

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082820\
 Data File : VD066453.D
 Acq On : 28 Aug 2020 12:10
 Operator : VA/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Quant Time: Aug 29 00:44:12 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	168239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	227921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	208083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	113133	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	92088	55.83	ug/l	0.00
Spiked Amount			Recovery	=	111.66%	
35) Dibromofluoromethane	7.91	113	73866	51.83	ug/l	0.00
Spiked Amount			Recovery	=	103.66%	
50) Toluene-d8	10.34	98	273699	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	12.63	95	95826	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	30224	21.131	ug/l	98
3) Chloromethane	2.20	50	17480	17.241	ug/l #	87
4) Vinyl Chloride	2.35	62	20862	19.165	ug/l	90
5) Bromomethane	2.75	94	17082	20.980	ug/l	97
6) Chloroethane	2.92	64	13754	19.733	ug/l #	85
7) Trichlorofluoromethane	3.27	101	65644	22.177	ug/l	99
8) Diethyl Ether	3.71	74	11883	17.918	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	4.09	101	28219	19.318	ug/l	98
10) Methyl Iodide	4.29	142	27399	16.445	ug/l	94
11) Tert butyl alcohol	5.20	59	14177	128.629	ug/l #	78
12) 1,1-Dichloroethene	4.06	96	26408	19.259	ug/l	93
13) Acrolein	3.93	56	3969	54.189	ug/l	87
14) Allyl chloride	4.70	41	28835	15.755	ug/l #	79
15) Acrylonitrile	5.41	53	23232	87.308	ug/l	96
16) Acetone	4.16	43	27971	94.064	ug/l	90
17) Carbon Disulfide	4.40	76	68764	16.547	ug/l #	94
18) Methyl Acetate	4.72	43	9336	16.728	ug/l #	86
19) Methyl tert-butyl Ether	5.47	73	64531	19.545	ug/l #	91
20) Methylene Chloride	4.96	84	29466	13.982	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	29800	18.670	ug/l	88
22) Diisopropyl ether	6.36	45	58783	16.589	ug/l	89
23) Vinyl Acetate	6.30	43	190175	86.693	ug/l	99
24) 1,1-Dichloroethane	6.26	63	45940	18.346	ug/l	95
25) 2-Butanone	7.21	43	29201	86.501	ug/l	93
26) 2,2-Dichloropropane	7.21	77	57614	21.467	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	32016	18.720	ug/l	96
28) Bromochloromethane	7.54	49	12778	14.814	ug/l #	74
29) Tetrahydrofuran	7.56	42	15471	80.687	ug/l #	90
30) Chloroform	7.71	83	60354	20.831	ug/l	99
31) Cyclohexane	7.98	56	37115	16.206	ug/l #	91
32) 1,1,1-Trichloroethane	7.90	97	61704	20.809	ug/l	98
36) 1,1-Dichloropropene	8.10	75	42151	20.268	ug/l	98
37) Ethyl Acetate	7.29	43	13184	18.639	ug/l #	65
38) Carbon Tetrachloride	8.08	117	63410	23.403	ug/l	93

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	44796	18.286	ug/l	92
40) Benzene	8.34	78	107917	19.726	ug/l	98
41) Methacrylonitrile	7.55	41	20380	46.723	ug/l #	69
42) 1,2-Dichloroethane	8.42	62	42848	22.237	ug/l	98
43) Isopropyl Acetate	8.44	43	26321	18.540	ug/l #	96
44) Trichloroethene	9.11	130	36806	20.704	ug/l	98
45) 1,2-Dichloropropane	9.38	63	21447	17.292	ug/l	95
46) Dibromomethane	9.47	93	15186	19.665	ug/l	95
47) Bromodichloromethane	9.66	83	46351	21.826	ug/l	89
48) Methyl methacrylate	9.45	41	13363	18.253	ug/l	92
49) 1,4-Dioxane	9.46	88	3430	382.526	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	62234	90.616	ug/l	100
52) Toluene	10.40	92	76484	20.635	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	42371	21.027	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	43572	19.264	ug/l #	83
55) 1,1,2-Trichloroethane	10.80	97	20970	20.059	ug/l	96
56) Ethyl methacrylate	10.66	69	22904	18.926	ug/l #	88
57) 1,3-Dichloropropane	10.94	76	33466	19.353	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	47382	94.269	ug/l	91
59) 2-Hexanone	10.98	43	45755	94.450	ug/l	98
60) Dibromochloromethane	11.14	129	33706	21.390	ug/l	100
61) 1,2-Dibromoethane	11.24	107	19967	19.408	ug/l	98
64) Tetrachloroethene	10.87	164	33196	21.030	ug/l	92
65) Chlorobenzene	11.67	112	86226	20.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	36042	21.304	ug/l	98
67) Ethyl Benzene	11.74	91	152356	20.907	ug/l	93
68) m/p-Xylenes	11.85	106	118246	42.572	ug/l	98
69) o-Xylene	12.18	106	54046	20.916	ug/l	100
70) Styrene	12.19	104	95200	21.457	ug/l	98
71) Bromoform	12.36	173	20882	21.756	ug/l #	100
73) Isopropylbenzene	12.48	105	157840	20.827	ug/l	99
74) N-amyl acetate	12.28	43	24738	18.073	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	19075	17.619	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	30268	38.030	ug/l #	1
77) Bromobenzene	12.76	156	40033	20.812	ug/l	96
78) n-propylbenzene	12.82	91	175236	20.166	ug/l	98
79) 2-Chlorotoluene	12.91	91	98651	19.877	ug/l	96
80) 1,3,5-Trimethylbenzene	12.96	105	134148	20.501	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	7267	19.381	ug/l	94
82) 4-Chlorotoluene	13.01	91	105051	19.978	ug/l	97
83) tert-Butylbenzene	13.23	119	116744	20.540	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	135431	21.072	ug/l	100
85) sec-Butylbenzene	13.40	105	152729	20.510	ug/l	98
86) p-Isopropyltoluene	13.52	119	148675	20.706	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	73269	20.405	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	73991	20.523	ug/l	98
89) n-Butylbenzene	13.84	91	125494	19.805	ug/l	98
90) Hexachloroethane	14.11	117	28424	20.039	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	64310	20.805	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4730	20.831	ug/l	84

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Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

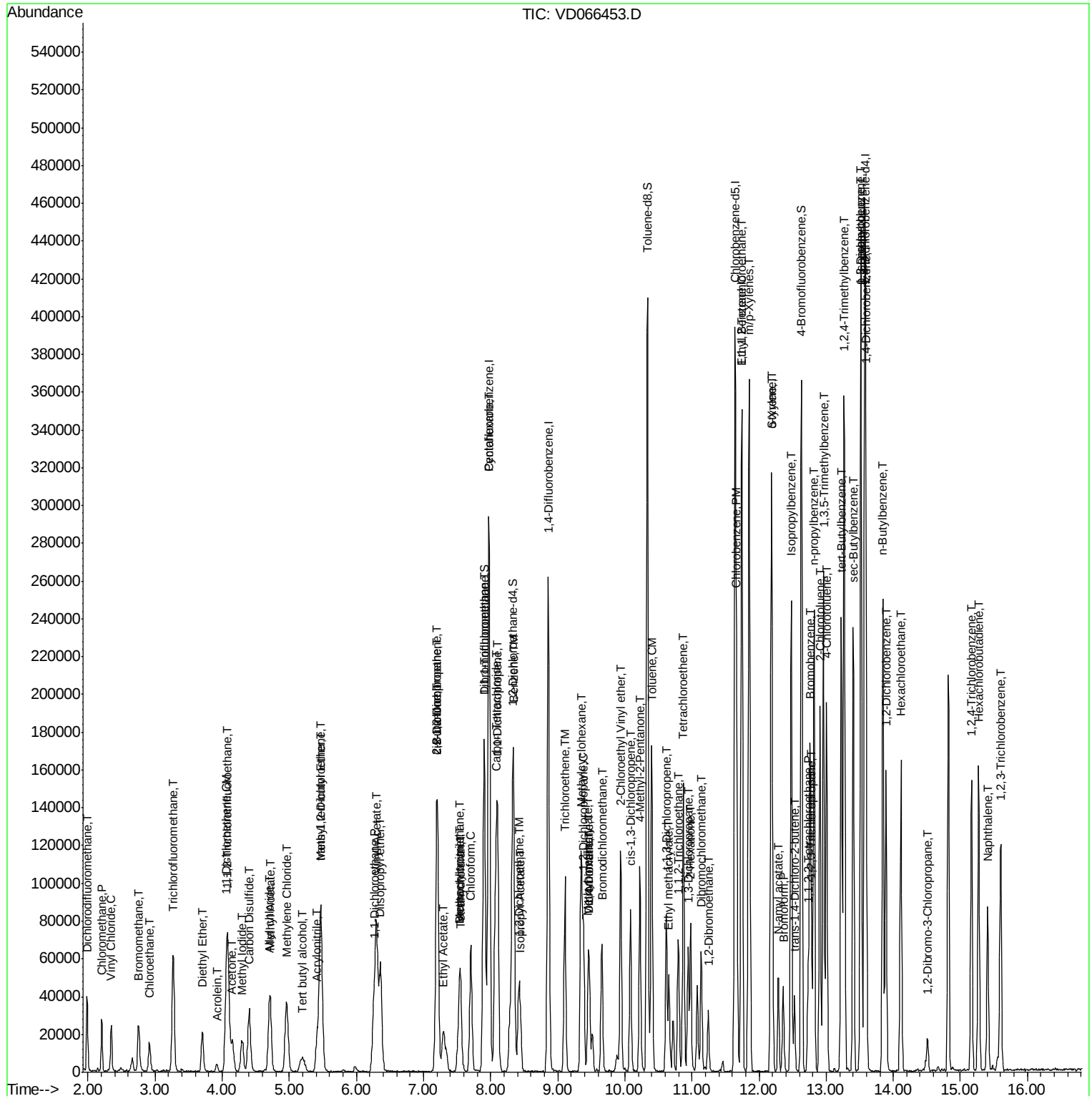
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	49537	20.528	ug/l	98
94) Hexachlorobutadiene	15.27	225	31631	21.092	ug/l	97
95) Naphthalene	15.41	128	75795	19.998	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	41808	20.224	ug/l	96

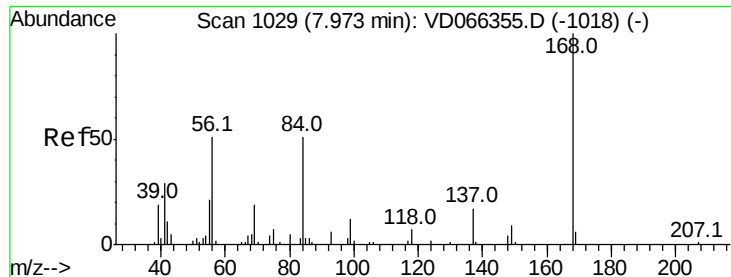
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Quant Title : SW846 8260
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

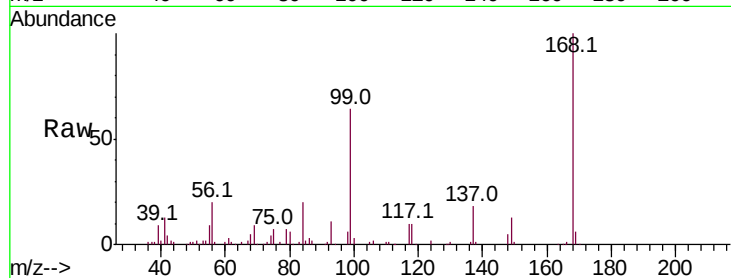
VD0828SBS01

Tot Ion:168 Resp: 168239

Ion Ratio Lower Upper

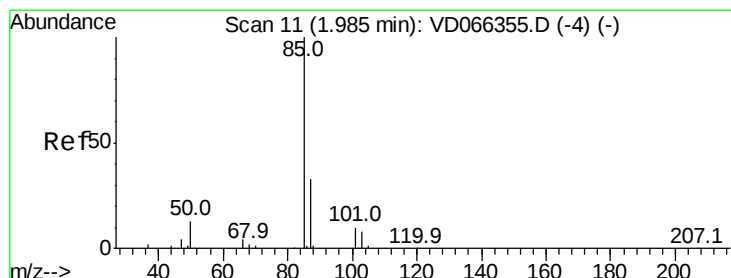
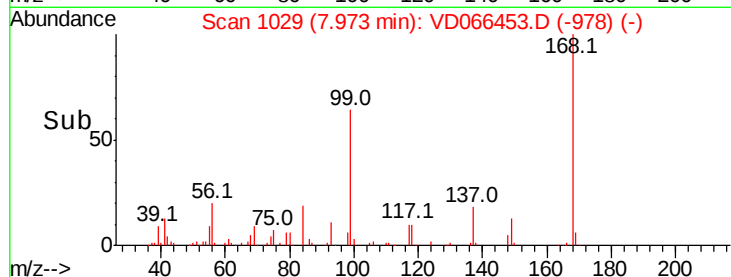
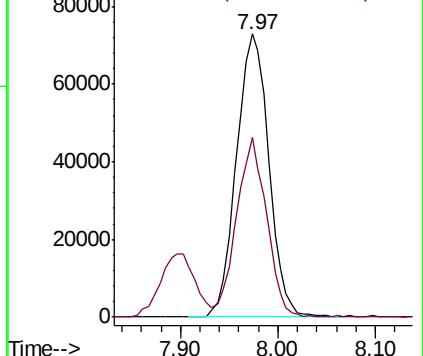
168 100

99 63.0 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: 21.131 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD066453.D

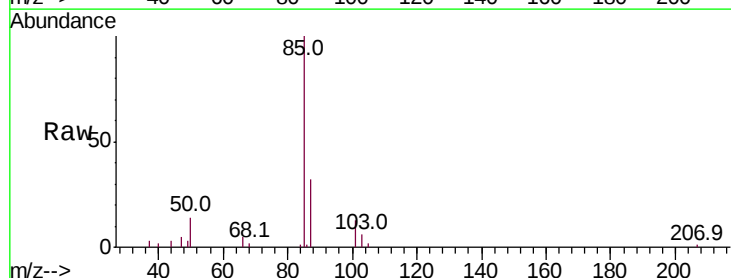
Acq: 28 Aug 2020 12:10

Tgt Ion: 85 Resp: 30224

Ion Ratio Lower Upper

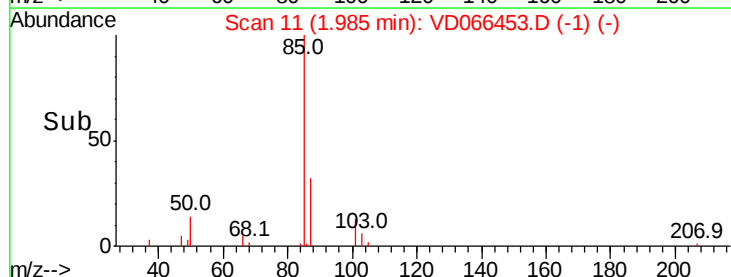
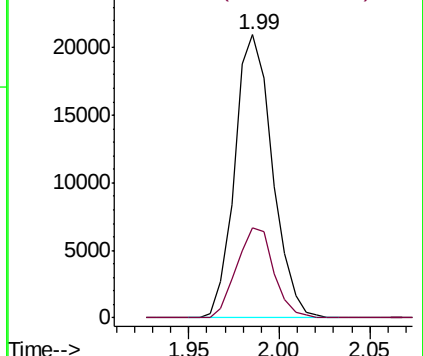
85 100

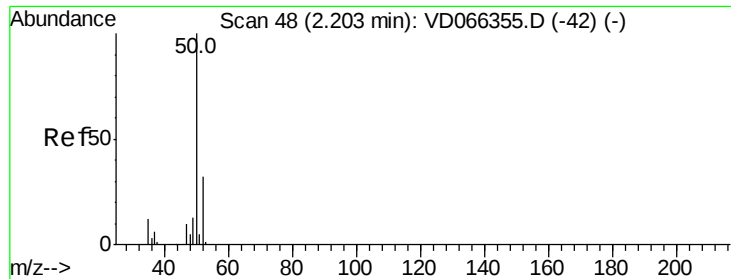
87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 17.241 ug/l

RT: 2.20 min Scan# 48

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

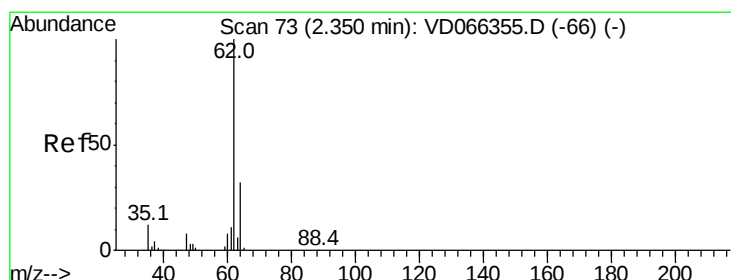
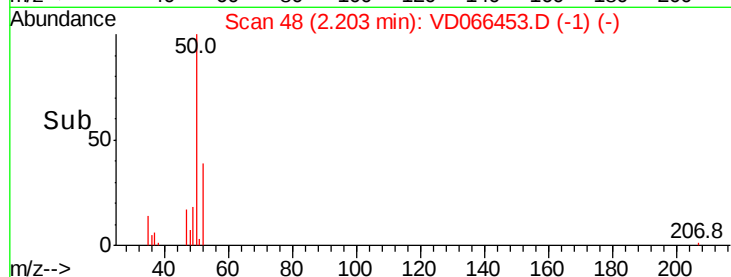
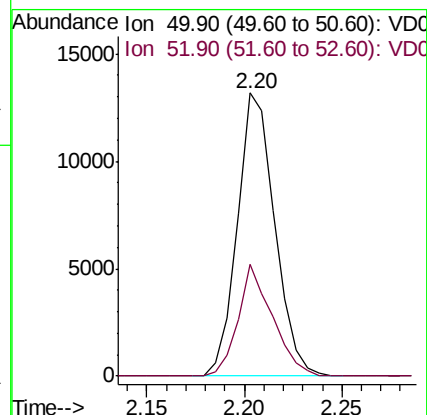
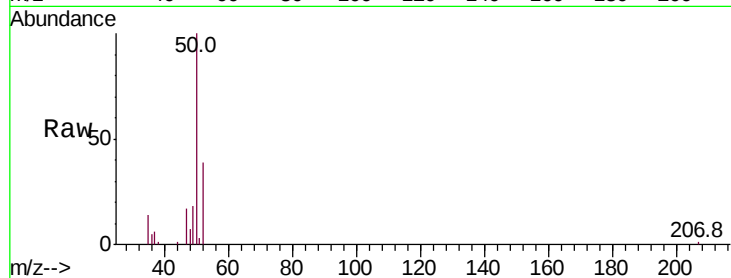
VD0828SBS01

Tot Ion: 50 Resp: 17480

Ion Ratio Lower Upper

50 100

52 39.3 25.7 38.5#



#4

Vinyl Chloride

Concen: 19.165 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD066453.D

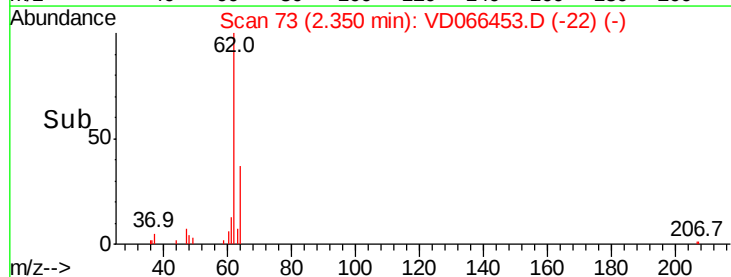
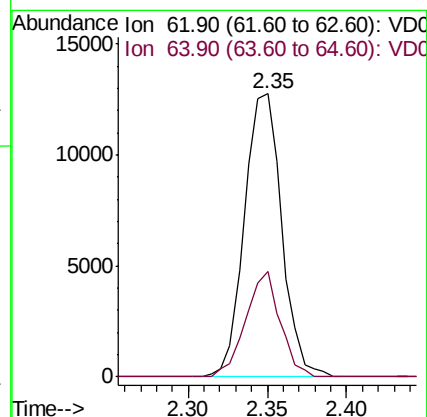
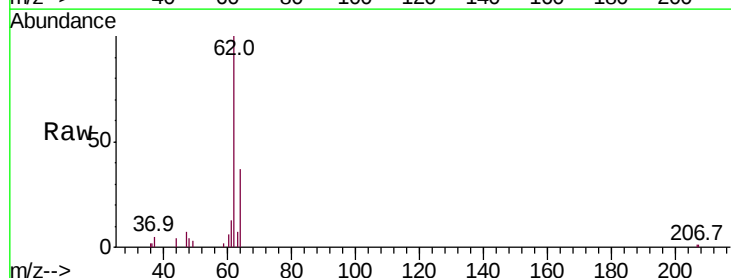
Acq: 28 Aug 2020 12:10

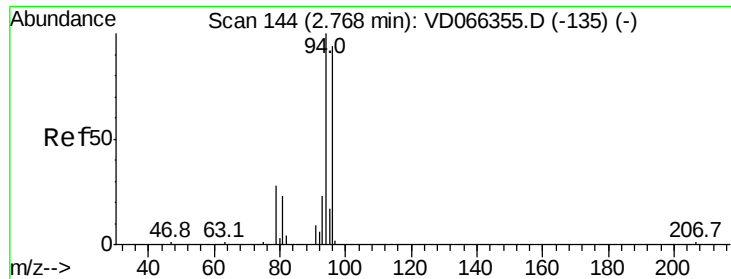
Tgt Ion: 62 Resp: 20862

Ion Ratio Lower Upper

62 100

64 37.2 25.4 38.2





#5

Bromomethane

Concen: 20.980 ug/l

RT: 2.75 min Scan# 141

Delta R.T. -0.02 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

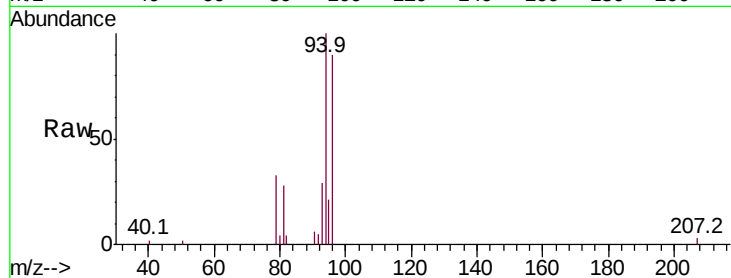
VD0828SBS01

Tot Ion: 94 Resp: 17082

Ion Ratio Lower Upper

94 100

96 90.4 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC

2.75

8000

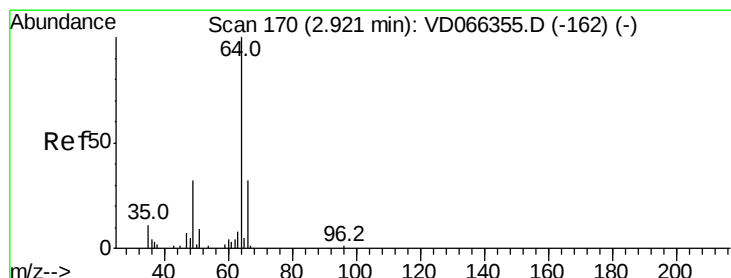
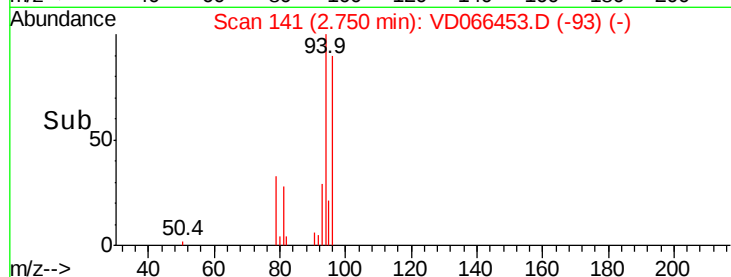
6000

4000

2000

0

Time--> 2.65 2.70 2.75 2.80 2.85



#6

Chloroethane

Concen: 19.733 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD066453.D

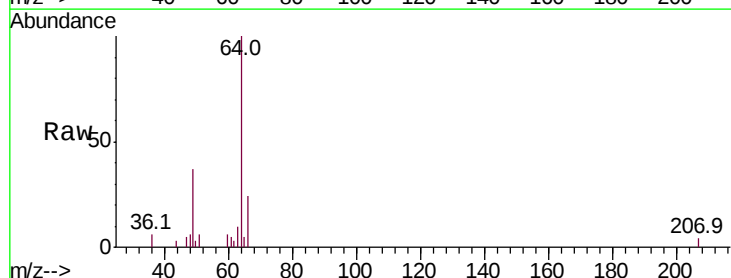
Acq: 28 Aug 2020 12:10

Tgt Ion: 64 Resp: 13754

Ion Ratio Lower Upper

64 100

66 24.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC

2.92

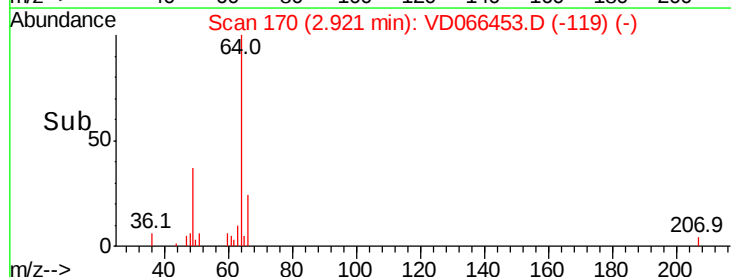
6000

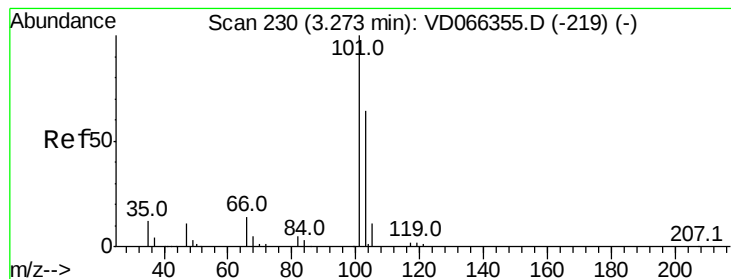
4000

2000

0

Time--> 2.85 2.90 2.95 3.00





#7

Trichlorofluoromethane

Concen: 22.177 ug/l

RT: 3.27 min Scan# 229

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

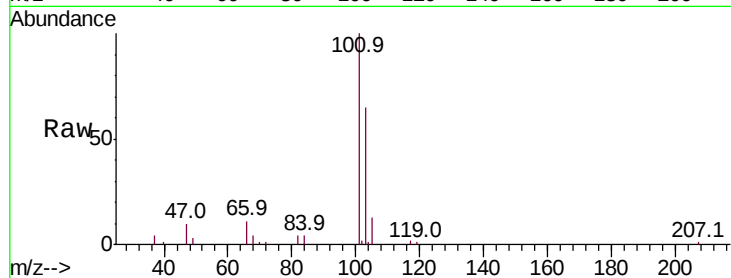
VD0828SBS01

Tot Ion:101 Resp: 65644

Ion Ratio Lower Upper

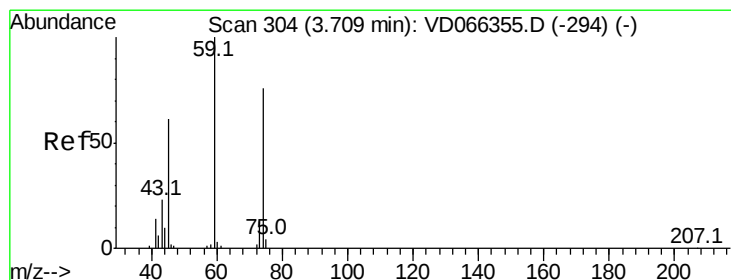
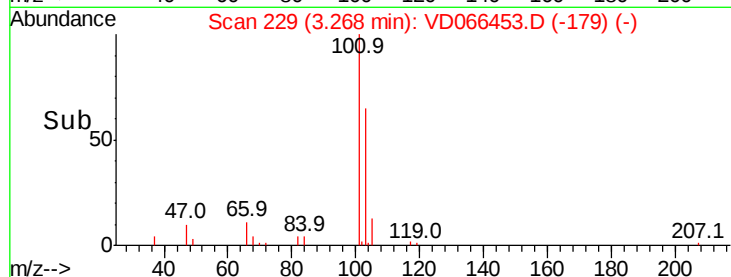
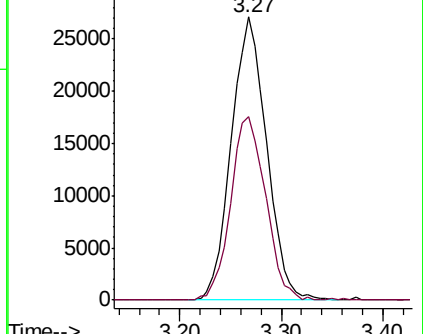
101 100

103 64.7 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: 17.918 ug/l

RT: 3.71 min Scan# 304

Delta R.T. 0.00 min

Lab File: VD066453.D

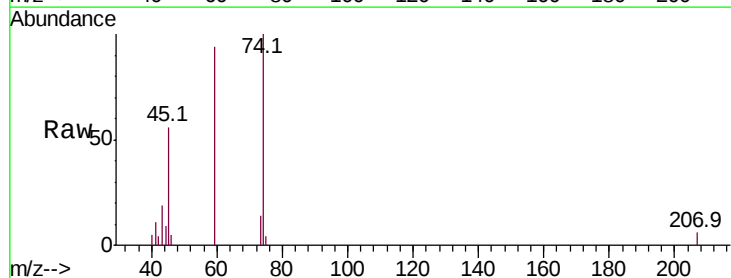
Acq: 28 Aug 2020 12:10

Tgt Ion: 74 Resp: 11883

Ion Ratio Lower Upper

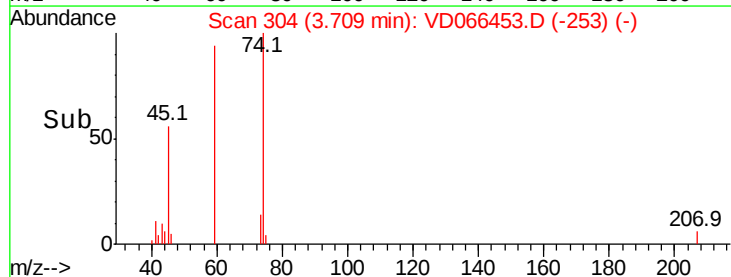
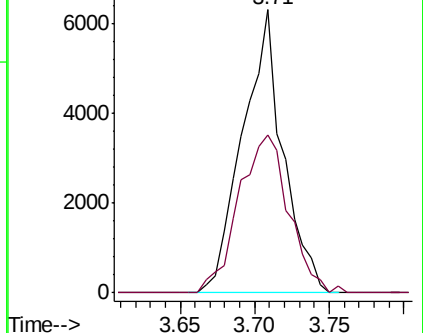
74 100

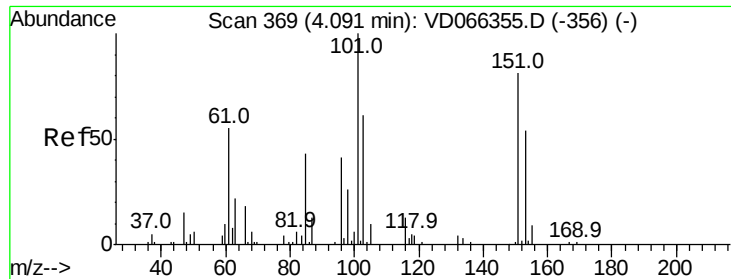
45 69.1 42.8 128.3



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: 19.318 ug/l

RT: 4.09 min Scan# 368

Delta R.T. -0.01 min

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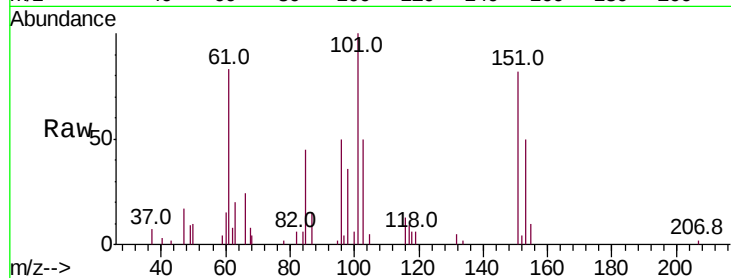
Tot Ion:101 Resp: 28219

Ion Ratio Lower Upper

101 100

85 47.3 36.4 54.6

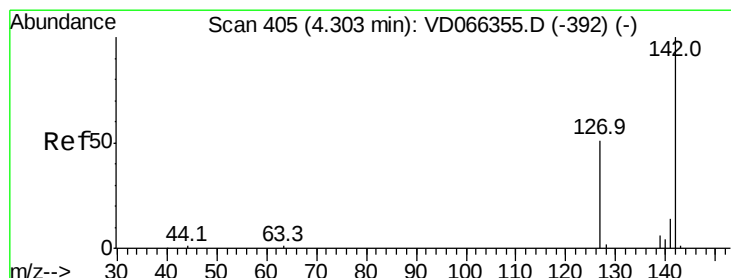
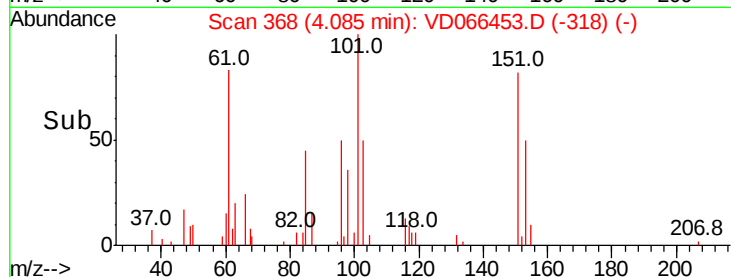
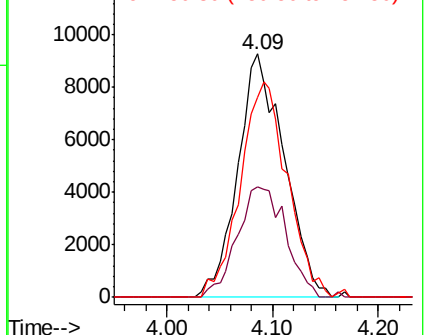
151 89.6 70.5 105.7



