

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042022\
 Data File : VD072642.D
 Acq On : 20 Apr 2022 12:50
 Operator : VA/SY
 Sample : VD0420SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

Quant Time: Apr 20 14:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	349732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	574187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	277108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204002	48.220	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.440%
35) Dibromofluoromethane	7.908	113	220443	49.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.800%
50) Toluene-d8	10.332	98	744333	47.987	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.620	95	301026	49.693	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	51848	18.680	ug/l	96
3) Chloromethane	2.209	50	46890	18.265	ug/l	98
4) Vinyl Chloride	2.350	62	52374	18.362	ug/l	97
5) Bromomethane	2.744	94	39167	19.798	ug/l	99
6) Chloroethane	2.915	64	37453	19.807	ug/l	94
7) Trichlorofluoromethane	3.267	101	133157	22.102	ug/l	98
8) Diethyl Ether	3.709	74	36792	20.550	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.091	101	91247	22.710	ug/l	95
10) Methyl Iodide	4.297	142	57007	17.817	ug/l	98
11) Tert butyl alcohol	5.191	59	58907	263.662	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	65263	20.776	ug/l	82
13) Acrolein	3.920	56	9616	96.989	ug/l	96
14) Allyl chloride	4.709	41	105418	19.807	ug/l #	90
15) Acrylonitrile	5.414	53	102479	114.456	ug/l	97
16) Acetone	4.150	43	77679	98.467	ug/l	95
17) Carbon Disulfide	4.409	76	78654	14.349	ug/l	100
18) Methyl Acetate	4.714	43	59835	26.923	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	209895	22.893	ug/l	98
20) Methylene Chloride	4.967	84	118075	25.141	ug/l #	82
21) trans-1,2-Dichloroethene	5.473	96	69511	18.610	ug/l	86
22) Diisopropyl ether	6.361	45	289977	22.976	ug/l #	93
23) Vinyl Acetate	6.303	43	652024	99.926	ug/l	96
24) 1,1-Dichloroethane	6.267	63	174372	22.928	ug/l	99
25) 2-Butanone	7.214	43	120163	110.135	ug/l	92
26) 2,2-Dichloropropane	7.208	77	162044	23.989	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	105313	22.081	ug/l	91
28) Bromochloromethane	7.544	49	69898	21.450	ug/l #	76
29) Tetrahydrofuran	7.555	42	72005	109.312	ug/l	90
30) Chloroform	7.708	83	204361	23.888	ug/l	98
31) Cyclohexane	7.985	56	100188	18.111	ug/l #	84
32) 1,1,1-Trichloroethane	7.897	97	172354	23.754	ug/l	96
36) 1,1-Dichloropropene	8.108	75	108702	19.758	ug/l	96
37) Ethyl Acetate	7.291	43	54158	22.906	ug/l #	77
38) Carbon Tetrachloride	8.097	117	141193	22.968	ug/l	99
39) Methylcyclohexane	9.350	83	108118	18.220	ug/l	95
40) Benzene	8.350	78	342316	21.966	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.561	41	76315	55.055	ug/l #	27
42) 1,2-Dichloroethane	8.420	62	109310	22.949	ug/l	98
43) Isopropyl Acetate	8.450	43	107339	23.667	ug/l #	93
44) Trichloroethene	9.108	130	96211	21.746	ug/l	94
45) 1,2-Dichloropropane	9.379	63	102503	23.645	ug/l	93
46) Dibromomethane	9.467	93	53213	23.397	ug/l	97
47) Bromodichloromethane	9.655	83	156167	23.900	ug/l #	99
48) Methyl methacrylate	9.450	41	49481	22.472	ug/l #	88
49) 1,4-Dioxane	9.455	88	12364	456.994	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	296273	121.744	ug/l	92
52) Toluene	10.397	92	234379	22.639	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	131548	23.103	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	153277	22.769	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	86735	25.155	ug/l	97
56) Ethyl methacrylate	10.655	69	88418	21.549	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	132605	23.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	197263	115.879	ug/l	94
59) 2-Hexanone	10.979	43	186937	112.961	ug/l	92
60) Dibromochloromethane	11.132	129	108402	24.372	ug/l	100
61) 1,2-Dibromoethane	11.238	107	70449	23.012	ug/l	98
64) Tetrachloroethene	10.867	164	77440	21.696	ug/l	99
65) Chlorobenzene	11.661	112	273357	22.381	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	118346	24.236	ug/l	99
67) Ethyl Benzene	11.738	91	469633	22.036	ug/l	99
68) m/p-Xylenes	11.844	106	362813	44.873	ug/l	98
69) o-Xylene	12.167	106	175741	22.528	ug/l	97
70) Styrene	12.185	104	320181	23.288	ug/l	97
71) Bromoform	12.349	173	63481	24.523	ug/l #	100
73) Isopropylbenzene	12.467	105	504438	22.540	ug/l	99
74) N-amyl acetate	12.279	43	103157	21.969	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	102087	24.083	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	120702	39.937	ug/l #	100
77) Bromobenzene	12.749	156	113378	22.603	ug/l	95
78) n-propylbenzene	12.808	91	626756	23.215	ug/l	98
79) 2-Chlorotoluene	12.896	91	364486	23.085	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	443317	23.129	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	28873	23.442	ug/l	88
82) 4-Chlorotoluene	12.996	91	379018	23.049	ug/l	99
83) tert-Butylbenzene	13.214	119	389465	23.472	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	438208	23.380	ug/l	99
85) sec-Butylbenzene	13.390	105	593776	23.757	ug/l	99
86) p-Isopropyltoluene	13.502	119	482356	23.611	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	248598	23.917	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	244091	23.300	ug/l	99
89) n-Butylbenzene	13.826	91	460772	23.676	ug/l	99
90) Hexachloroethane	14.096	117	103434	24.732	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	219724	23.968	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	15670	24.996	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	134199	23.616	ug/l	98
94) Hexachlorobutadiene	15.249	225	76980	24.185	ug/l	97
95) Naphthalene	15.384	128	233757	21.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	116696	23.530	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VD0420SBSD01

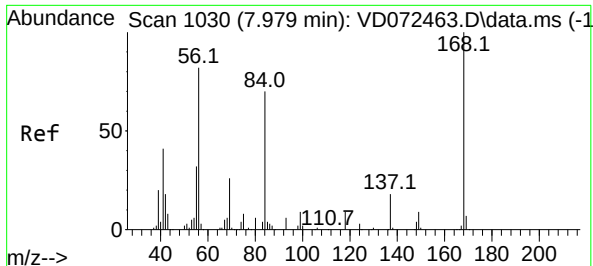
Quant Time: Apr 20 14:48:42 2022
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Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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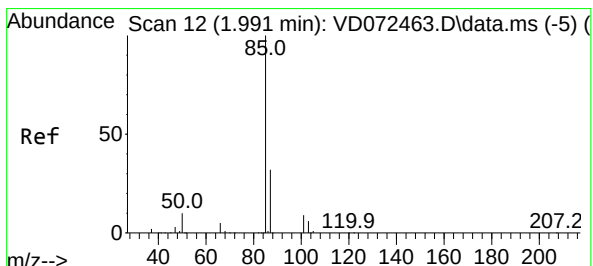
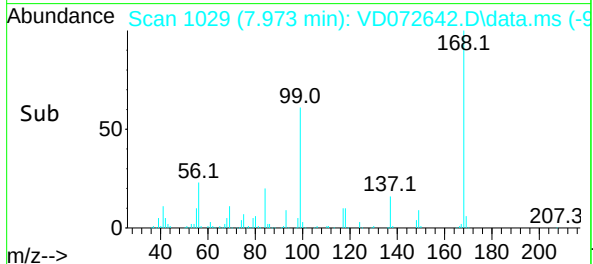
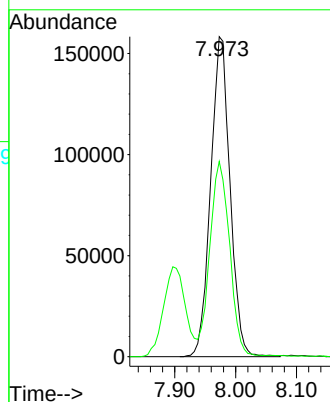
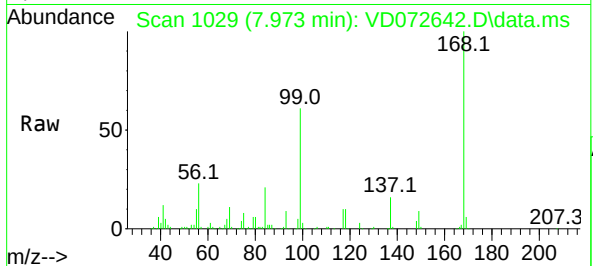




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

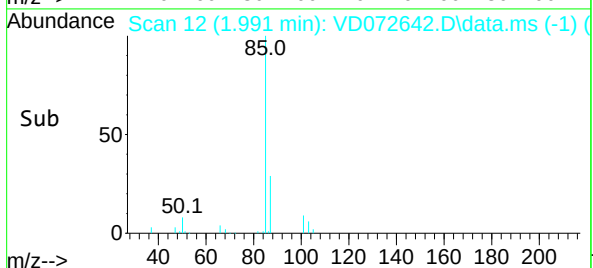
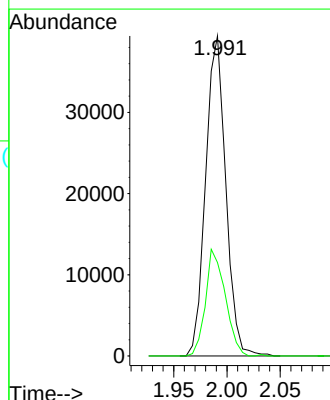
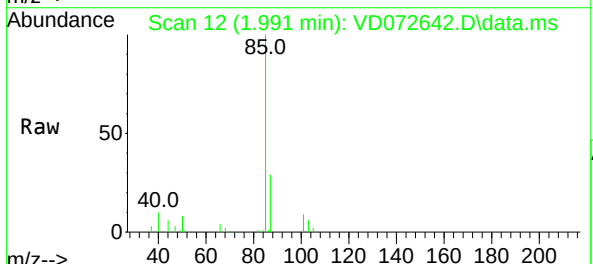
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

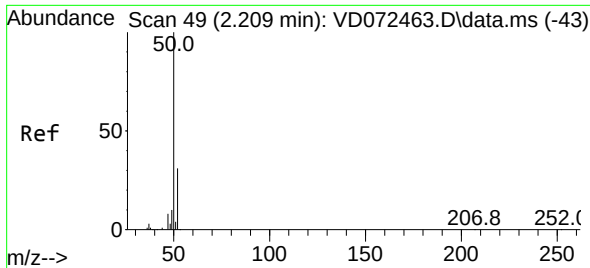
Tgt Ion:168 Resp: 349732
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 18.680 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 85 Resp: 51848
Ion Ratio Lower Upper
85 100
87 29.2 15.7 47.0

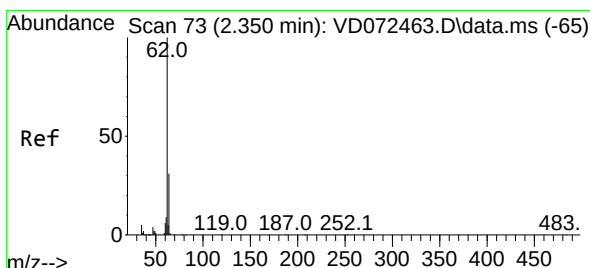
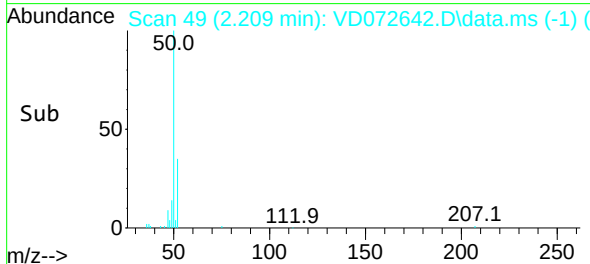
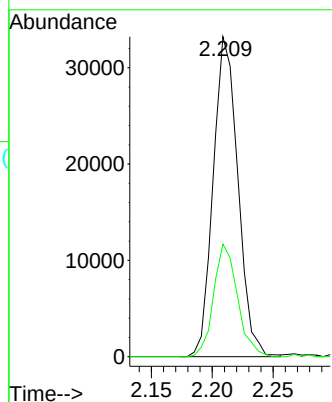
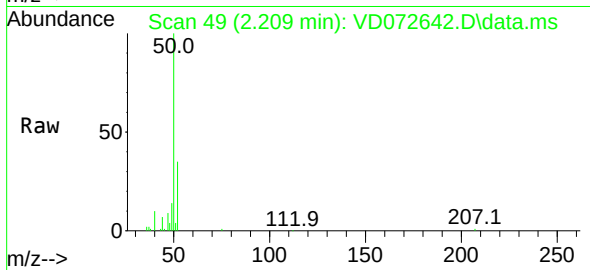




#3
Chloromethane
Concen: 18.265 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

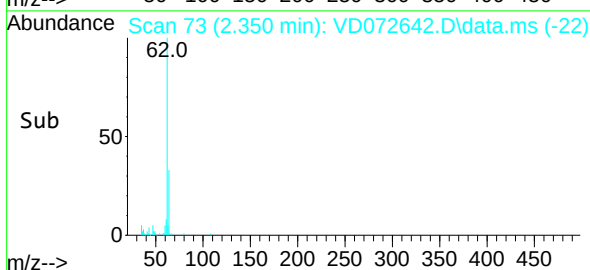
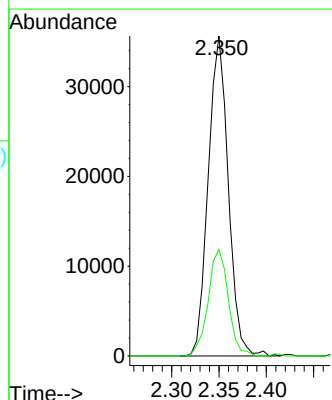
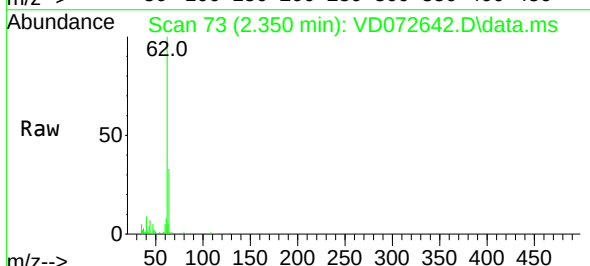
Instrument :
MSVOA_D
ClientSampleId :
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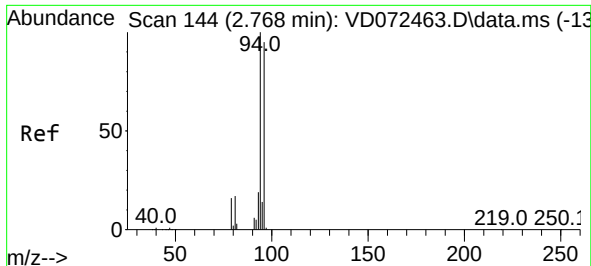
Tgt Ion: 50 Resp: 46890
Ion Ratio Lower Upper
50 100
52 35.2 27.4 41.0



#4
Vinyl Chloride
Concen: 18.362 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 62 Resp: 52374
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0

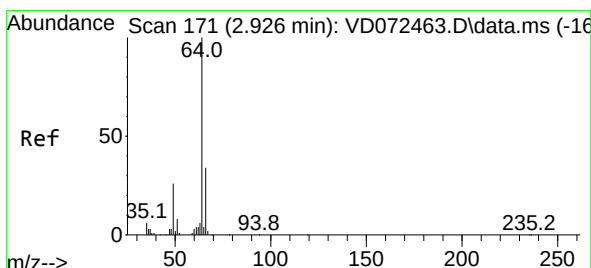
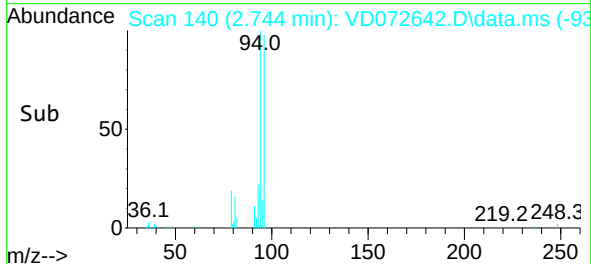
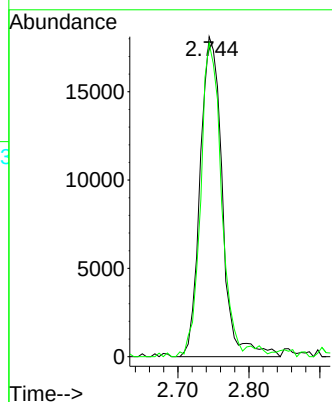
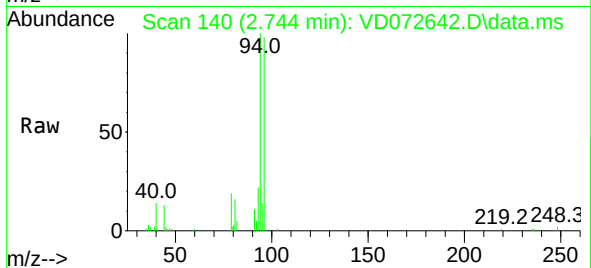




#5
Bromomethane
Concen: 19.798 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.024 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

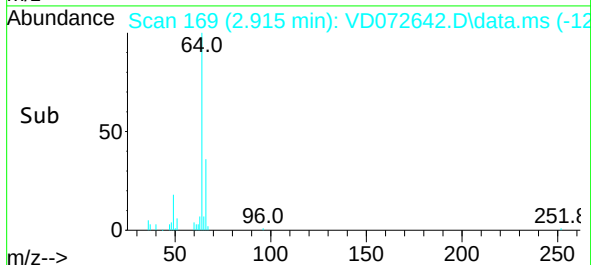
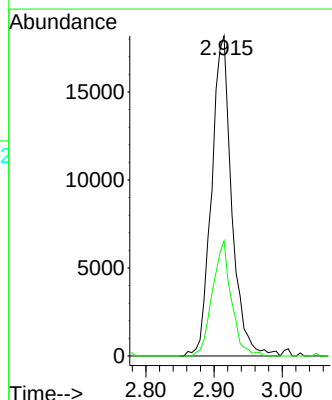
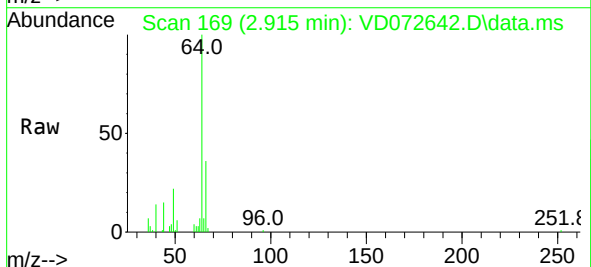
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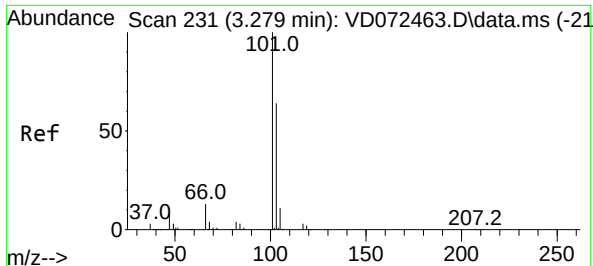
Tgt Ion: 94 Resp: 39167
Ion Ratio Lower Upper
94 100
96 96.4 77.6 116.4



#6
Chloroethane
Concen: 19.807 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.012 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 64 Resp: 37453
Ion Ratio Lower Upper
64 100
66 35.9 25.9 38.9

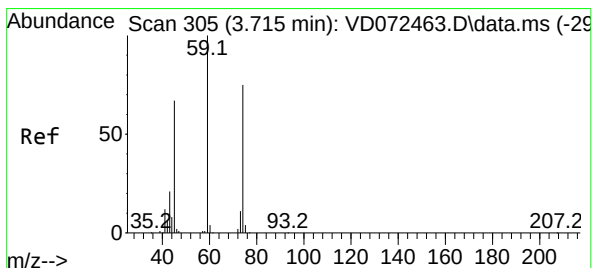
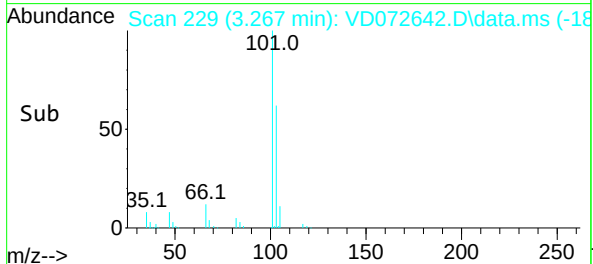
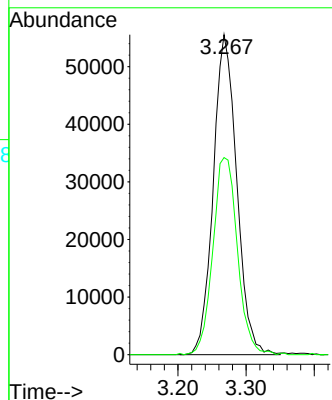
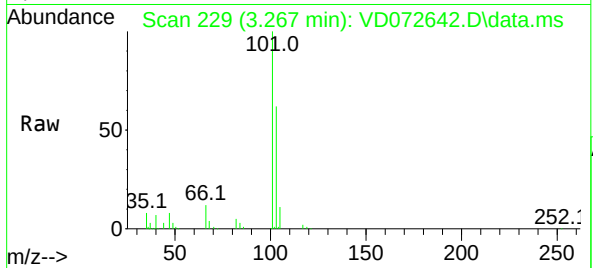




#7
Trichlorofluoromethane
Concen: 22.102 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

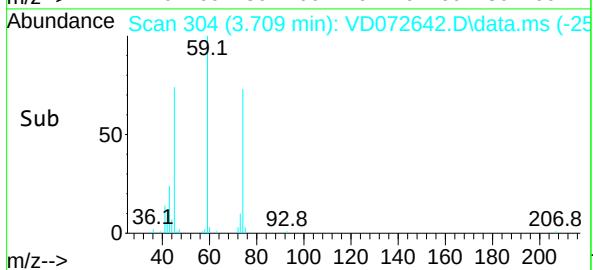
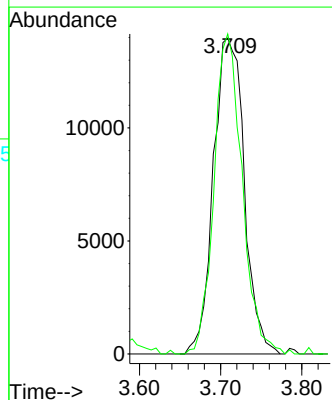
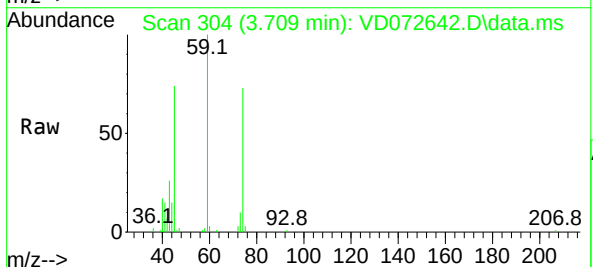
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MSVOA_D
ClientSampleId :
VD0420SBS01

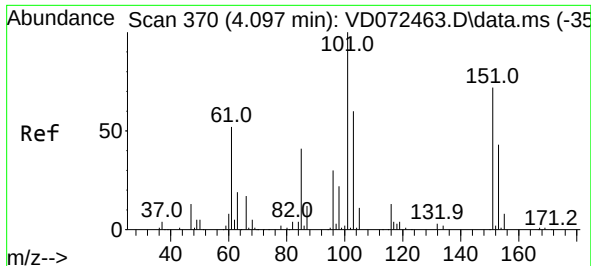
Tgt Ion:101 Resp: 133157
Ion Ratio Lower Upper
101 100
103 61.2 50.1 75.1



#8
Diethyl Ether
Concen: 20.550 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 74 Resp: 36792
Ion Ratio Lower Upper
74 100
45 92.7 52.6 157.8

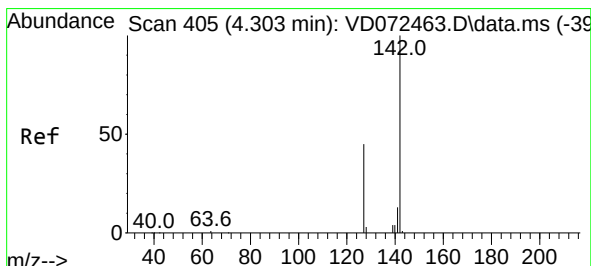
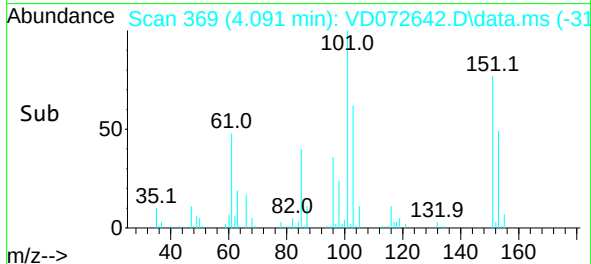
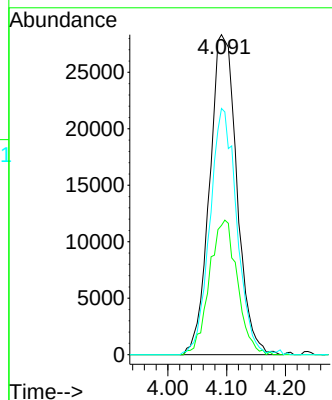
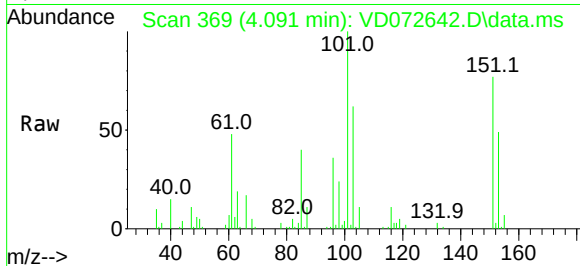




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 22.710 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD072642.D
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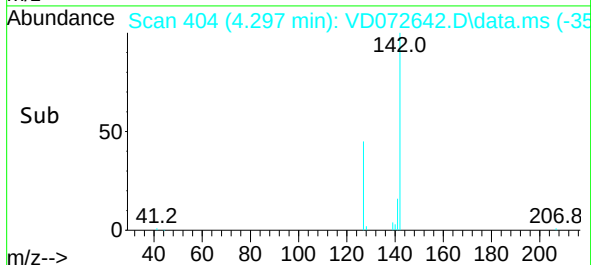
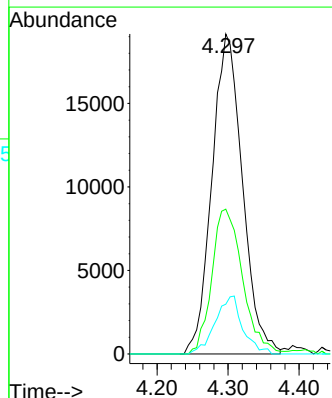
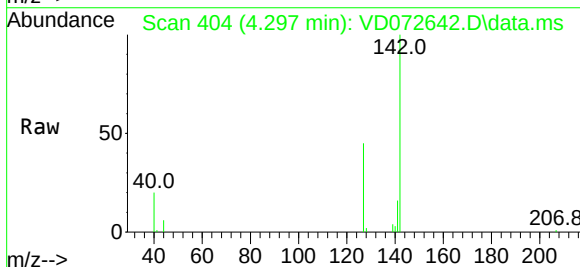
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBSD01

