

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073029.D
 Acq On : 14 May 2022 11:01
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 05:22:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	263554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	456449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	434385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	213981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	167989	49.103	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.200%
35) Dibromofluoromethane	7.903	113	165037	51.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.960%
50) Toluene-d8	10.332	98	598521	52.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.100%
62) 4-Bromofluorobenzene	12.620	95	220670	51.466	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	138994	38.165	ug/l	97
3) Chloromethane	2.209	50	154583	40.814	ug/l	96
4) Vinyl Chloride	2.344	62	142883	42.042	ug/l	99
5) Bromomethane	2.762	94	101363	48.439	ug/l	99
6) Chloroethane	2.921	64	94018	44.387	ug/l	99
7) Trichlorofluoromethane	3.273	101	262168	44.053	ug/l	99
8) Diethyl Ether	3.709	74	81394	47.706	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	155195	43.925	ug/l	97
10) Methyl Iodide	4.297	142	161478	45.541	ug/l	100
11) Tert butyl alcohol	5.226	59	47302	159.804	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	145950	45.926	ug/l	97
13) Acrolein	3.926	56	13307	51.334	ug/l	99
14) Allyl chloride	4.715	41	248809	48.494	ug/l	90
15) Acrylonitrile	5.414	53	199566	246.120	ug/l	97
16) Acetone	4.150	43	146634	227.754	ug/l	97
17) Carbon Disulfide	4.409	76	423362	42.368	ug/l	98
18) Methyl Acetate	4.709	43	129450	69.633	ug/l	94
19) Methyl tert-butyl Ether	5.479	73	381446	50.068	ug/l	99
20) Methylene Chloride	4.956	84	211122	51.822	ug/l	86
21) trans-1,2-Dichloroethene	5.467	96	178929	49.093	ug/l	93
22) Diisopropyl ether	6.361	45	565158	50.073	ug/l	94
23) Vinyl Acetate	6.303	43	1412499	226.547	ug/l	96
24) 1,1-Dichloroethane	6.261	63	338137	49.865	ug/l	99
25) 2-Butanone	7.208	43	239950	240.718	ug/l	93
26) 2,2-Dichloropropane	7.203	77	234597	40.923	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	210451	50.414	ug/l	91
28) Bromochloromethane	7.544	49	135474	53.574	ug/l	84
29) Tetrahydrofuran	7.561	42	156861	246.881	ug/l	93
30) Chloroform	7.708	83	356597	49.699	ug/l	98
31) Cyclohexane	7.979	56	248727	41.590	ug/l	95
32) 1,1,1-Trichloroethane	7.903	97	302182	49.415	ug/l	96
36) 1,1-Dichloropropene	8.103	75	250480	48.053	ug/l	98
37) Ethyl Acetate	7.291	43	108508	45.283	ug/l	97
38) Carbon Tetrachloride	8.091	117	256799	47.460	ug/l	97
39) Methylcyclohexane	9.350	83	260433	43.074	ug/l	98
40) Benzene	8.344	78	749387	49.783	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	66566	46.654	ug/l	92
42) 1,2-Dichloroethane	8.420	62	216016	47.621	ug/l	96
43) Isopropyl Acetate	8.450	43	213108	48.185	ug/l #	94
44) Trichloroethene	9.108	130	196942	48.903	ug/l	97
45) 1,2-Dichloropropane	9.379	63	193850	49.036	ug/l	100
46) Dibromomethane	9.473	93	107807	49.438	ug/l	99
47) Bromodichloromethane	9.655	83	274399	48.914	ug/l #	99
48) Methyl methacrylate	9.450	41	111961	51.746	ug/l	91
49) 1,4-Dioxane	9.450	88	23997	977.230	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	580768	252.705	ug/l	94
52) Toluene	10.397	92	476563	50.752	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	240243	46.624	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	280575	46.868	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	148768	50.465	ug/l	96
56) Ethyl methacrylate	10.655	69	174719	50.338	ug/l	88
57) 1,3-Dichloropropane	10.938	76	248796	49.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	462955	275.103	ug/l	97
59) 2-Hexanone	10.973	43	384529	248.656	ug/l	95
60) Dibromochloromethane	11.132	129	183901	49.555	ug/l	98
61) 1,2-Dibromoethane	11.238	107	137184	47.810	ug/l	98
64) Tetrachloroethene	10.873	164	151684	47.761	ug/l	98
65) Chlorobenzene	11.661	112	506672	50.430	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	193585	51.269	ug/l	98
67) Ethyl Benzene	11.738	91	905416	52.072	ug/l	99
68) m/p-Xylenes	11.844	106	698825	104.337	ug/l	99
69) o-Xylene	12.173	106	329584	52.689	ug/l	97
70) Styrene	12.185	104	574893	53.045	ug/l	97
71) Bromoform	12.349	173	103812	50.730	ug/l #	99
73) Isopropylbenzene	12.467	105	869992	52.257	ug/l	100
74) N-amyl acetate	12.279	43	185315	44.698	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	169973	50.577	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	206274	86.451	ug/l #	100
77) Bromobenzene	12.749	156	200709	50.769	ug/l	94
78) n-propylbenzene	12.808	91	1075655	51.264	ug/l	100
79) 2-Chlorotoluene	12.896	91	623455	50.865	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	744558	52.743	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	48823	47.054	ug/l	90
82) 4-Chlorotoluene	12.991	91	657109	51.310	ug/l	100
83) tert-Butylbenzene	13.208	119	639067	53.248	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	734607	52.061	ug/l	100
85) sec-Butylbenzene	13.385	105	929025	51.324	ug/l	100
86) p-Isopropyltoluene	13.502	119	768910	51.810	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	399701	50.188	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	398416	50.236	ug/l	99
89) n-Butylbenzene	13.826	91	721016	50.152	ug/l	100
90) Hexachloroethane	14.096	117	157253	51.722	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	355558	51.227	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	25669	48.184	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	200101	48.680	ug/l	99
94) Hexachlorobutadiene	15.249	225	102850	45.815	ug/l	98
95) Naphthalene	15.379	128	400503	52.994	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	183172	50.270	ug/l	99

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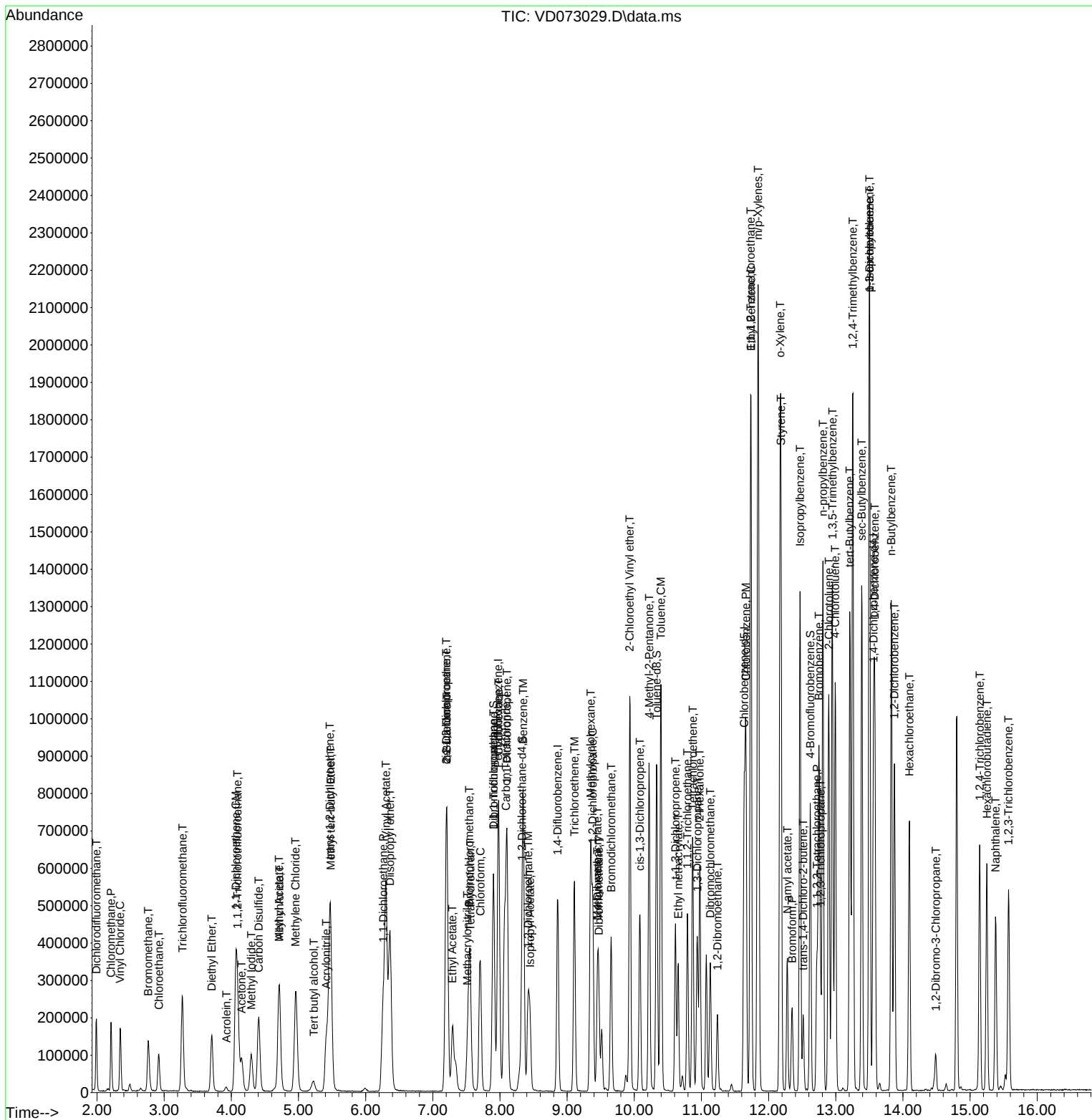
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ClientSampleId :
VSTDCCC050EC

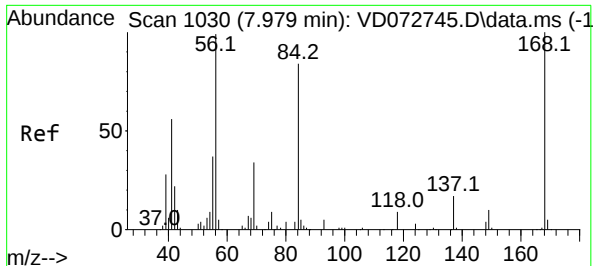
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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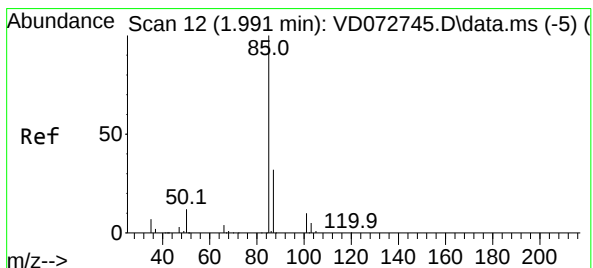
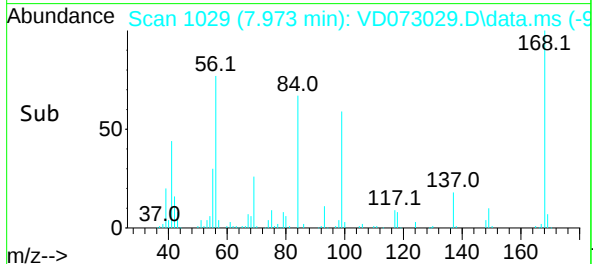
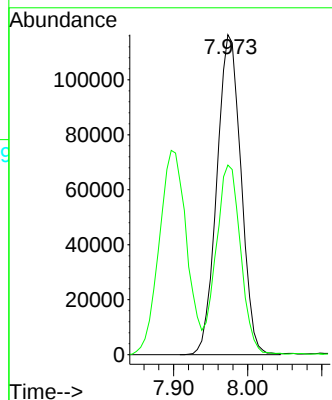
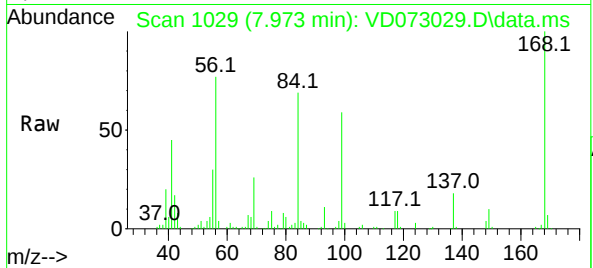




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD073029.D
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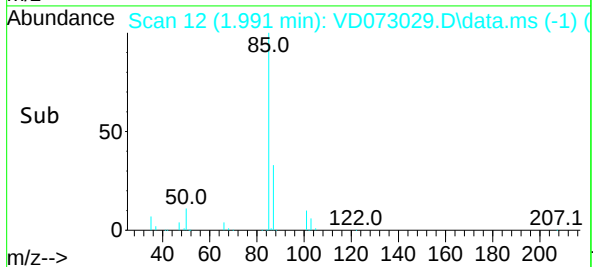
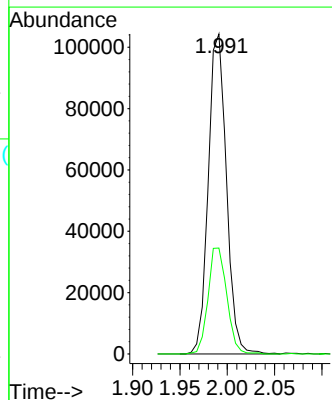
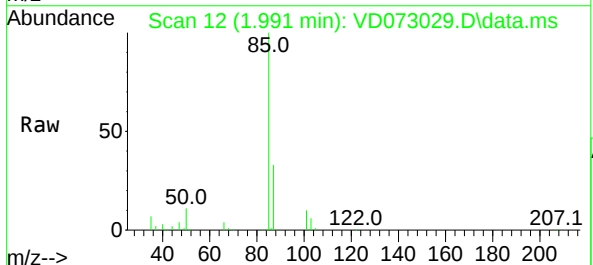
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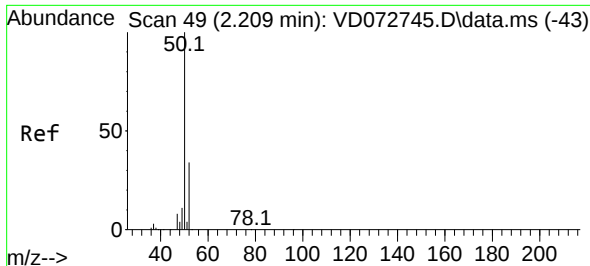
Tgt Ion:168 Resp: 263554
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 38.165 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 85 Resp: 138994
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

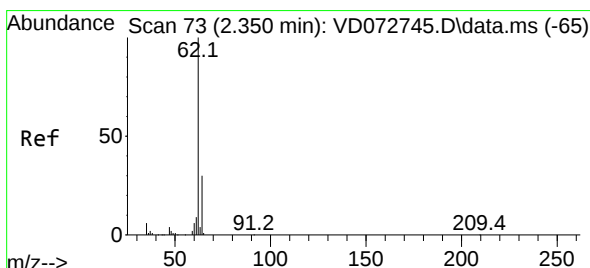
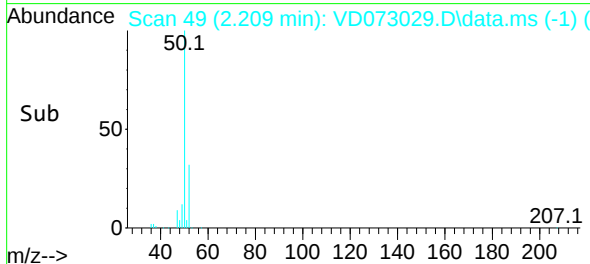
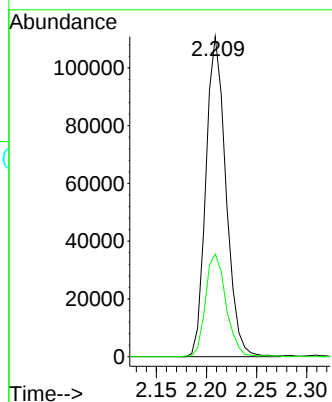
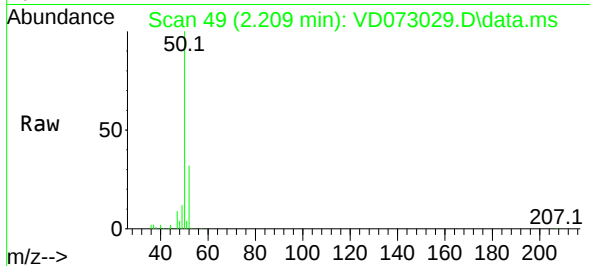




#3
Chloromethane
Concen: 40.814 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

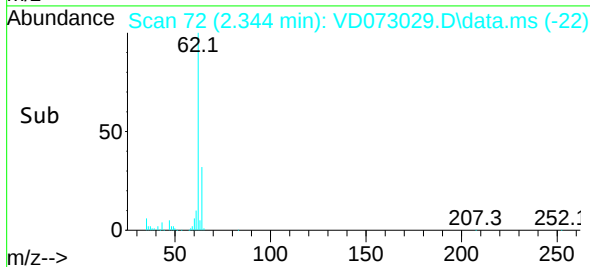
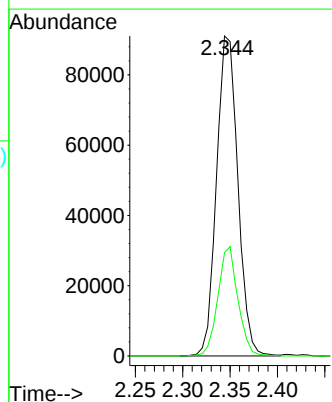
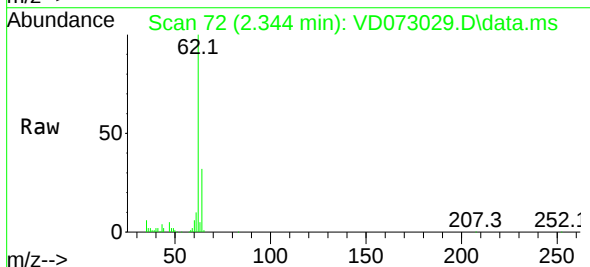
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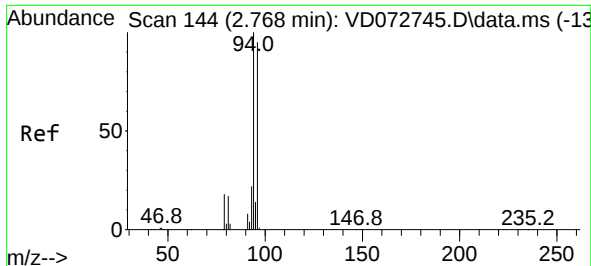
Tgt Ion: 50 Resp: 154583
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.0



#4
Vinyl Chloride
Concen: 42.042 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 62 Resp: 142883
Ion Ratio Lower Upper
62 100
64 32.3 25.4 38.0

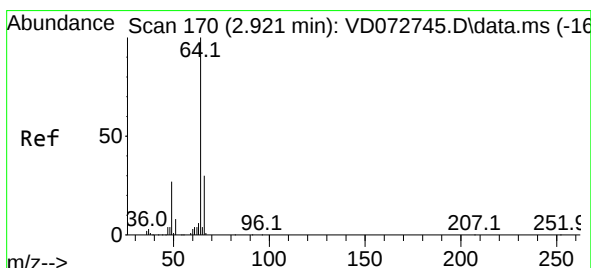
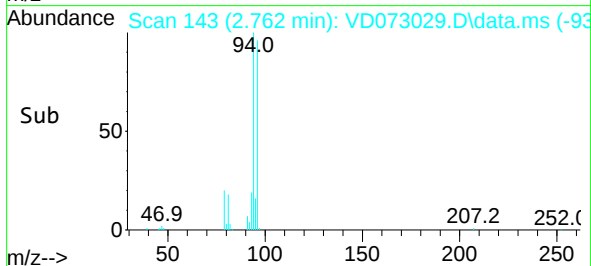
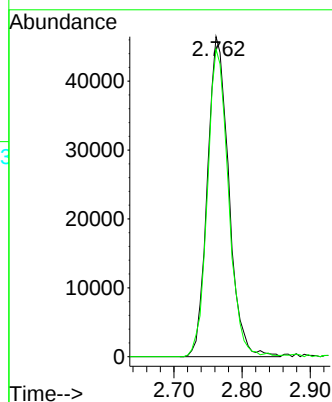
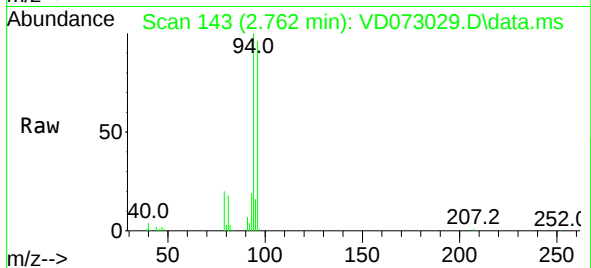




#5
Bromomethane
Concen: 48.439 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

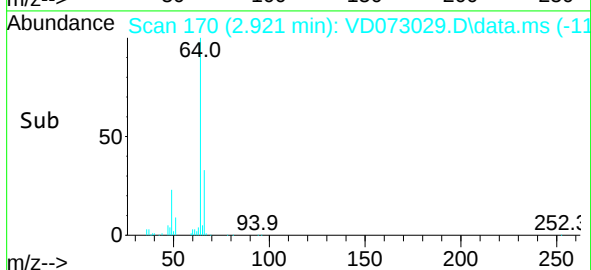
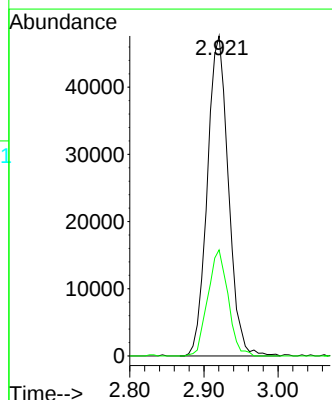
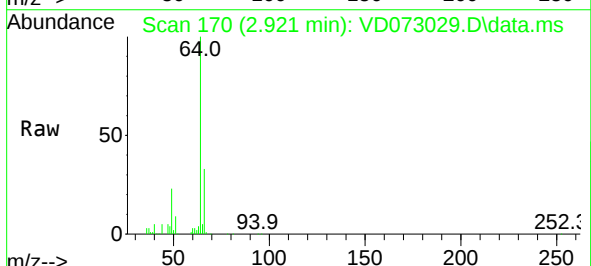
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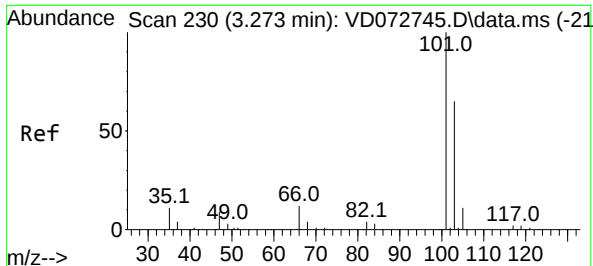
Tgt Ion: 94 Resp: 101363
Ion Ratio Lower Upper
94 100
96 96.1 77.6 116.4



#6
Chloroethane
Concen: 44.387 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 64 Resp: 94018
Ion Ratio Lower Upper
64 100
66 33.1 25.9 38.9

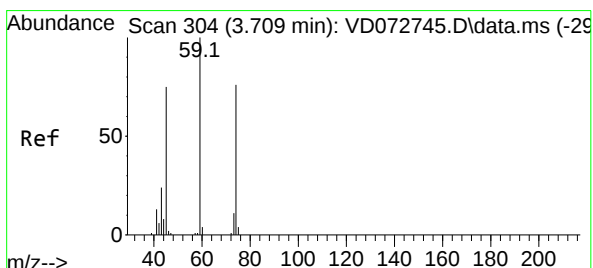
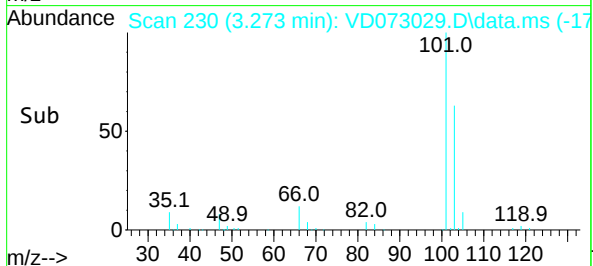
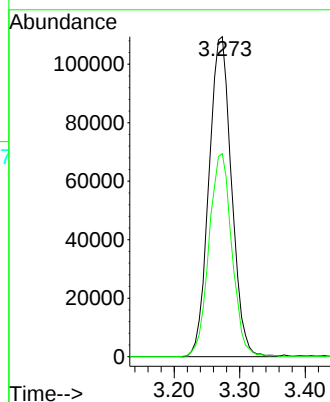
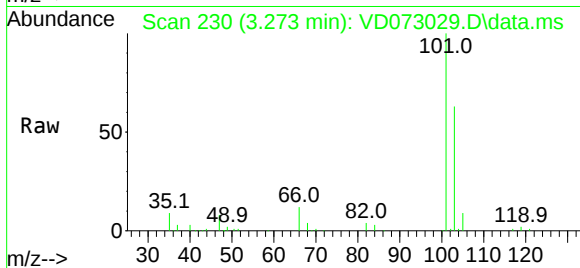




#7
 Trichlorofluoromethane
 Concen: 44.053 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

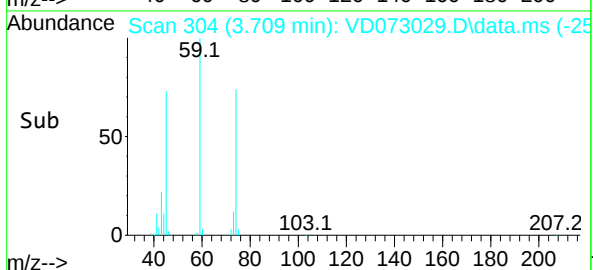
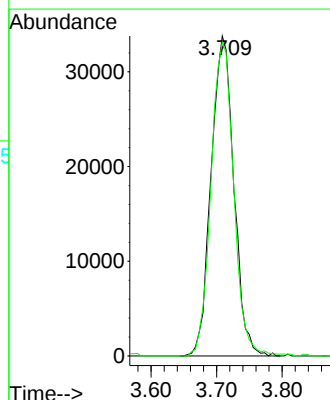
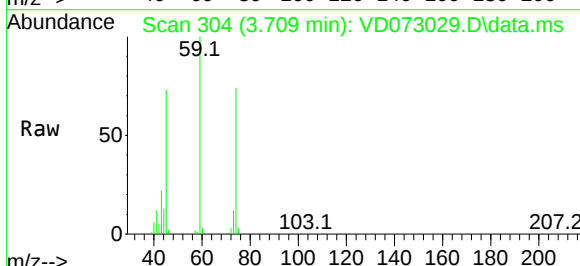
Instrument :
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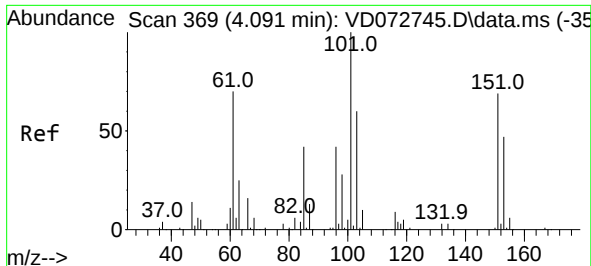
Tgt Ion:101 Resp: 262168
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 47.706 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

