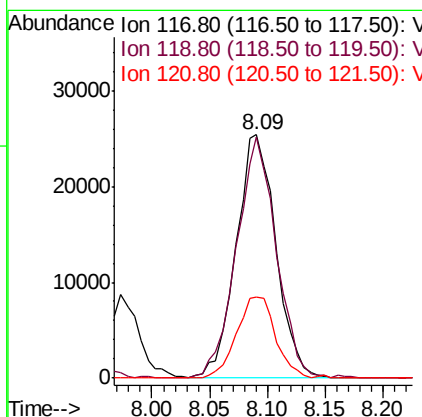
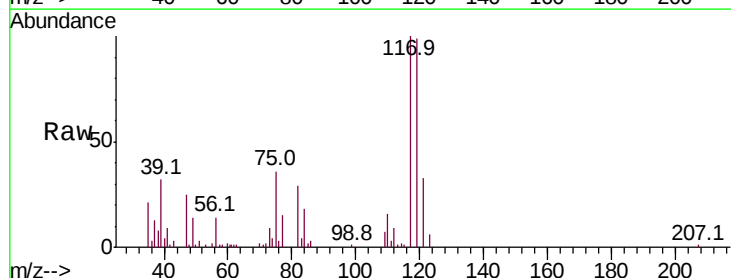
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

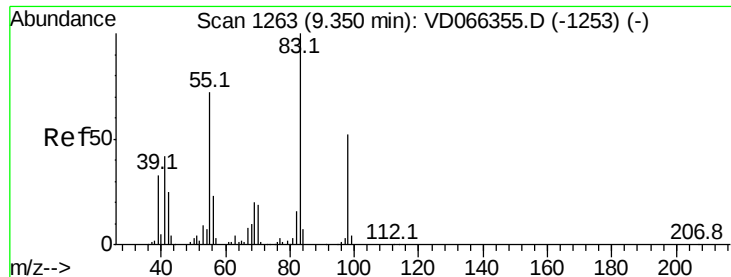
Tot Ion: 43 Resp: 12352
Ion Ratio Lower Upper
43 100
61 11.7 13.3 19.9#
70 13.6 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 22.323 ug/l
RT: 8.09 min Scan# 1049
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 117 Resp: 61122
Ion Ratio Lower Upper
117 100
119 99.2 77.2 115.8
121 33.3 25.8 38.8

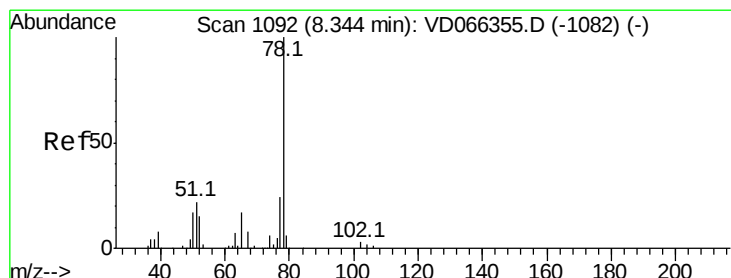
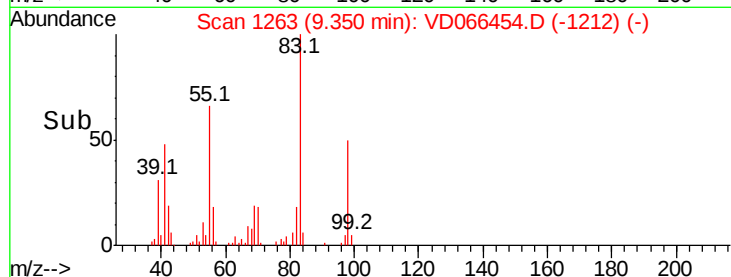
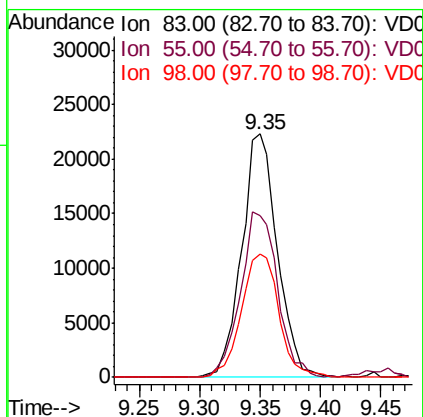
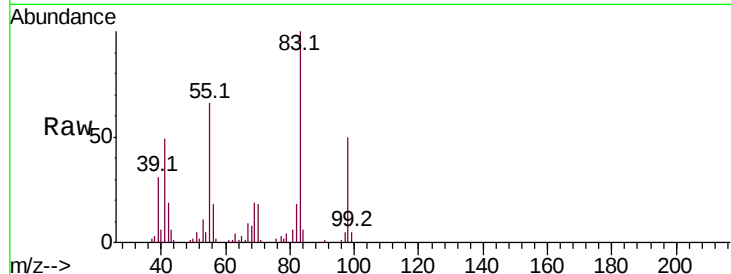




#39
Methvlcvclohexane
Concen: 18.571 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

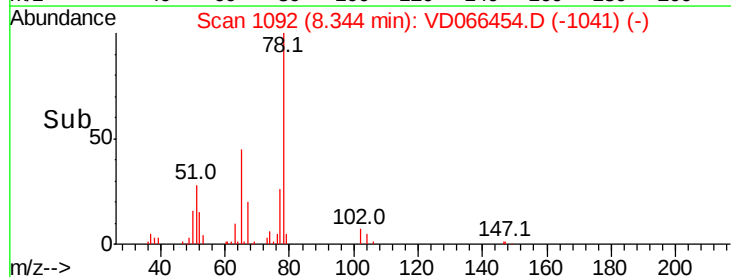
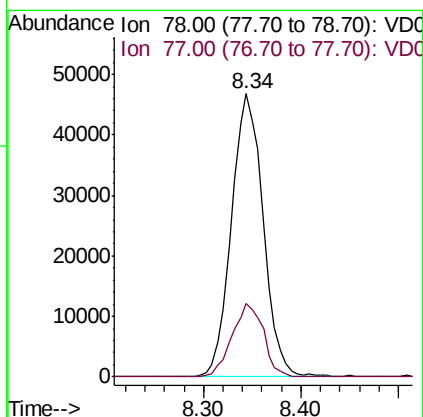
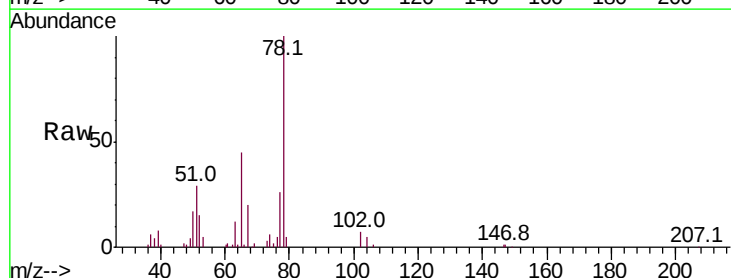
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

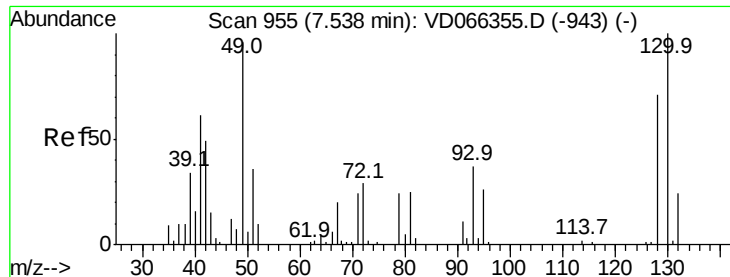
Tot Ion: 83 Resp: 45976
Ion Ratio Lower Upper
83 100
55 66.3 58.0 87.0
98 50.4 41.9 62.9



#40
Benzene
Concen: 19.121 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 78 Resp: 105712
Ion Ratio Lower Upper
78 100
77 26.2 18.8 28.2

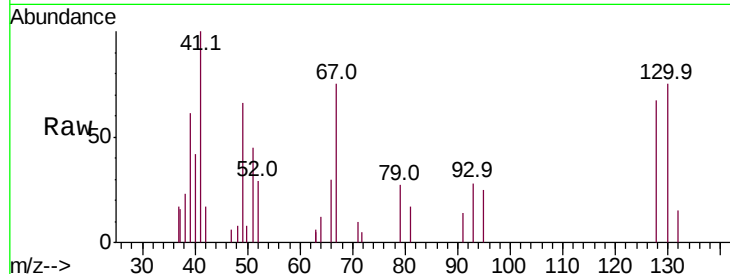




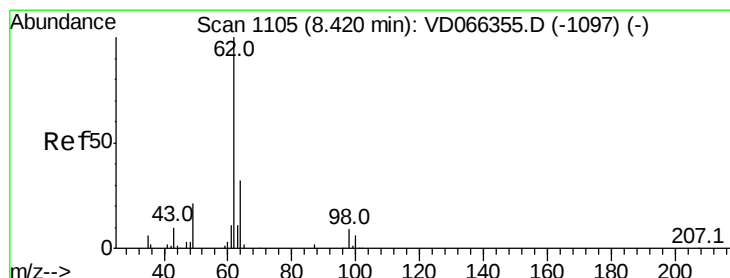
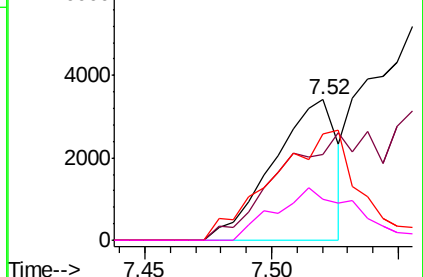
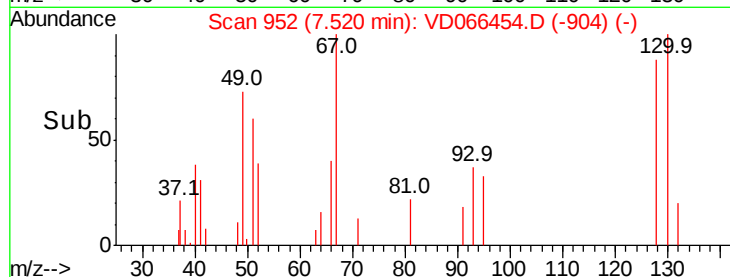
#41
Methacrylonitrile
Concen: 13.593 ug/l
RT: 7.52 min Scan# 952
Delta R.T. -0.02 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tot Ion: 41 Resp: 5992
Ion Ratio Lower Upper
41 100
39 89.8 51.8 77.8#
67 106.5 0.0 0.0#
52 47.1 0.0 0.0#

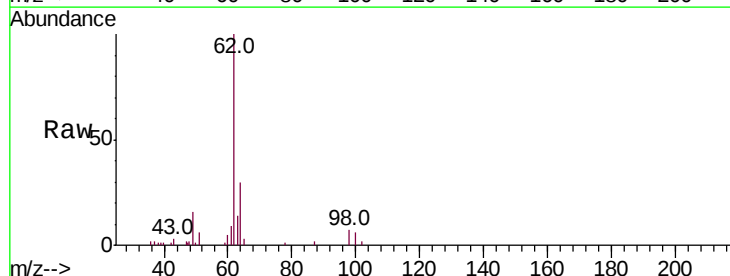


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 39.00 (38.70 to 39.70): VDC
Ion 67.00 (66.70 to 67.70): VDC
Ion 52.00 (51.70 to 52.70): VDC

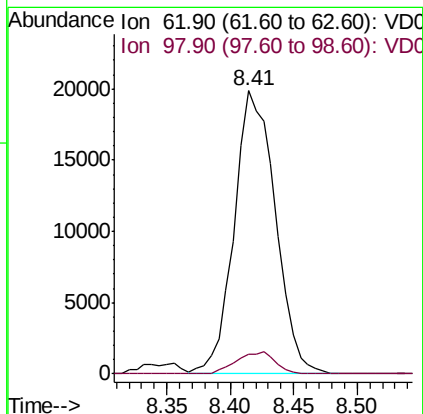
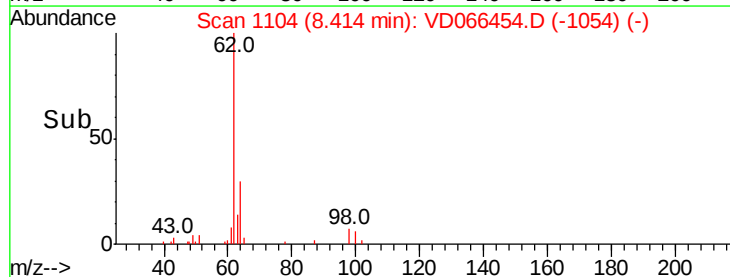


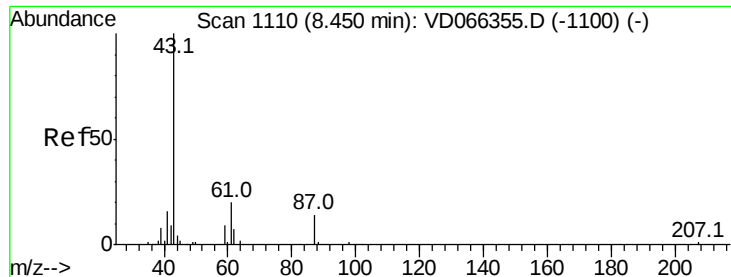
#42
1,2-Dichloroethane
Concen: 23.029 ug/l
RT: 8.41 min Scan# 1104
Delta R.T. -0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 62 Resp: 44842
Ion Ratio Lower Upper
62 100
98 7.3 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC
Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 19.054 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

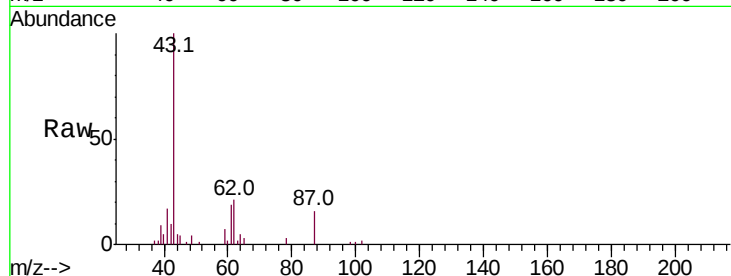
Tot Ion: 43 Resp: 27336

Ion Ratio Lower Upper

43 100

61 0.0 26.5 39.7#

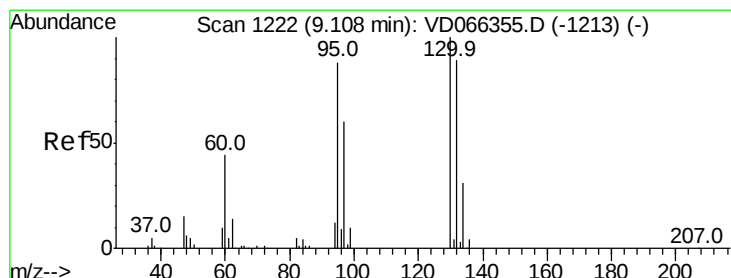
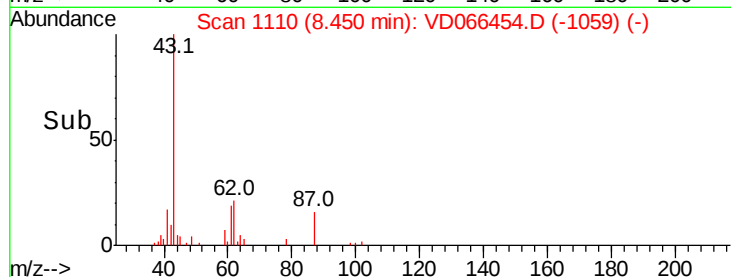
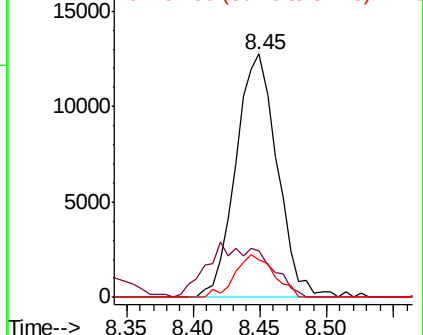
87 16.4 11.9 17.9



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: 19.956 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066454.D

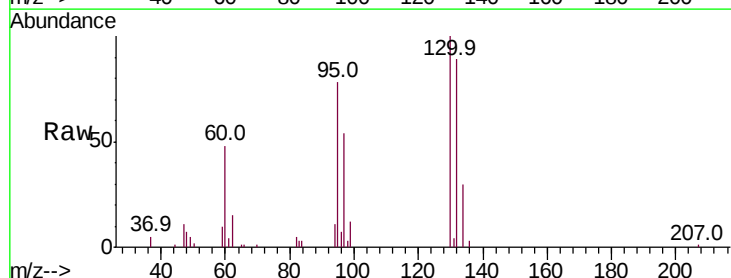
Acq: 28 Aug 2020 12:37

Tgt Ion:130 Resp: 35850

Ion Ratio Lower Upper

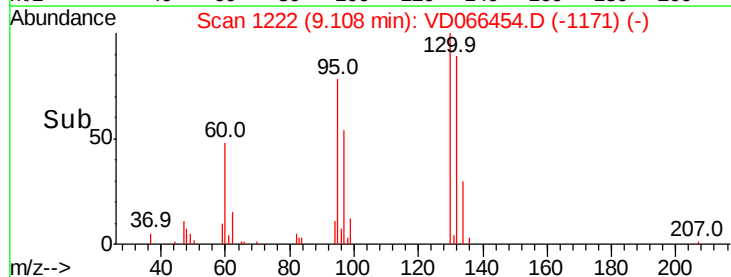
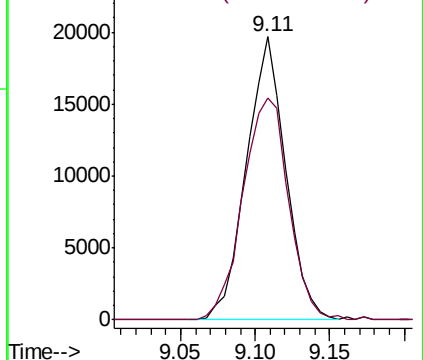
130 100

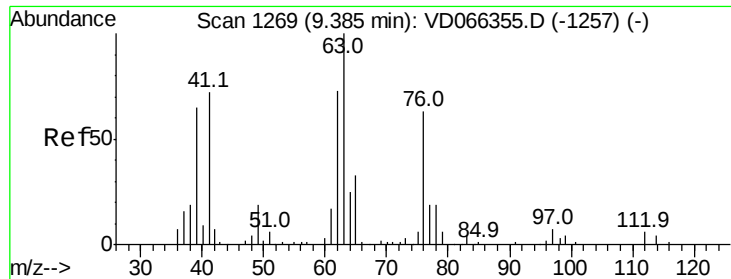
95 78.3 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 17.238 ug/l