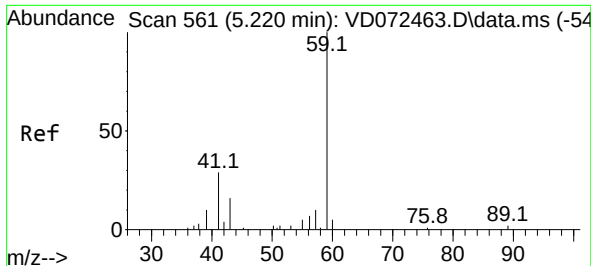
Tgt Ion:101 Resp: 91247
 Ion Ratio Lower Upper
 101 100
 85 43.0 36.4 54.6
 151 75.9 57.3 85.9



#10
 Methyl Iodide
 Concen: 17.817 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

Tgt Ion:142 Resp: 57007
 Ion Ratio Lower Upper
 142 100
 127 45.8 37.3 55.9
 141 16.3 11.7 17.5





#11

Tert butyl alcohol

Concen: 263.662 ug/l

RT: 5.191 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

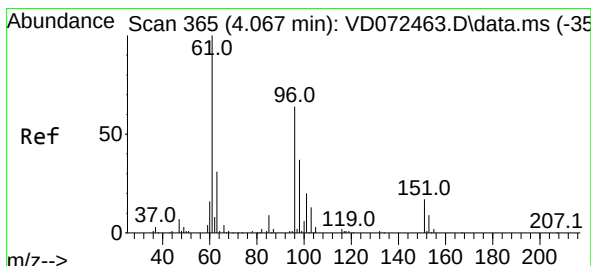
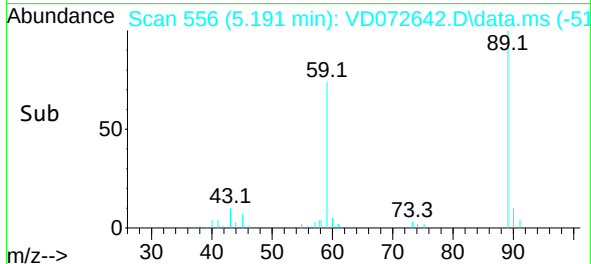
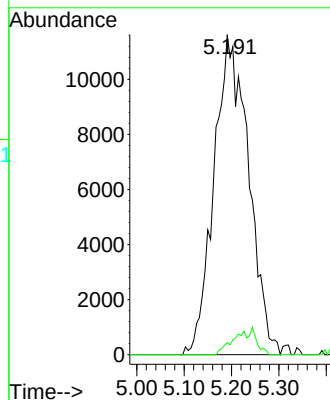
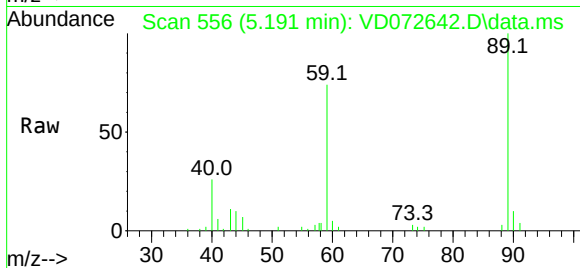
VD0420SBS01

Tgt Ion: 59 Resp: 58907

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 20.776 ug/l

RT: 4.067 min Scan# 365

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

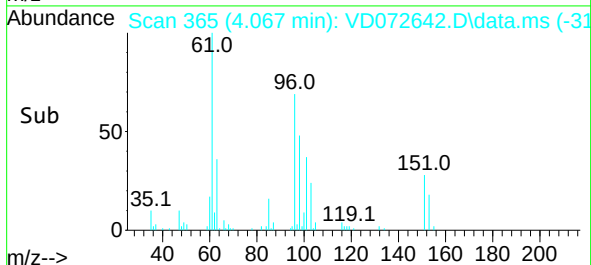
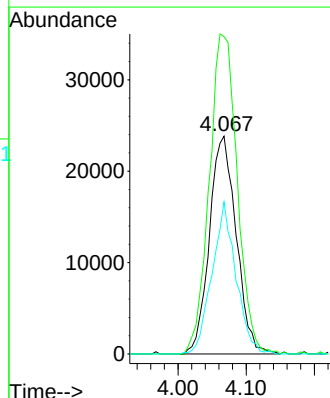
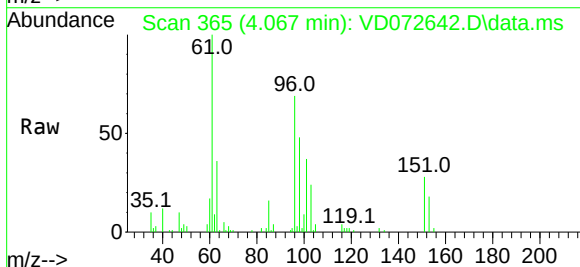
Tgt Ion: 96 Resp: 65263

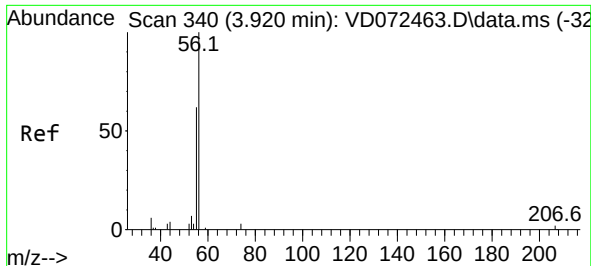
Ion Ratio Lower Upper

96 100

61 145.7 138.5 207.7

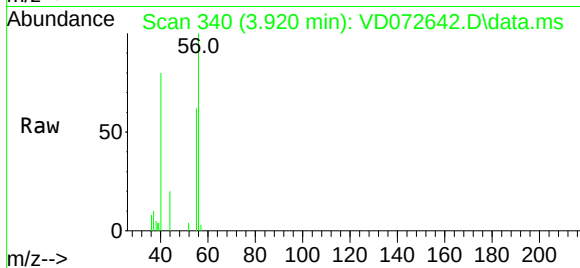
98 69.8 48.6 73.0



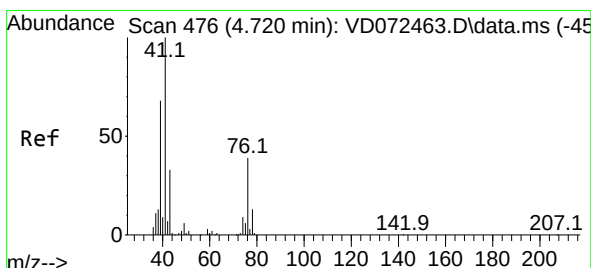
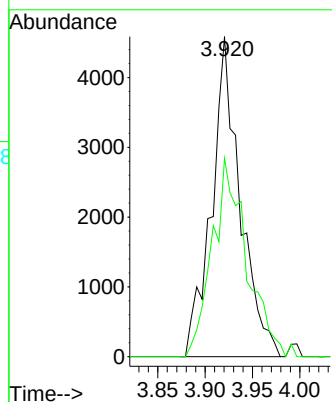
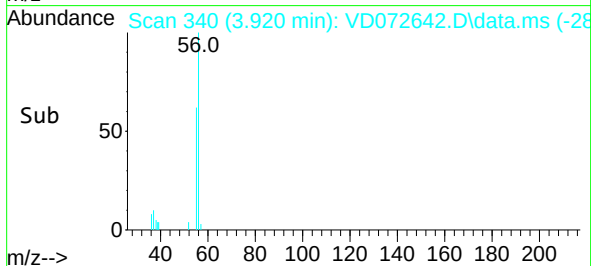


#13
Acrolein
Concen: 96.989 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

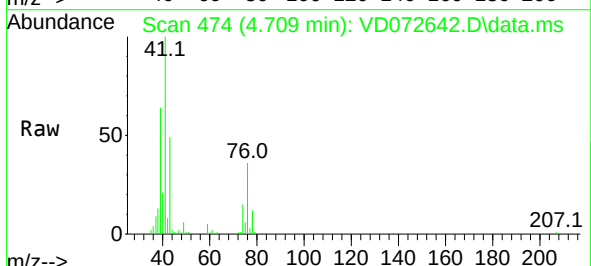
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01



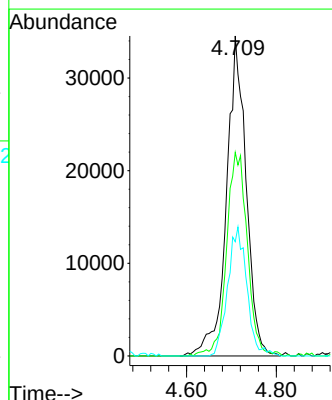
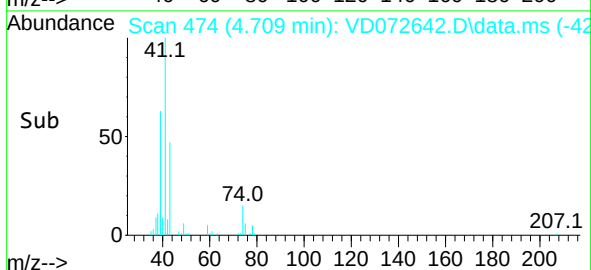
Tgt Ion: 56 Resp: 9616
Ion Ratio Lower Upper
56 100
55 74.7 57.1 85.7

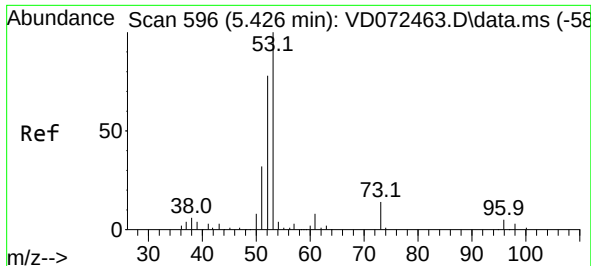


#14
Allyl chloride
Concen: 19.807 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50



Tgt Ion: 41 Resp: 105418
Ion Ratio Lower Upper
41 100
39 66.6 59.3 88.9
76 39.2 25.7 38.5#

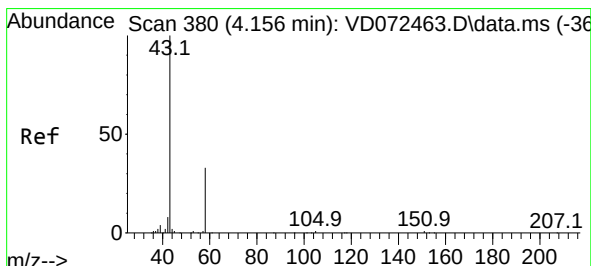
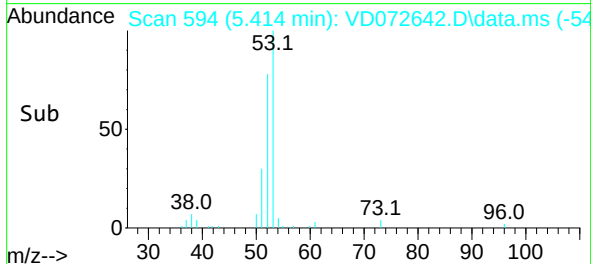
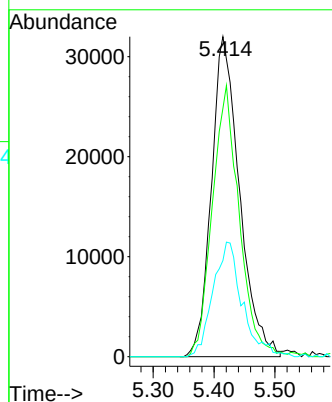
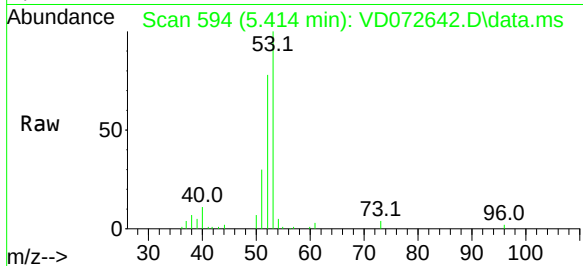




#15
Acrylonitrile
Concen: 114.456 ug/l
RT: 5.414 min Scan# 596
Delta R.T. -0.012 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

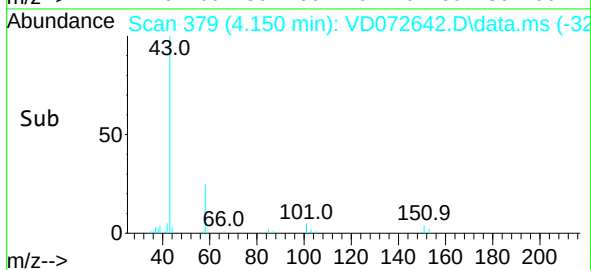
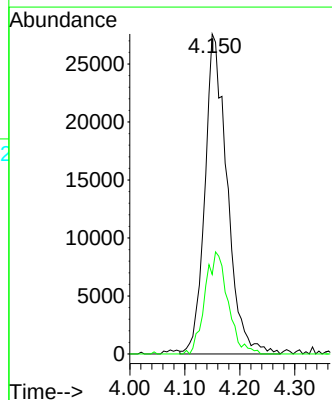
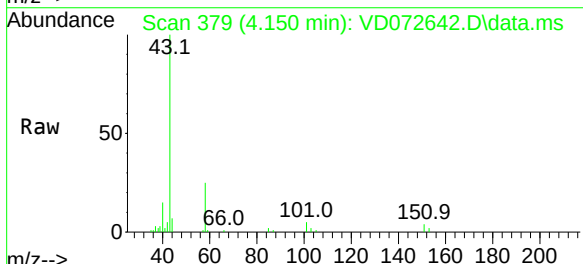
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

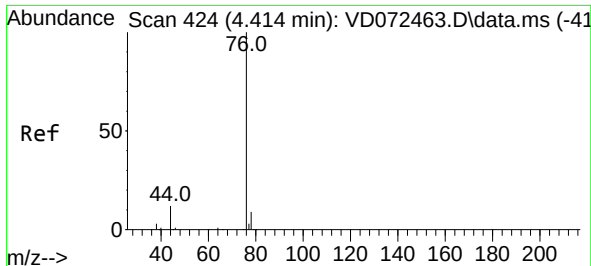
Tgt Ion: 53 Resp: 102479
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 37.3 30.3 45.5



#16
Acetone
Concen: 98.467 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 43 Resp: 77679
Ion Ratio Lower Upper
43 100
58 24.8 22.1 33.1

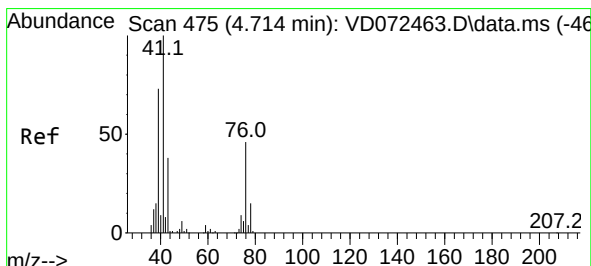
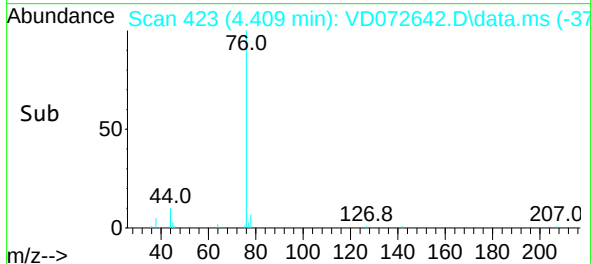
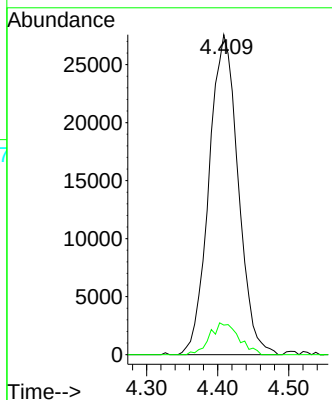
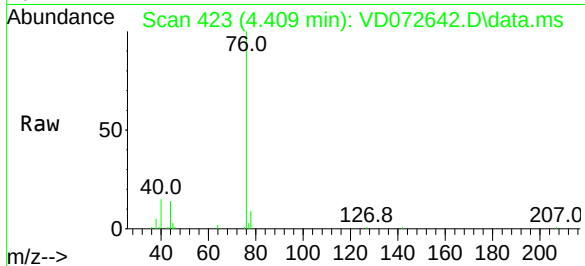




#17
Carbon Disulfide
Concen: 14.349 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

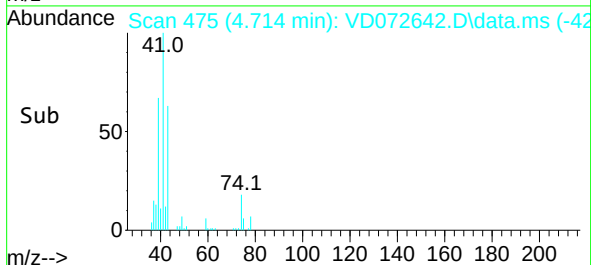
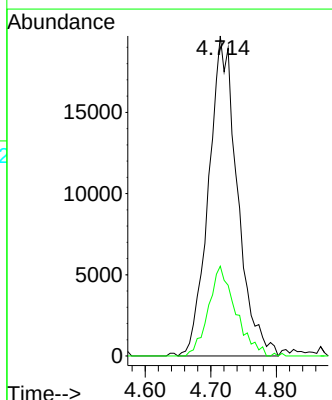
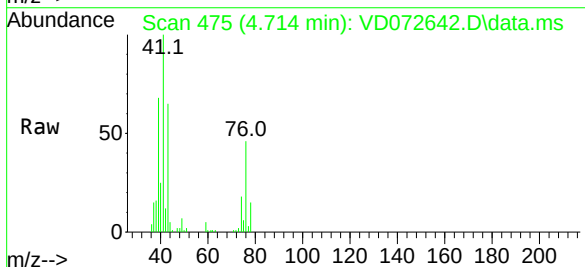
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

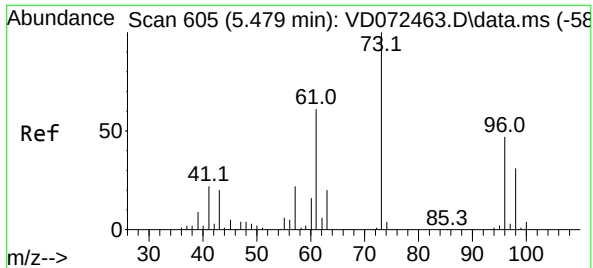
Tgt Ion: 76 Resp: 78654
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 26.923 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 43 Resp: 59835
Ion Ratio Lower Upper
43 100
74 26.5 16.7 25.1#

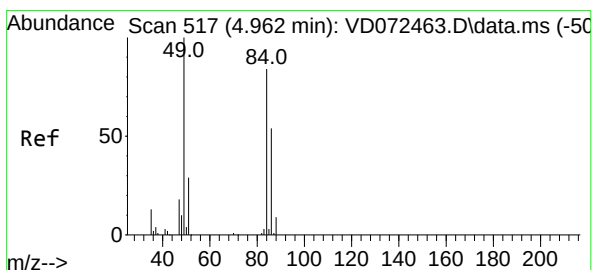
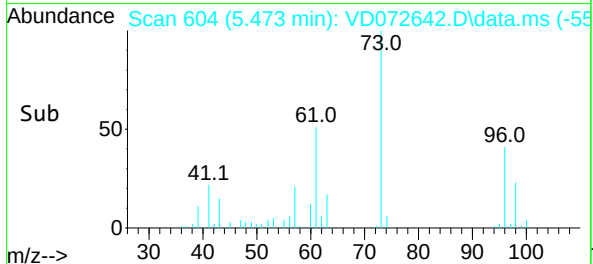
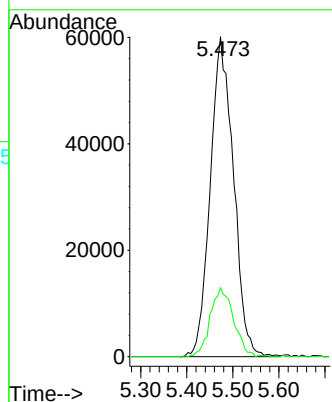
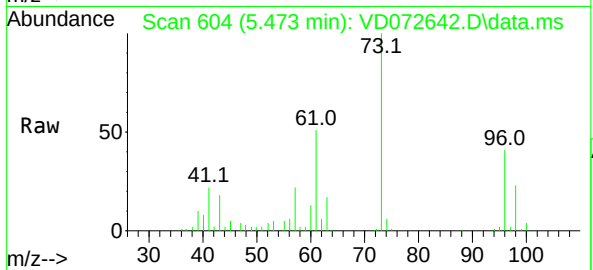




#19
Methyl tert-butyl Ether
Concen: 22.893 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

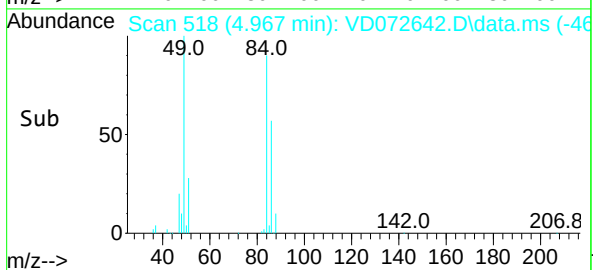
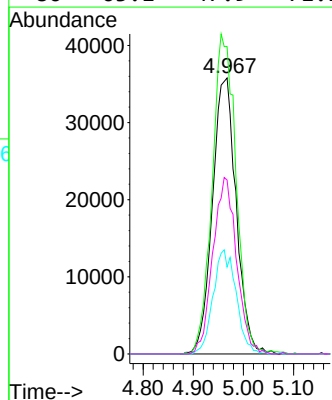
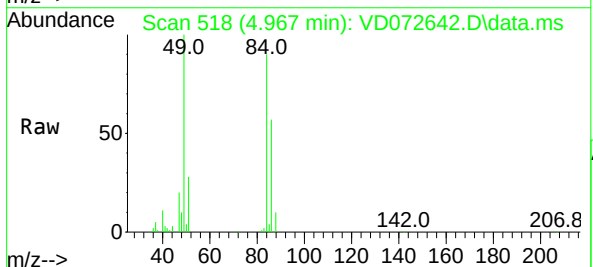
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

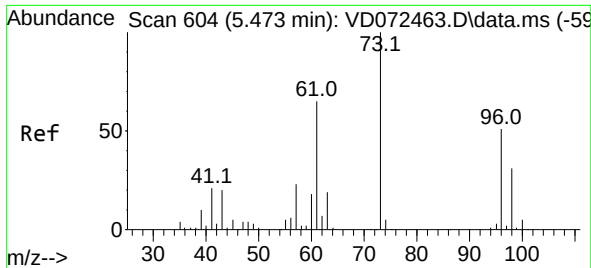
Tgt Ion: 73 Resp: 209895
Ion Ratio Lower Upper
73 100
57 21.5 18.0 27.0



#20
Methylene Chloride
Concen: 25.141 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

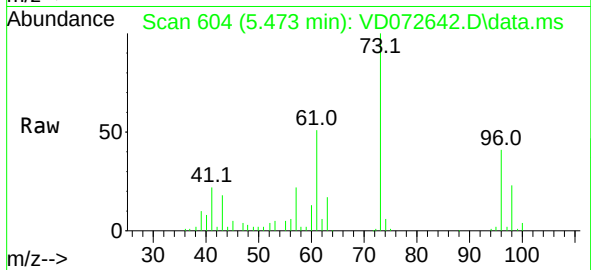
Tgt Ion: 84 Resp: 118075
Ion Ratio Lower Upper
84 100
49 111.4 112.8 169.2#
51 31.5 32.6 48.8#
86 63.1 47.9 71.9



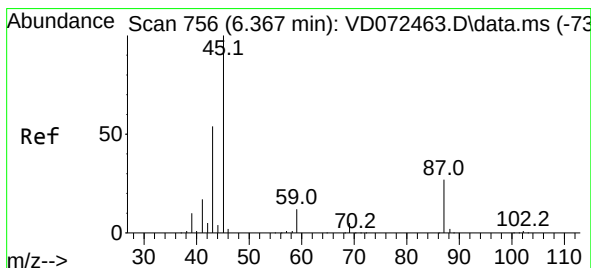
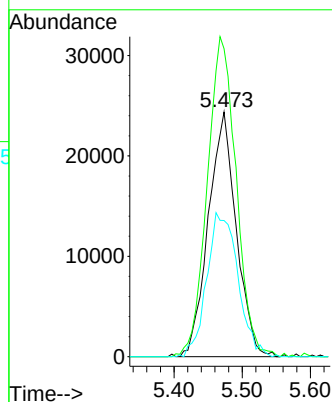
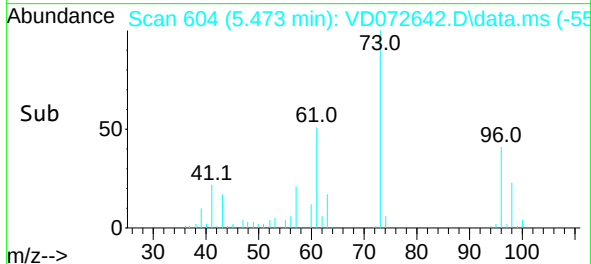


#21
trans-1,2-Dichloroethene
Concen: 18.610 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

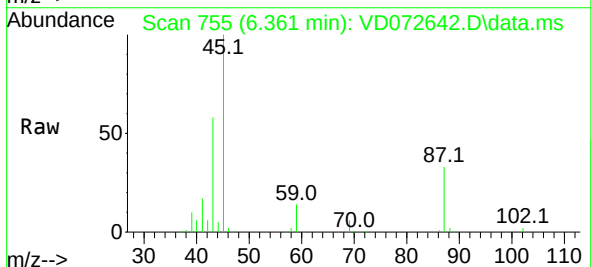
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01