Tgt Ion: 74 Resp: 81394
 Ion Ratio Lower Upper
 74 100
 45 98.0 52.6 157.8

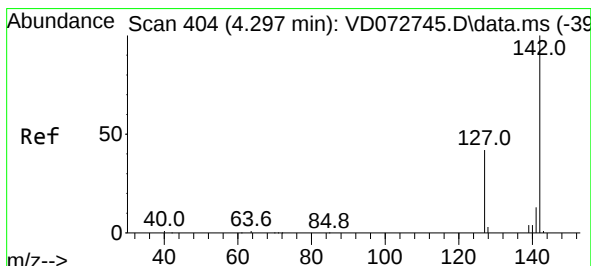
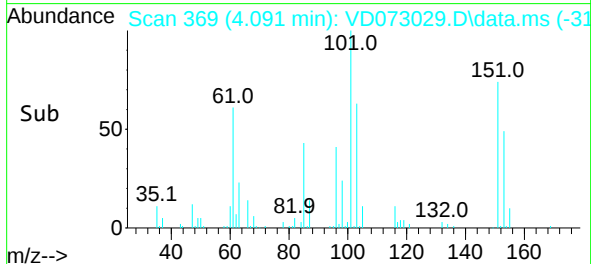
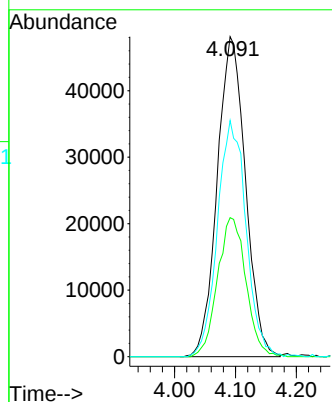
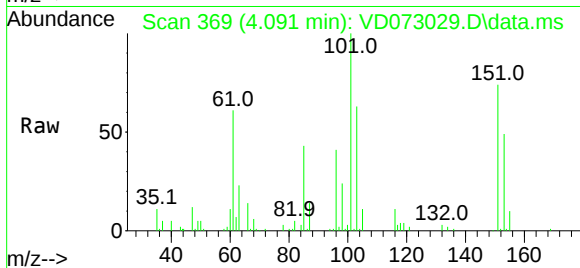




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.925 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

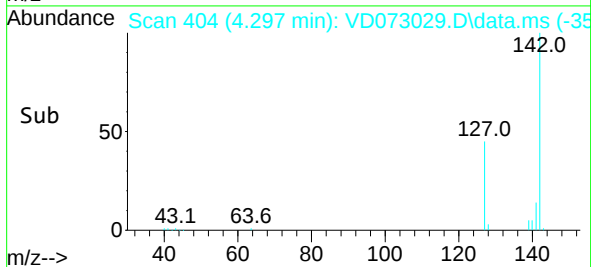
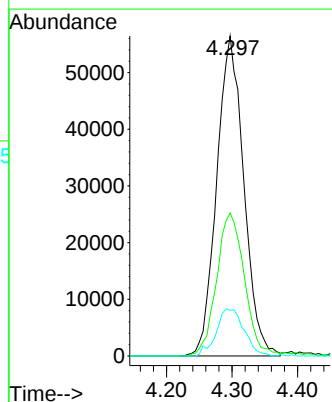
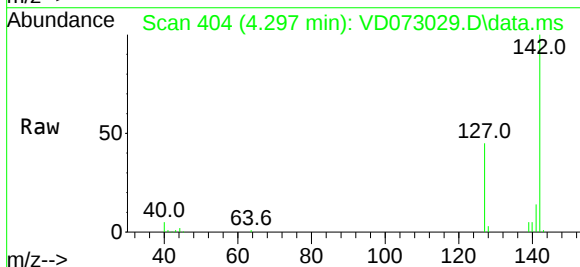
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

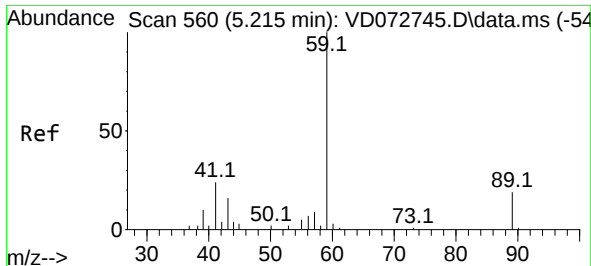
Tgt Ion:101 Resp: 155195
Ion Ratio Lower Upper
101 100
85 43.5 36.4 54.6
151 74.5 57.3 85.9



#10
Methyl Iodide
Concen: 45.541 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion:142 Resp: 161478
Ion Ratio Lower Upper
142 100
127 46.7 37.3 55.9
141 15.1 11.7 17.5

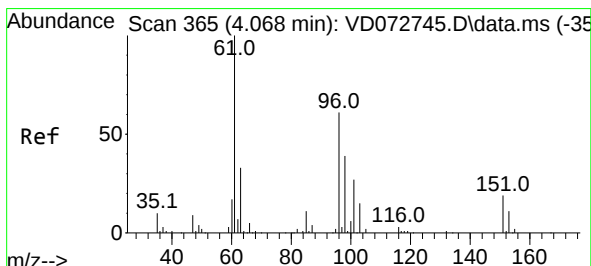
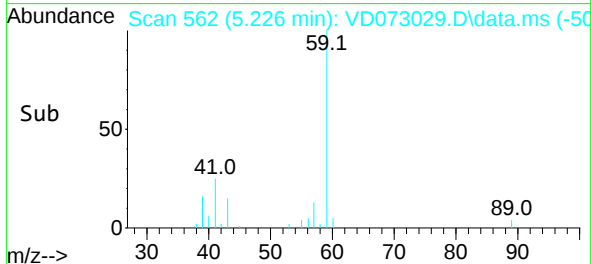
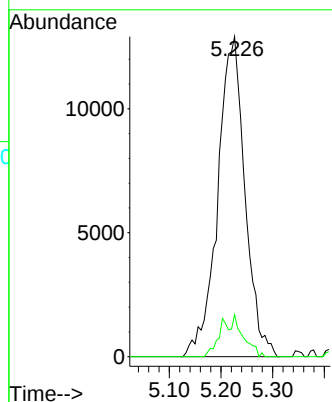
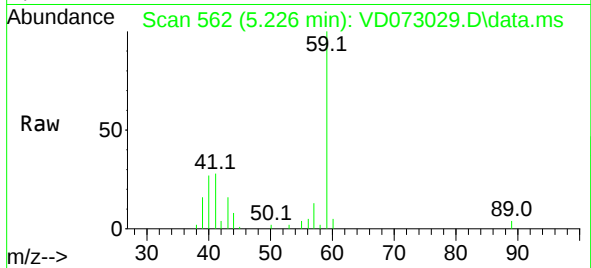




#11
Tert butyl alcohol
Concen: 159.804 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.011 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

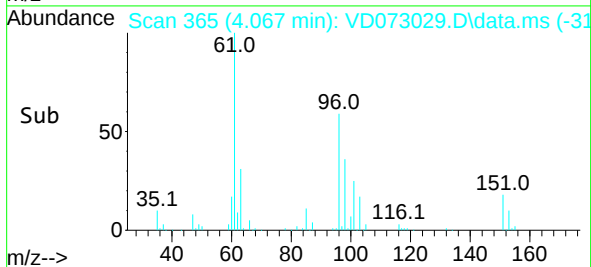
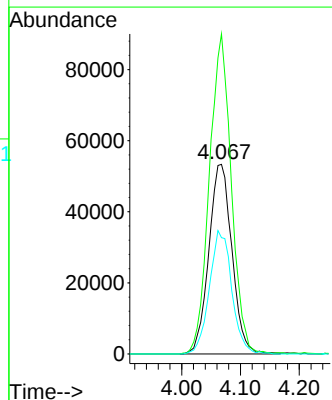
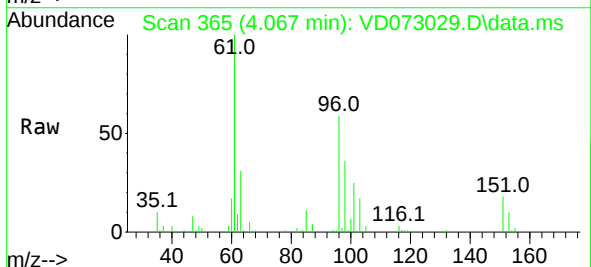
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

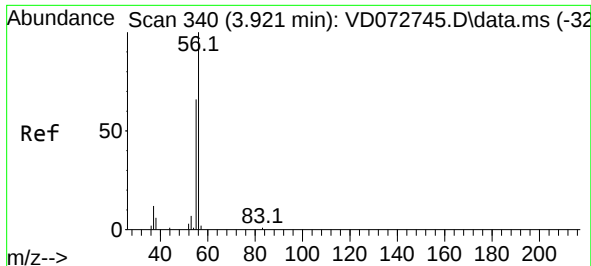
Tgt Ion: 59 Resp: 47302
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 45.926 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 96 Resp: 145950
Ion Ratio Lower Upper
96 100
61 168.7 138.5 207.7
98 61.4 48.6 73.0

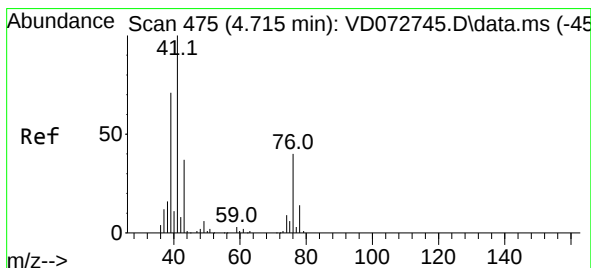
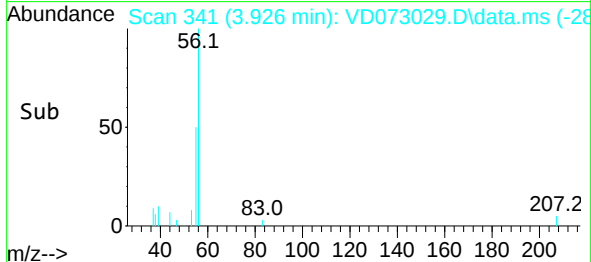
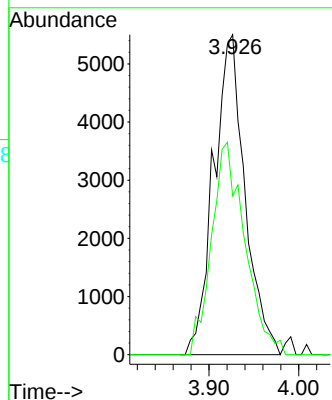
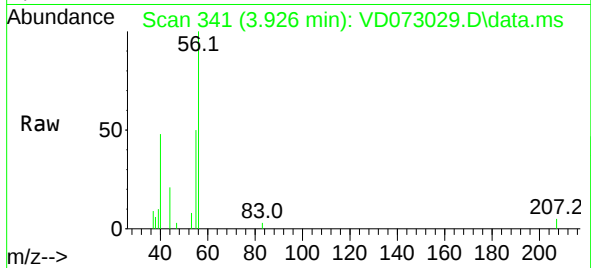




#13
Acrolein
Concen: 51.334 ug/l
RT: 3.926 min Scan# 340
Delta R.T. 0.005 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

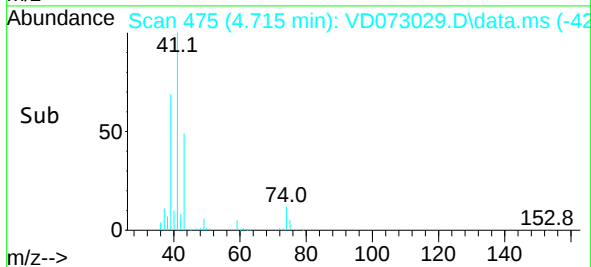
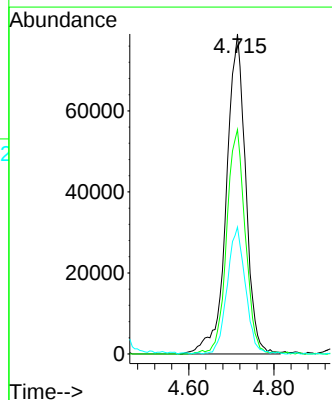
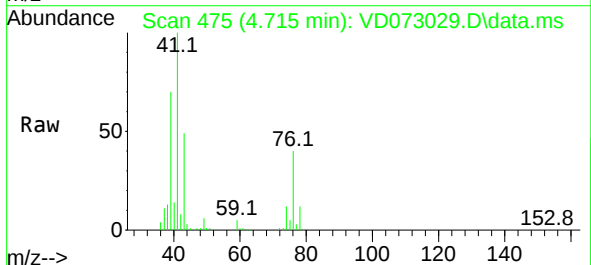
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

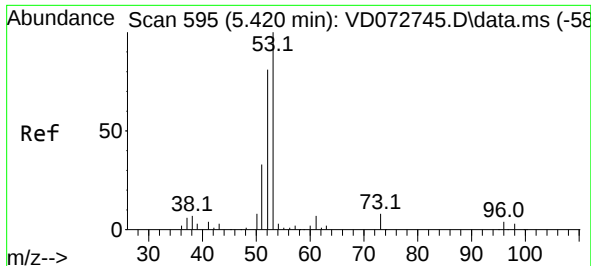
Tgt Ion: 56 Resp: 13307
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7



#14
Allyl chloride
Concen: 48.494 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 41 Resp: 248809
Ion Ratio Lower Upper
41 100
39 65.6 59.3 88.9
76 37.4 25.7 38.5

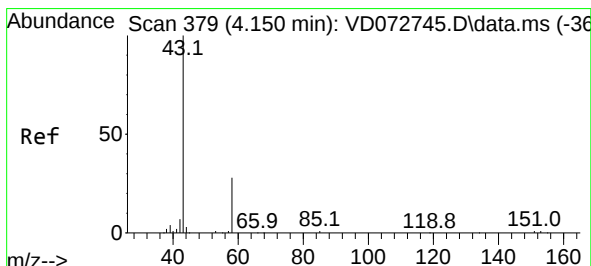
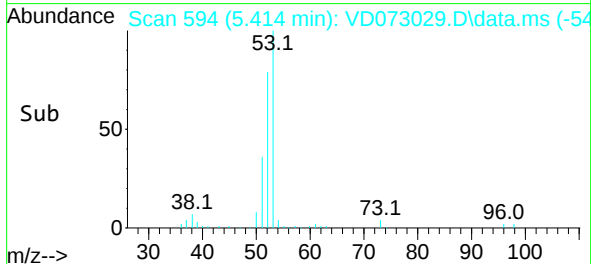
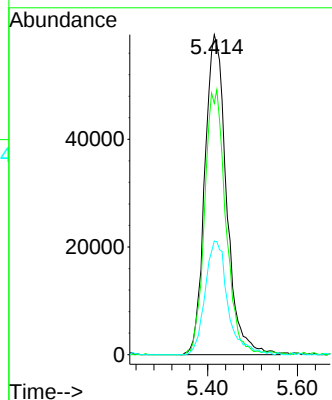
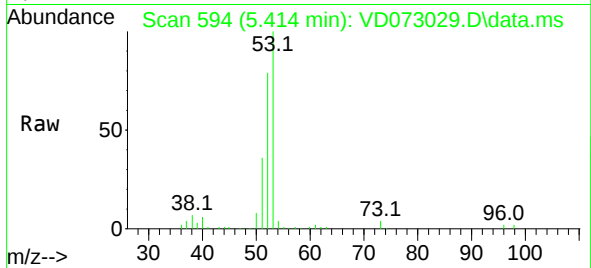




#15
Acrylonitrile
Concen: 246.120 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

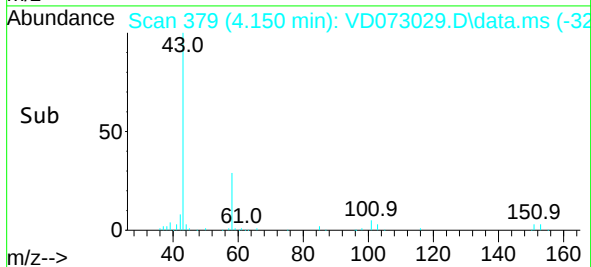
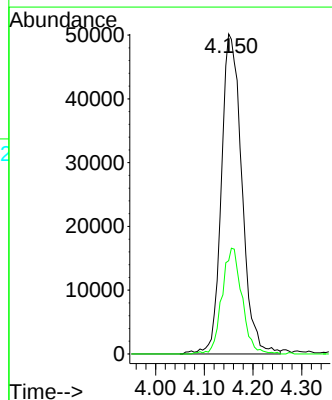
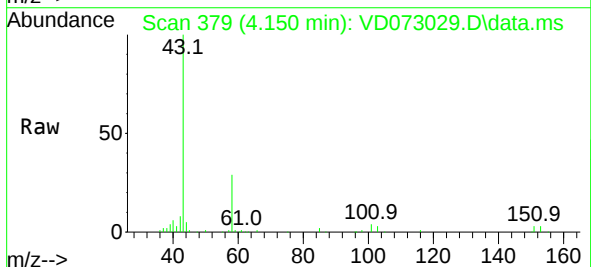
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

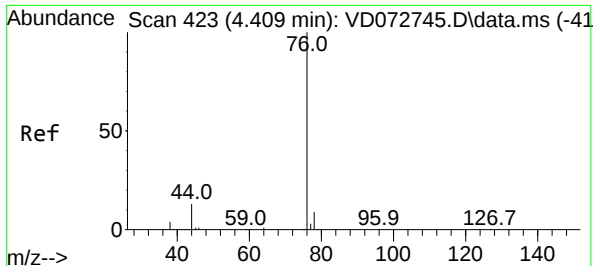
Tgt Ion: 53 Resp: 199566
Ion Ratio Lower Upper
53 100
52 80.6 67.2 100.8
51 37.0 30.3 45.5



#16
Acetone
Concen: 227.754 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 43 Resp: 146634
Ion Ratio Lower Upper
43 100
58 29.1 22.1 33.1

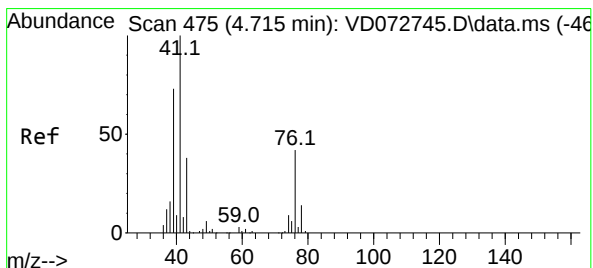
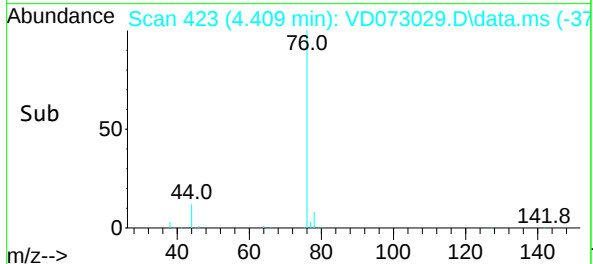
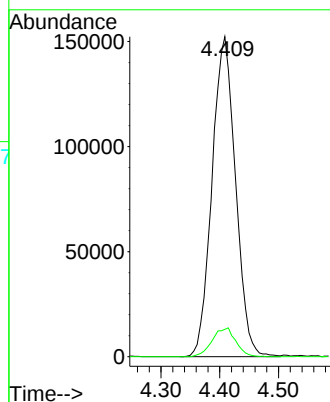
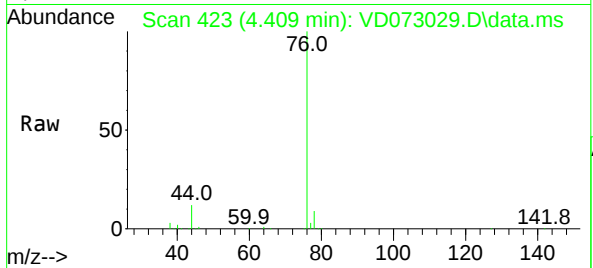




#17
Carbon Disulfide
Concen: 42.368 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

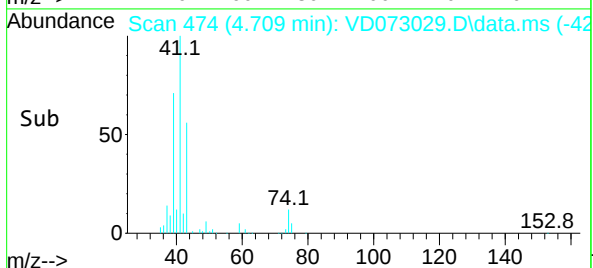
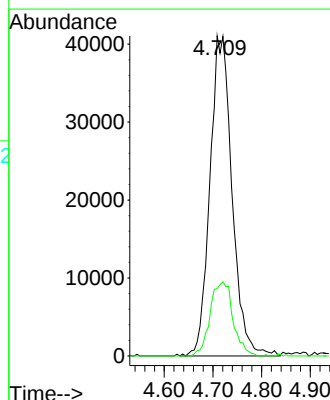
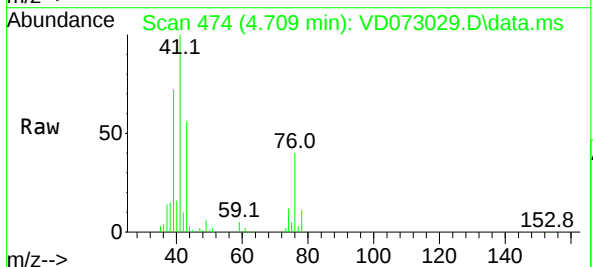
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

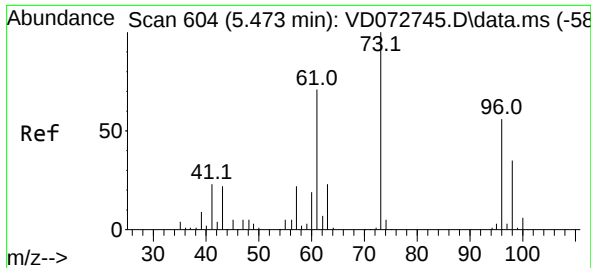
Tgt Ion: 76 Resp: 423362
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 69.633 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 43 Resp: 129450
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1

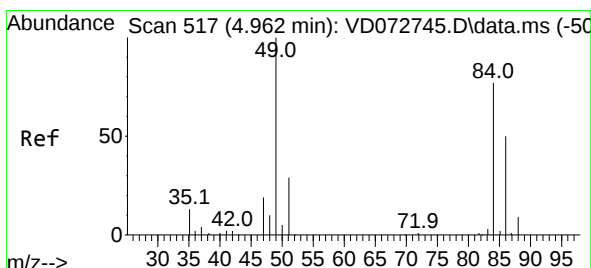
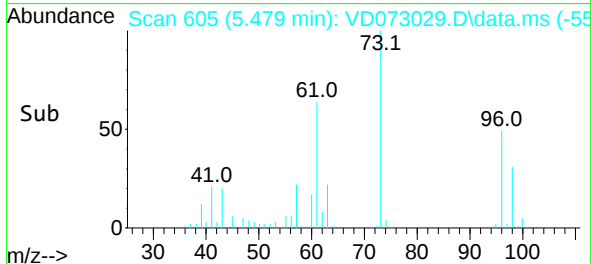
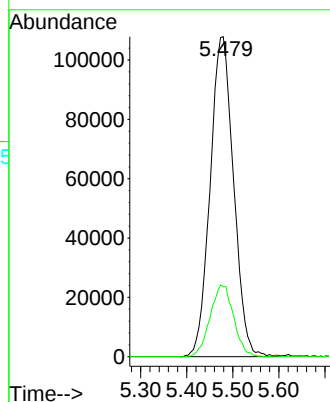
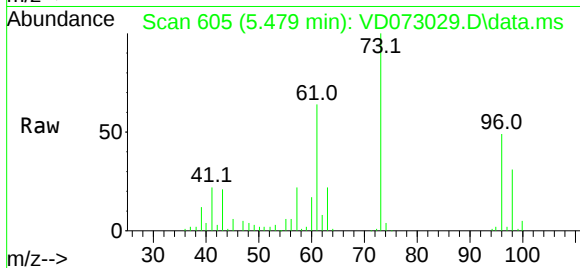




#19
Methyl tert-butyl Ether
Concen: 50.068 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

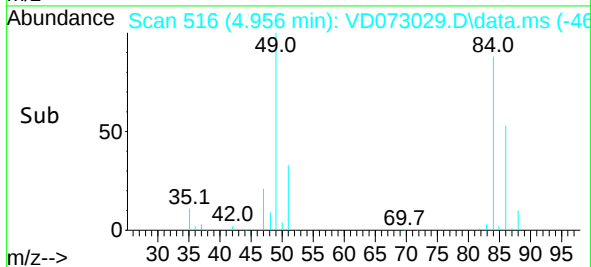
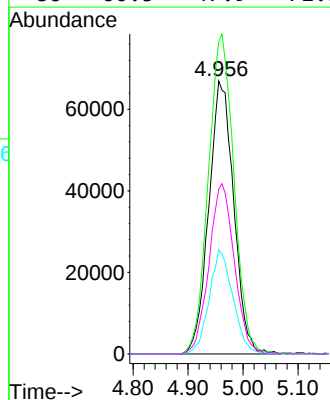
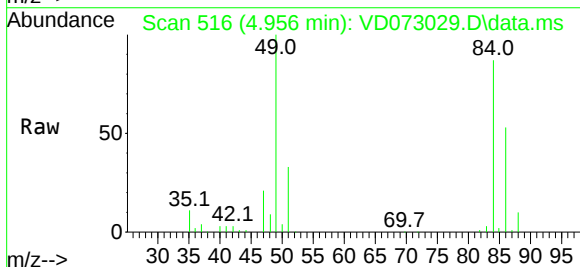
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

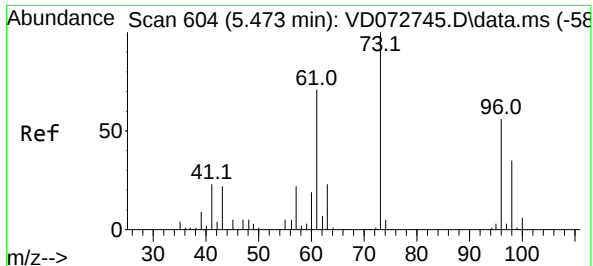
Tgt Ion: 73 Resp: 381446
Ion Ratio Lower Upper
73 100
57 21.9 18.0 27.0



#20
Methylene Chloride
Concen: 51.822 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 84 Resp: 211122
Ion Ratio Lower Upper
84 100
49 114.4 112.8 169.2
51 38.2 32.6 48.8
86 60.5 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 49.093 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