RT: 9.38 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

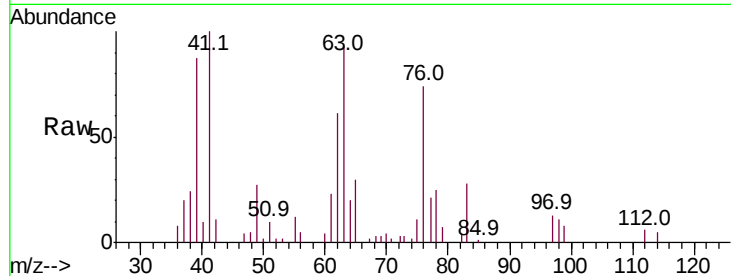
VD0828SBS01

Tot Ion: 63 Resp: 21606

Ion Ratio Lower Upper

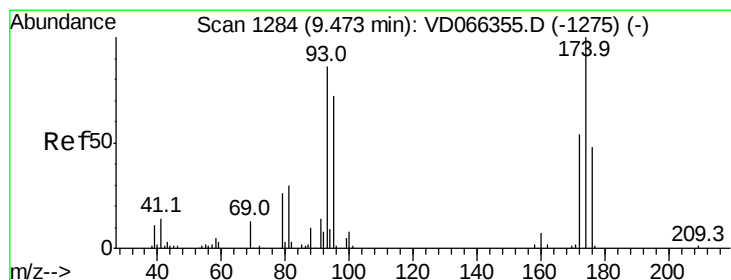
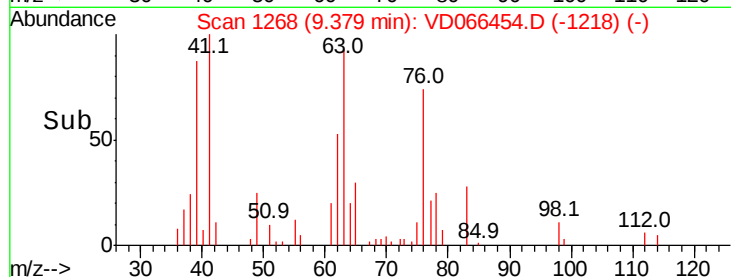
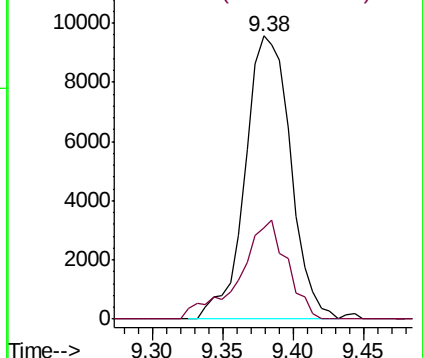
63 100

65 32.4 26.4 39.6



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 20.103 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

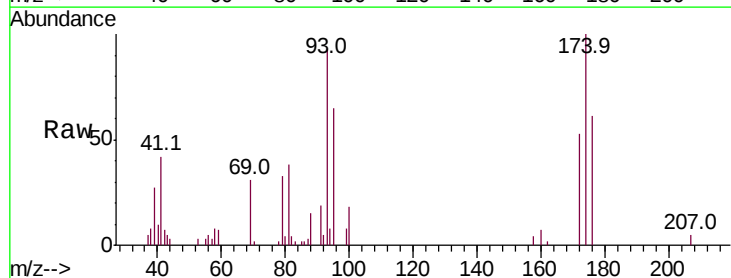
Tgt Ion: 93 Resp: 15688

Ion Ratio Lower Upper

93 100

95 77.0 66.0 99.0

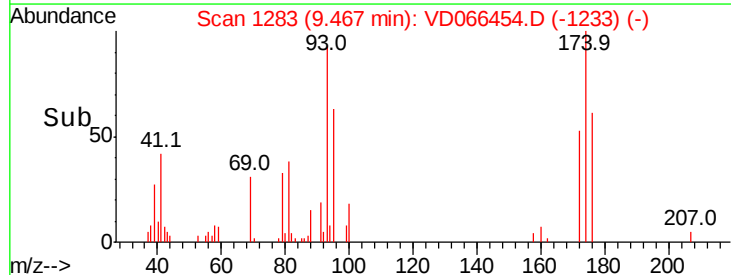
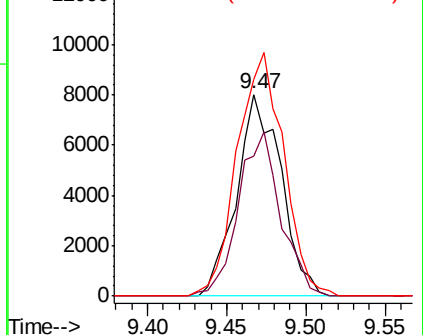
174 125.7 94.6 141.8

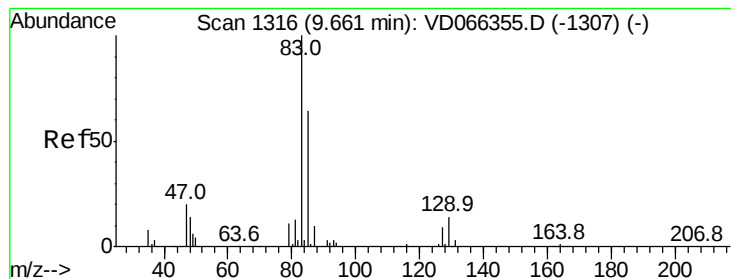


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.999 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

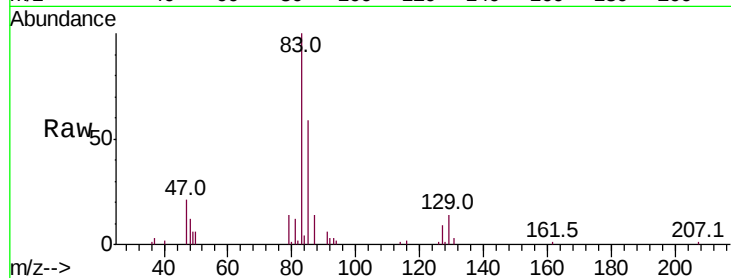
Tot Ion: 83 Resp: 45066

Ion Ratio Lower Upper

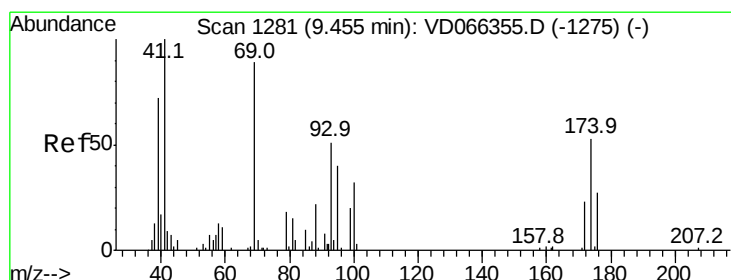
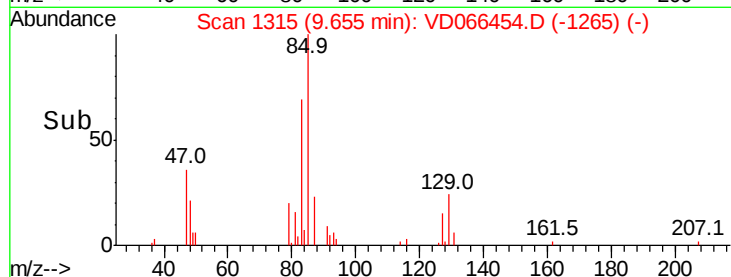
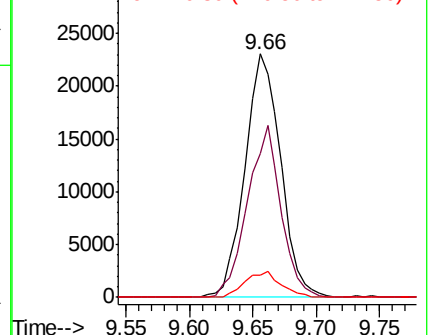
83 100

85 58.8 51.4 77.0

127 9.0 7.4 11.0



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: 20.172 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

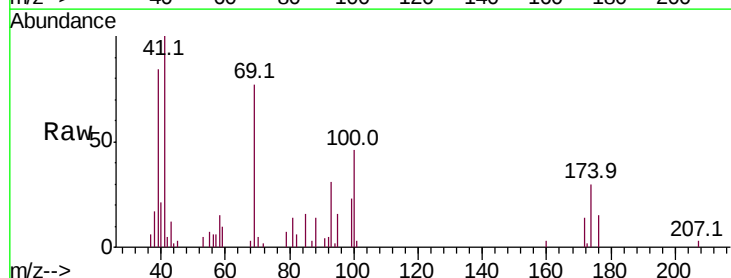
Tgt Ion: 41 Resp: 14924

Ion Ratio Lower Upper

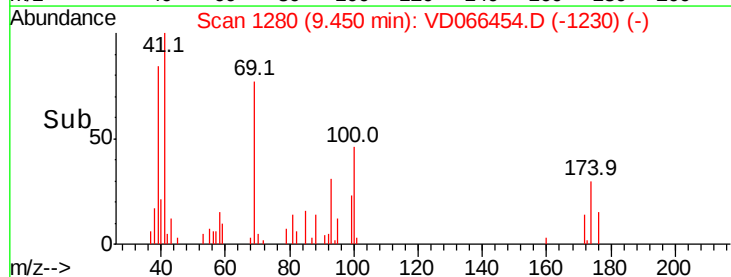
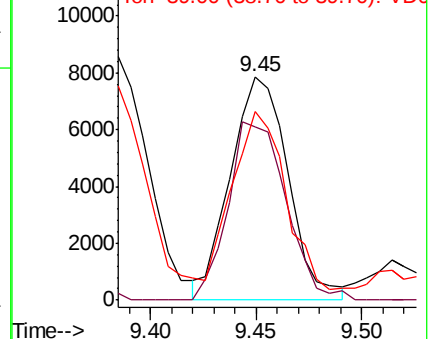
41 100

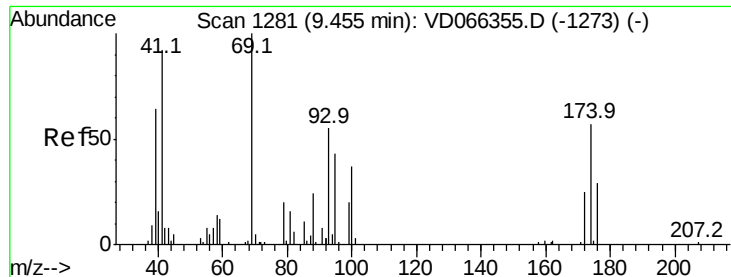
69 80.0 75.5 113.3

39 73.1 57.0 85.4



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: 356.673 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

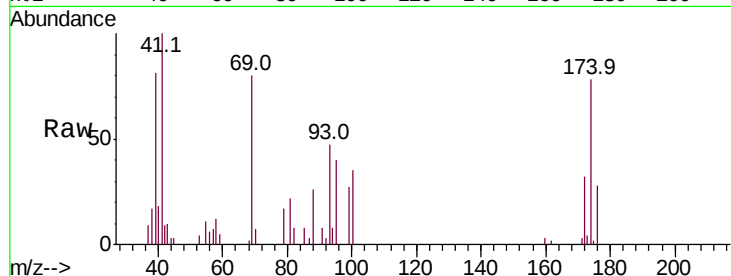
Tot Ion: 88 Resp: 3232

Ion Ratio Lower Upper

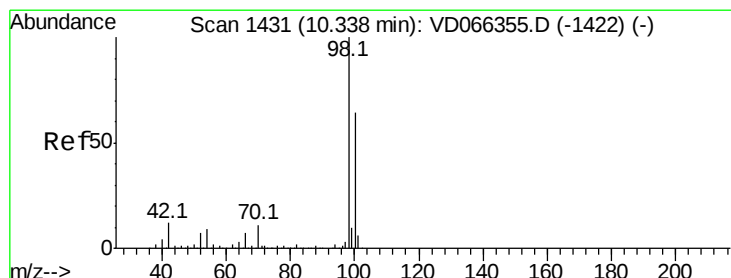
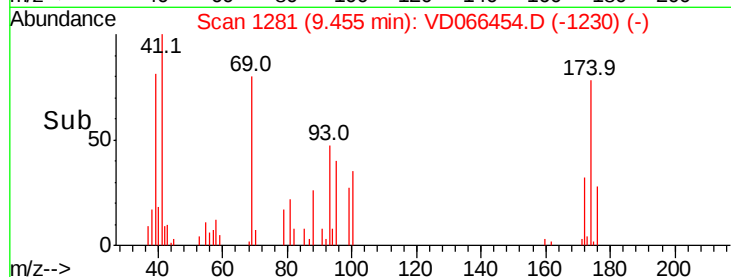
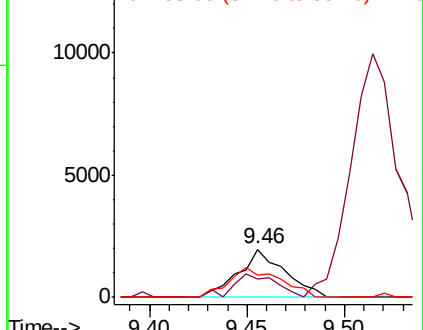
88 100

43 44.4 29.4 44.0#

58 67.3 45.4 68.2



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: 54.359 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066454.D

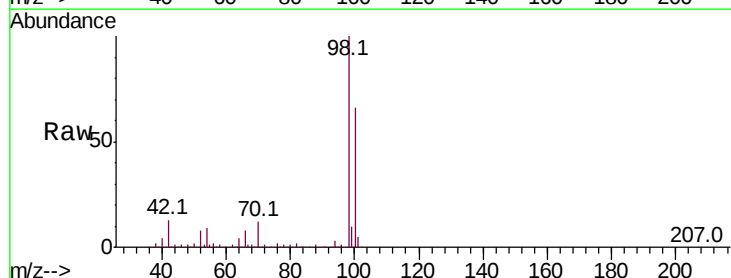
Acq: 28 Aug 2020 12:37

Tgt Ion: 98 Resp: 286463

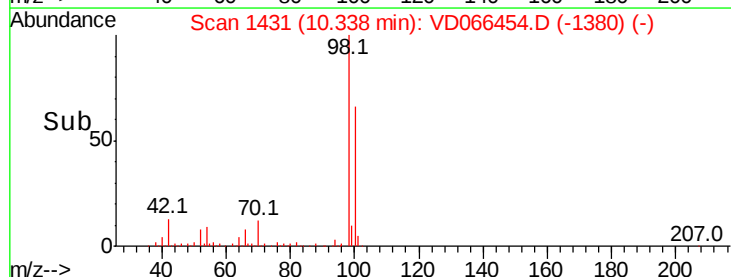
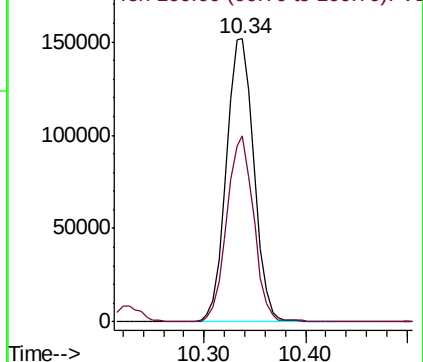
Ion Ratio Lower Upper

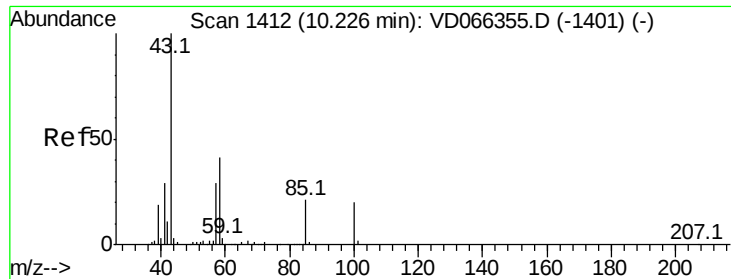
98 100

100 64.1 53.0 79.4



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: 91.125 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

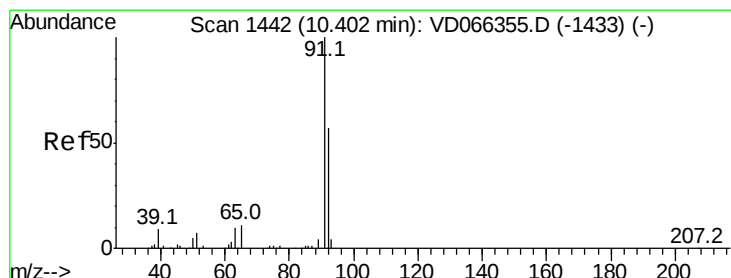
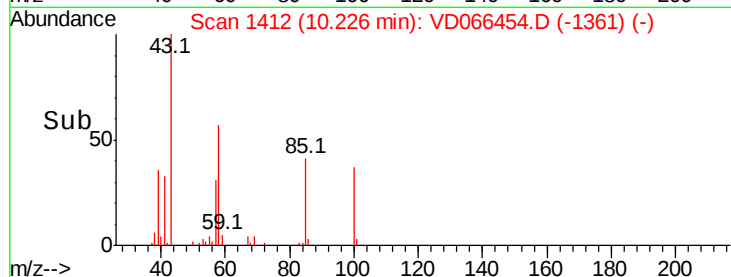
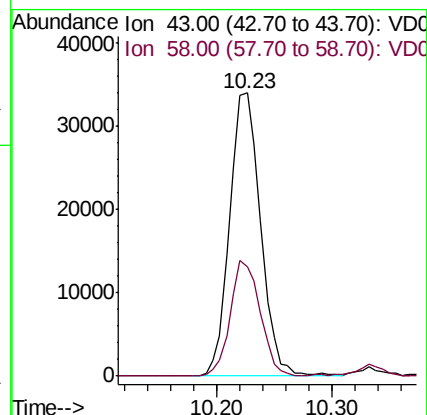
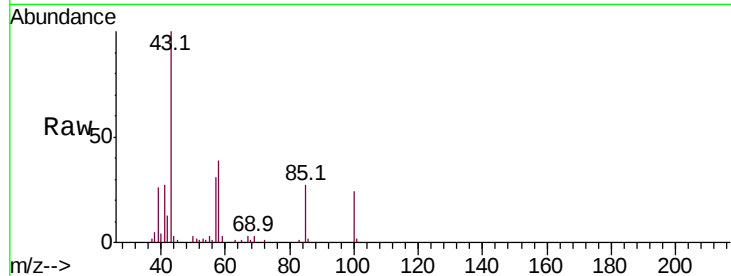
VD0828SBSD01

Tot Ion: 43 Resp: 63245

Ion Ratio Lower Upper

43 100

58 39.1 31.4 47.2



#52

Toluene

Concen: 20.131 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD066454.D

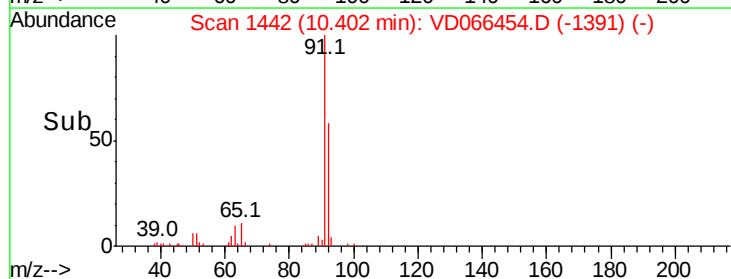
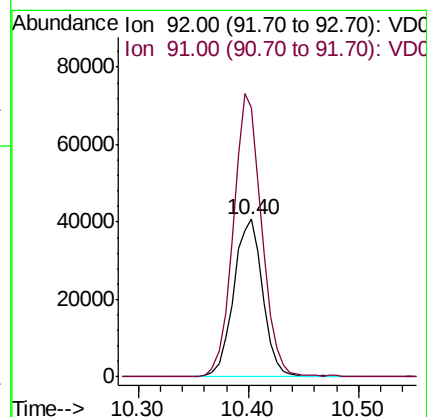
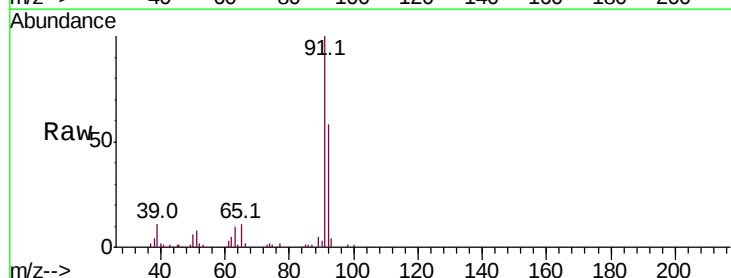
Acq: 28 Aug 2020 12:37