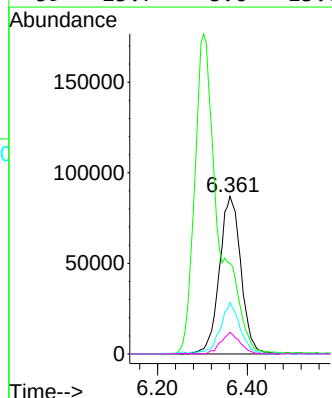
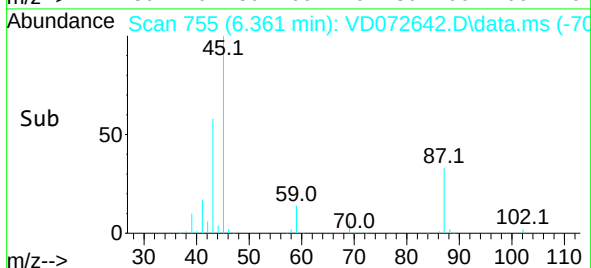
Tgt Ion: 96 Resp: 69511
Ion Ratio Lower Upper
96 100
61 125.9 117.9 176.9
98 55.7 49.4 74.2

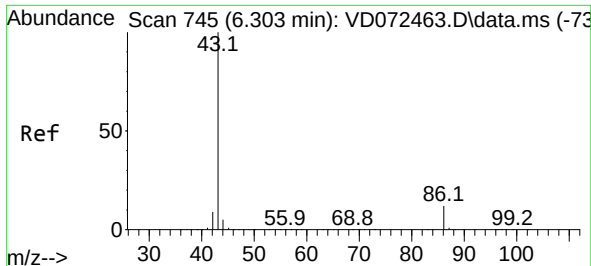


#22
Diisopropyl ether
Concen: 22.976 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50



Tgt Ion: 45 Resp: 289977
Ion Ratio Lower Upper
45 100
43 56.5 46.6 70.0
87 32.3 18.4 27.6#
59 13.7 8.6 13.0#

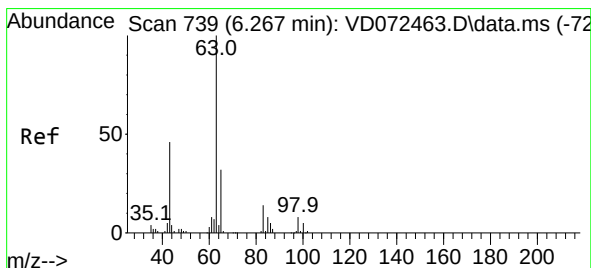
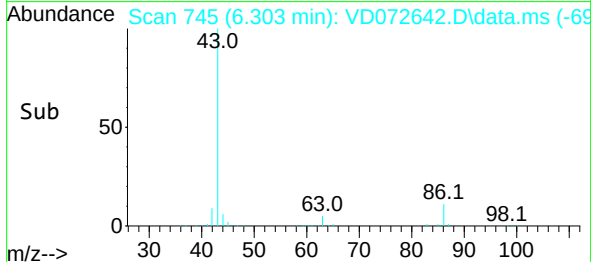
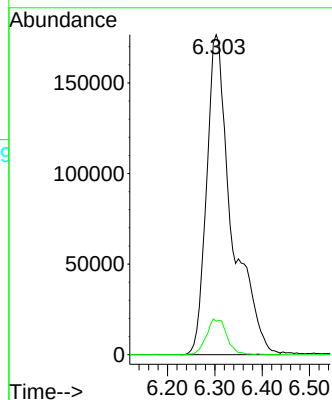
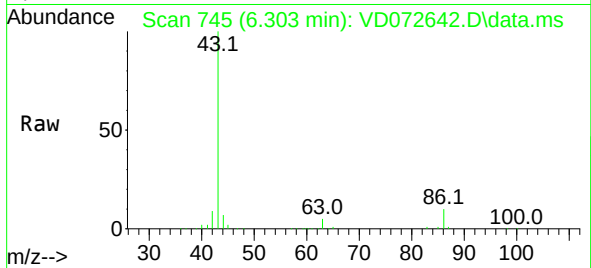




#23
 Vinyl Acetate
 Concen: 99.926 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

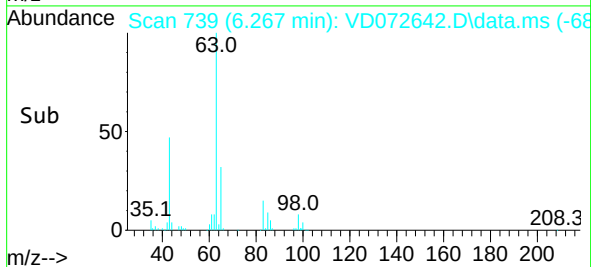
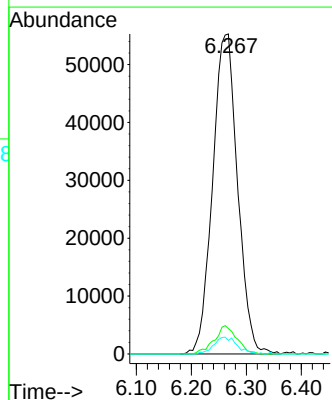
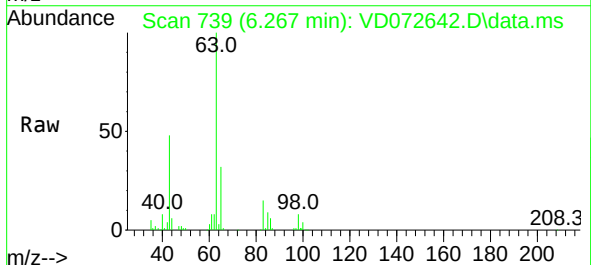
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

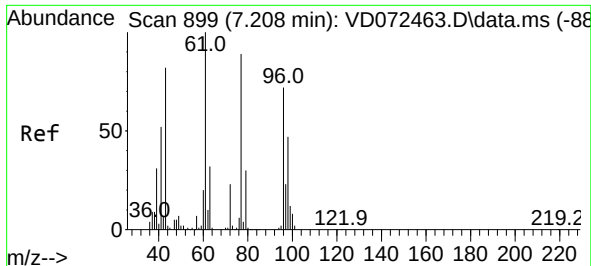
Tgt Ion: 43 Resp: 652024
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 22.928 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

Tgt Ion: 63 Resp: 174372
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.9
 100 4.3 2.1 6.5

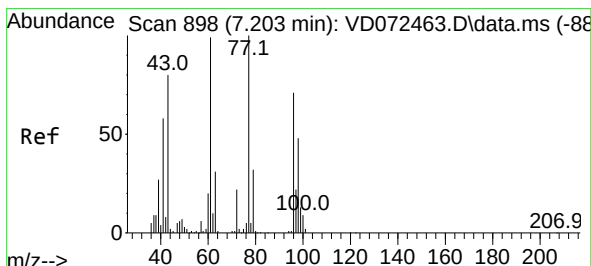
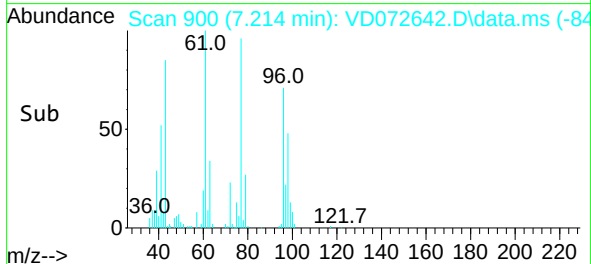
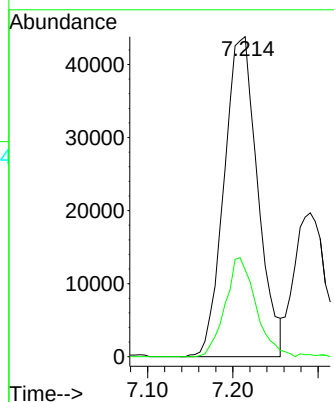
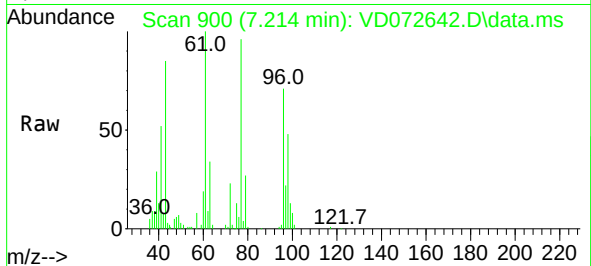




#25
2-Butanone
Concen: 110.135 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

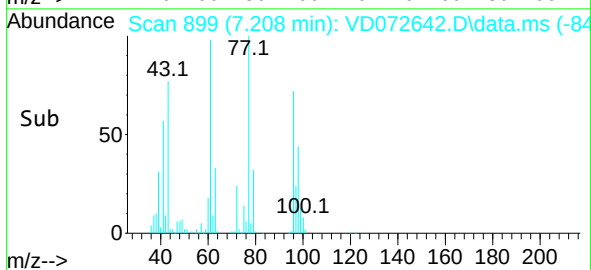
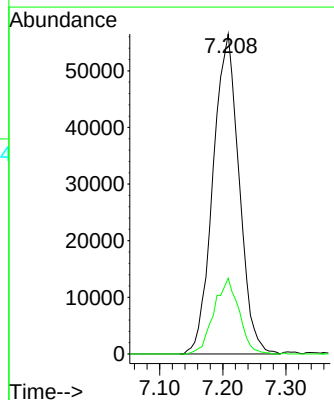
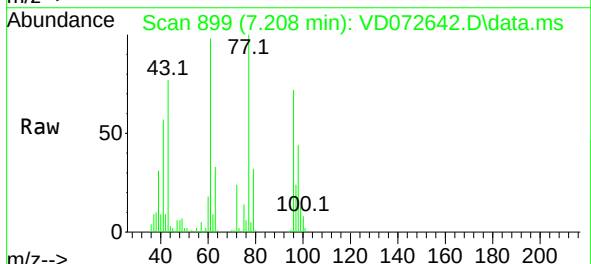
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

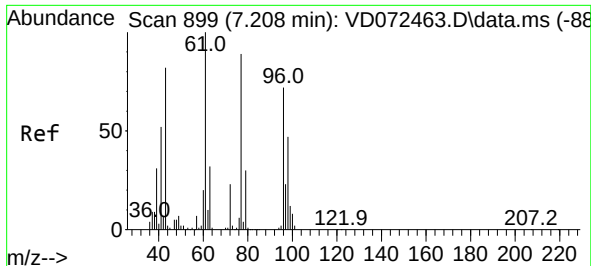
Tgt Ion: 43 Resp: 120163
Ion Ratio Lower Upper
43 100
72 27.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 23.989 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 77 Resp: 162044
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4

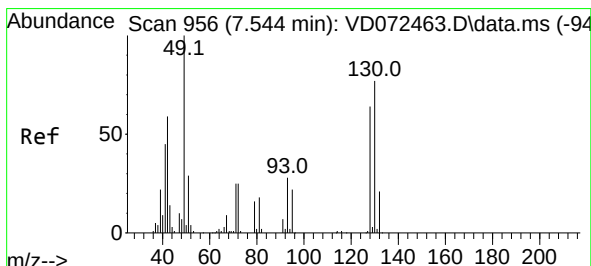
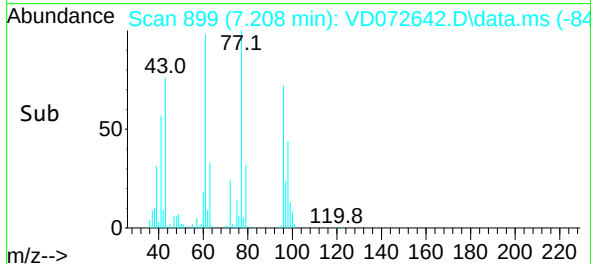
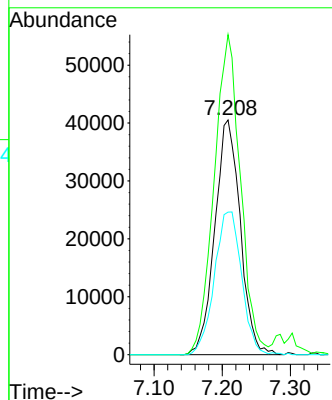
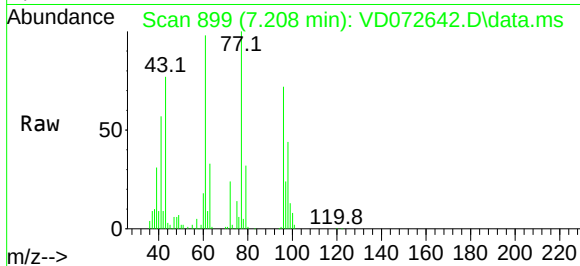




#27
 cis-1,2-Dichloroethene
 Concen: 22.081 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

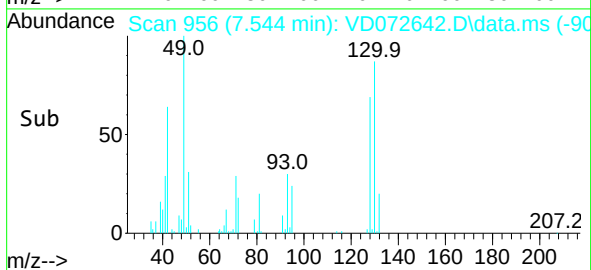
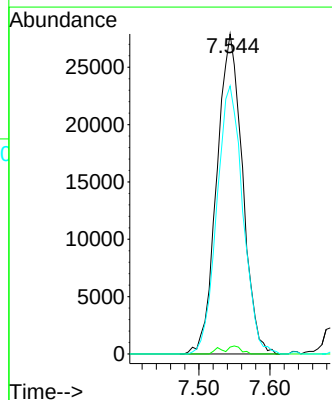
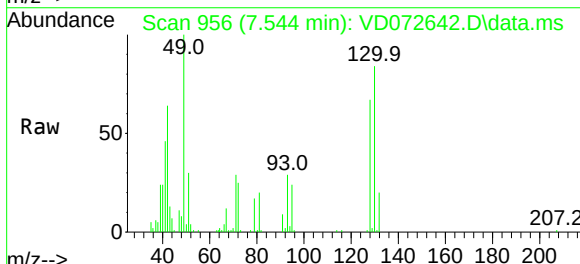
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBSD01

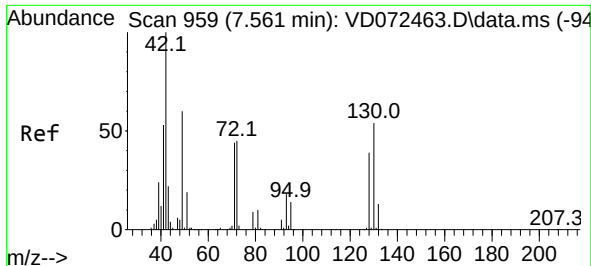
Tgt Ion: 96 Resp: 105313
 Ion Ratio Lower Upper
 96 100
 61 141.0 0.0 313.8
 98 65.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.450 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

Tgt Ion: 49 Resp: 69898
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 4.0
 130 85.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 109.312 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072642.D

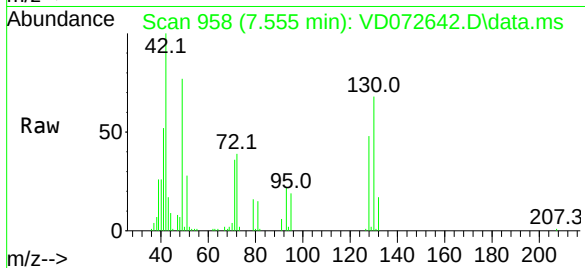
Acq: 20 Apr 2022 12:50

Instrument :

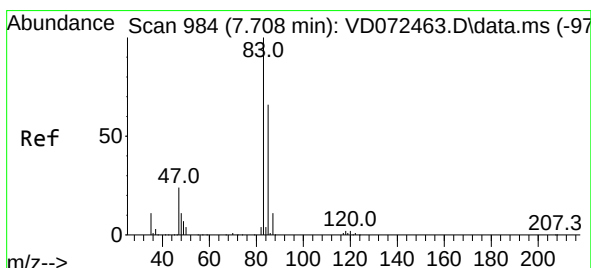
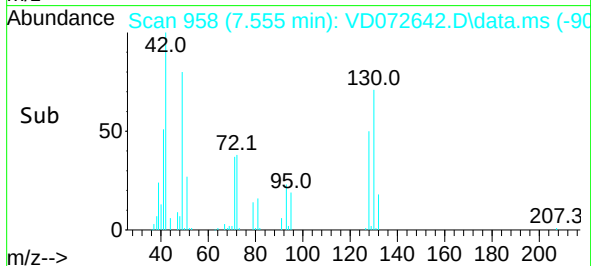
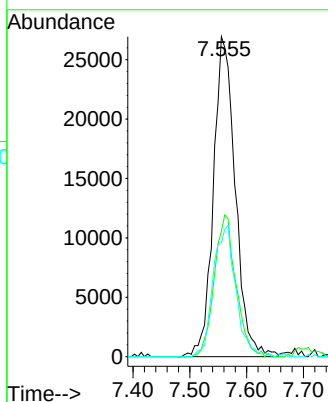
MSVOA_D

ClientSampleId :

VD0420SBS01



Tgt Ion:	42	Resp:	72005
Ion	Ratio	Lower	Upper
42	100		
72	44.0	30.7	46.1
71	42.4	28.6	43.0



#30

Chloroform

Concen: 23.888 ug/l

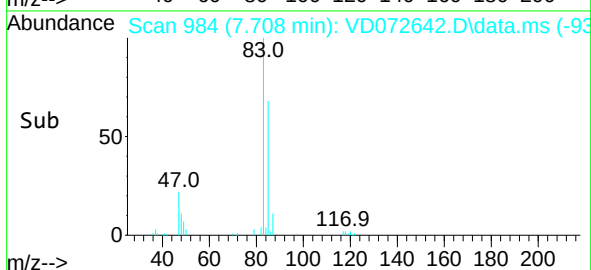
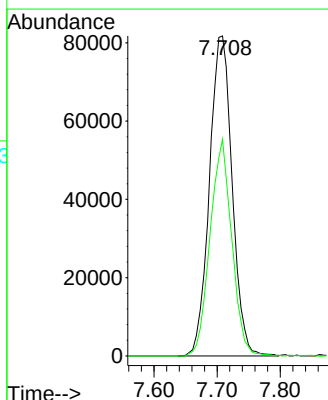
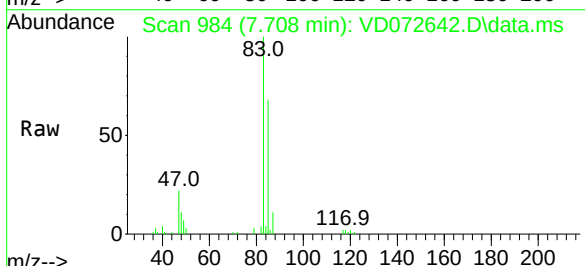
RT: 7.708 min Scan# 984

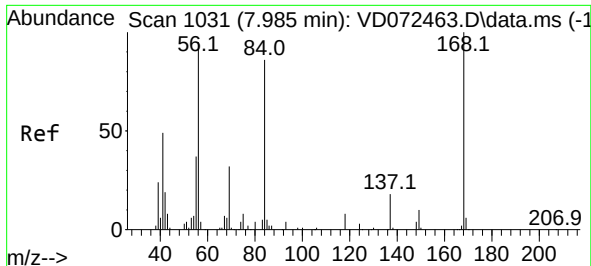
Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Tgt Ion:	83	Resp:	204361
Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.7	79.1

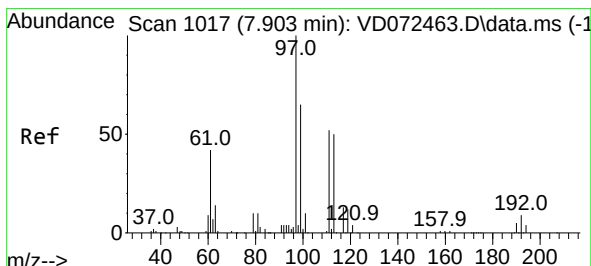
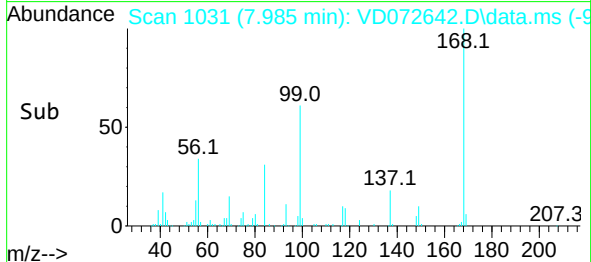
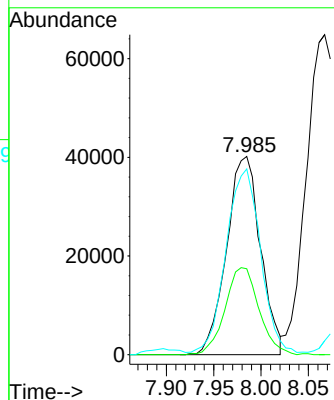
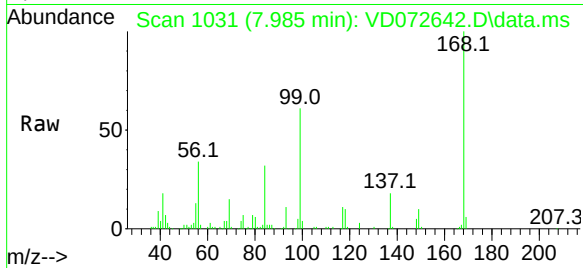




#31
Cyclohexane
Concen: 18.111 ug/l
RT: 7.985 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

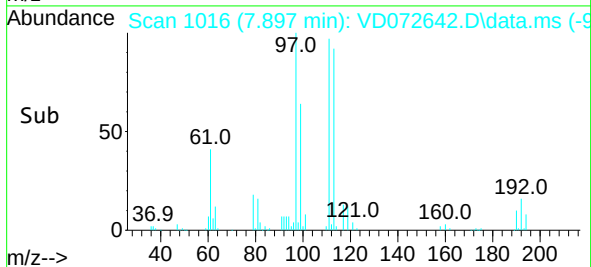
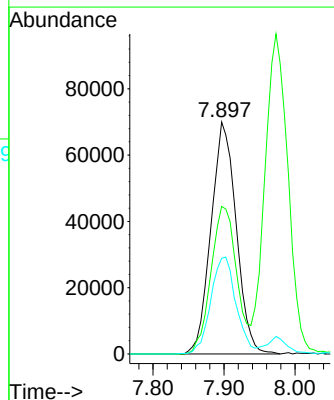
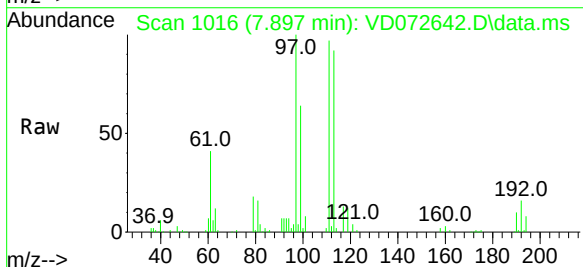
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

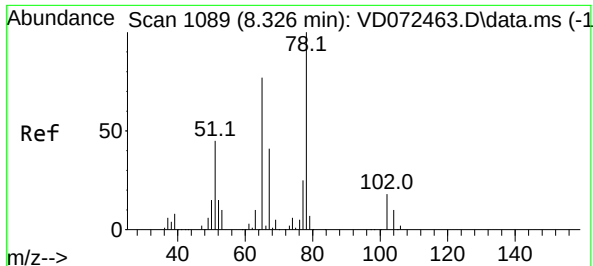
Tgt Ion: 56 Resp: 100188
Ion Ratio Lower Upper
56 100
69 43.3 25.4 38.2#
84 91.5 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 23.754 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 97 Resp: 172354
Ion Ratio Lower Upper
97 100
99 65.8 52.4 78.6
61 41.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.220 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

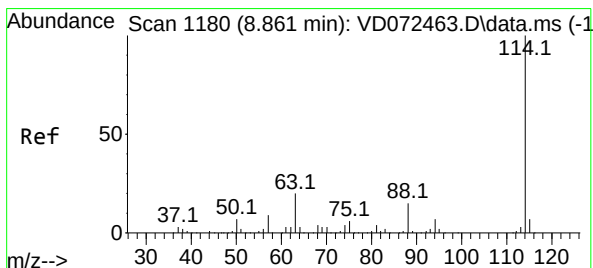
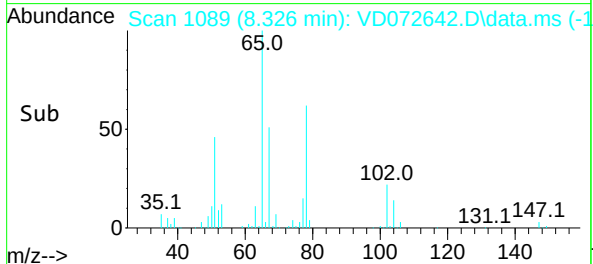
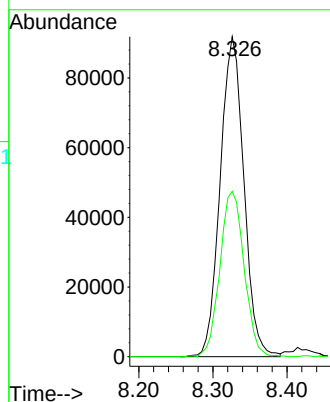
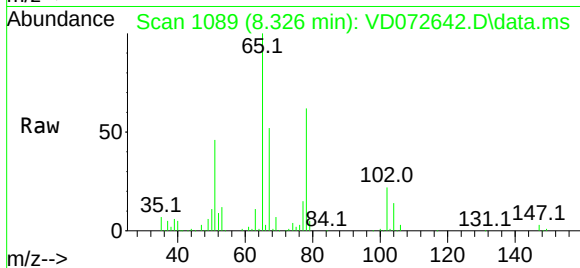
VD0420SBS01

Tgt Ion: 65 Resp: 204002

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

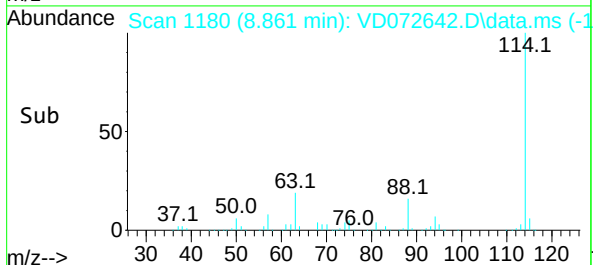
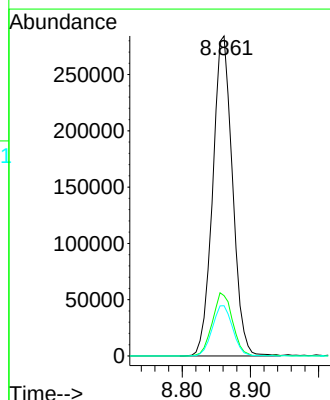
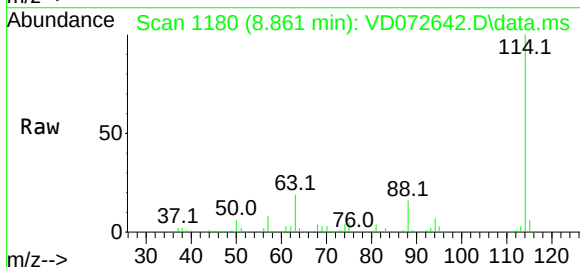
Tgt Ion: 114 Resp: 574187