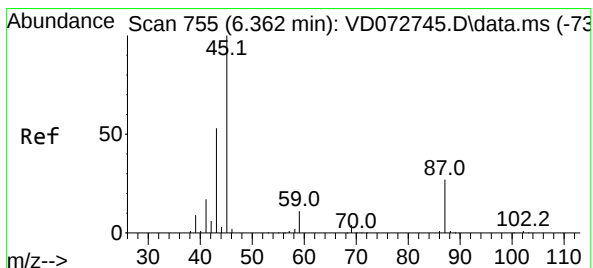
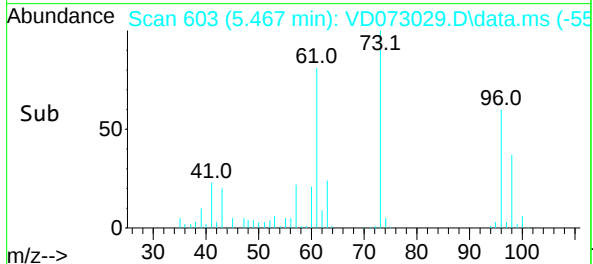
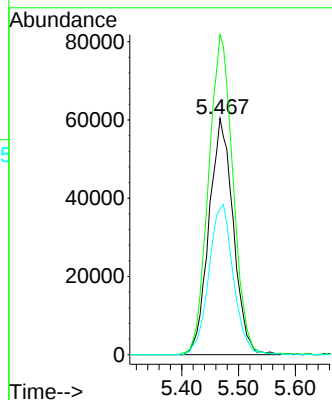
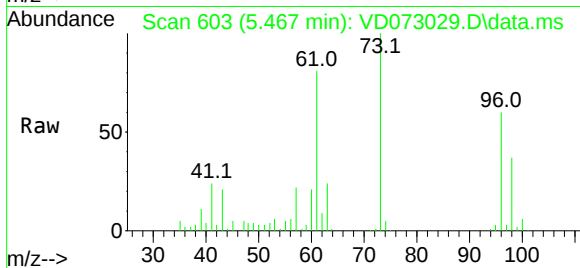
Tgt Ion: 96 Resp: 178929

Ion Ratio Lower Upper

96 100

61 135.1 117.9 176.9

98 61.7 49.4 74.2



#22

Diisopropyl ether

Concen: 50.073 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.001 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Tgt Ion: 45 Resp: 565158

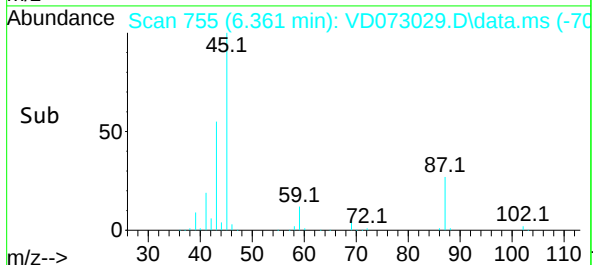
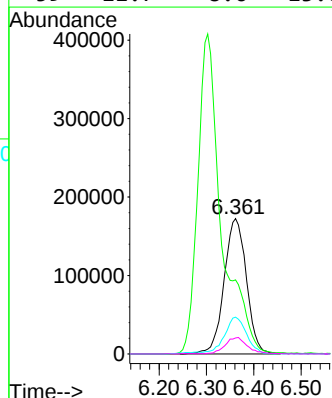
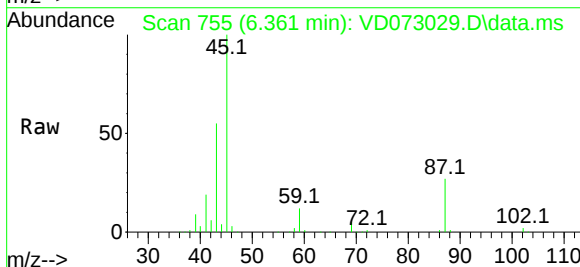
Ion Ratio Lower Upper

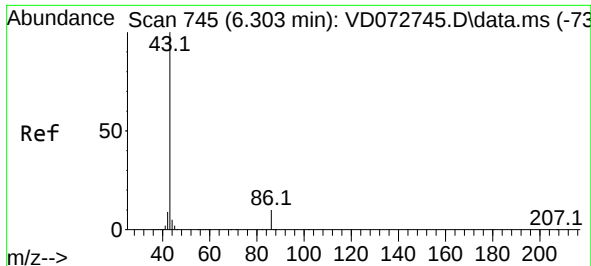
45 100

43 53.8 46.6 70.0

87 27.0 18.4 27.6

59 11.7 8.6 13.0

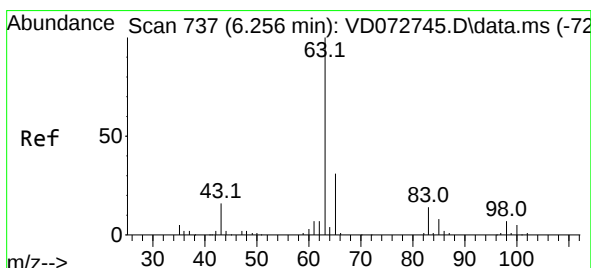
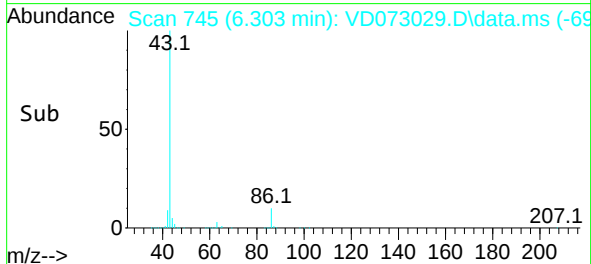
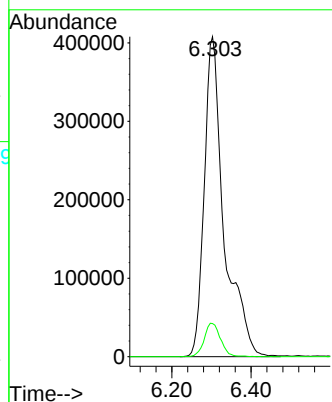
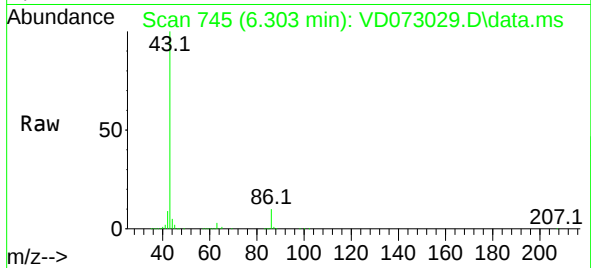




#23
 Vinyl Acetate
 Concen: 226.547 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

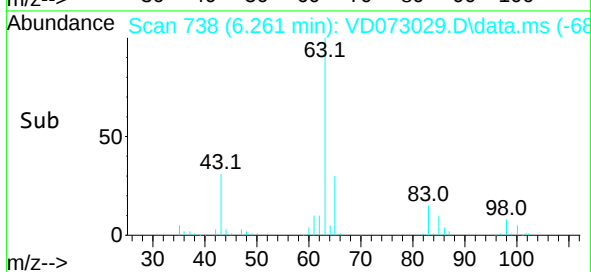
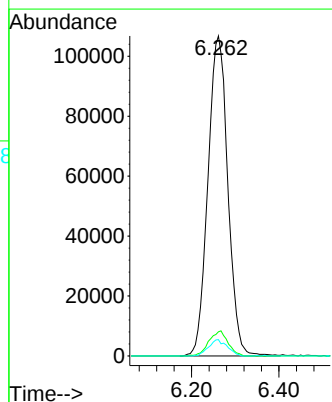
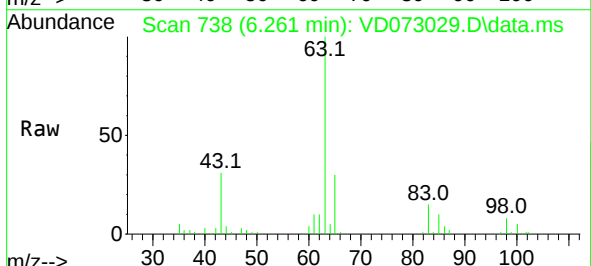
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

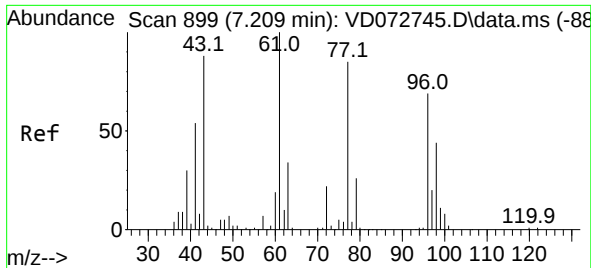
Tgt Ion: 43 Resp: 1412499
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 49.865 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

Tgt Ion: 63 Resp: 338137
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 5.1 2.1 6.5

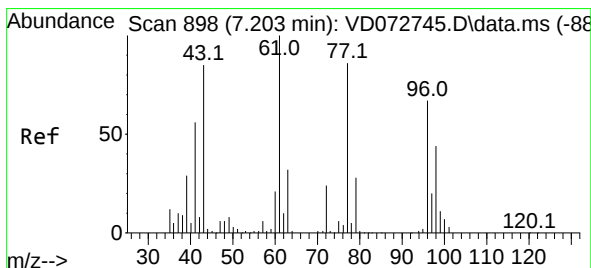
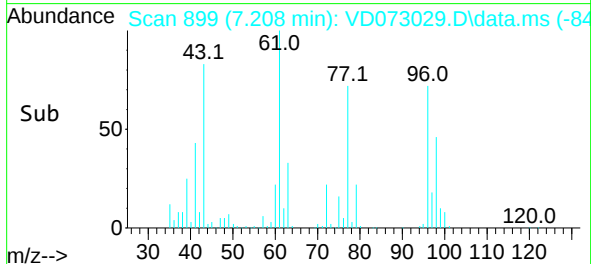
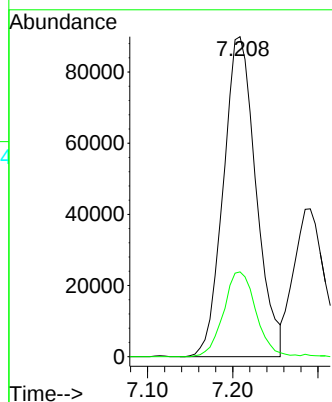
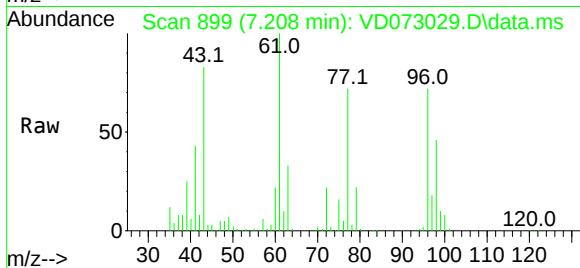




#25
2-Butanone
Concen: 240.718 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

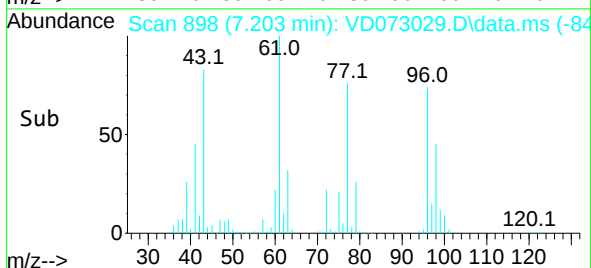
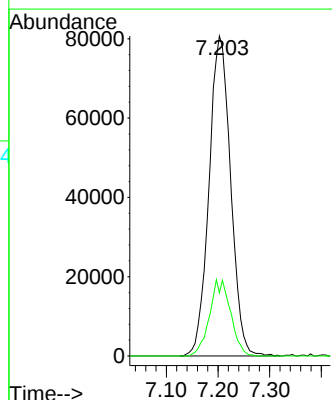
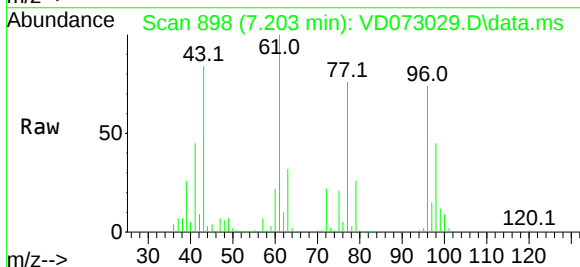
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

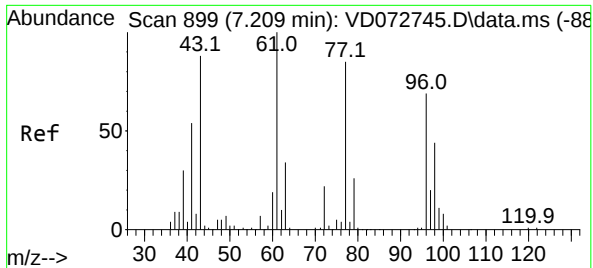
Tgt Ion: 43 Resp: 239950
Ion Ratio Lower Upper
43 100
72 26.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 40.923 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 77 Resp: 234597
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4

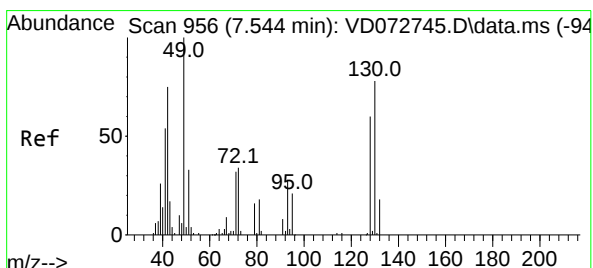
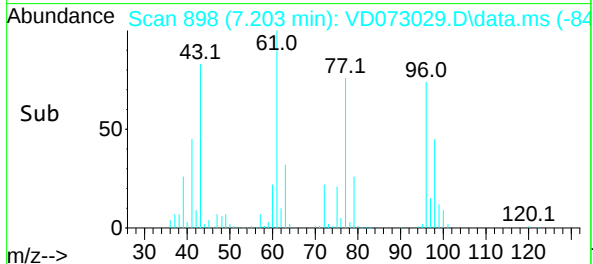
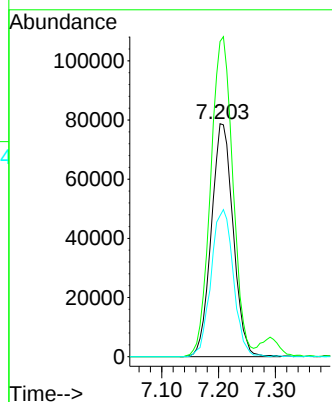
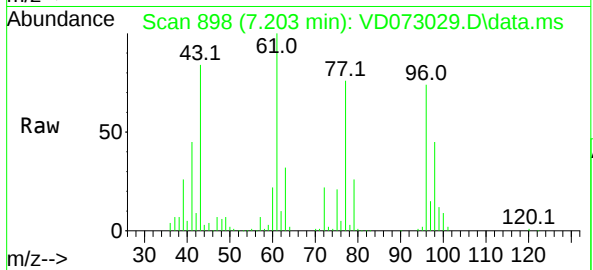




#27
cis-1,2-Dichloroethene
Concen: 50.414 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

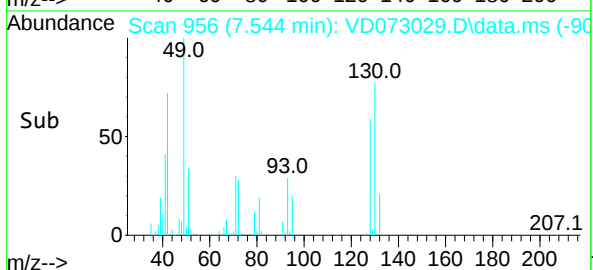
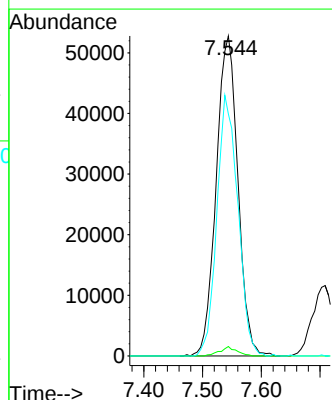
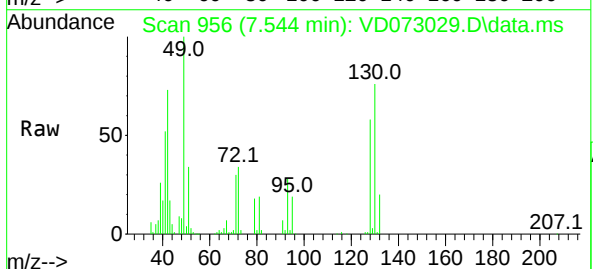
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96	Resp: 210451
Ion Ratio	Lower Upper
96	100
61	139.7 0.0 313.8
98	64.6 0.0 128.8



#28
Bromochloromethane
Concen: 53.574 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 49	Resp: 135474
Ion Ratio	Lower Upper
49	100
129	2.3 0.0 4.0
130	78.9 52.6 79.0





#29

Tetrahydrofuran

Concen: 246.881 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

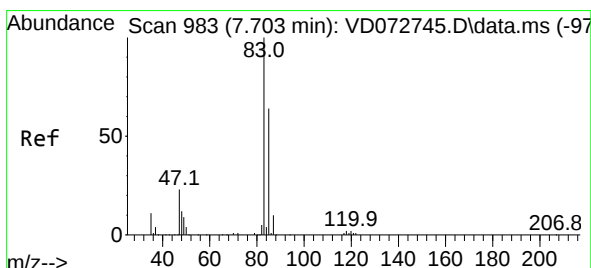
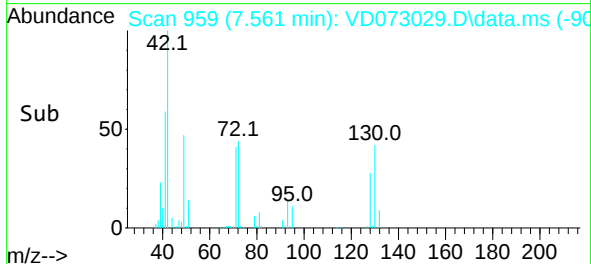
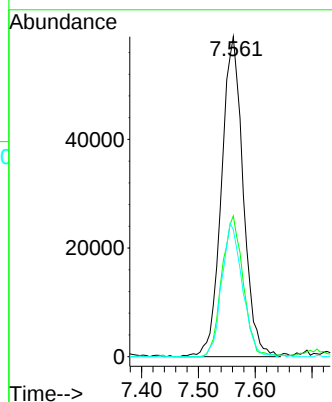
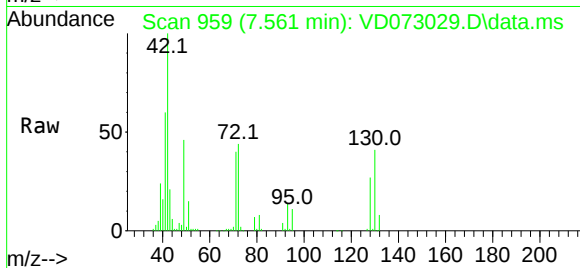
Tgt Ion: 42 Resp: 156861

Ion Ratio Lower Upper

42 100

72 43.1 30.7 46.1

71 39.6 28.6 43.0



#30

Chloroform

Concen: 49.699 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.005 min

Lab File: VD073029.D

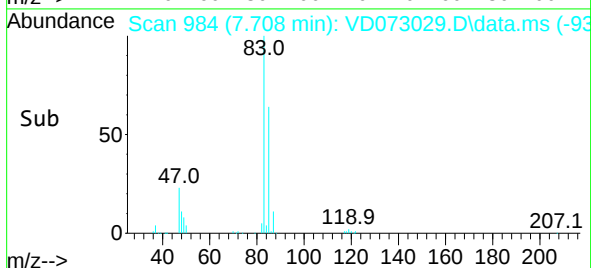
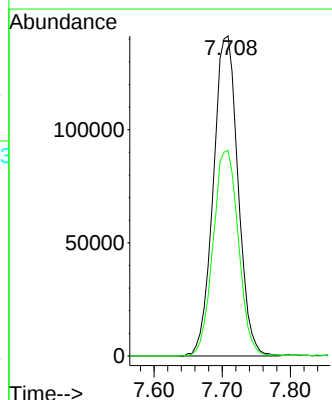
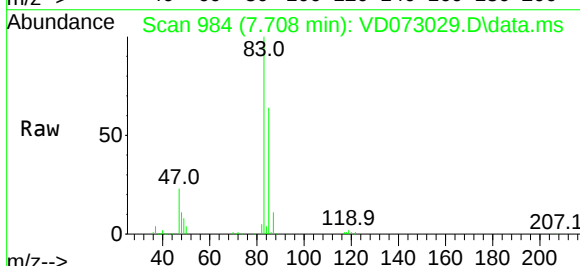
Acq: 14 May 2022 11:01

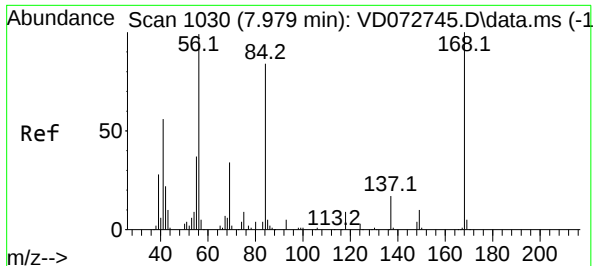
Tgt Ion: 83 Resp: 356597

Ion Ratio Lower Upper

83 100

85 64.2 52.7 79.1





#31

Cyclohexane

Concen: 41.590 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

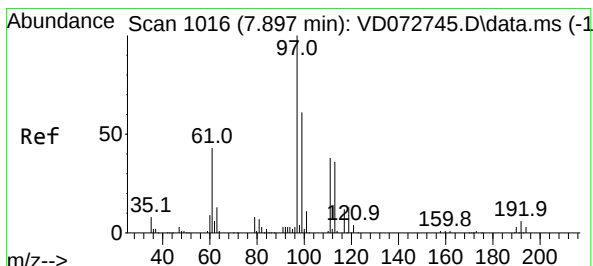
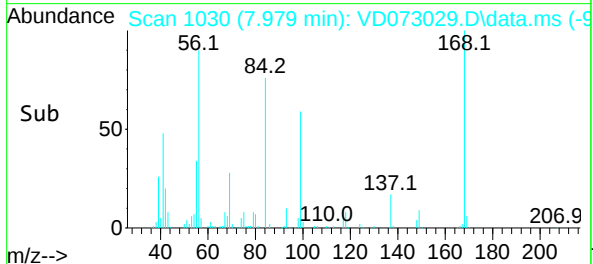
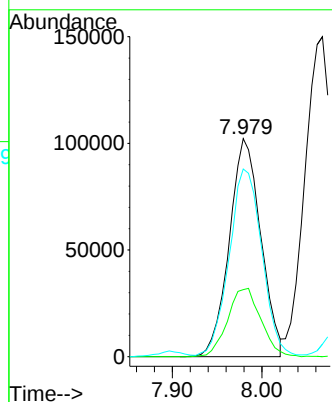
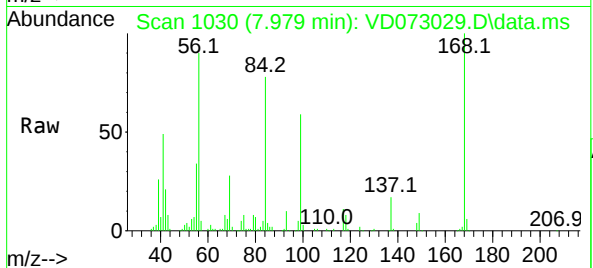
Tgt Ion: 56 Resp: 248727

Ion Ratio Lower Upper

56 100

69 30.7 25.4 38.2

84 84.2 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 49.415 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. 0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

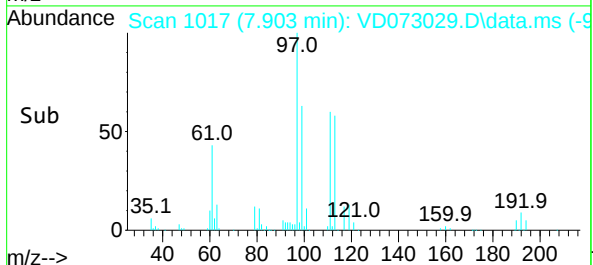
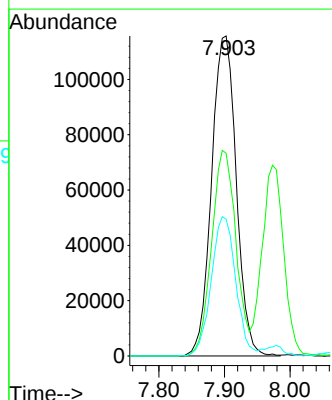
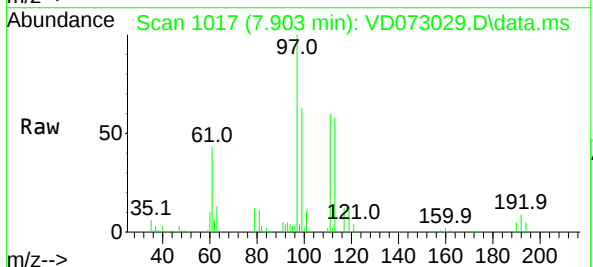
Tgt Ion: 97 Resp: 302182

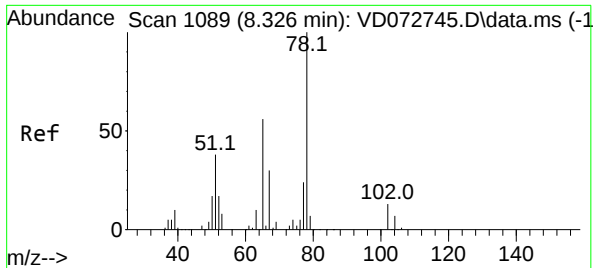
Ion Ratio Lower Upper

97 100

99 63.5 52.4 78.6

61 43.1 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.103 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

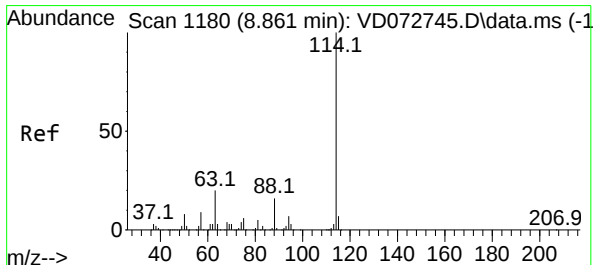
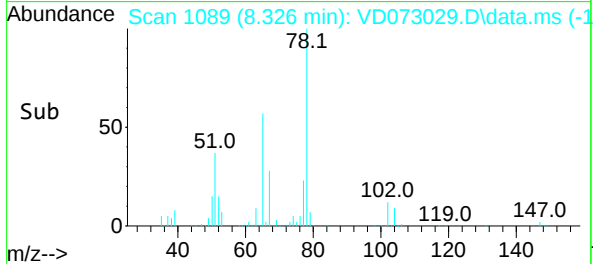
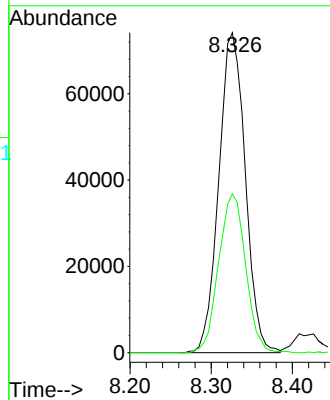
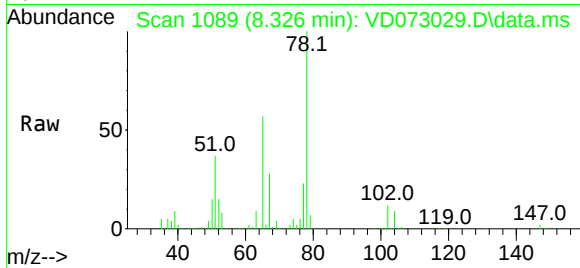
VSTDCCC050EC