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: 16.445 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

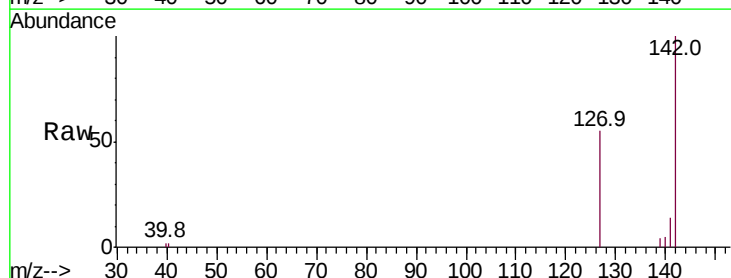
Tgt Ion:142 Resp: 27399

Ion Ratio Lower Upper

142 100

127 56.8 41.8 62.8

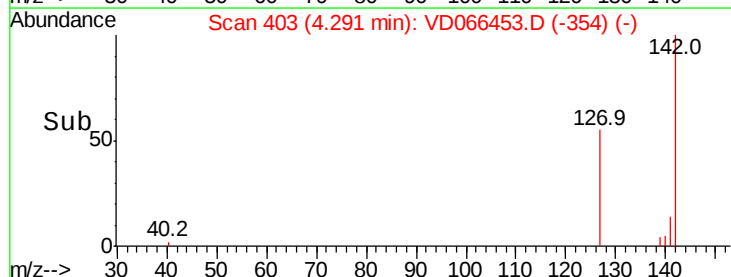
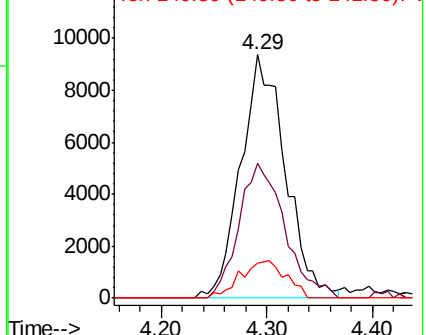
141 15.6 11.8 17.6

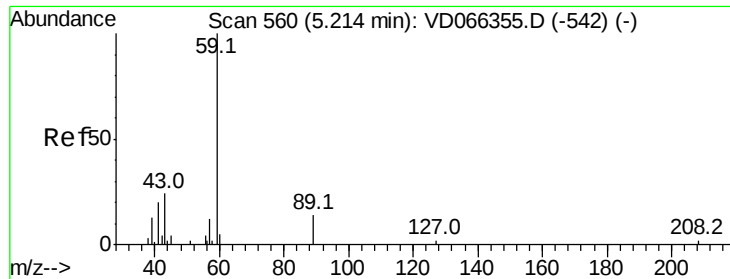


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

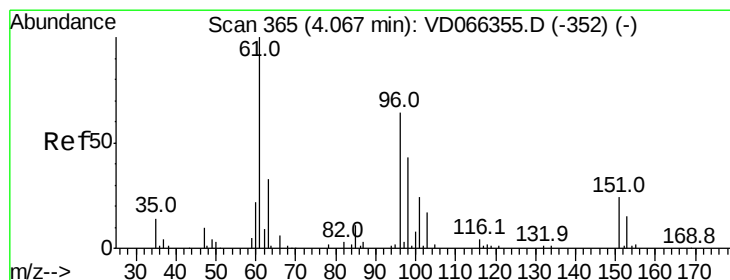
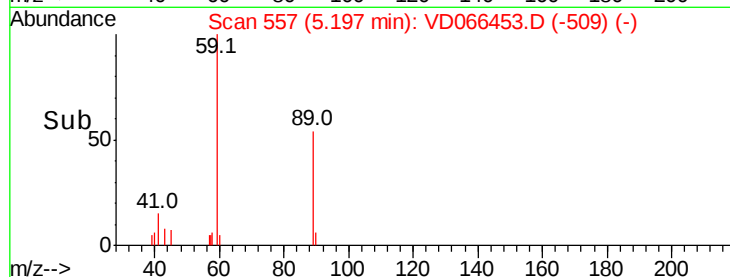
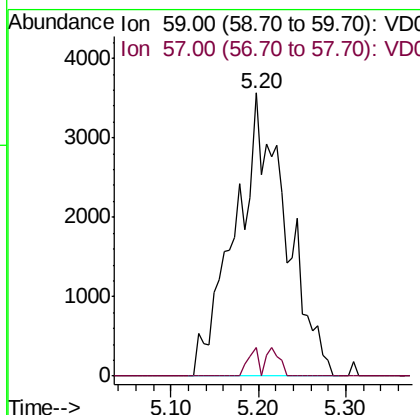
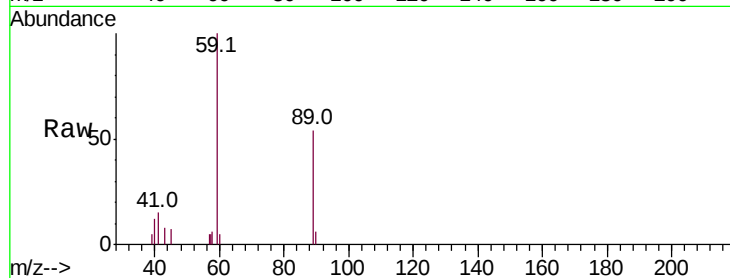




#11
Tert butyl alcohol
Concen: 128.629 ug/l
RT: 5.20 min Scan# 557
Delta R.T. -0.02 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

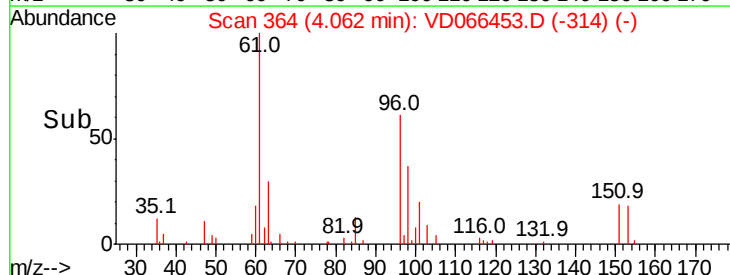
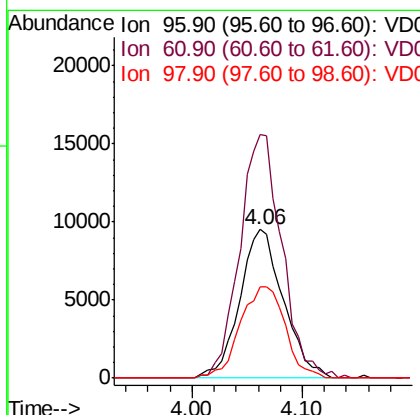
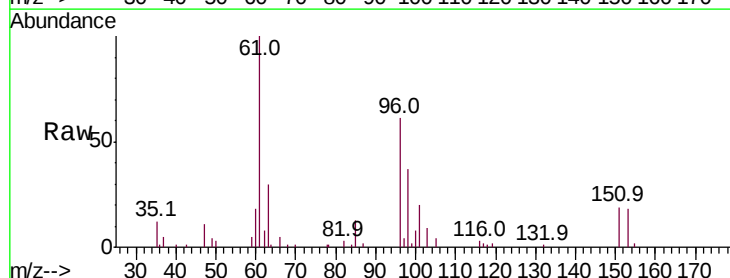
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

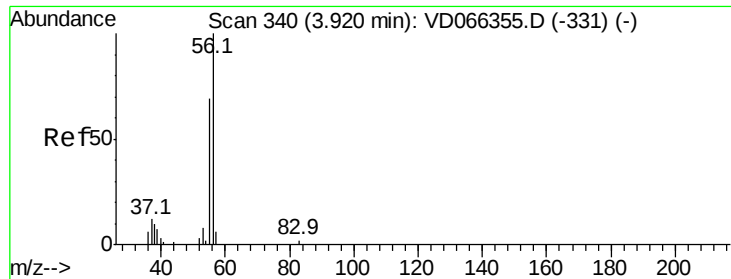
Tot Ion: 59 Resp: 14177
Ion Ratio Lower Upper
59 100
57 2.7 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 19.259 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 96 Resp: 26408
Ion Ratio Lower Upper
96 100
61 163.8 124.3 186.5
98 61.1 53.2 79.8





#13

Acrolein

Concen: 54.189 ug/l

RT: 3.93 min Scan# 341

Delta R.T. 0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

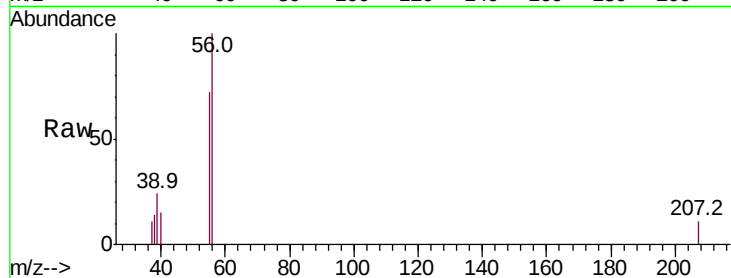
VD0828SBS01

Tot Ion: 56 Resp: 3969

Ion Ratio Lower Upper

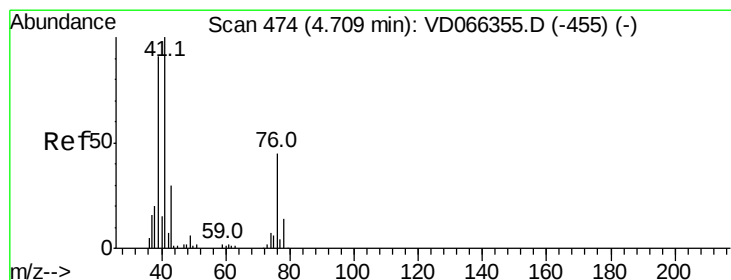
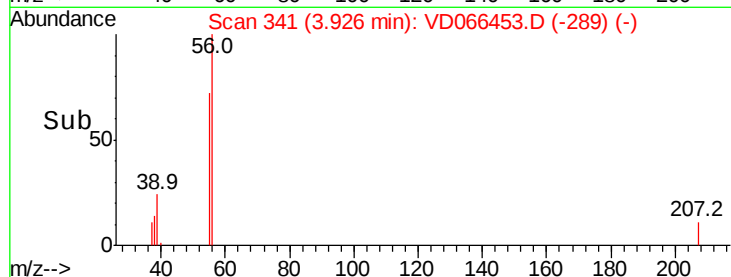
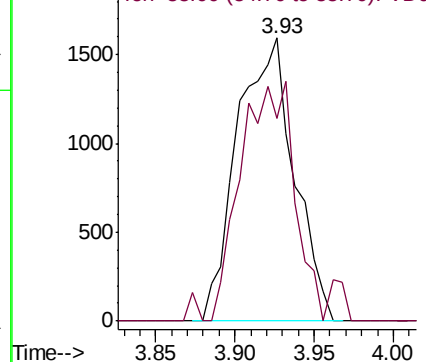
56 100

55 80.2 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 15.755 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

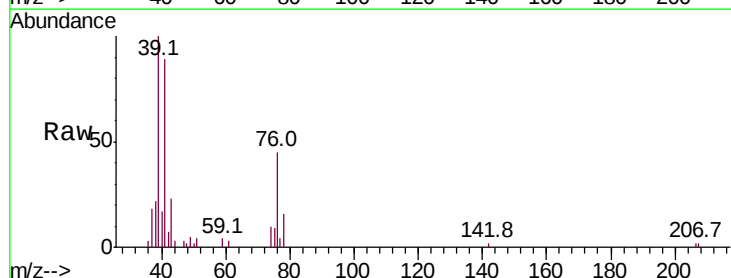
Tgt Ion: 41 Resp: 28835

Ion Ratio Lower Upper

41 100

39 115.9 72.8 109.2#

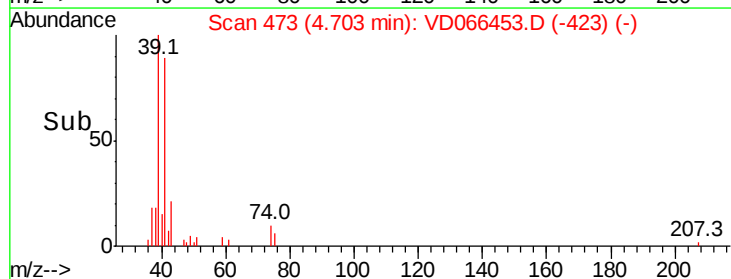
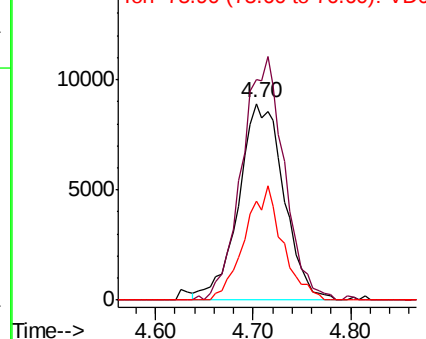
76 48.6 34.0 51.0

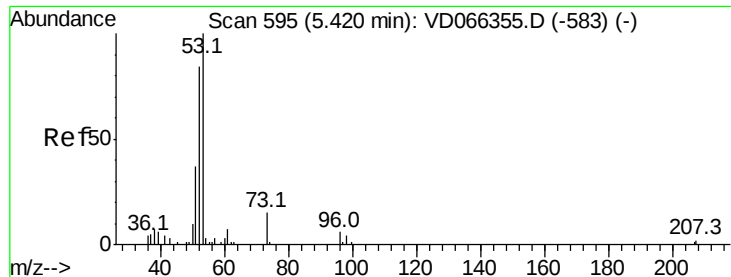


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 87.308 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

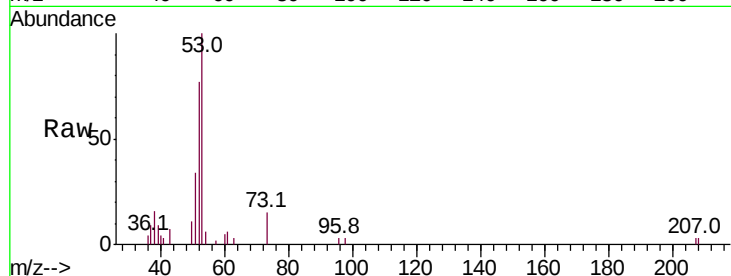
Tot Ion: 53 Resp: 23232

Ion Ratio Lower Upper

53 100

52 82.0 68.1 102.1

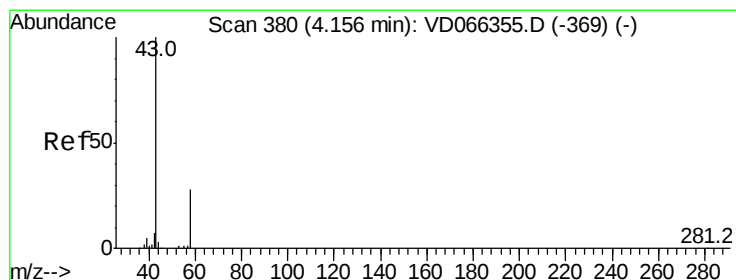
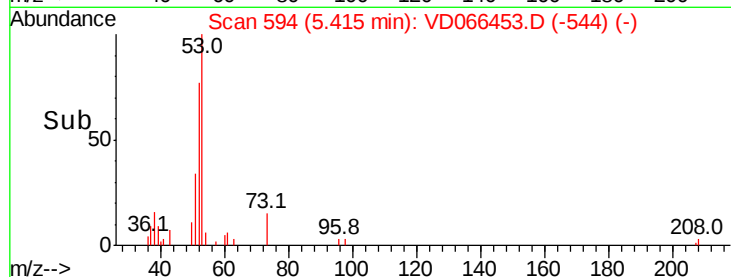
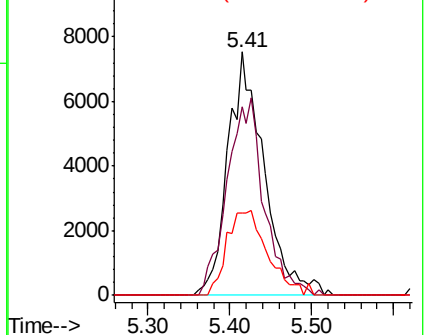
51 38.4 33.8 50.6



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: 94.064 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD066453.D

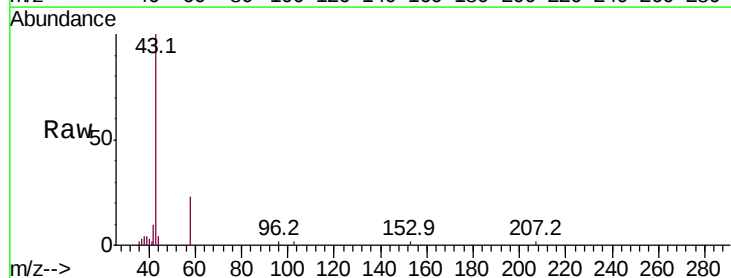
Acq: 28 Aug 2020 12:10

Tgt Ion: 43 Resp: 27971

Ion Ratio Lower Upper

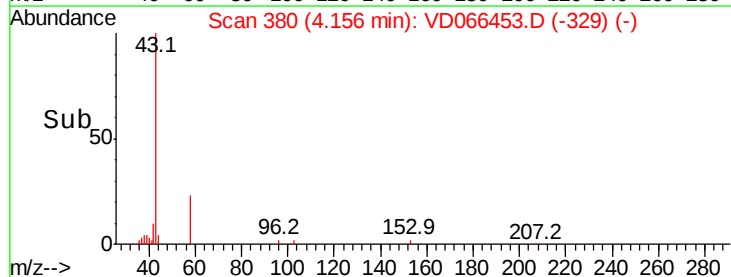
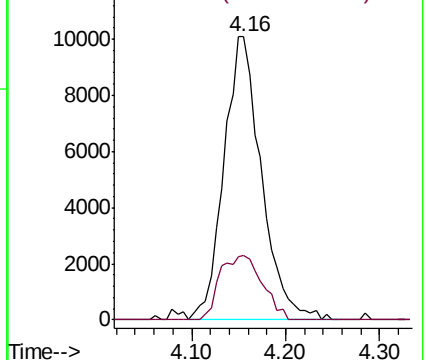
43 100

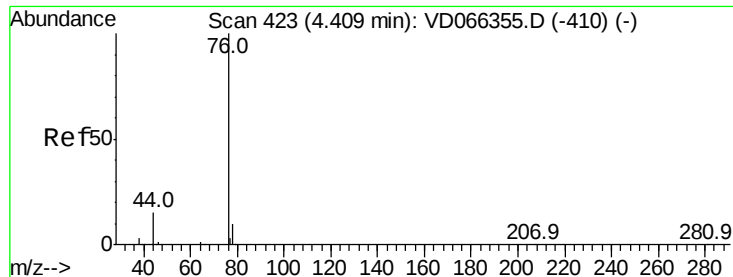
58 22.9 22.7 34.1



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

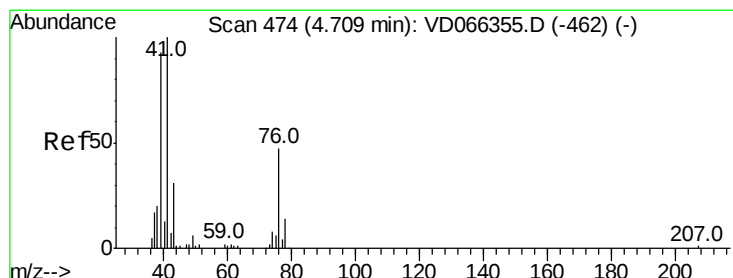
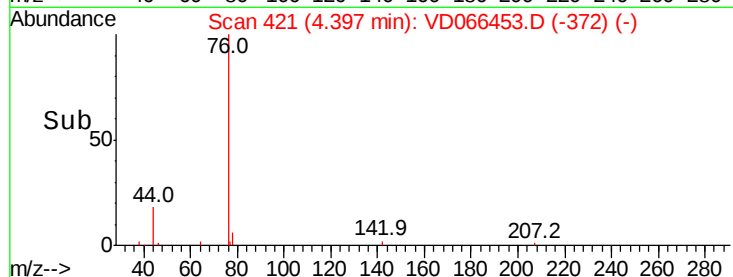
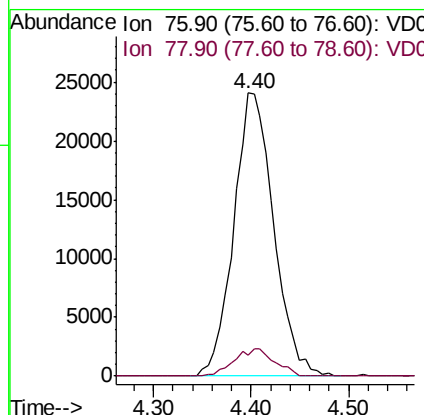
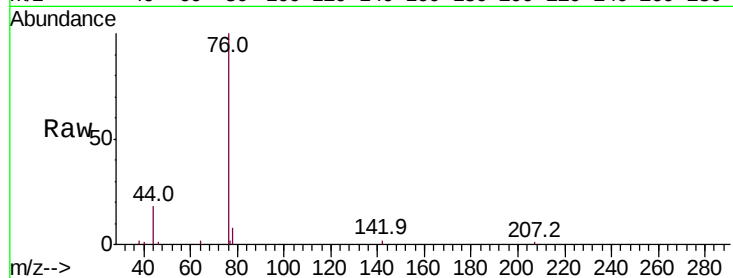




#17
Carbon Disulfide
Concen: 16.547 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

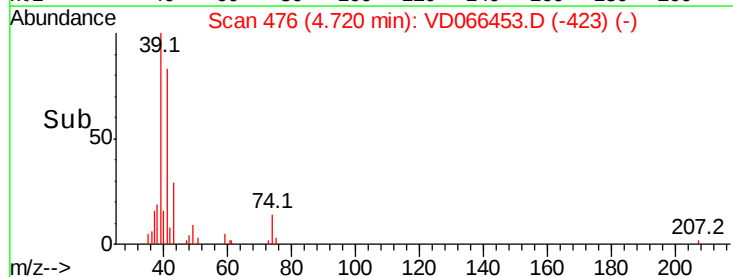
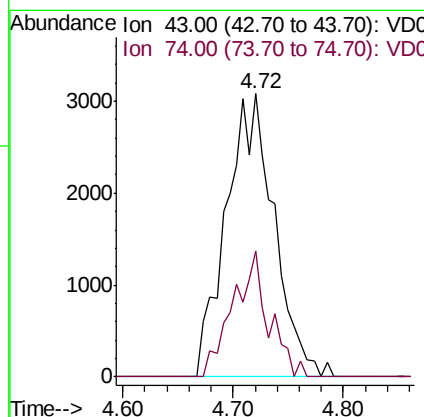
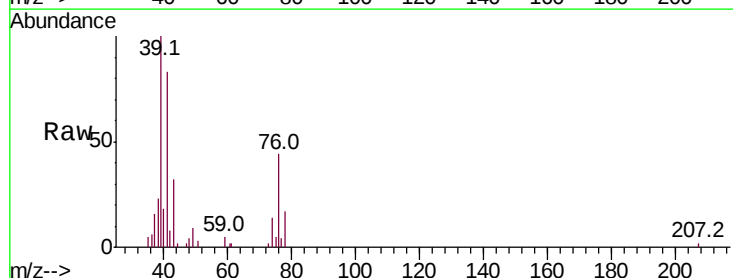
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

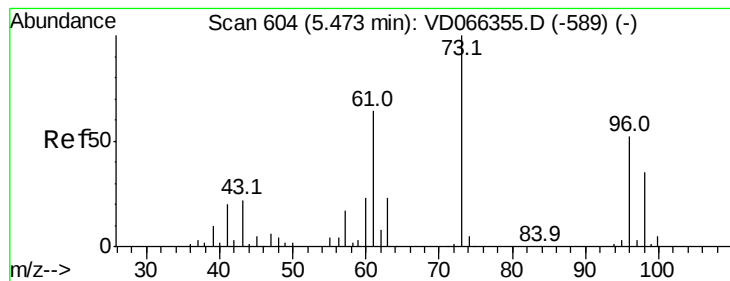
Tot Ion: 76 Resp: 68764
Ion Ratio Lower Upper
76 100
78 7.5 7.7 11.5#



#18
Methyl Acetate
Concen: 16.728 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 43 Resp: 9336
Ion Ratio Lower Upper
43 100
74 33.4 21.0 31.6#



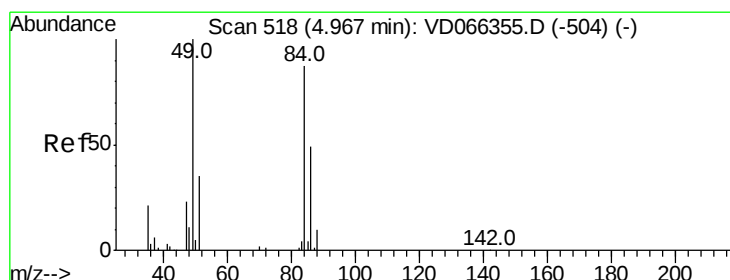
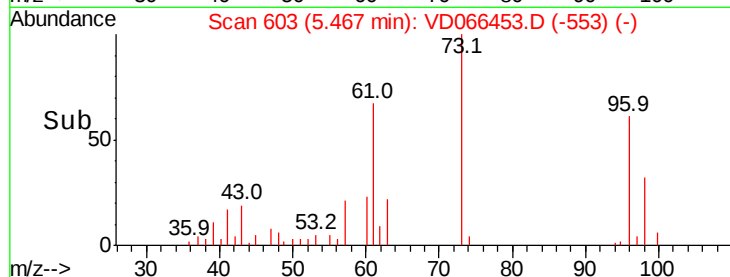
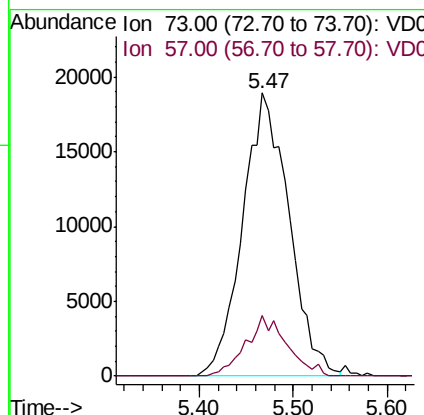
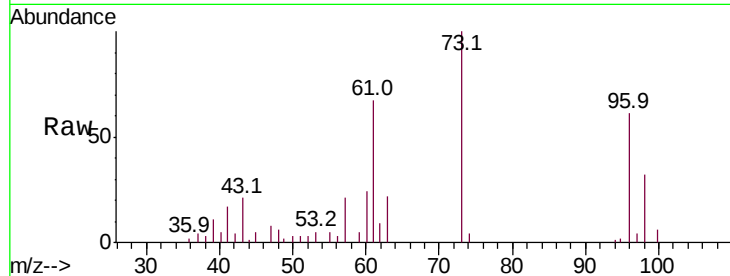


#19

Methyl tert-butyl Ether
 Concen: 19.545 ug/l
 RT: 5.47 min Scan# 603
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

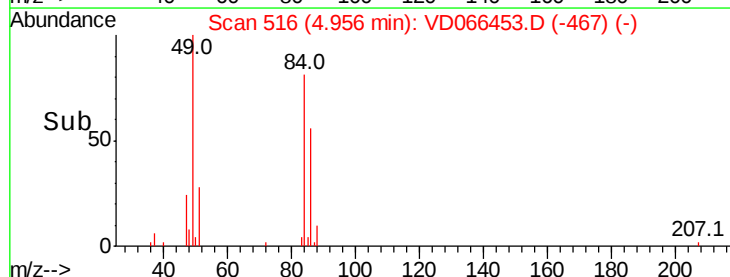
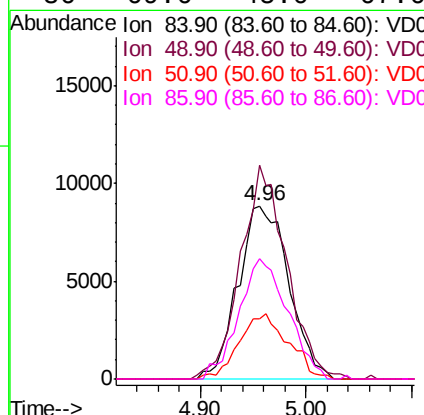
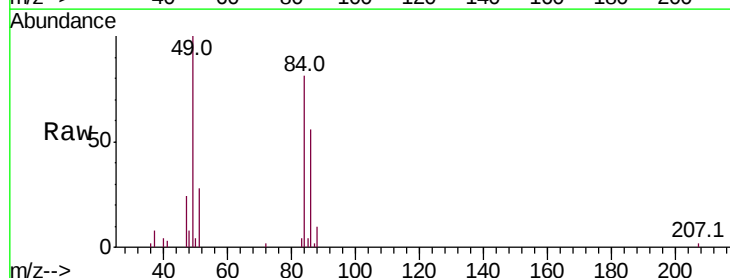
Tot Ion: 73 Resp: 64531
 Ion Ratio Lower Upper
 73 100
 57 21.3 13.8 20.6#

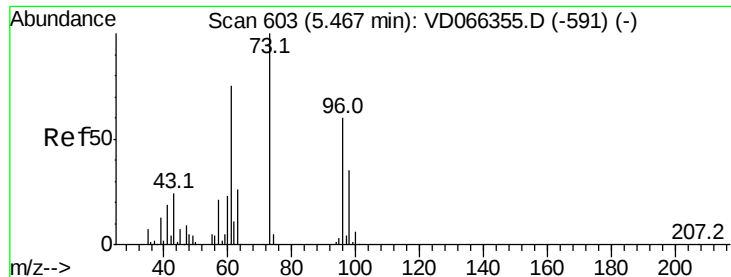


#20

Methylene Chloride
 Concen: 13.982 ug/l
 RT: 4.96 min Scan# 516
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion: 84 Resp: 29466
 Ion Ratio Lower Upper
 84 100
 49 123.5 92.5 138.7
 51 35.1 32.5 48.7
 86 69.6 45.0 67.6#





#21

trans-1,2-Dichloroethene

Concen: 18.670 ug/l

RT: 5.47 min Scan# 603

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

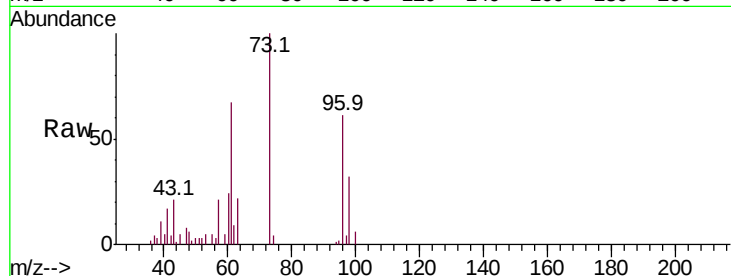
Tot Ion: 96 Resp: 29800

Ion Ratio Lower Upper

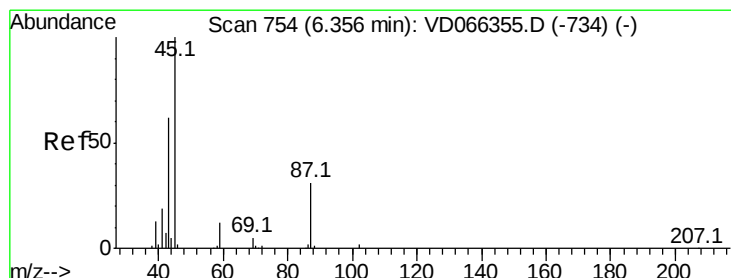
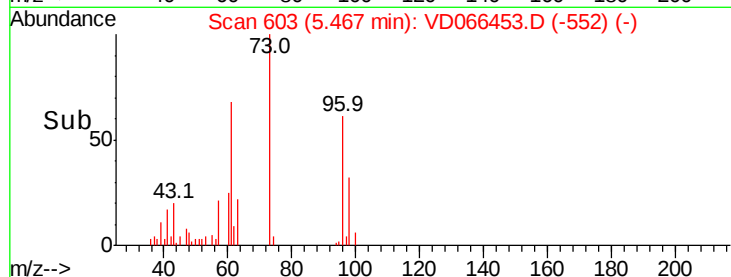
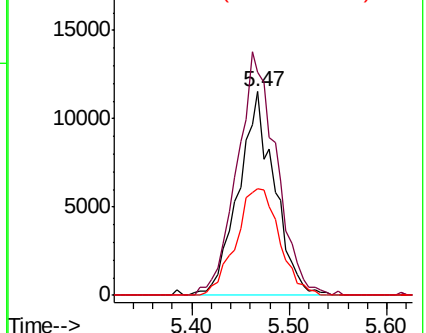
96 100