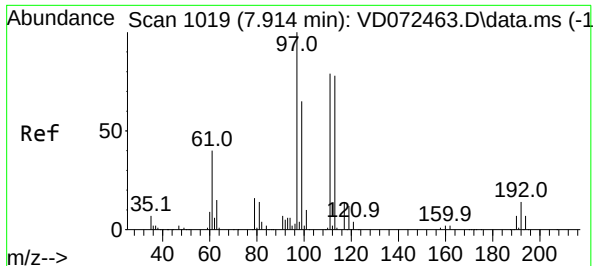
Ion Ratio Lower Upper

114 100

63 18.8 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.402 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBSD01

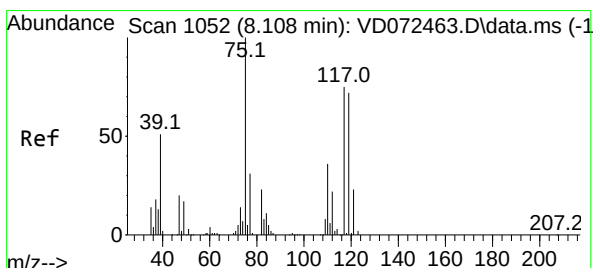
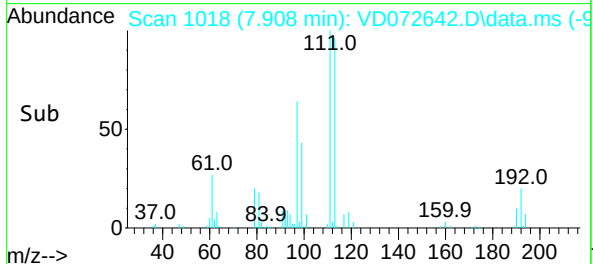
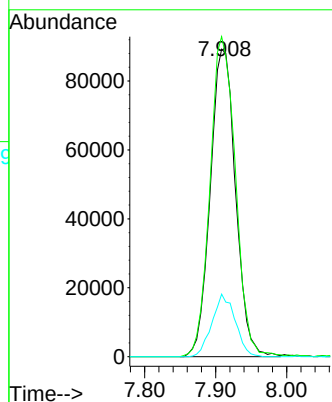
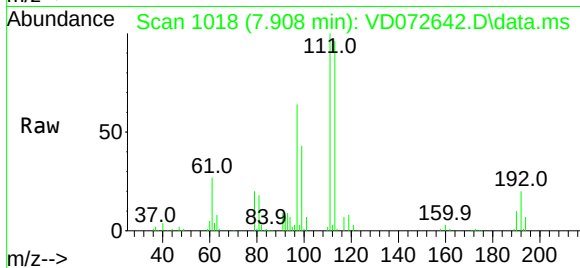
Tgt Ion:113 Resp: 220443

Ion Ratio Lower Upper

113 100

111 104.8 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.758 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

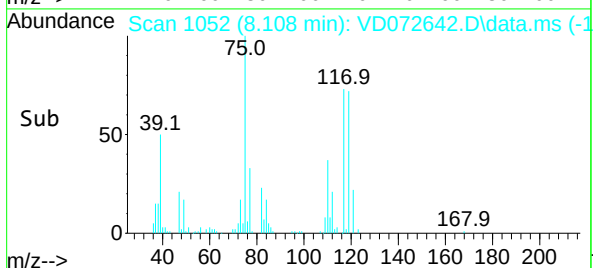
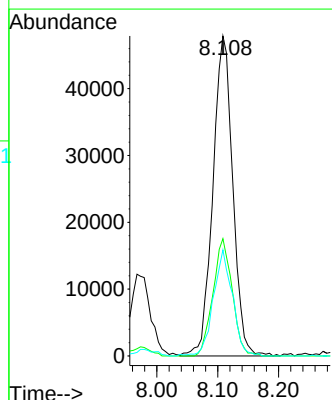
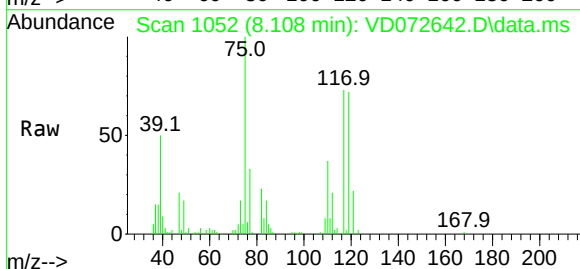
Tgt Ion: 75 Resp: 108702

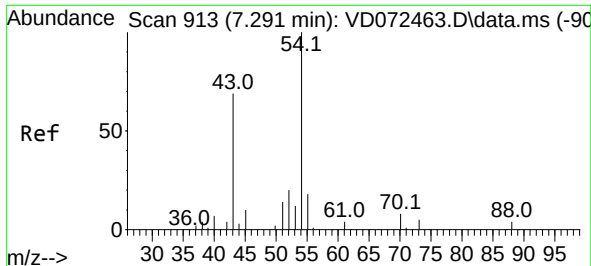
Ion Ratio Lower Upper

75 100

110 35.5 16.4 49.1

77 32.0 24.2 36.2





#37

Ethyl Acetate

Concen: 22.906 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

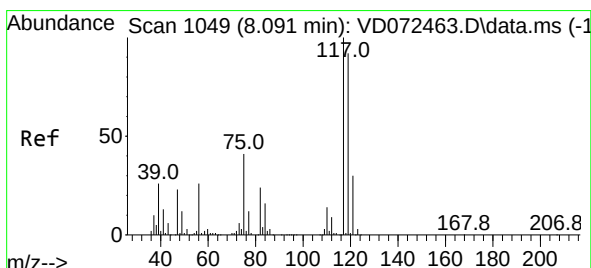
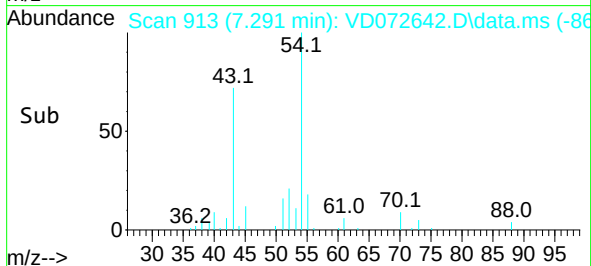
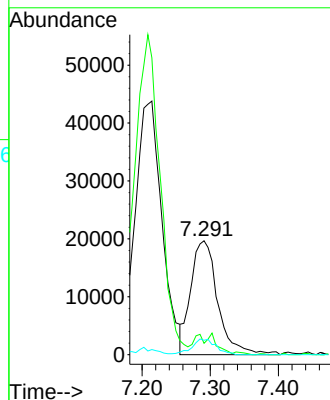
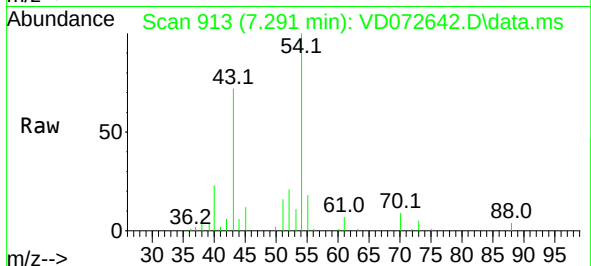
Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

Tgt Ion: 43	Resp: 54158
Ion Ratio	Lower Upper
43 100	
61 0.0	9.8 14.8#
70 12.3	6.9 10.3#



#38

Carbon Tetrachloride

Concen: 22.968 ug/l

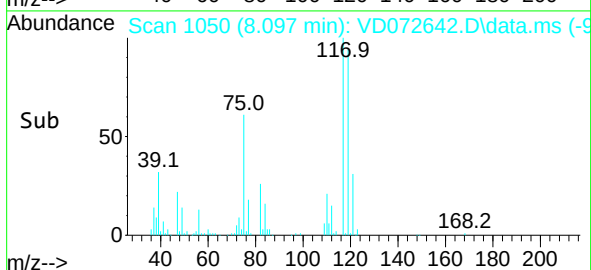
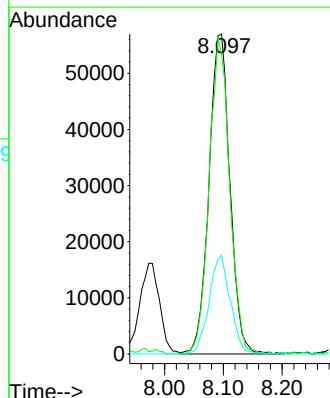
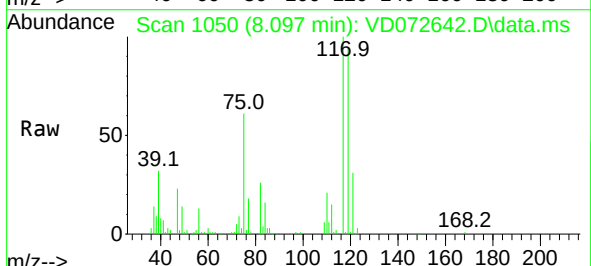
RT: 8.097 min Scan# 1050

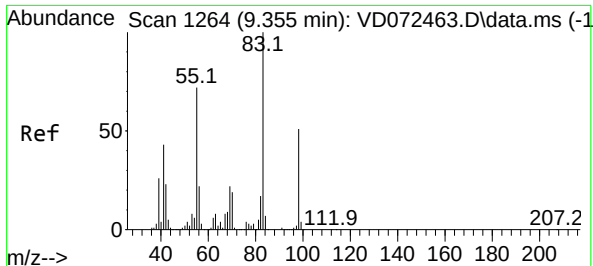
Delta R.T. 0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Tgt Ion: 117	Resp: 141193
Ion Ratio	Lower Upper
117 100	
119 93.6	75.8 113.6
121 31.0	24.5 36.7





#39

Methylcyclohexane

Concen: 18.220 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBSD01

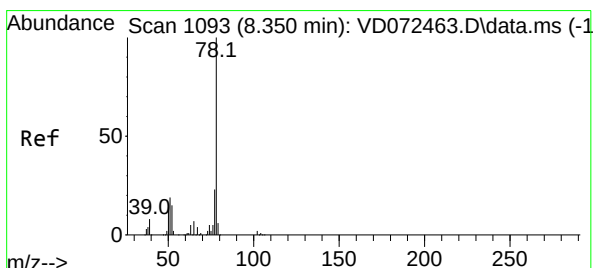
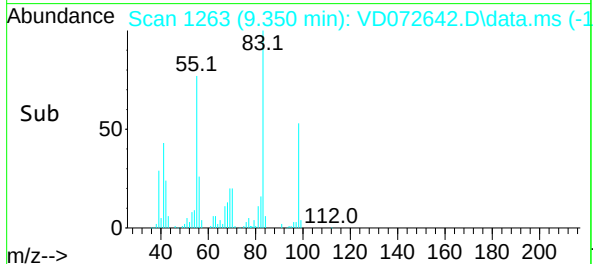
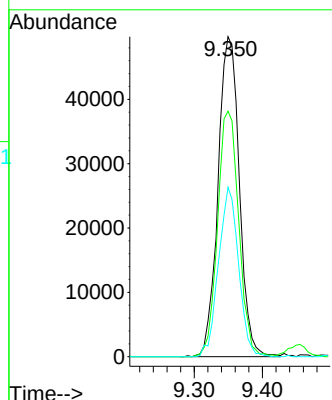
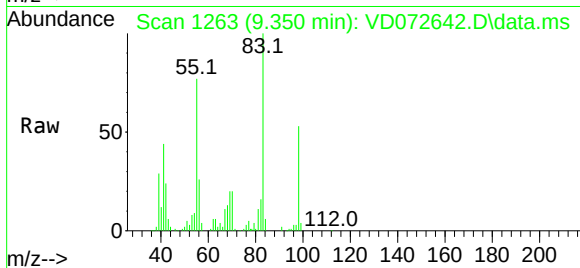
Tgt Ion: 83 Resp: 108118

Ion Ratio Lower Upper

83 100

55 76.7 63.2 94.8

98 53.0 38.2 57.4



#40

Benzene

Concen: 21.966 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072642.D

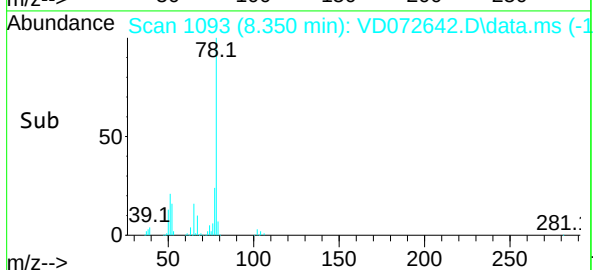
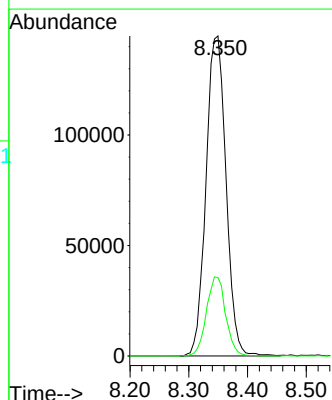
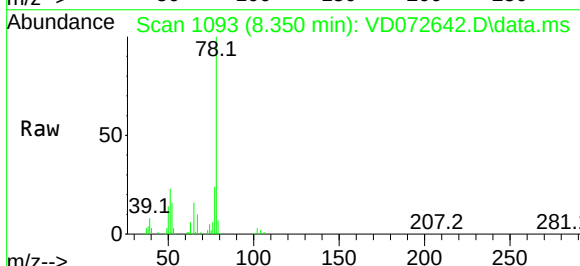
Acq: 20 Apr 2022 12:50

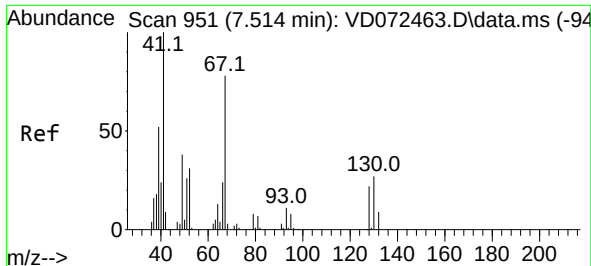
Tgt Ion: 78 Resp: 342316

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

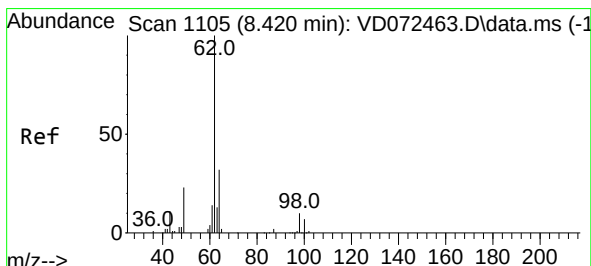
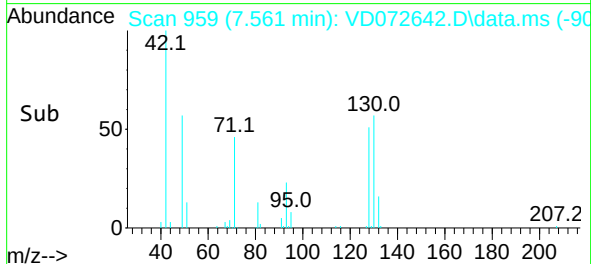
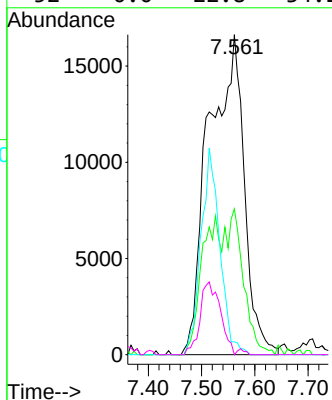
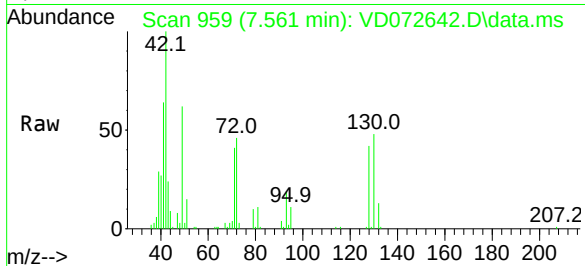




#41
Methacrylonitrile
Concen: 55.055 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.047 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

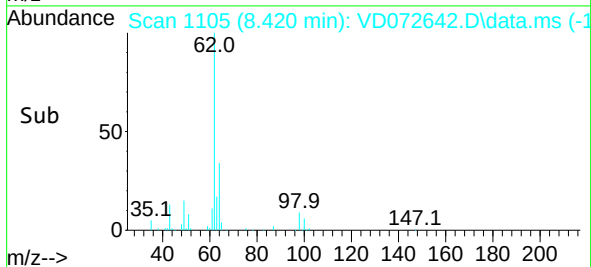
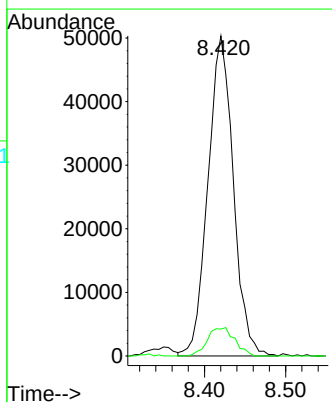
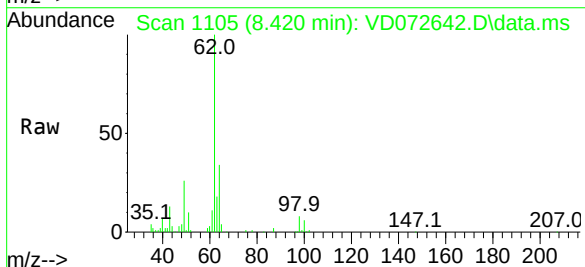
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

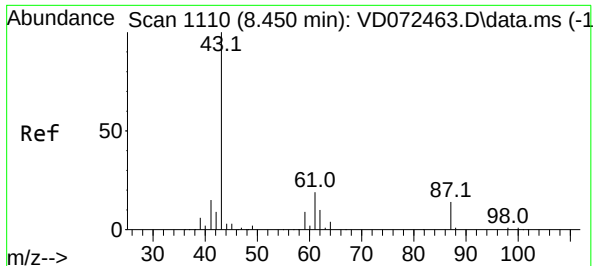
Tgt Ion: 41 Resp: 76315
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 22.949 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 62 Resp: 109310
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.6

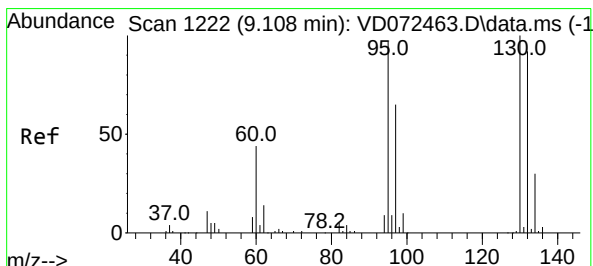
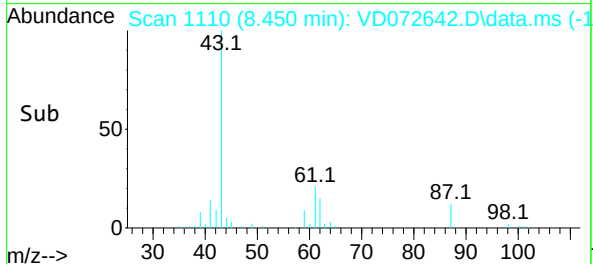
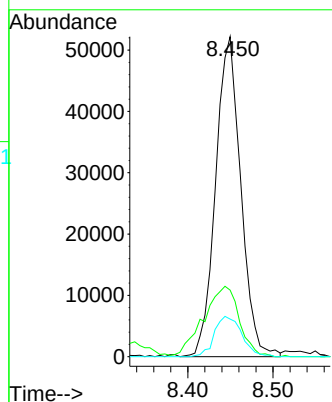
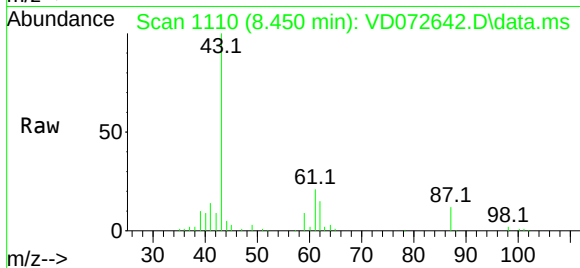




#43
Isopropyl Acetate
Concen: 23.667 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

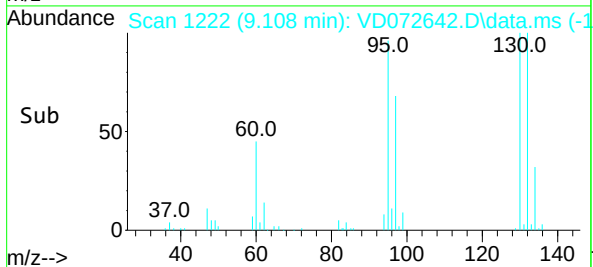
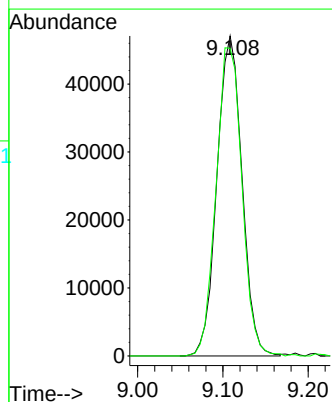
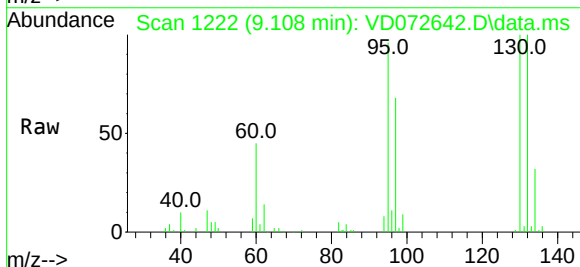
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

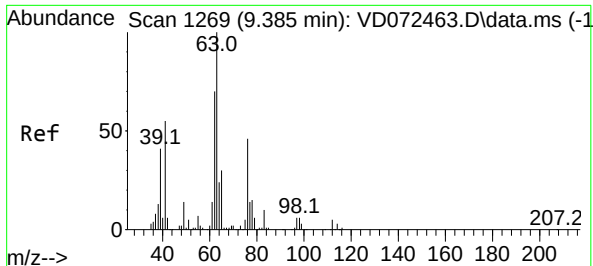
Tgt Ion: 43 Resp: 107339
Ion Ratio Lower Upper
43 100
61 31.3 22.4 33.6
87 13.7 8.7 13.1#



#44
Trichloroethene
Concen: 21.746 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion:130 Resp: 96211
Ion Ratio Lower Upper
130 100
95 96.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 23.645 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

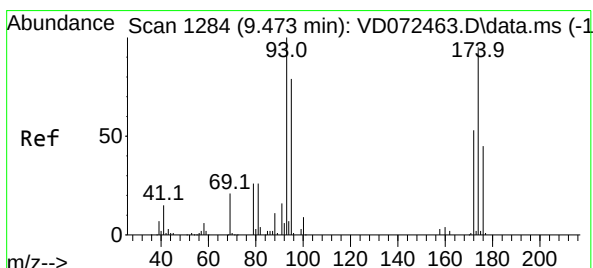
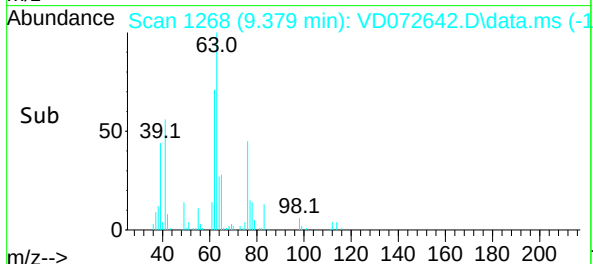
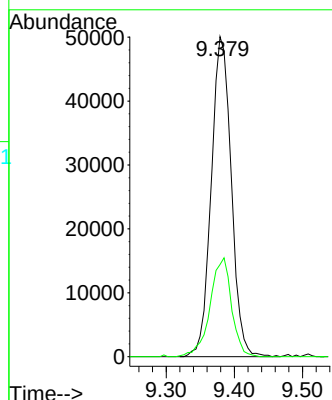
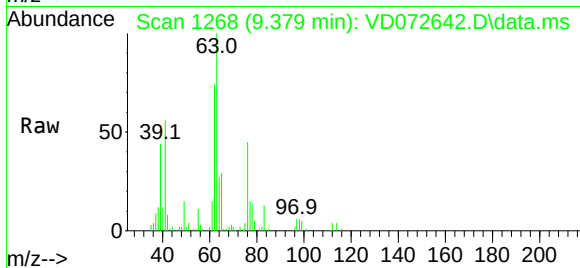
VD0420SBS01

Tgt Ion: 63 Resp: 102503

Ion Ratio Lower Upper

63 100

65 28.8 26.2 39.4



#46

Dibromomethane

Concen: 23.397 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

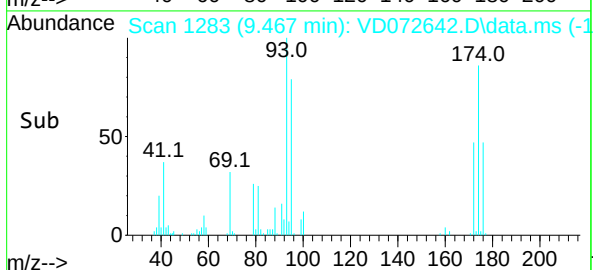
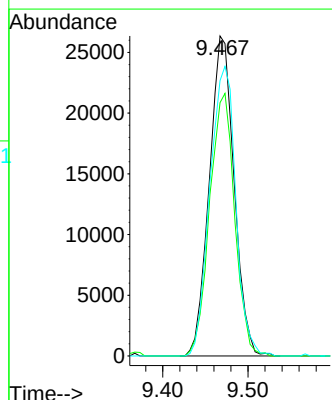
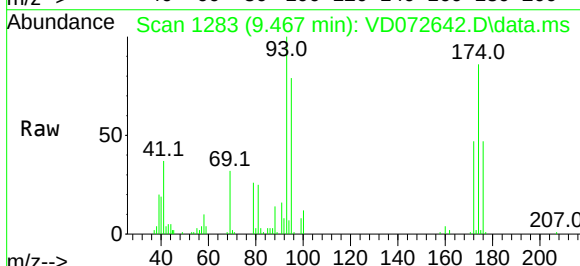
Tgt Ion: 93 Resp: 53213

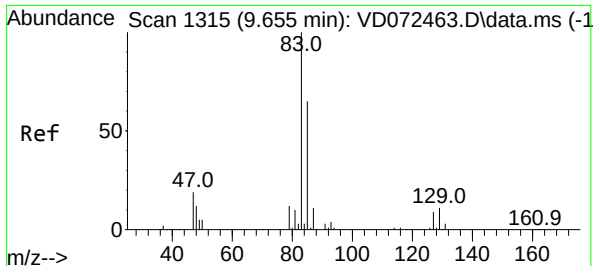
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 94.4 71.6 107.4