Tgt Ion: 65 Resp: 167989

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

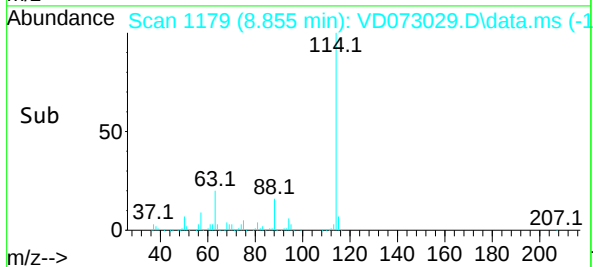
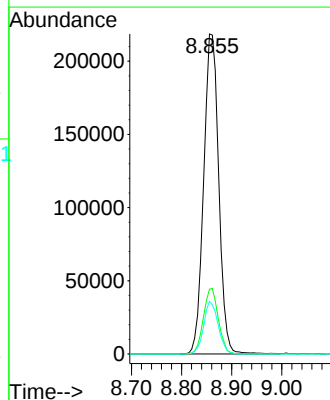
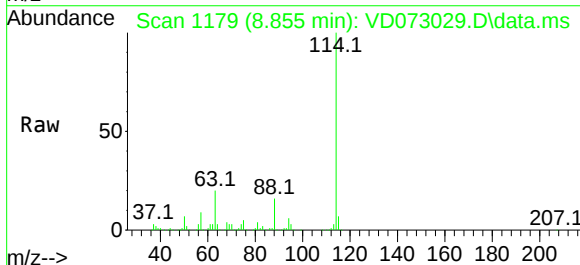
Tgt Ion: 114 Resp: 456449

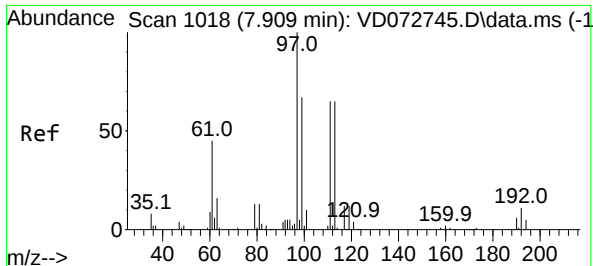
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.483 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

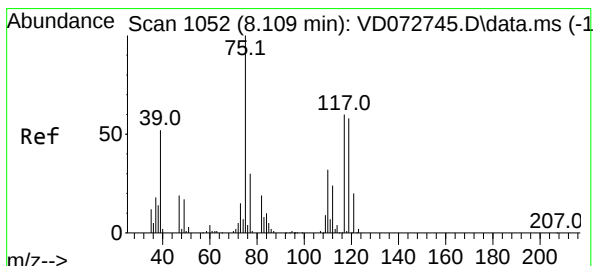
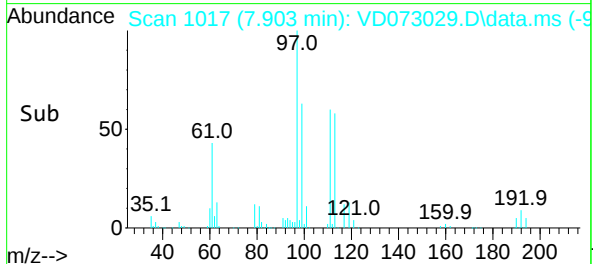
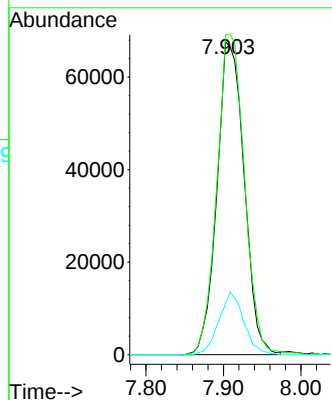
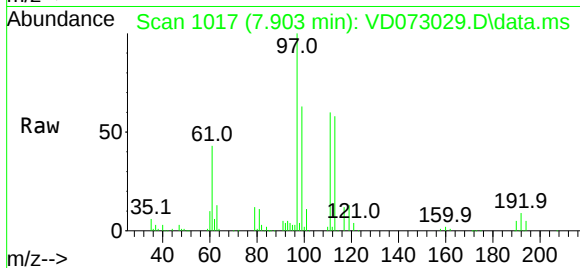
Tgt Ion:113 Resp: 165037

Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.053 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

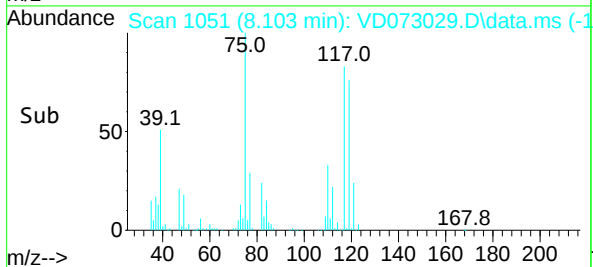
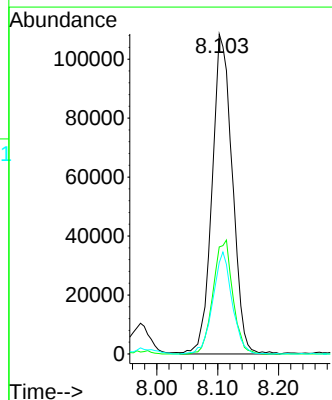
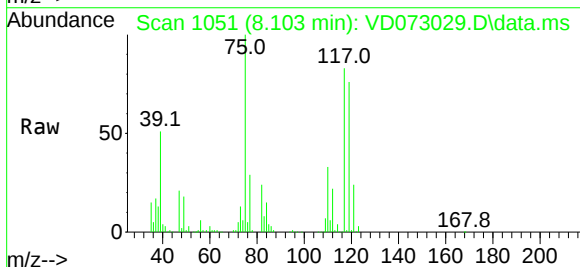
Tgt Ion: 75 Resp: 250480

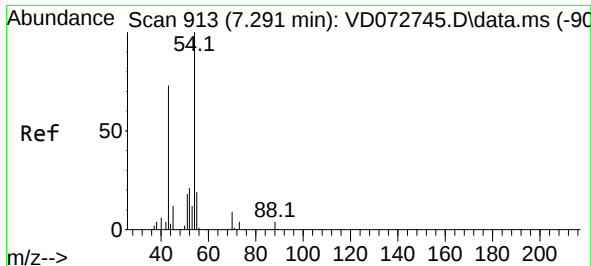
Ion Ratio Lower Upper

75 100

110 34.6 16.4 49.1

77 30.4 24.2 36.2

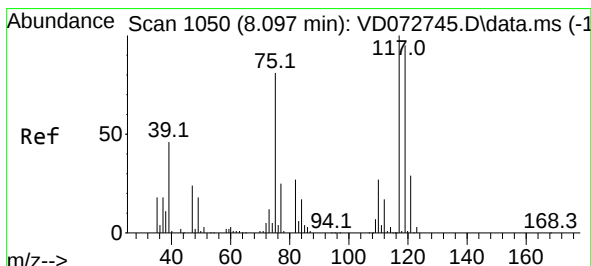
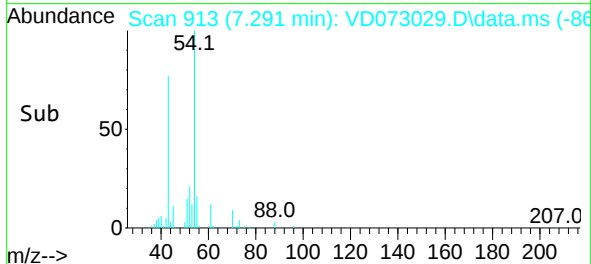
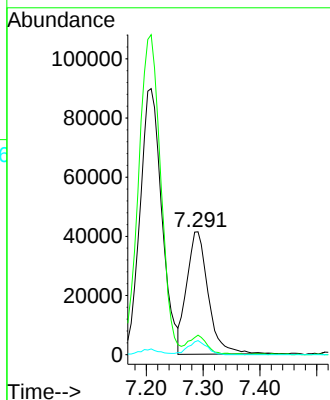
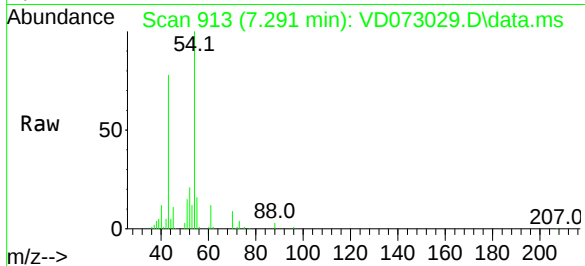




#37
Ethyl Acetate
Concen: 45.283 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

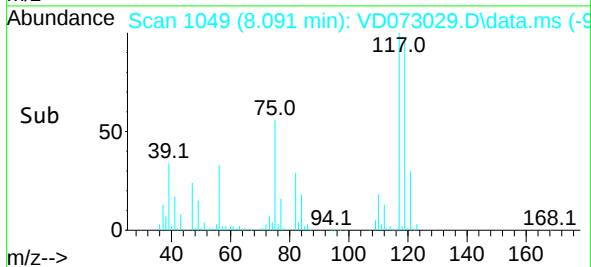
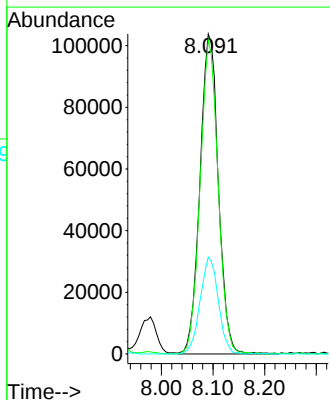
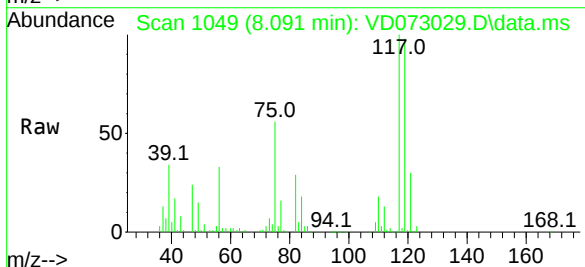
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

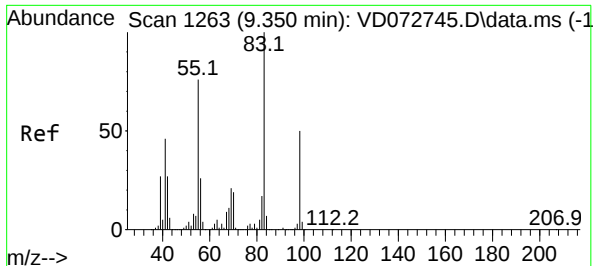
Tgt Ion: 43 Resp: 108508
Ion Ratio Lower Upper
43 100
61 13.4 9.8 14.8
70 10.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 47.460 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 117 Resp: 256799
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.6
121 30.3 24.5 36.7





#39

Methylcyclohexane

Concen: 43.074 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

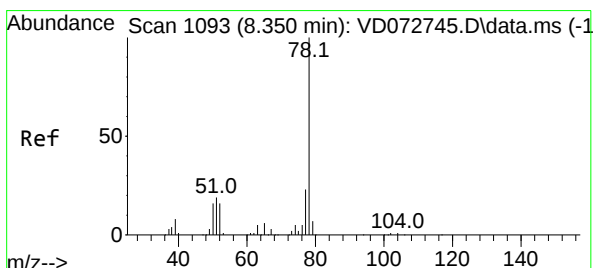
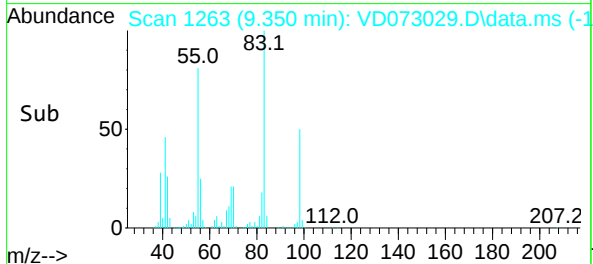
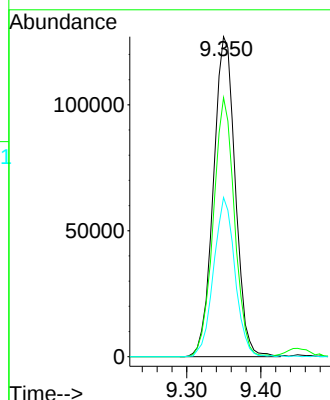
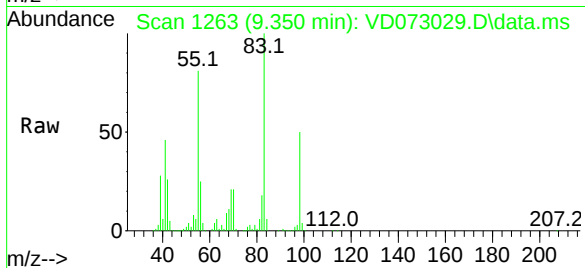
Tgt Ion: 83 Resp: 260433

Ion Ratio Lower Upper

83 100

55 81.0 63.2 94.8

98 49.8 38.2 57.4



#40

Benzene

Concen: 49.783 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD073029.D

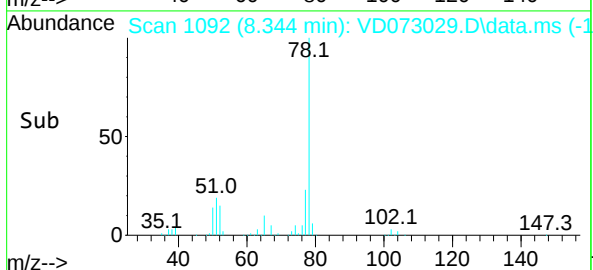
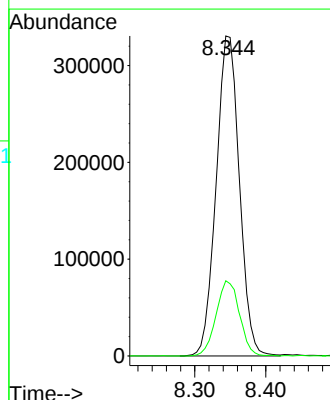
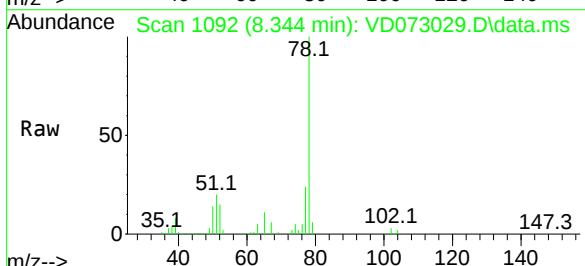
Acq: 14 May 2022 11:01

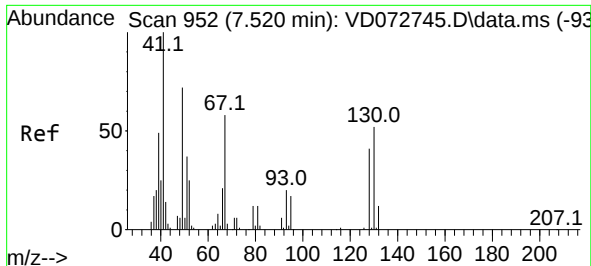
Tgt Ion: 78 Resp: 749387

Ion Ratio Lower Upper

78 100

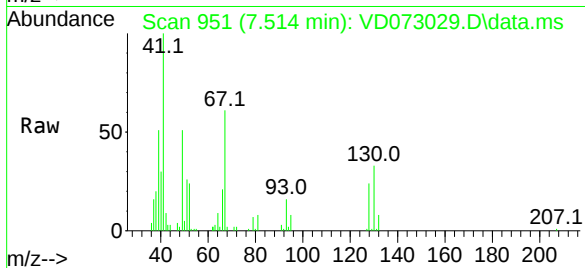
77 23.5 19.1 28.7



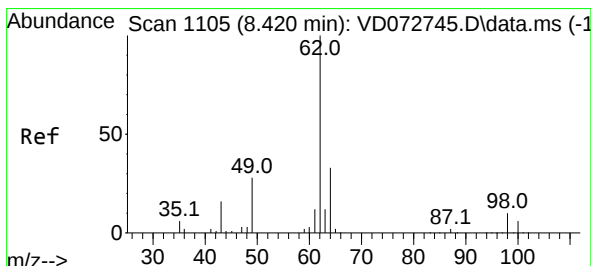
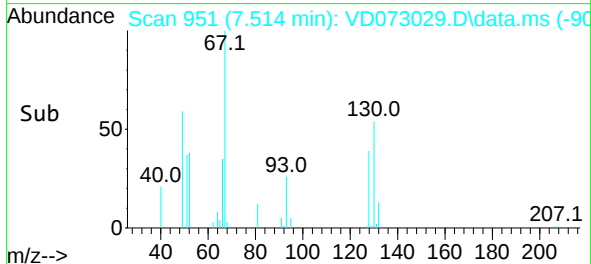
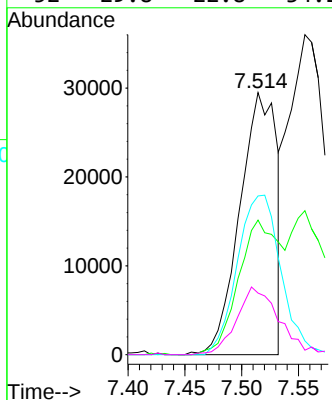


#41
Methacrylonitrile
Concen: 46.654 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

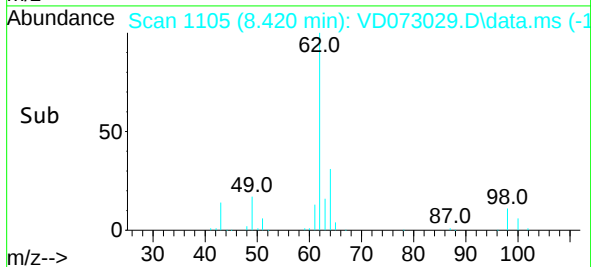
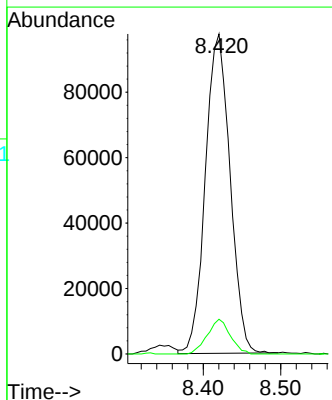
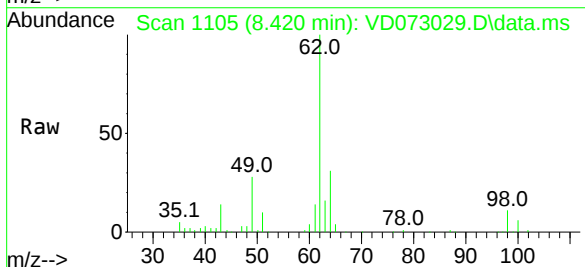


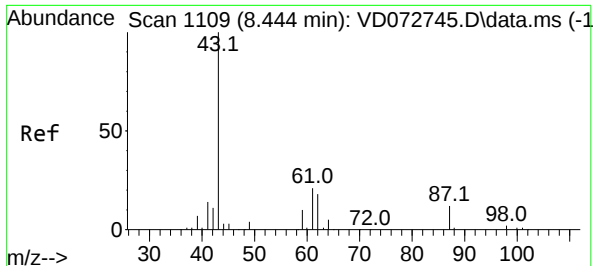
Tgt Ion: 41 Resp: 66566
Ion Ratio Lower Upper
41 100
39 59.0 44.6 67.0
67 71.7 48.2 72.4
52 29.8 22.8 34.2



#42
1,2-Dichloroethane
Concen: 47.621 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 62 Resp: 216016
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 48.185 ug/l

RT: 8.450 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

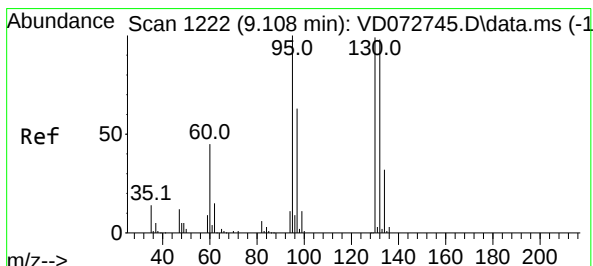
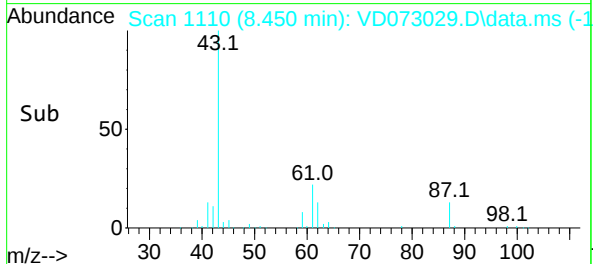
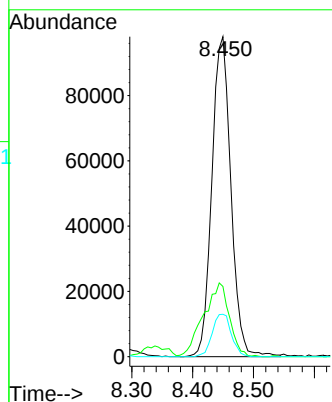
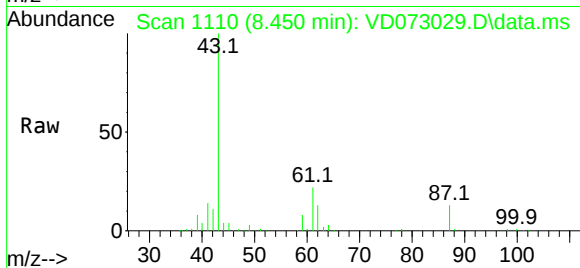
Tgt Ion: 43 Resp: 213108

Ion Ratio Lower Upper

43 100

61 31.2 22.4 33.6

87 13.3 8.7 13.1#



#44

Trichloroethene

Concen: 48.903 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073029.D

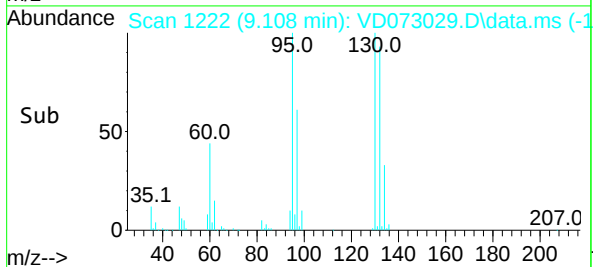
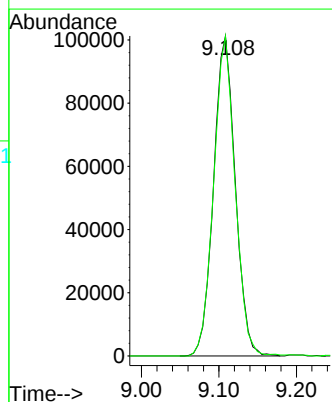
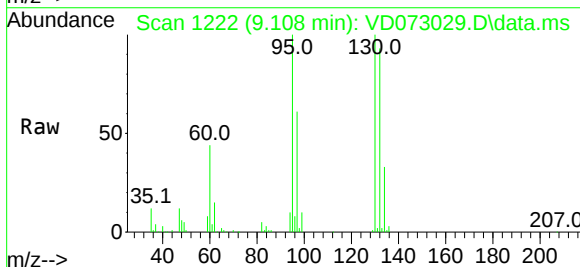
Acq: 14 May 2022 11:01

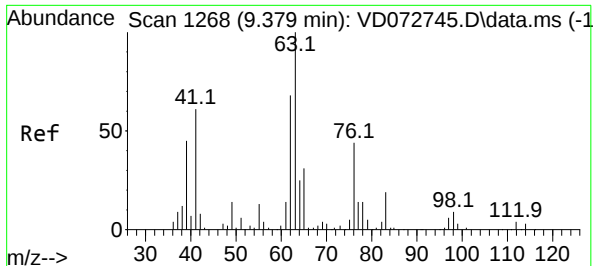
Tgt Ion:130 Resp: 196942

Ion Ratio Lower Upper

130 100

95 100.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.036 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

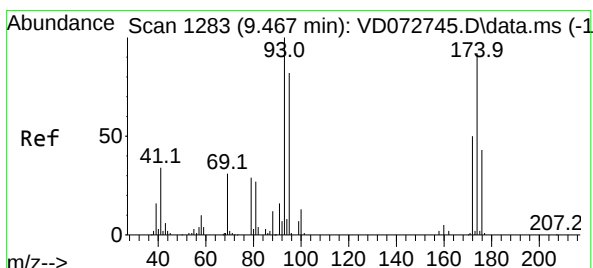
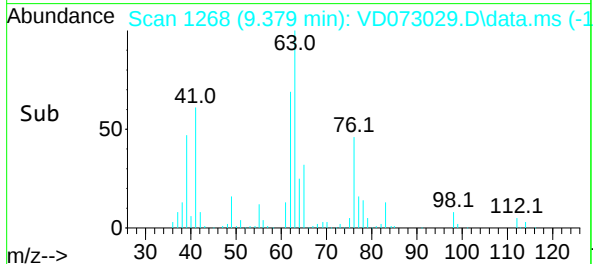
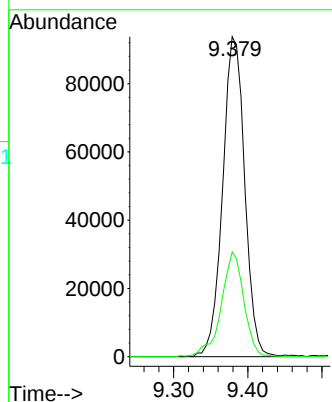
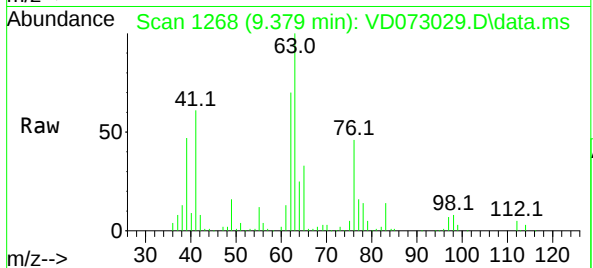
VSTDCCC050EC

Tgt Ion: 63 Resp: 193850

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 49.438 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