61 110.0 101.1 151.7

98 52.5 47.0 70.6



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



#22

Diisopropyl ether

Concen: 16.589 ug/l

RT: 6.36 min Scan# 754

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion: 45 Resp: 58783

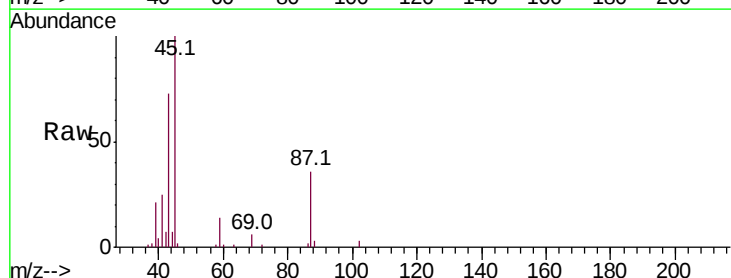
Ion Ratio Lower Upper

45 100

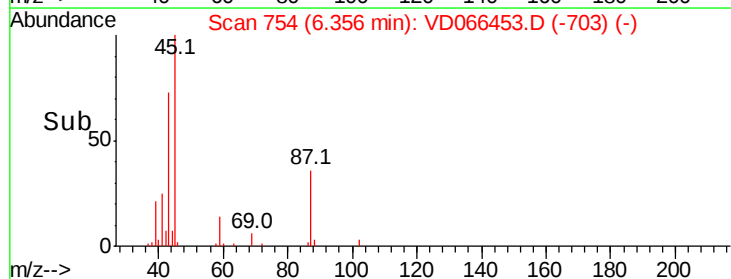
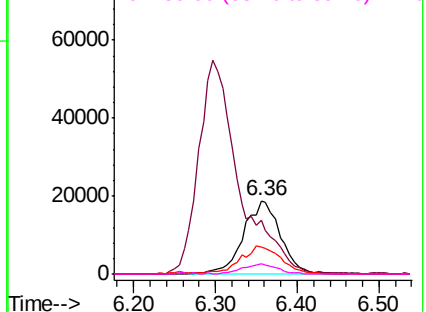
43 72.0 49.8 74.8

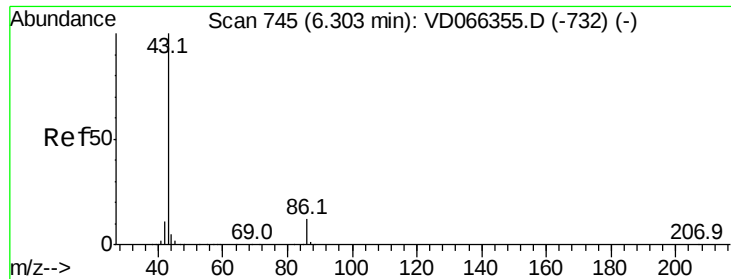
87 36.4 25.0 37.6

59 14.2 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VDC
Ion 43.00 (42.70 to 43.70): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 59.00 (58.70 to 59.70): VDC

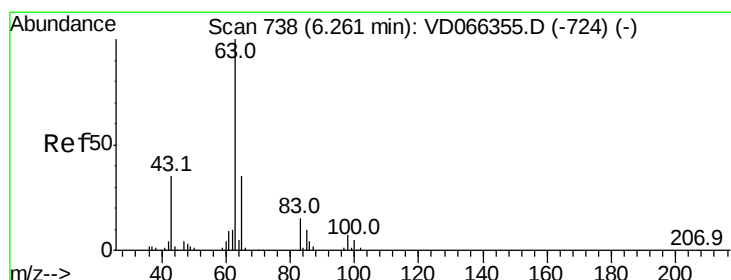
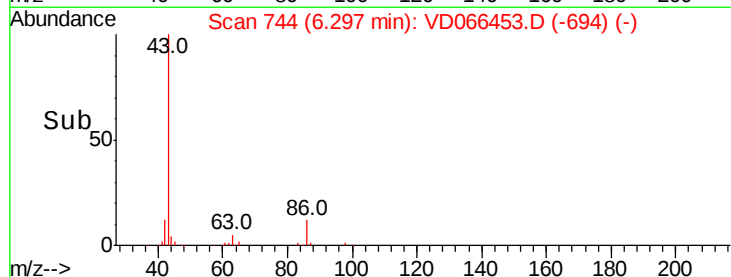
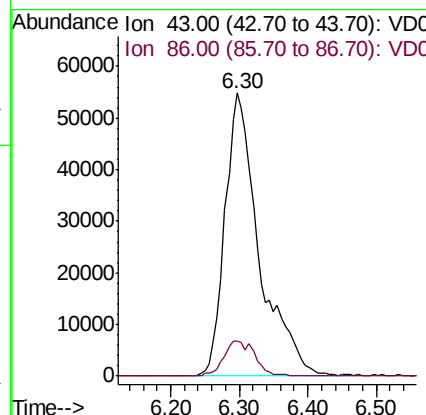
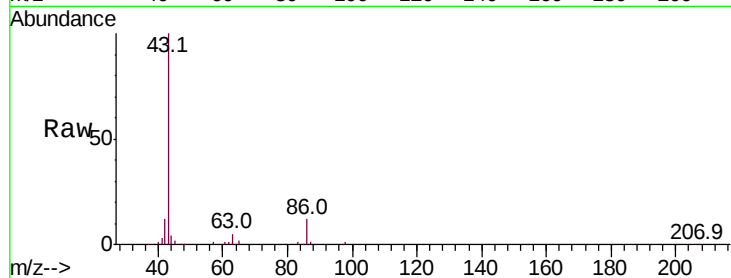




#23
 Vinyl Acetate
 Concen: 86.693 ug/l
 RT: 6.30 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

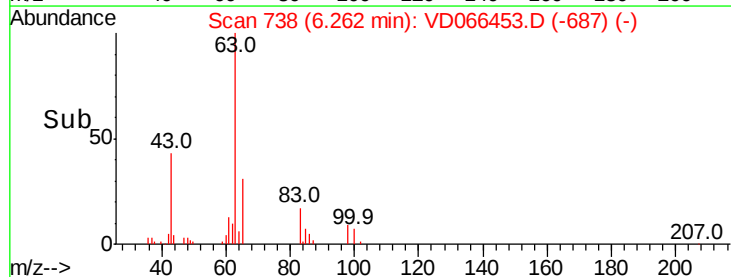
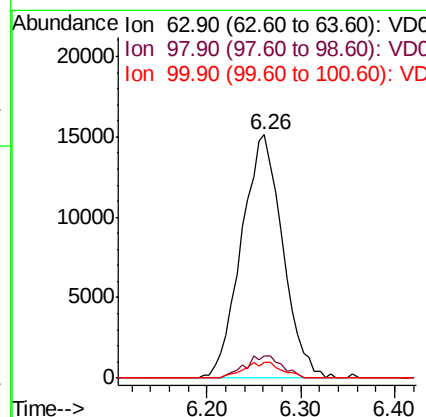
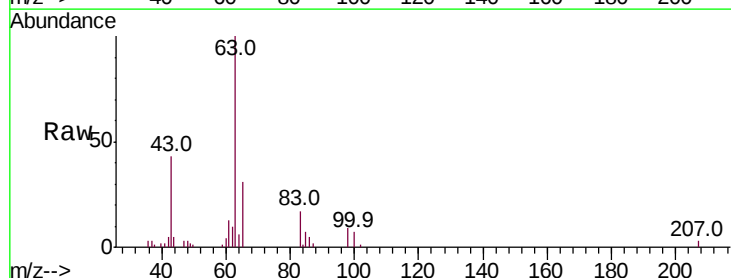
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

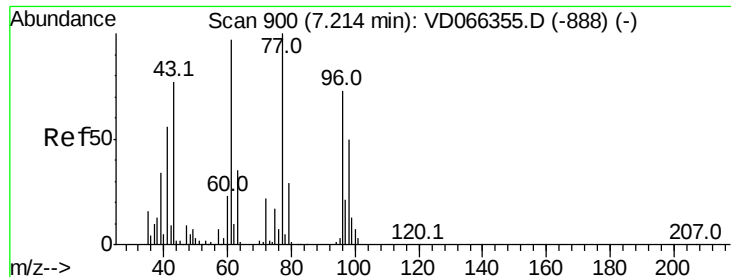
Tot Ion: 43 Resp: 190175
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.4 14.0



#24
 1,1-Dichloroethane
 Concen: 18.346 ug/l
 RT: 6.26 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion: 63 Resp: 45940
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.6
 100 6.7 2.5 7.6

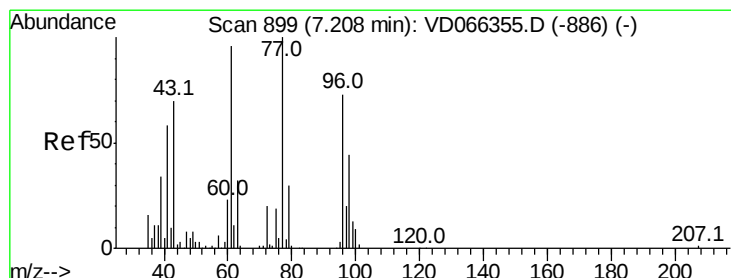
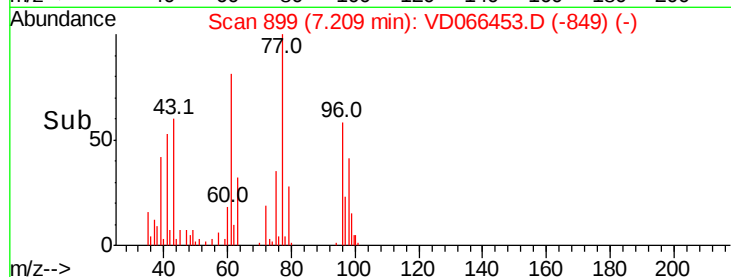
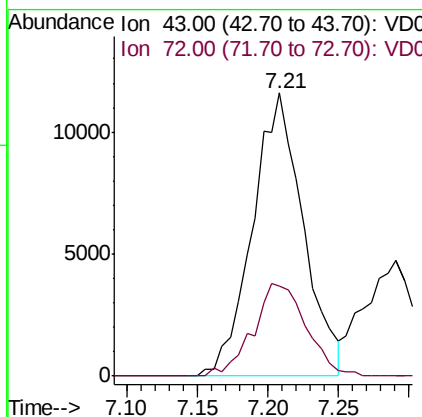
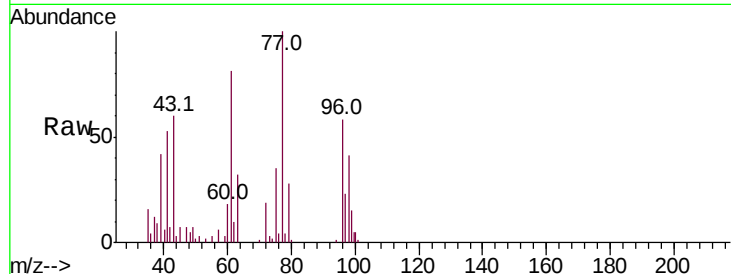




#25
2-Butanone
Concen: 86.501 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

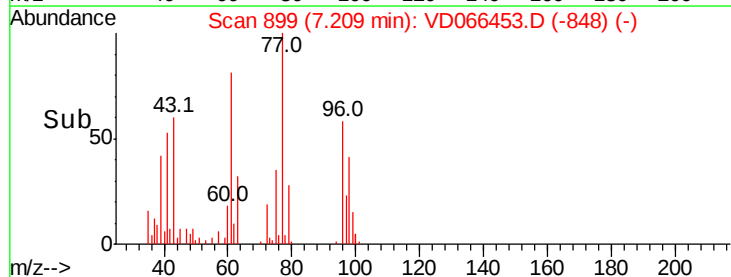
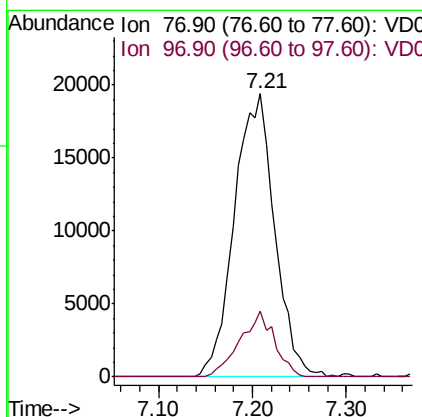
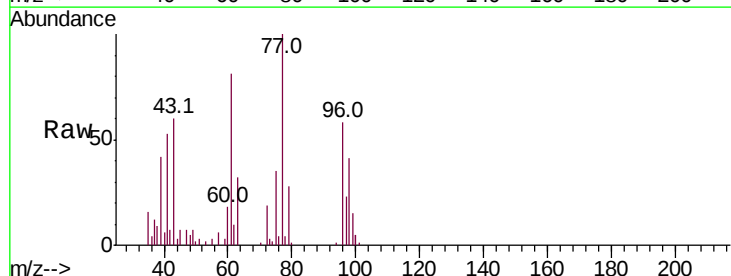
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

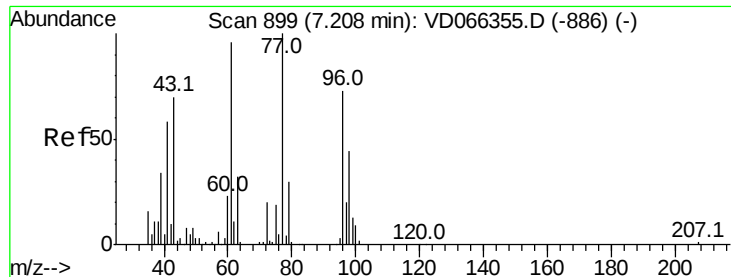
Tot Ion: 43 Resp: 29201
Ion Ratio Lower Upper
43 100
72 32.0 22.5 33.7



#26
2,2-Dichloropropane
Concen: 21.467 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 77 Resp: 57614
Ion Ratio Lower Upper
77 100
97 20.1 10.7 31.9



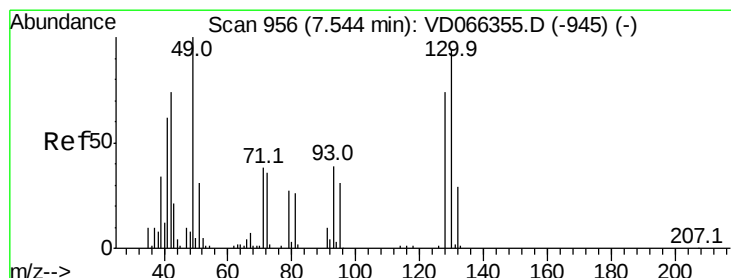
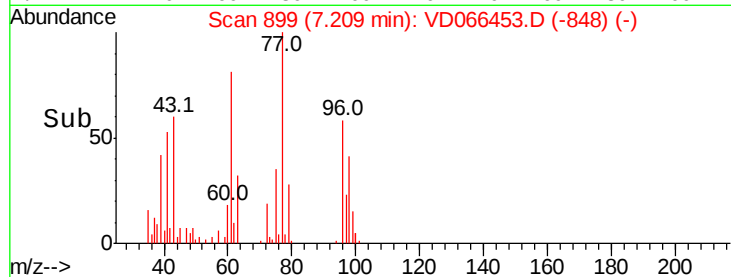
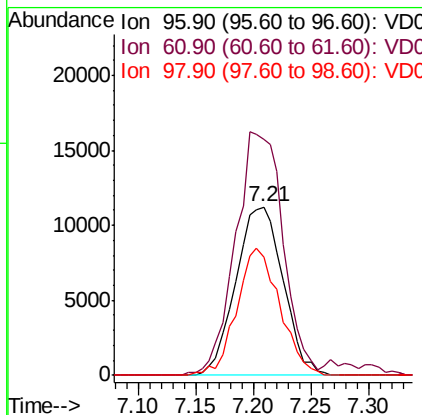
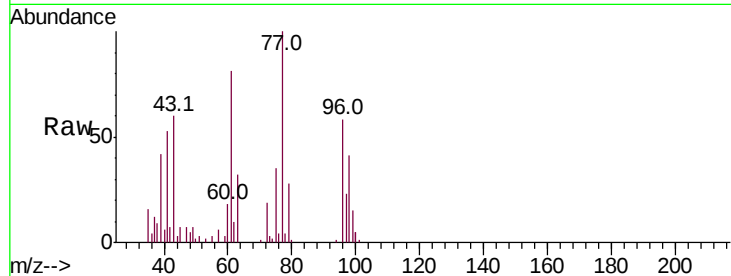


#27

cis-1,2-Dichloroethene
Concen: 18.720 ug/l
RT: 7.21 min Scan# 899
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

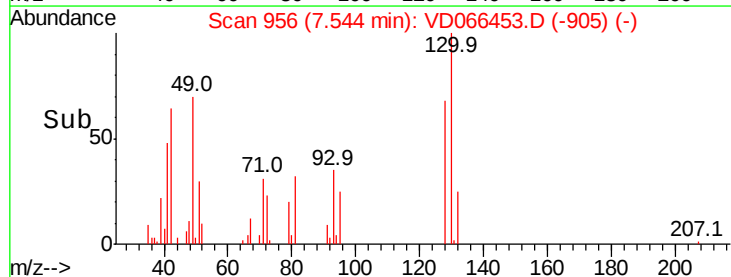
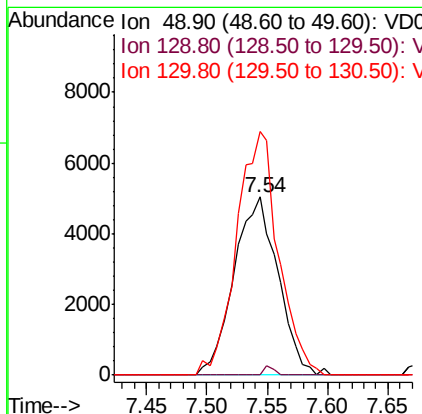
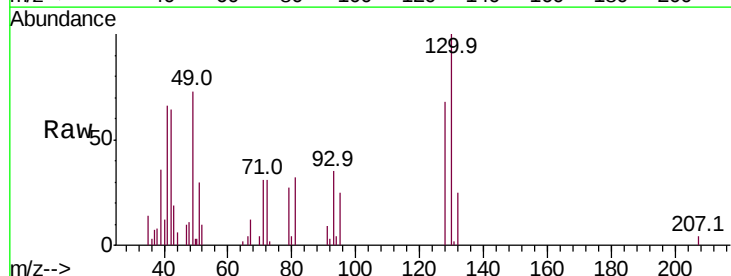
Tot Ion: 96 Resp: 32016
Ion Ratio Lower Upper
96 100
61 145.6 0.0 281.4
98 68.8 0.0 132.2

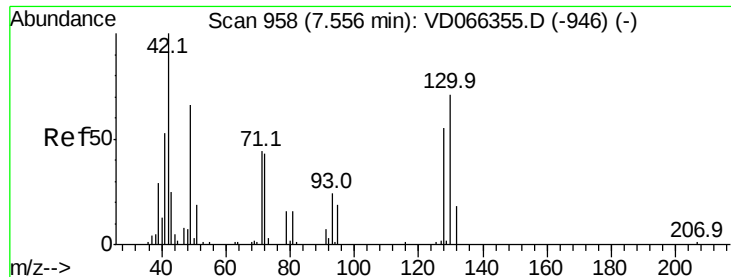


#28

Bromochloromethane
Concen: 14.814 ug/l
RT: 7.54 min Scan# 956
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 49 Resp: 12778
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.0
130 129.8 82.6 124.0#





#29

Tetrahydrofuran

Concen: 80.687 ug/l

RT: 7.56 min Scan# 958

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

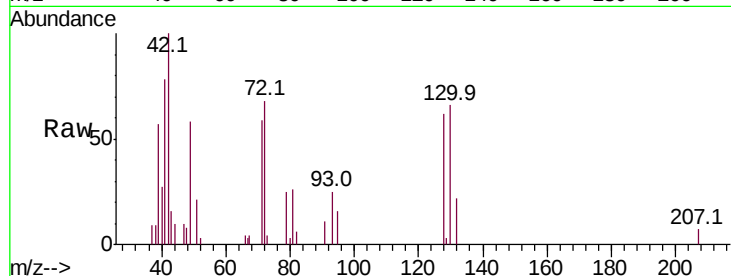
Tot Ion: 42 Resp: 15471

Ion Ratio Lower Upper

42 100

72 54.4 41.0 61.4

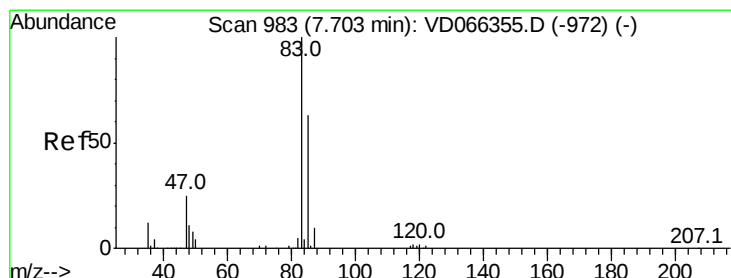
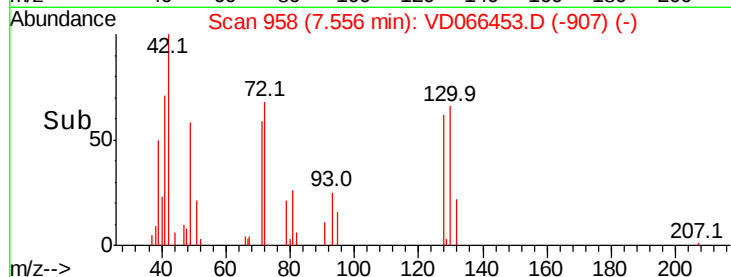
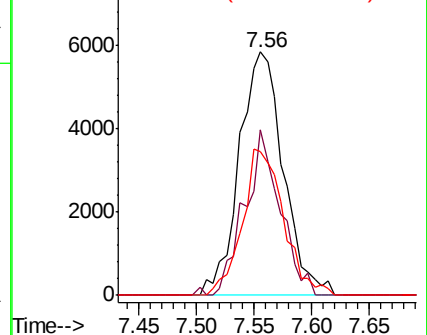
71 56.5 37.2 55.8#



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: 20.831 ug/l

RT: 7.71 min Scan# 984

Delta R.T. 0.01 min

Lab File: VD066453.D

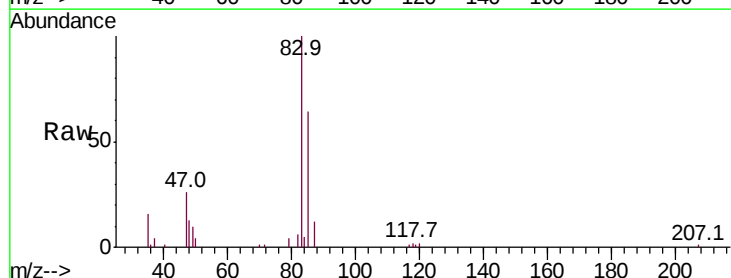
Acq: 28 Aug 2020 12:10

Tgt Ion: 83 Resp: 60354

Ion Ratio Lower Upper

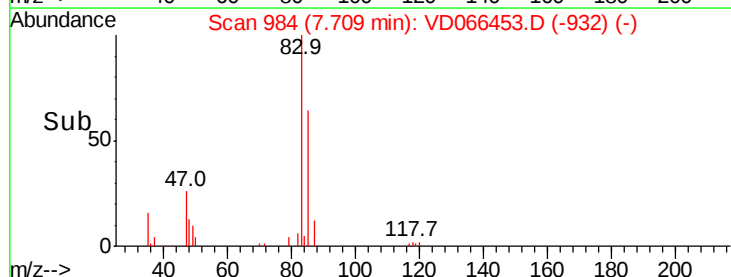
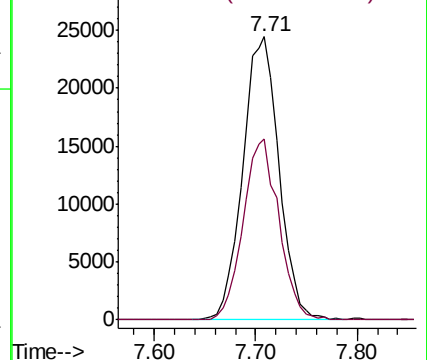
83 100

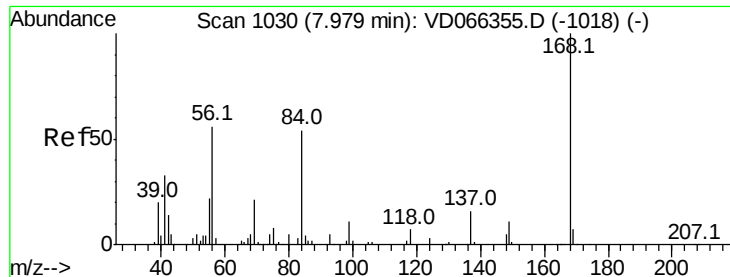
85 64.0 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

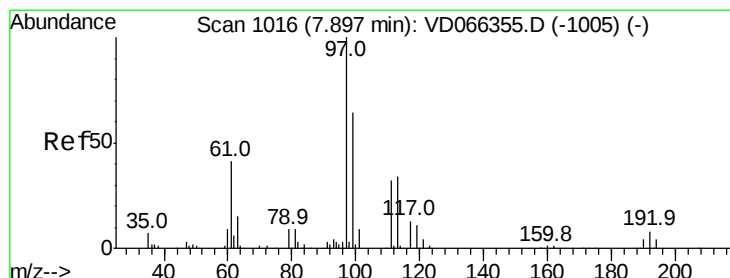
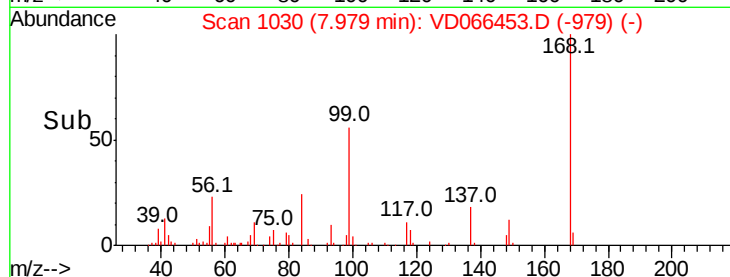
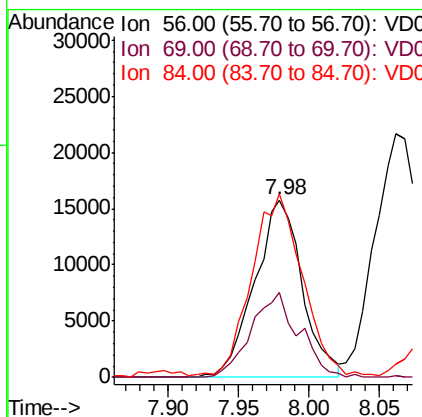
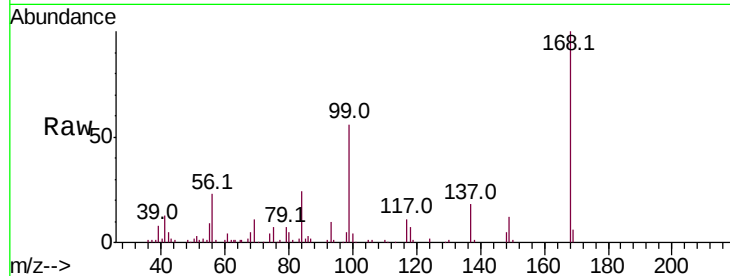




#31
Cyclohexane
Concen: 16.206 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

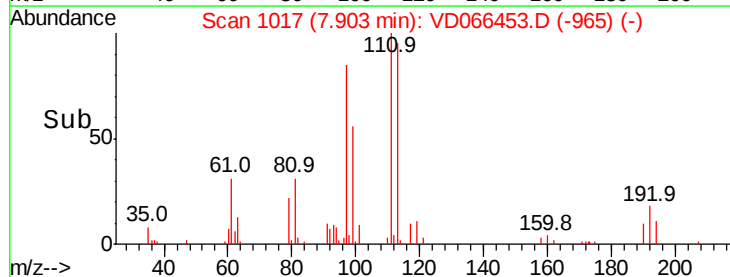
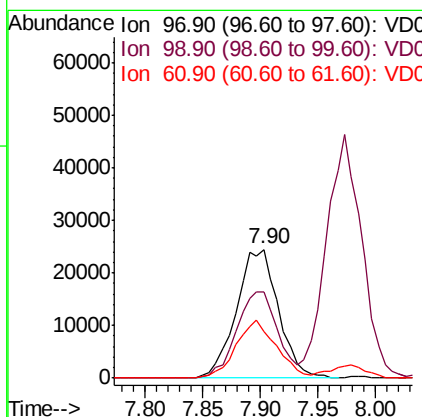
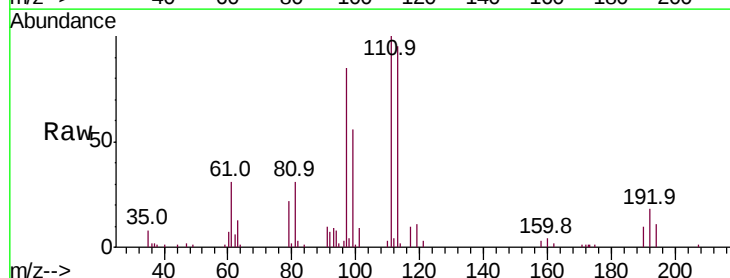
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

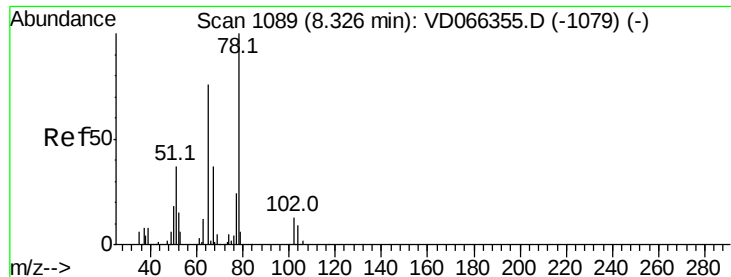
Tot Ion: 56 Resp: 37115
Ion Ratio Lower Upper
56 100
69 47.5 29.6 44.4#
84 101.9 76.6 115.0



#32
1,1,1-Trichloroethane
Concen: 20.809 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 97 Resp: 61704
Ion Ratio Lower Upper
97 100
99 65.8 51.5 77.3
61 43.7 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 55.831 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. 0.00 min

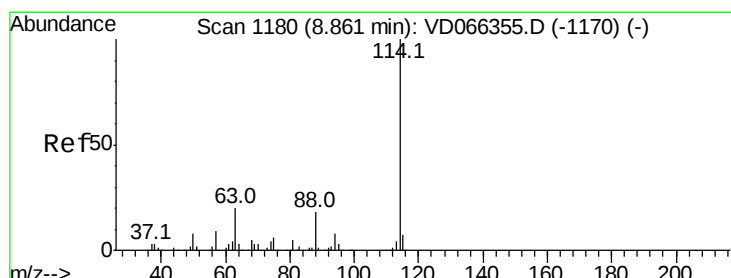
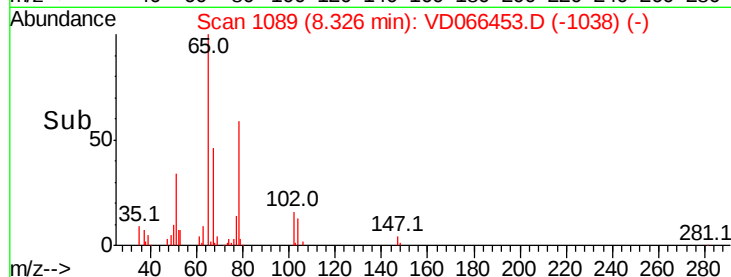
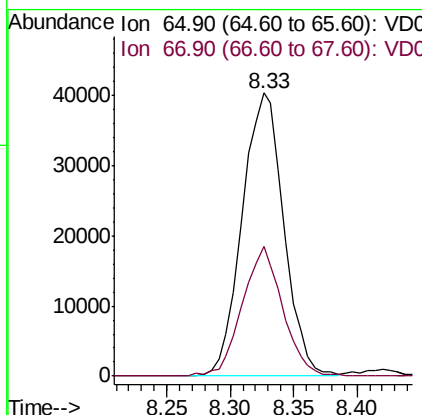
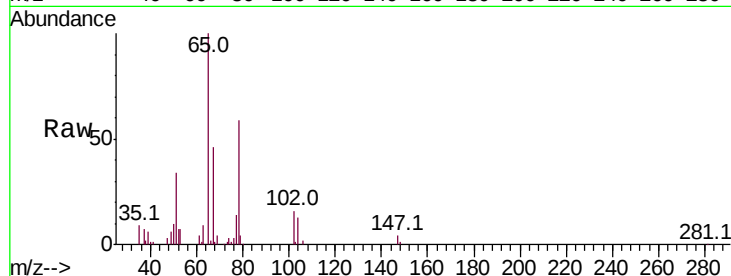
Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion: 65 Resp: 92088

Ion	Ratio	Lower	Upper
65	100		
67	44.3	0.0	101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