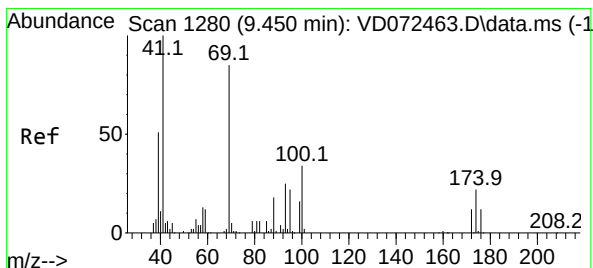
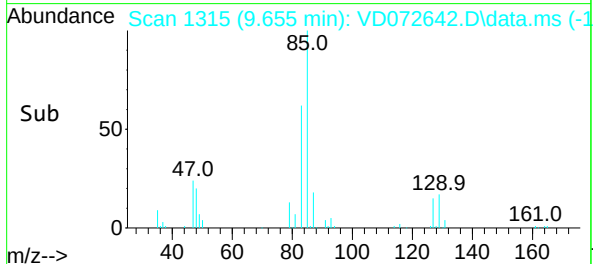
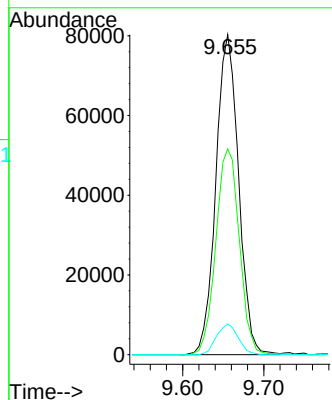
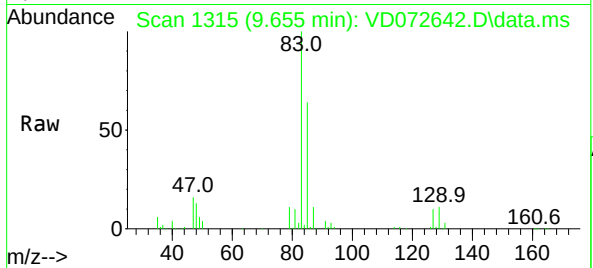




#47
Bromodichloromethane
Concen: 23.900 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

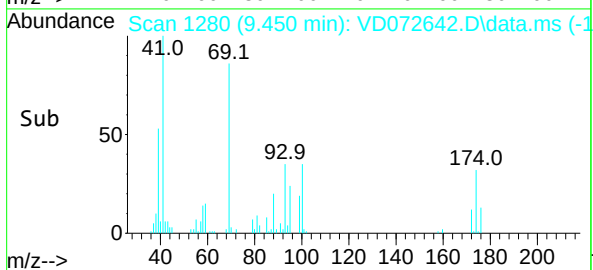
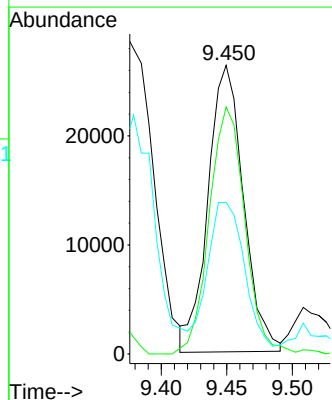
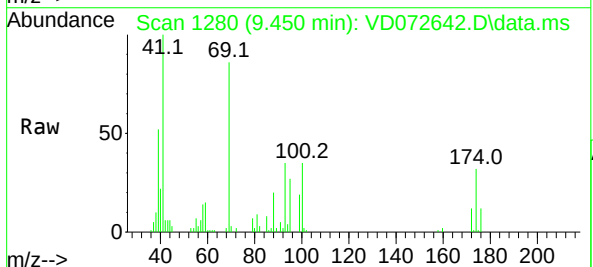
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

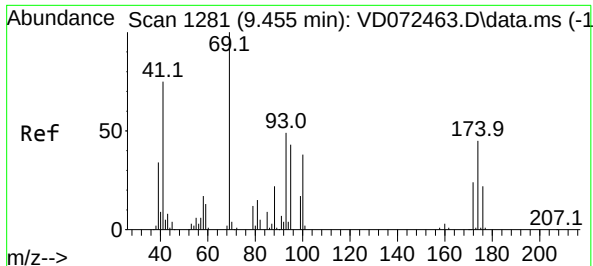
Tgt Ion: 83 Resp: 156167
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0
127 9.6 6.1 9.1#



#48
Methyl methacrylate
Concen: 22.472 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 41 Resp: 49481
Ion Ratio Lower Upper
41 100
69 86.3 56.7 85.1#
39 56.3 42.7 64.1





#49

1,4-Dioxane

Concen: 456.994 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBSD01

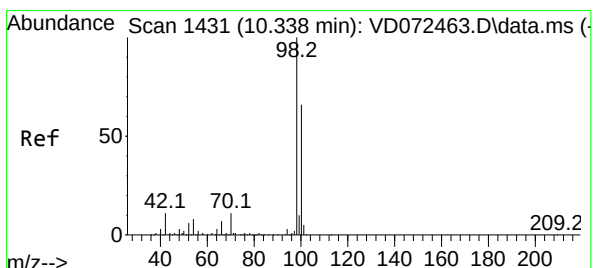
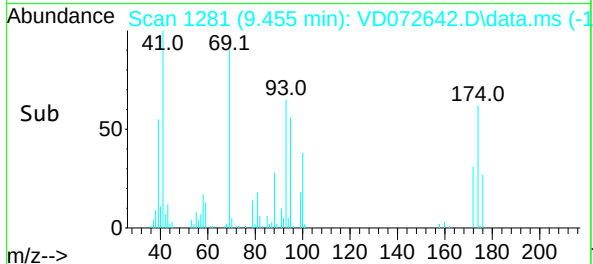
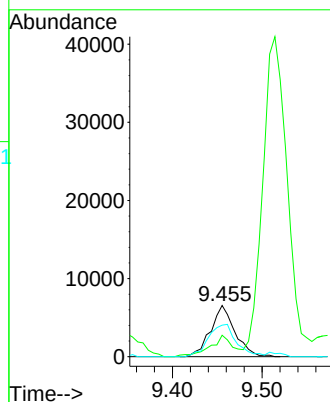
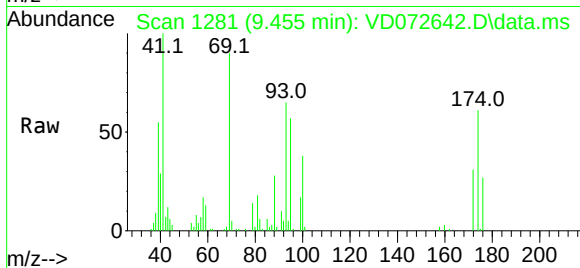
Tgt Ion: 88 Resp: 12364

Ion Ratio Lower Upper

88 100

43 39.5 31.0 46.4

58 72.6 58.1 87.1



#50

Toluene-d8

Concen: 47.987 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072642.D

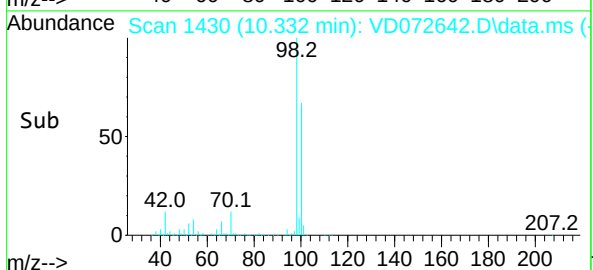
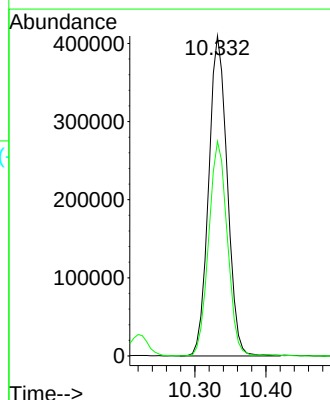
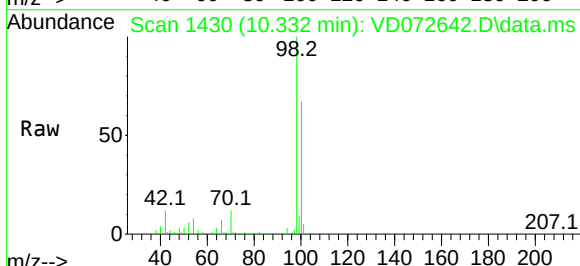
Acq: 20 Apr 2022 12:50

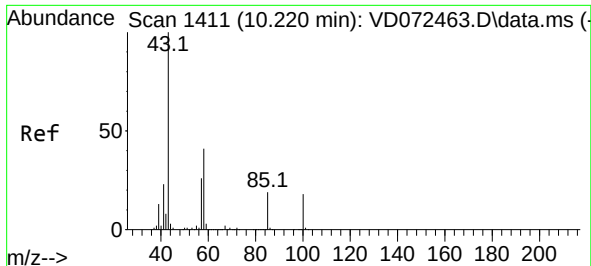
Tgt Ion: 98 Resp: 744333

Ion Ratio Lower Upper

98 100

100 66.8 52.4 78.6

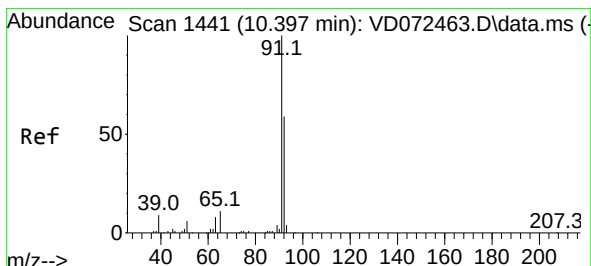
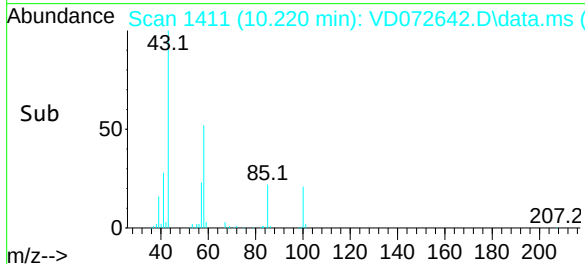
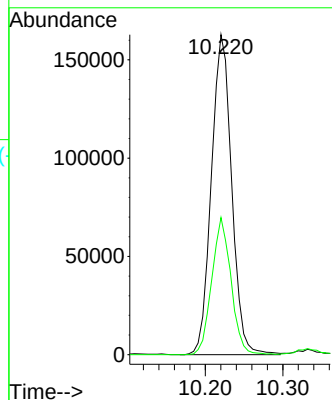
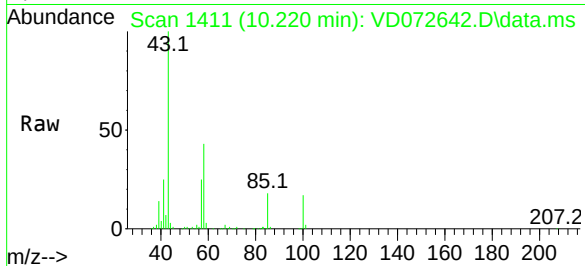




#51
4-Methyl-2-Pentanone
Concen: 121.744 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

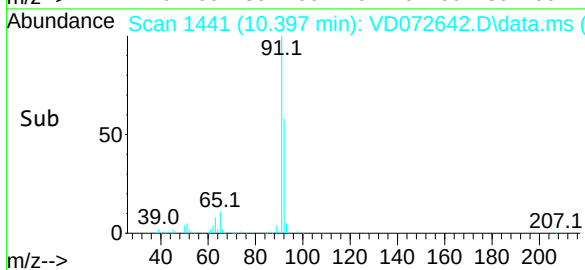
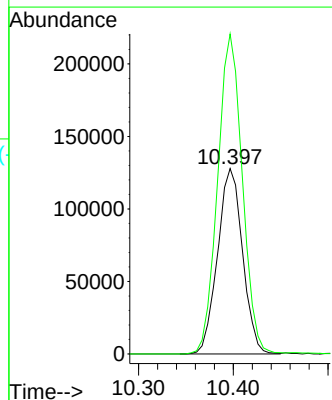
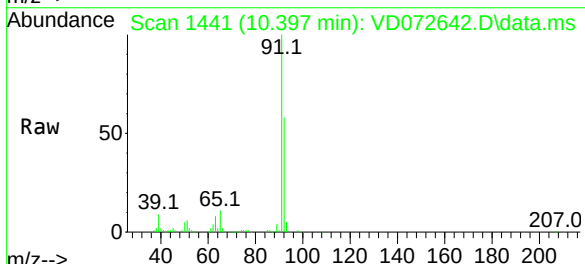
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

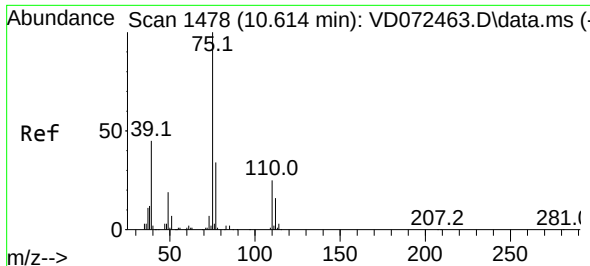
Tgt Ion: 43 Resp: 296273
Ion Ratio Lower Upper
43 100
58 40.6 28.6 43.0



#52
Toluene
Concen: 22.639 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 92 Resp: 234379
Ion Ratio Lower Upper
92 100
91 170.2 139.6 209.4

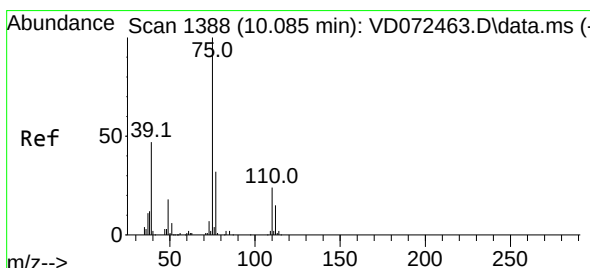
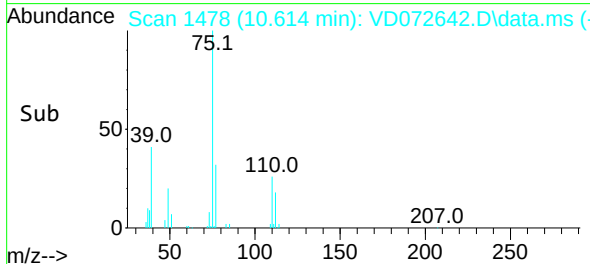
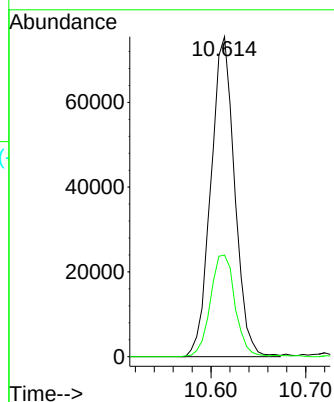
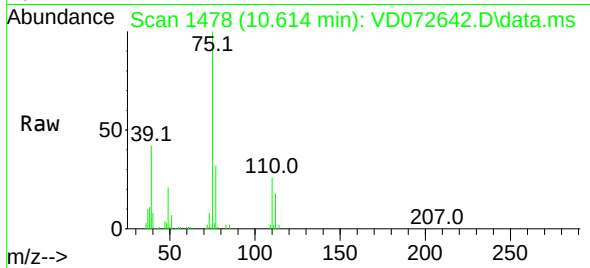




#53
 t-1,3-Dichloropropene
 Concen: 23.103 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

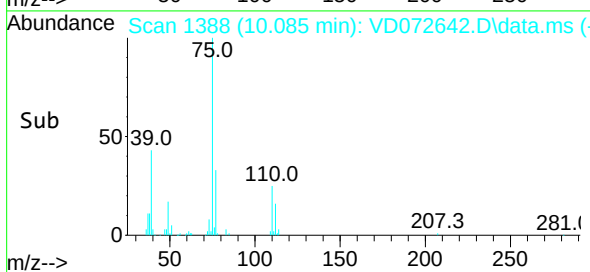
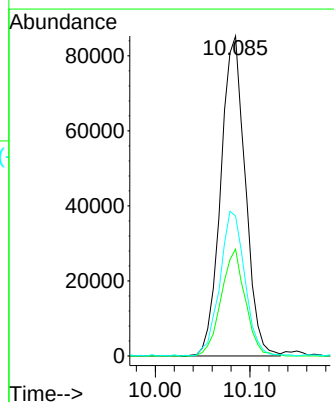
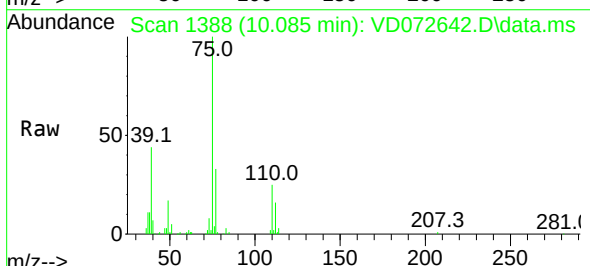
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBS01

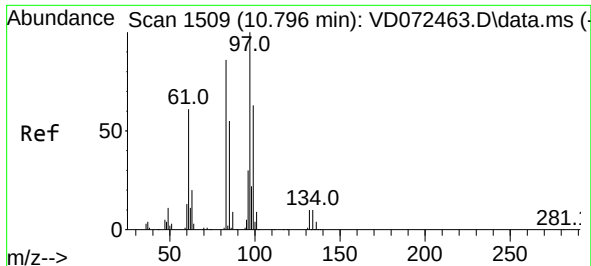
Tgt Ion: 75 Resp: 131548
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 22.769 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

Tgt Ion: 75 Resp: 153277
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.8 37.2
 39 43.8 46.8 70.2#

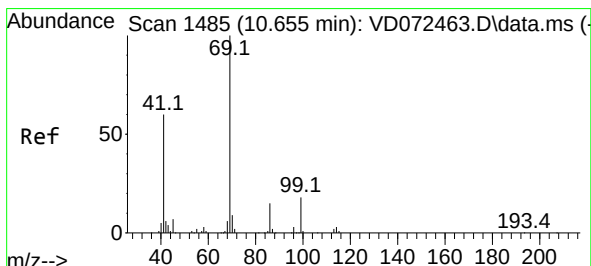
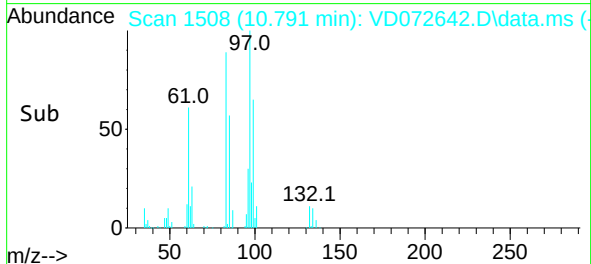
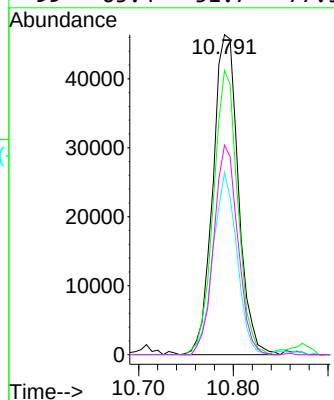
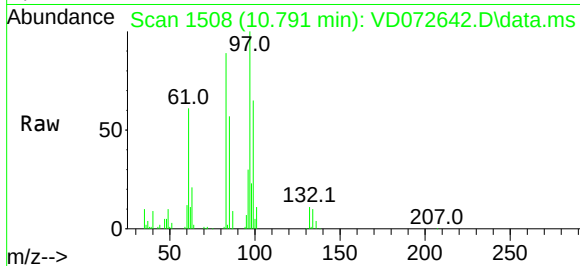




#55
1,1,2-Trichloroethane
Concen: 25.155 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

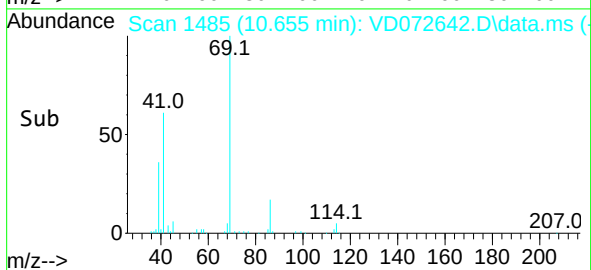
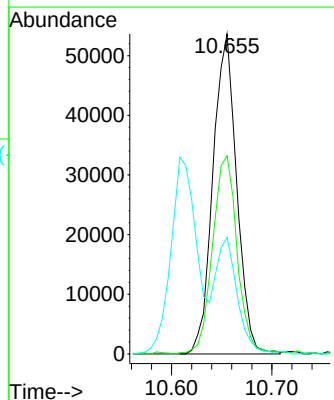
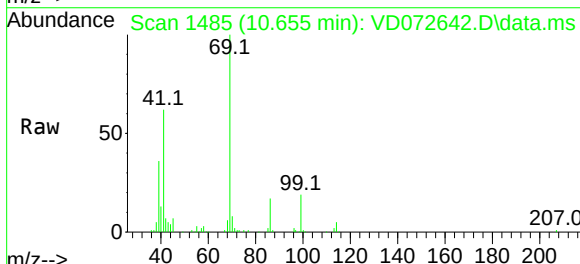
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

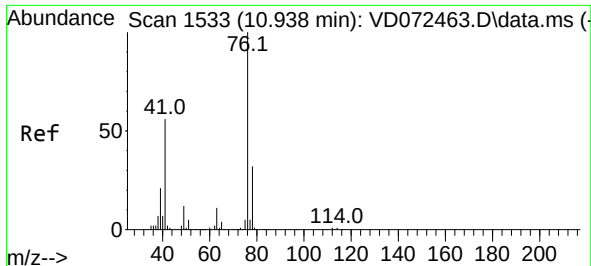
Tgt Ion: 97	Resp: 86735
Ion Ratio	Lower Upper
97 100	
83 88.8	69.0 103.4
85 56.9	42.6 63.8
99 65.4	51.7 77.5



#56
Ethyl methacrylate
Concen: 21.549 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 69	Resp: 88418
Ion Ratio	Lower Upper
69 100	
41 64.2	63.0 94.6
39 32.0	33.8 50.8#





#57

1,3-Dichloropropane

Concen: 23.263 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

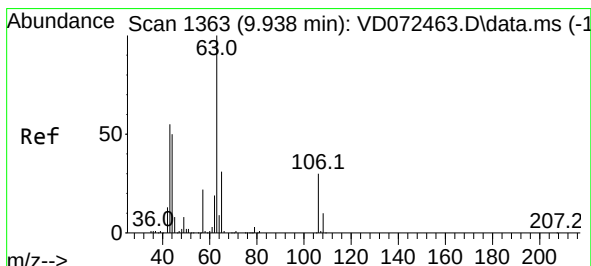
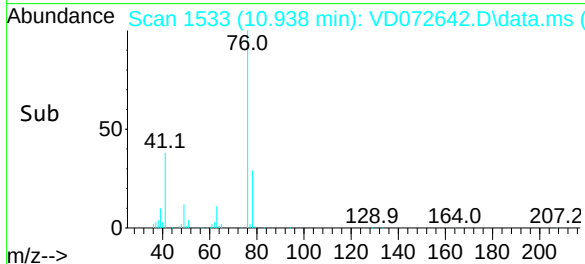
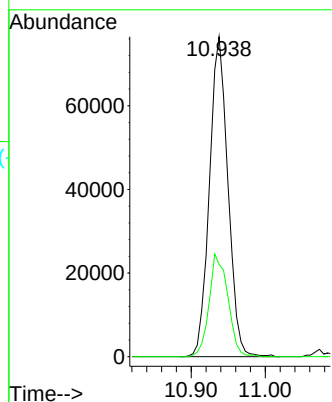
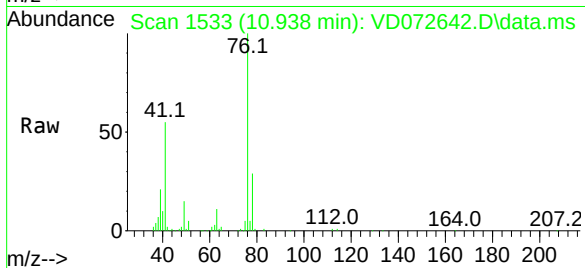
VD0420SBS01

Tgt Ion: 76 Resp: 132605

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 115.879 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072642.D

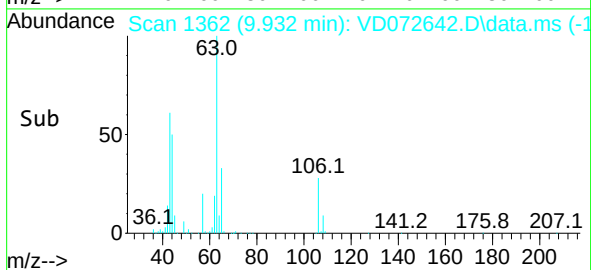
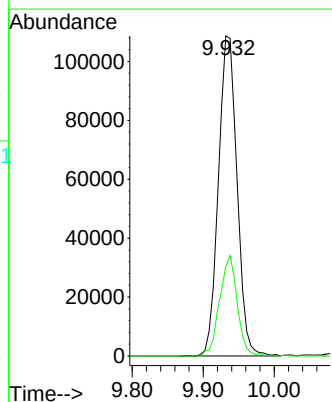
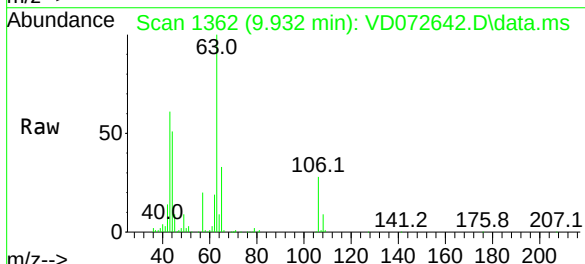
Acq: 20 Apr 2022 12:50