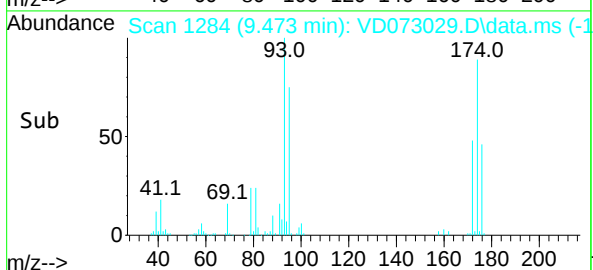
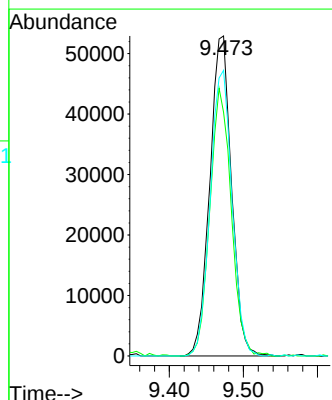
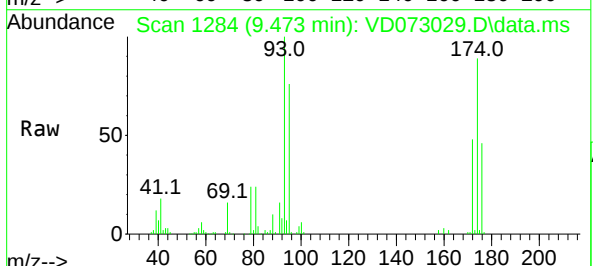
Tgt Ion: 93 Resp: 107807

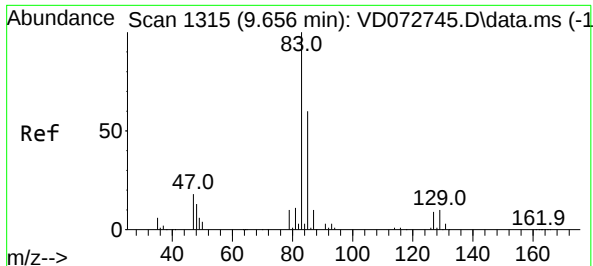
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 89.8 71.6 107.4

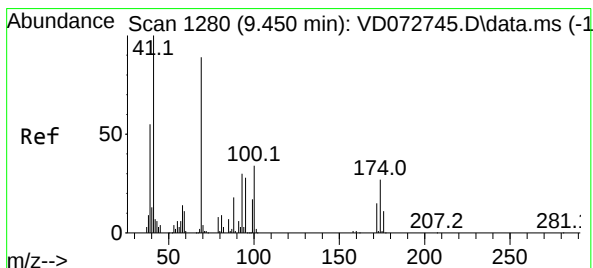
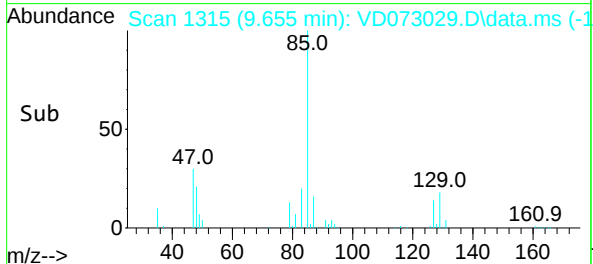
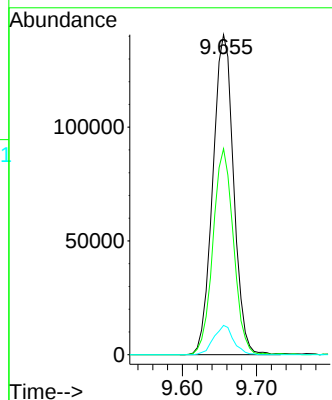
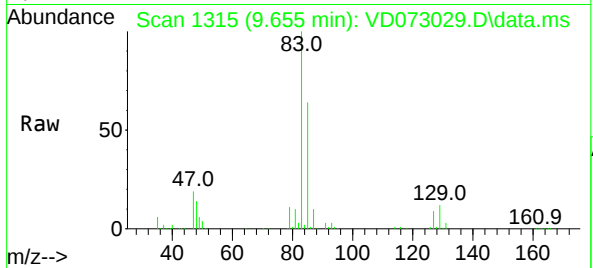




#47
Bromodichloromethane
Concen: 48.914 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

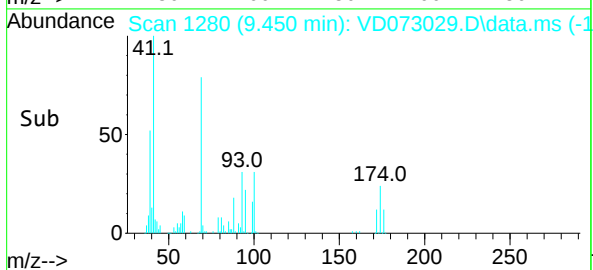
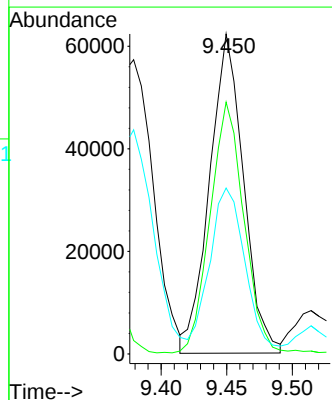
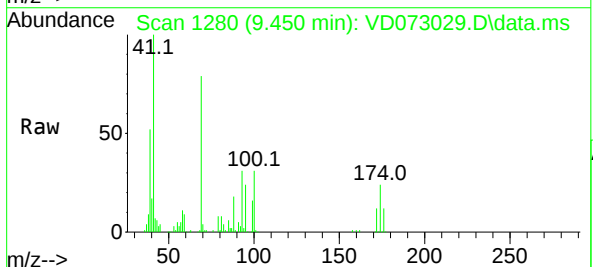
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

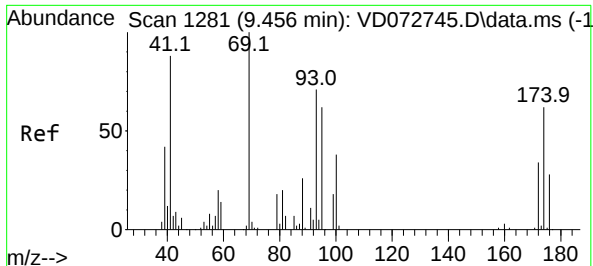
Tgt Ion: 83 Resp: 274399
Ion Ratio Lower Upper
83 100
85 64.3 51.4 77.0
127 9.2 6.1 9.1#



#48
Methyl methacrylate
Concen: 51.746 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 41 Resp: 111961
Ion Ratio Lower Upper
41 100
69 79.7 56.7 85.1
39 49.3 42.7 64.1





#49

1,4-Dioxane

Concen: 977.230 ug/l

RT: 9.450 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

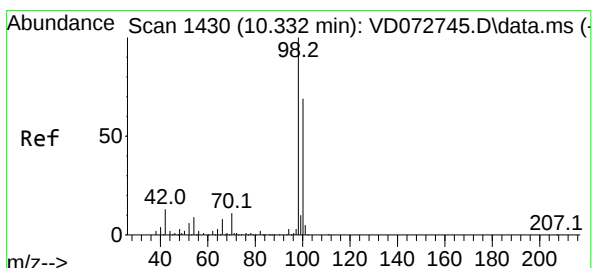
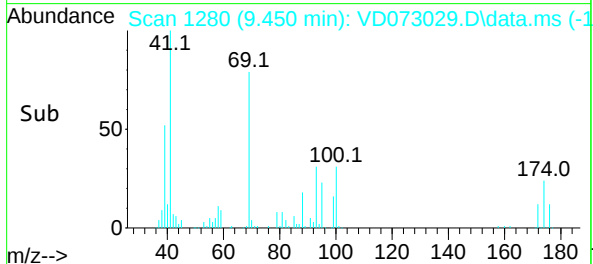
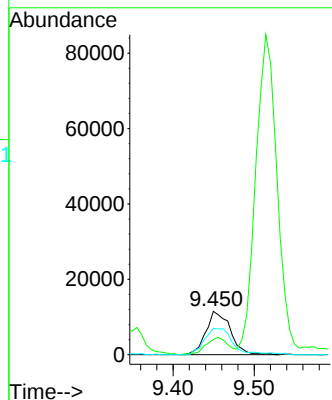
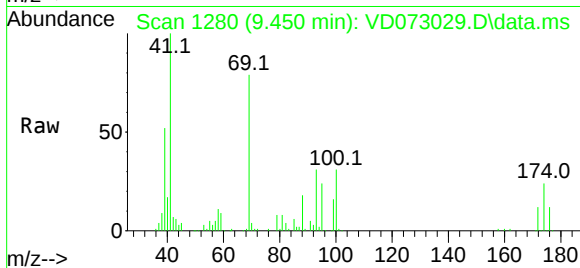
Tgt Ion: 88 Resp: 23997

Ion Ratio Lower Upper

88 100

43 37.7 31.0 46.4

58 71.1 58.1 87.1



#50

Toluene-d8

Concen: 52.049 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073029.D

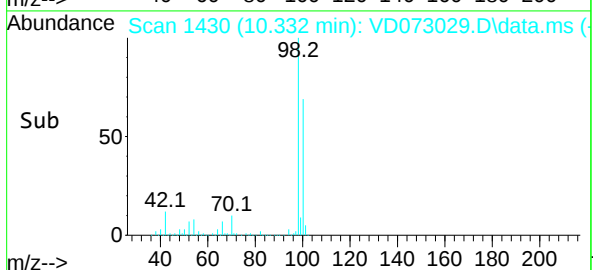
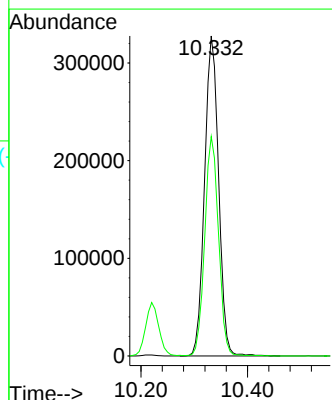
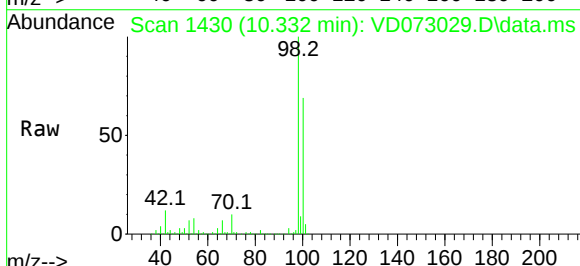
Acq: 14 May 2022 11:01

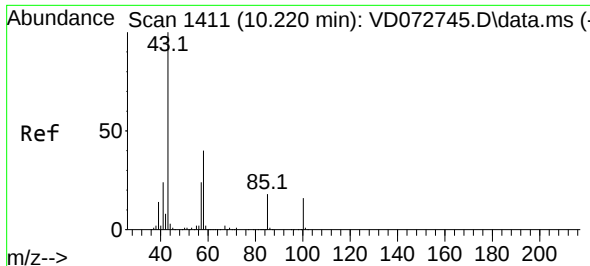
Tgt Ion: 98 Resp: 598521

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6

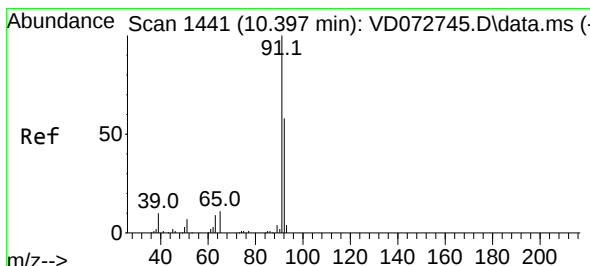
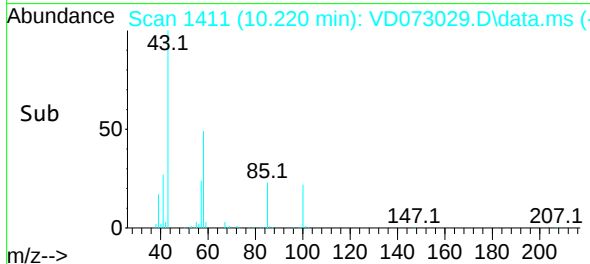
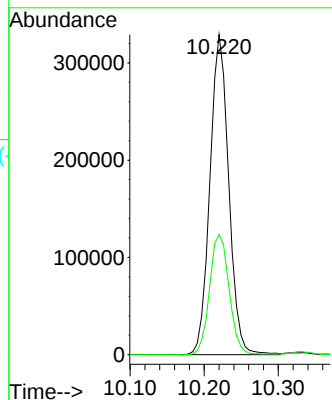
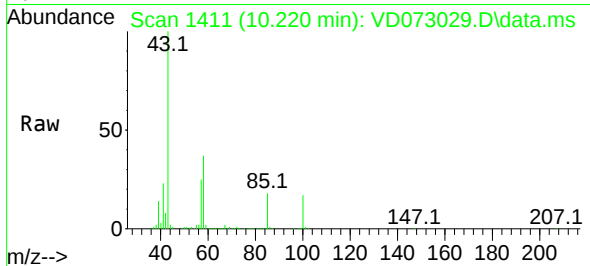




#51
4-Methyl-2-Pentanone
Concen: 252.705 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

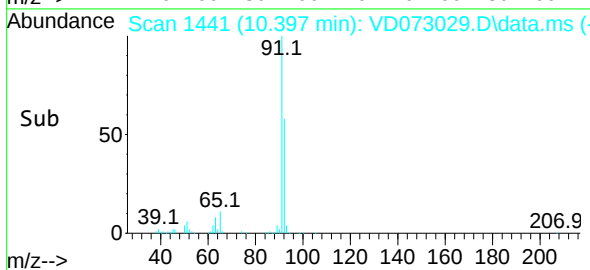
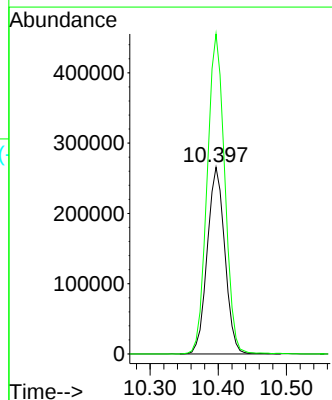
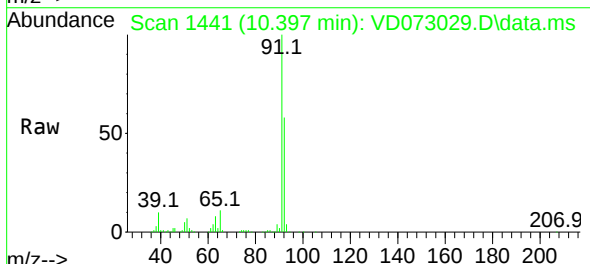
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

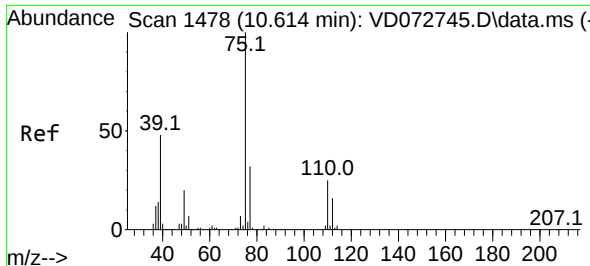
Tgt Ion: 43 Resp: 580768
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 50.752 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 92 Resp: 476563
Ion Ratio Lower Upper
92 100
91 171.4 139.6 209.4

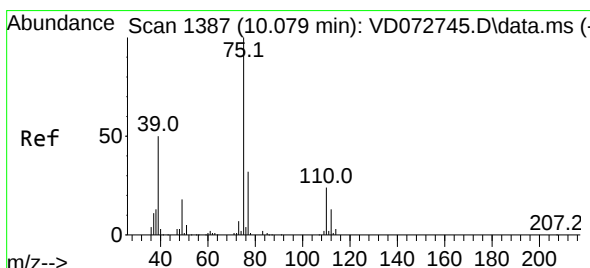
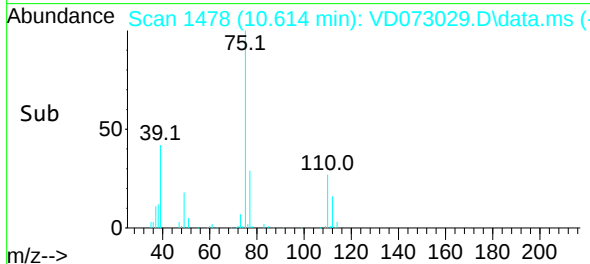
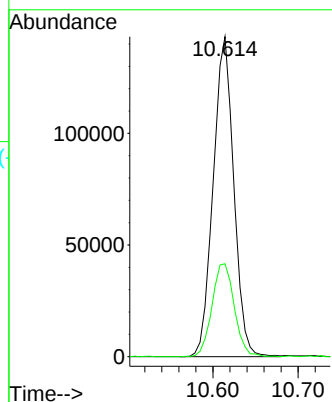
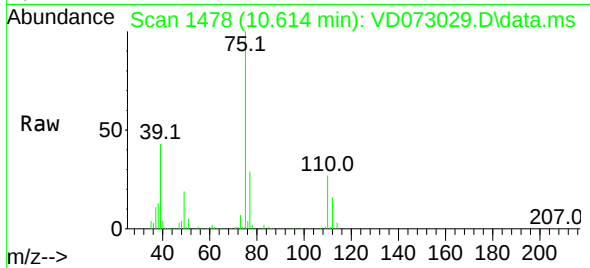




#53
t-1,3-Dichloropropene
Concen: 46.624 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

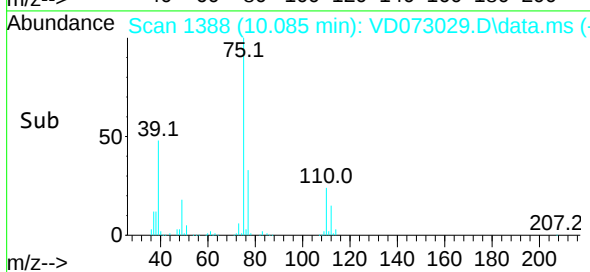
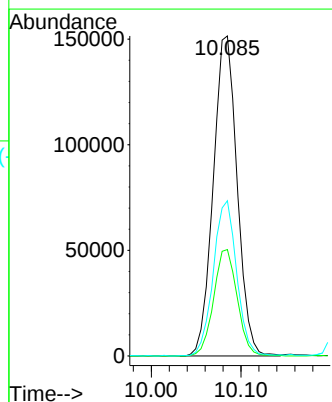
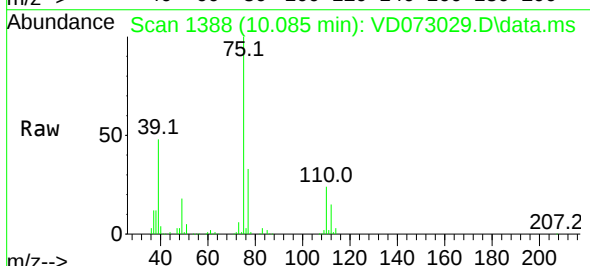
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

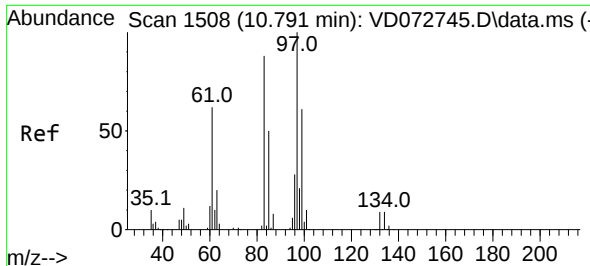
Tgt Ion: 75 Resp: 240243
Ion Ratio Lower Upper
75 100
77 29.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 46.868 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 75 Resp: 280575
Ion Ratio Lower Upper
75 100
77 33.3 24.8 37.2
39 48.4 46.8 70.2

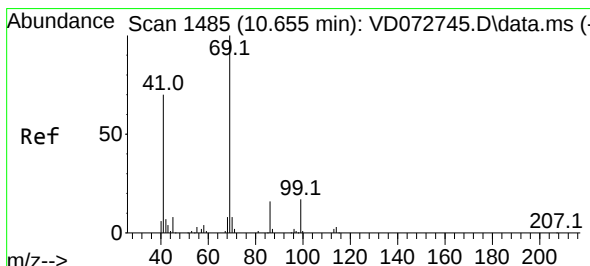
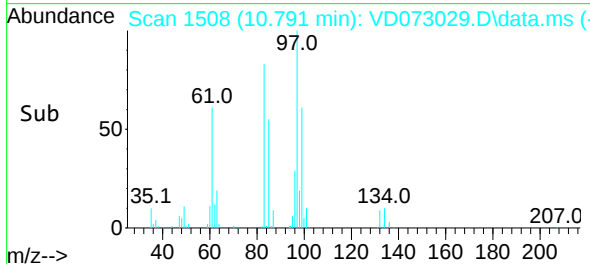
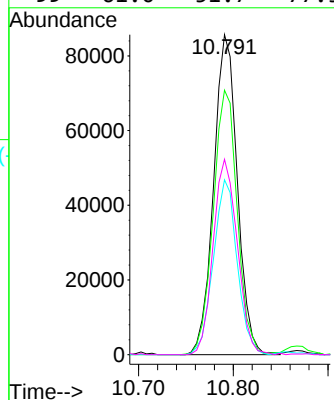
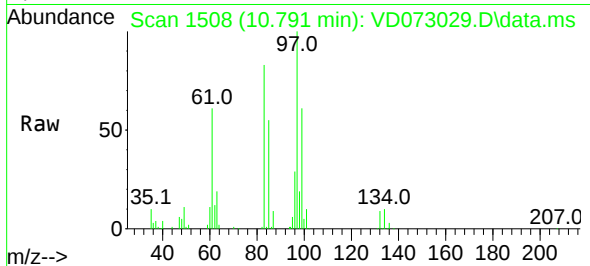




#55
 1,1,2-Trichloroethane
 Concen: 50.465 ug/l
 RT: 10.791 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

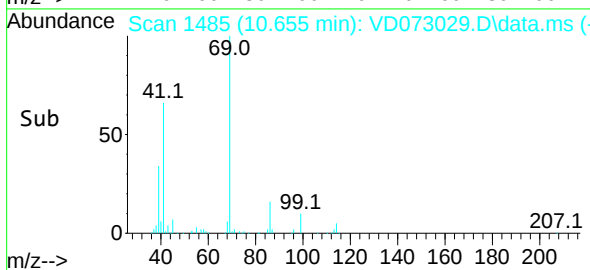
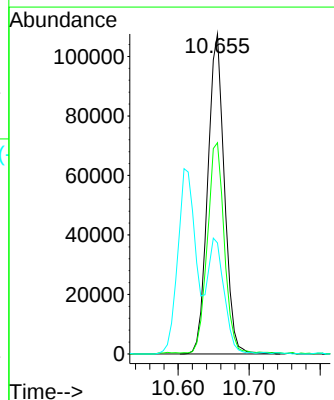
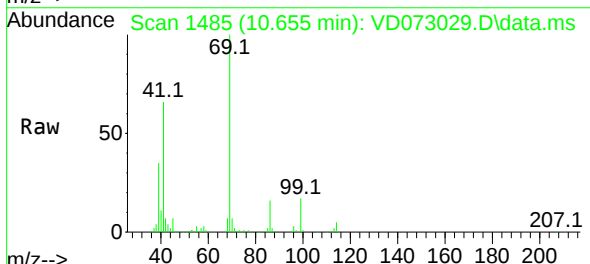
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

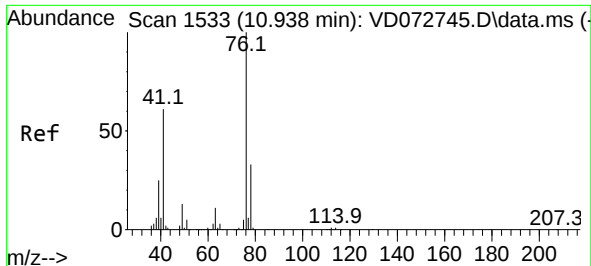
Tgt Ion:	97	Resp:	148768
Ion	Ratio	Lower	Upper
97	100		
83	82.7	69.0	103.4
85	54.6	42.6	63.8
99	61.0	51.7	77.5



#56
 Ethyl methacrylate
 Concen: 50.338 ug/l
 RT: 10.655 min Scan# 1485
 Delta R.T. 0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

Tgt Ion:	69	Resp:	174719
Ion	Ratio	Lower	Upper
69	100		
41	66.8	63.0	94.6
39	36.8	33.8	50.8

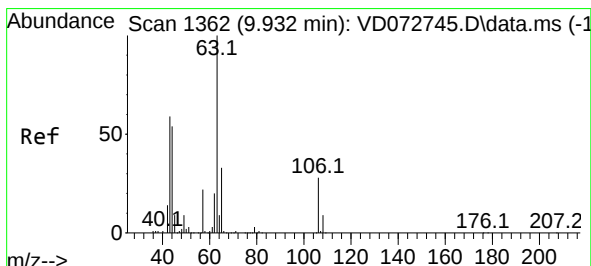
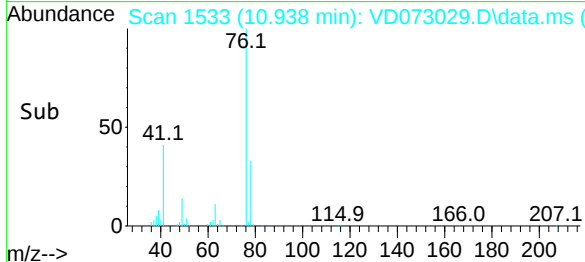
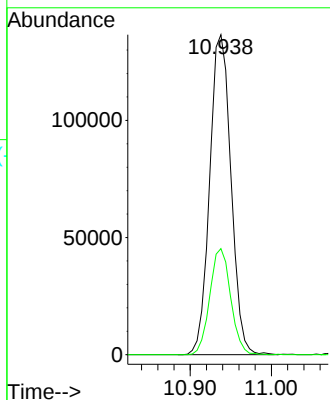
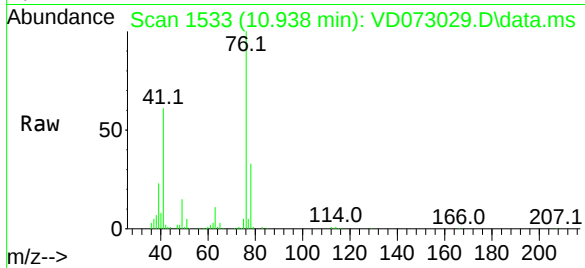




#57
1,3-Dichloropropane
Concen: 49.180 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

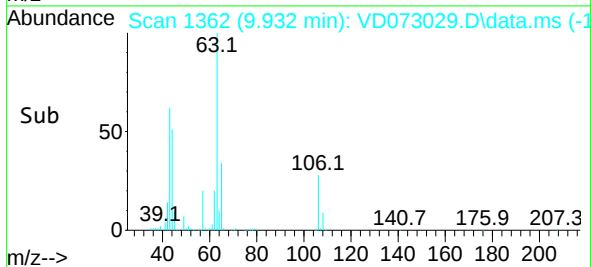
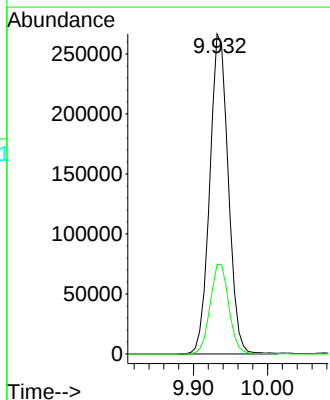
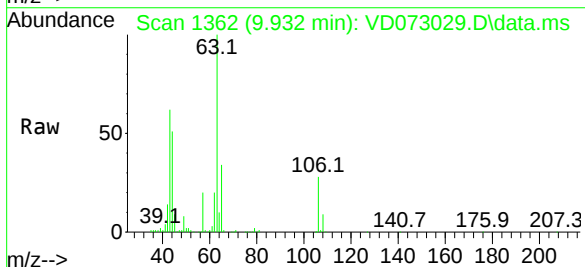
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