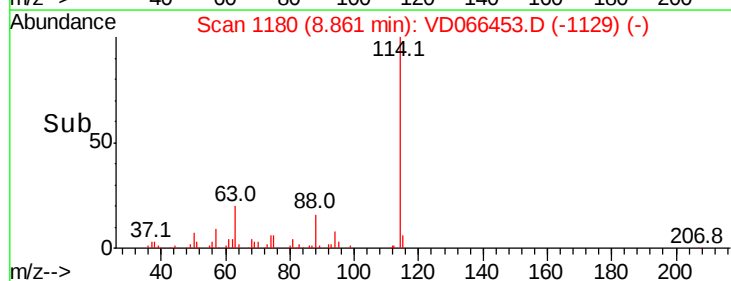
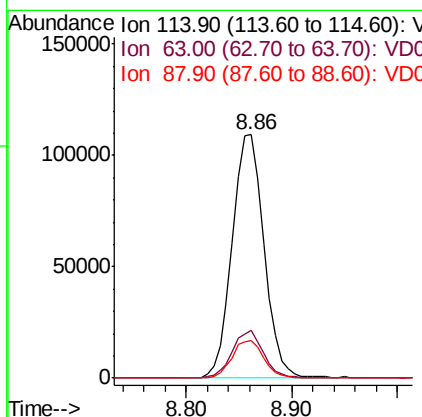
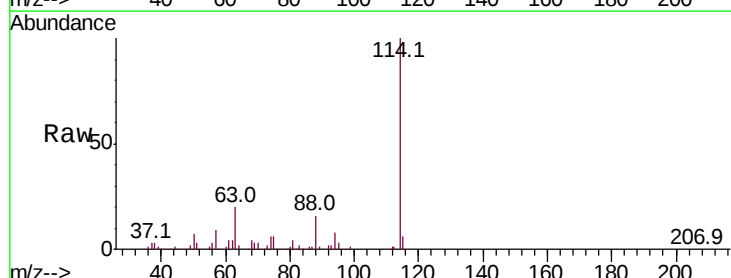
Delta R.T. 0.00 min

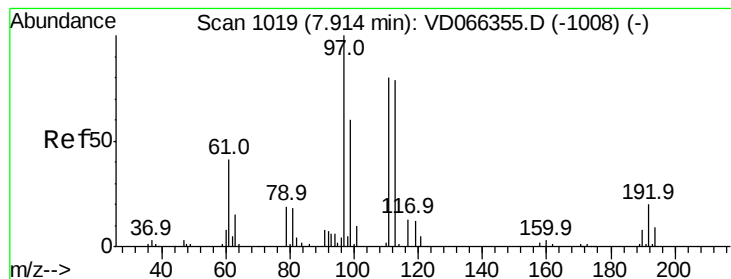
Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion: 114 Resp: 227921

Ion	Ratio	Lower	Upper
114	100		
63	19.5	0.0	40.8
88	15.6	0.0	35.4





#35

Dibromofluoromethane

Concen: 51.828 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

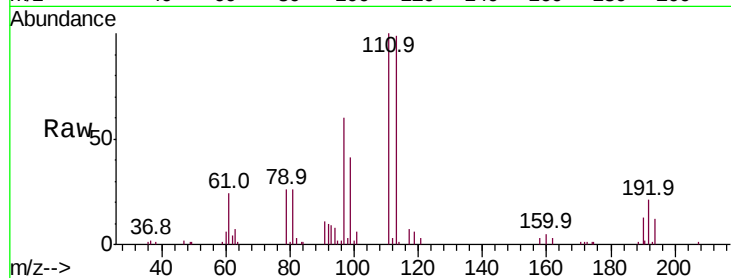
Tot Ion:113 Resp: 73866

Ion Ratio Lower Upper

113 100

111 102.3 80.3 120.5

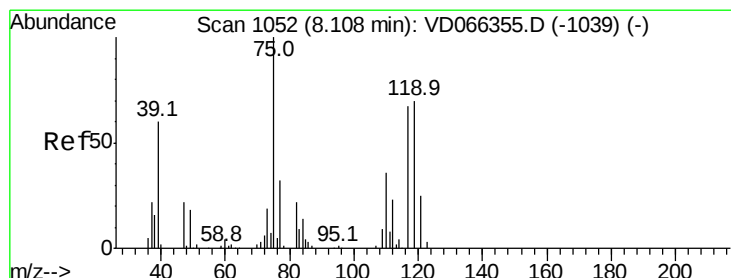
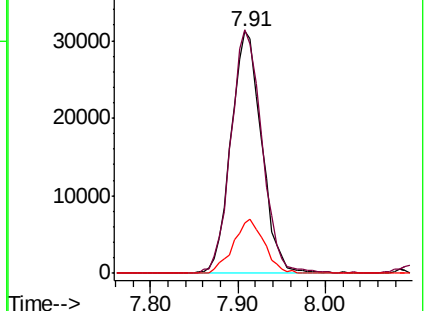
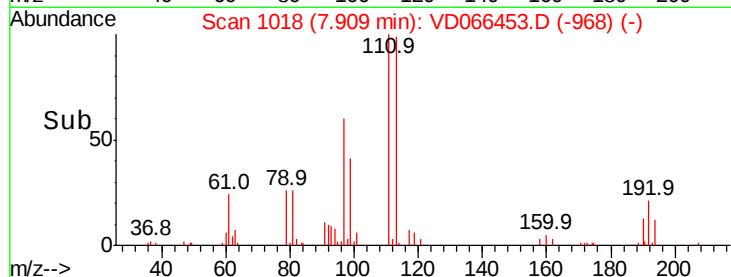
192 22.3 19.0 28.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 20.268 ug/l

RT: 8.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

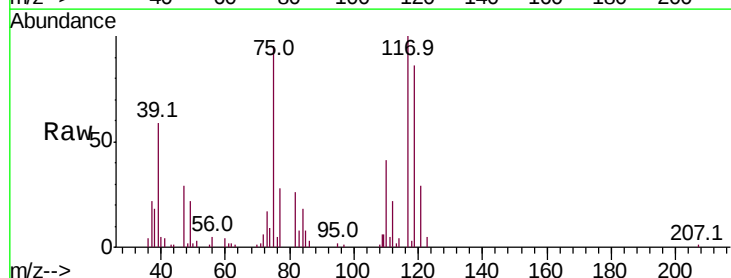
Tgt Ion: 75 Resp: 42151

Ion Ratio Lower Upper

75 100

110 38.8 18.7 56.1

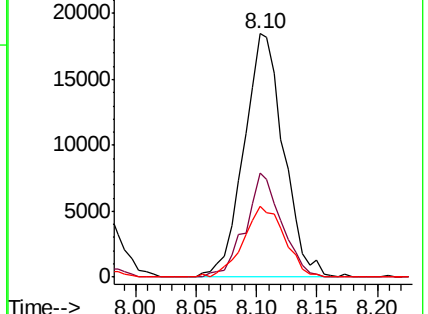
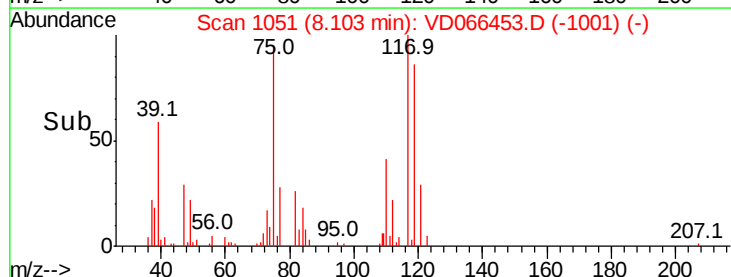
77 30.1 25.2 37.8

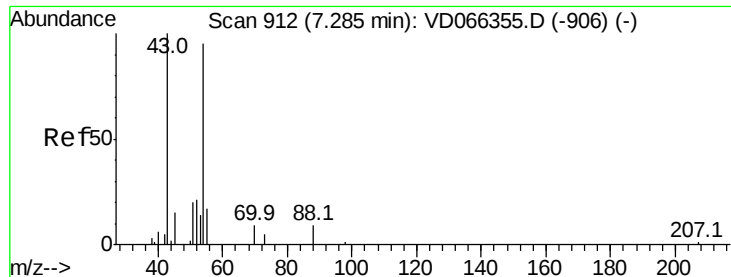


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

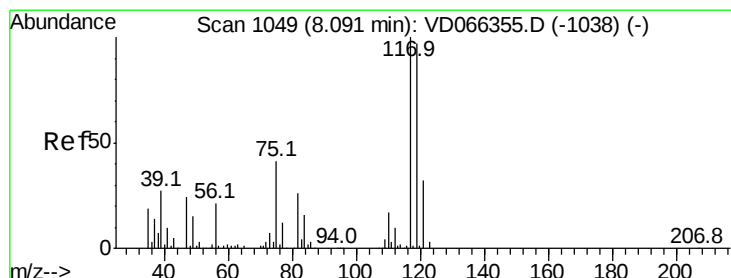
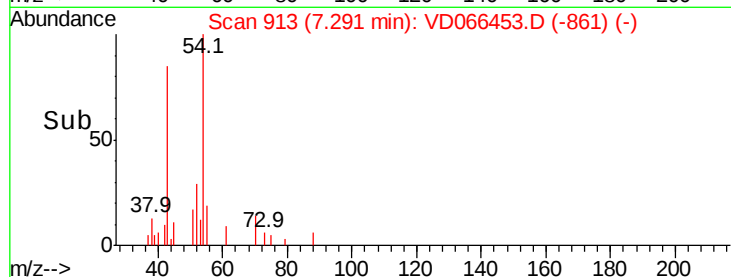
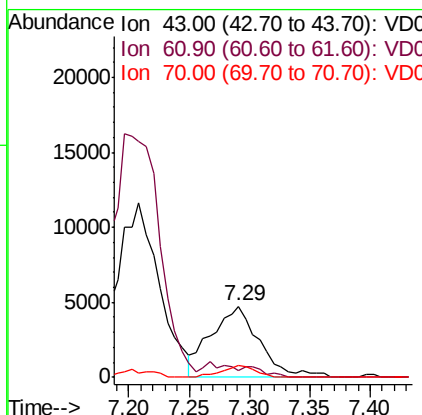
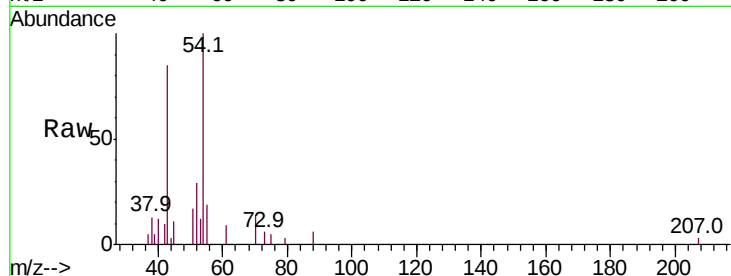




#37
Ethyl Acetate
Concen: 18.639 ug/l
RT: 7.29 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

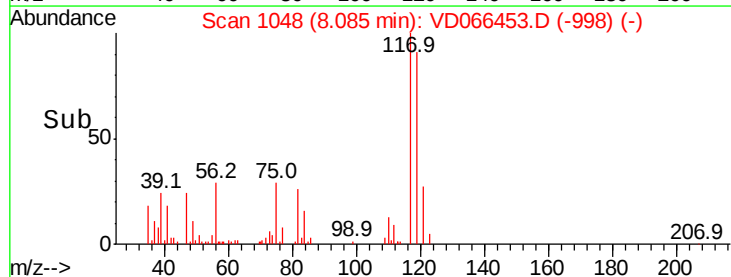
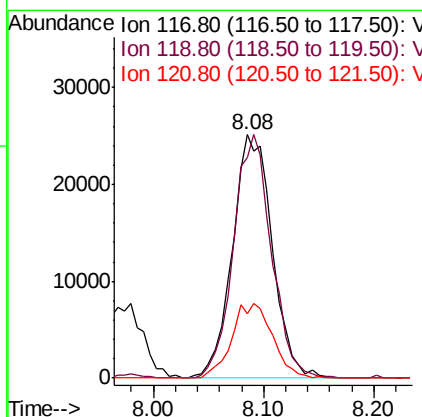
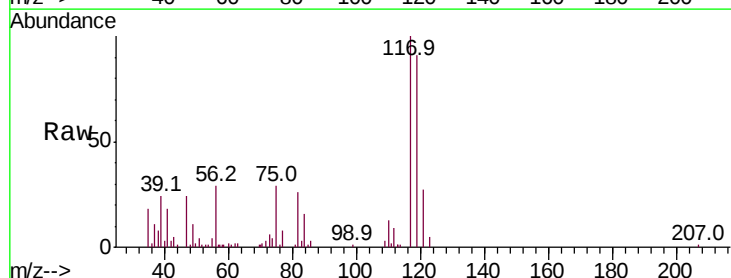
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

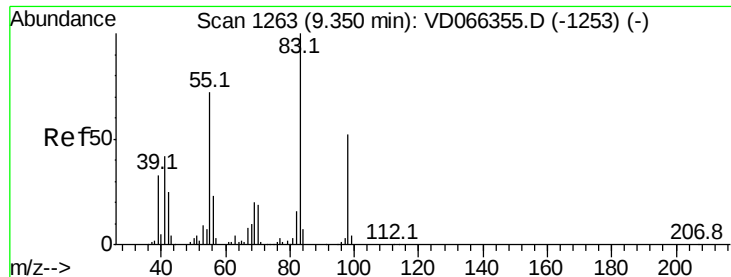
Tot Ion: 43 Resp: 13184
Ion Ratio Lower Upper
43 100
61 0.0 13.3 19.9#
70 11.5 3.5 5.3#



#38
Carbon Tetrachloride
Concen: 23.403 ug/l
RT: 8.08 min Scan# 1048
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 117 Resp: 63410
Ion Ratio Lower Upper
117 100
119 90.5 77.2 115.8
121 26.7 25.8 38.8

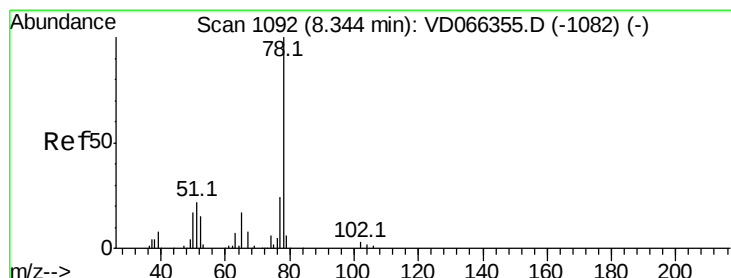
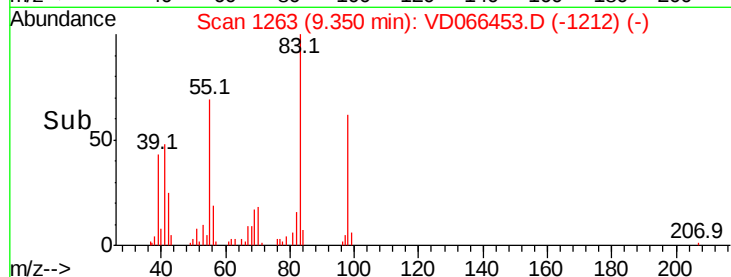
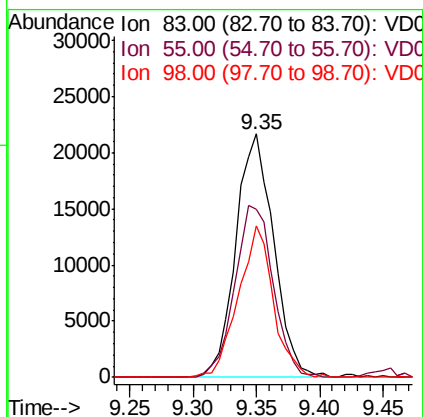
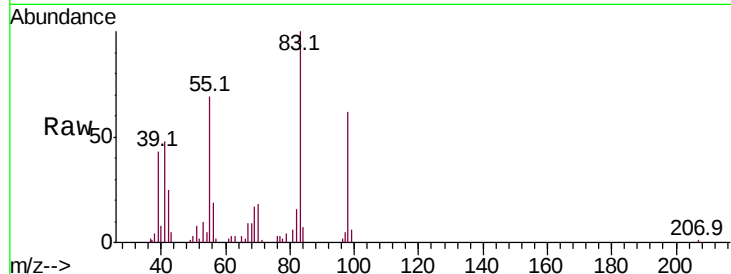




#39
Methvlcvclohexane
Concen: 18.286 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

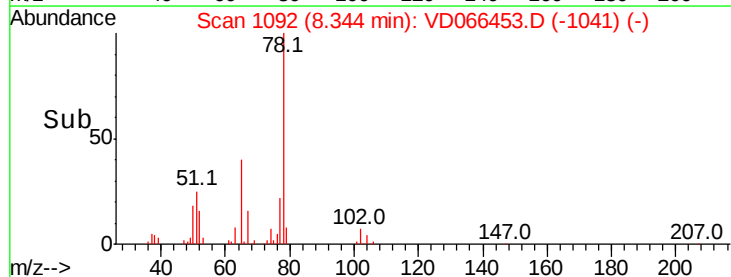
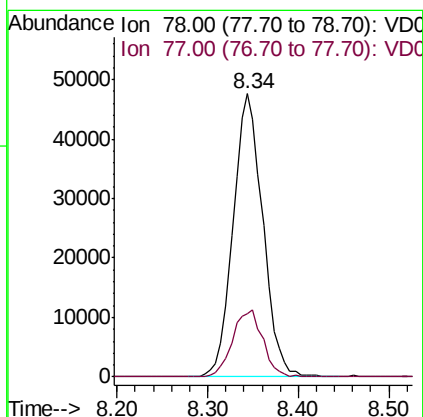
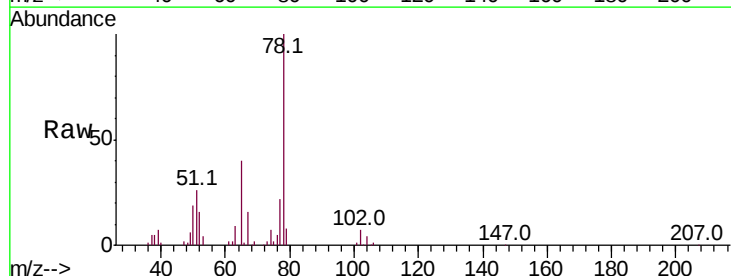
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

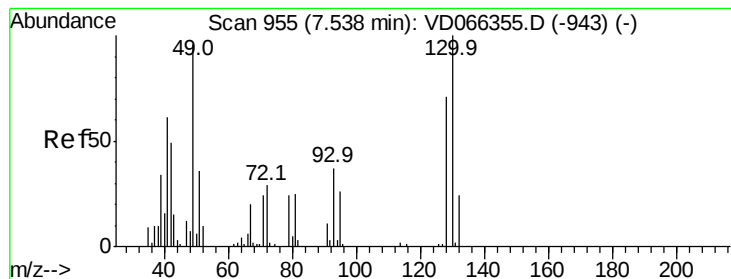
Tot Ion: 83 Resp: 44796
Ion Ratio Lower Upper
83 100
55 69.2 58.0 87.0
98 62.1 41.9 62.9



#40
Benzene
Concen: 19.726 ug/l
RT: 8.34 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 78 Resp: 107917
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2





#41

Methacrylonitrile

Concen: 46.723 ug/l

RT: 7.55 min Scan# 957

Delta R.T. 0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

Tot Ion: 41 Resp: 20380

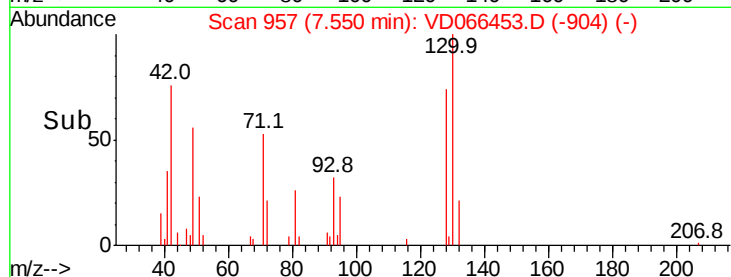
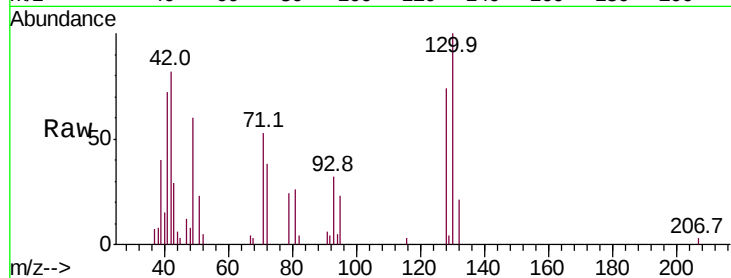
Ion Ratio Lower Upper

41 100

39 40.1 51.8 77.8#

67 0.0 0.0 0.0

52 0.0 0.0 0.0

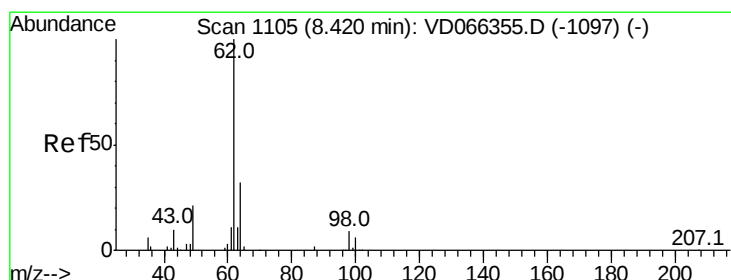
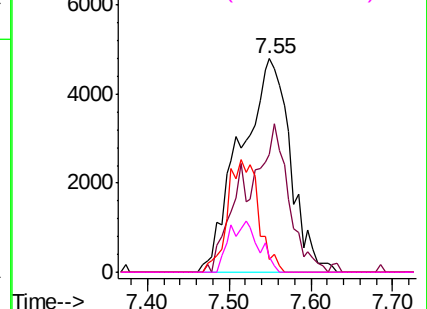


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 22.237 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. 0.00 min

Lab File: VD066453.D

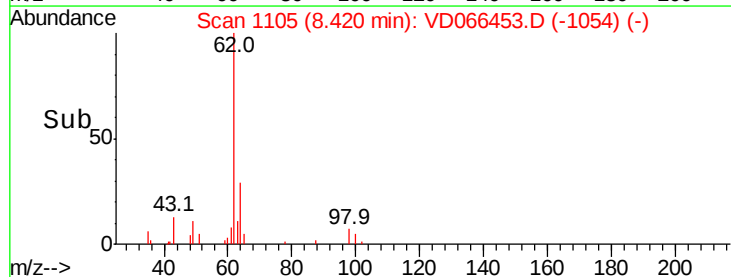
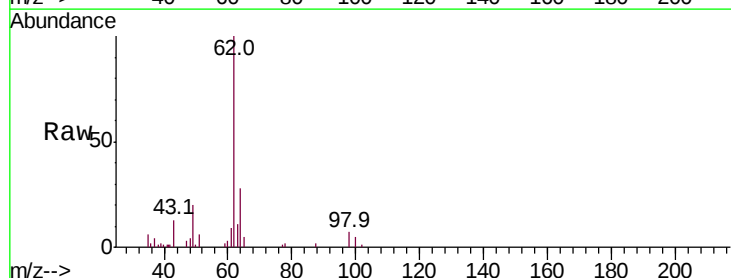
Acq: 28 Aug 2020 12:10

Tgt Ion: 62 Resp: 42848

Ion Ratio Lower Upper

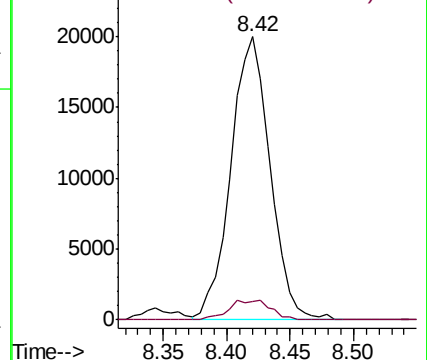
62 100

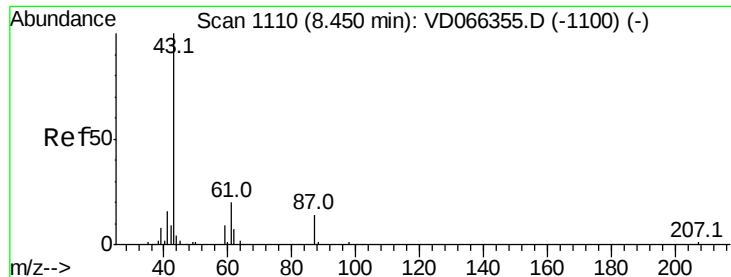
98 7.4 0.0 16.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC





#43

Isopropyl Acetate

Concen: 18.540 ug/l

RT: 8.44 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

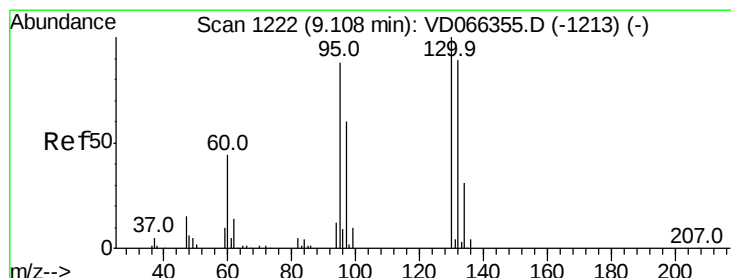
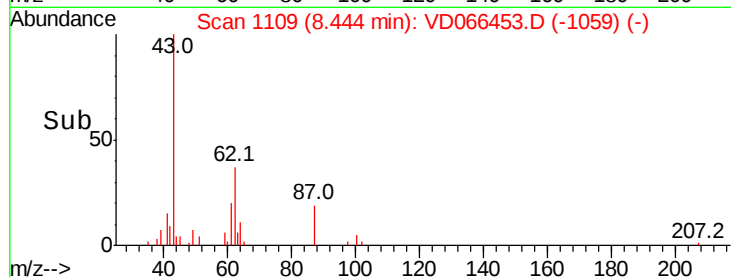
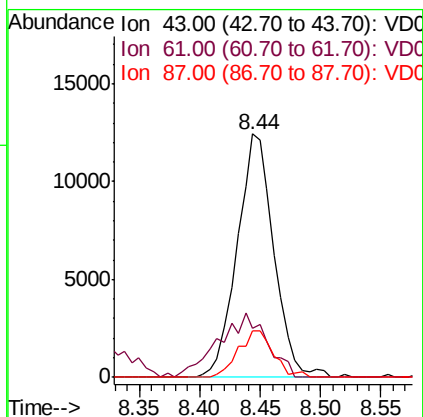
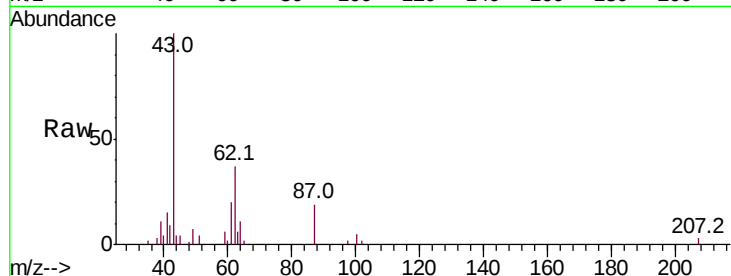
Tot Ion: 43 Resp: 26321

Ion Ratio Lower Upper

43 100

61 34.6 26.5 39.7

87 18.5 11.9 17.9#



#44

Trichloroethene

Concen: 20.704 ug/l

RT: 9.11 min Scan# 1222

Delta R.T. 0.00 min

Lab File: VD066453.D

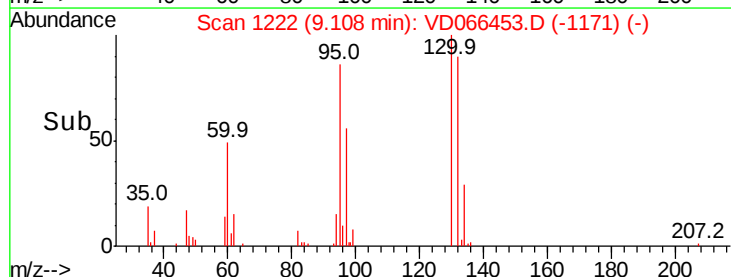
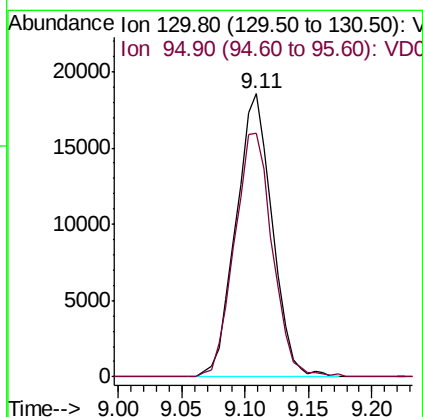
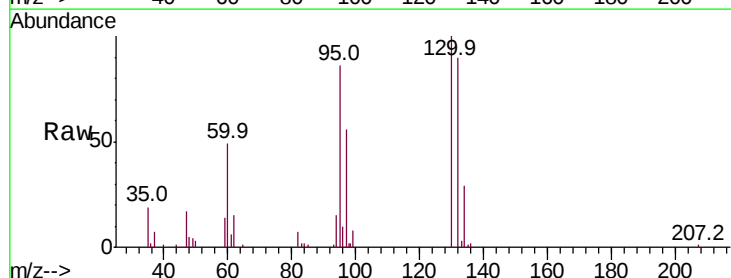
Acq: 28 Aug 2020 12:10

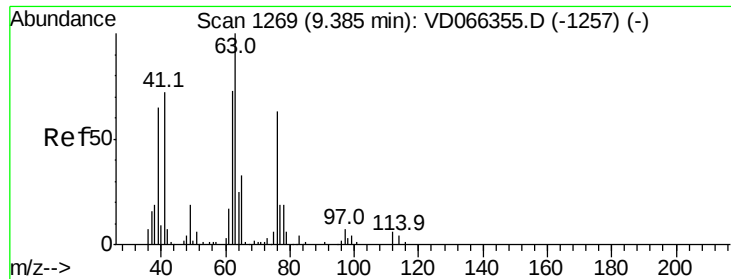
Tgt Ion:130 Resp: 36806

Ion Ratio Lower Upper

130 100

95 86.0 0.0 175.6

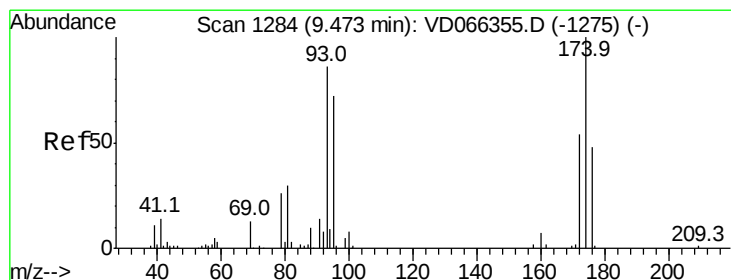
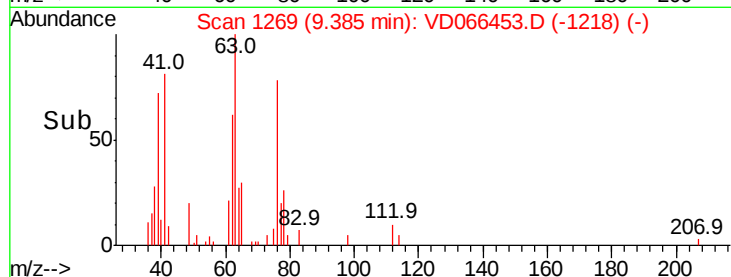
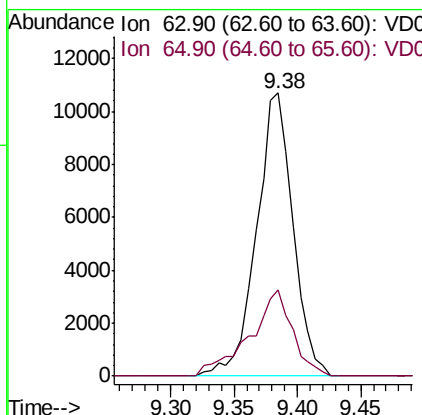
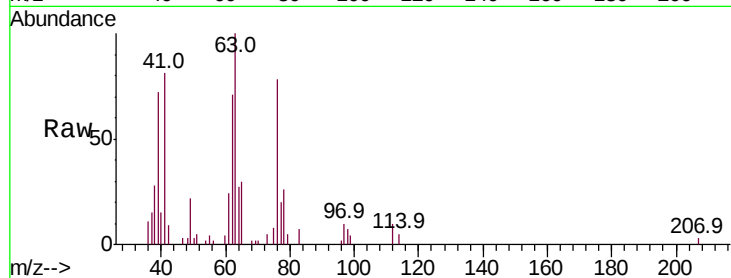




#45
 1,2-Dichloropropane
 Concen: 17.292 ug/l
 RT: 9.38 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

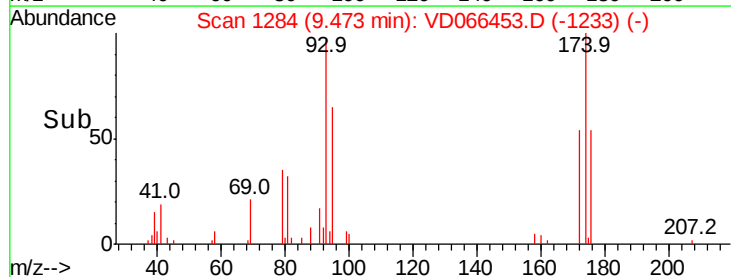
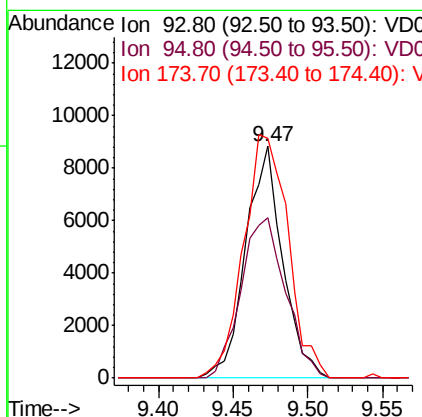
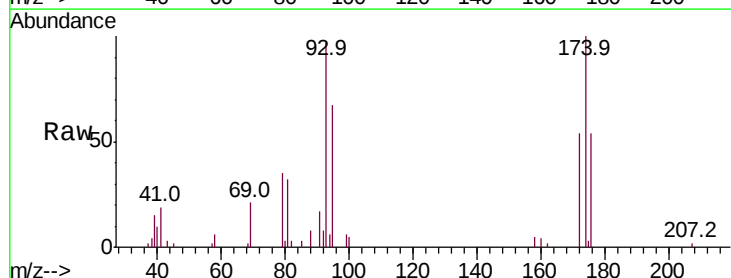
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