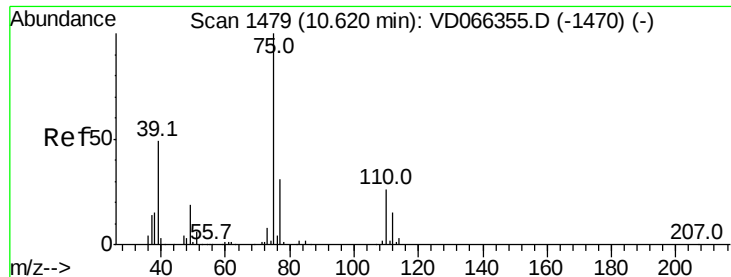
Tgt Ion: 92 Resp: 75406

Ion Ratio Lower Upper

92 100

91 174.6 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 20.228 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

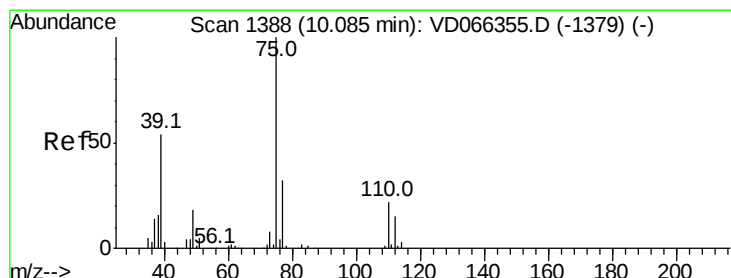
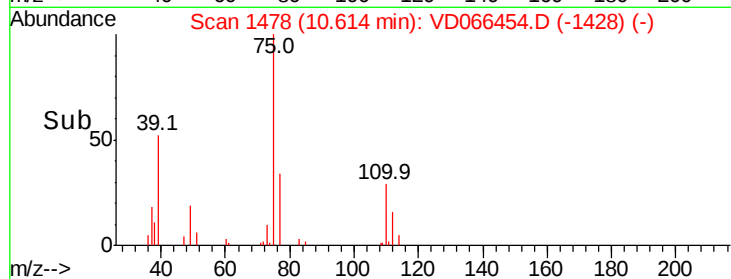
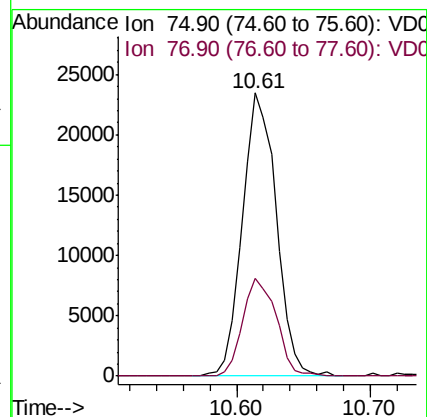
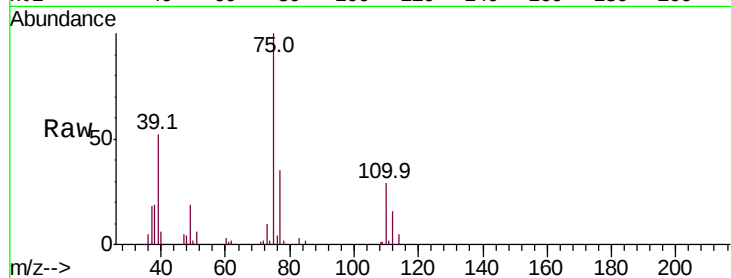
VD0828SBSD01

Tot Ion: 75 Resp: 41192

Ion Ratio Lower Upper

75 100

77 34.6 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 20.165 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

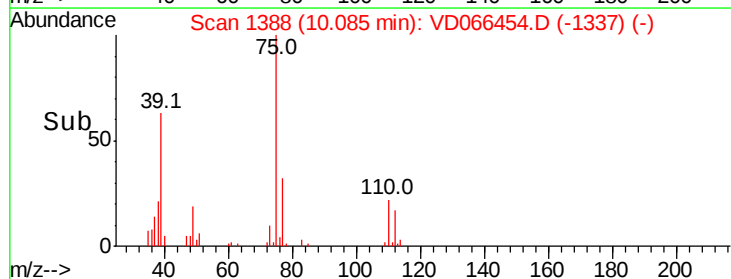
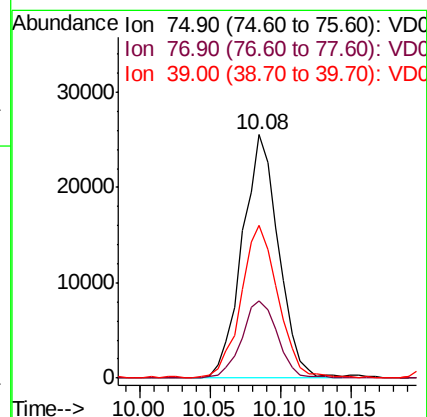
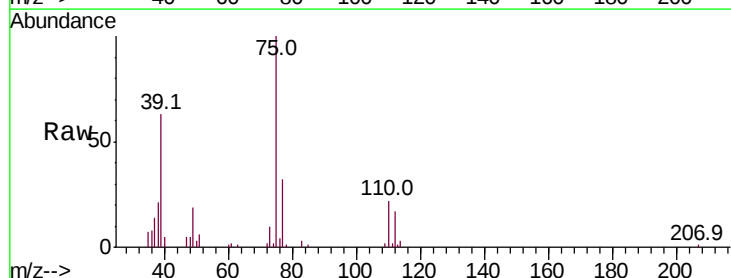
Tgt Ion: 75 Resp: 46092

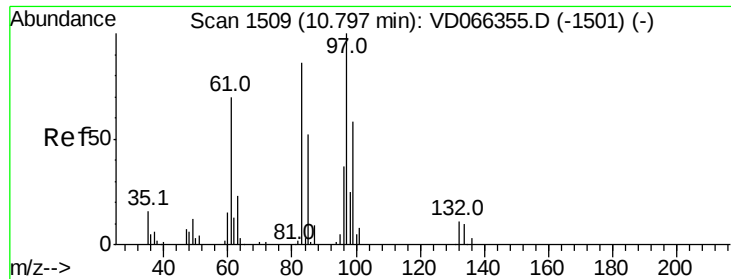
Ion Ratio Lower Upper

75 100

77 31.9 25.6 38.4

39 62.6 43.4 65.0

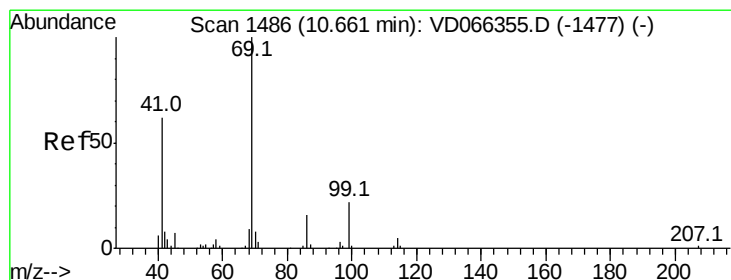
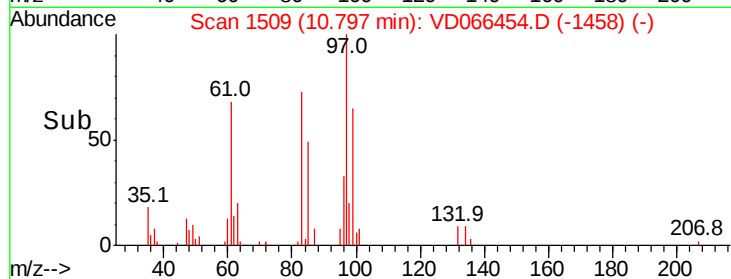
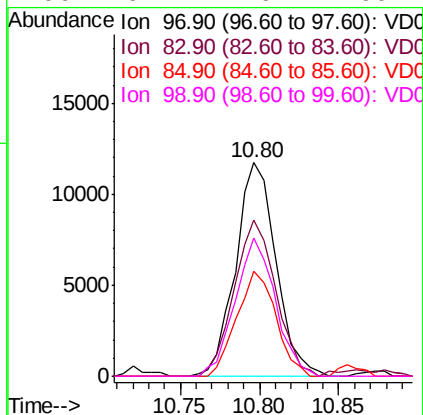
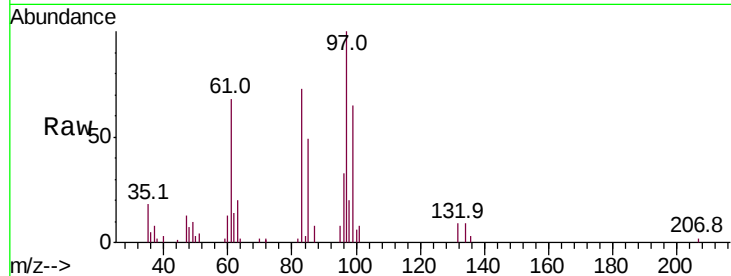




#55
 1,1,2-Trichloroethane
 Concen: 19.630 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

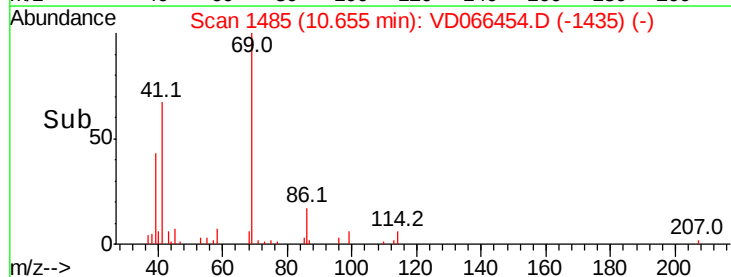
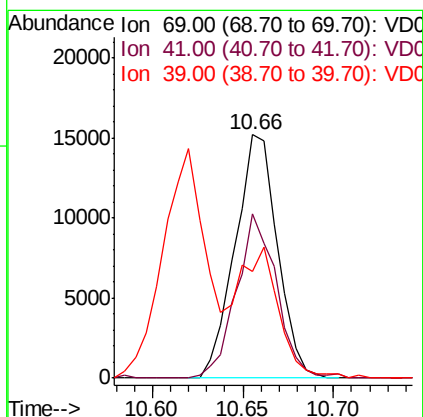
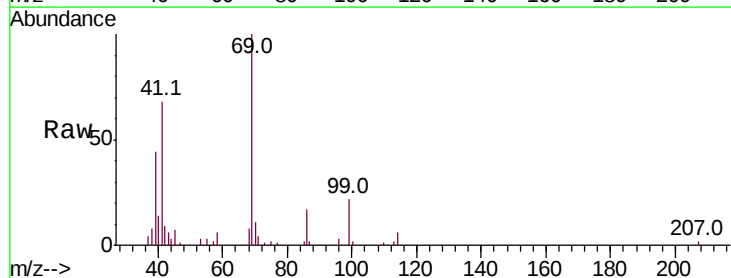
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBSD01

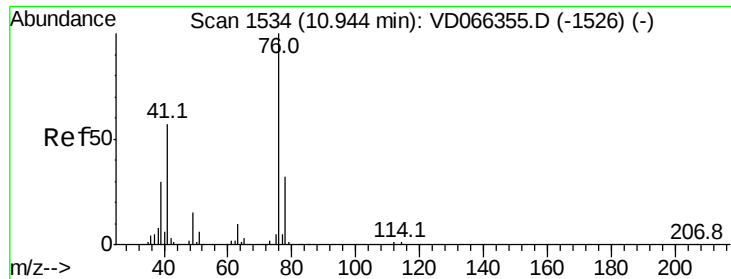
Tot Ion:	97	Resp:	20738
Ion	Ratio	Lower	Upper
97	100		
83	73.2	68.4	102.6
85	49.3	41.3	61.9
99	64.7	46.1	69.1



#56
 Ethyl methacrylate
 Concen: 20.194 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion:	69	Resp:	24697
Ion	Ratio	Lower	Upper
69	100		
41	64.3	50.8	76.2
39	53.4	32.9	49.3#





#57

1,3-Dichloropropane

Concen: 19.127 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

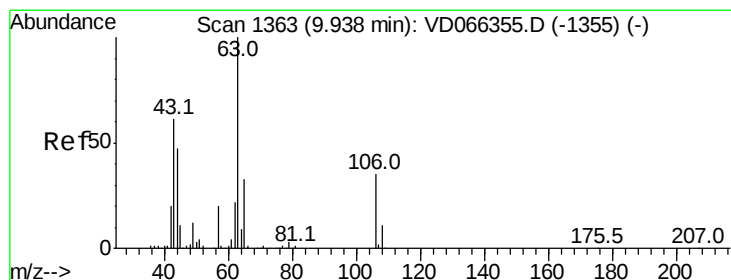
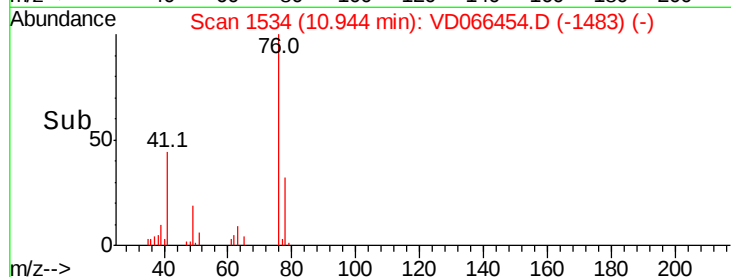
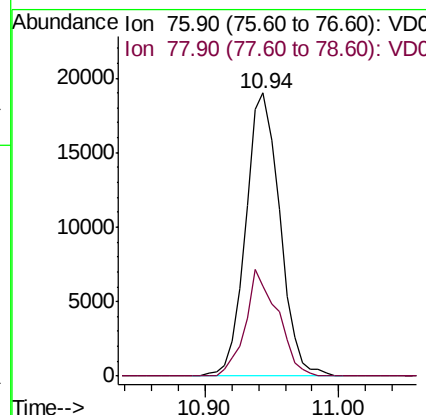
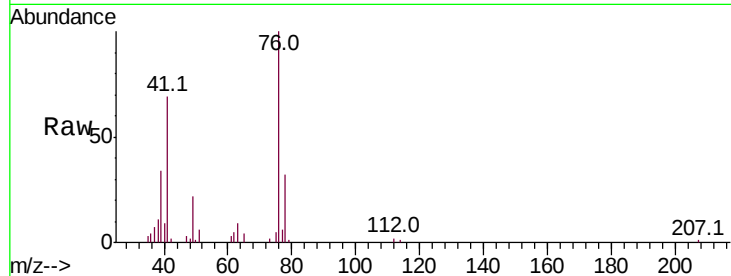
Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tot Ion: 76 Resp: 33425

Ion	Ratio	Lower	Upper
76	100		
78	35.9	25.6	38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.216 ug/l

RT: 9.94 min Scan# 1363

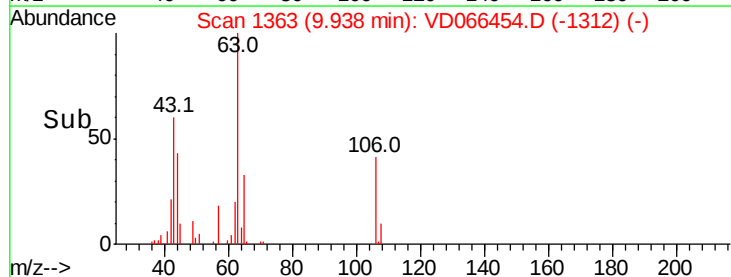
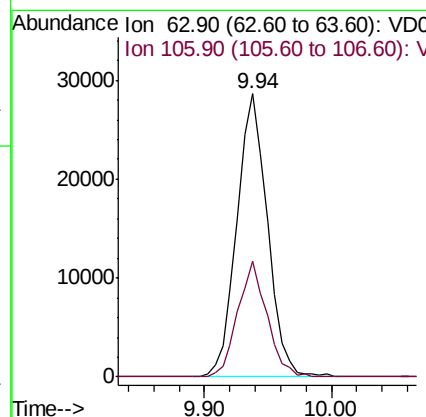
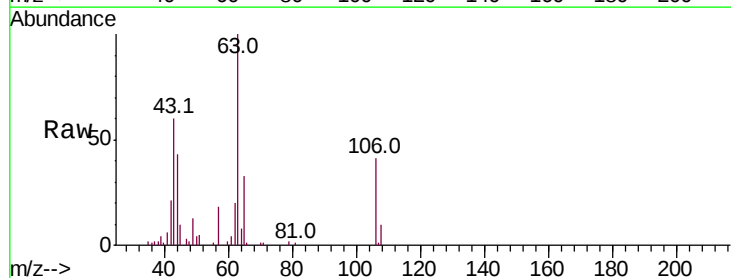
Delta R.T. 0.00 min

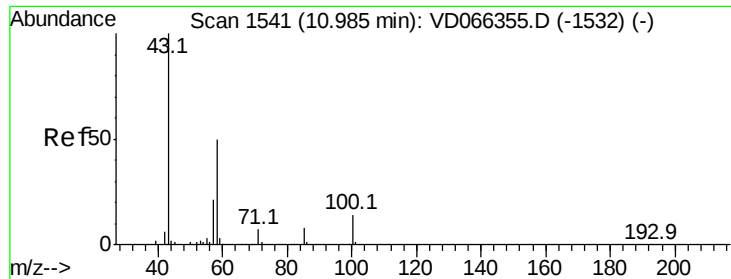
Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Tgt Ion: 63 Resp: 47856

Ion	Ratio	Lower	Upper
63	100		
106	39.0	27.1	40.7

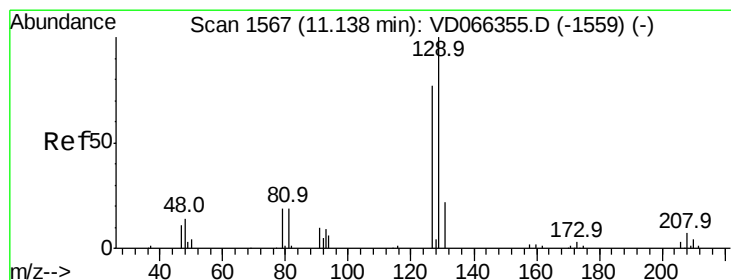
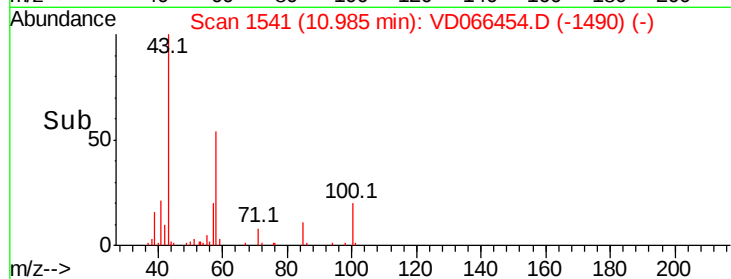
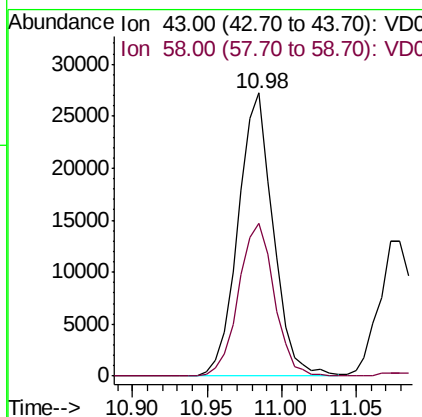
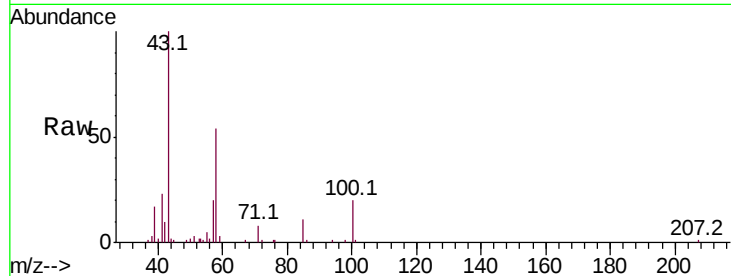