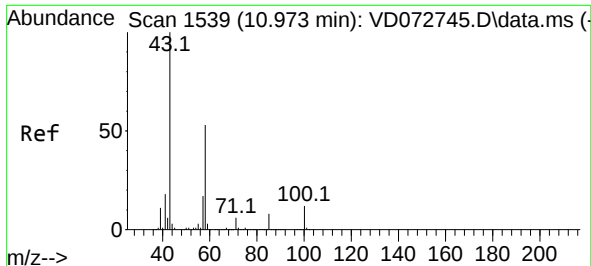
Tgt Ion: 76 Resp: 248796
Ion Ratio Lower Upper
76 100
78 32.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 275.103 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 63 Resp: 462955
Ion Ratio Lower Upper
63 100
106 28.2 21.4 32.0

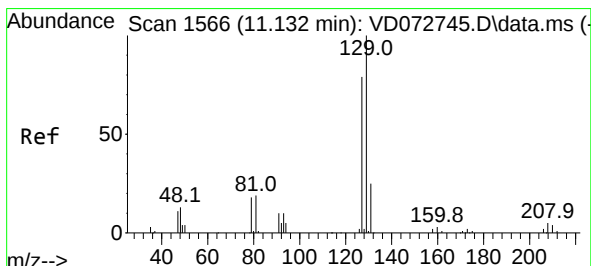
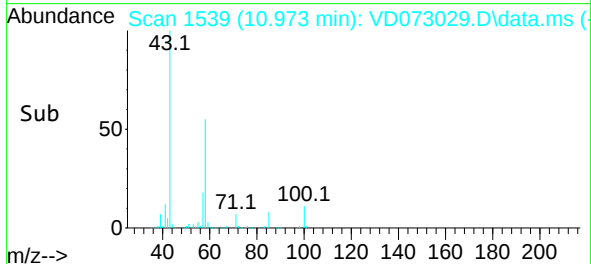
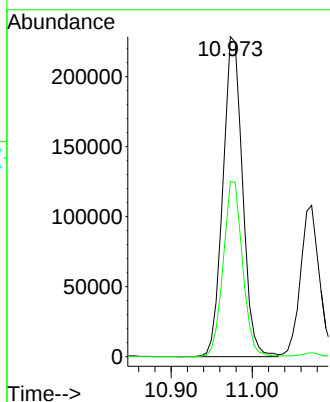
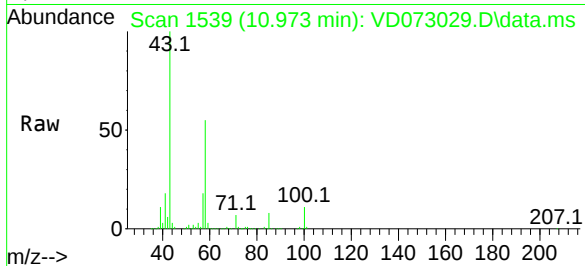




#59
2-Hexanone
Concen: 248.656 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

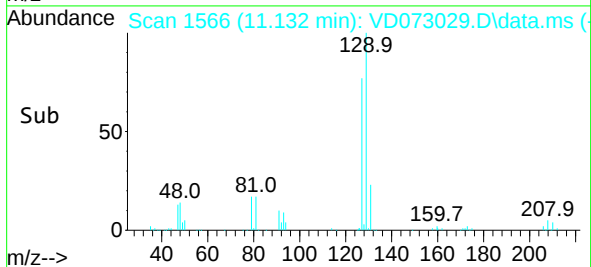
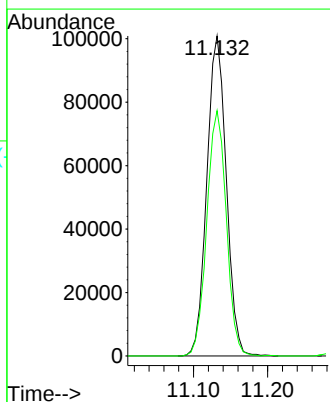
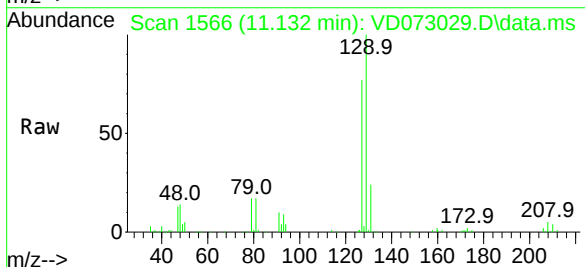
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

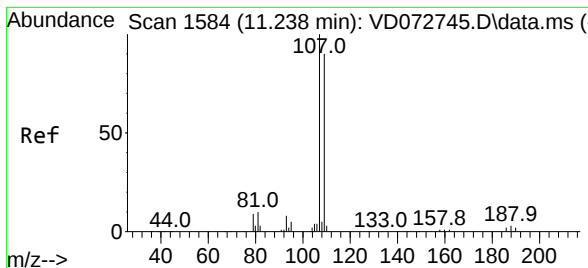
Tgt Ion: 43 Resp: 384529
Ion Ratio Lower Upper
43 100
58 54.2 25.3 75.9



#60
Dibromochloromethane
Concen: 49.555 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 129 Resp: 183901
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6

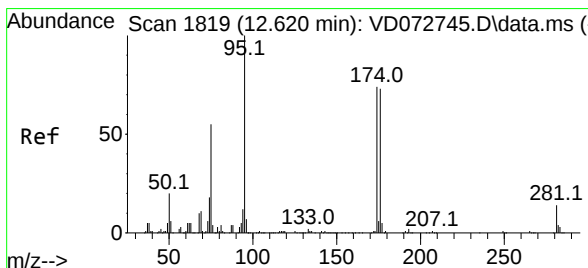
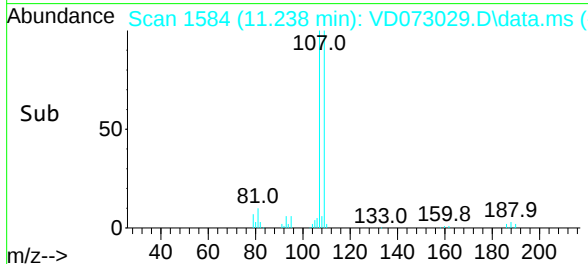
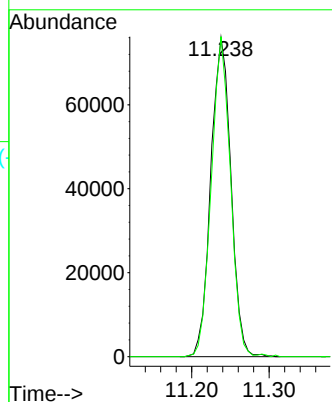
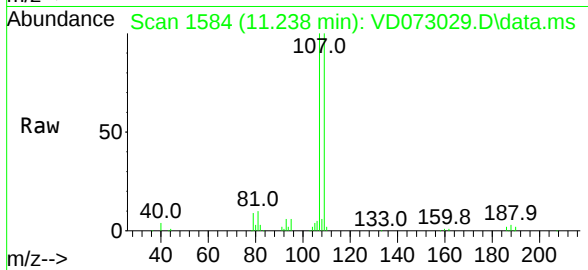




#61
1,2-Dibromoethane
Concen: 47.810 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

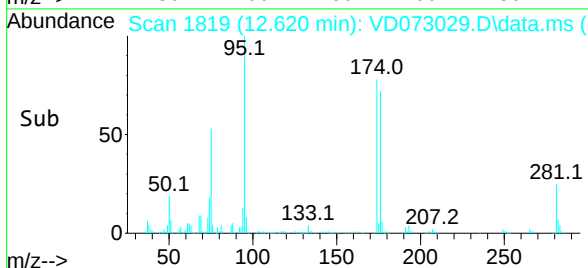
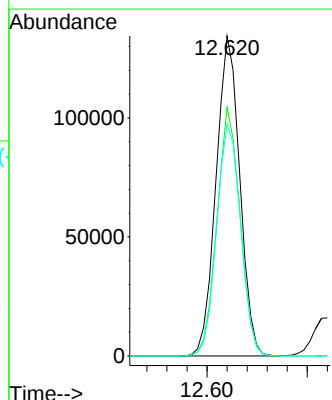
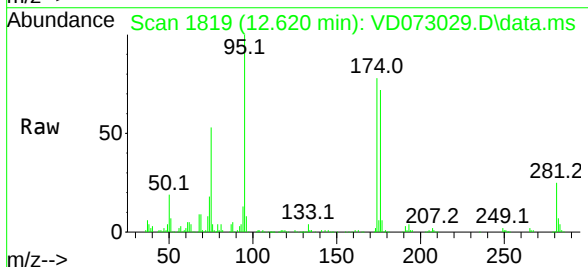
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

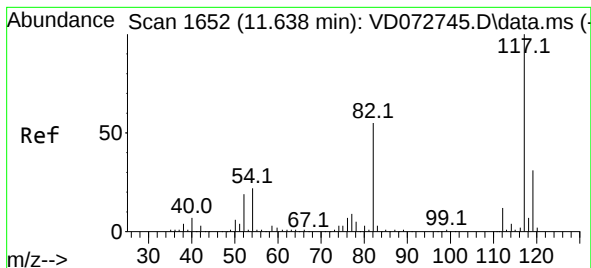
Tgt Ion:107 Resp: 137184
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.466 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 95 Resp: 220670
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.2 0.0 145.4

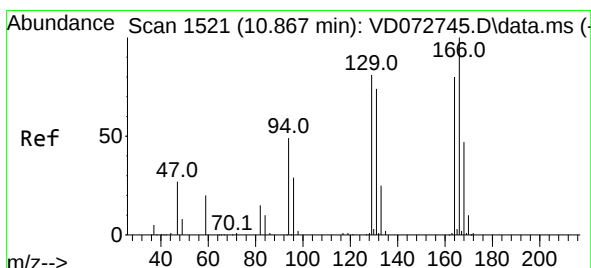
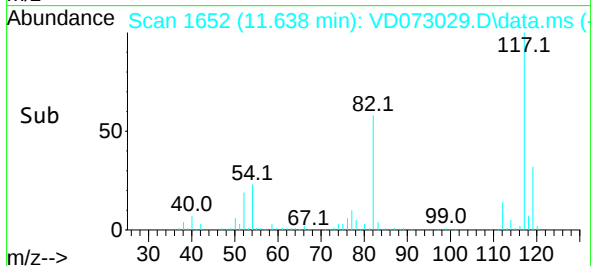
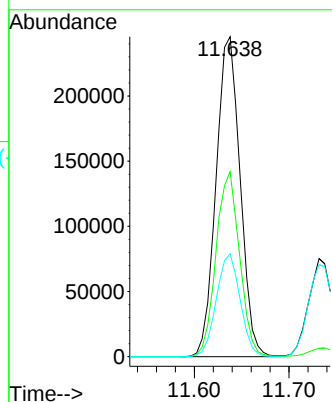
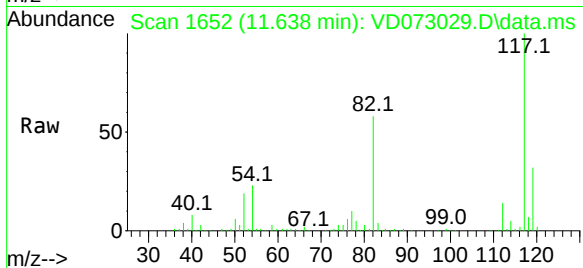




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

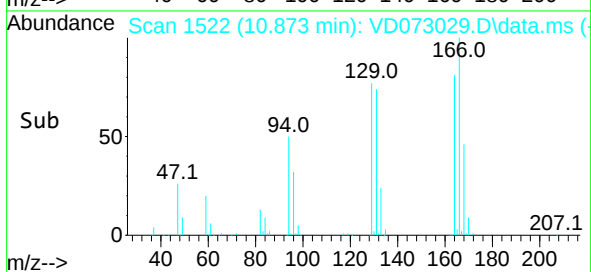
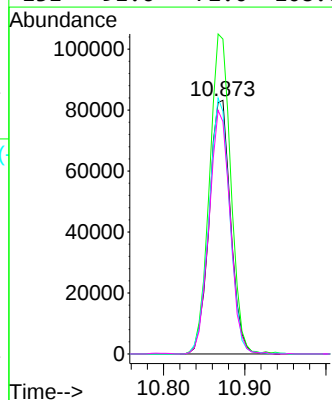
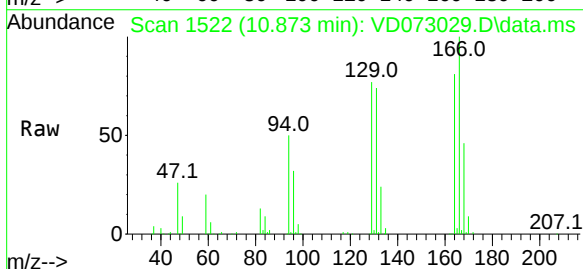
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

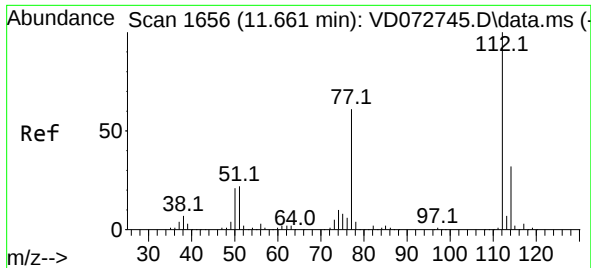
Tgt Ion:117 Resp: 434385
Ion Ratio Lower Upper
117 100
82 57.8 45.3 67.9
119 32.2 26.6 40.0



#64
Tetrachloroethene
Concen: 47.761 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion:164 Resp: 151684
Ion Ratio Lower Upper
164 100
166 124.2 98.5 147.7
129 95.6 74.6 111.8
131 91.6 72.0 108.0

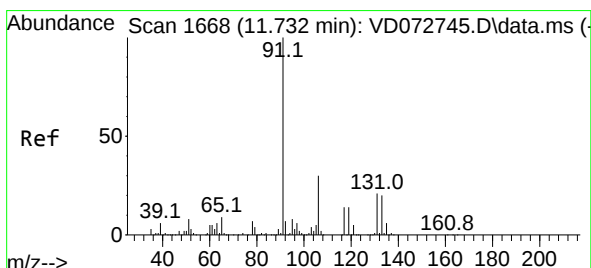
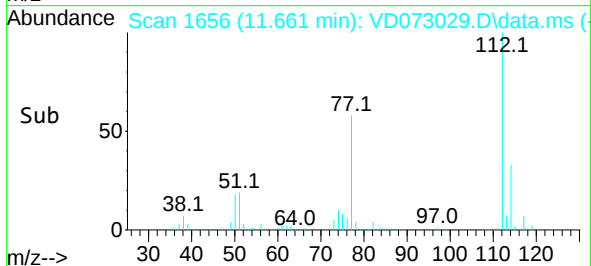
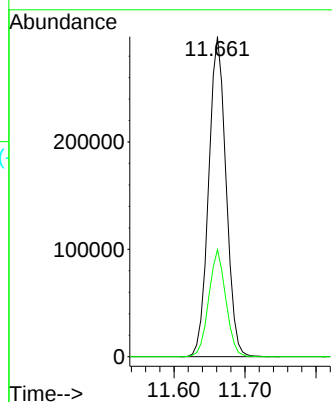
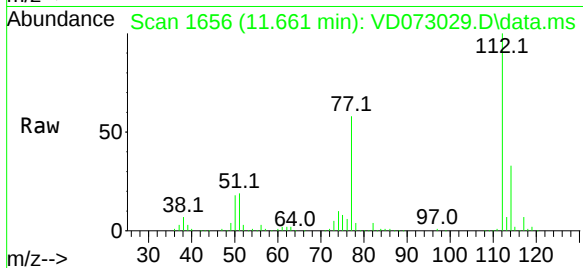




#65
Chlorobenzene
Concen: 50.430 ug/l
RT: 11.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

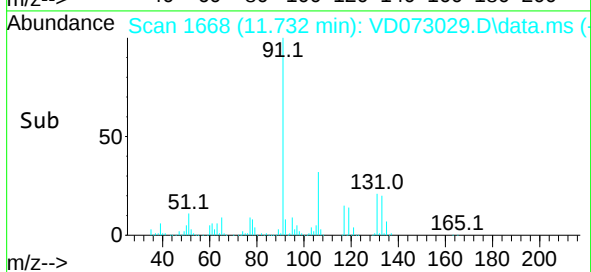
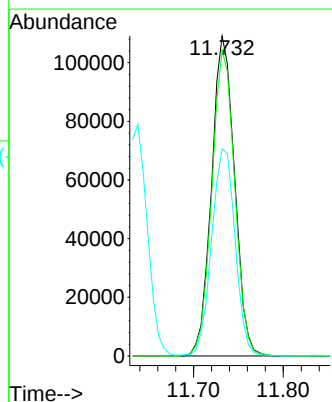
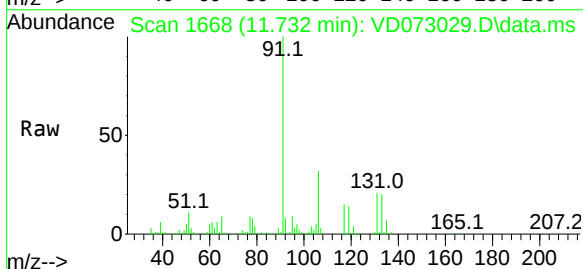
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

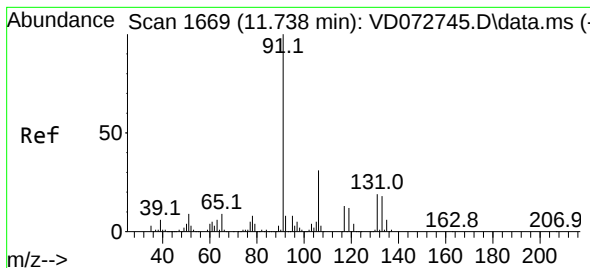
Tgt Ion:112 Resp: 506672
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.269 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion:131 Resp: 193585
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 66.5 31.9 95.9





#67

Ethyl Benzene

Concen: 52.072 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

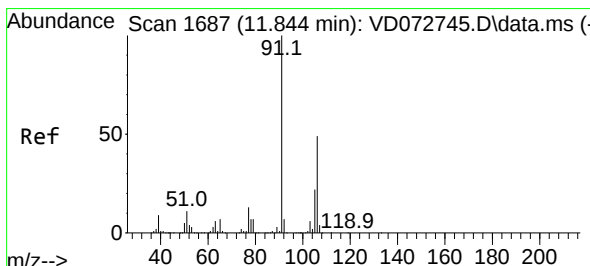
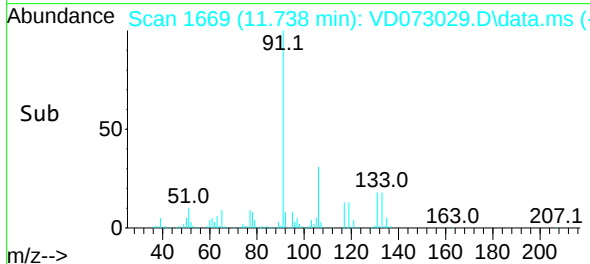
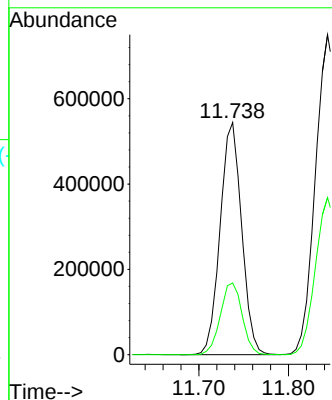
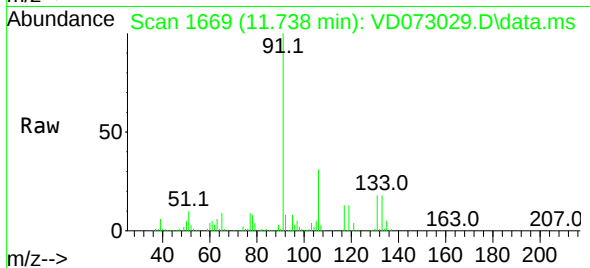
VSTDCCC050EC

Tgt Ion: 91 Resp: 905416

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 104.337 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073029.D

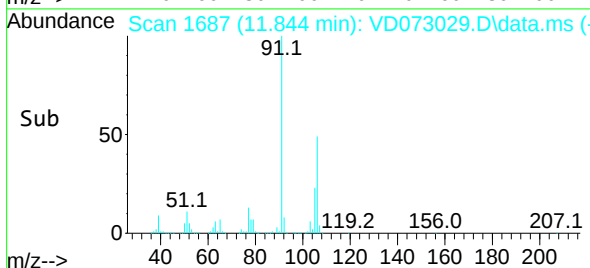
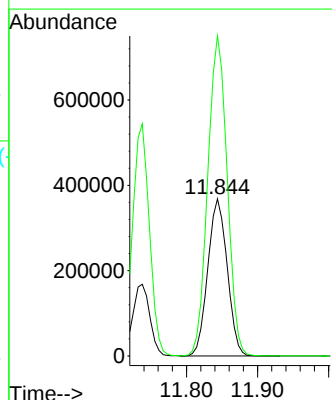
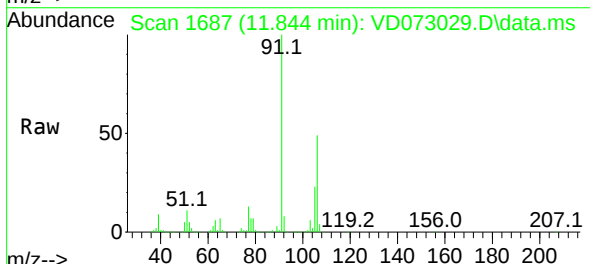
Acq: 14 May 2022 11:01

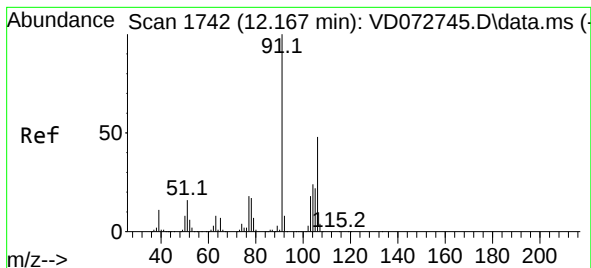
Tgt Ion: 106 Resp: 698825

Ion Ratio Lower Upper

106 100

91 203.6 163.7 245.5





#69

o-Xylene

Concen: 52.689 ug/l

RT: 12.173 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

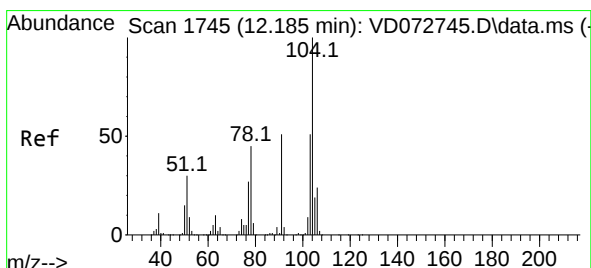
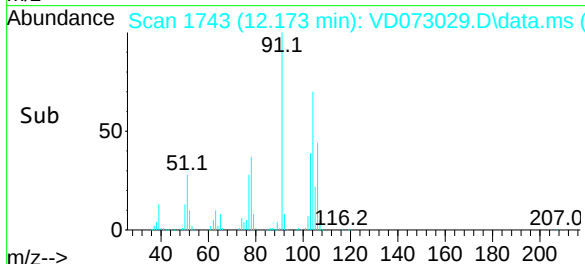
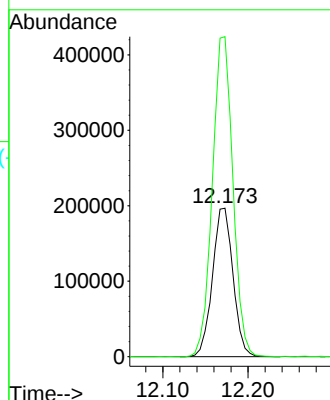
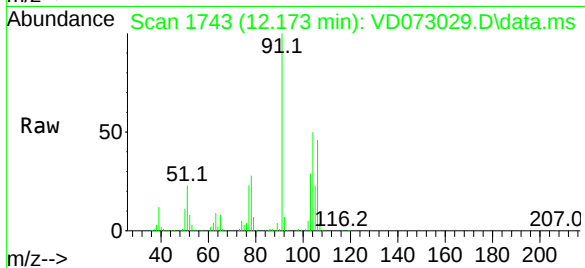
VSTDCCC050EC

Tgt Ion:106 Resp: 329584

Ion Ratio Lower Upper

106 100

91 215.8 110.4 331.2



#70

Styrene

Concen: 53.045 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

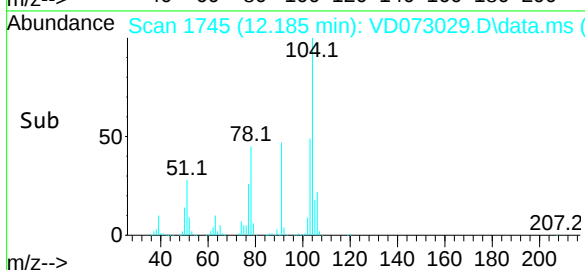
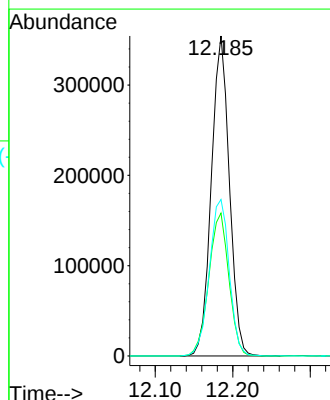
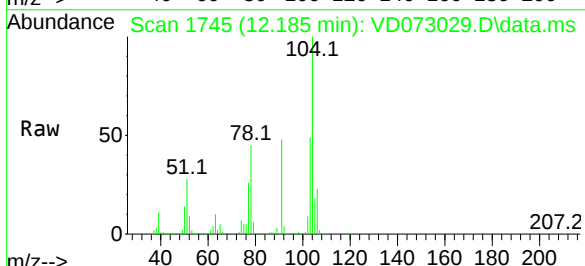
Tgt Ion:104 Resp: 574893