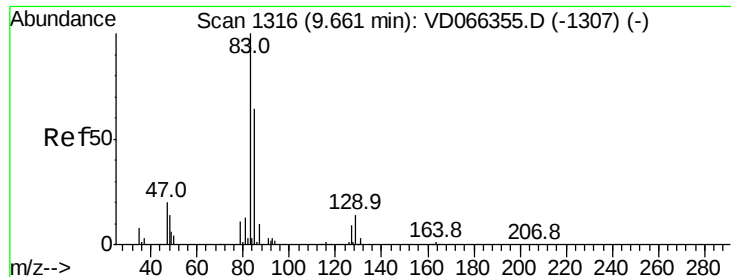
Tot Ion: 63 Resp: 21447
 Ion Ratio Lower Upper
 63 100
 65 30.4 26.4 39.6



#46
 Dibromomethane
 Concen: 19.665 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion: 93 Resp: 15186
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.0 99.0
 174 126.0 94.6 141.8





#47

Bromodichloromethane

Concen: 21.826 ug/l

RT: 9.66 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

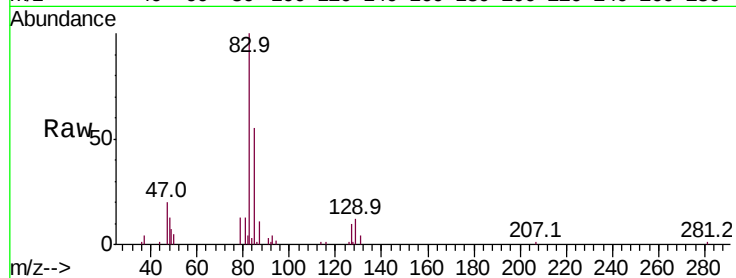
Tot Ion: 83 Resp: 46351

Ion Ratio Lower Upper

83 100

85 55.0 51.4 77.0

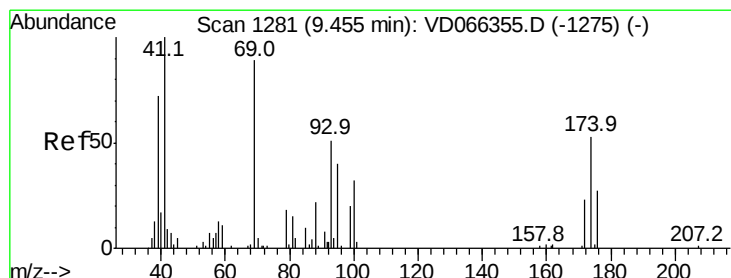
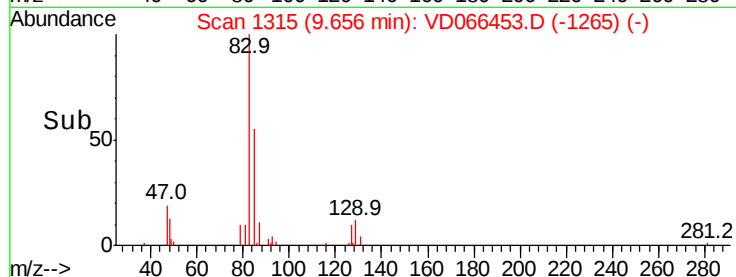
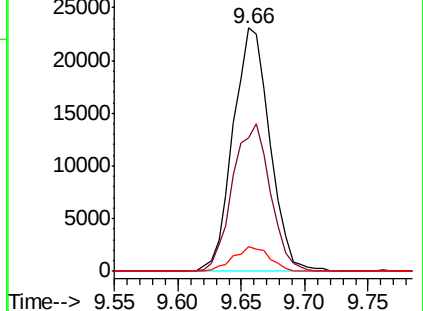
127 10.3 7.4 11.0



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: 18.253 ug/l

RT: 9.45 min Scan# 1280

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

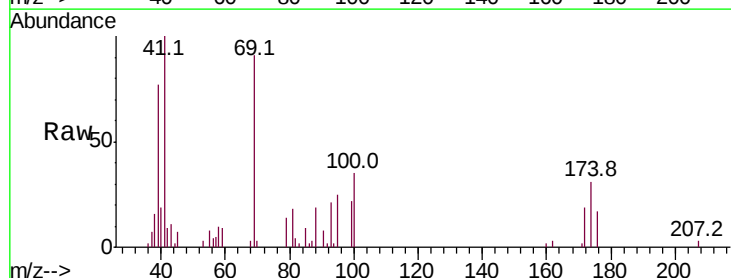
Tgt Ion: 41 Resp: 13363

Ion Ratio Lower Upper

41 100

69 96.7 75.5 113.3

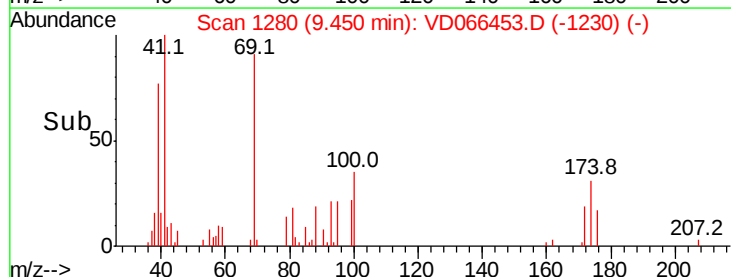
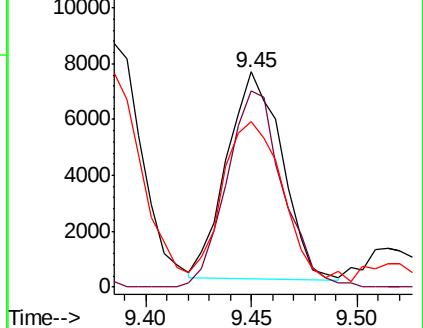
39 84.3 57.0 85.4

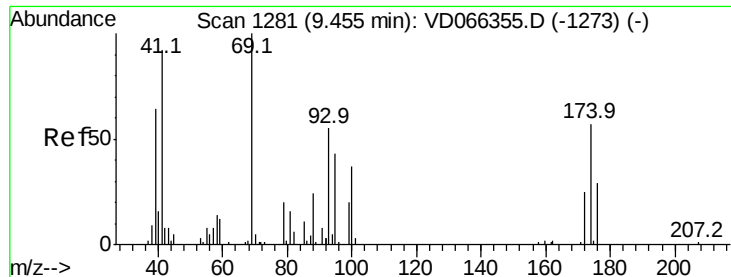


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 382.526 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. 0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

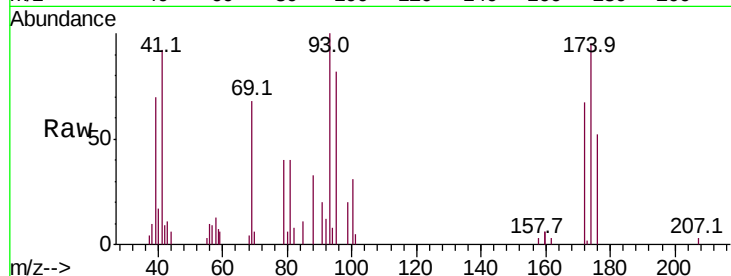
Tot Ion: 88 Resp: 3430

Ion Ratio Lower Upper

88 100

43 41.2 29.4 44.0

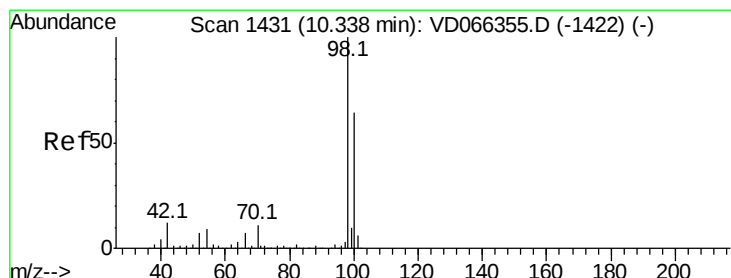
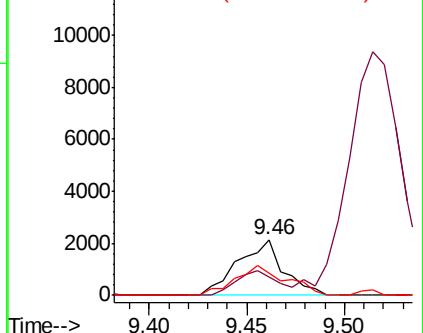
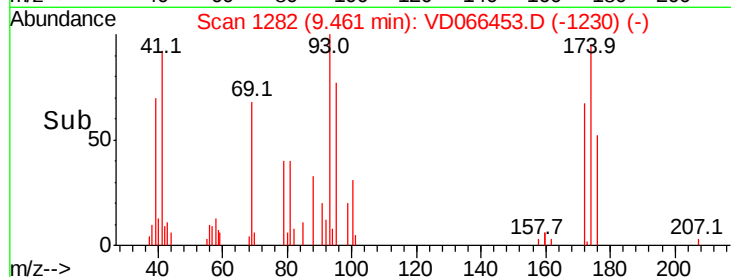
58 59.7 45.4 68.2



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: 52.487 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD066453.D

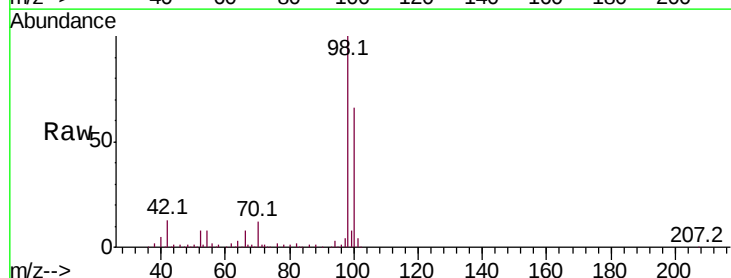
Acq: 28 Aug 2020 12:10

Tgt Ion: 98 Resp: 273699

Ion Ratio Lower Upper

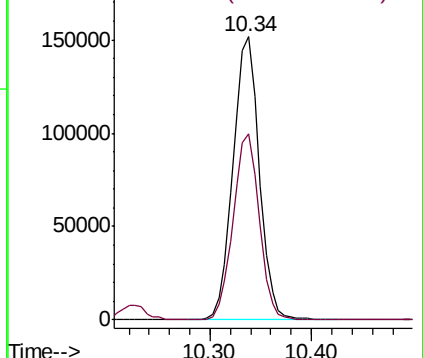
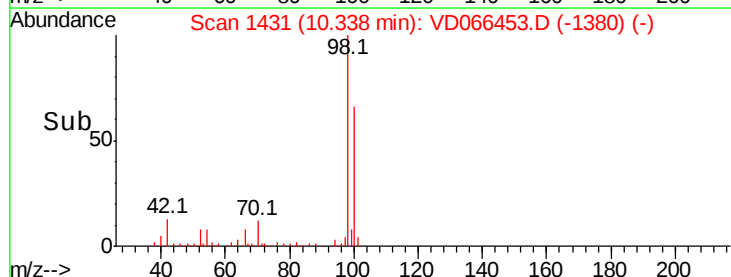
98 100

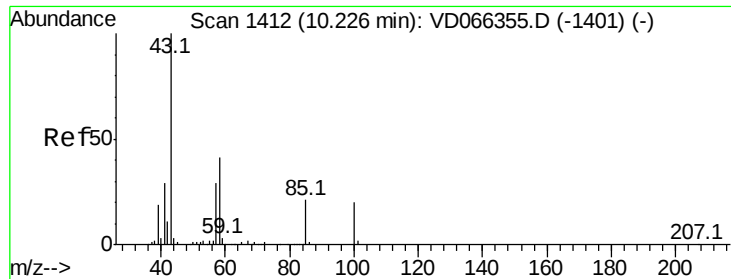
100 65.3 53.0 79.4



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: 90.616 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

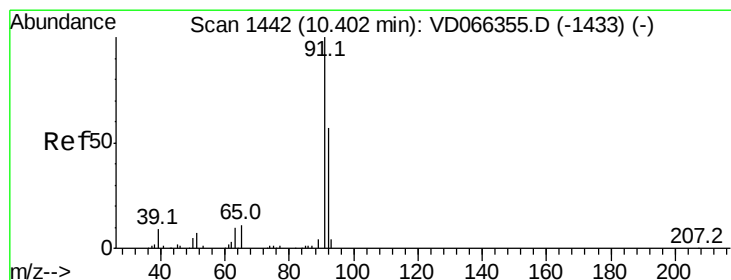
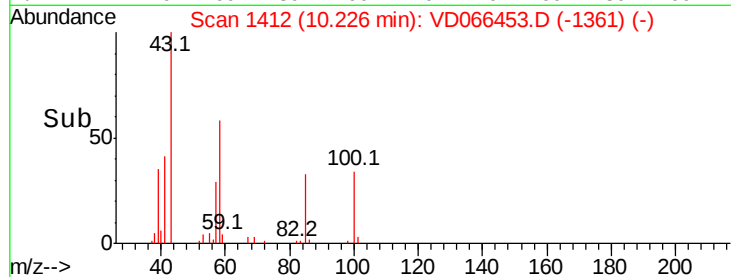
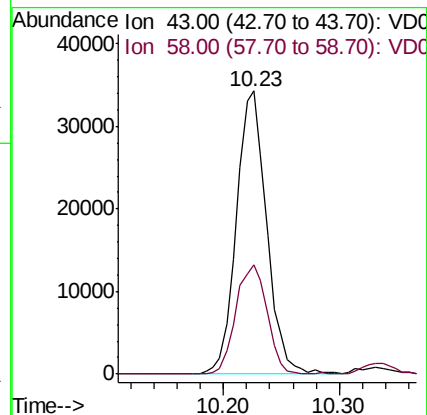
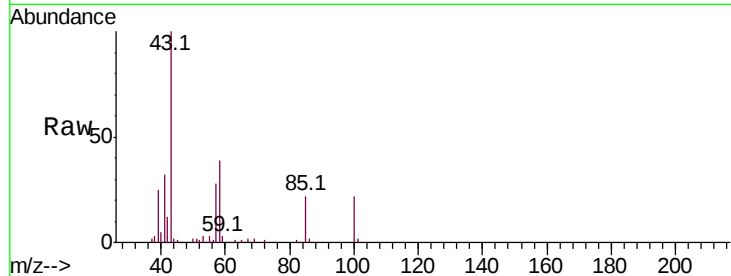
VD0828SBS01

Tot Ion: 43 Resp: 62234

Ion Ratio Lower Upper

43 100

58 39.6 31.4 47.2



#52

Toluene

Concen: 20.635 ug/l

RT: 10.40 min Scan# 1441

Delta R.T. -0.01 min

Lab File: VD066453.D

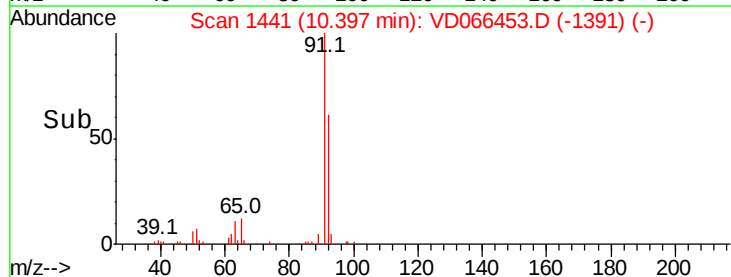
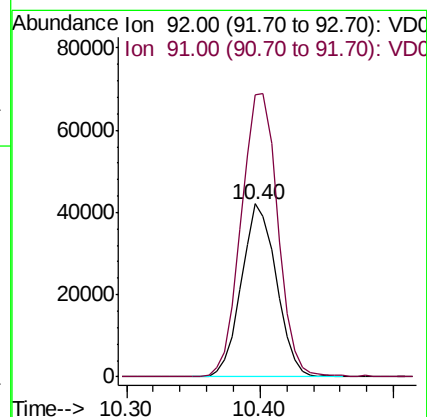
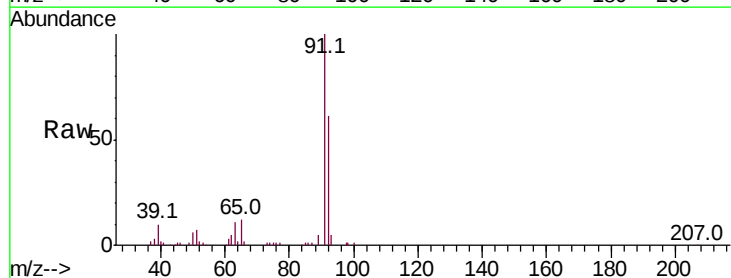
Acq: 28 Aug 2020 12:10

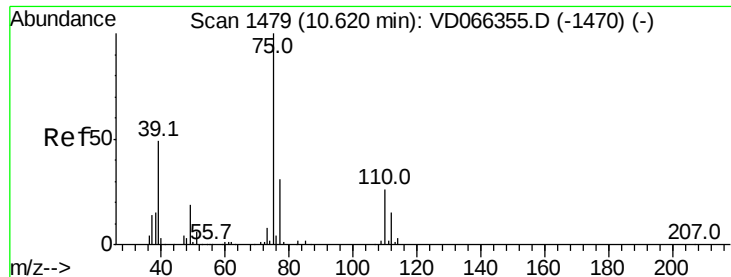
Tgt Ion: 92 Resp: 76484

Ion Ratio Lower Upper

92 100

91 171.0 135.8 203.6





#53

t-1,3-Dichloropropene

Concen: 21.027 ug/l

RT: 10.61 min Scan# 1478

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

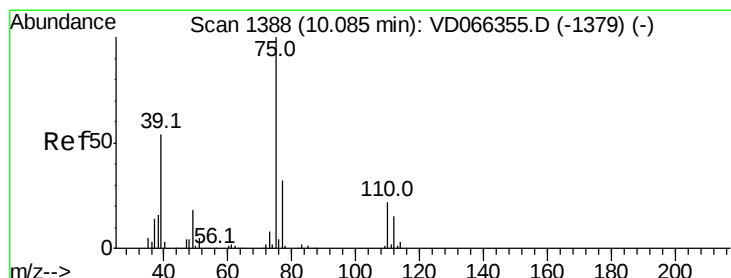
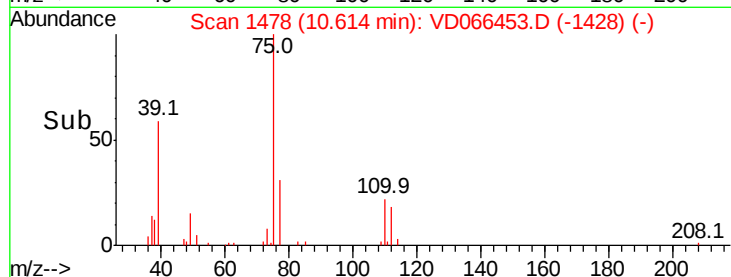
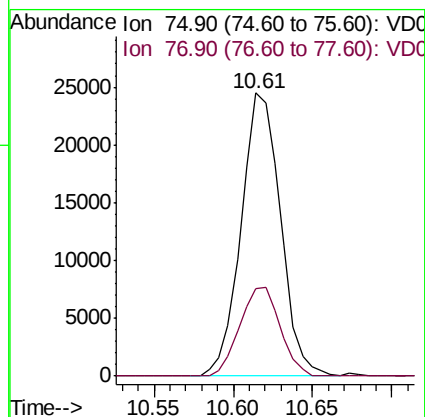
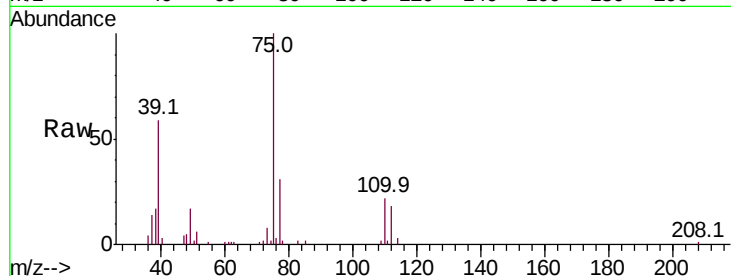
VD0828SBS01

Tot Ion: 75 Resp: 42371

Ion Ratio Lower Upper

75 100

77 30.9 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.264 ug/l

RT: 10.08 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

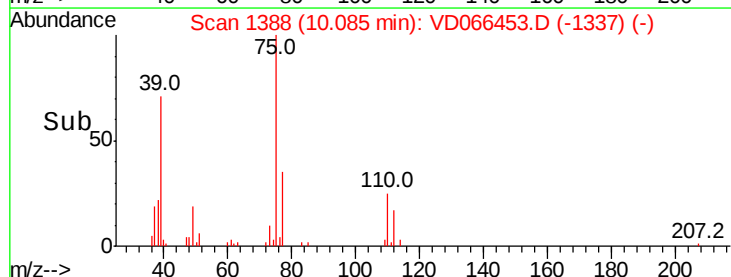
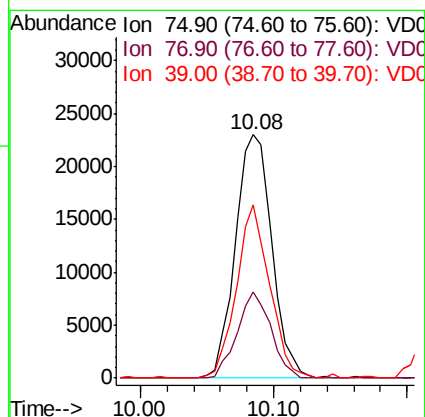
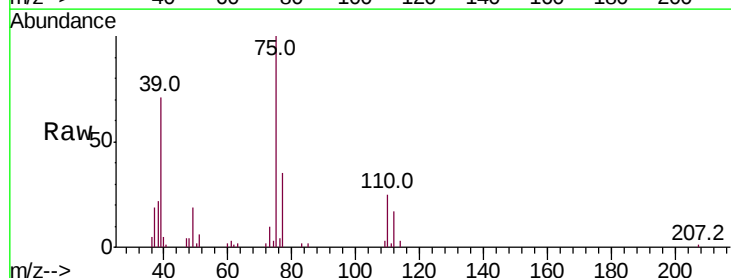
Tgt Ion: 75 Resp: 43572

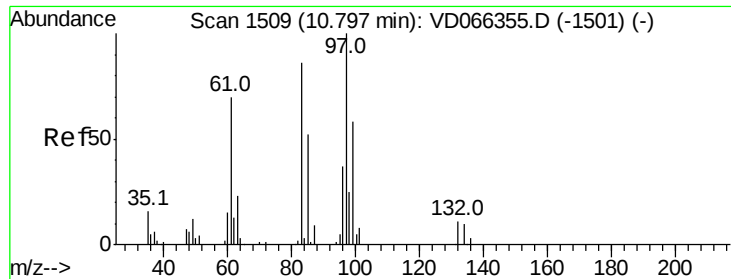
Ion Ratio Lower Upper

75 100

77 35.4 25.6 38.4

39 71.4 43.4 65.0#

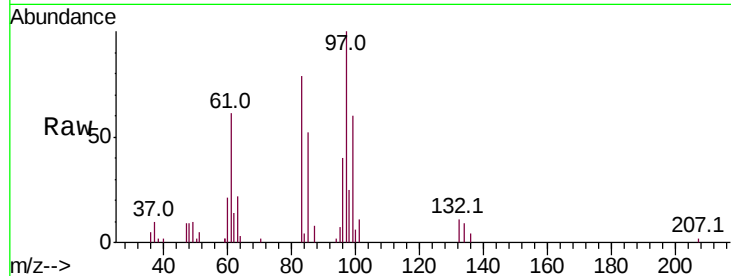




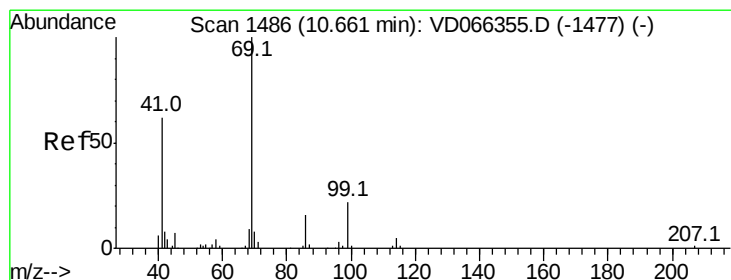
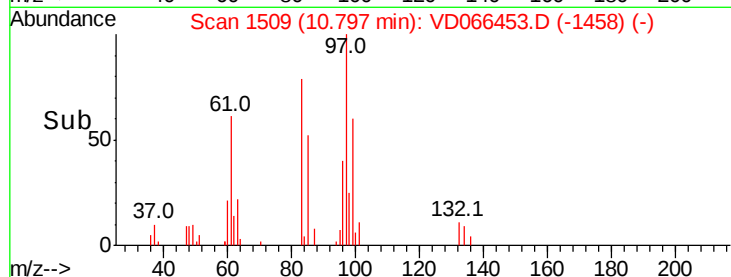
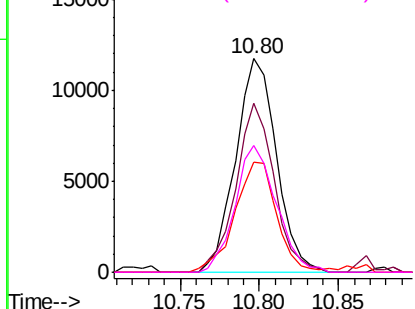
#55
 1,1,2-Trichloroethane
 Concen: 20.059 ug/l
 RT: 10.80 min Scan# 1509
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

Tot Ion:	97	Resp:	20970
Ion	Ratio	Lower	Upper
97	100		
83	79.2	68.4	102.6
85	51.7	41.3	61.9
99	59.5	46.1	69.1

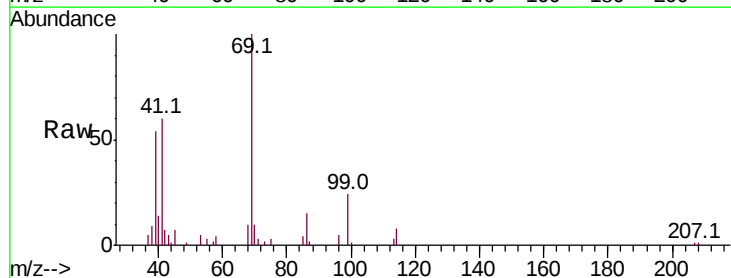


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

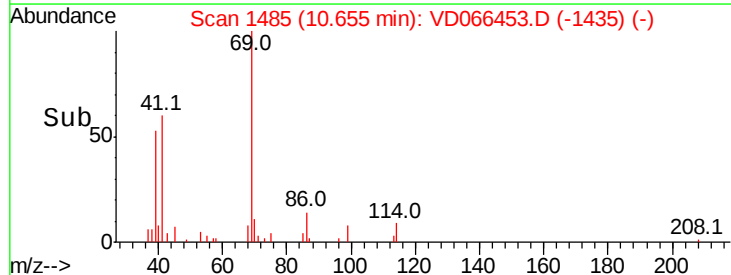
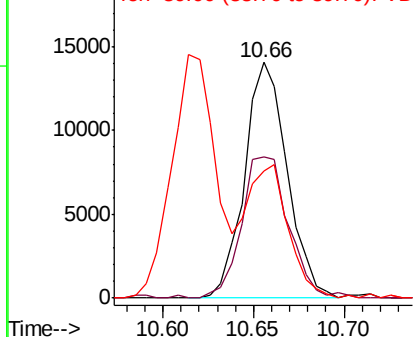


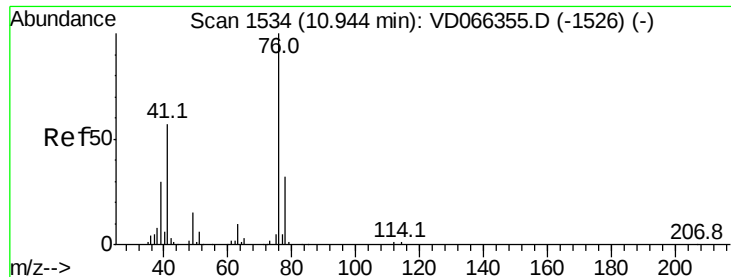
#56
 Ethyl methacrylate
 Concen: 18.926 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion:	69	Resp:	22904
Ion	Ratio	Lower	Upper
69	100		
41	66.6	50.8	76.2
39	56.2	32.9	49.3#



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





#57

1,3-Dichloropropane

Concen: 19.353 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

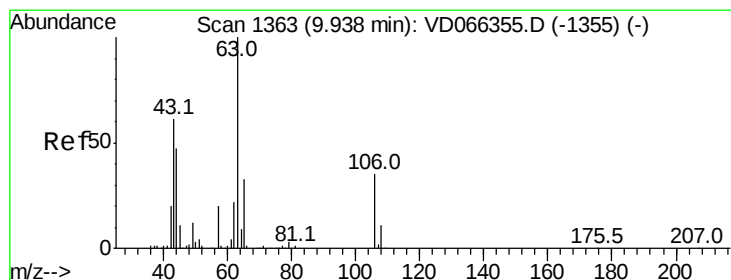
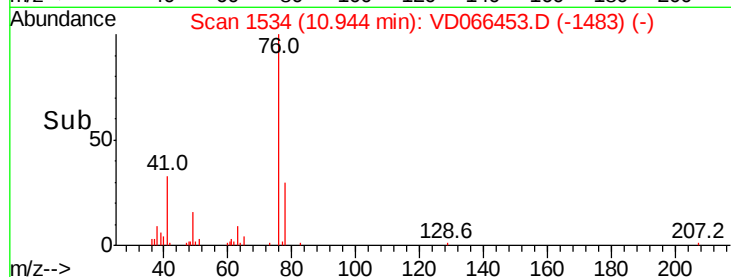
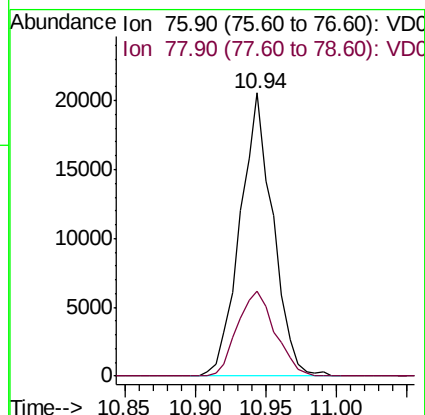
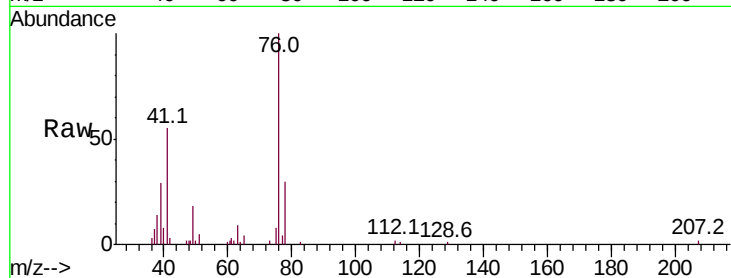
VD0828SBS01

Tot Ion: 76 Resp: 33466

Ion Ratio Lower Upper

76 100

78 34.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.269 ug/l

RT: 9.94 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VD066453.D

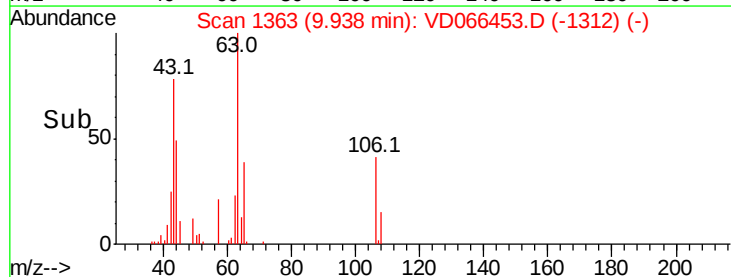
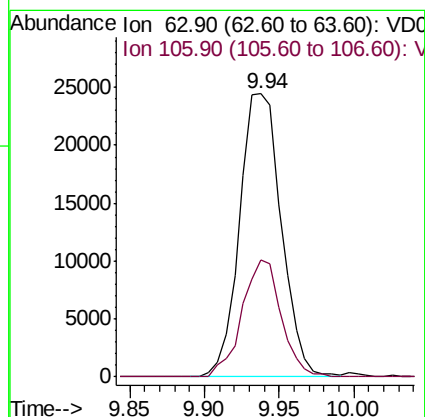
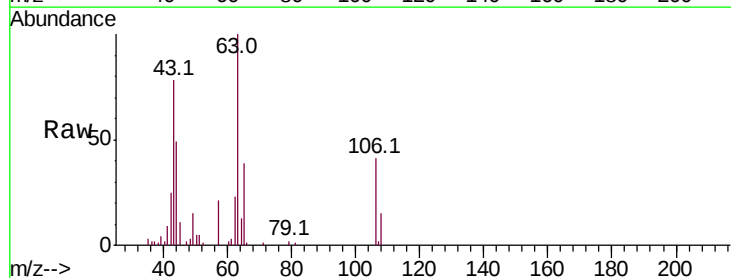
Acq: 28 Aug 2020 12:10