#59
2-Hexanone
Concen: 90.619 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

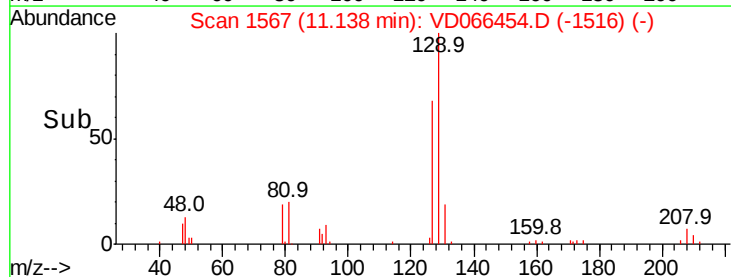
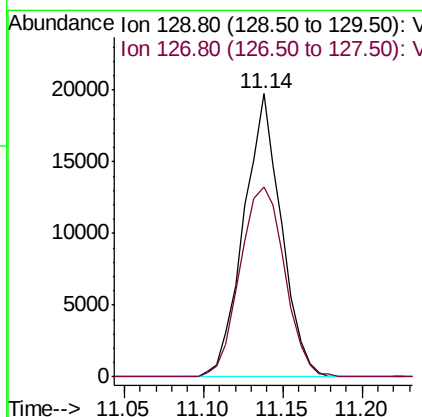
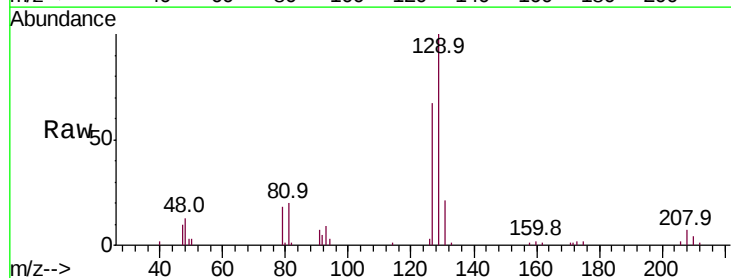
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

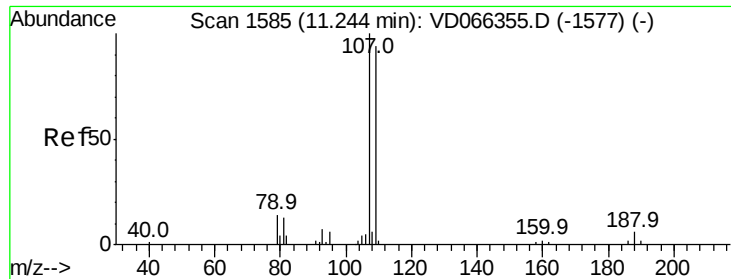
Tot Ion: 43 Resp: 44363
Ion Ratio Lower Upper
43 100
58 55.0 26.3 78.8



#60
Dibromochloromethane
Concen: 20.455 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 129 Resp: 32573
Ion Ratio Lower Upper
129 100
127 79.7 39.0 117.0

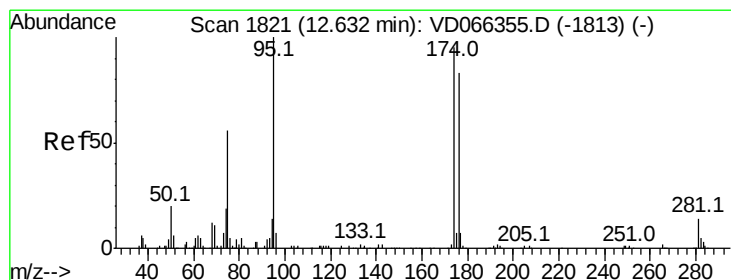
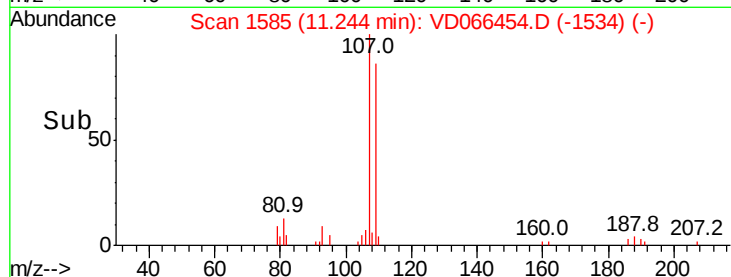
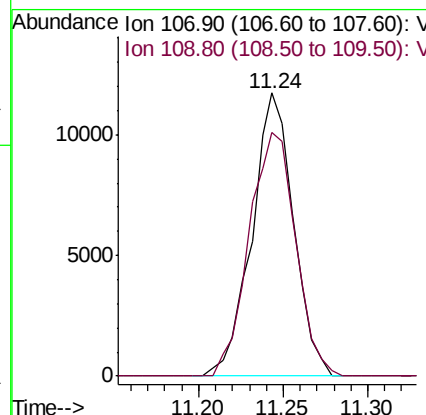
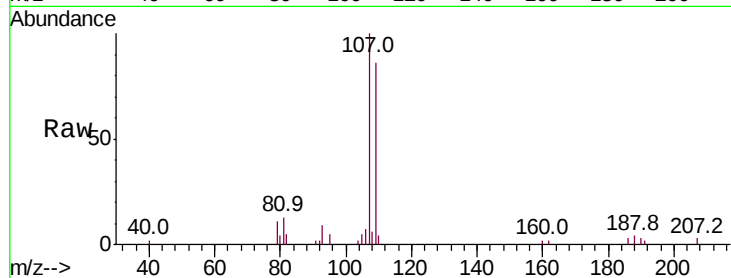




#61
 1,2-Dibromoethane
 Concen: 19.327 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

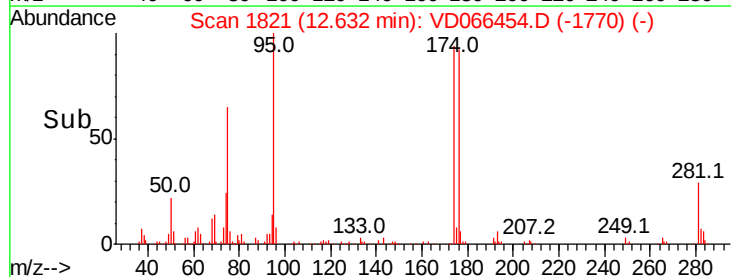
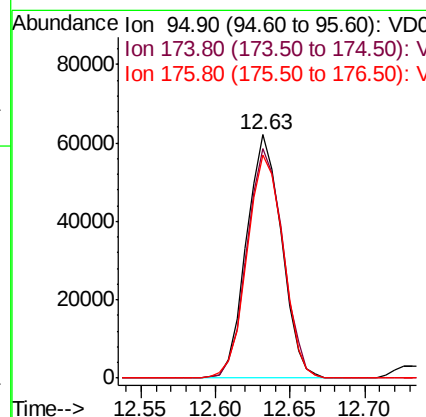
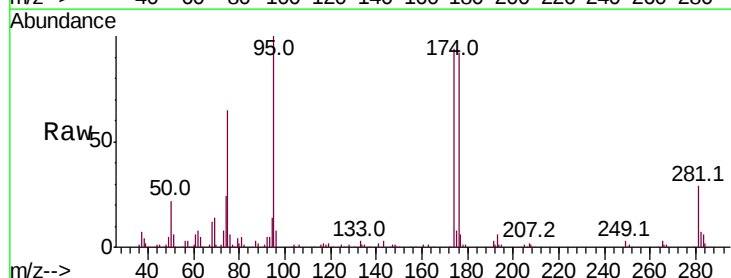
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBSD01

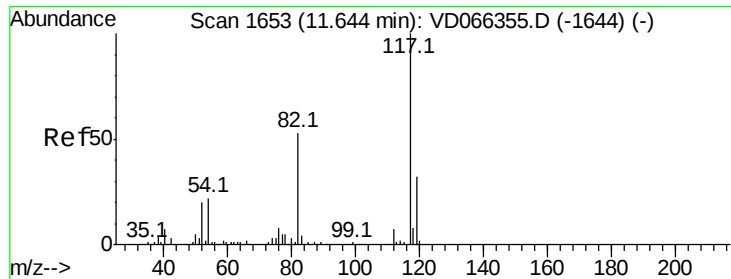
Tot Ion:107 Resp: 20094
 Ion Ratio Lower Upper
 107 100
 109 96.0 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 53.958 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion: 95 Resp: 100898
 Ion Ratio Lower Upper
 95 100
 174 96.6 0.0 183.4
 176 94.5 0.0 173.8

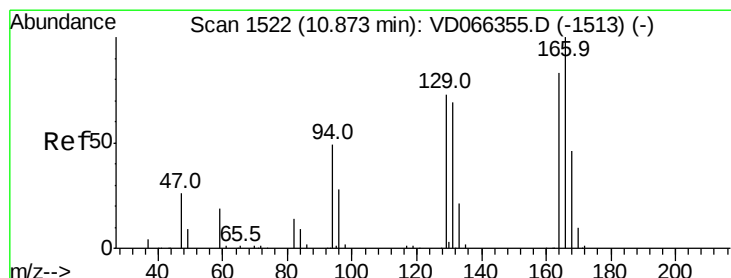
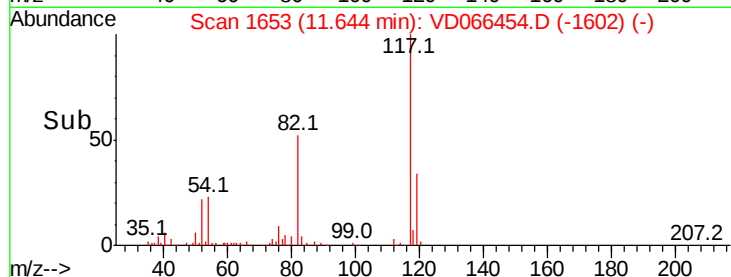
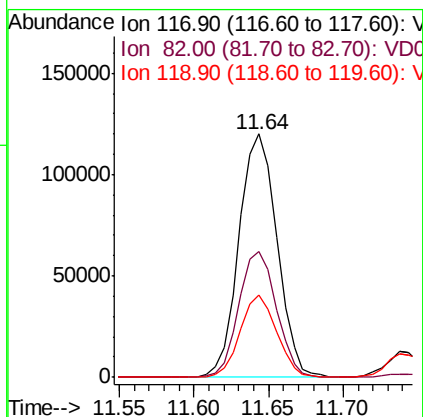
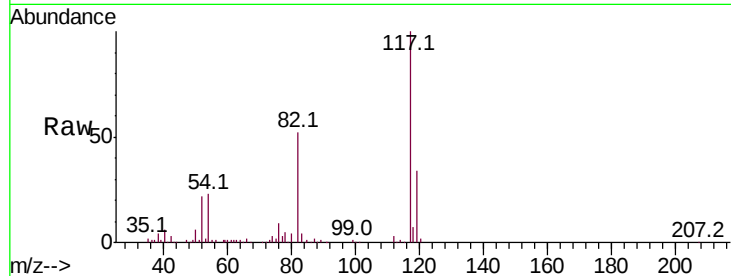




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

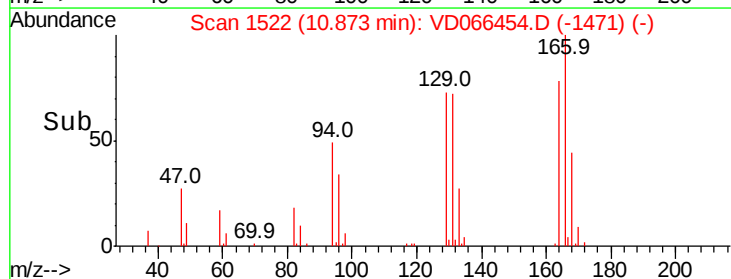
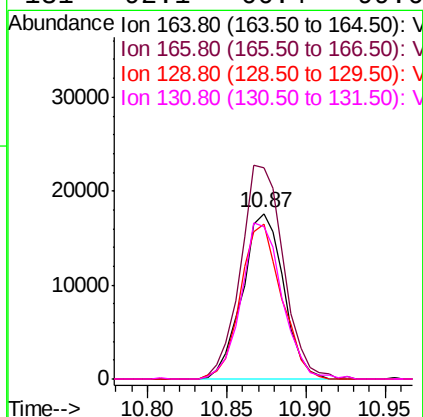
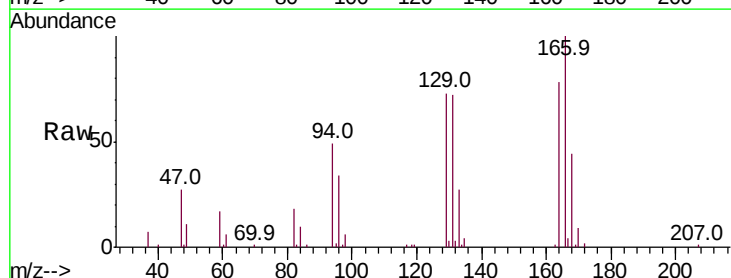
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

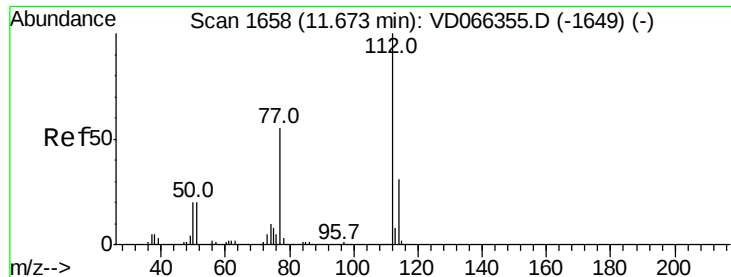
Tot Ion:117 Resp: 212782
Ion Ratio Lower Upper
117 100
82 51.6 42.8 64.2
119 33.6 25.8 38.8



#64
Tetrachloroethene
Concen: 19.742 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion:164 Resp: 31866
Ion Ratio Lower Upper
164 100
166 127.5 96.2 144.4
129 93.3 70.3 105.5
131 92.1 66.4 99.6





#65

Chlorobenzene

Concen: 19.939 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

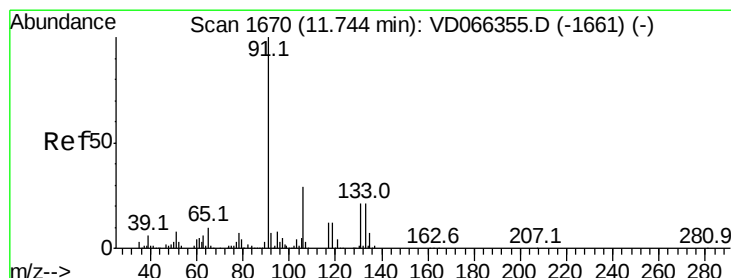
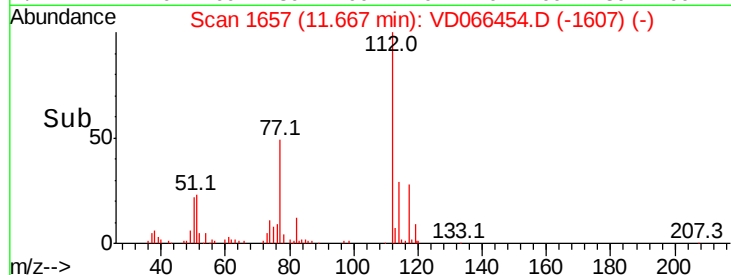
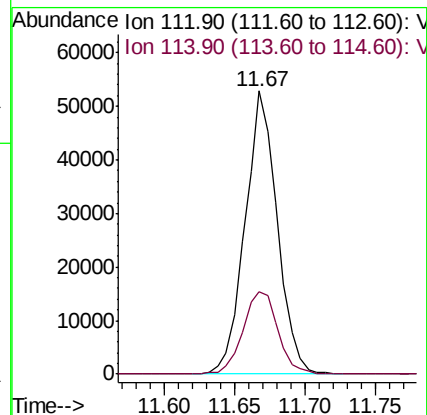
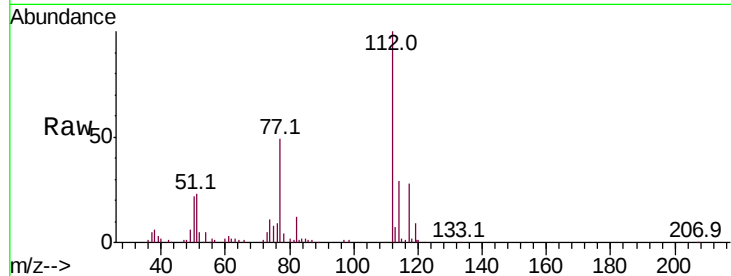
VD0828SBSD01

Tot Ion:112 Resp: 84407

Ion Ratio Lower Upper

112 100

114 29.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.783 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

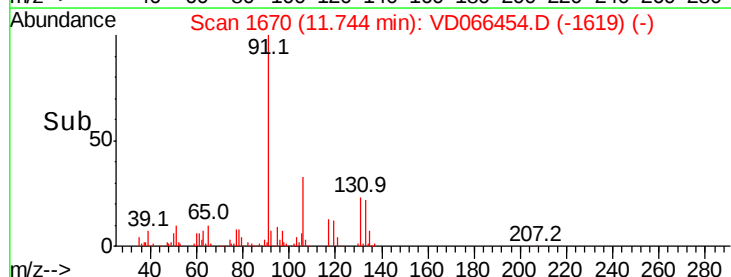
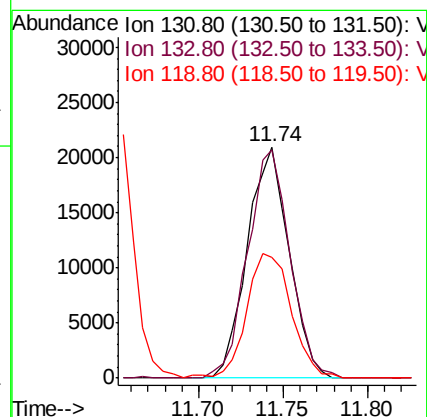
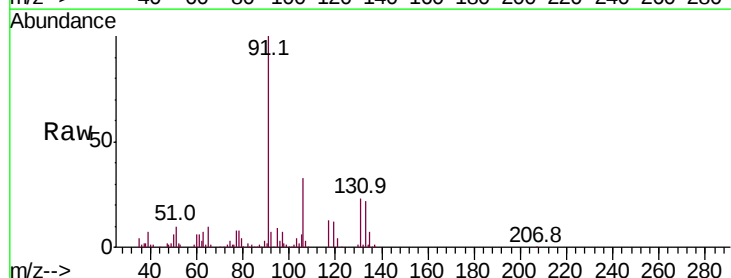
Tgt Ion:131 Resp: 35955