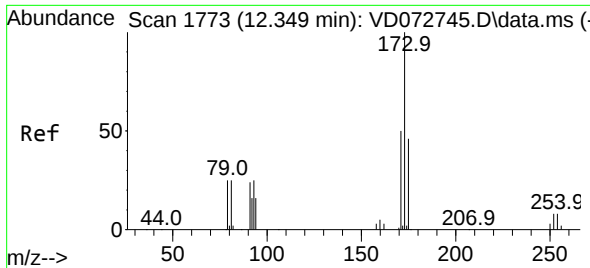
Ion Ratio Lower Upper

104 100

78 49.6 41.8 62.8

103 54.0 44.2 66.4

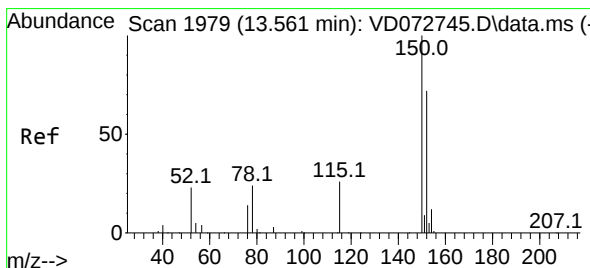
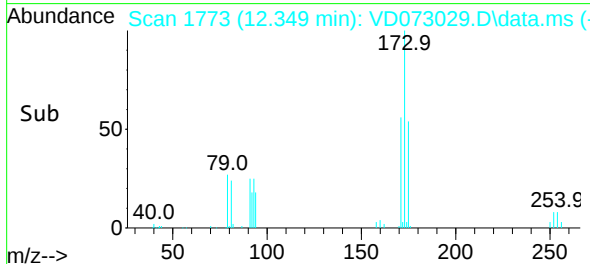
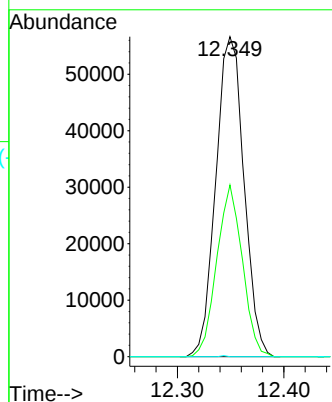
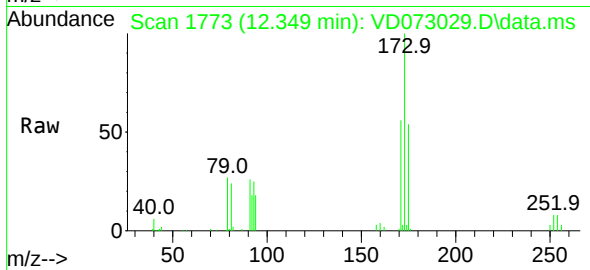




#71
Bromoform
Concen: 50.730 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

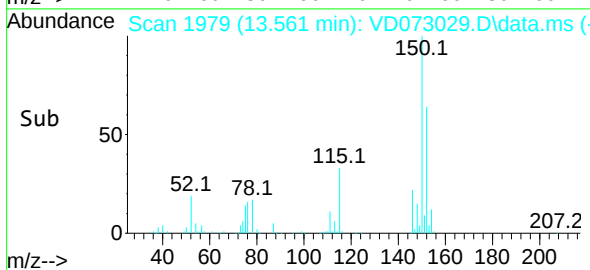
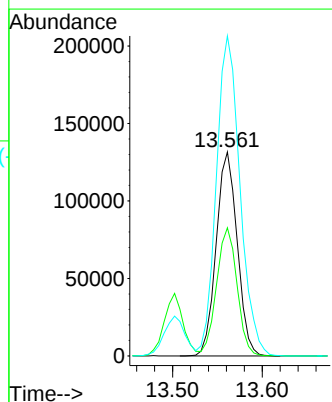
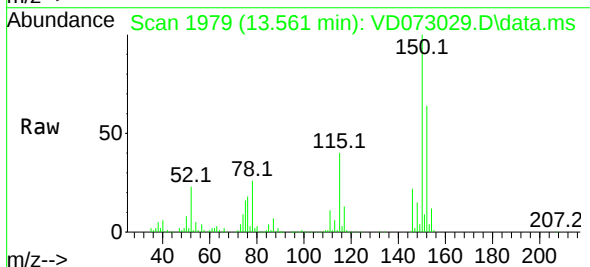
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

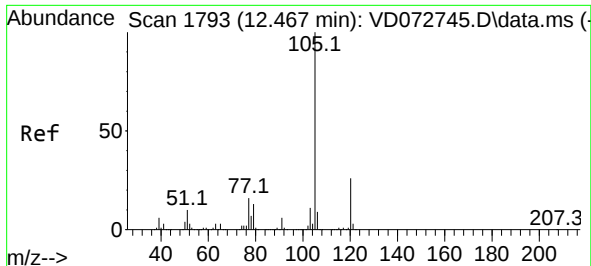
Tgt Ion:173 Resp: 103812
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion:152 Resp: 213981
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 176.6 0.0 348.6

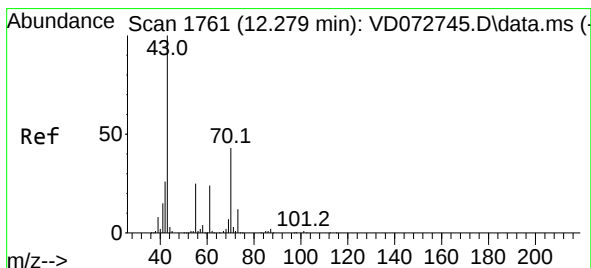
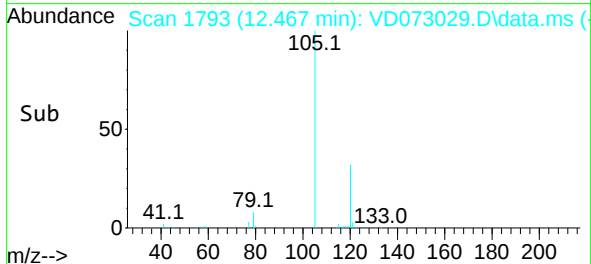
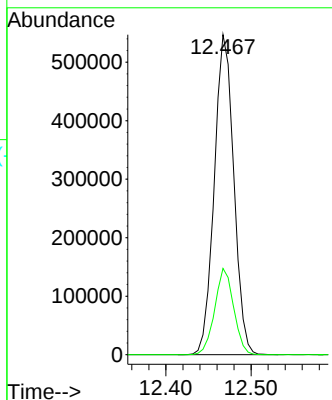
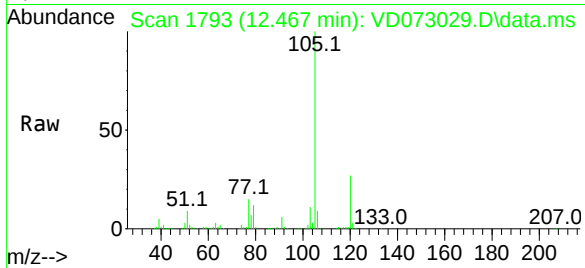




#73
Isopropylbenzene
Concen: 52.257 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

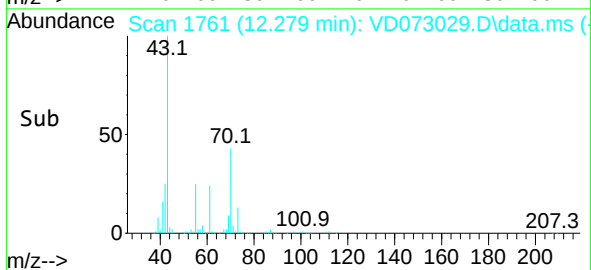
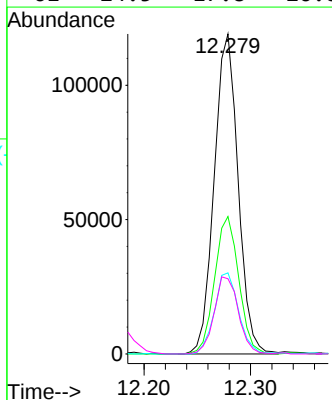
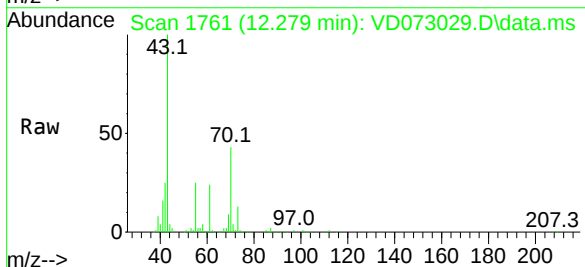
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

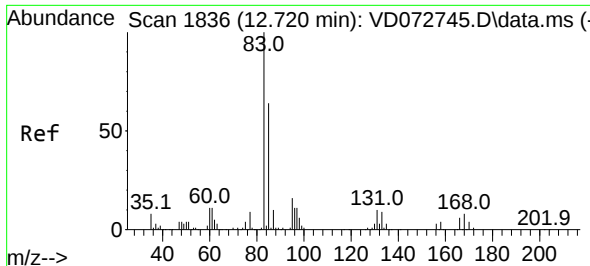
Tgt Ion:105 Resp: 869992
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9



#74
N-ethyl acetate
Concen: 44.698 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 43 Resp: 185315
Ion Ratio Lower Upper
43 100
70 43.3 31.3 46.9
55 25.9 20.0 30.0
61 24.5 17.8 26.8

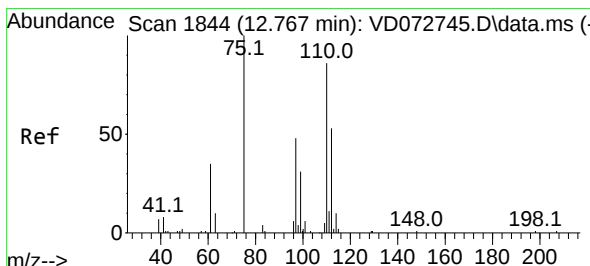
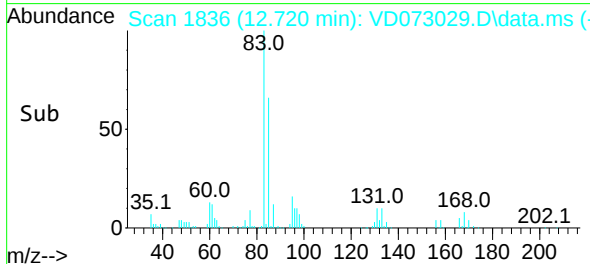
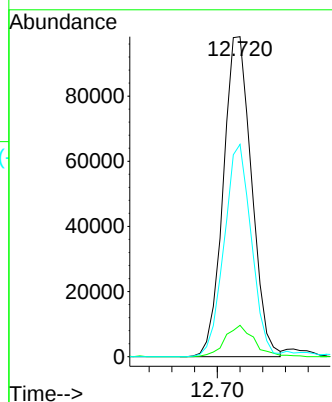
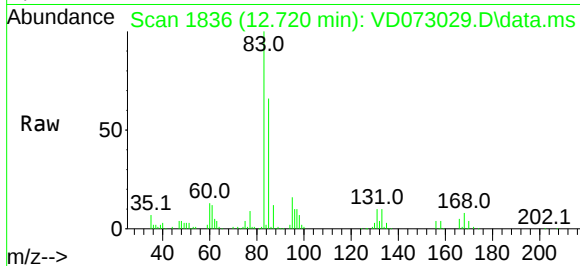




#75
1,1,2-Tetrachloroethane
Concen: 50.577 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

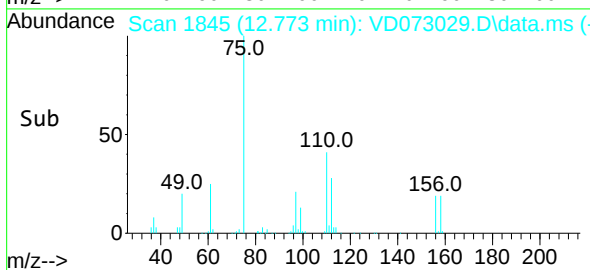
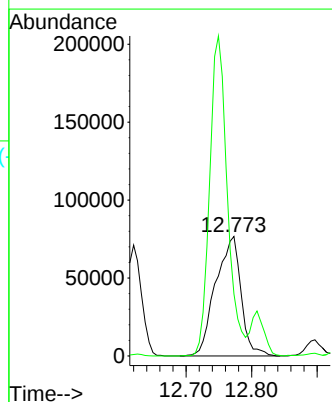
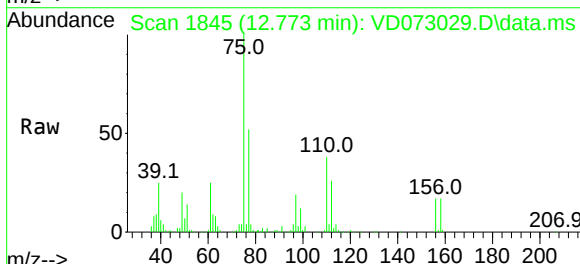
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

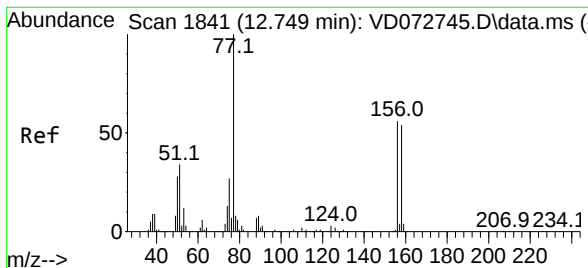
Tgt Ion: 83 Resp: 169973
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 63.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 86.451 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 75 Resp: 206274
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

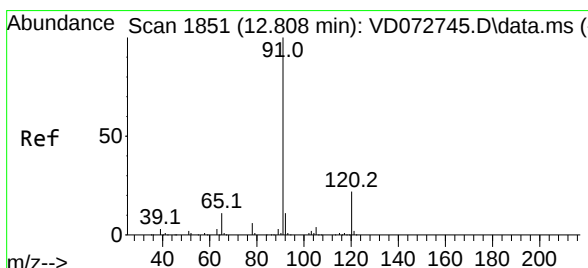
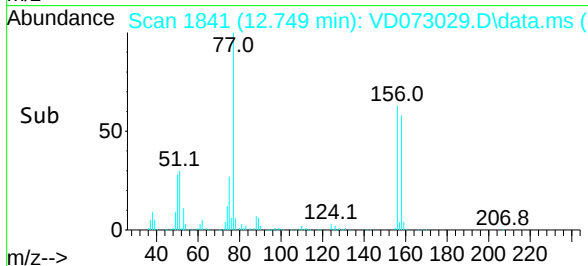
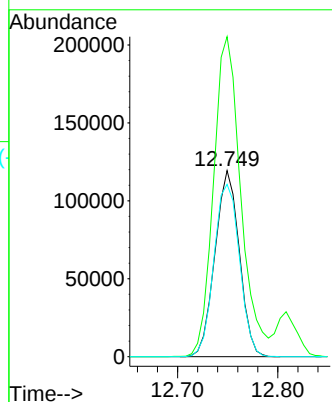
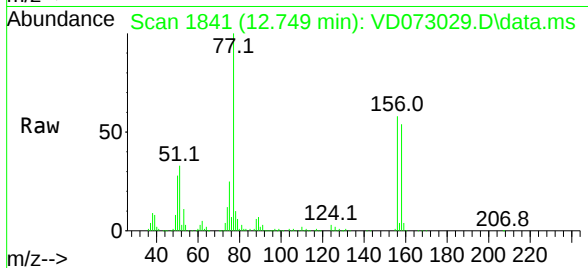




#77
Bromobenzene
Concen: 50.769 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

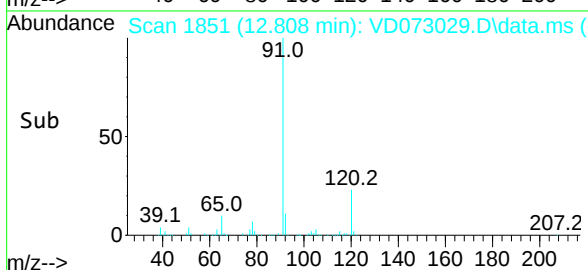
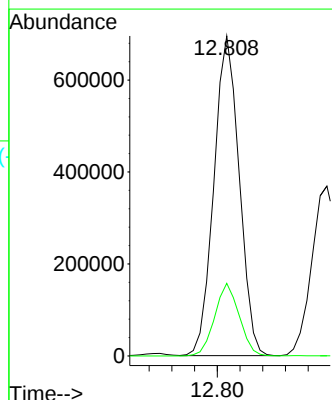
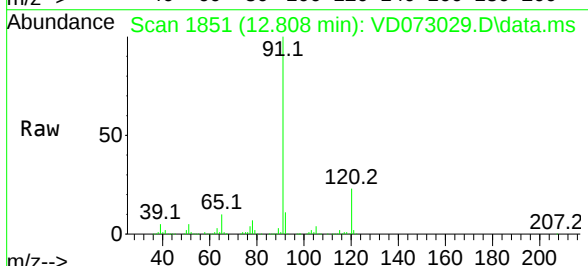
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

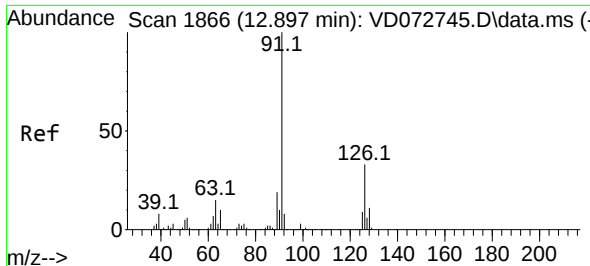
Tgt Ion:156 Resp: 200709
Ion Ratio Lower Upper
156 100
77 192.7 102.8 308.3
158 97.4 48.7 146.1



#78
n-propylbenzene
Concen: 51.264 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 91 Resp: 1075655
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9

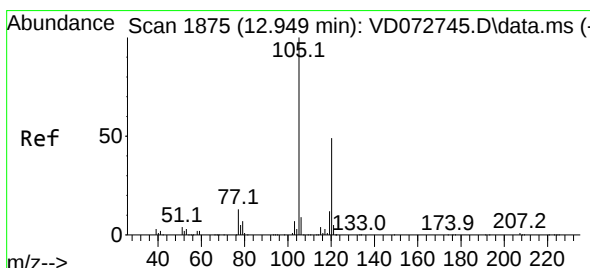
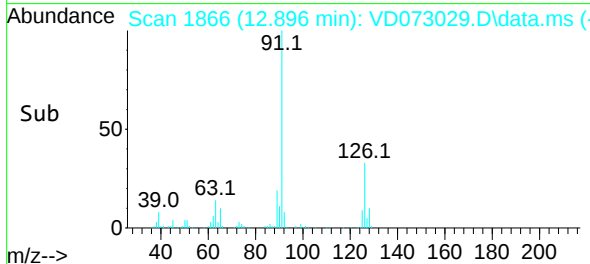
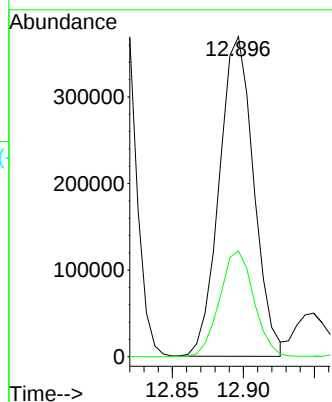
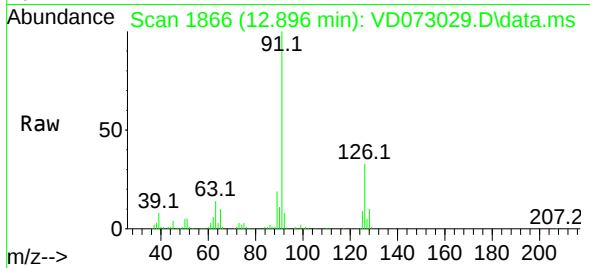




#79
2-Chlorotoluene
Concen: 50.865 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

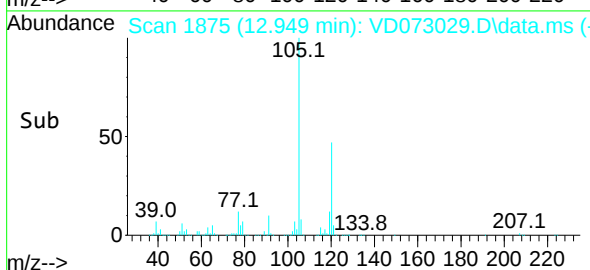
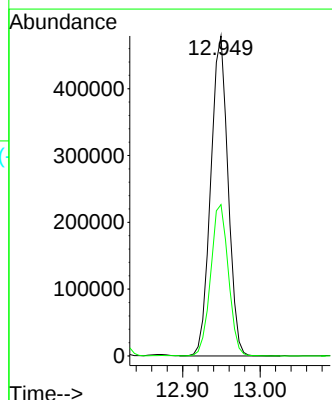
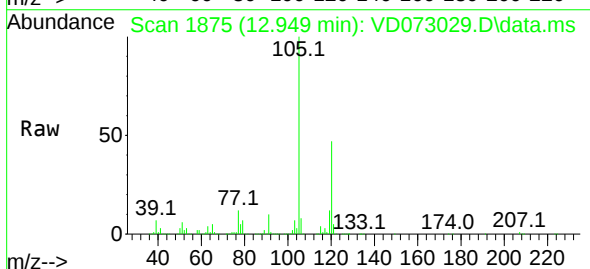
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

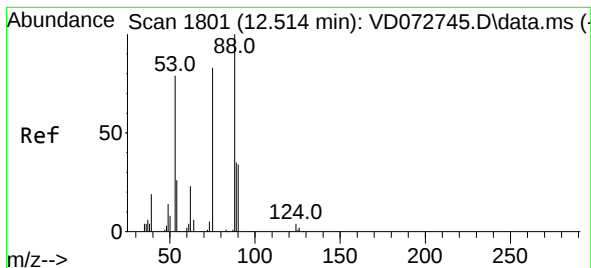
Tgt Ion: 91 Resp: 623455
Ion Ratio Lower Upper
91 100
126 32.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.743 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 105 Resp: 744558
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

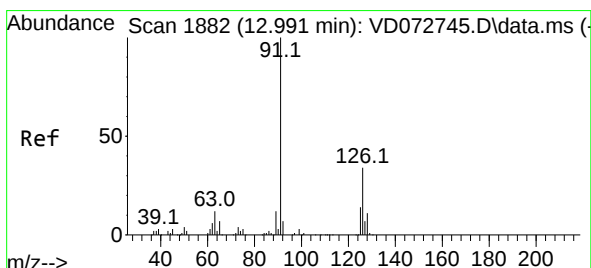
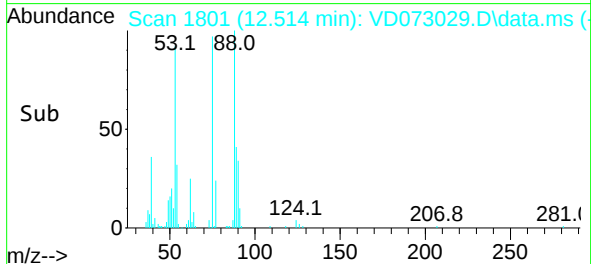
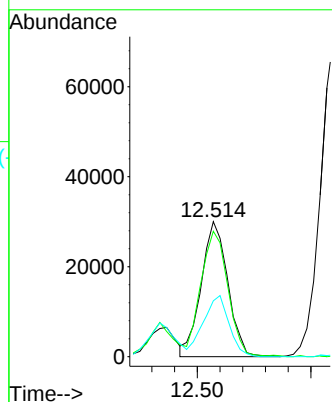
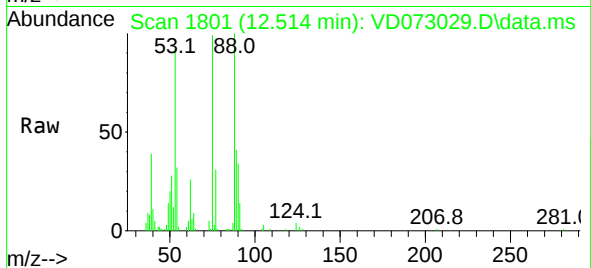




#81
trans-1,4-Dichloro-2-butene
Concen: 47.054 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

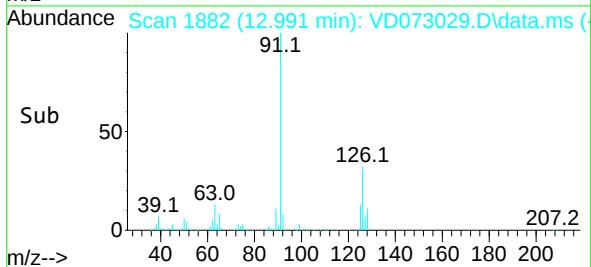
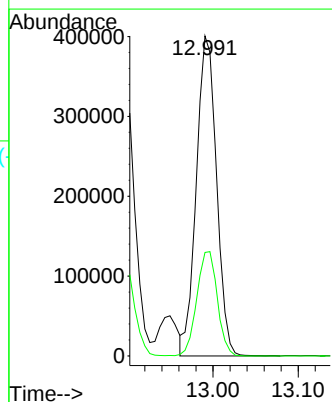
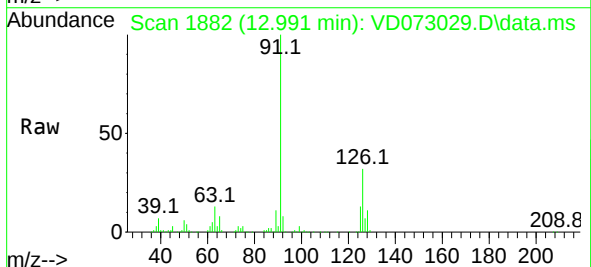
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

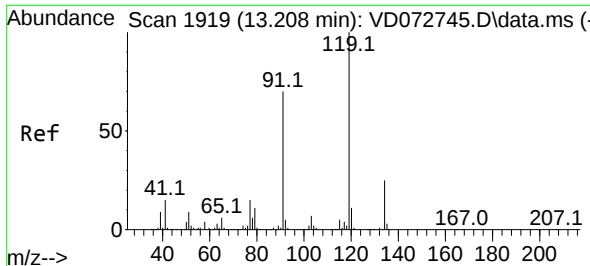
Tgt Ion: 75 Resp: 48823
Ion Ratio Lower Upper
75 100
53 93.9 86.5 129.7
89 43.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.310 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion: 91 Resp: 657109
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

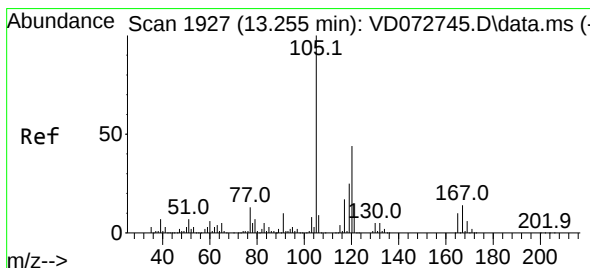
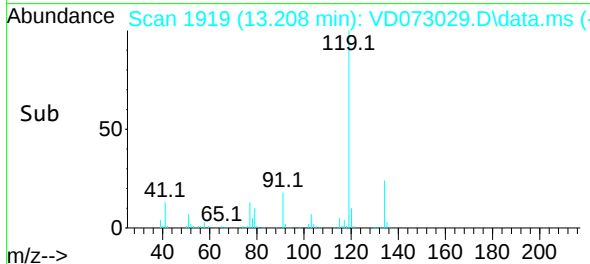
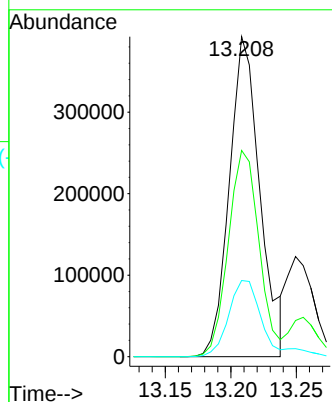
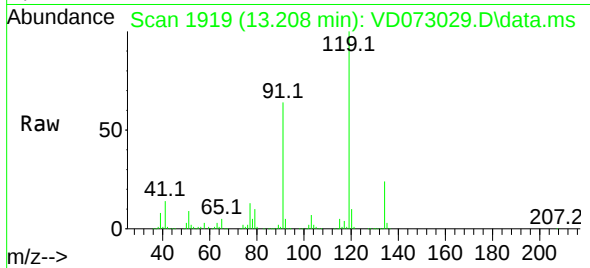