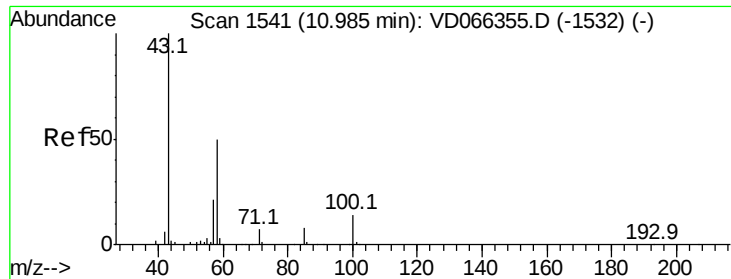
Tgt Ion: 63 Resp: 47382

Ion Ratio Lower Upper

63 100

106 38.8 27.1 40.7

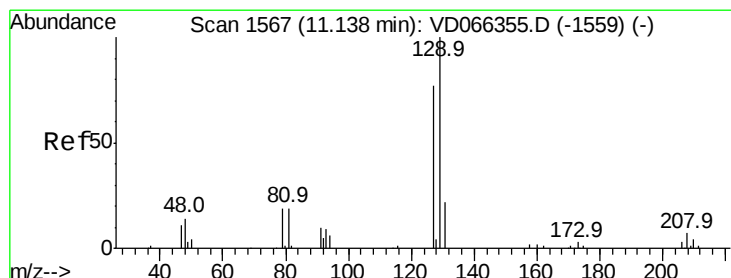
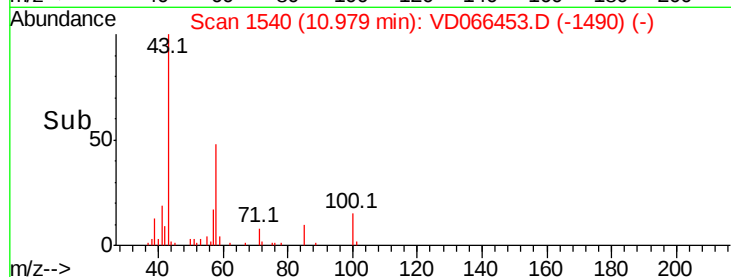
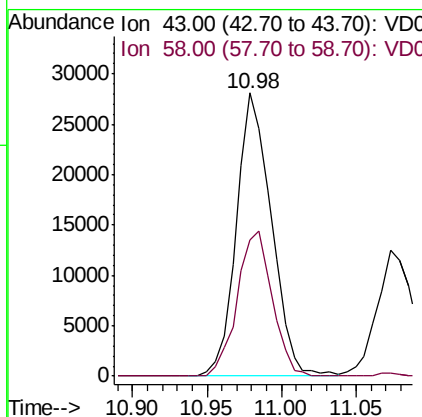
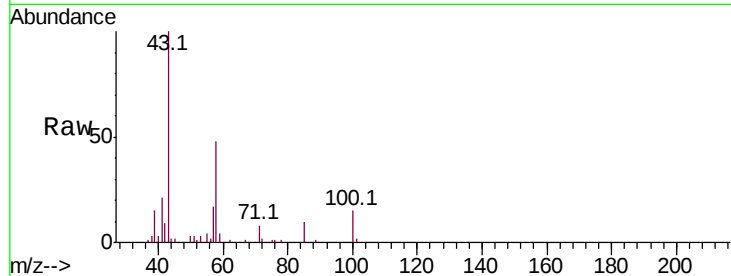




#59
2-Hexanone
Concen: 94.450 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

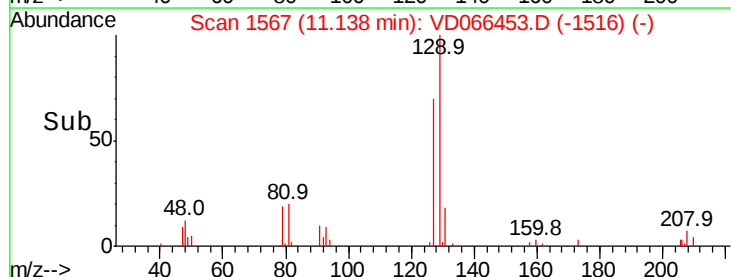
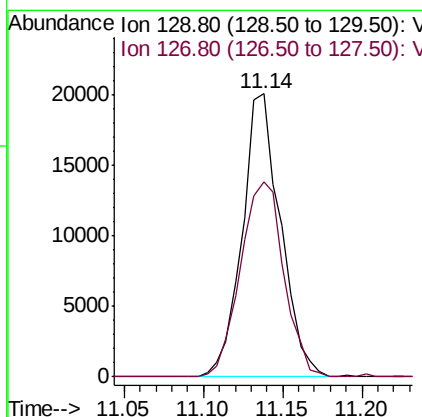
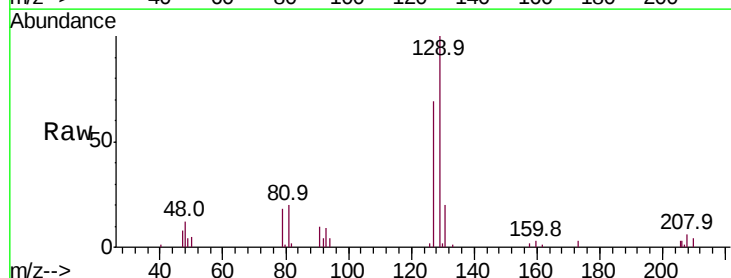
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

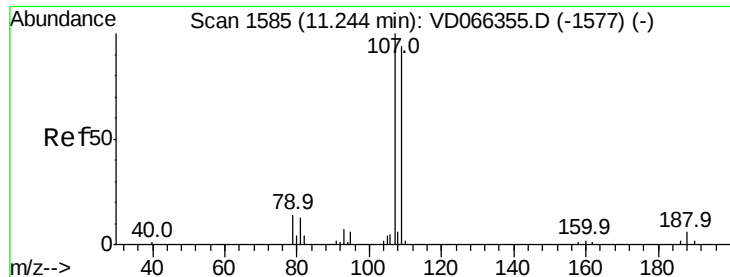
Tot Ion: 43 Resp: 45755
Ion Ratio Lower Upper
43 100
58 51.1 26.3 78.8



#60
Dibromochloromethane
Concen: 21.390 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 129 Resp: 33706
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

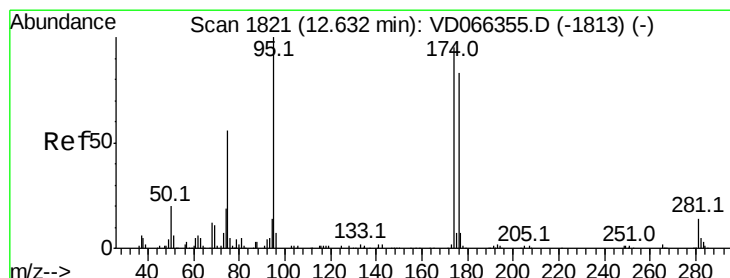
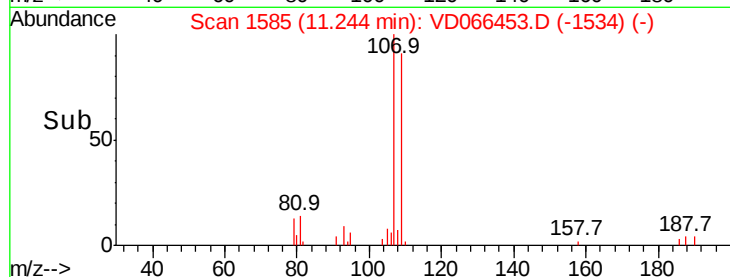
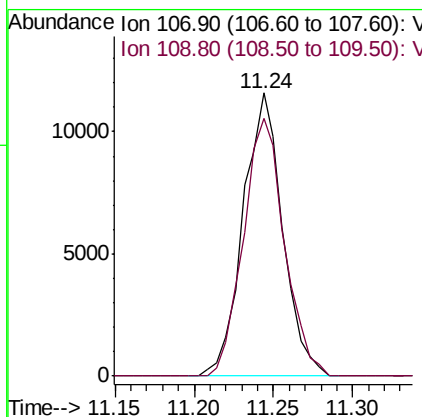
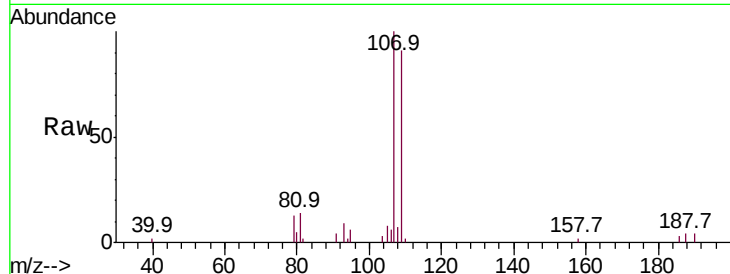




#61
 1,2-Dibromoethane
 Concen: 19.408 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

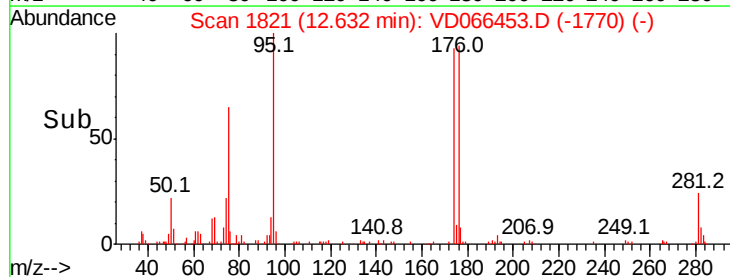
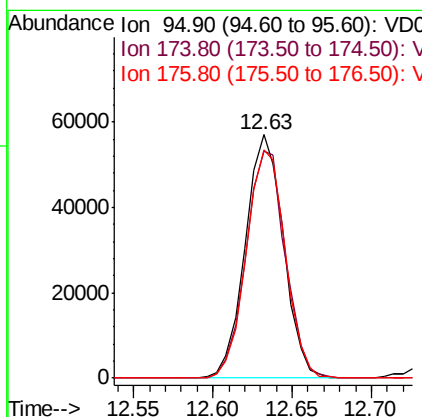
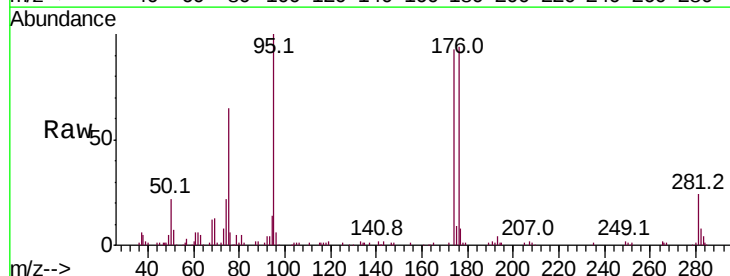
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

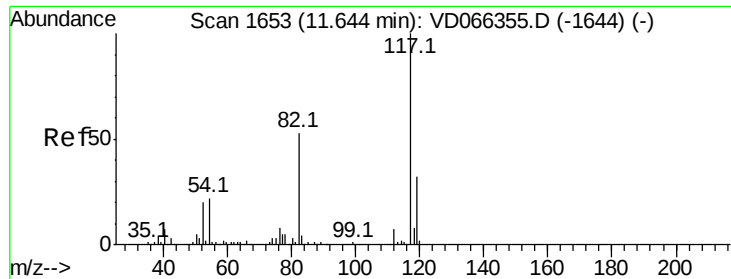
Tot Ion:107 Resp: 19967
 Ion Ratio Lower Upper
 107 100
 109 94.8 77.8 116.8



#62
 4-Bromofluorobenzene
 Concen: 51.787 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion: 95 Resp: 95826
 Ion Ratio Lower Upper
 95 100
 174 95.5 0.0 183.4
 176 95.3 0.0 173.8

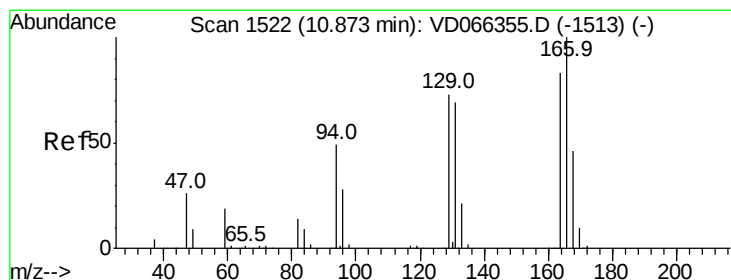
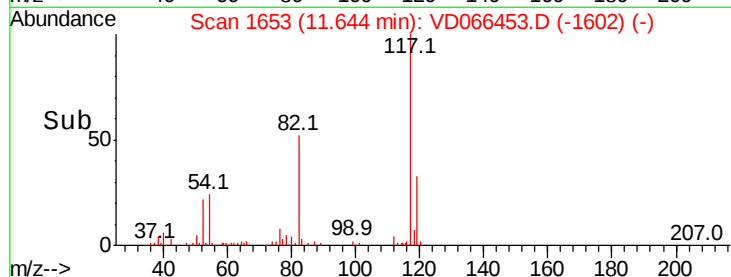
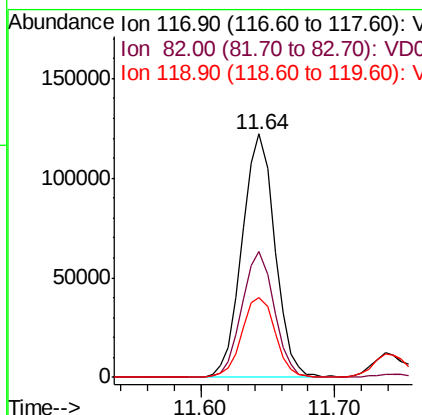
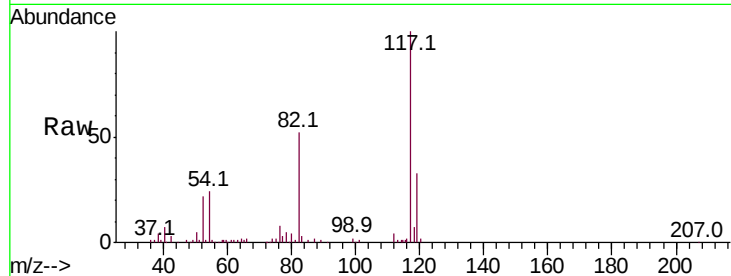




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

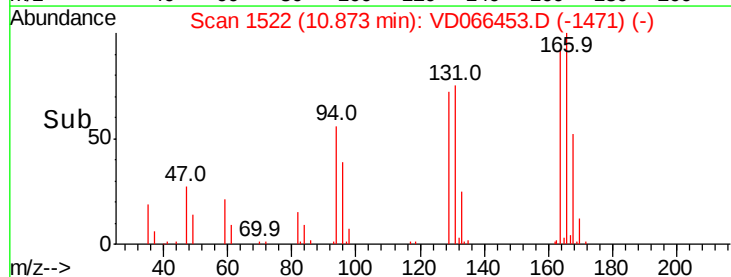
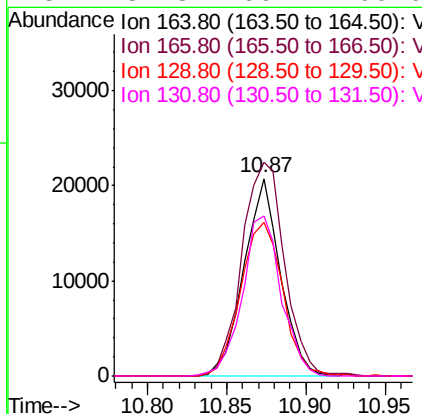
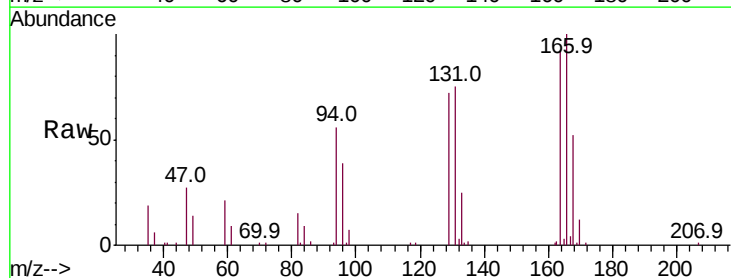
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

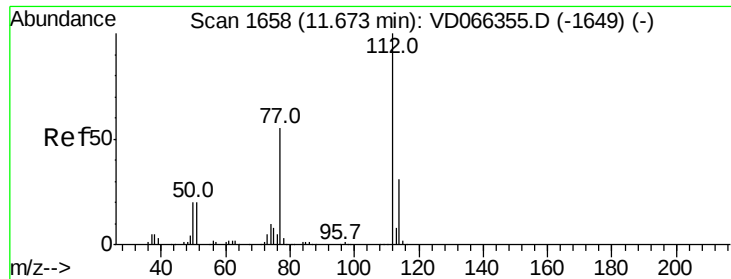
Tot Ion:117 Resp: 208083
Ion Ratio Lower Upper
117 100
82 51.6 42.8 64.2
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 21.030 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion:164 Resp: 33196
Ion Ratio Lower Upper
164 100
166 108.1 96.2 144.4
129 78.0 70.3 105.5
131 81.3 66.4 99.6





#65

Chlorobenzene

Concen: 20.828 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

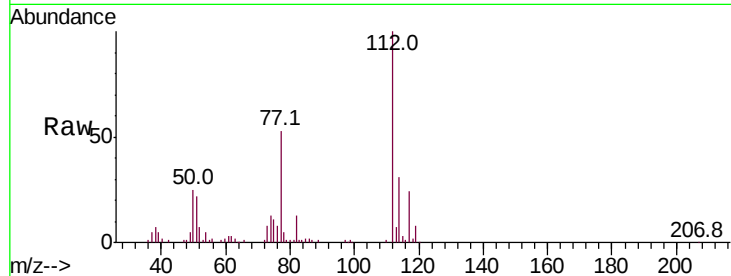
VD0828SBS01

Tot Ion:112 Resp: 86226

Ion Ratio Lower Upper

112 100

114 31.3 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.67

50000

40000

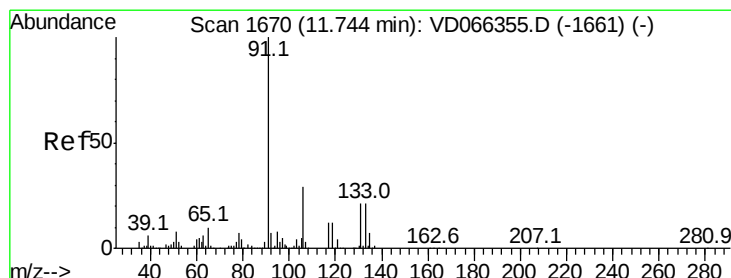
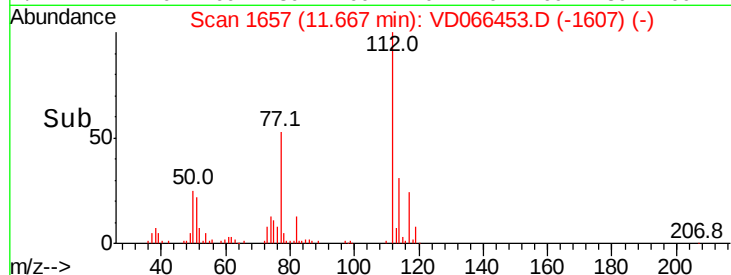
30000

20000

10000

0

Time--> 11.60 11.70



#66

1,1,1,2-Tetrachloroethane

Concen: 21.304 ug/l

RT: 11.74 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

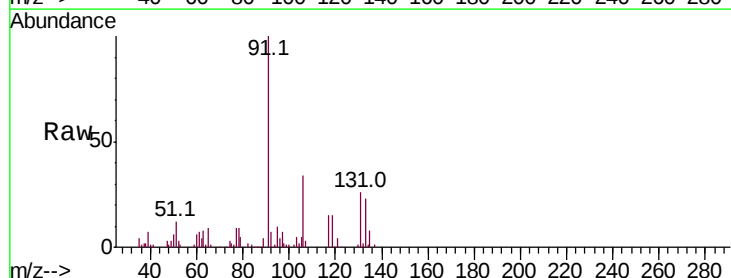
Tgt Ion:131 Resp: 36042

Ion Ratio Lower Upper

131 100

133 96.0 48.6 145.9

119 56.6 29.0 87.1



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

50000

40000

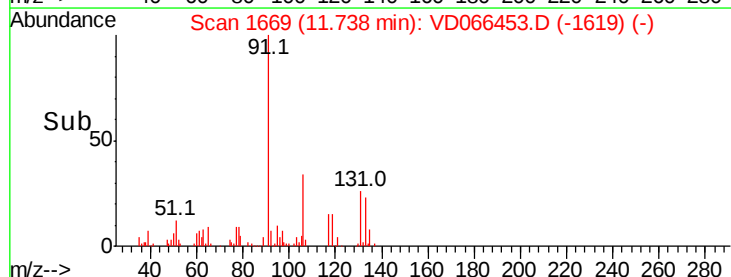
30000

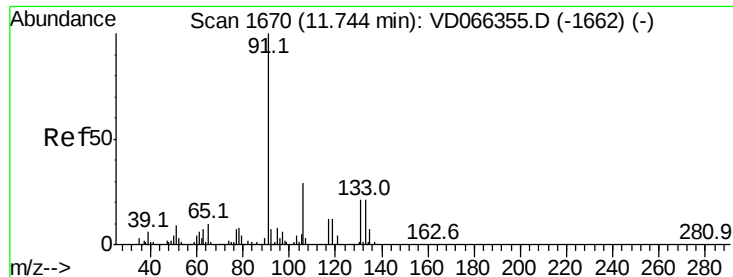
20000

10000

0

Time--> 11.70 11.80





#67

Ethyl Benzene

Concen: 20.907 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

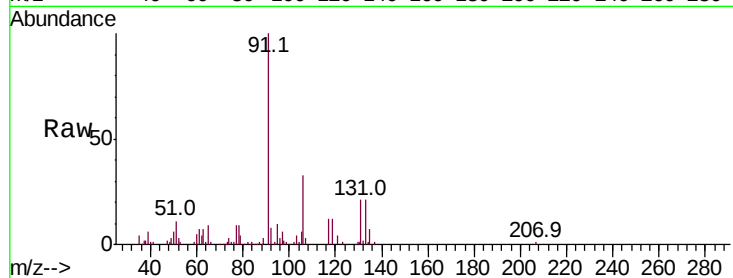
VD0828SBS01

Tot Ion: 91 Resp: 152356

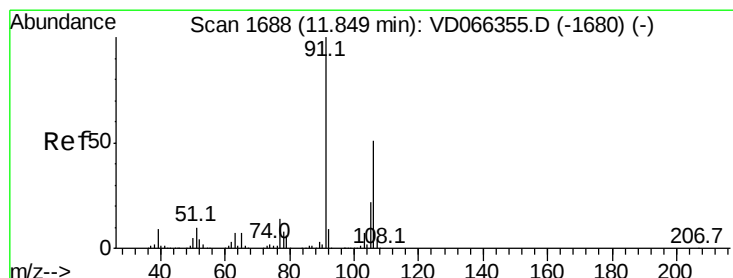
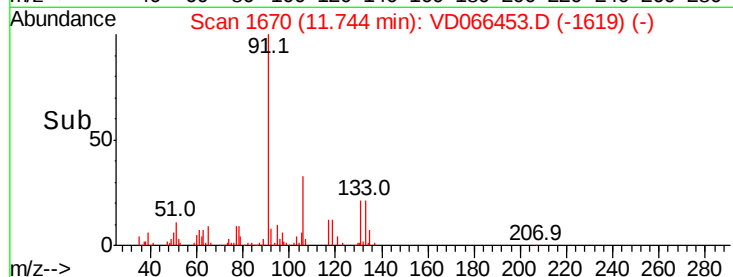
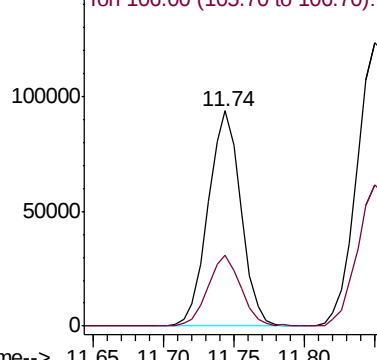
Ion Ratio Lower Upper

91 100

106 32.9 23.4 35.2



Abundance Ion 91.00 (90.70 to 91.70): VD066453.D (-1662) (-)



#68

m/p-Xylenes

Concen: 42.572 ug/l

RT: 11.85 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VD066453.D

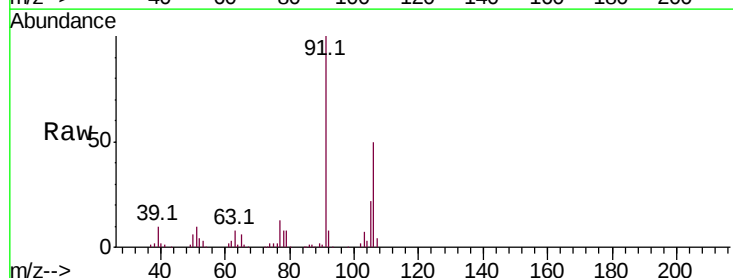
Acq: 28 Aug 2020 12:10

Tgt Ion: 106 Resp: 118246

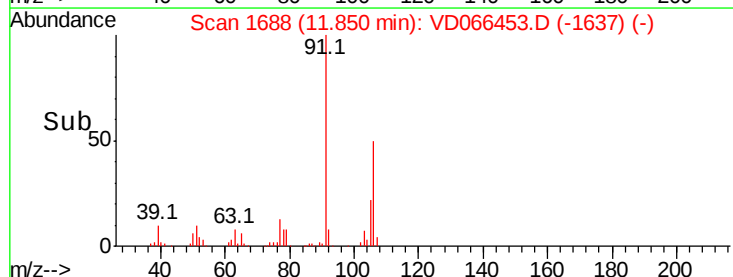
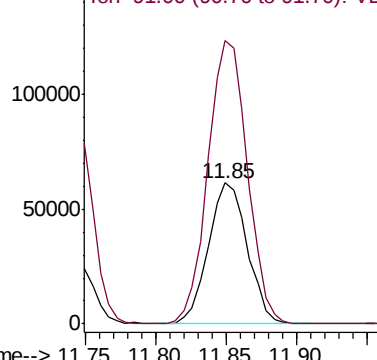
Ion Ratio Lower Upper

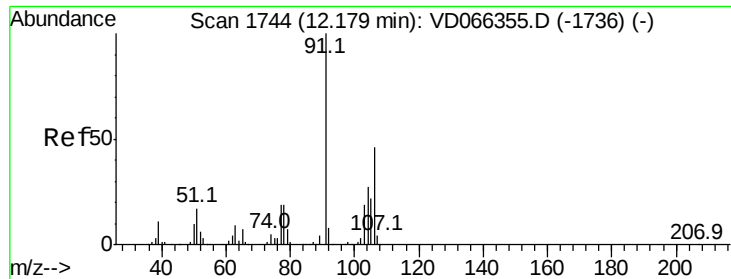
106 100

91 204.1 160.7 241.1



Abundance Ion 106.00 (105.70 to 106.70): VD066453.D (-1680) (-)

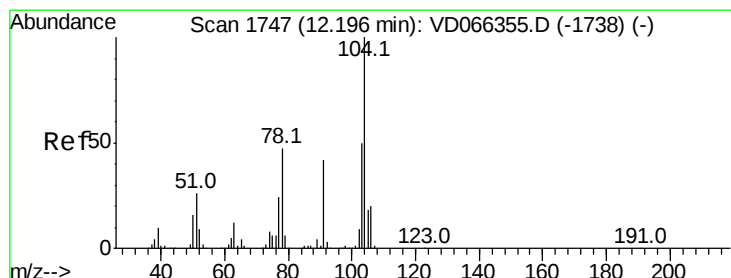
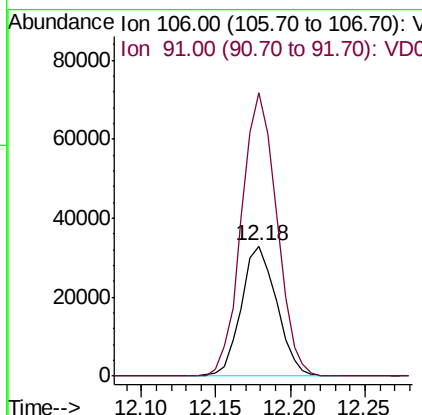
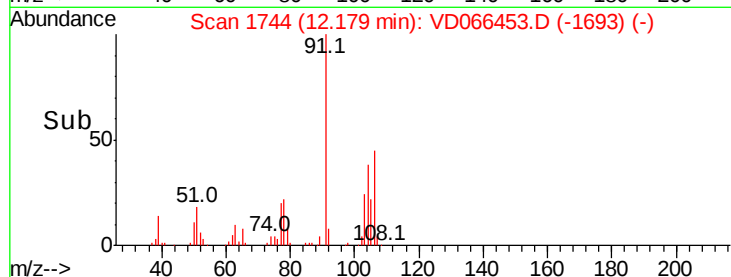
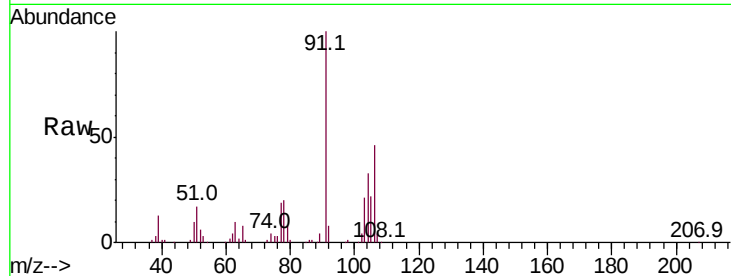




#69
o-Xylene
Concen: 20.916 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

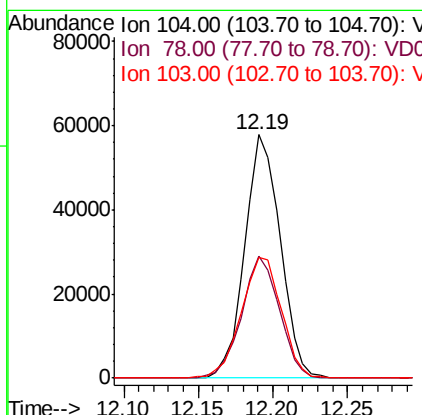
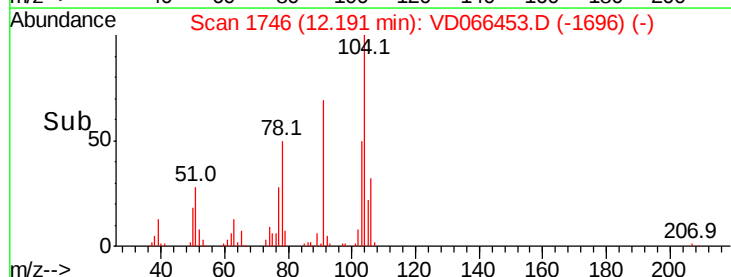
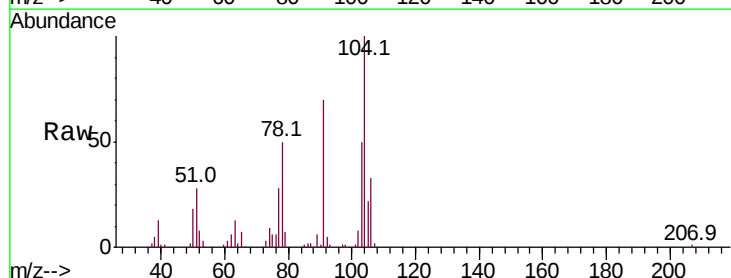
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

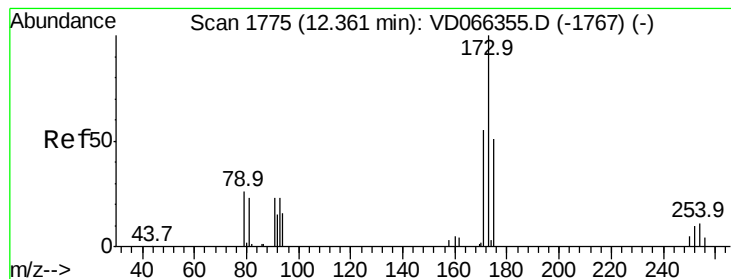
Tot Ion:106 Resp: 54046
Ion Ratio Lower Upper
106 100
91 218.0 109.1 327.3



#70
Styrene
Concen: 21.457 ug/l
RT: 12.19 min Scan# 1746
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion:104 Resp: 95200
Ion Ratio Lower Upper
104 100
78 53.5 41.7 62.5
103 56.0 43.5 65.3