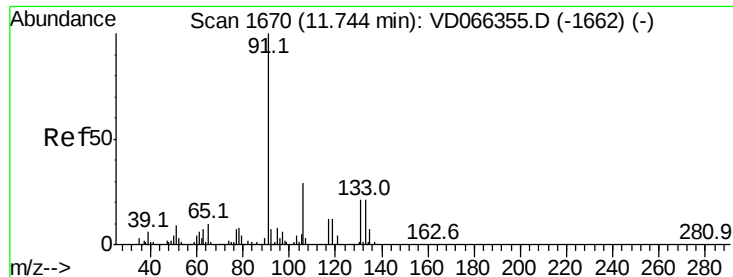
Ion Ratio Lower Upper

131 100

133 100.3 48.6 145.9

119 57.8 29.0 87.1





#67

Ethyl Benzene

Concen: 20.172 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

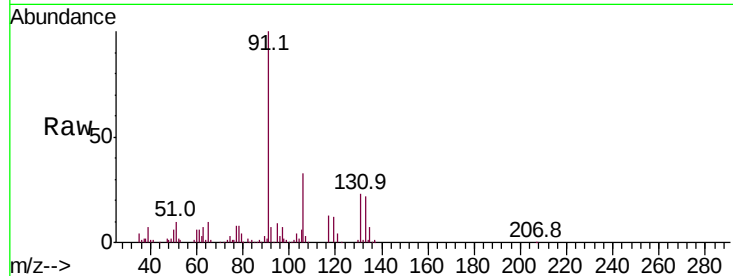
VD0828SBS01

Tot Ion: 91 Resp: 150313

Ion Ratio Lower Upper

91 100

106 32.7 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066454.D (-1670) (-)

Ion 106.00 (105.70 to 106.70): VD066454.D (-1670) (-)

150000

100000

50000

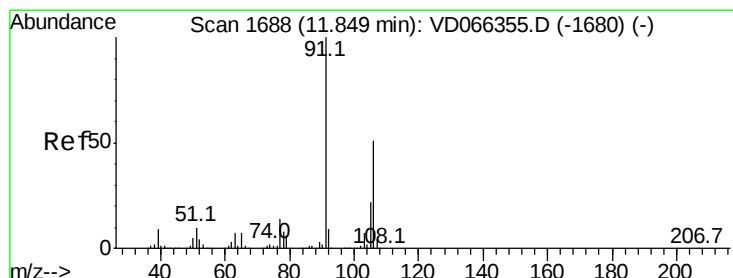
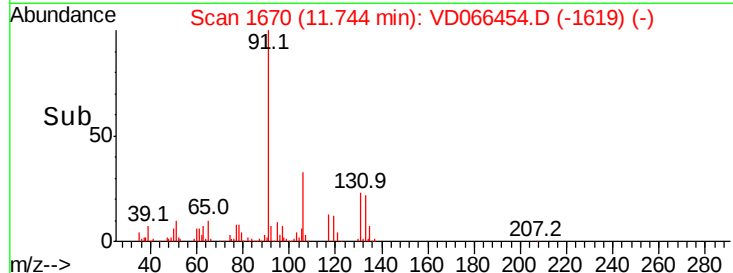
0

11.74

11.75

11.80

Time-->



#68

m/p-Xylenes

Concen: 42.418 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066454.D

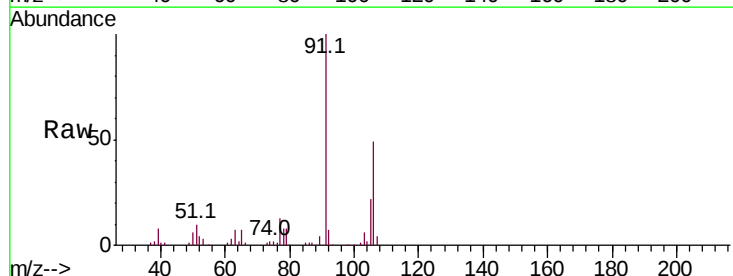
Acq: 28 Aug 2020 12:37

Tgt Ion: 106 Resp: 120479

Ion Ratio Lower Upper

106 100

91 202.0 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066454.D (-1688) (-)

Ion 91.00 (90.70 to 91.70): VD066454.D (-1688) (-)

150000

100000

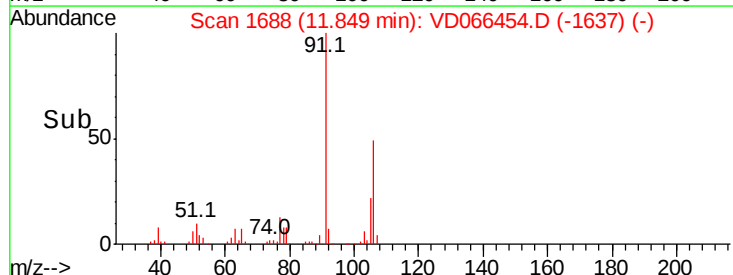
50000

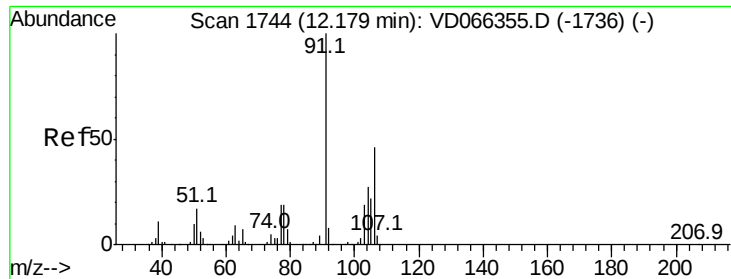
0

11.85

11.90

Time-->

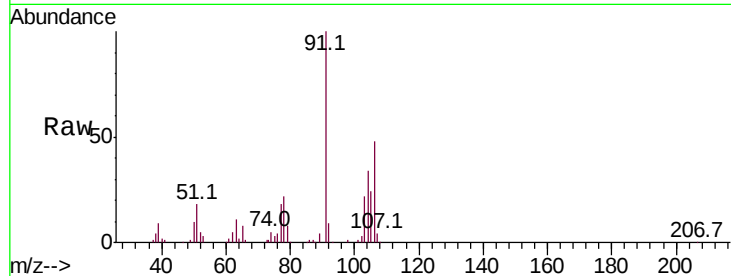




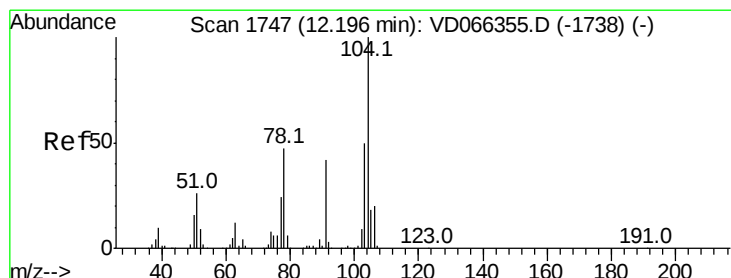
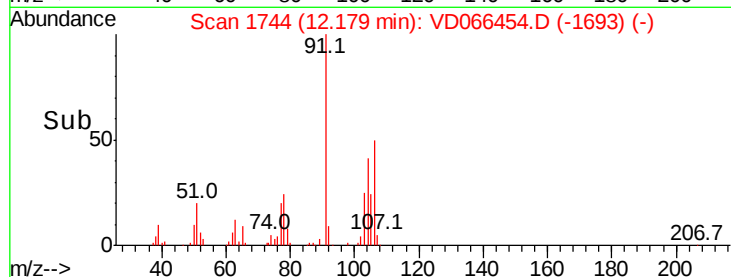
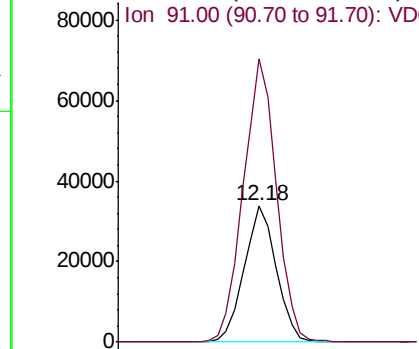
#69
o-Xylene
Concen: 20.443 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

Tot Ion:106 Resp: 54016
Ion Ratio Lower Upper
106 100
91 213.7 109.1 327.3

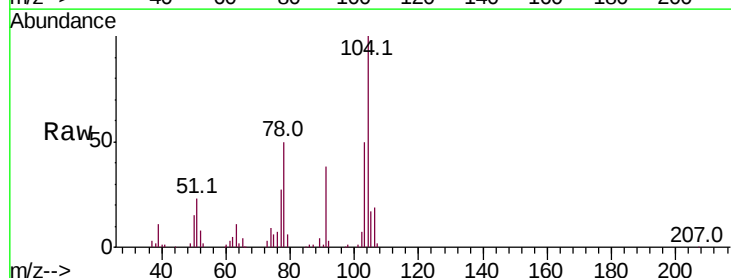


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

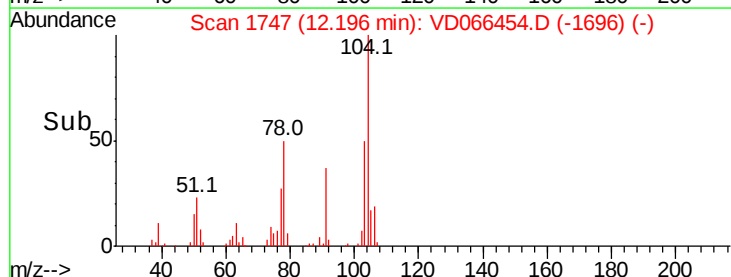
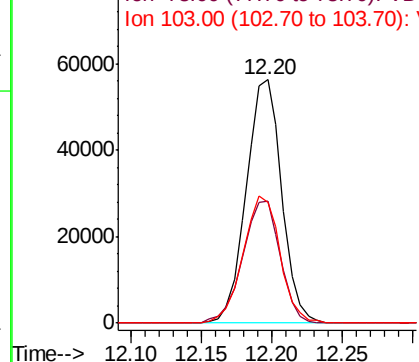


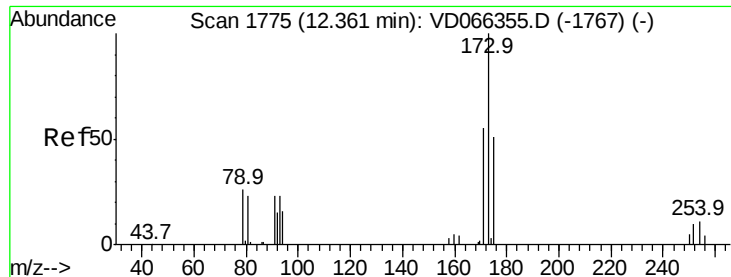
#70
Styrene
Concen: 21.827 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion:104 Resp: 99026
Ion Ratio Lower Upper
104 100
78 53.1 41.7 62.5
103 54.8 43.5 65.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 22.096 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

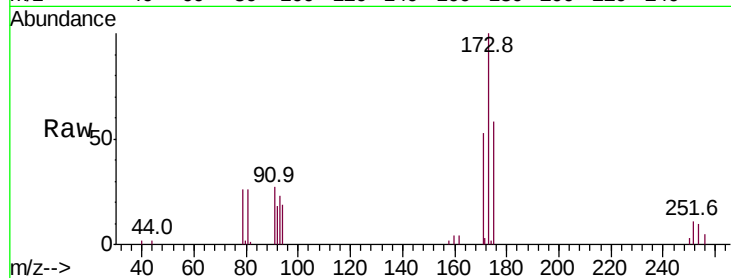
Tot Ion:173 Resp: 21688

Ion Ratio Lower Upper

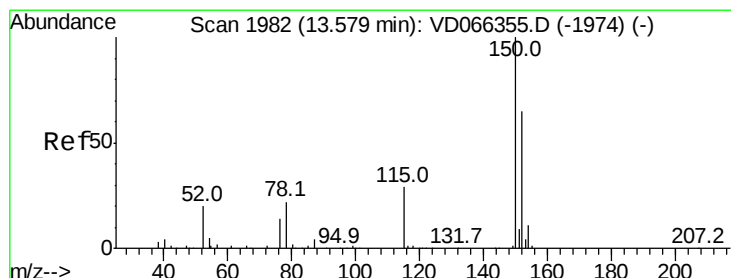
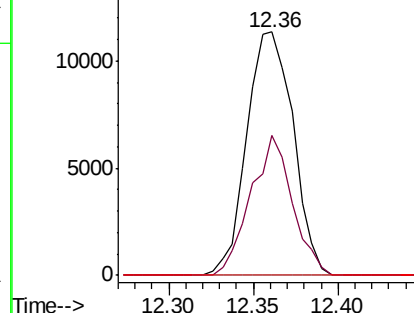
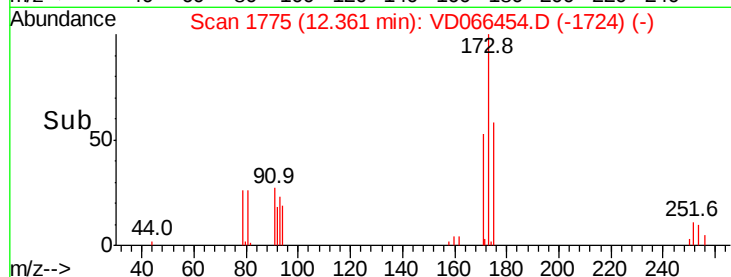
173 100

175 51.6 24.8 74.3

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

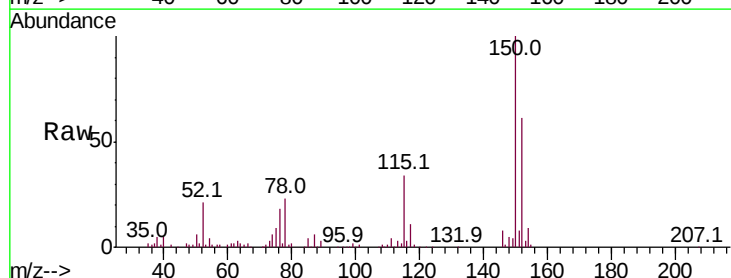
Tgt Ion:152 Resp: 113785

Ion Ratio Lower Upper

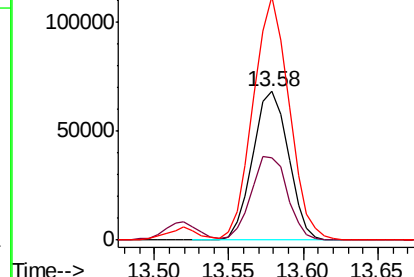
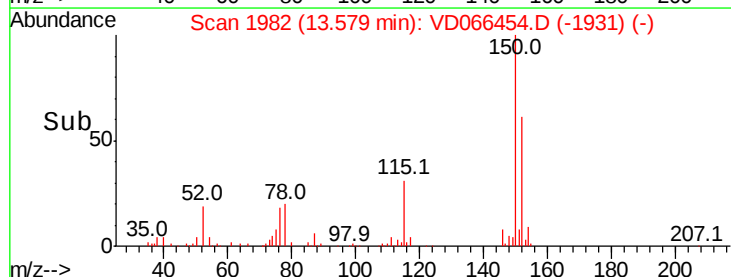
152 100

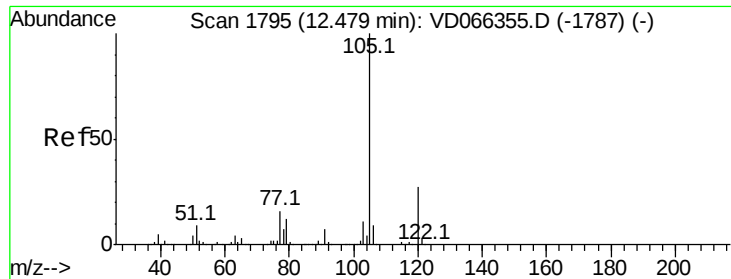
115 57.3 28.3 85.0

150 164.3 0.0 343.2



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

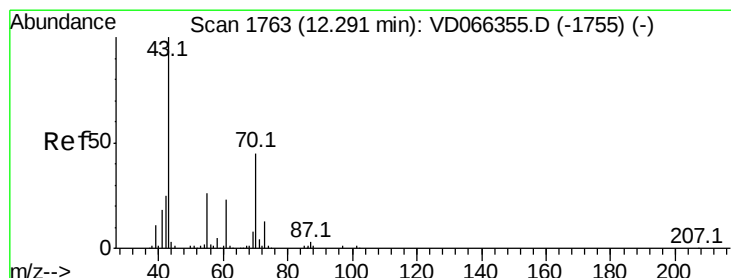
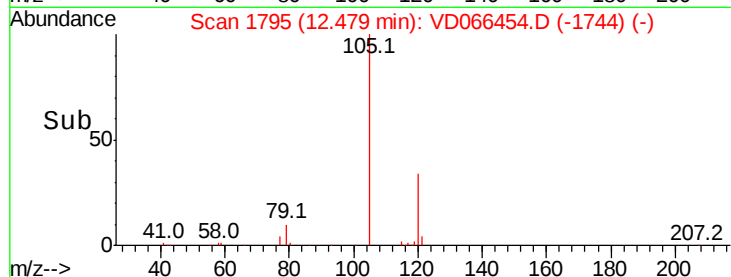
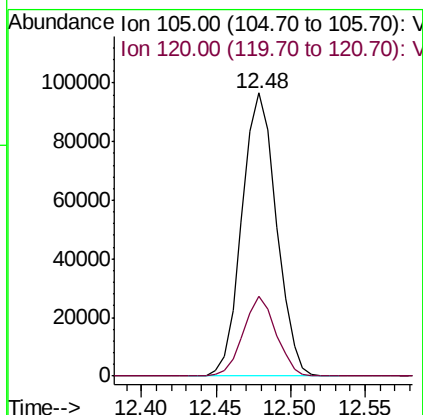
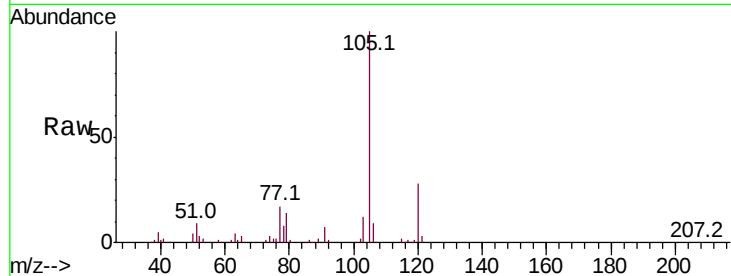




#73
Isopropylbenzene
Concen: 20.355 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

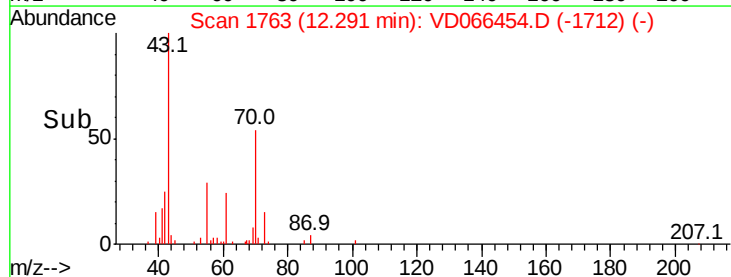
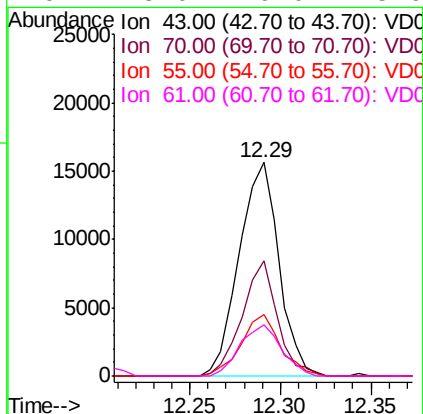
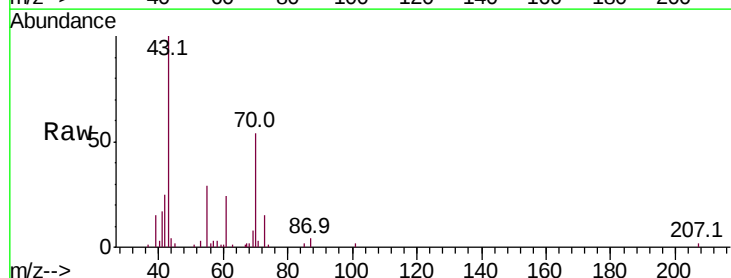
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