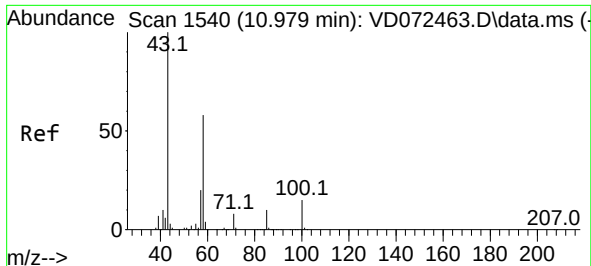
Tgt Ion: 63 Resp: 197263

Ion Ratio Lower Upper

63 100

106 29.6 21.4 32.0

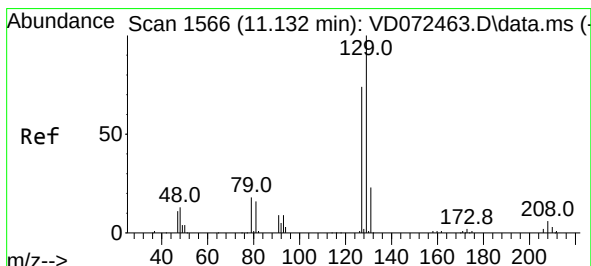
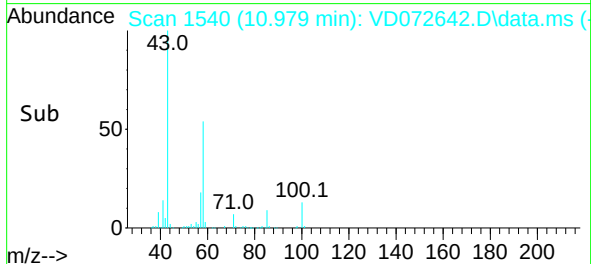
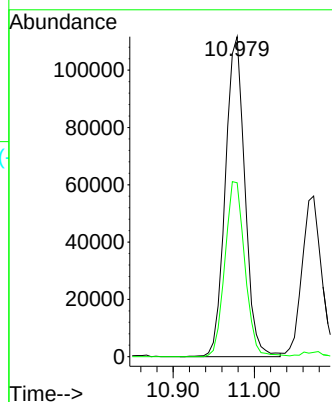
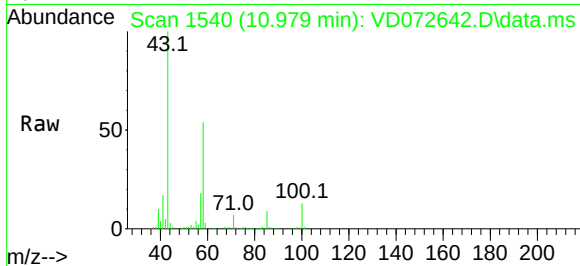




#59
2-Hexanone
Concen: 112.961 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

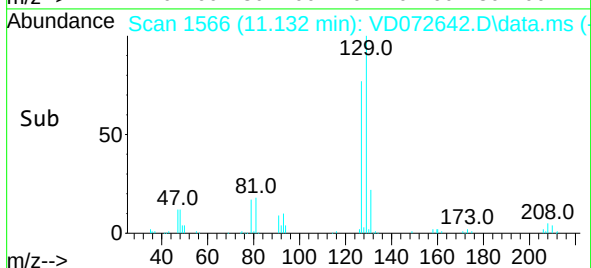
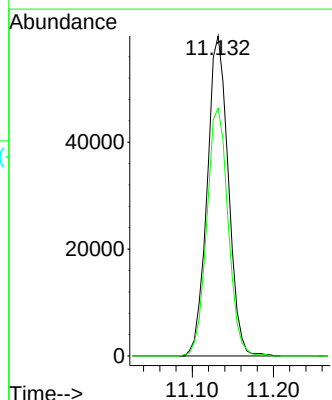
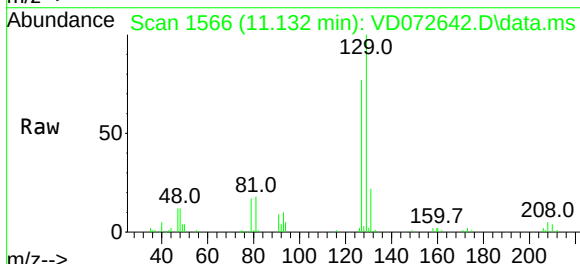
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

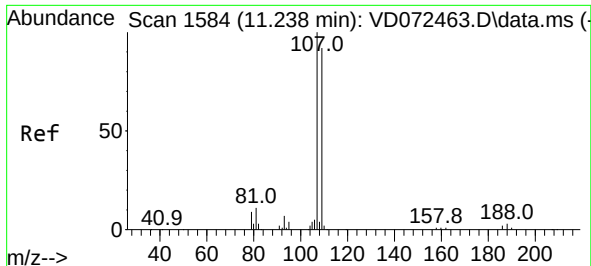
Tgt Ion: 43 Resp: 186937
Ion Ratio Lower Upper
43 100
58 55.9 25.3 75.9



#60
Dibromochloromethane
Concen: 24.372 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 129 Resp: 108402
Ion Ratio Lower Upper
129 100
127 78.0 39.2 117.6

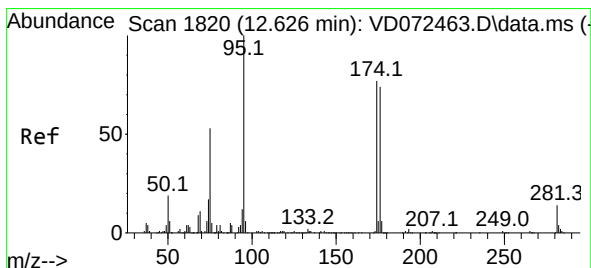
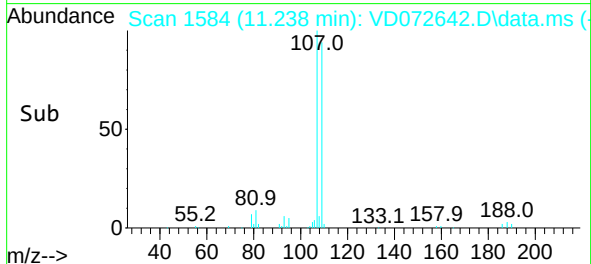
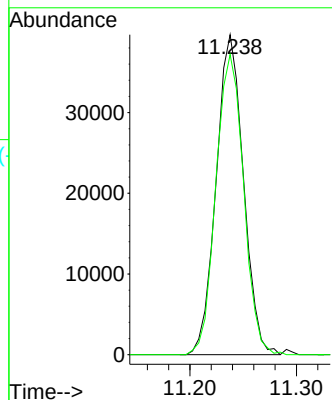
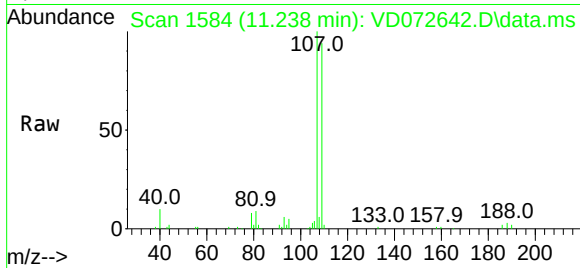




#61
1,2-Dibromoethane
Concen: 23.012 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

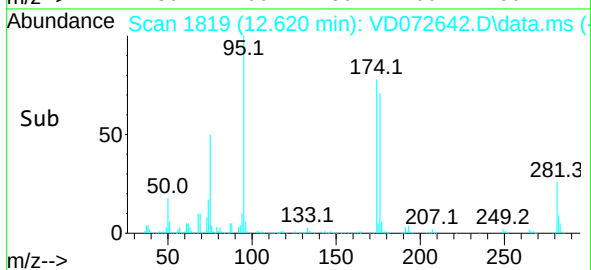
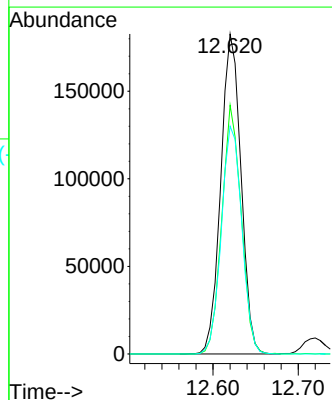
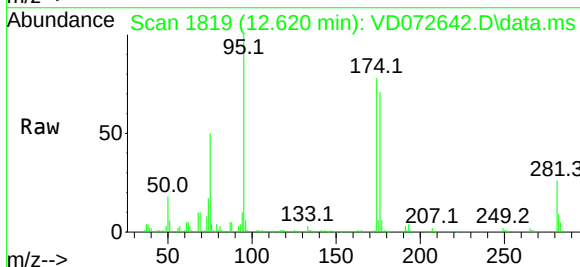
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

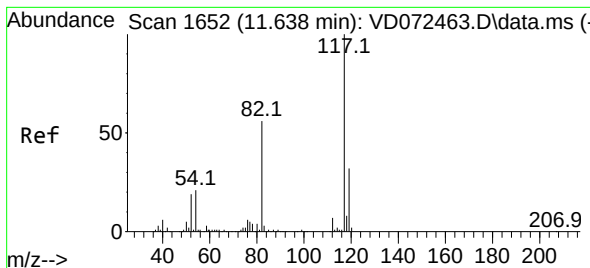
Tgt Ion:107 Resp: 70449
Ion Ratio Lower Upper
107 100
109 95.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.693 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 95 Resp: 301026
Ion Ratio Lower Upper
95 100
174 74.6 0.0 152.8
176 72.3 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

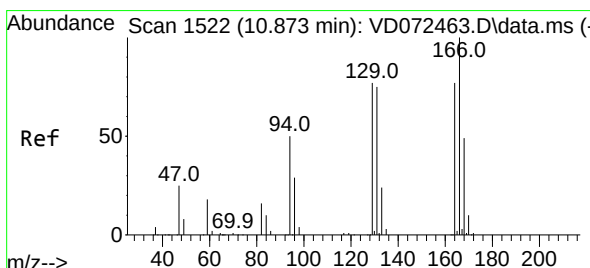
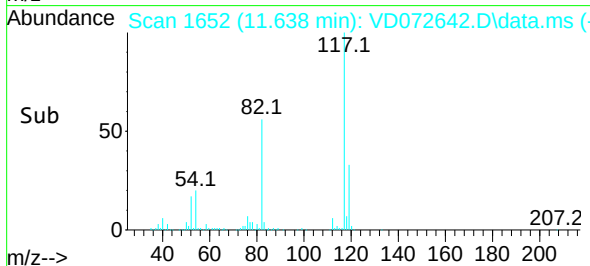
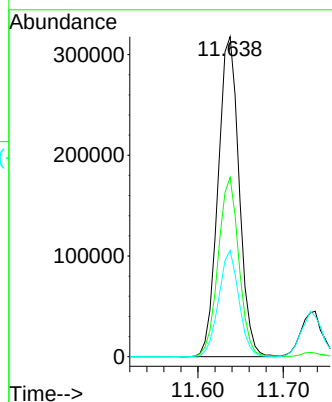
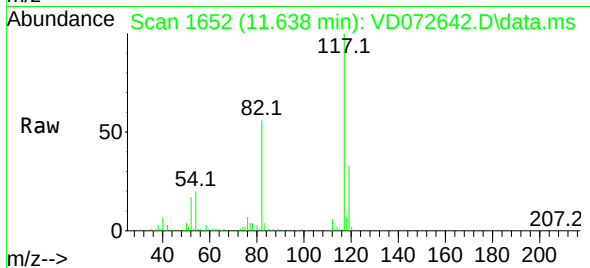
Tgt Ion:117 Resp: 546299

Ion Ratio Lower Upper

117 100

82 56.1 45.3 67.9

119 33.2 26.6 40.0



#64

Tetrachloroethene

Concen: 21.696 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Tgt Ion:164 Resp: 77440

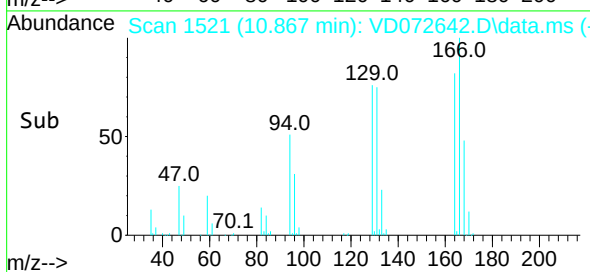
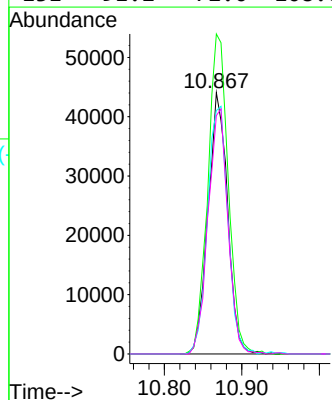
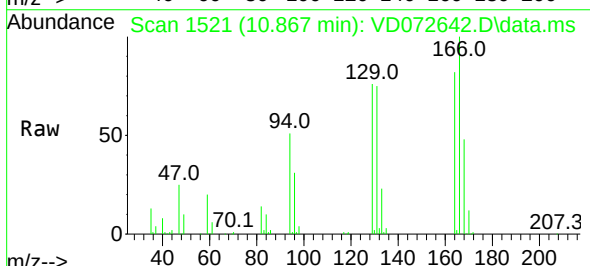
Ion Ratio Lower Upper

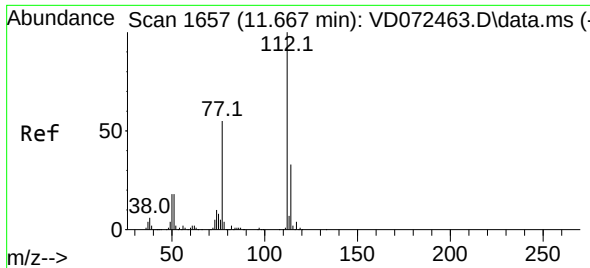
164 100

166 122.4 98.5 147.7

129 93.1 74.6 111.8

131 91.2 72.0 108.0

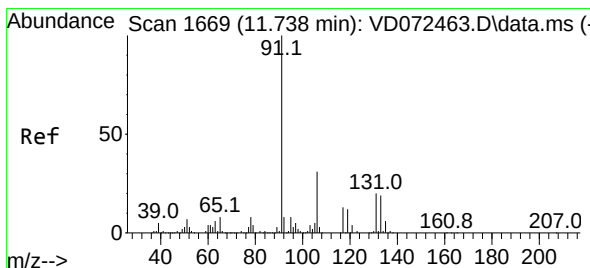
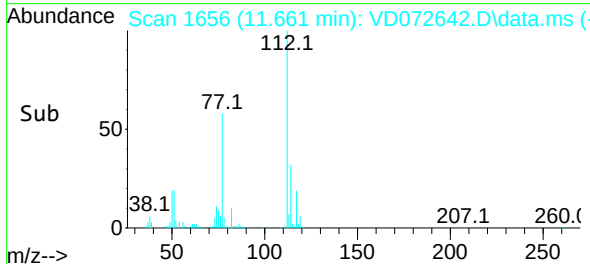
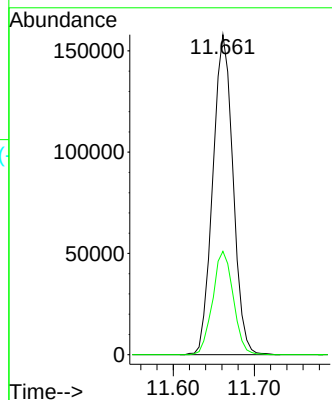
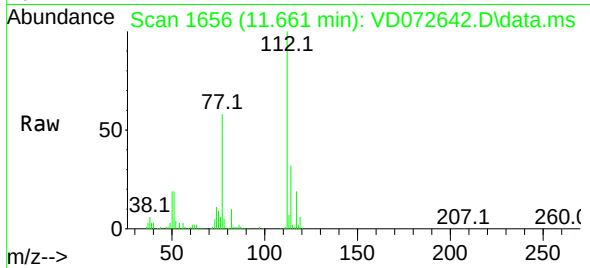




#65
Chlorobenzene
Concen: 22.381 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

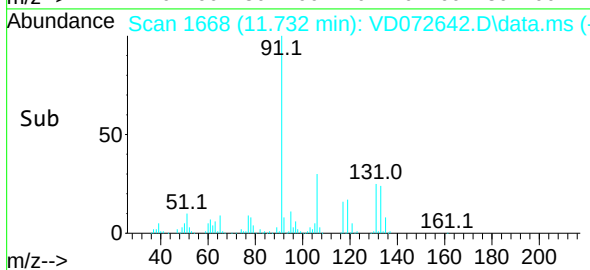
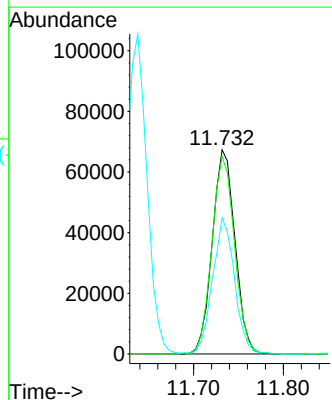
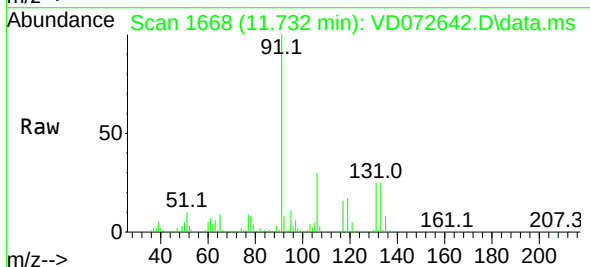
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

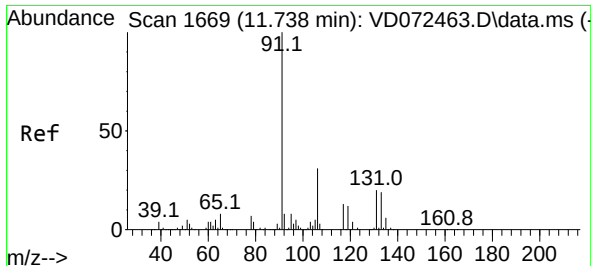
Tgt Ion:112 Resp: 273357
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 24.236 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion:131 Resp: 118346
Ion Ratio Lower Upper
131 100
133 96.9 48.1 144.3
119 64.7 31.9 95.9

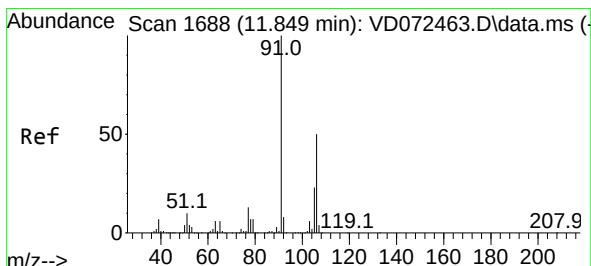
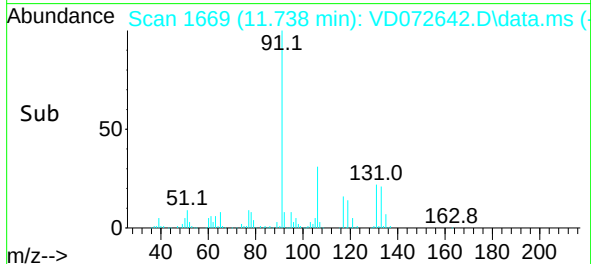
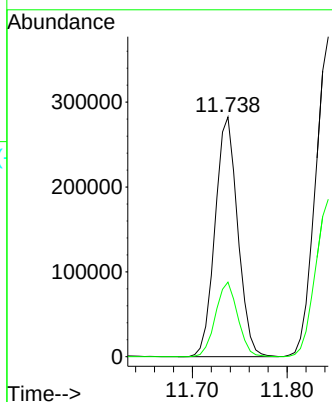
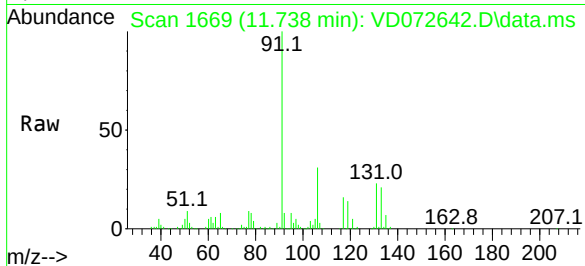




#67
Ethyl Benzene
Concen: 22.036 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

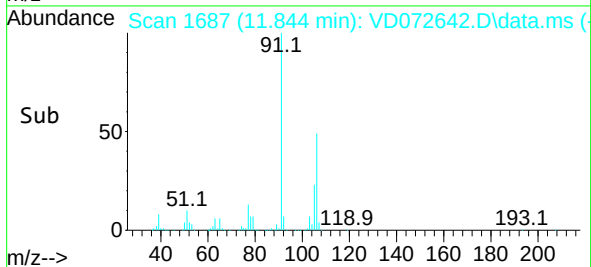
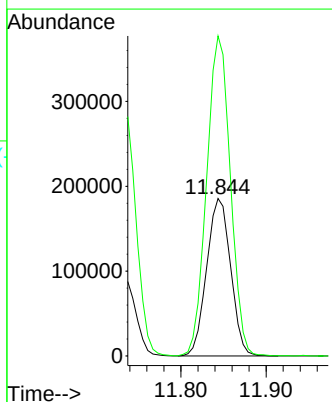
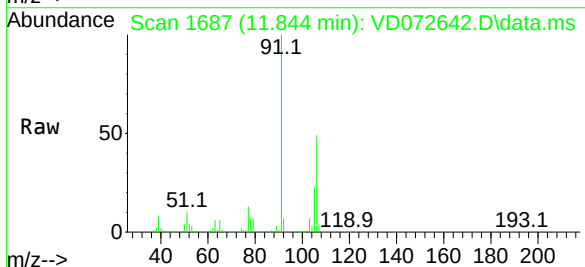
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

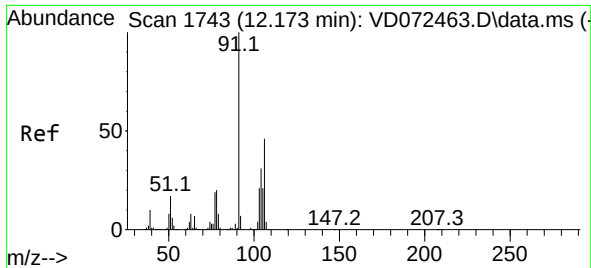
Tgt Ion: 91 Resp: 469633
Ion Ratio Lower Upper
91 100
106 31.1 24.2 36.4



#68
m/p-Xylenes
Concen: 44.873 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 106 Resp: 362813
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5

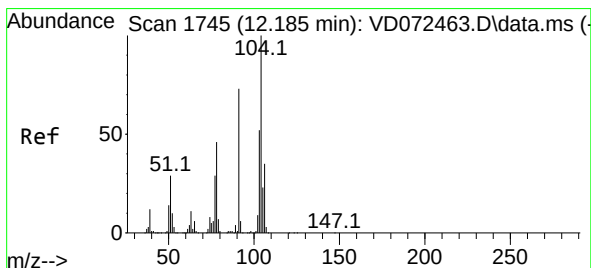
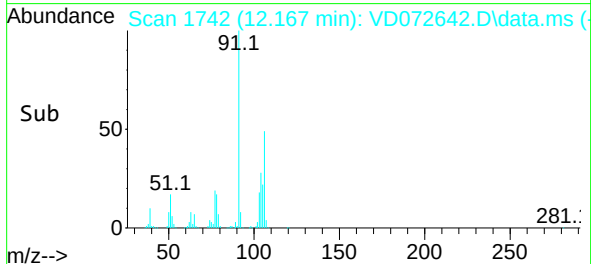
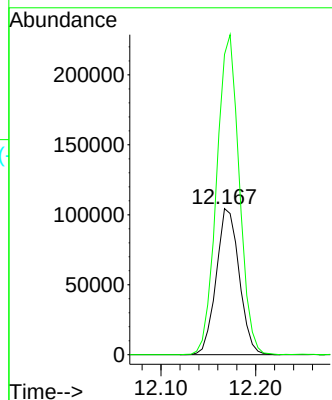
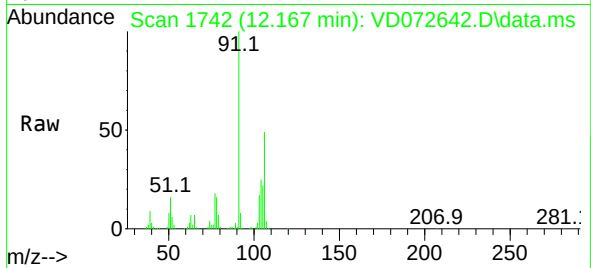




#69
o-Xylene
Concen: 22.528 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

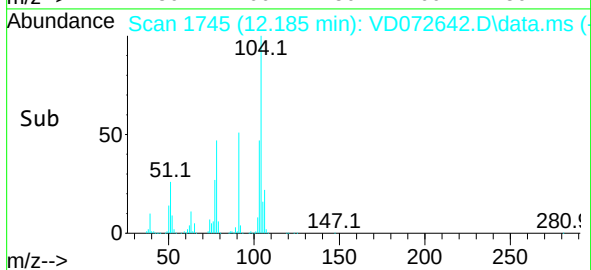
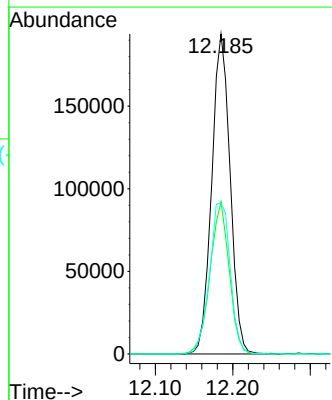
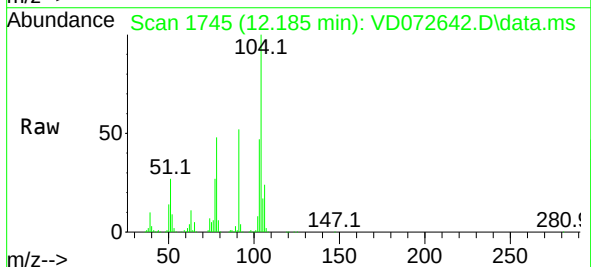
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

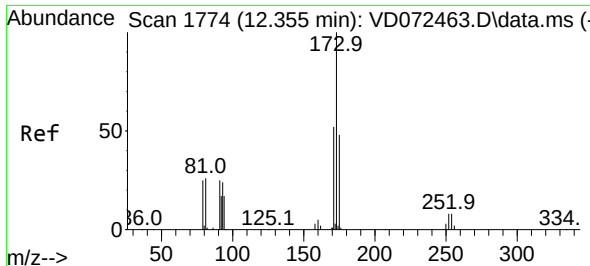
Tgt Ion:106 Resp: 175741
Ion Ratio Lower Upper
106 100
91 215.8 110.4 331.2



#70
Styrene
Concen: 23.288 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion:104 Resp: 320181
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 53.2 44.2 66.4

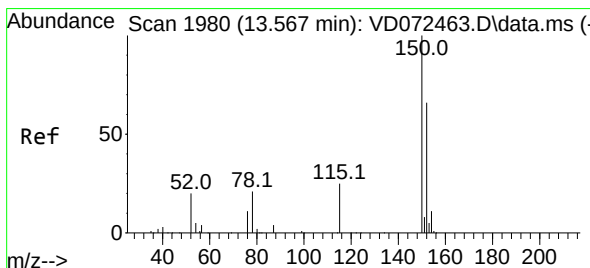
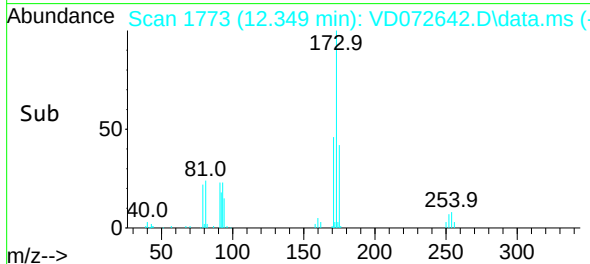
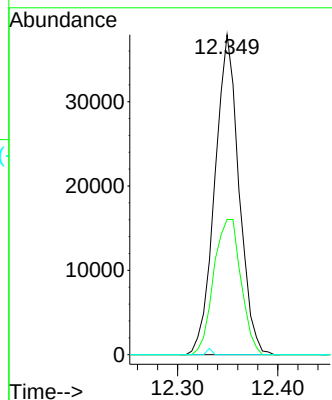
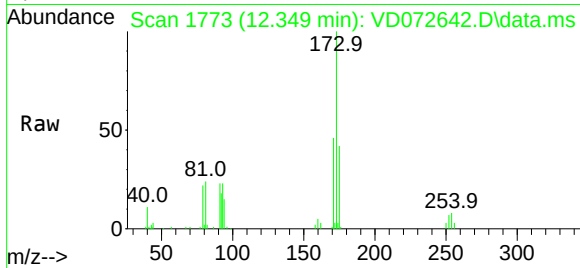