#83
 tert-Butylbenzene
 Concen: 53.248 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

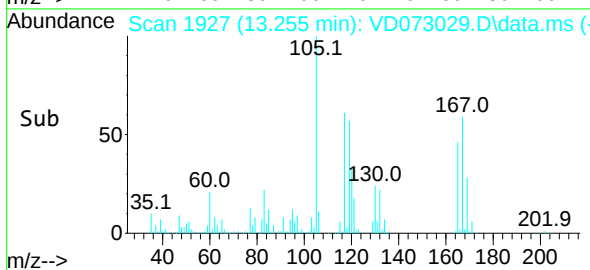
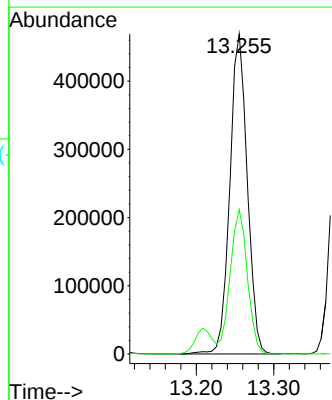
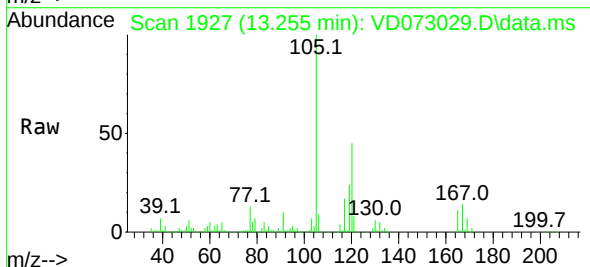
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

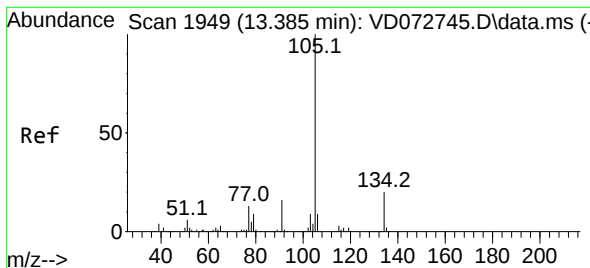
Tgt Ion:119 Resp: 639067
 Ion Ratio Lower Upper
 119 100
 91 64.9 34.8 104.5
 134 26.5 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.061 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

Tgt Ion:105 Resp: 734607
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.324 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

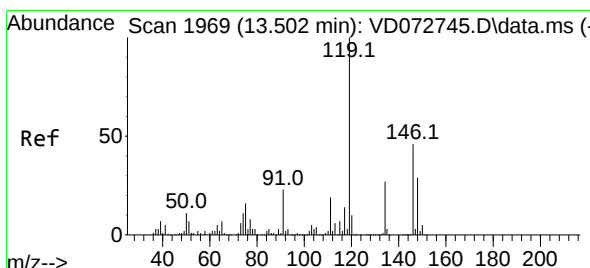
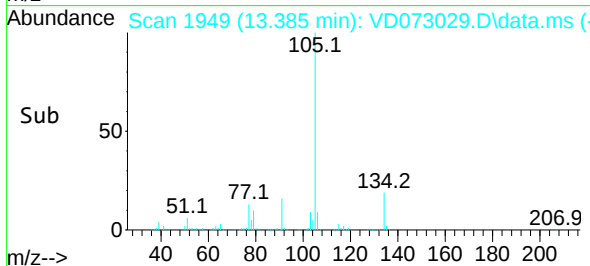
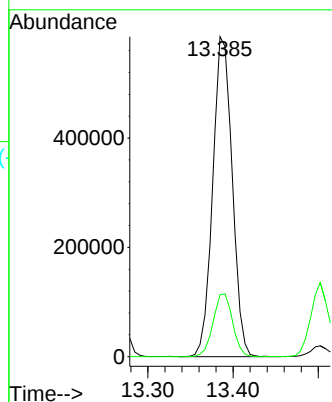
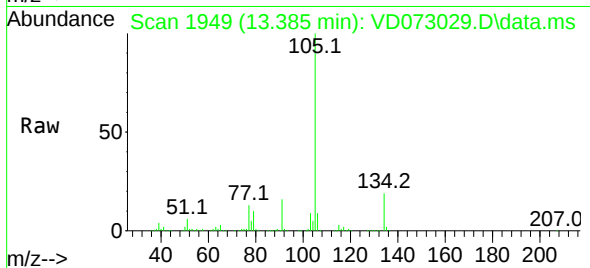
VSTDCCC050EC

Tgt Ion:105 Resp: 929025

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.810 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

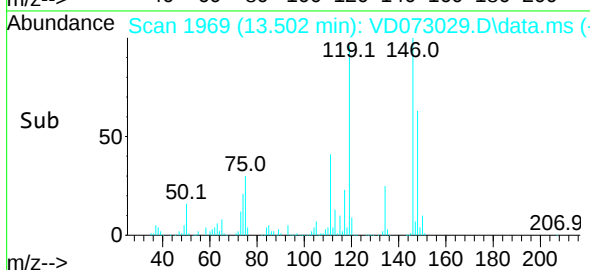
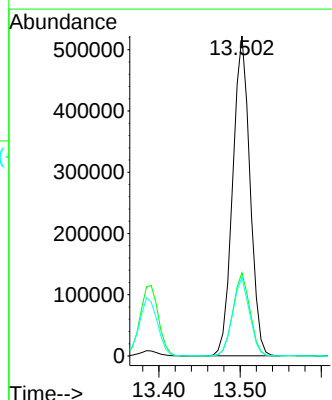
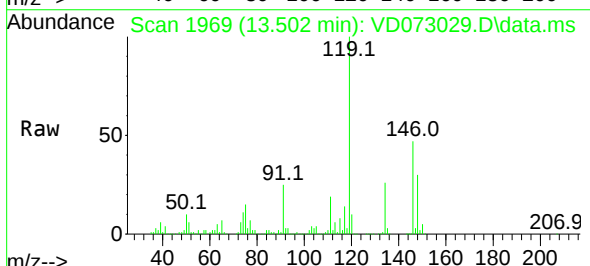
Tgt Ion:119 Resp: 768910

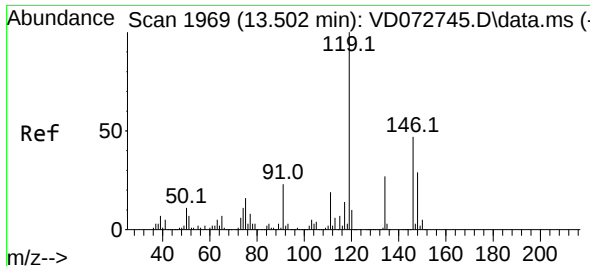
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

91 24.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.188 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

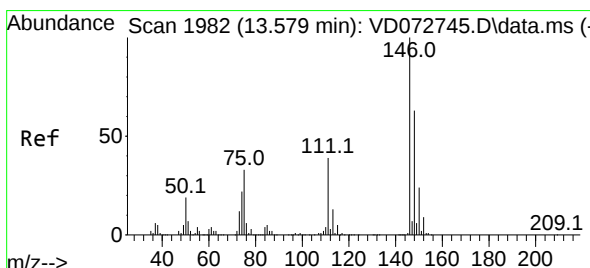
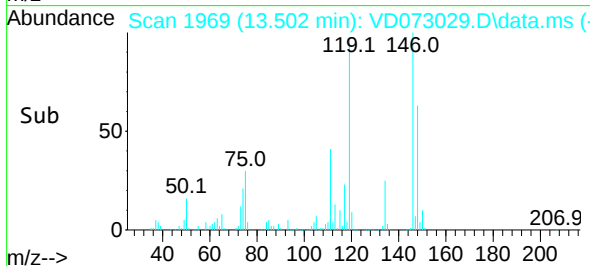
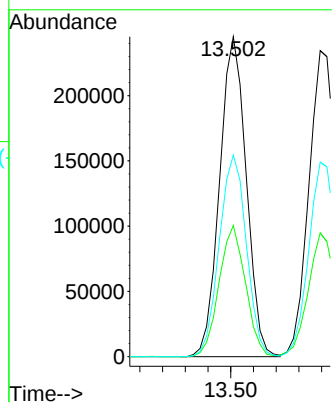
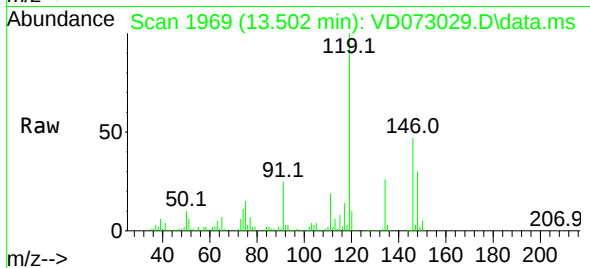
Tgt Ion:146 Resp: 399701

Ion Ratio Lower Upper

146 100

111 40.6 20.4 61.3

148 64.1 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 50.236 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

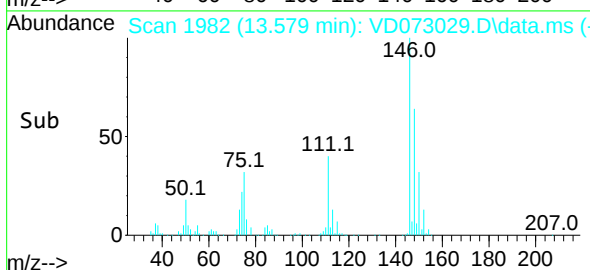
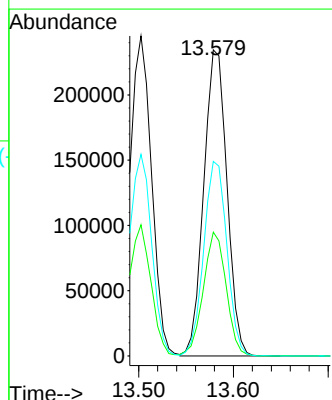
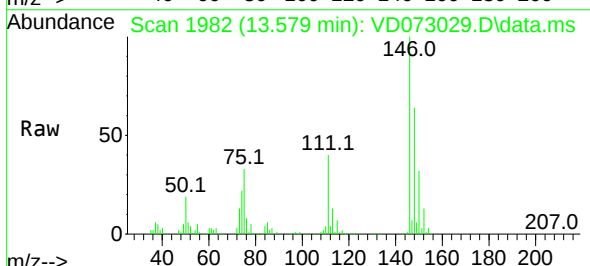
Tgt Ion:146 Resp: 398416

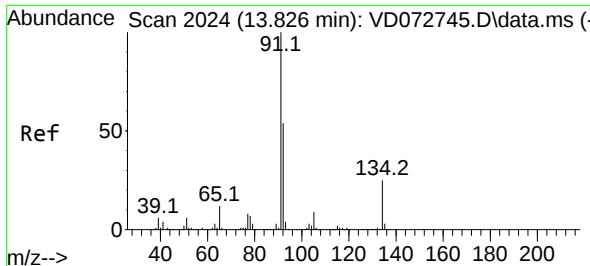
Ion Ratio Lower Upper

146 100

111 40.0 20.3 60.9

148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 50.152 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

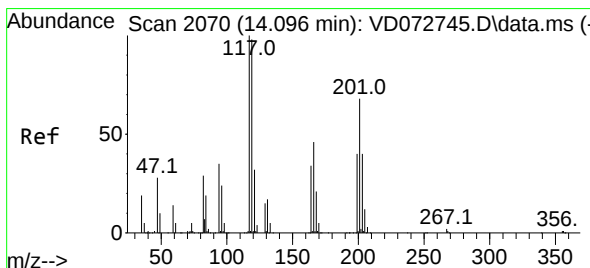
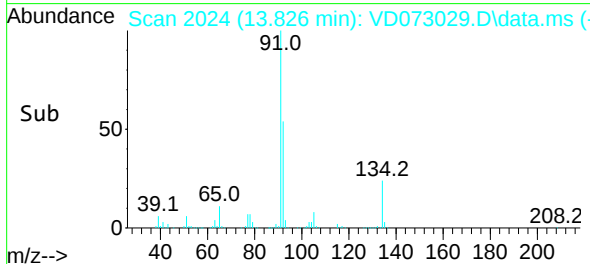
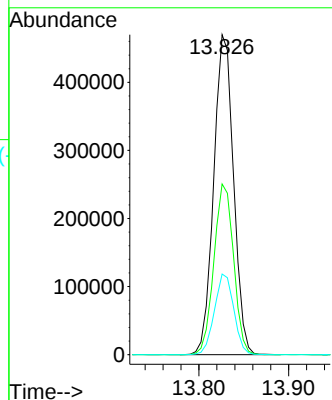
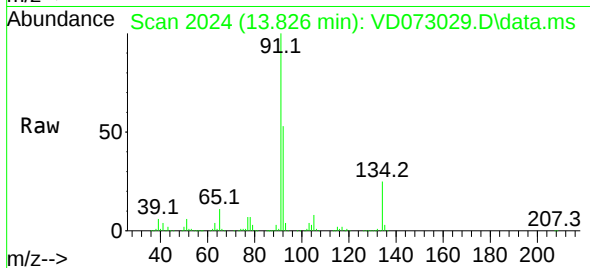
Tgt Ion: 91 Resp: 721016

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.8

134 24.7 12.3 36.9



#90

Hexachloroethane

Concen: 51.722 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073029.D

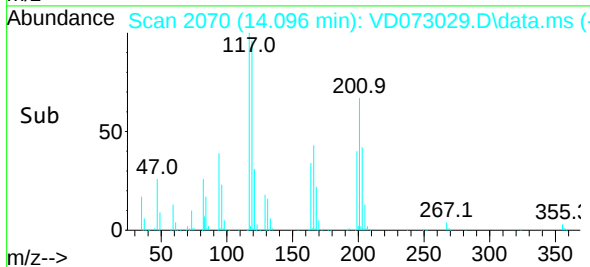
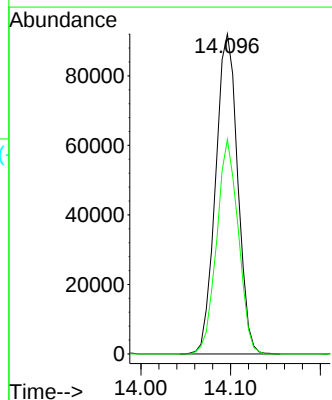
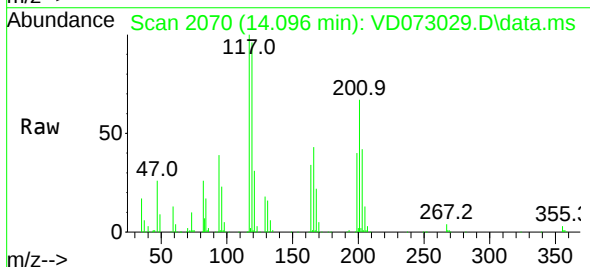
Acq: 14 May 2022 11:01

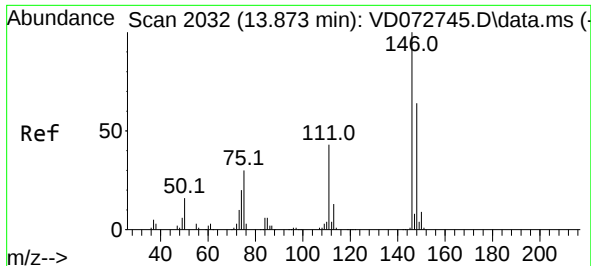
Tgt Ion: 117 Resp: 157253

Ion Ratio Lower Upper

117 100

201 65.6 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 51.227 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

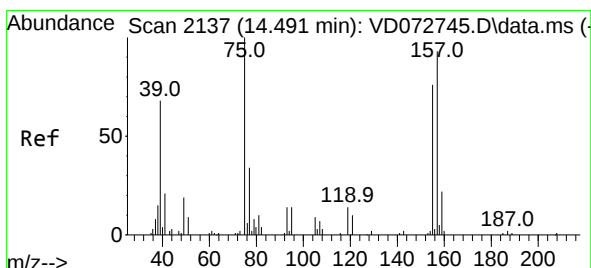
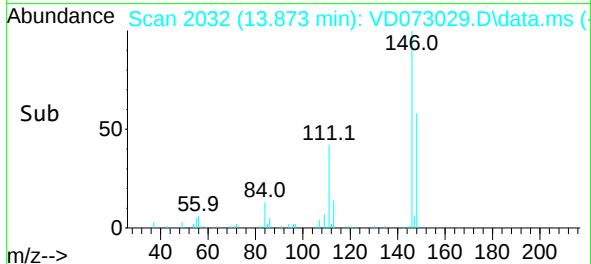
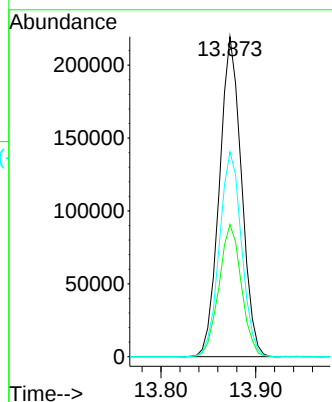
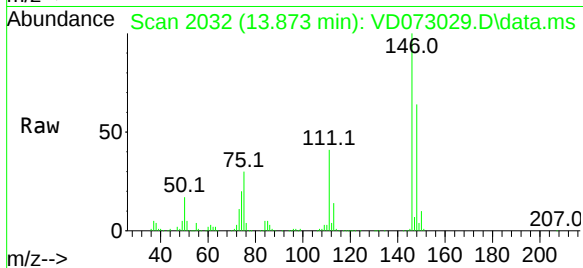
Tgt Ion:146 Resp: 355558

Ion Ratio Lower Upper

146 100

111 41.9 21.1 63.3

148 64.4 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.184 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. -0.001 min

Lab File: VD073029.D

Acq: 14 May 2022 11:01

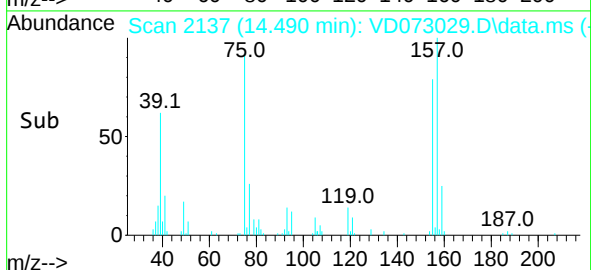
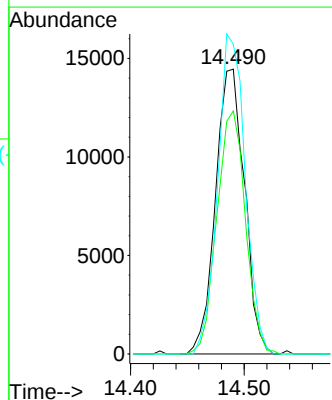
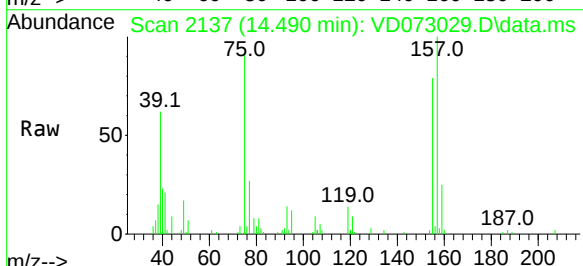
Tgt Ion: 75 Resp: 25669

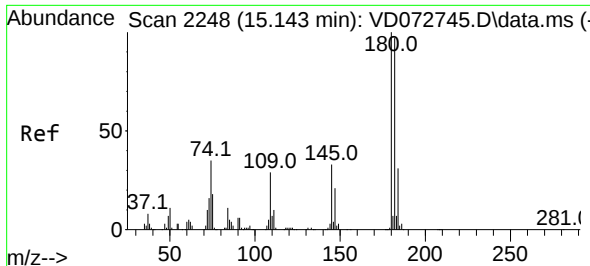
Ion Ratio Lower Upper

75 100

155 84.0 36.8 110.3

157 106.6 48.4 145.0

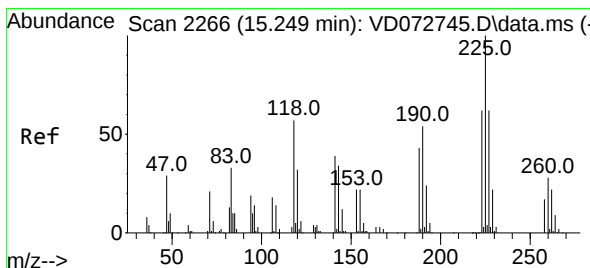
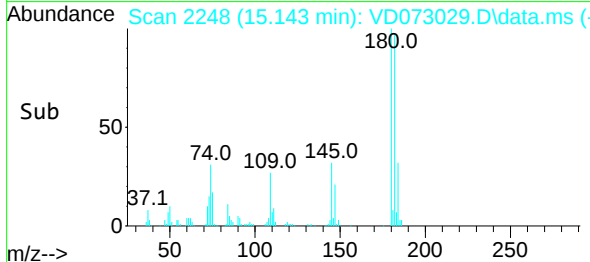
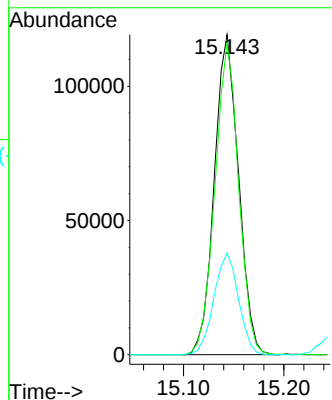
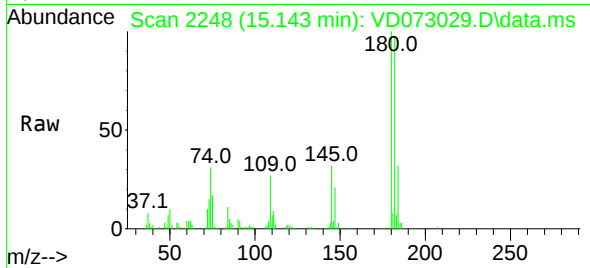




#93
 1,2,4-Trichlorobenzene
 Concen: 48.680 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

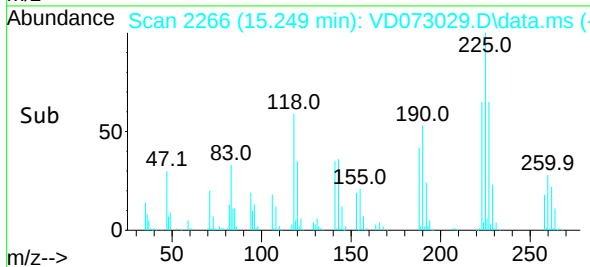
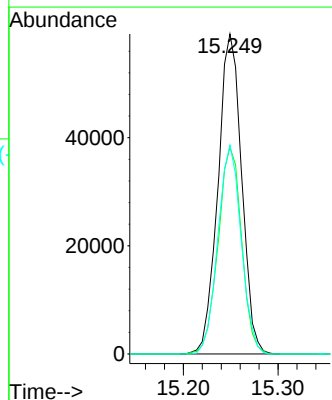
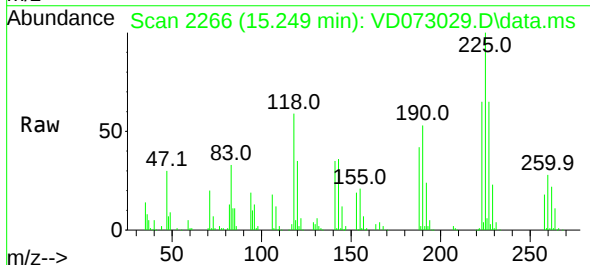
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

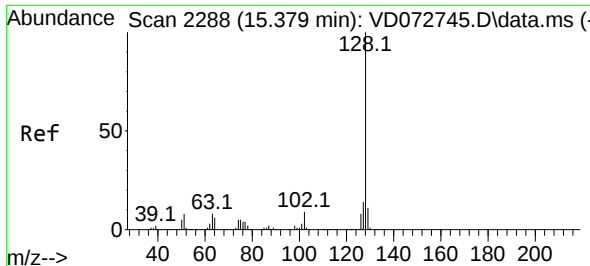
Tgt Ion:180 Resp: 200101
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.3 142.0
 145 32.2 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 45.815 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073029.D
 Acq: 14 May 2022 11:01

Tgt Ion:225 Resp: 102850
 Ion Ratio Lower Upper
 225 100
 223 64.1 31.1 93.2
 227 64.1 32.4 97.0

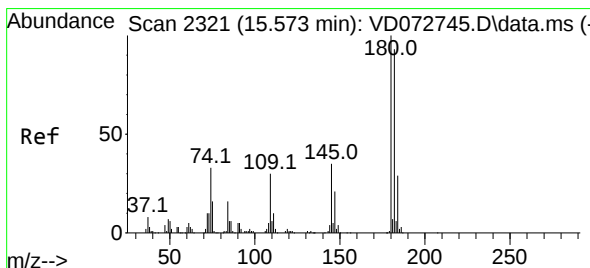
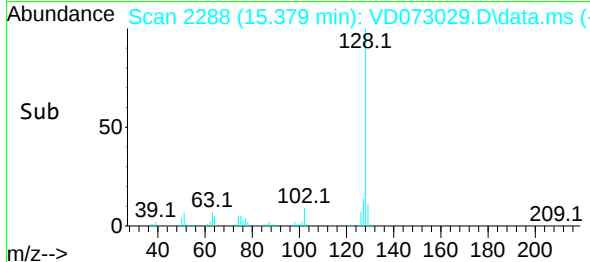
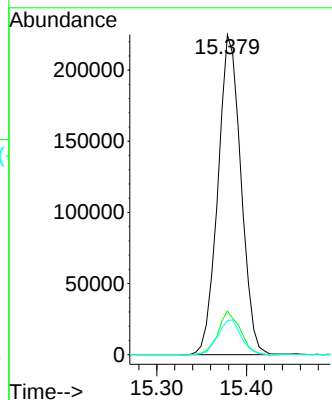
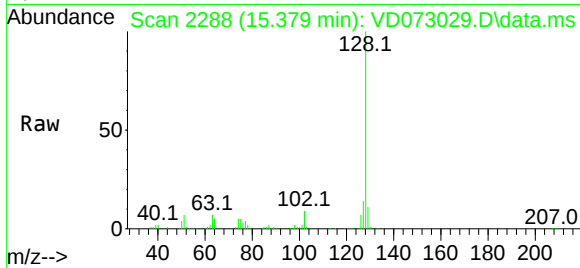




#95
Naphthalene
Concen: 52.994 ug/l
RT: 15.379 min Scan# 211
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 400503
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.270 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073029.D
Acq: 14 May 2022 11:01

Tgt Ion:180 Resp: 183172
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.9
145 33.7 17.1 51.3