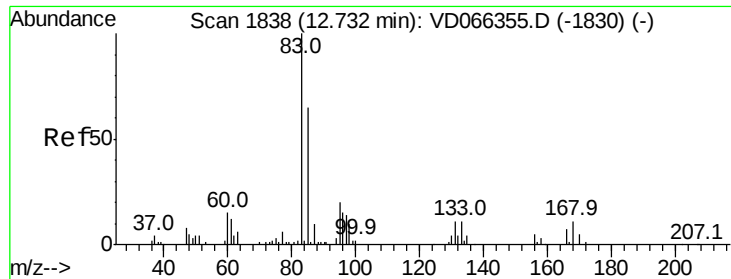
Tot Ion:105 Resp: 155152
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8



#74
N-ethyl acetate
Concen: 17.314 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 43 Resp: 23836
Ion Ratio Lower Upper
43 100
70 47.9 34.8 52.2
55 28.5 20.3 30.5
61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.277 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

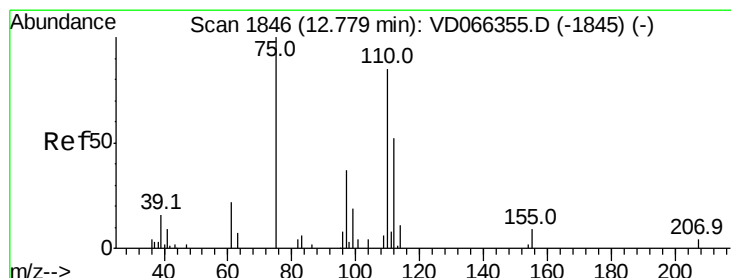
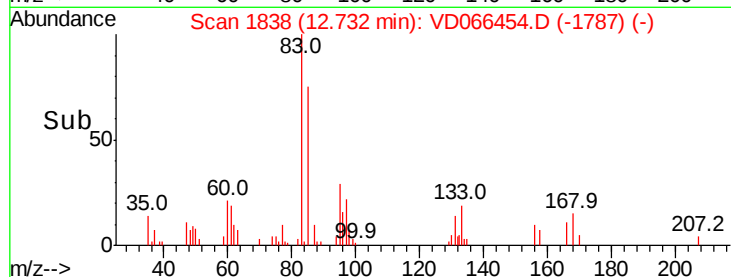
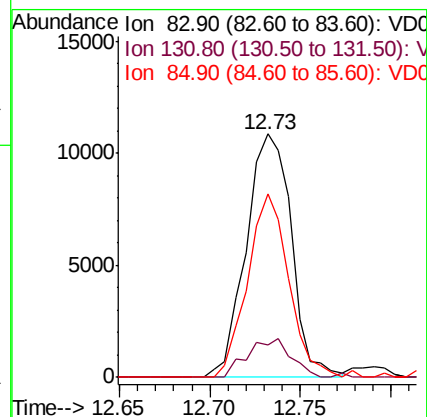
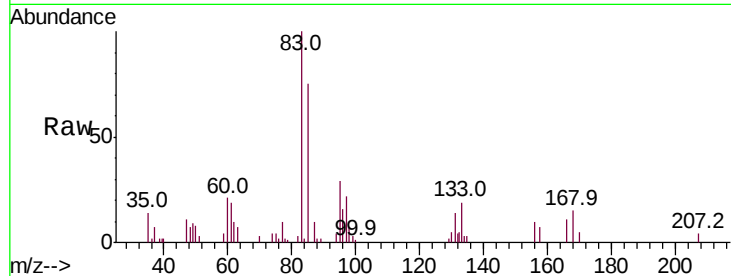
Tot Ion: 83 Resp: 18813

Ion Ratio Lower Upper

83 100

131 15.3 7.0 20.9

85 68.5 32.4 97.0



#76

1,2,3-Trichloropropane

Concen: 39.469 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VD066454.D

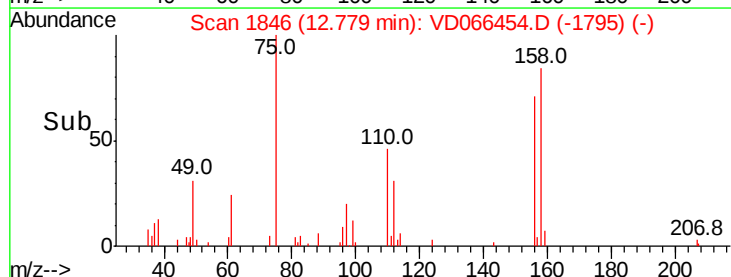
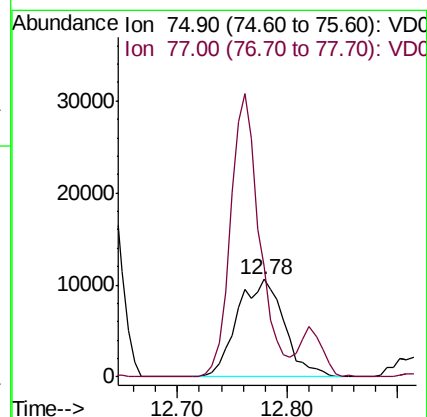
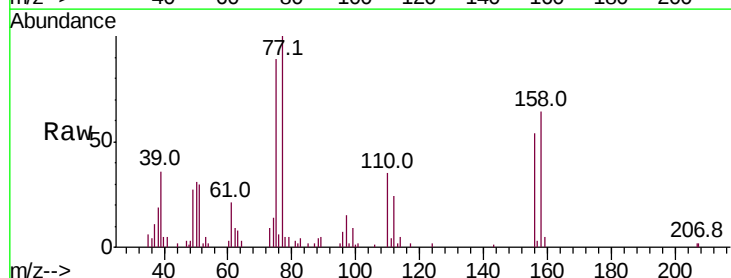
Acq: 28 Aug 2020 12:37

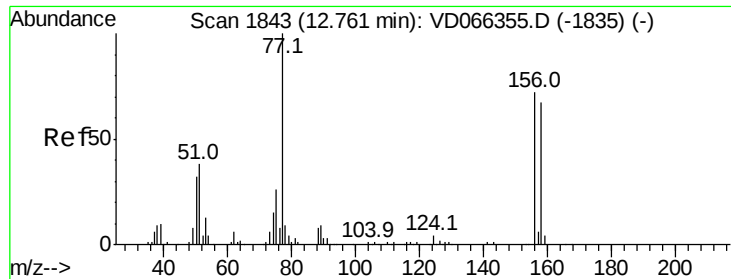
Tgt Ion: 75 Resp: 31594

Ion Ratio Lower Upper

75 100

77 180.5 182.9 548.9#





#77

Bromobenzene

Concen: 20.217 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

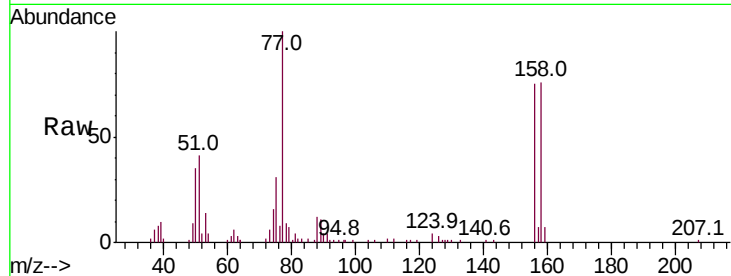
Tot Ion:156 Resp: 39113

Ion Ratio Lower Upper

156 100

77 145.8 76.1 228.3

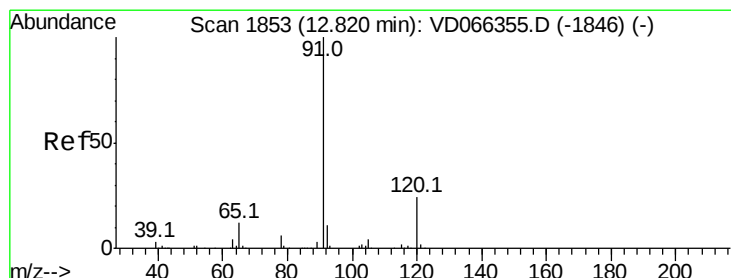
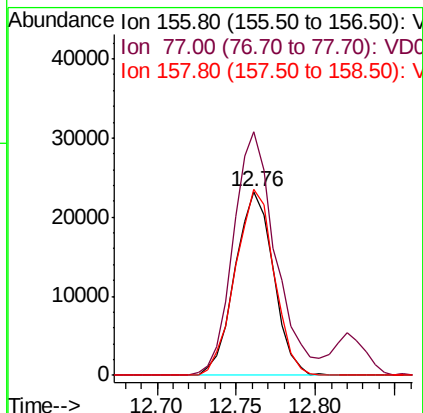
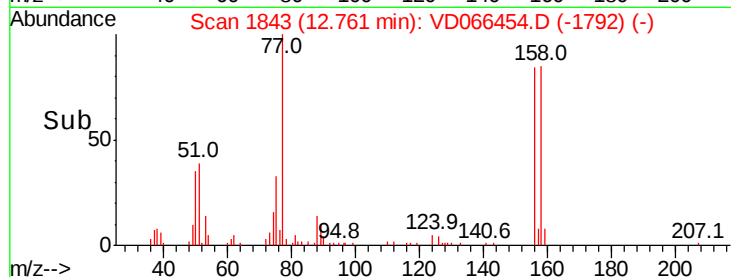
158 101.9 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.30): V

Ion 157.80 (157.50 to 158.10): V



#78

n-propylbenzene

Concen: 19.808 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066454.D

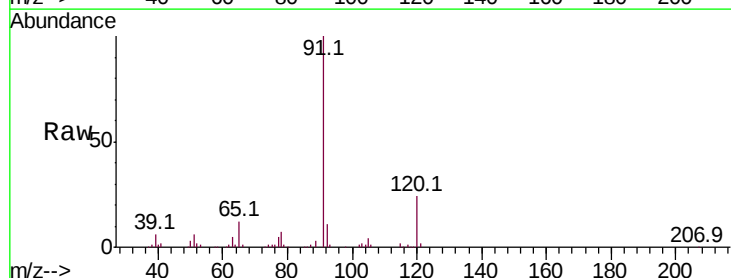
Acq: 28 Aug 2020 12:37

Tgt Ion: 91 Resp: 173120

Ion Ratio Lower Upper

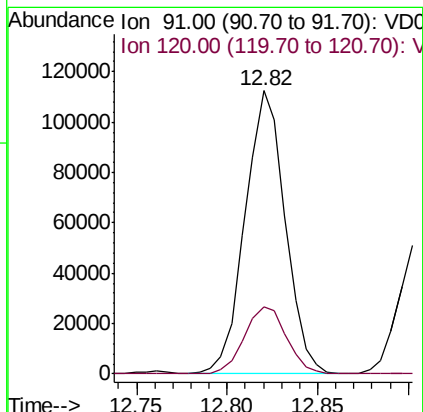
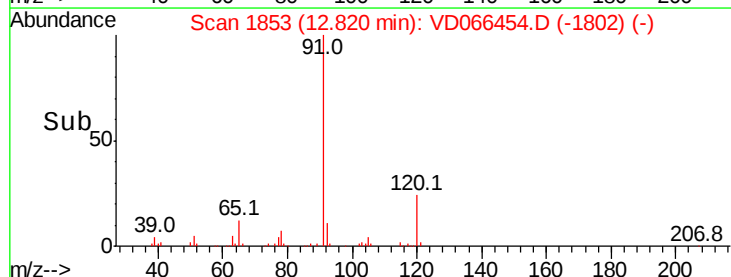
91 100

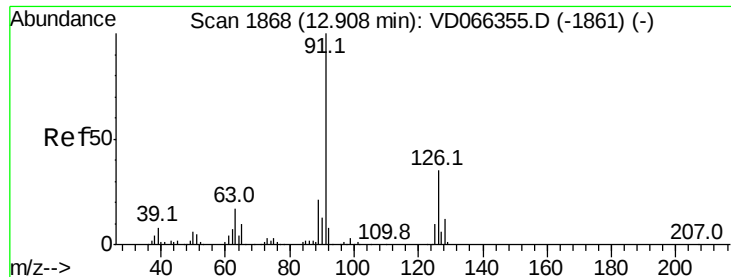
120 24.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.30): V

Ion 120.00 (119.70 to 120.30): V

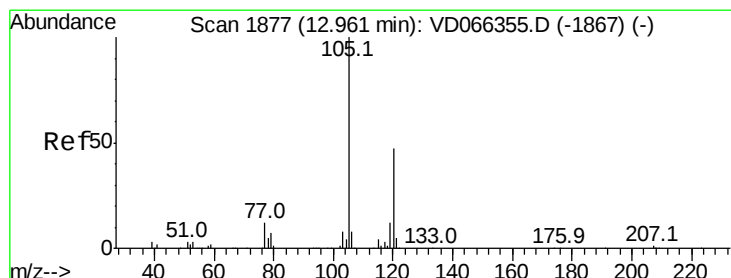
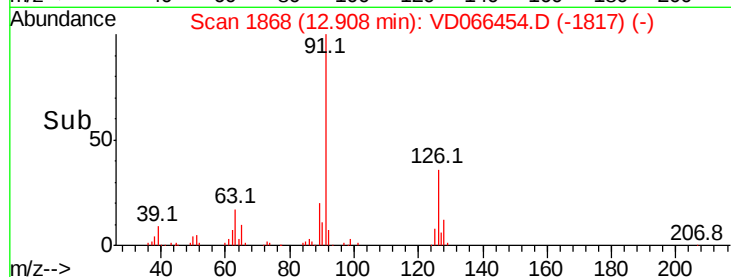
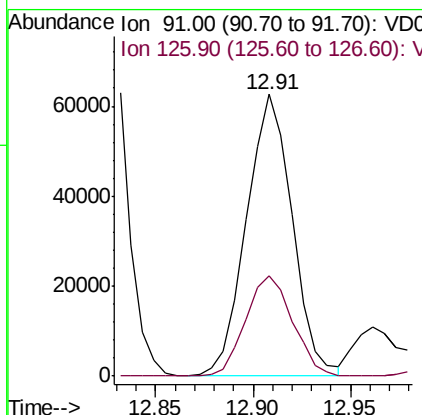
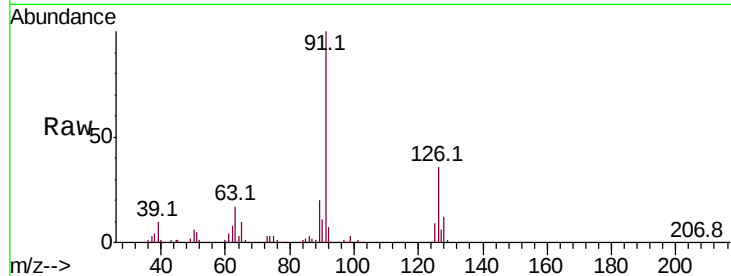




#79
 2-Chlorotoluene
 Concen: 20.420 ug/l
 RT: 12.91 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

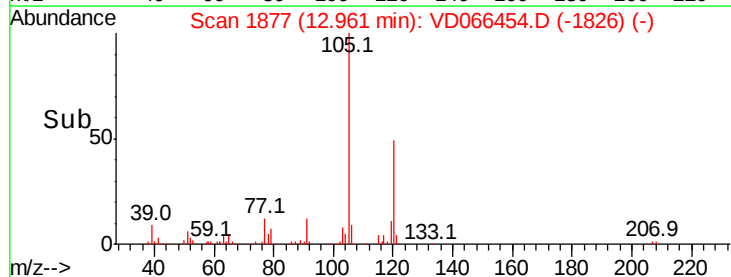
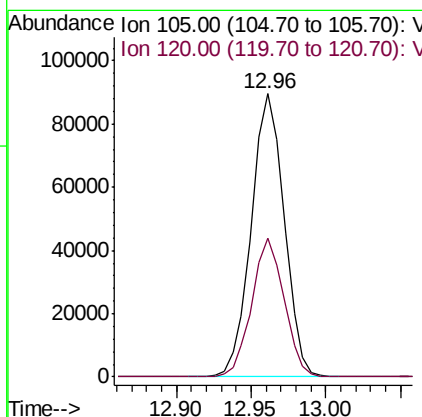
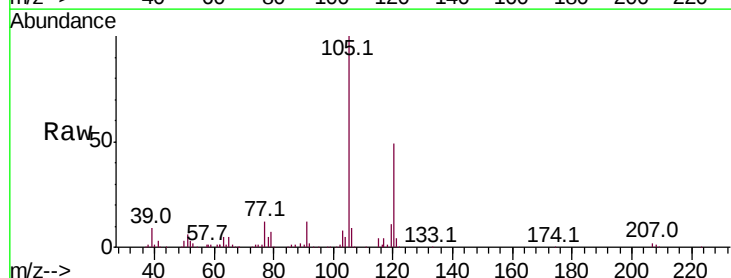
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

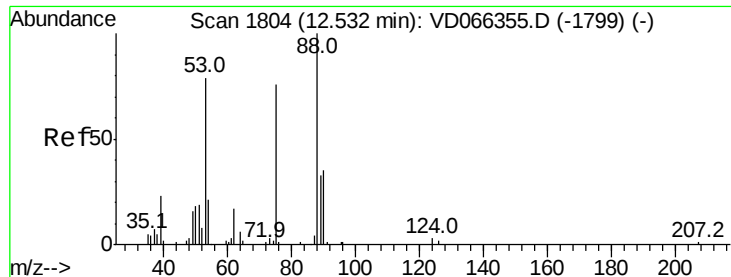
Tot Ion: 91 Resp: 101928
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.704 ug/l
 RT: 12.96 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion:105 Resp: 136262
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.652 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

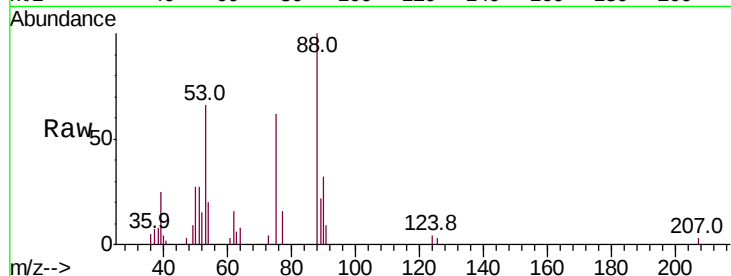
Tot Ion: 75 Resp: 7034

Ion Ratio Lower Upper

75 100

53 126.2 87.4 131.2

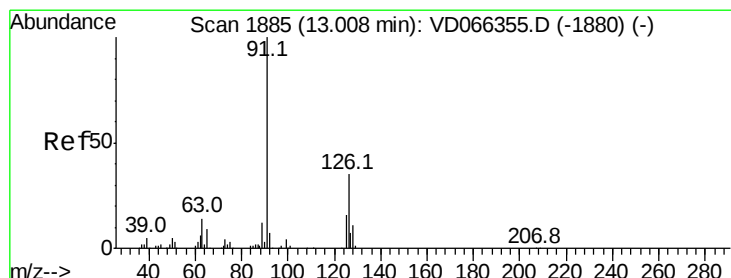
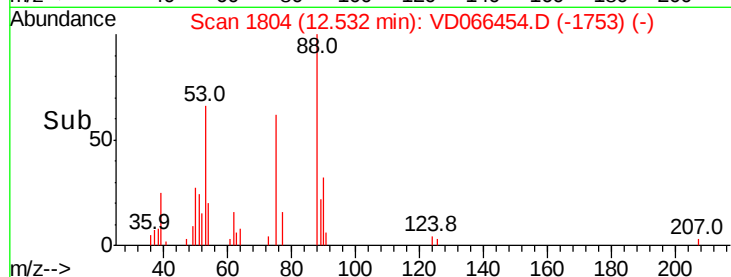
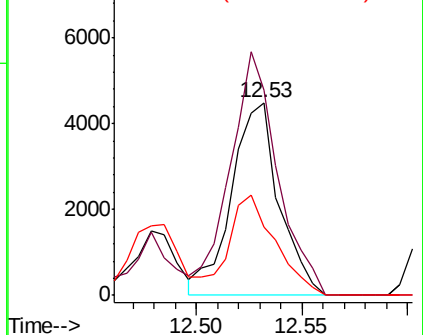
89 49.9 39.4 59.0