#71
Bromoform
Concen: 24.523 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

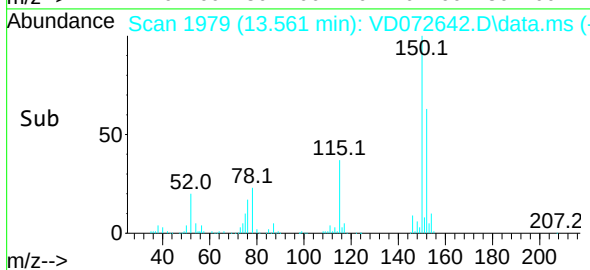
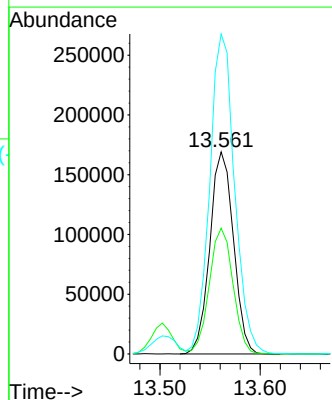
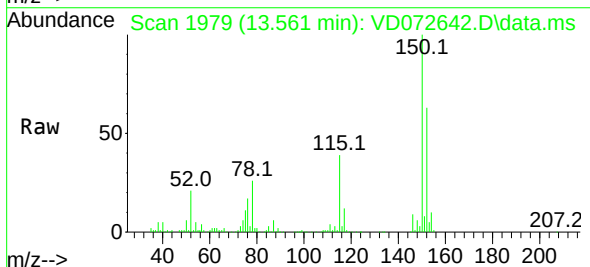
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

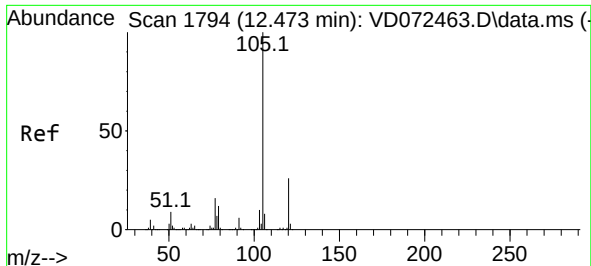
Tgt Ion:173 Resp: 63481
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion:152 Resp: 277108
Ion Ratio Lower Upper
152 100
115 62.6 31.3 93.8
150 166.7 0.0 348.6

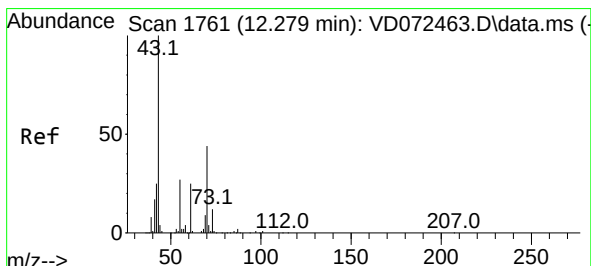
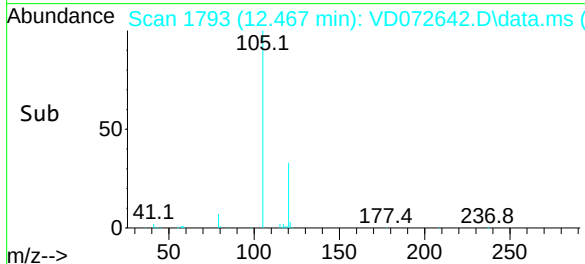
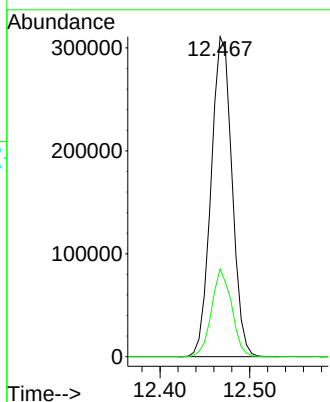
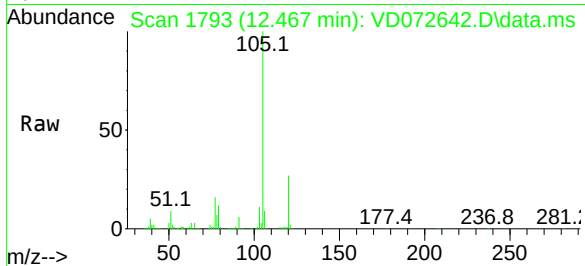




#73
Isopropylbenzene
Concen: 22.540 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

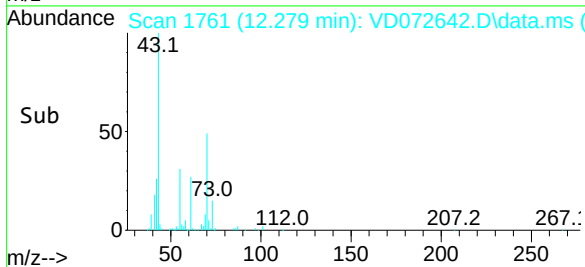
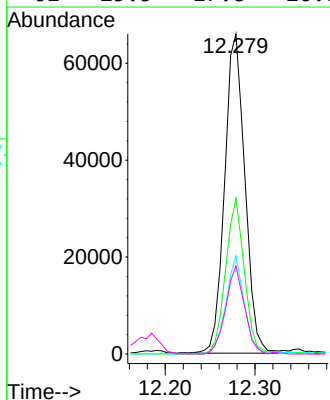
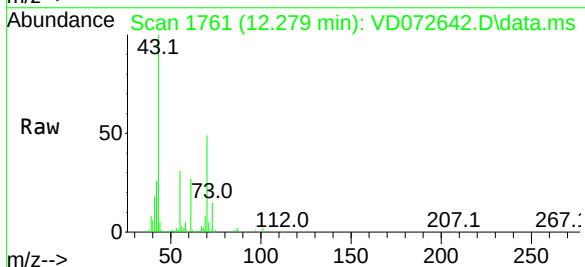
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBS01

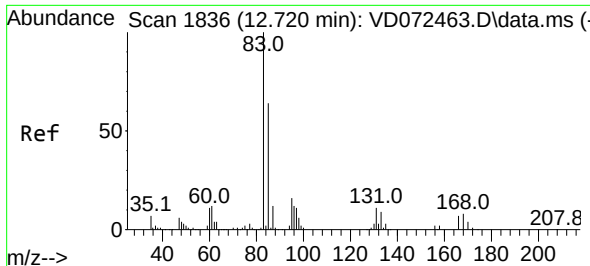
Tgt Ion:105 Resp: 504438
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 21.969 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 43 Resp: 103157
Ion Ratio Lower Upper
43 100
70 46.0 31.3 46.9
55 28.4 20.0 30.0
61 25.5 17.8 26.8

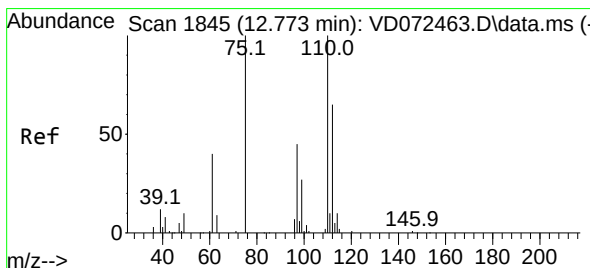
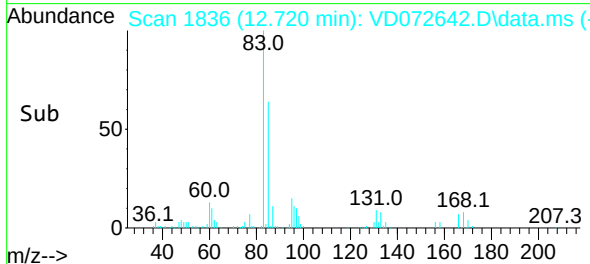
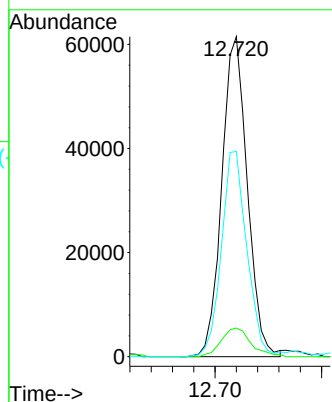
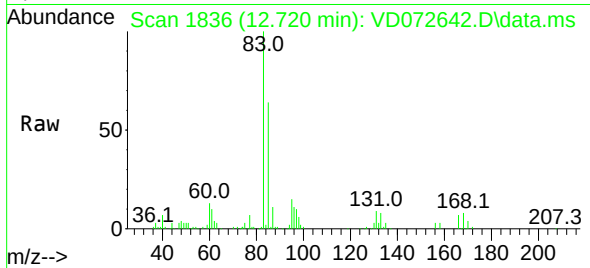




#75
 1,1,2,2-Tetrachloroethane
 Concen: 24.083 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

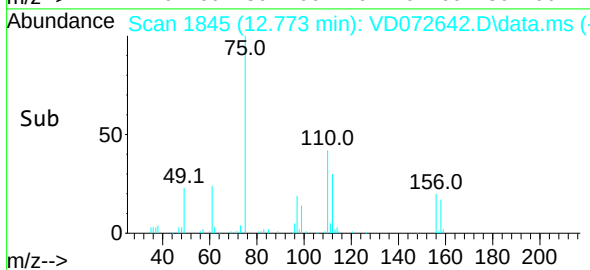
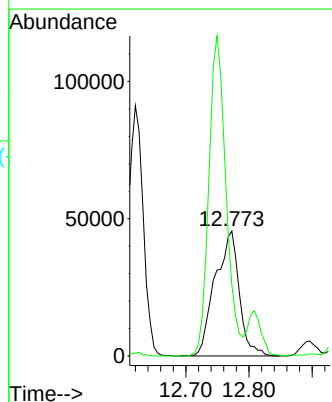
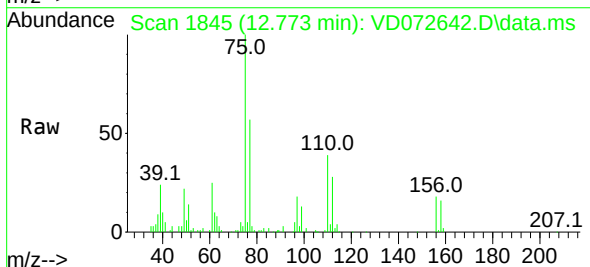
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBSD01

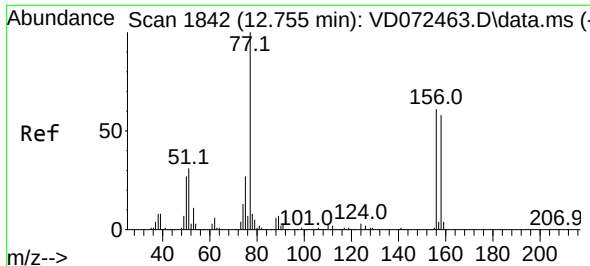
Tgt Ion: 83 Resp: 102087
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 63.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 39.937 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

Tgt Ion: 75 Resp: 120702
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

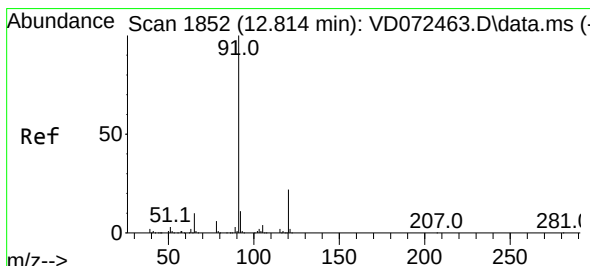
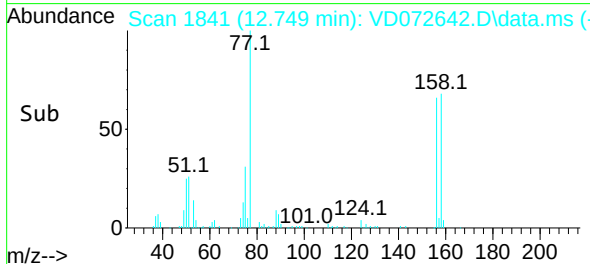
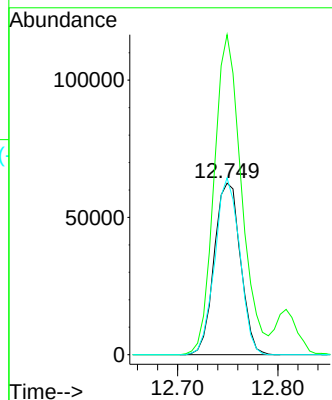
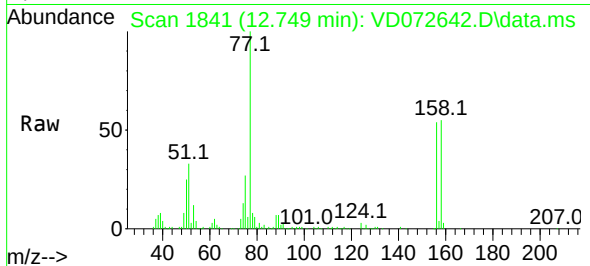




#77
Bromobenzene
Concen: 22.603 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

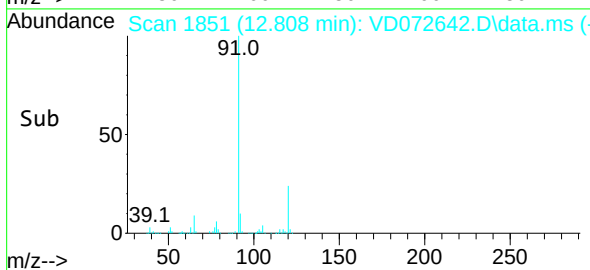
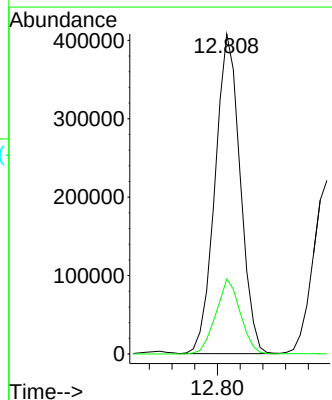
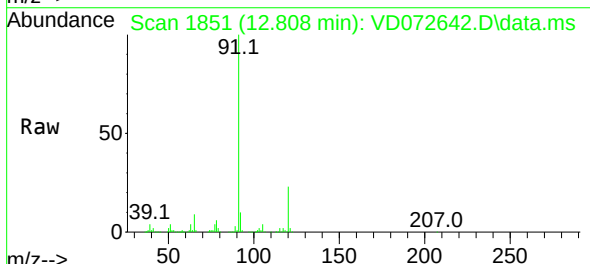
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

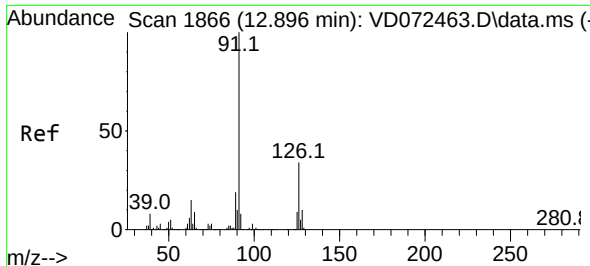
Tgt Ion:156 Resp: 113378
Ion Ratio Lower Upper
156 100
77 195.0 102.8 308.3
158 97.8 48.7 146.1



#78
n-propylbenzene
Concen: 23.215 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 91 Resp: 626756
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9

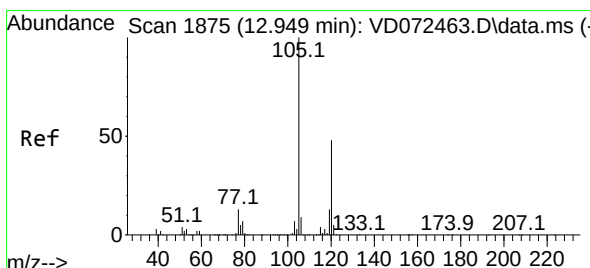
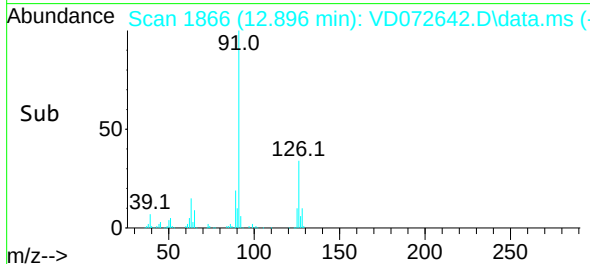
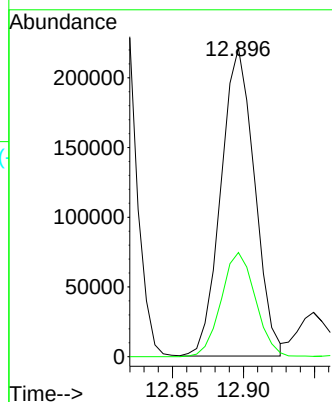
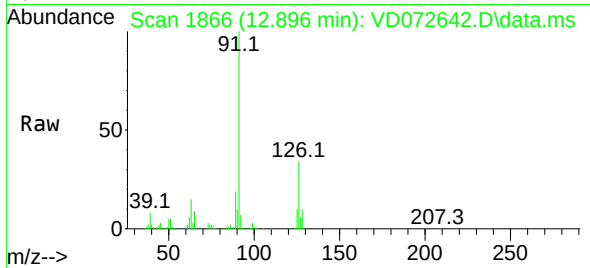




#79
2-Chlorotoluene
Concen: 23.085 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

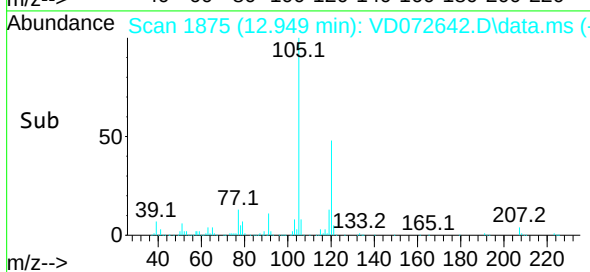
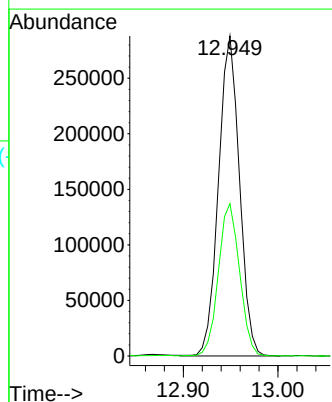
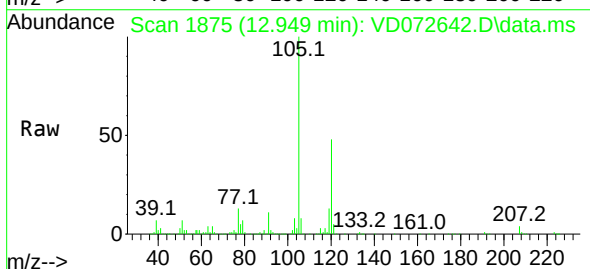
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

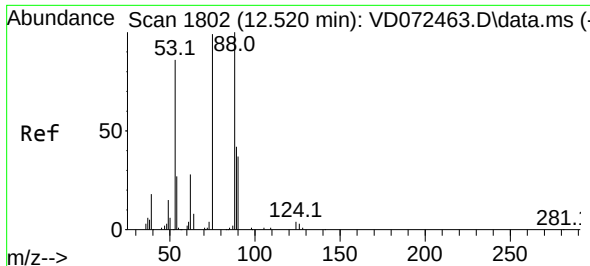
Tgt Ion: 91 Resp: 364486
Ion Ratio Lower Upper
91 100
126 34.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 23.129 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 105 Resp: 443317
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

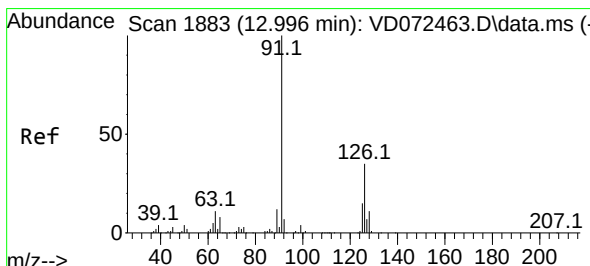
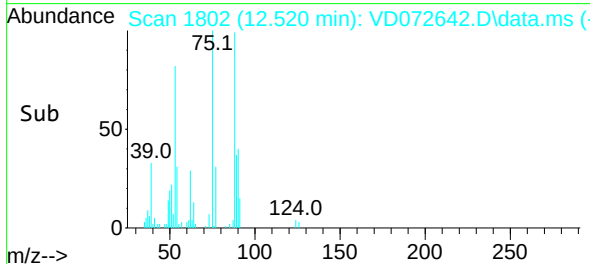
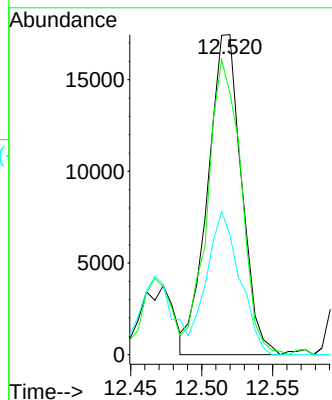
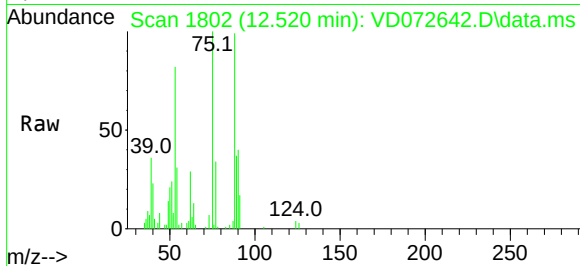




#81
trans-1,4-Dichloro-2-butene
Concen: 23.442 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

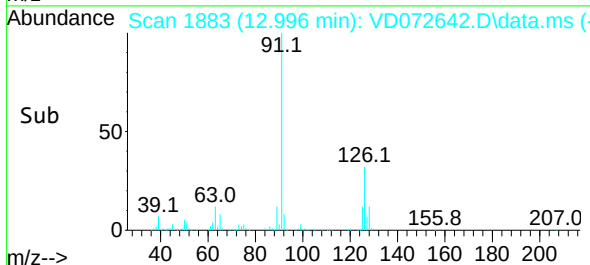
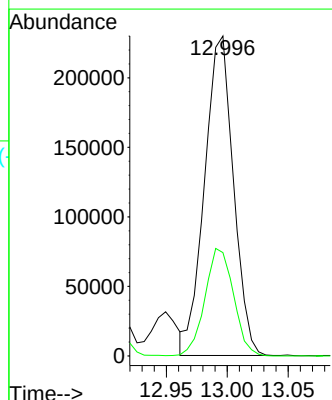
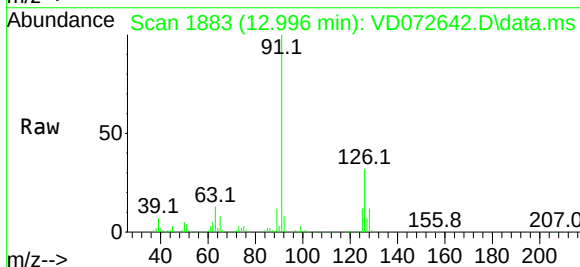
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

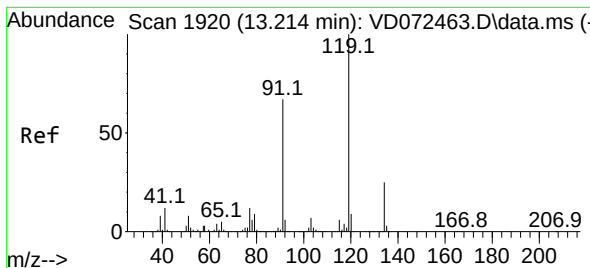
Tgt Ion: 75 Resp: 28873
Ion Ratio Lower Upper
75 100
53 91.8 86.5 129.7
89 43.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 23.049 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion: 91 Resp: 379018
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 23.472 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

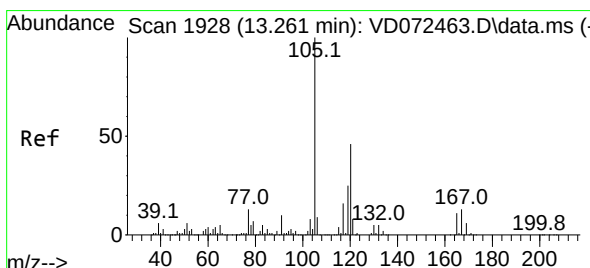
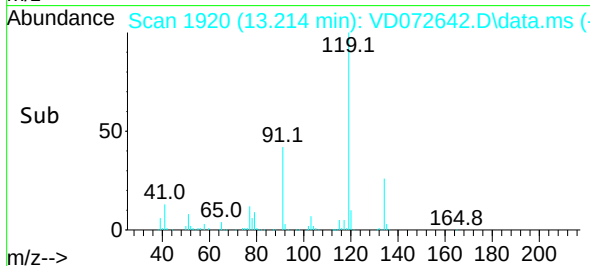
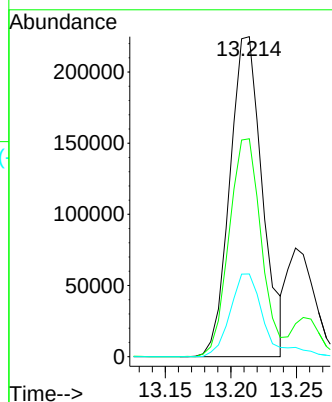
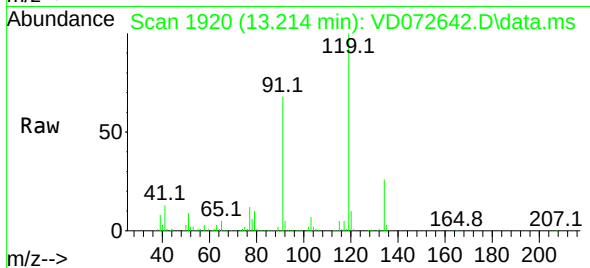
Tgt Ion:119 Resp: 389465

Ion Ratio Lower Upper

119 100

91 66.8 34.8 104.5

134 27.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 23.380 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD072642.D