#71

Bromoform

Concen: 21.756 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

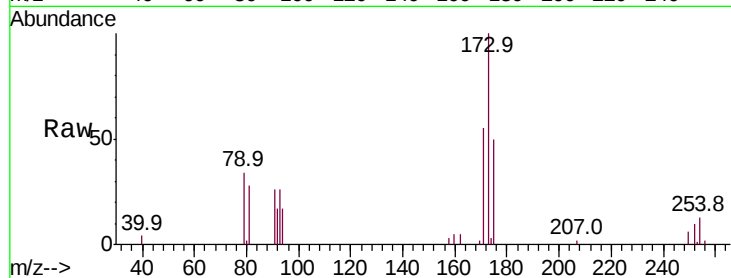
Tot Ion:173 Resp: 20882

Ion Ratio Lower Upper

173 100

175 49.3 24.8 74.3

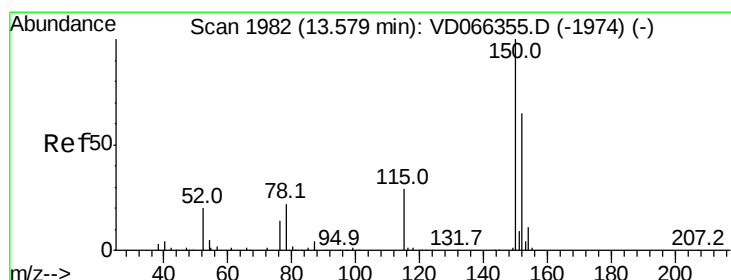
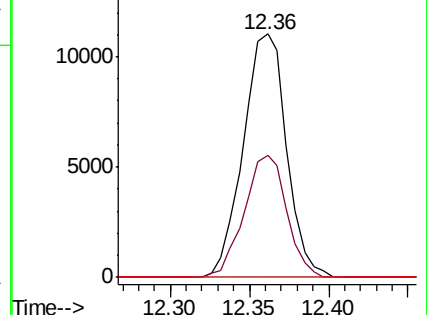
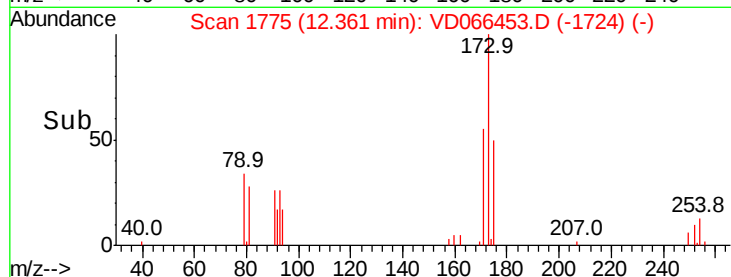
254 0.0 0.0 0.0



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: VD066453.D

Acq: 28 Aug 2020 12:10

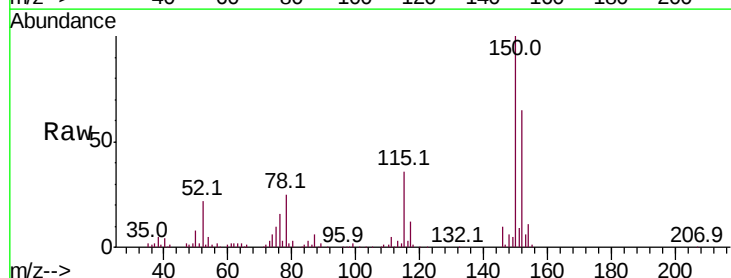
Tgt Ion:152 Resp: 113133

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

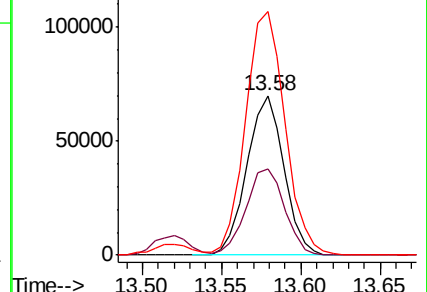
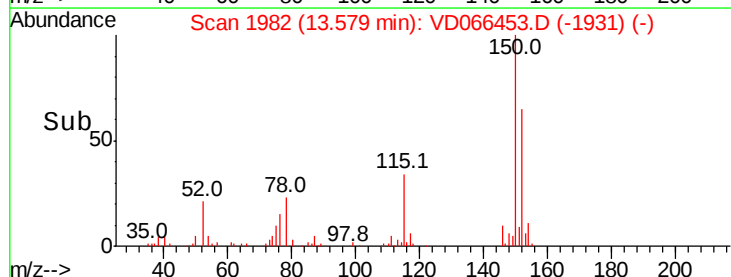
150 163.2 0.0 343.2

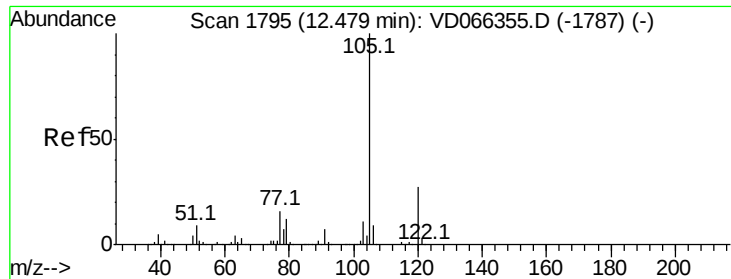


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

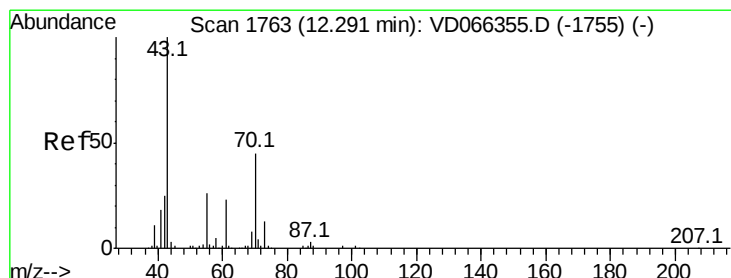
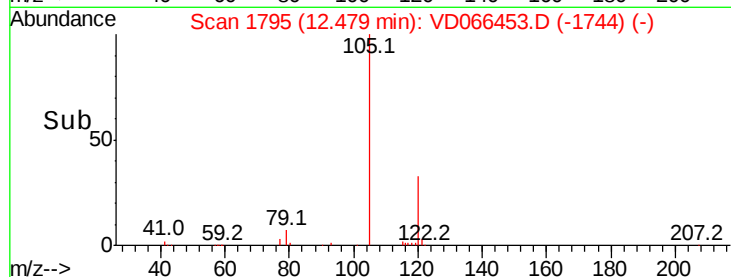
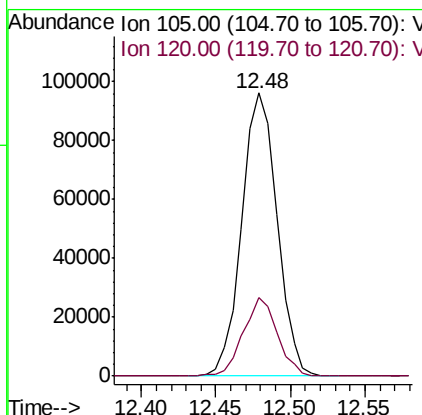
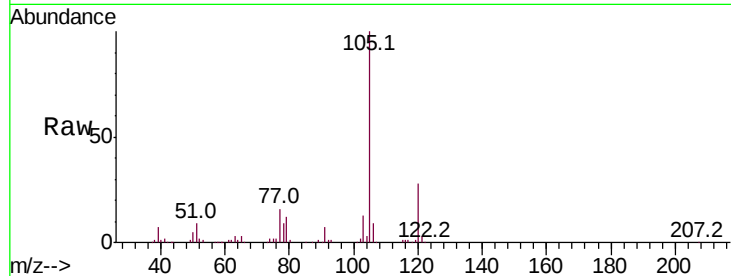




#73
Isopropylbenzene
Concen: 20.827 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

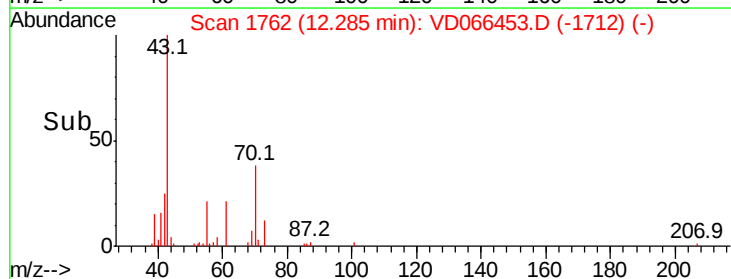
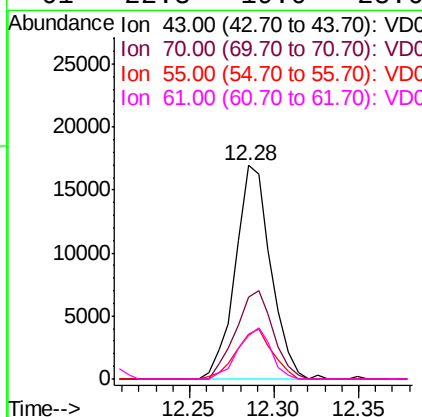
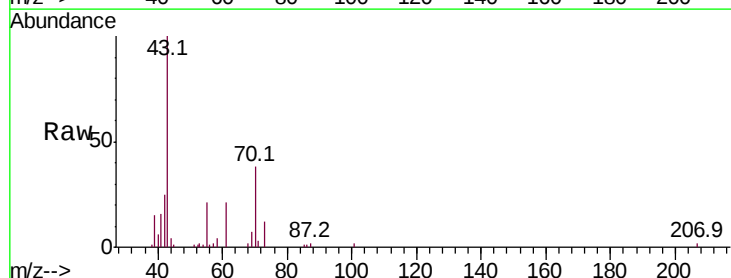
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

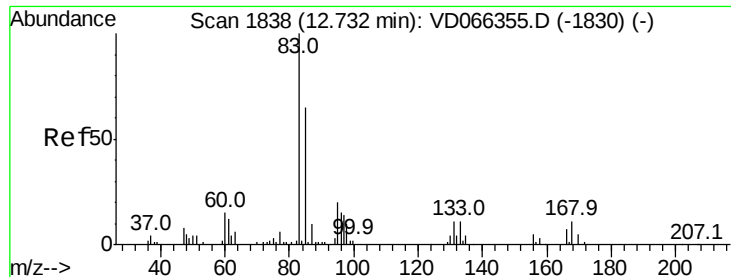
Tot Ion:105 Resp: 157840
Ion Ratio Lower Upper
105 100
120 26.8 13.6 40.8



#74
N-ethyl acetate
Concen: 18.073 ug/l
RT: 12.28 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 43 Resp: 24738
Ion Ratio Lower Upper
43 100
70 43.7 34.8 52.2
55 23.7 20.3 30.5
61 22.3 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.619 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

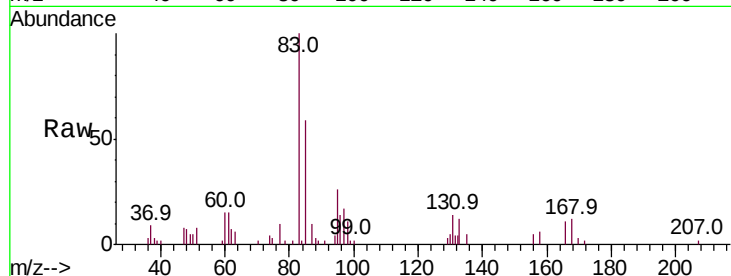
Tot Ion: 83 Resp: 19075

Ion Ratio Lower Upper

83 100

131 14.6 7.0 20.9

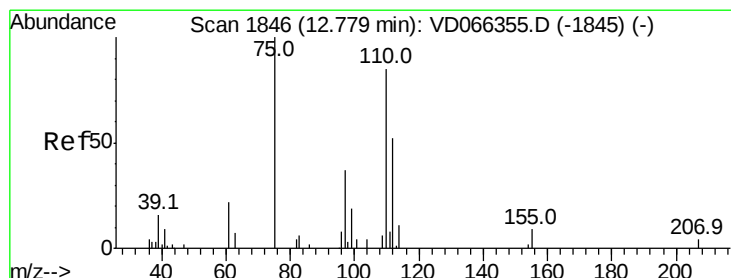
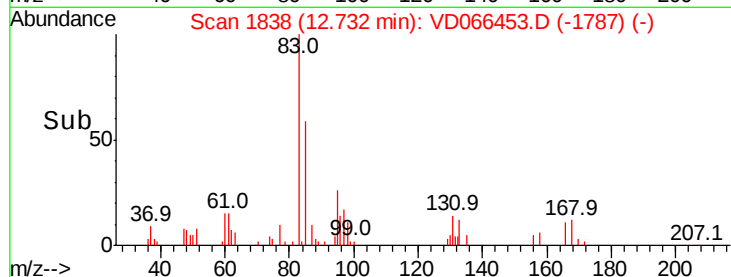
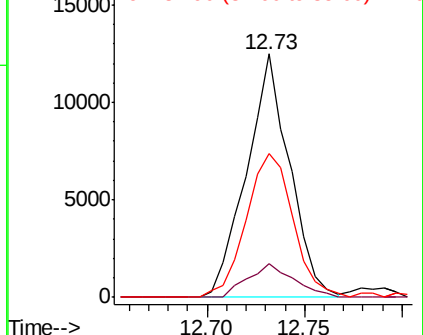
85 64.2 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 38.030 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. 0.01 min

Lab File: VD066453.D

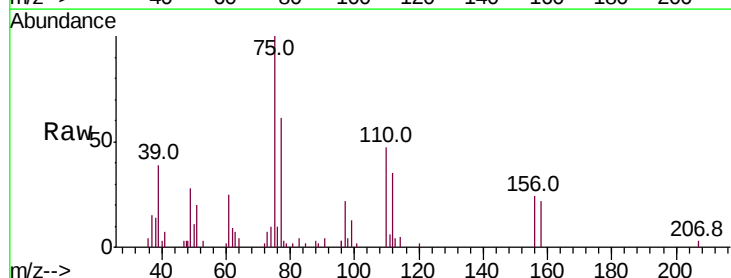
Acq: 28 Aug 2020 12:10

Tgt Ion: 75 Resp: 30268

Ion Ratio Lower Upper

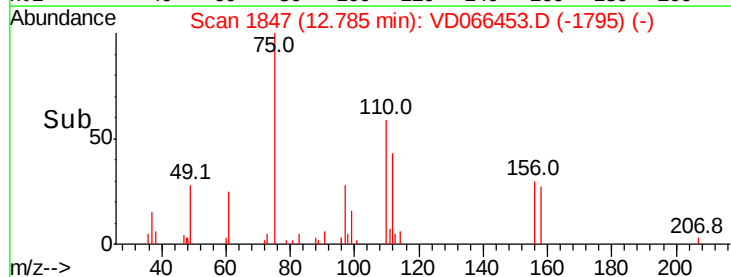
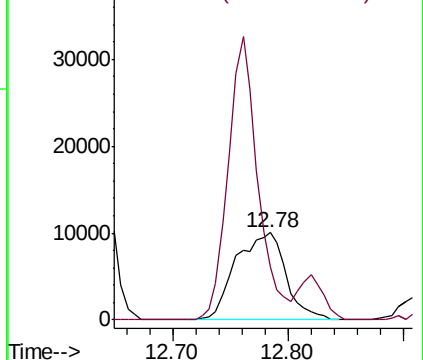
75 100

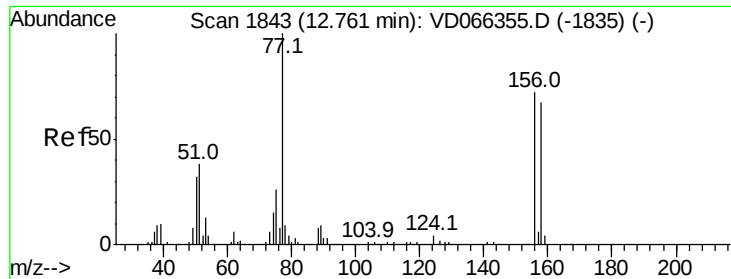
77 0.0 182.9 548.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 20.812 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

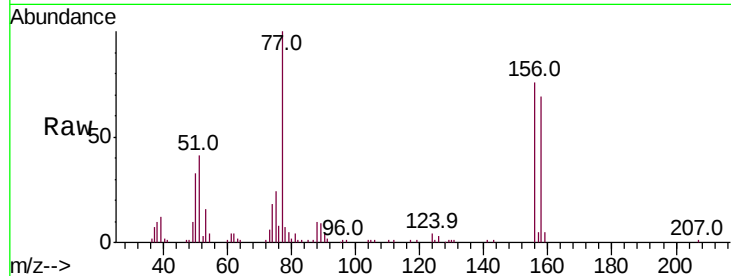
Tot Ion:156 Resp: 40033

Ion Ratio Lower Upper

156 100

77 146.1 76.1 228.3

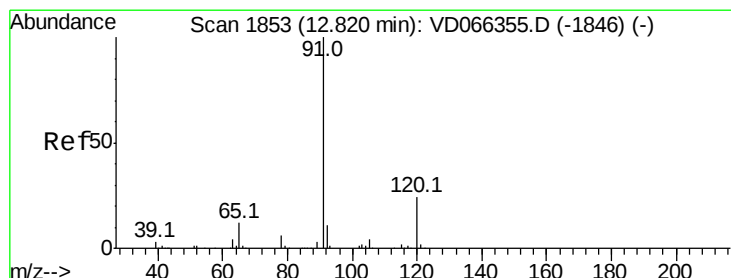
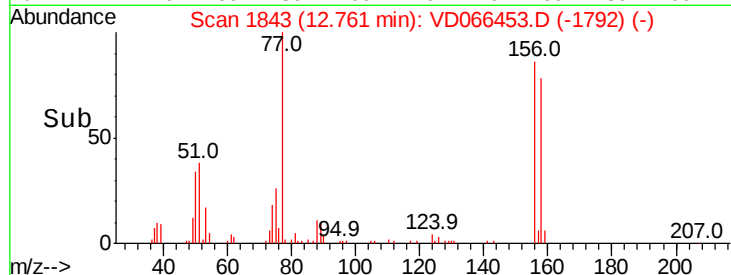
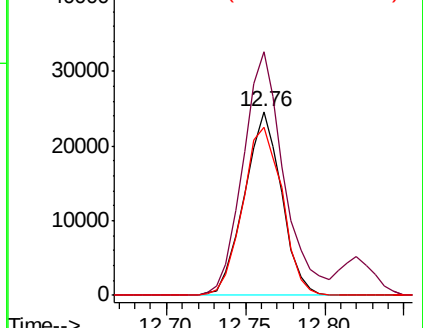
158 97.3 47.6 142.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.166 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VD066453.D

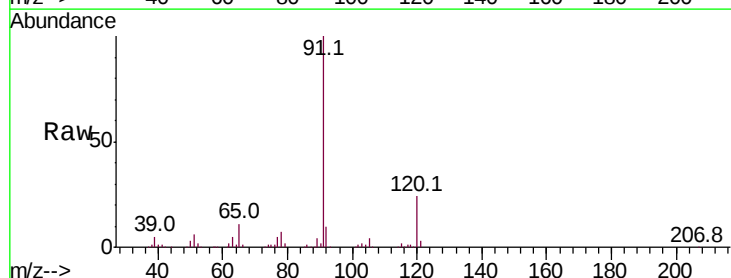
Acq: 28 Aug 2020 12:10

Tgt Ion: 91 Resp: 175236

Ion Ratio Lower Upper

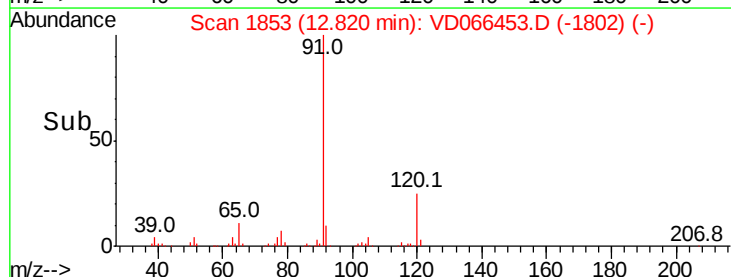
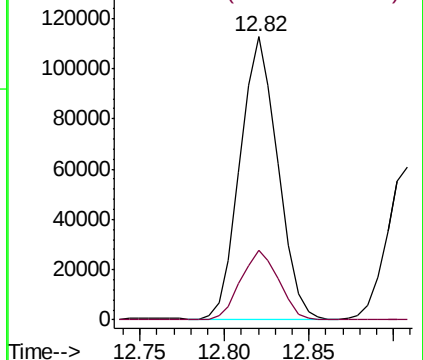
91 100

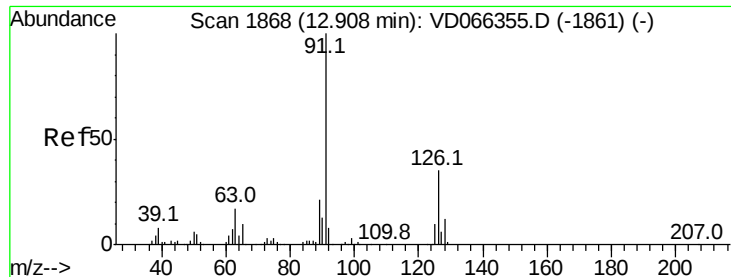
120 24.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.877 ug/l

RT: 12.91 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

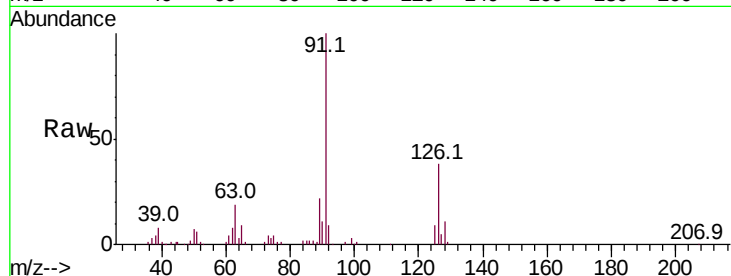
VD0828SBS01

Tot Ion: 91 Resp: 98651

Ion Ratio Lower Upper

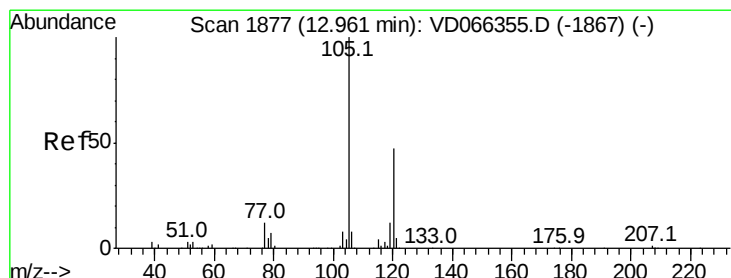
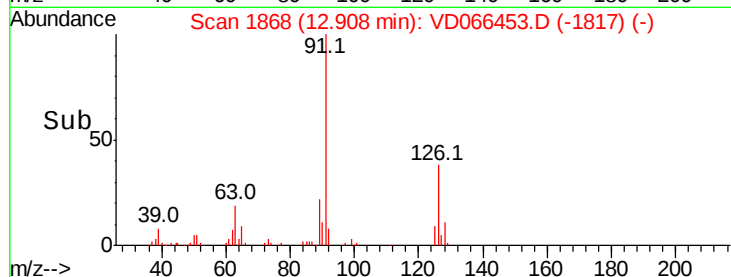
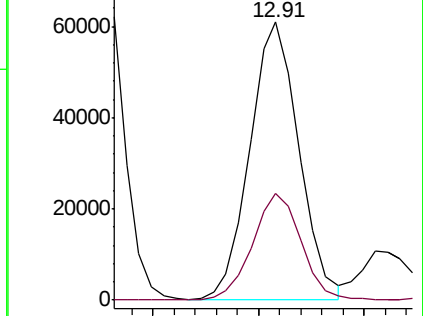
91 100

126 37.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VD066453.D (-1861) (-)

Ion 125.90 (125.60 to 126.60): VD066453.D (-1861) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.501 ug/l

RT: 12.96 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VD066453.D

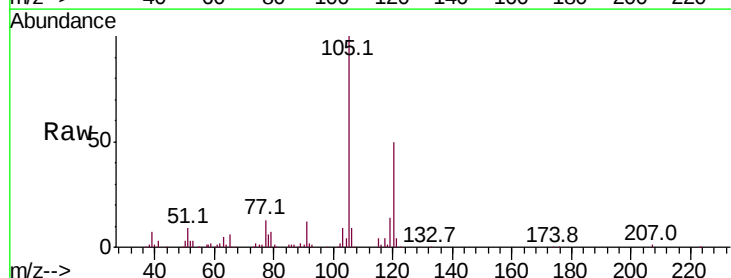
Acq: 28 Aug 2020 12:10

Tgt Ion:105 Resp: 134148

Ion Ratio Lower Upper

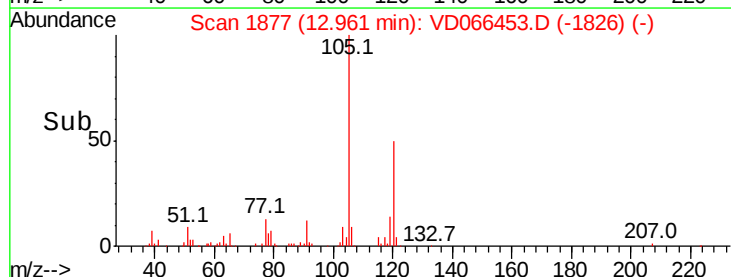
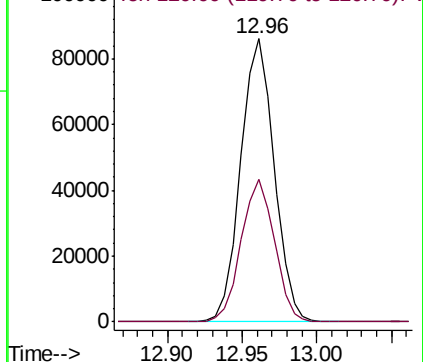
105 100

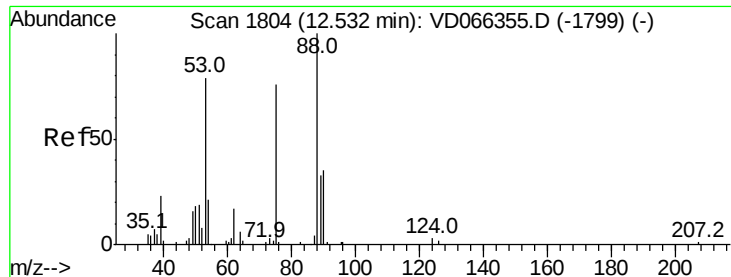
120 49.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VD066453.D (-1826) (-)

Ion 120.00 (119.70 to 120.70): VD066453.D (-1826) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.381 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

VD0828SBS01

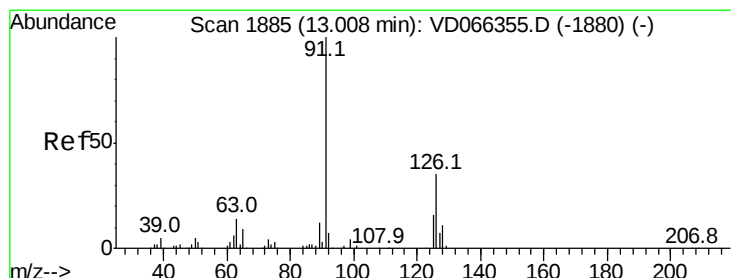
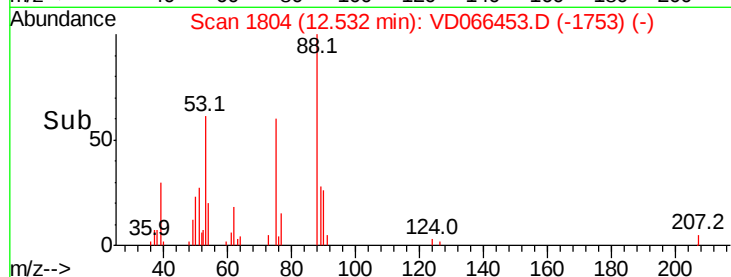
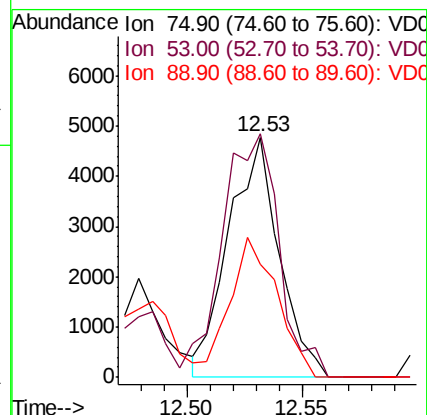
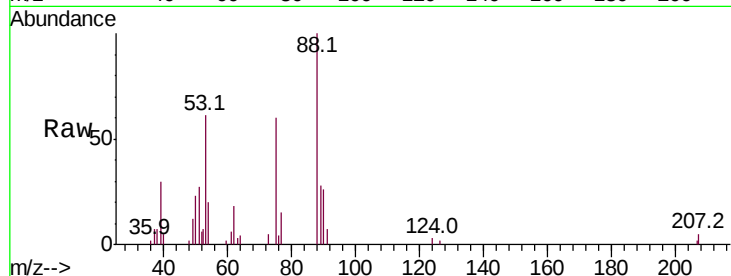
Tot Ion: 75 Resp: 7267

Ion Ratio Lower Upper

75 100

53 113.9 87.4 131.2

89 55.3 39.4 59.0



#82

4-Chlorotoluene

Concen: 19.978 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VD066453.D

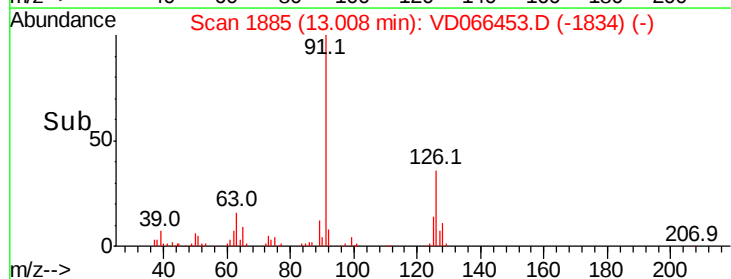
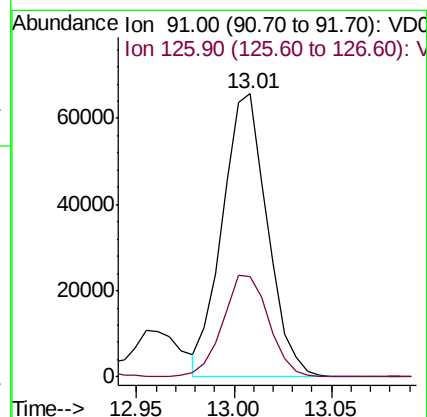
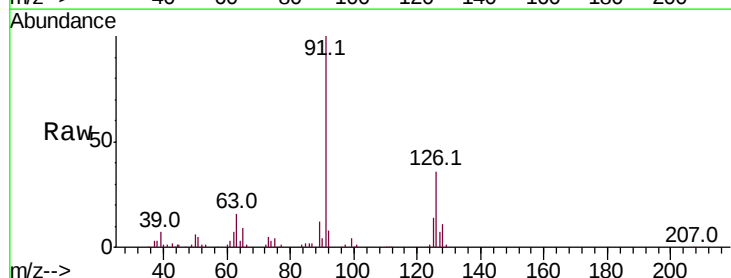
Acq: 28 Aug 2020 12:10

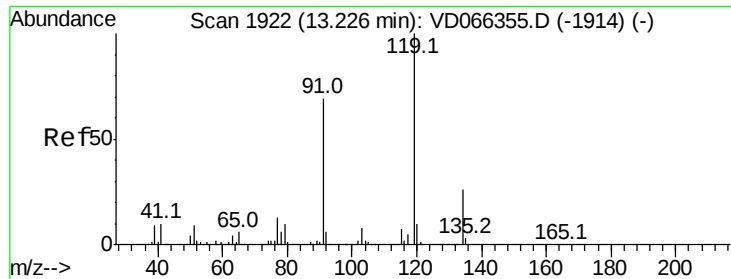
Tgt Ion: 91 Resp: 105051

Ion Ratio Lower Upper

91 100

126 36.7 17.4 52.2

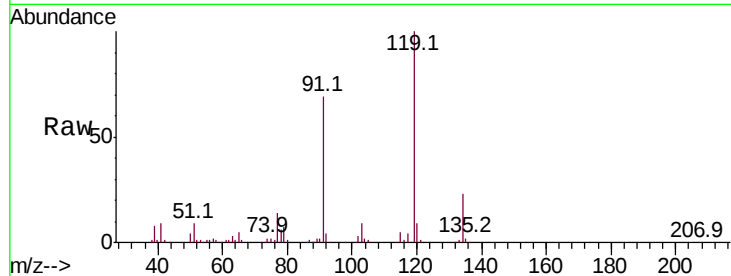




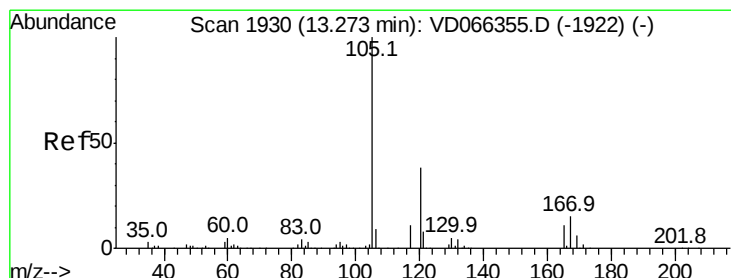
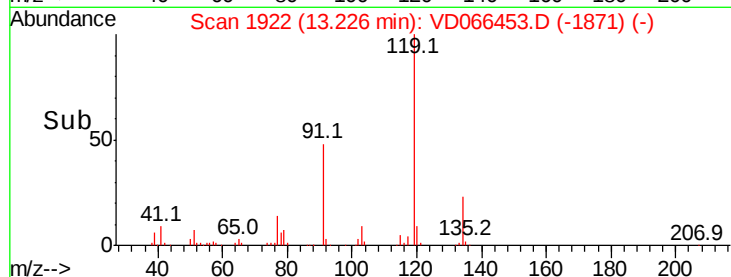
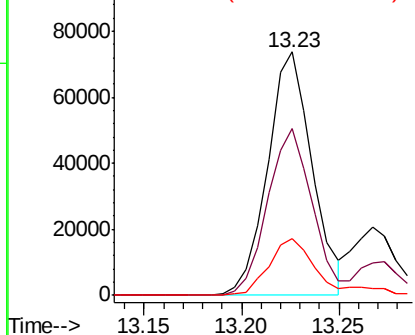
#83
tert-Butylbenzene
Concen: 20.540 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion:119 Resp: 116744
Ion Ratio Lower Upper
119 100
91 69.5 33.5 100.5
134 25.9 13.5 40.4