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: 20.102 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066454.D

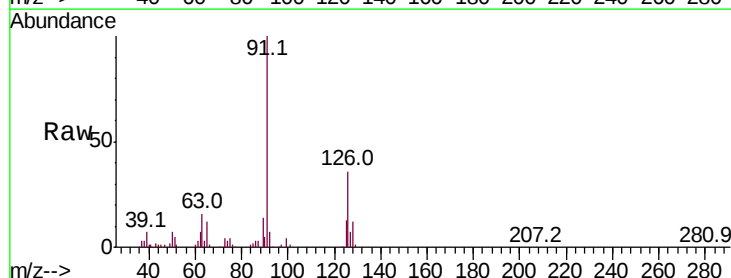
Acq: 28 Aug 2020 12:37

Tgt Ion: 91 Resp: 106310

Ion Ratio Lower Upper

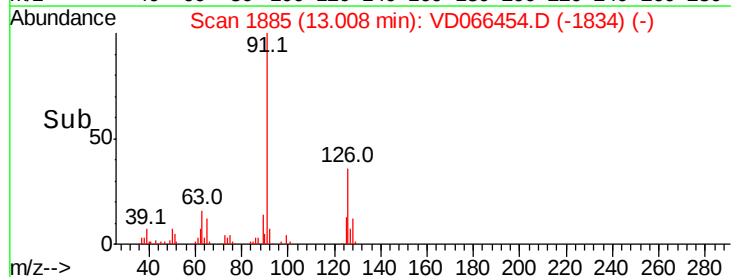
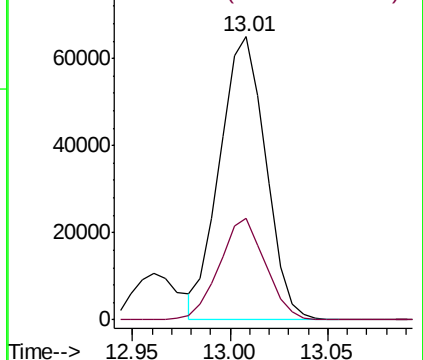
91 100

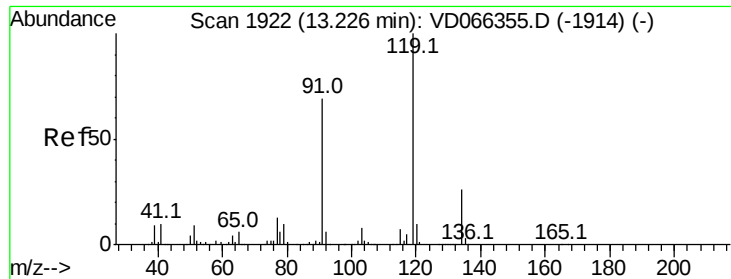
126 35.9 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

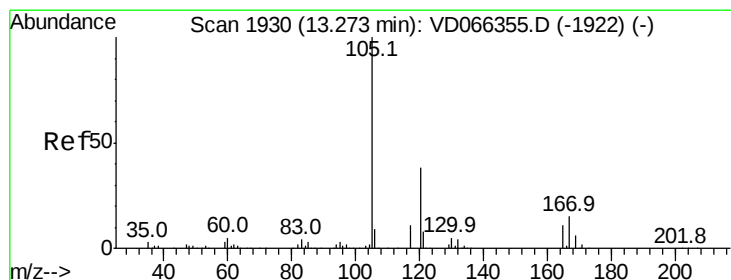
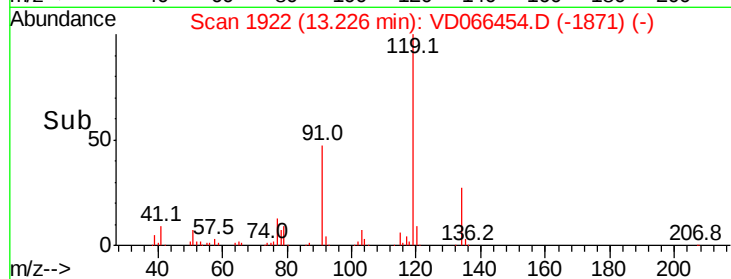
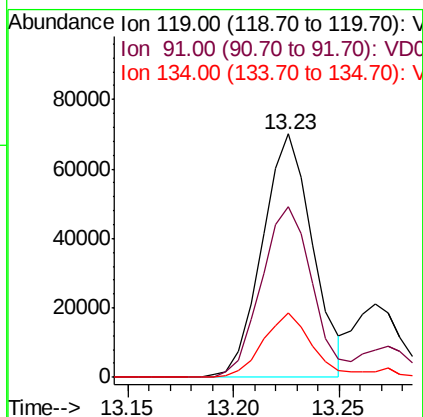
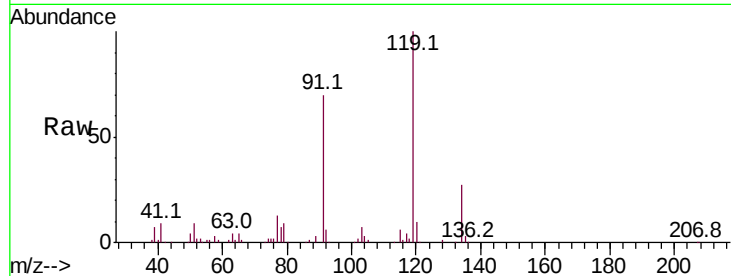




#83
tert-Butylbenzene
Concen: 20.333 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

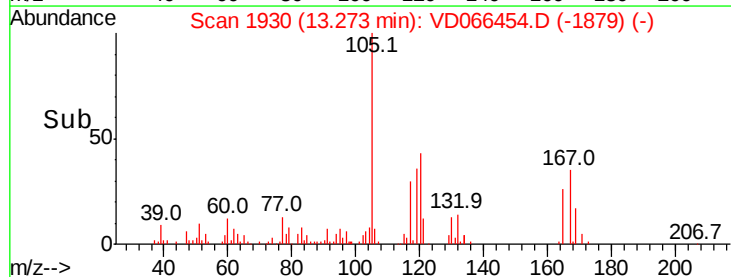
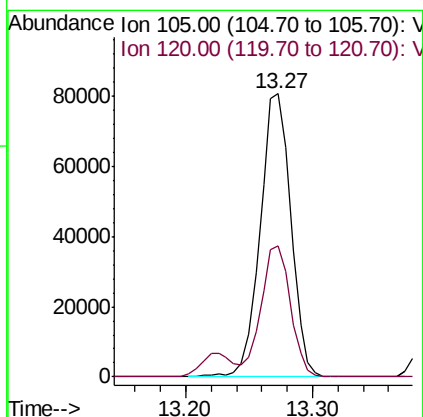
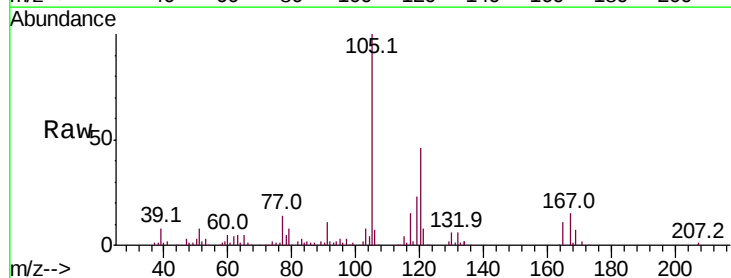
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

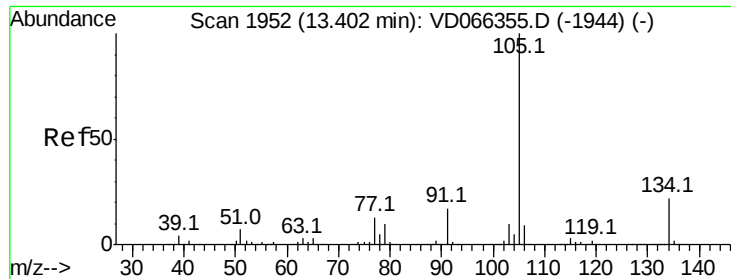
Tot Ion:119 Resp: 116234
Ion Ratio Lower Upper
119 100
91 71.7 33.5 100.5
134 25.7 13.5 40.4



#84
1,2,4-Trimethylbenzene
Concen: 21.060 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion:105 Resp: 136138
Ion Ratio Lower Upper
105 100
120 44.3 22.6 67.7





#85

sec-Butylbenzene

Concen: 19.801 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

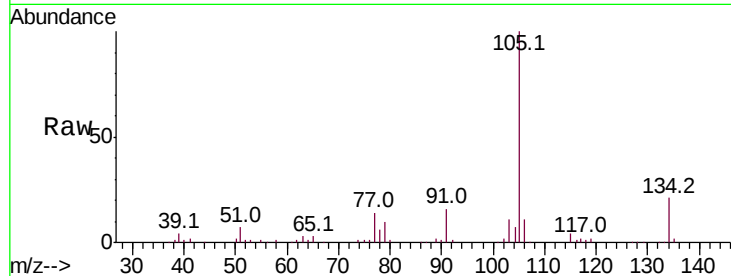
VD0828SBS01

Tot Ion:105 Resp: 148303

Ion Ratio Lower Upper

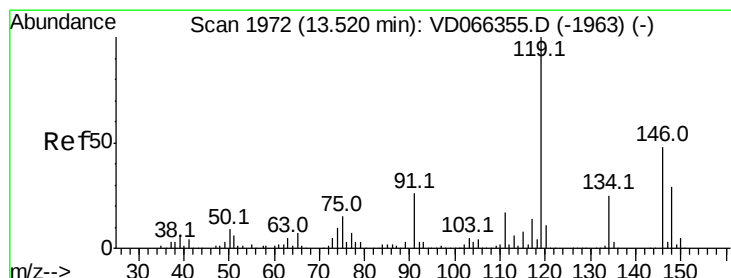
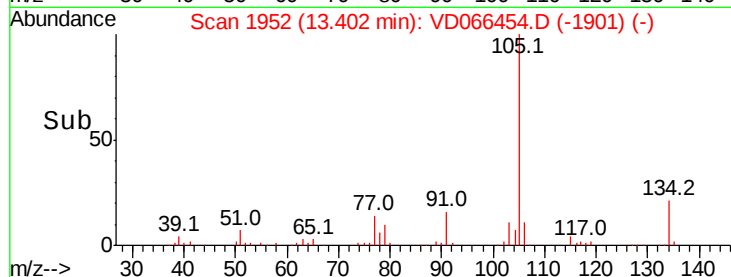
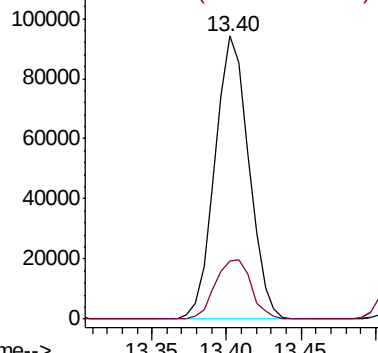
105 100

134 22.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.867 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

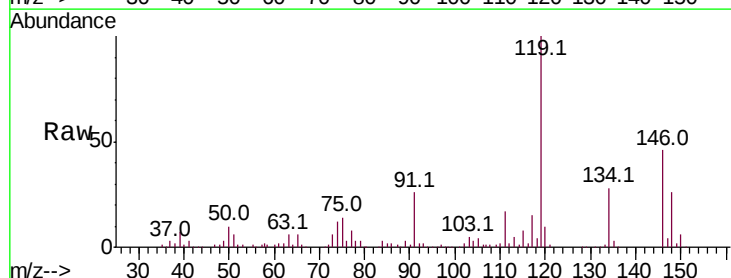
Tgt Ion:119 Resp: 150696

Ion Ratio Lower Upper

119 100

134 28.4 12.8 38.3

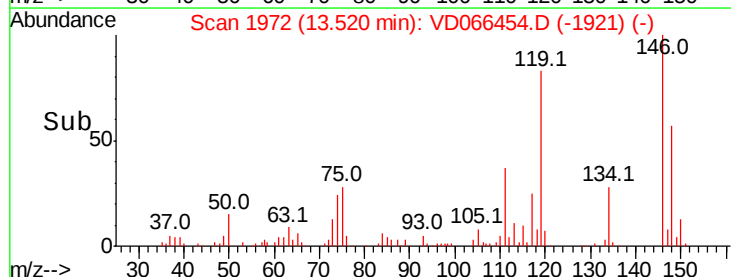
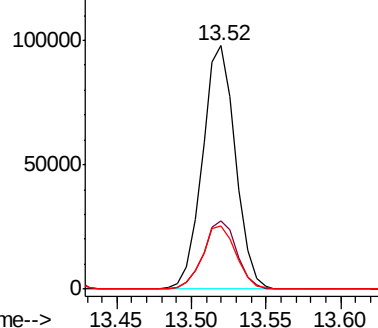
91 26.6 12.7 38.0

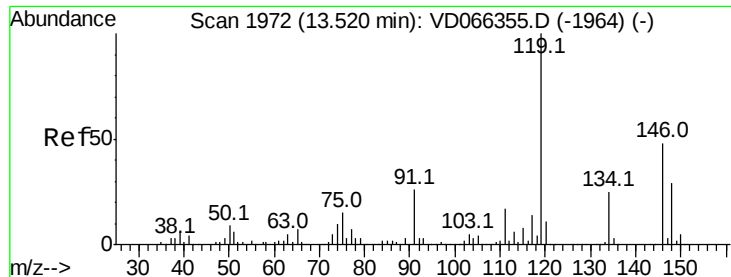


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

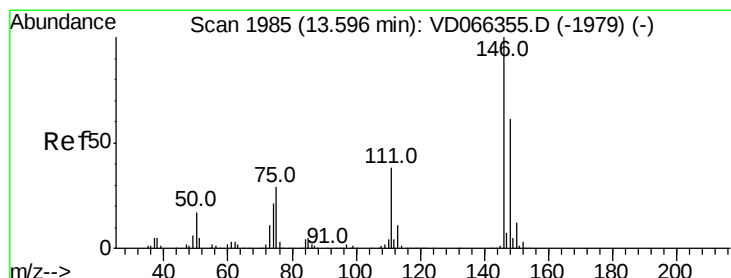
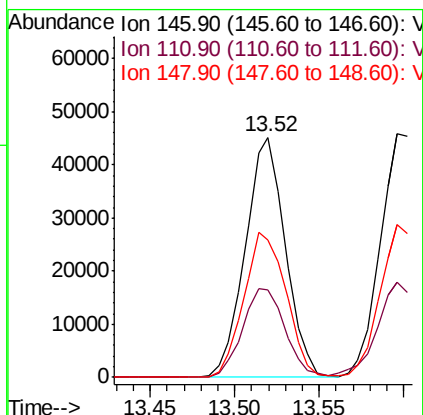
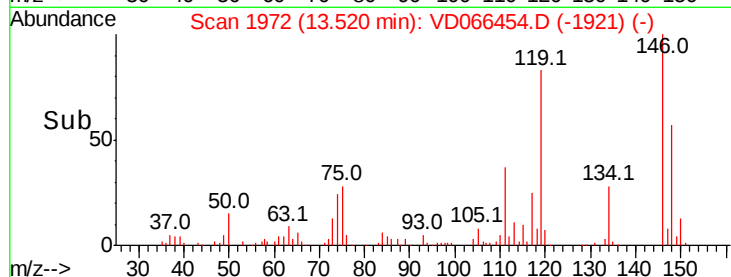
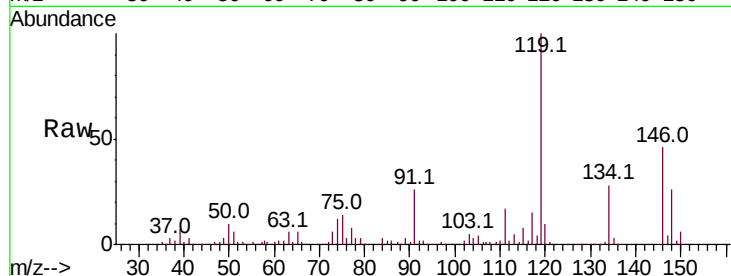




#87
 1,3-Dichlorobenzene
 Concen: 20.655 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

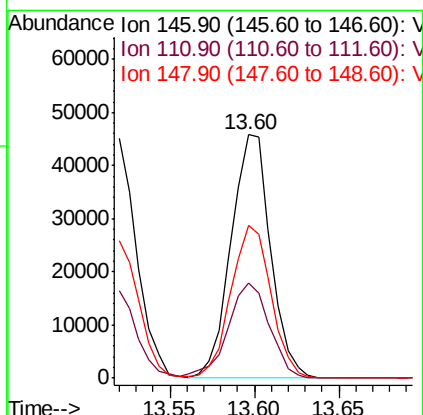
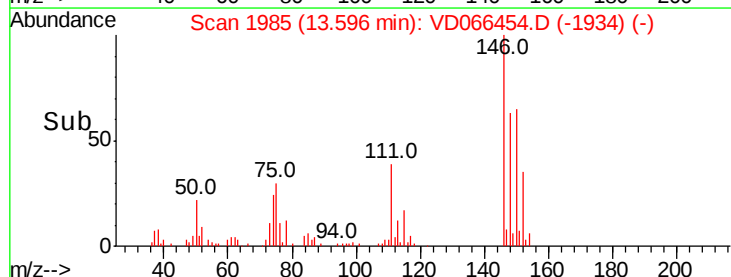
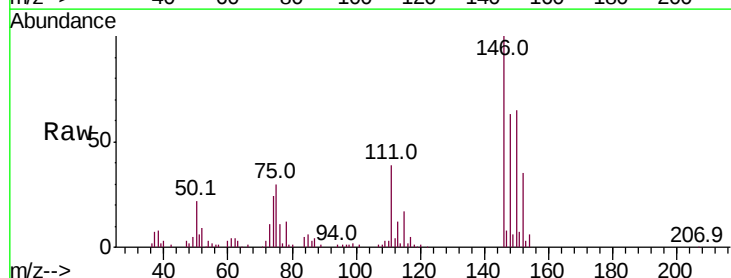
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBSD01

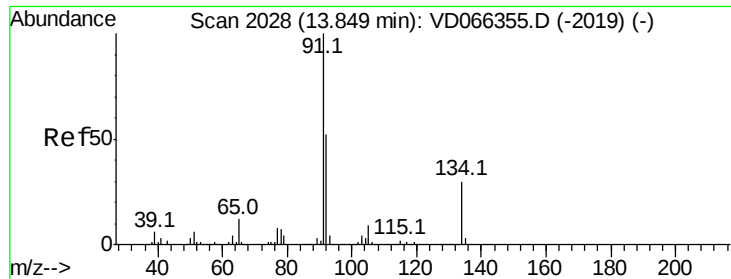
Tot Ion:146 Resp: 74592
 Ion Ratio Lower Upper
 146 100
 111 39.3 18.9 56.9
 148 63.4 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.642 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion:146 Resp: 74849
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.1 57.5
 148 63.5 32.1 96.3