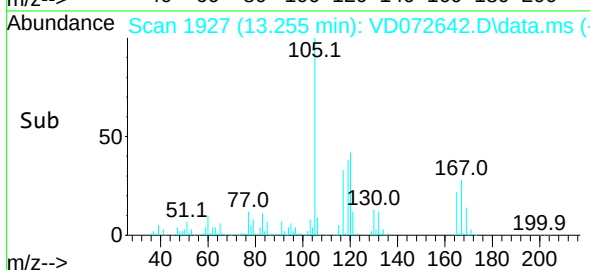
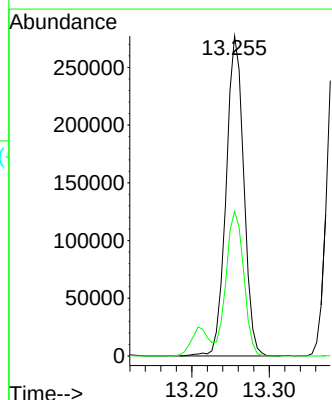
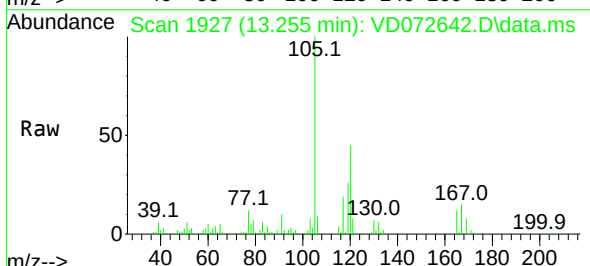
Acq: 20 Apr 2022 12:50

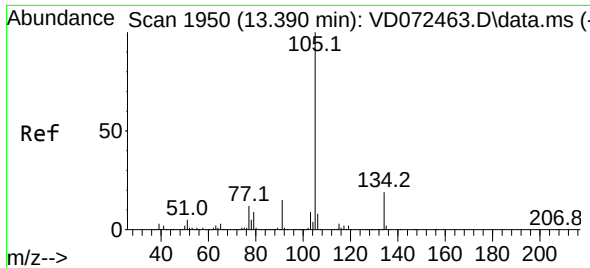
Tgt Ion:105 Resp: 438208

Ion Ratio Lower Upper

105 100

120 45.5 22.3 66.8

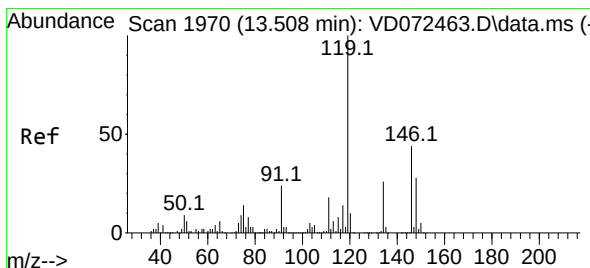
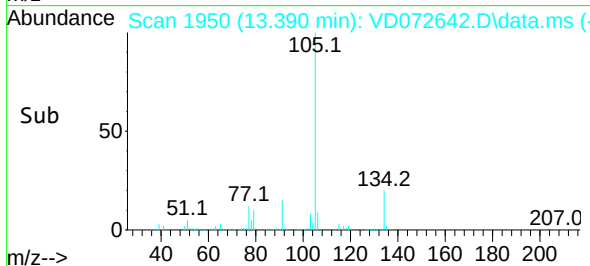
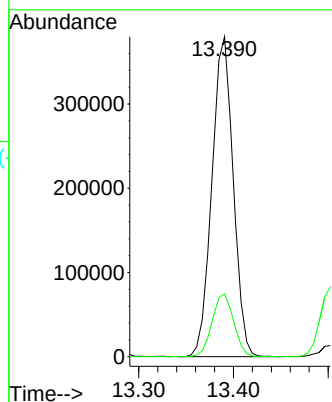
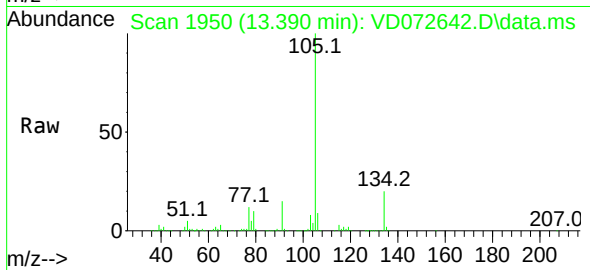




#85
 sec-Butylbenzene
 Concen: 23.757 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

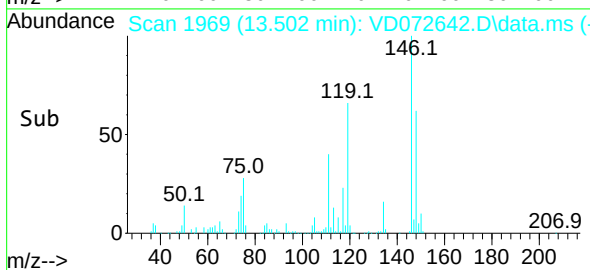
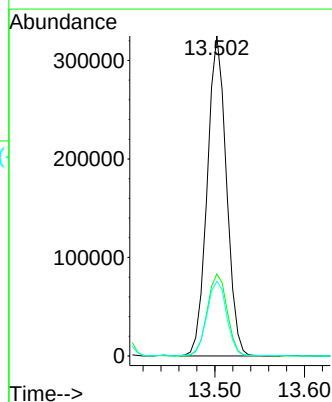
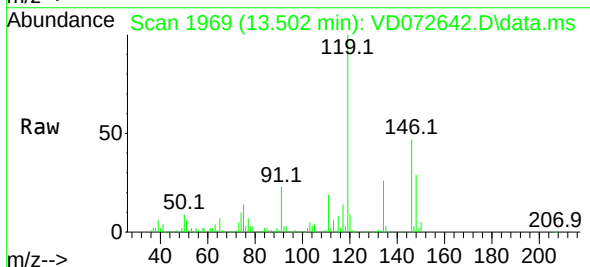
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBSD01

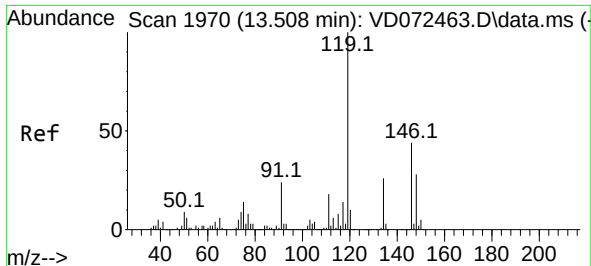
Tgt Ion:105 Resp: 593776
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 23.611 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

Tgt Ion:119 Resp: 482356
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 24.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 23.917 ug/l

RT: 13.502 min Scan# 1970

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

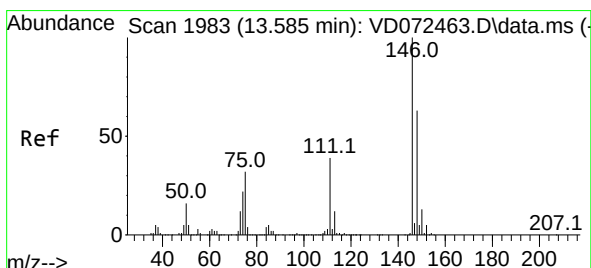
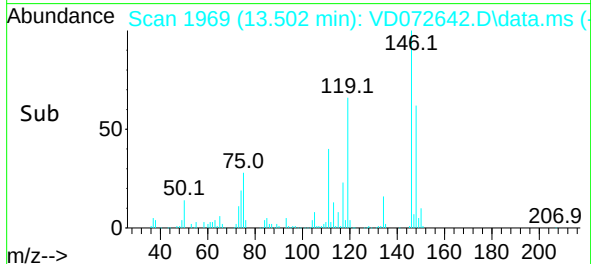
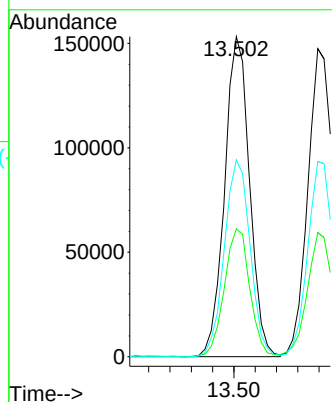
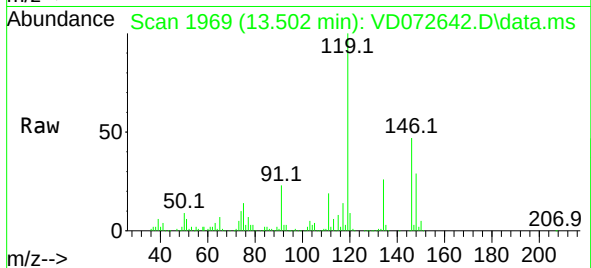
Tgt Ion:146 Resp: 248598

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.3

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 23.300 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

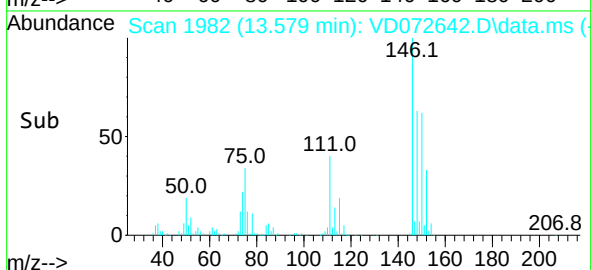
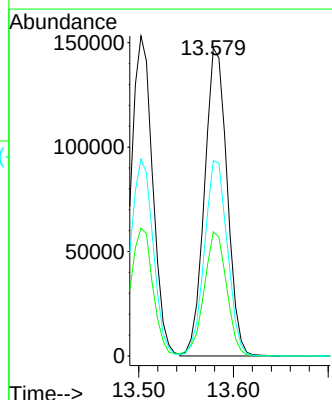
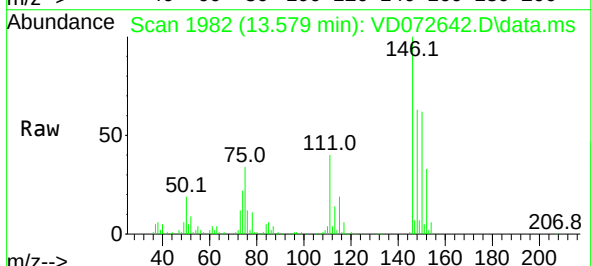
Tgt Ion:146 Resp: 244091

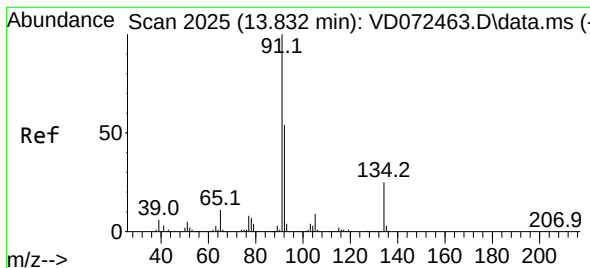
Ion Ratio Lower Upper

146 100

111 40.3 20.3 60.9

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 23.676 ug/l

RT: 13.826 min Scan# 2025

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

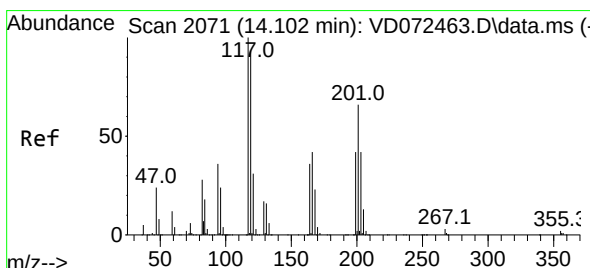
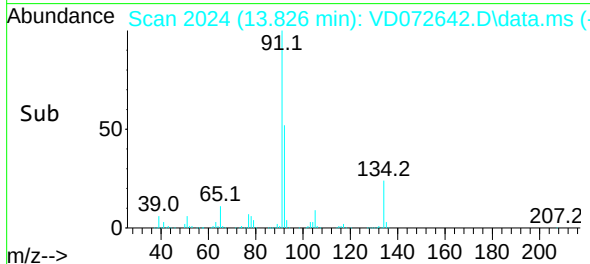
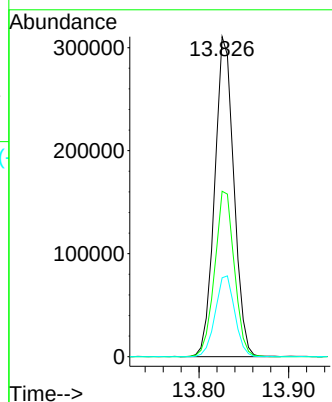
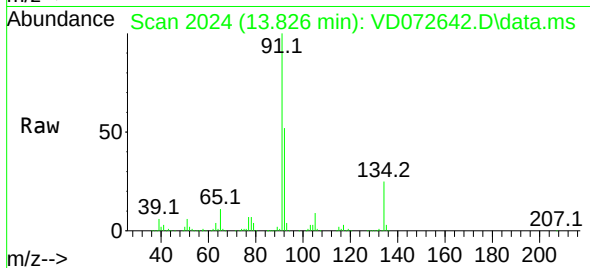
Tgt Ion: 91 Resp: 460772

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 25.8 12.3 36.9



#90

Hexachloroethane

Concen: 24.732 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. -0.006 min

Lab File: VD072642.D

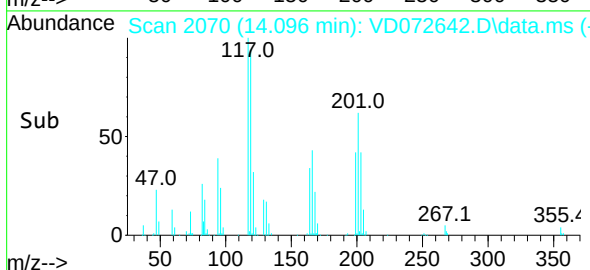
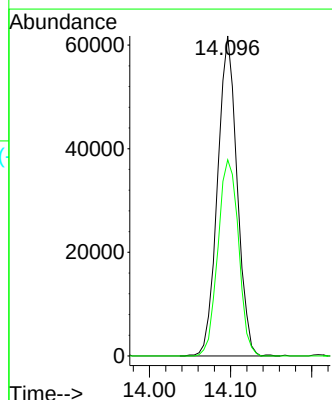
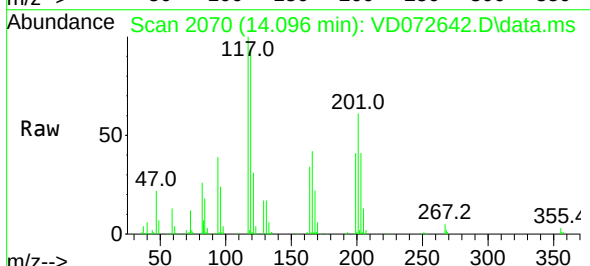
Acq: 20 Apr 2022 12:50

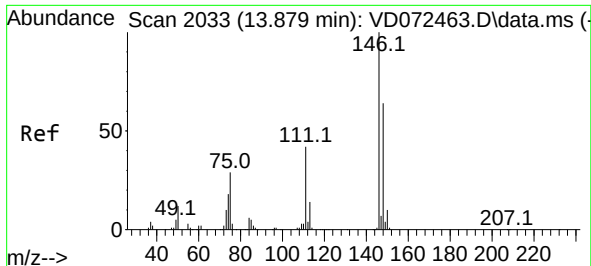
Tgt Ion: 117 Resp: 103434

Ion Ratio Lower Upper

117 100

201 64.5 33.4 100.2

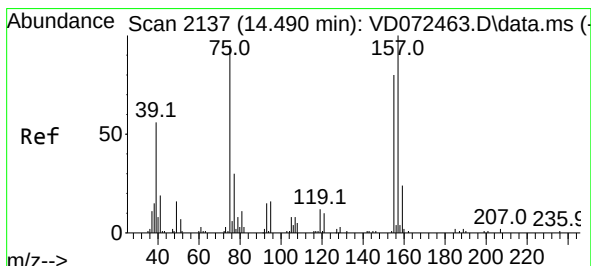
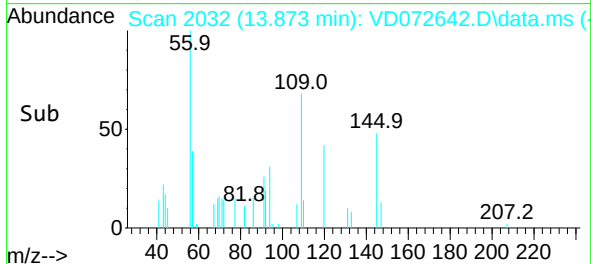
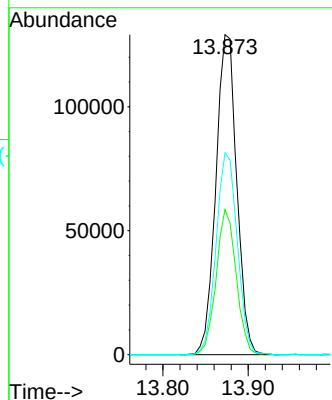
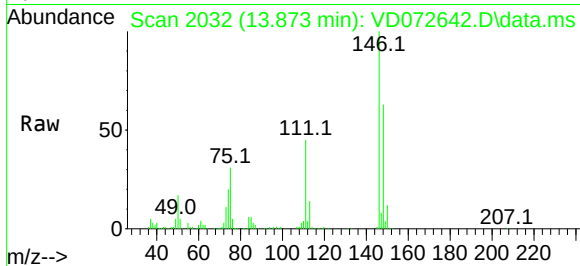




#91
 1,2-Dichlorobenzene
 Concen: 23.968 ug/l
 RT: 13.873 min Scan# 2033
 Delta R.T. -0.006 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

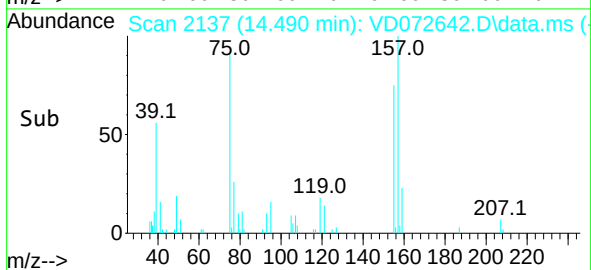
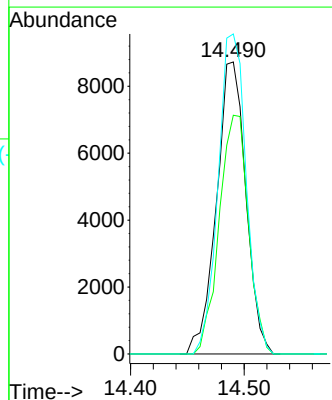
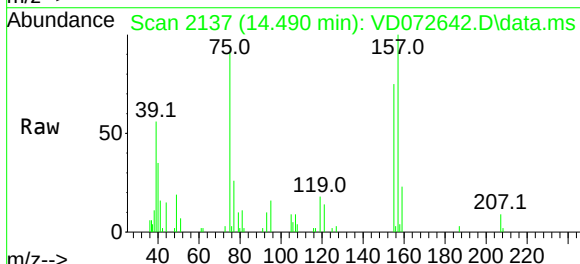
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0420SBSD01

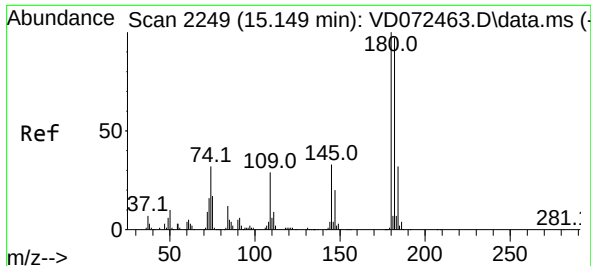
Tgt Ion:146 Resp: 219724
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.1 63.3
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.996 ug/l
 RT: 14.490 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VD072642.D
 Acq: 20 Apr 2022 12:50

Tgt Ion: 75 Resp: 15670
 Ion Ratio Lower Upper
 75 100
 155 81.0 36.8 110.3
 157 104.7 48.4 145.0

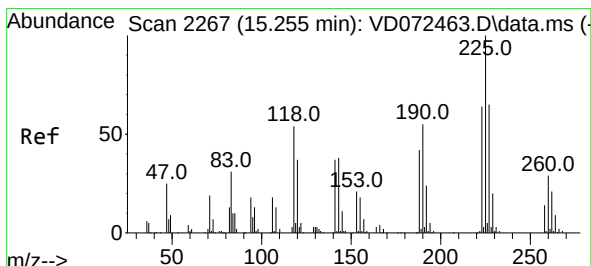
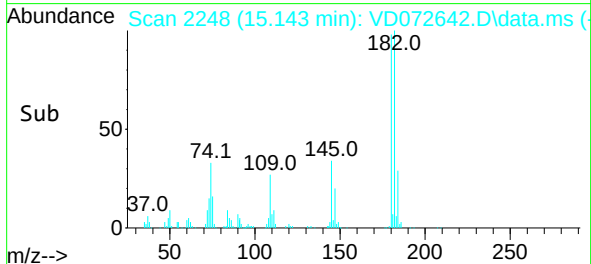
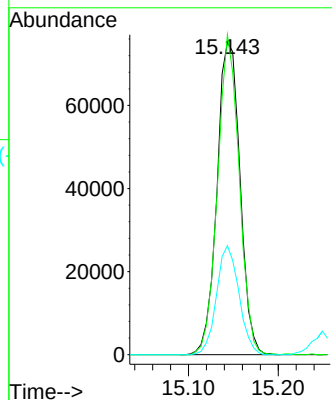
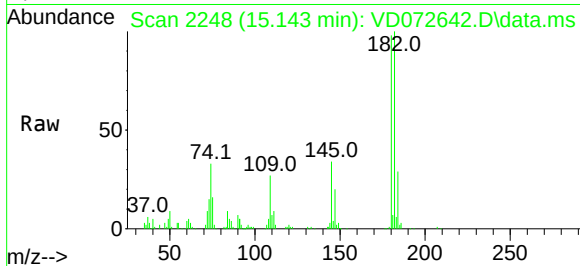




#93
1,2,4-Trichlorobenzene
Concen: 23.616 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

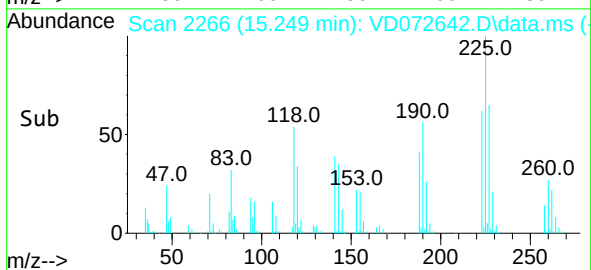
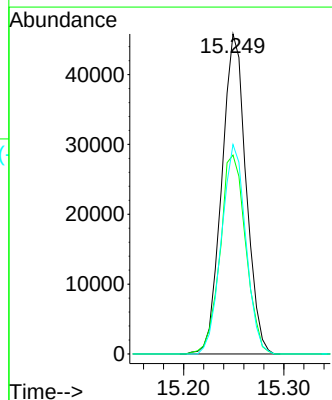
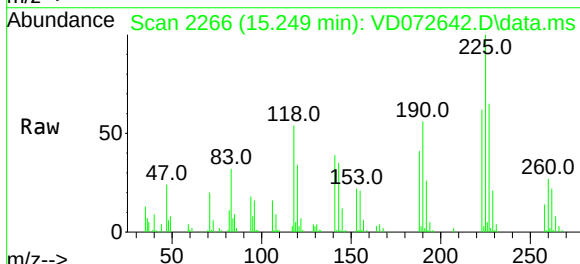
Instrument :
MSVOA_D
ClientSampleId :
VD0420SBSD01

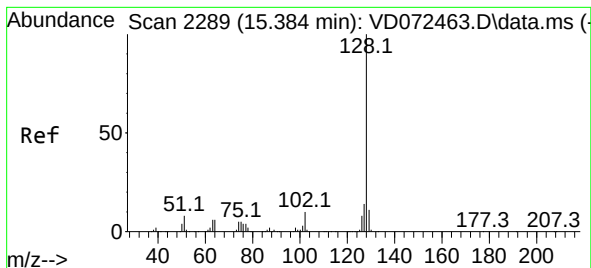
Tgt Ion:180 Resp: 134199
Ion Ratio Lower Upper
180 100
182 95.8 47.3 142.0
145 33.9 16.2 48.5



#94
Hexachlorobutadiene
Concen: 24.185 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072642.D
Acq: 20 Apr 2022 12:50

Tgt Ion:225 Resp: 76980
Ion Ratio Lower Upper
225 100
223 65.5 31.1 93.2
227 65.5 32.4 97.0





#95

Naphthalene

Concen: 21.171 ug/l

RT: 15.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Instrument :

MSVOA_D

ClientSampleId :

VD0420SBS01

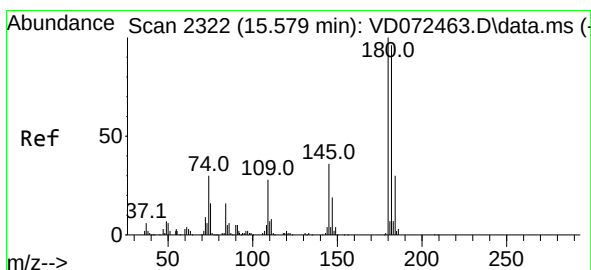
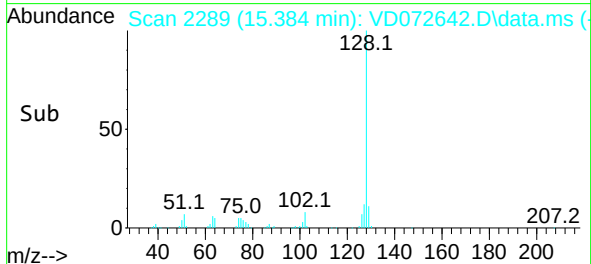
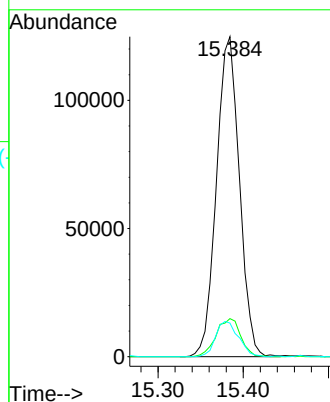
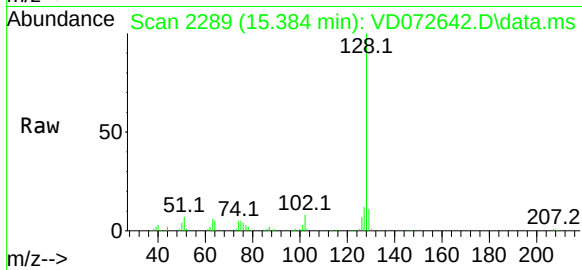
Tgt Ion:128 Resp: 233757

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 23.530 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD072642.D

Acq: 20 Apr 2022 12:50

Tgt Ion:180 Resp: 116696

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 35.8 17.1 51.3