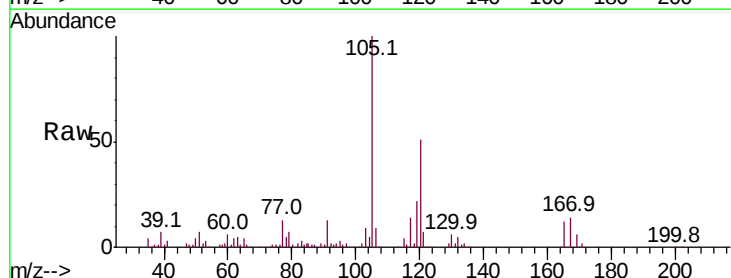


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

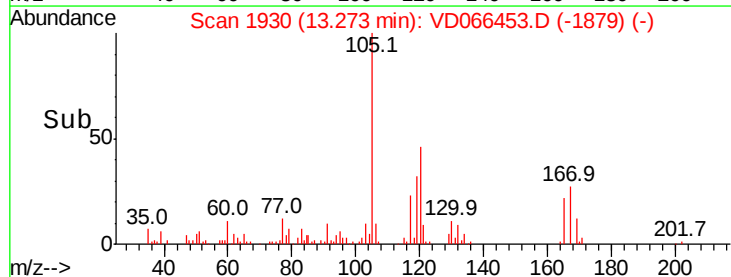
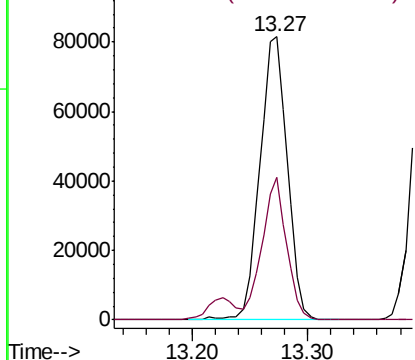


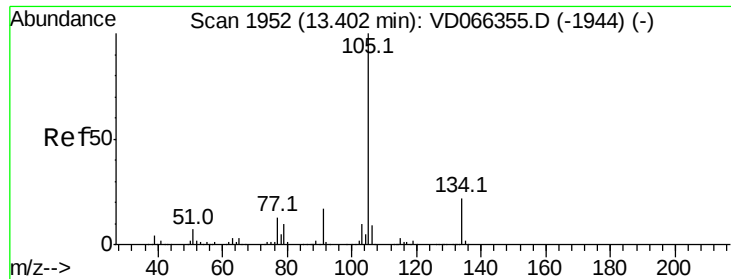
#84
1,2,4-Trimethylbenzene
Concen: 21.072 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion:105 Resp: 135431
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.510 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :

MSVOA_D

ClientSampleId :

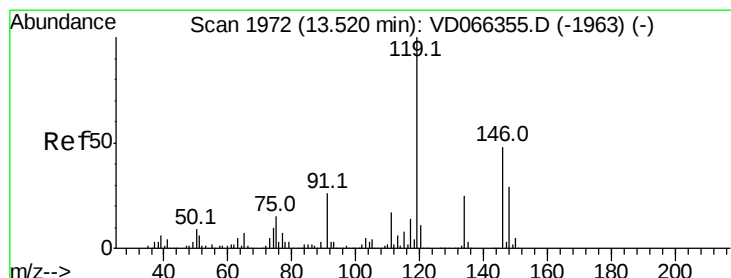
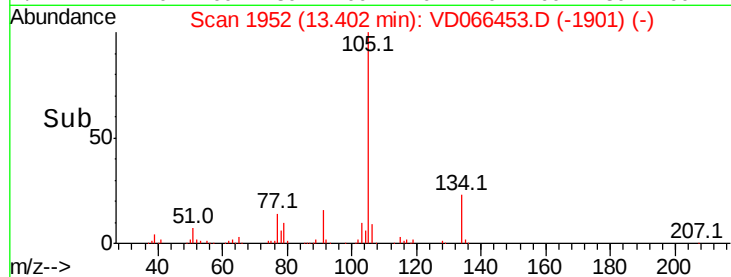
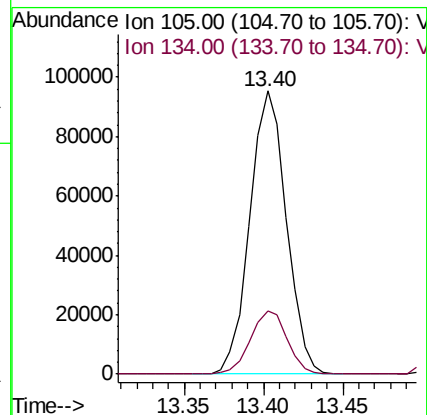
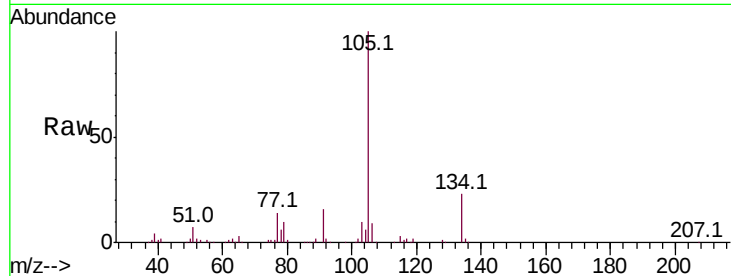
VD0828SBS01

Tot Ion:105 Resp: 152729

Ion Ratio Lower Upper

105 100

134 22.5 10.8 32.4



#86

p-Isopropyltoluene

Concen: 20.706 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

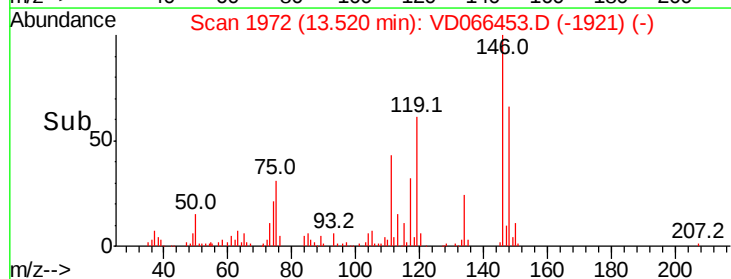
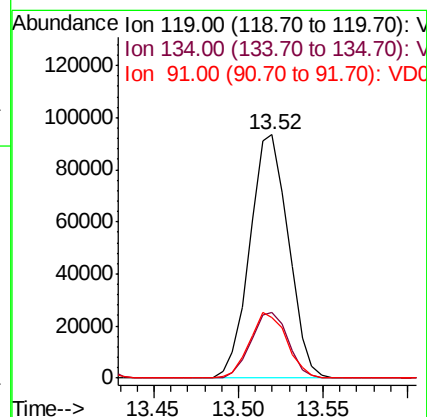
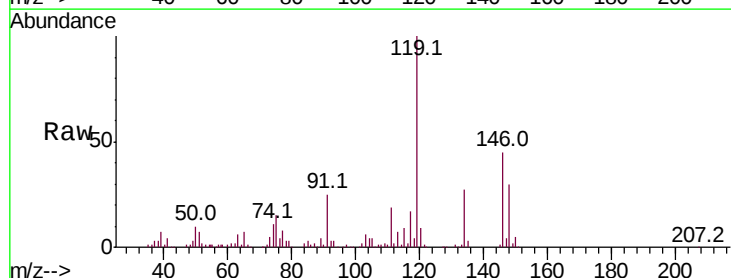
Tgt Ion:119 Resp: 148675

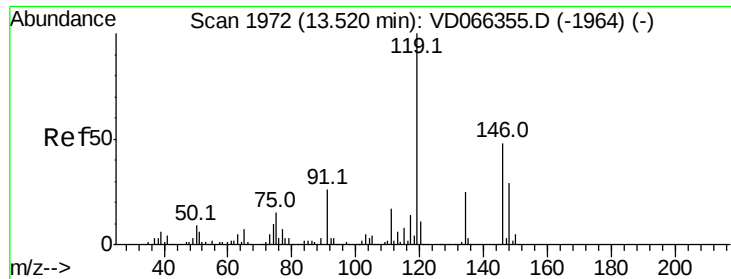
Ion Ratio Lower Upper

119 100

134 26.4 12.8 38.3

91 26.1 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 20.405 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.01 min

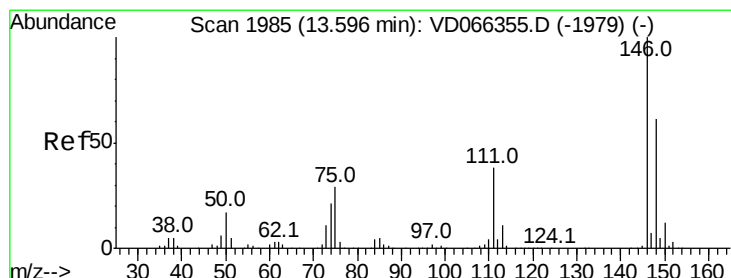
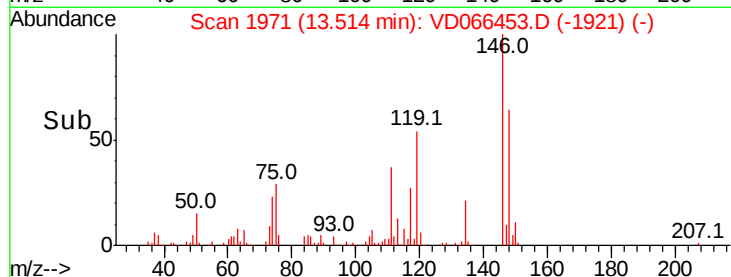
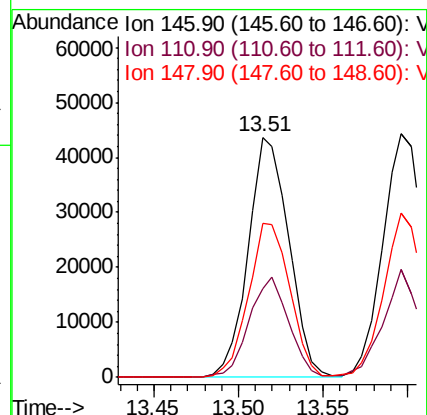
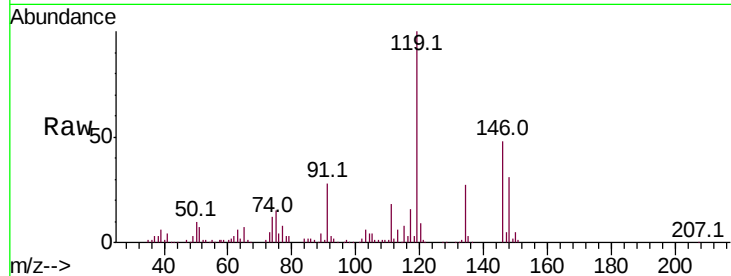
Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion:146 Resp: 73269

Ion	Ratio	Lower	Upper
146	100		
111	40.9	18.9	56.9
148	65.6	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 20.523 ug/l

RT: 13.60 min Scan# 1985

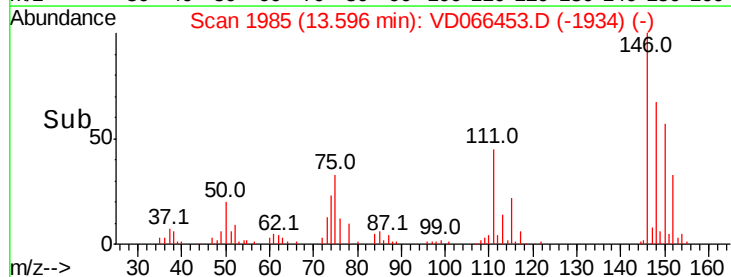
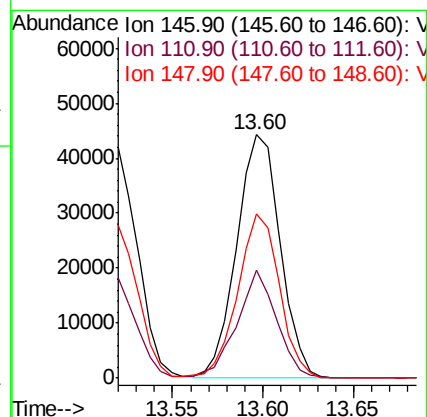
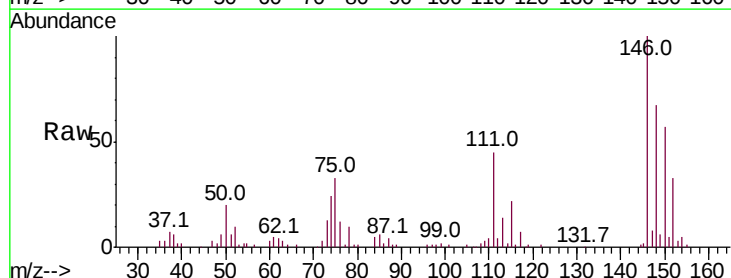
Delta R.T. 0.00 min

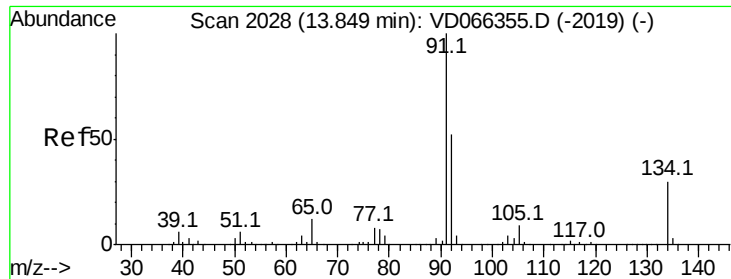
Lab File: VD066453.D

Acq: 28 Aug 2020 12:10

Tgt Ion:146 Resp: 73991

Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.1	57.5
148	64.7	32.1	96.3

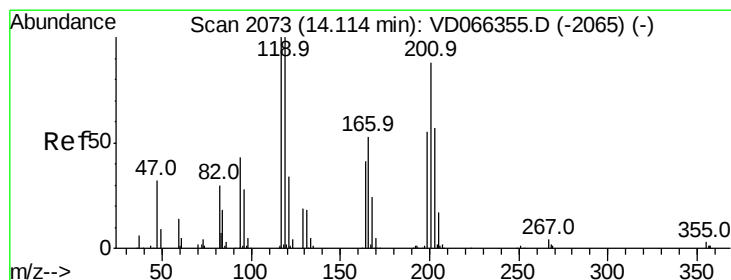
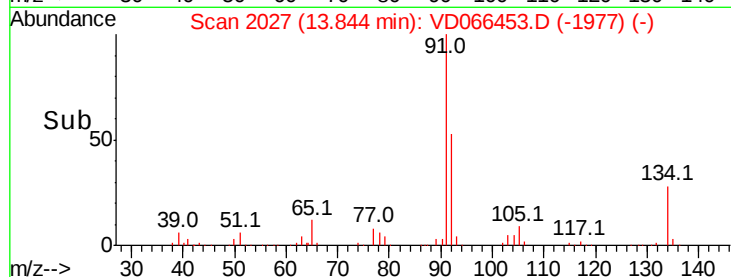
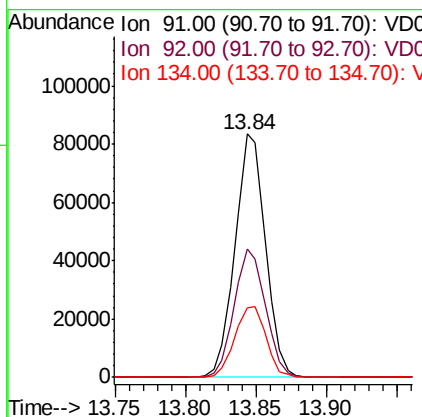
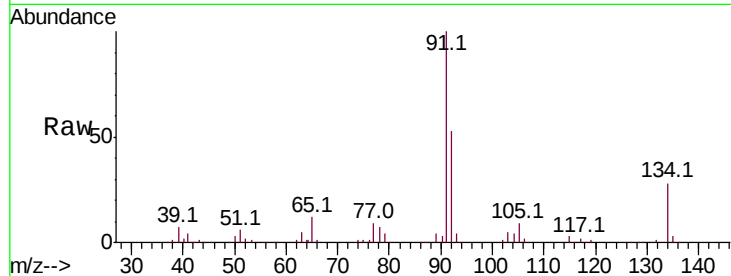




#89
n-Butylbenzene
Concen: 19.805 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

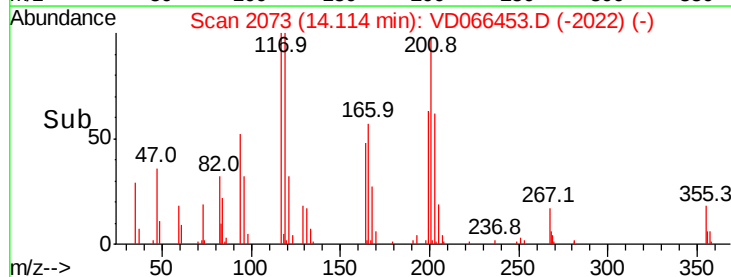
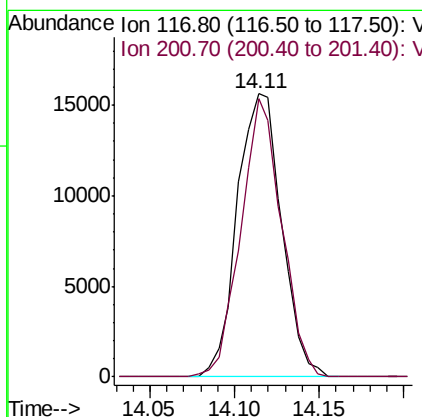
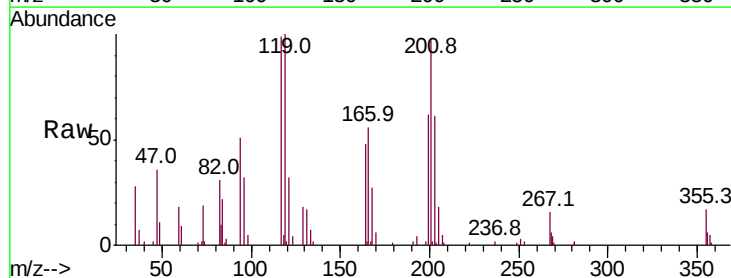
Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

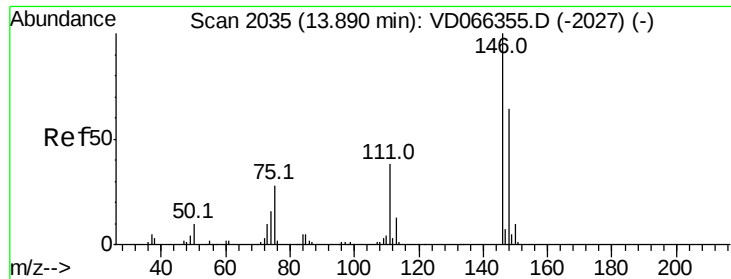
Tot Ion: 91 Resp: 125494
Ion Ratio Lower Upper
91 100
92 54.0 26.4 79.0
134 29.8 14.4 43.4



#90
Hexachloroethane
Concen: 20.039 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion: 117 Resp: 28424
Ion Ratio Lower Upper
117 100
201 90.8 45.4 136.2

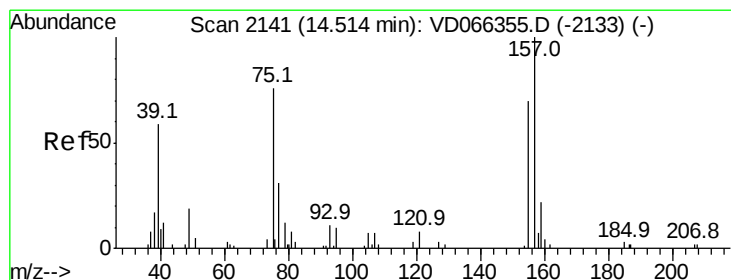
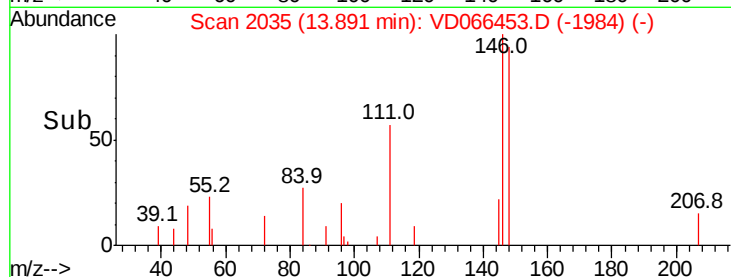
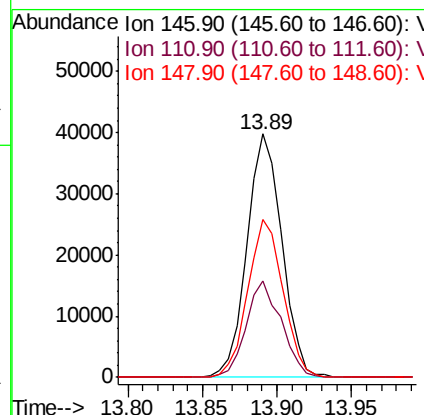
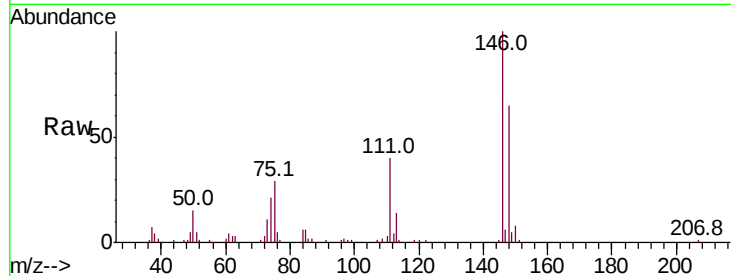




#91
 1,2-Dichlorobenzene
 Concen: 20.805 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

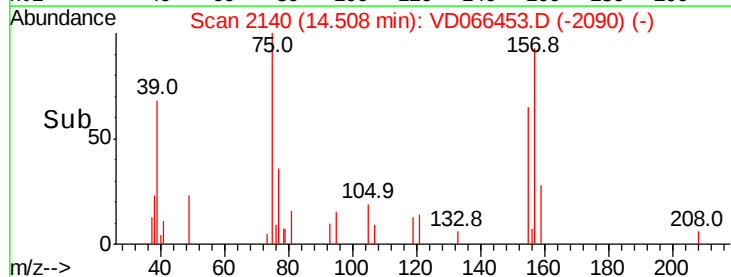
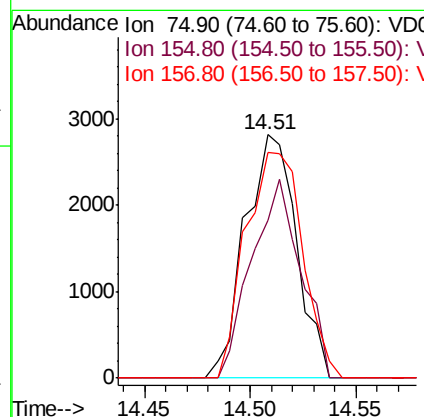
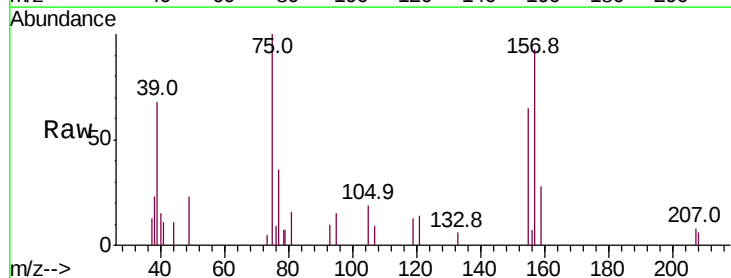
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

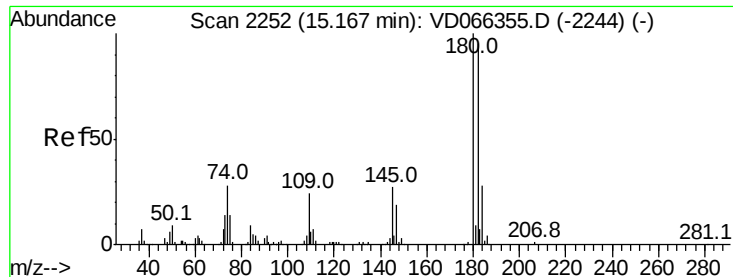
Tot Ion:146 Resp: 64310
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.9 59.7
 148 65.4 32.6 97.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.831 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion: 75 Resp: 4730
 Ion Ratio Lower Upper
 75 100
 155 78.3 46.9 140.6
 157 103.0 61.0 183.0

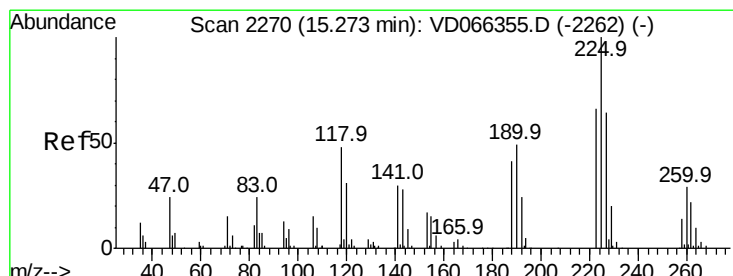
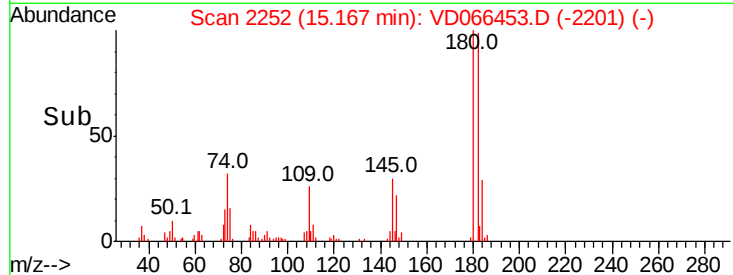
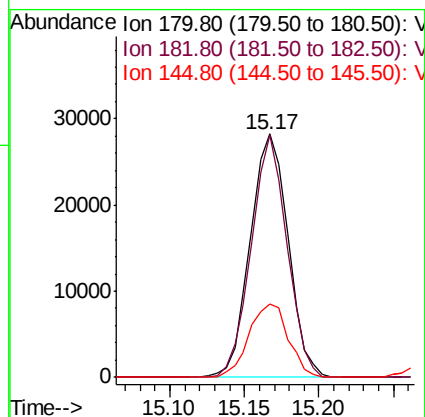
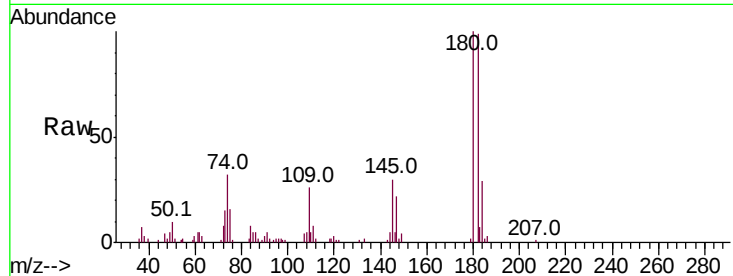




#93
 1,2,4-Trichlorobenzene
 Concen: 20.528 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

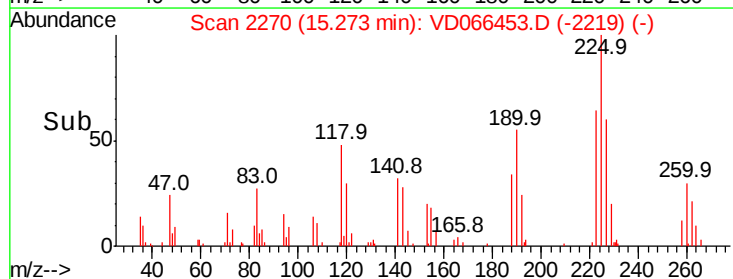
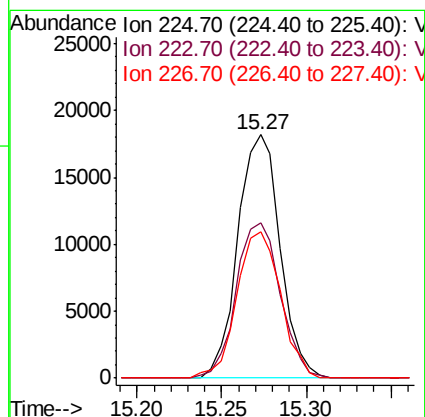
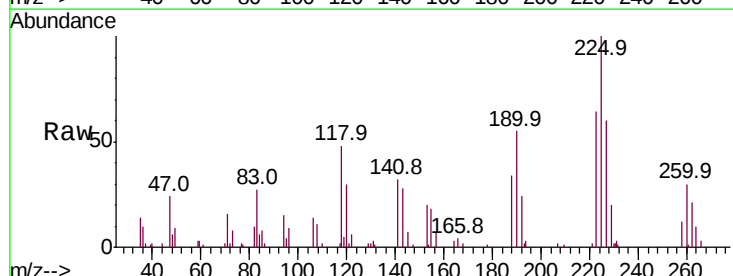
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0828SBS01

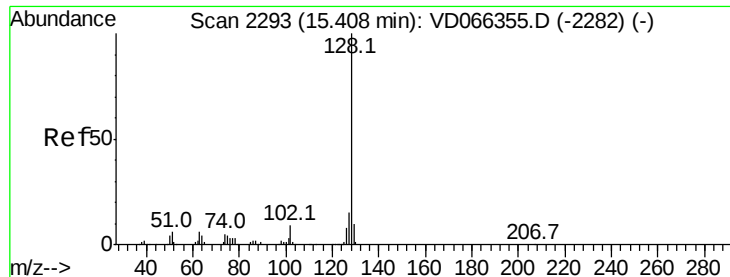
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.5	48.0	144.0
145	31.2	15.2	45.6



#94
 Hexachlorobutadiene
 Concen: 21.092 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. 0.00 min
 Lab File: VD066453.D
 Acq: 28 Aug 2020 12:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.7	32.5	97.4
227	62.2	33.0	98.9

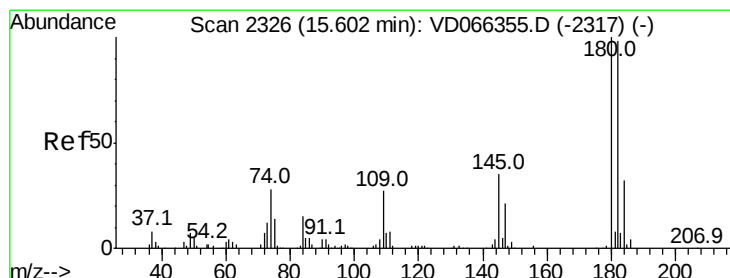
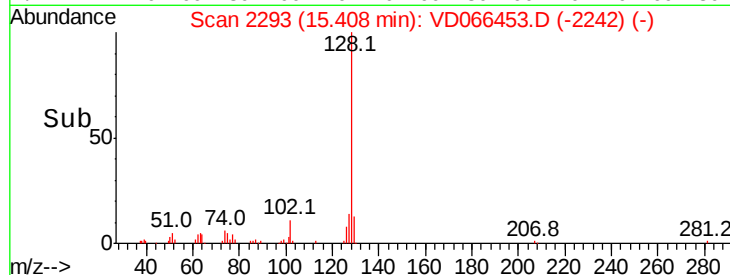
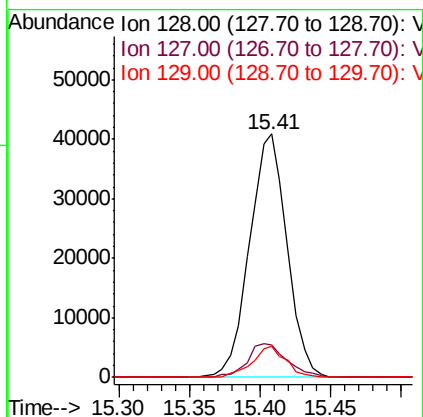
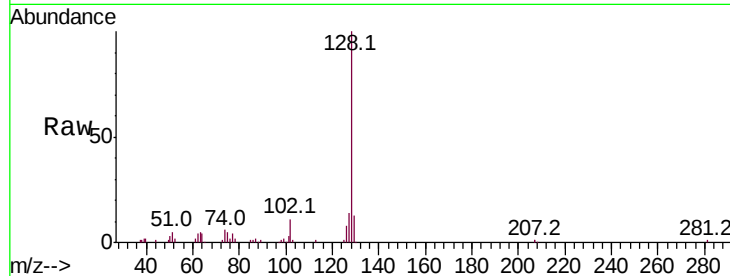




#95
Naphthalene
Concen: 19.998 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0828SBS01

Tot Ion:128 Resp: 75795
Ion Ratio Lower Upper
128 100
127 14.5 10.7 16.1
129 11.5 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.224 ug/l
RT: 15.60 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VD066453.D
Acq: 28 Aug 2020 12:10

Tgt Ion:180 Resp: 41808
Ion Ratio Lower Upper
180 100
182 97.0 46.7 140.0
145 33.6 16.0 48.0