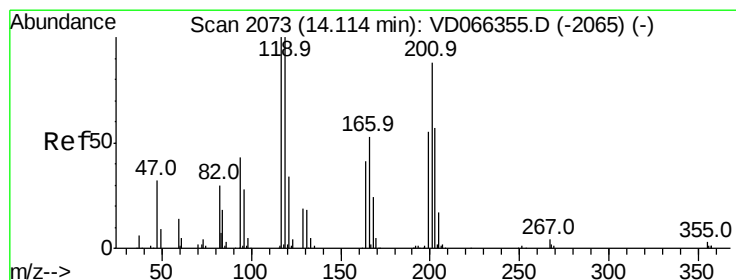
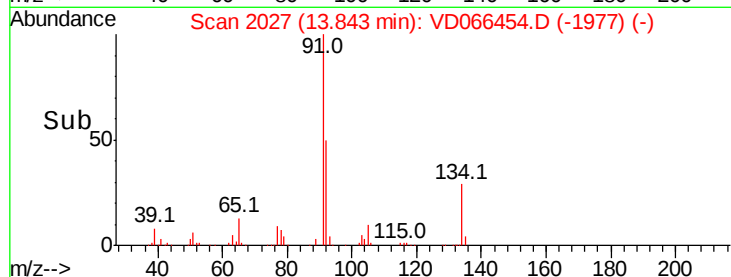
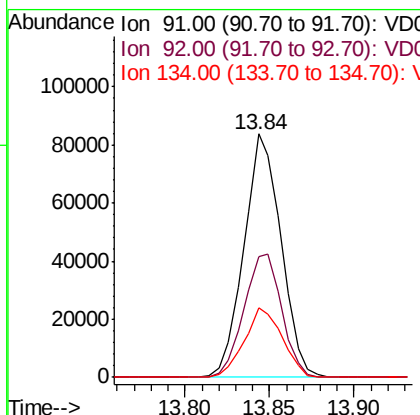
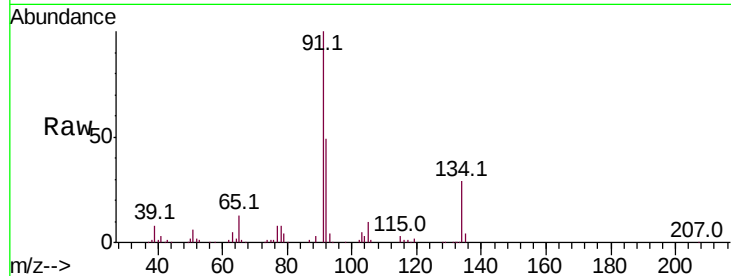




#89
n-Butylbenzene
Concen: 20.059 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

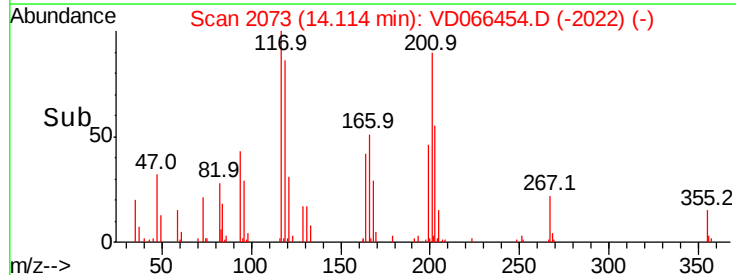
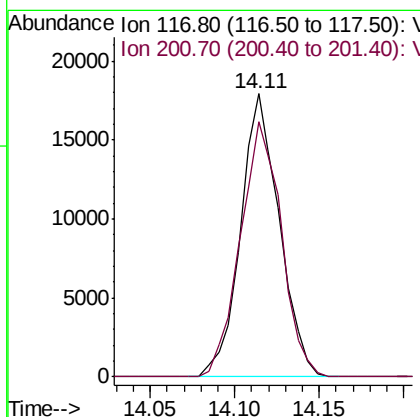
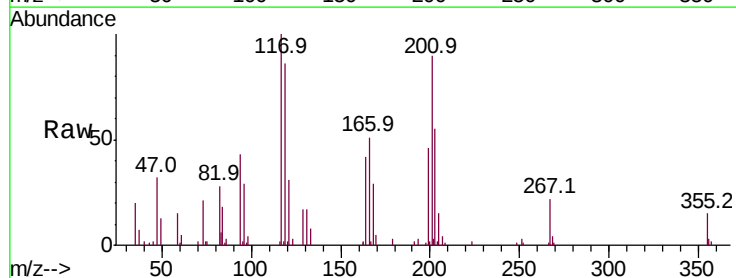
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBSD01

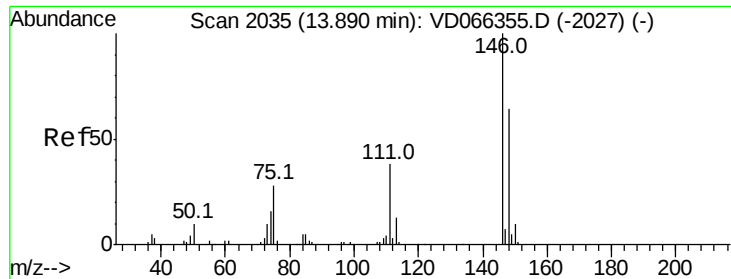
Tot Ion: 91 Resp: 127836
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.0
134 29.3 14.4 43.4



#90
Hexachloroethane
Concen: 20.008 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066454.D
Acq: 28 Aug 2020 12:37

Tgt Ion: 117 Resp: 28543
Ion Ratio Lower Upper
117 100
201 95.4 45.4 136.2





#91

1,2-Dichlorobenzene

Concen: 20.633 ug/l

RT: 13.89 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

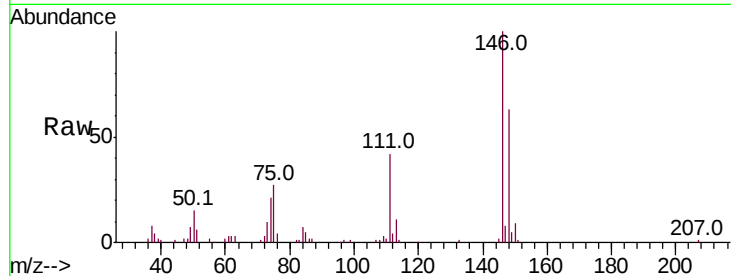
Tot Ion:146 Resp: 64145

Ion Ratio Lower Upper

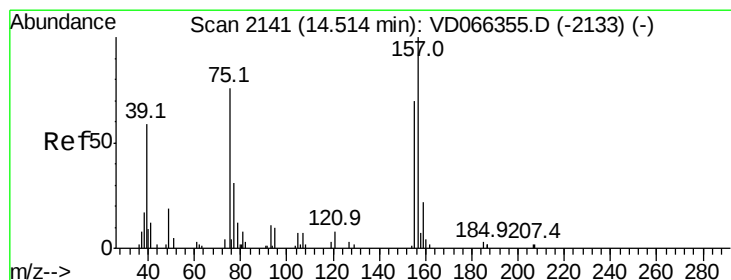
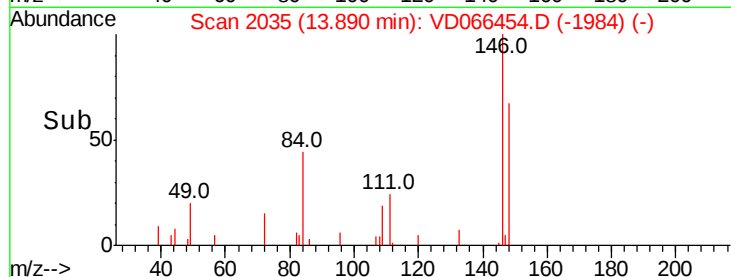
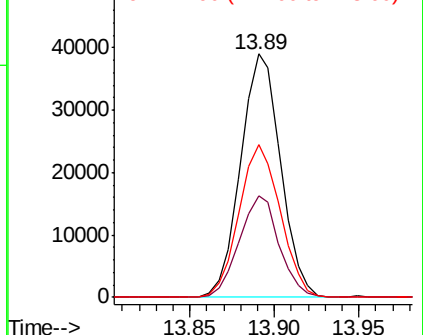
146 100

111 41.8 19.9 59.7

148 64.5 32.6 97.8



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.854 ug/l

RT: 14.51 min Scan# 2140

Delta R.T. -0.01 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

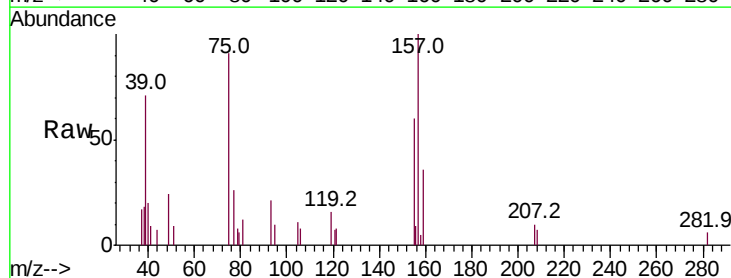
Tgt Ion: 75 Resp: 4991

Ion Ratio Lower Upper

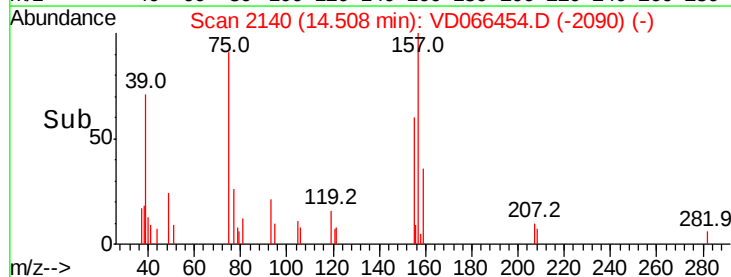
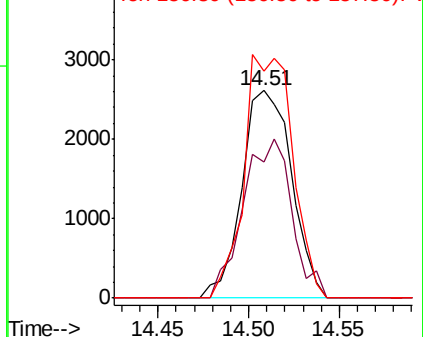
75 100

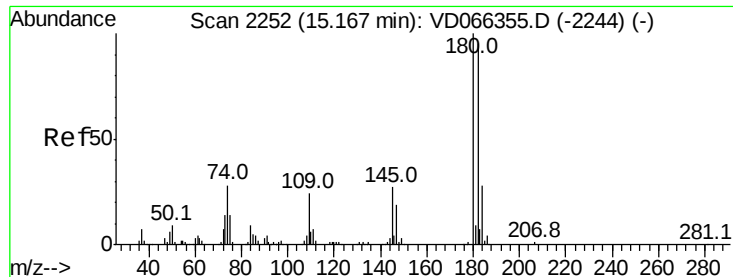
155 74.8 46.9 140.6

157 113.8 61.0 183.0



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

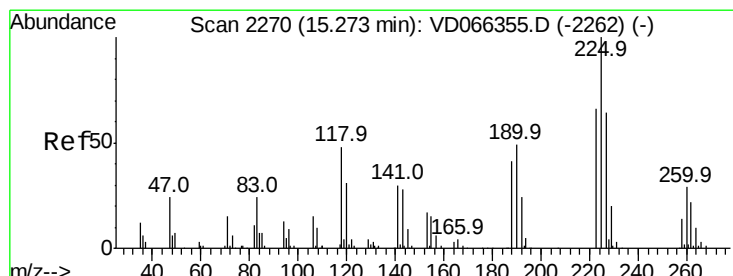
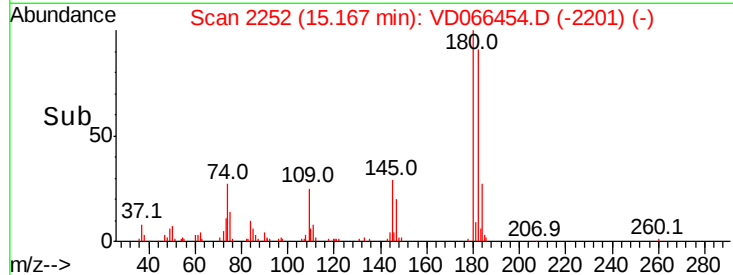
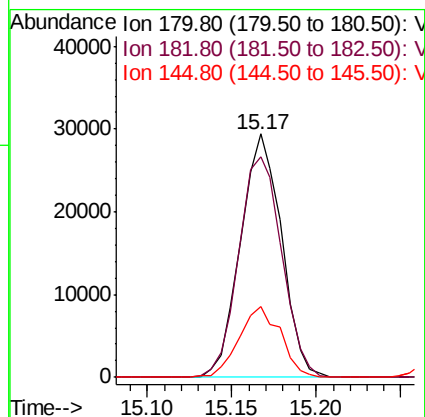
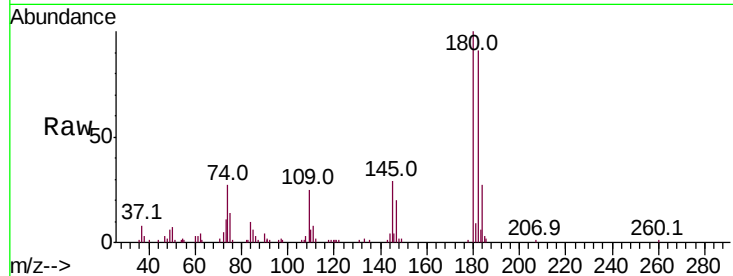




#93
 1,2,4-Trichlorobenzene
 Concen: 20.418 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

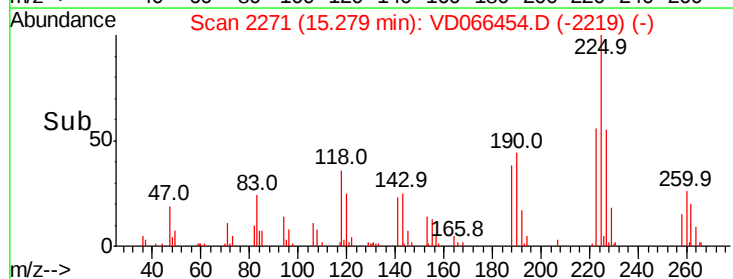
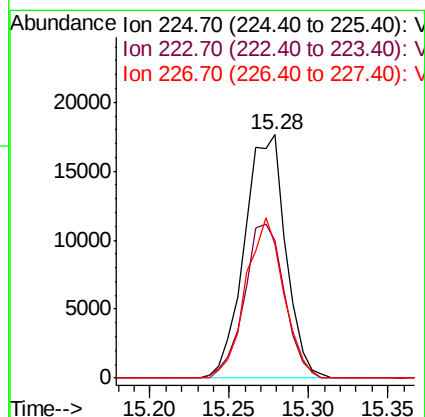
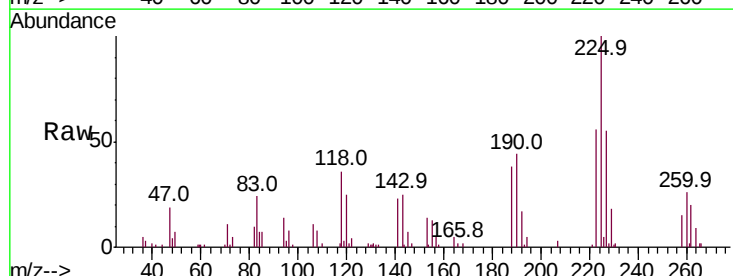
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBSD01

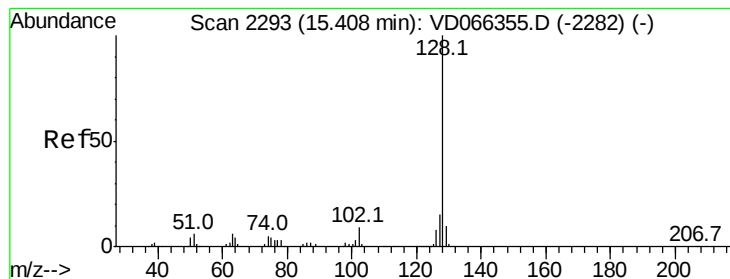
Tot Ion:180	Resp:	49557
Ion Ratio	Lower	Upper
180	100	
182	95.7	48.0 144.0
145	29.5	15.2 45.6



#94
 Hexachlorobutadiene
 Concen: 21.161 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066454.D
 Acq: 28 Aug 2020 12:37

Tgt Ion:225	Resp:	31916
Ion Ratio	Lower	Upper
225	100	
223	61.6	32.5 97.4
227	60.4	33.0 98.9





#95

Naphthalene

Concen: 20.564 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBSD01

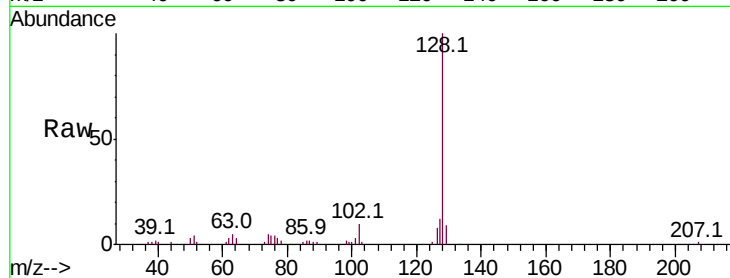
Tot Ion:128 Resp: 78391

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

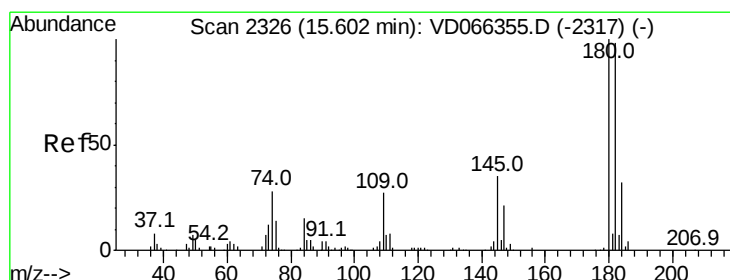
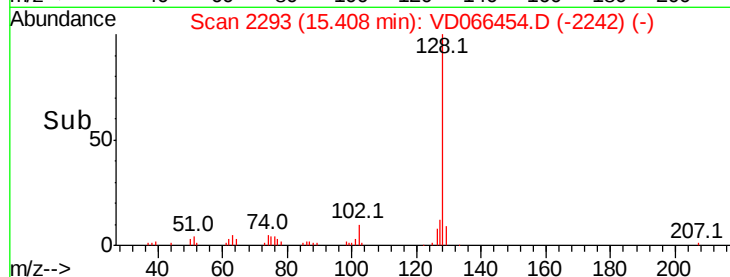
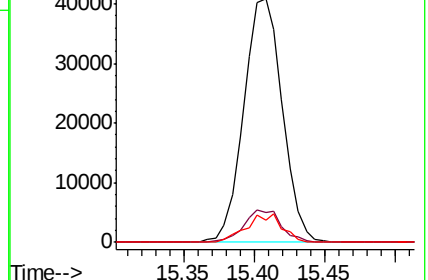
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.815 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066454.D

Acq: 28 Aug 2020 12:37

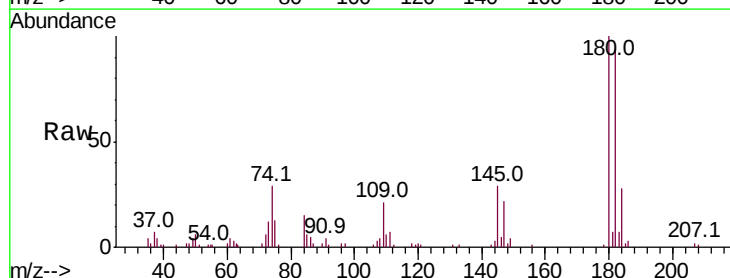
Tgt Ion:180 Resp: 43277

Ion Ratio Lower Upper

180 100

182 96.8 46.7 140.0

145 31.6 16.0 48.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

