

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073315.D
 Acq On : 24 May 2022 07:41
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 08:19:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	308353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	539666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	517170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248892	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	186713	54.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.580%	
35) Dibromofluoromethane	7.908	113	190696	53.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.100%	
50) Toluene-d8	10.332	98	698375	53.201	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.400%	
62) 4-Bromofluorobenzene	12.620	95	257496	55.895	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.780%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	126207	40.961	ug/l	97
3) Chloromethane	2.209	50	147258	42.266	ug/l	97
4) Vinyl Chloride	2.344	62	142353	44.683	ug/l	96
5) Bromomethane	2.762	94	104922	51.492	ug/l	99
6) Chloroethane	2.920	64	95287	48.653	ug/l	97
7) Trichlorofluoromethane	3.273	101	264898	47.023	ug/l	98
8) Diethyl Ether	3.714	74	87025	56.219	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.085	101	155174	46.167	ug/l	97
10) Methyl Iodide	4.297	142	182867	50.427	ug/l	96
11) Tert butyl alcohol	5.203	59	103186	195.165	ug/l #	89
12) 1,1-Dichloroethene	4.061	96	150576	48.591	ug/l	90
13) Acrolein	3.920	56	49367	235.404	ug/l	99
14) Allyl chloride	4.708	41	253125	50.604	ug/l	92
15) Acrylonitrile	5.414	53	228600	322.954	ug/l	94
16) Acetone	4.156	43	158171	267.971	ug/l #	89
17) Carbon Disulfide	4.409	76	430786	41.935	ug/l	97
18) Methyl Acetate	4.714	43	102205	62.270	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	422122	59.793	ug/l	95
20) Methylene Chloride	4.961	84	240059	65.345	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	193104	51.538	ug/l	87
22) Diisopropyl ether	6.355	45	599223	57.146	ug/l	95
23) Vinyl Acetate	6.303	43	1682734	300.857	ug/l #	93
24) 1,1-Dichloroethane	6.255	63	356612	52.984	ug/l	98
25) 2-Butanone	7.208	43	265123	307.009	ug/l	93
26) 2,2-Dichloropropane	7.202	77	241261	42.032	ug/l	94
27) cis-1,2-Dichloroethene	7.202	96	221130	53.338	ug/l	91
28) Bromochloromethane	7.538	49	123162	53.115	ug/l #	82
29) Tetrahydrofuran	7.561	42	174108	311.800	ug/l	92
30) Chloroform	7.702	83	377896	53.780	ug/l	99
31) Cyclohexane	7.979	56	256969	43.151	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	316432	51.488	ug/l	96
36) 1,1-Dichloropropene	8.102	75	259622	48.475	ug/l	96
37) Ethyl Acetate	7.285	43	119495	56.485	ug/l #	94
38) Carbon Tetrachloride	8.091	117	267956	49.356	ug/l	95
39) Methylcyclohexane	9.349	83	271048	45.411	ug/l	96
40) Benzene	8.344	78	795062	51.509	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	75099	60.929	ug/l #	90
42) 1,2-Dichloroethane	8.420	62	230019	53.556	ug/l	94
43) Isopropyl Acetate	8.444	43	233913	59.821	ug/l #	94
44) Trichloroethene	9.108	130	206851	50.254	ug/l	98
45) 1,2-Dichloropropane	9.379	63	207470	53.372	ug/l	96
46) Dibromomethane	9.467	93	115676	54.182	ug/l	97
47) Bromodichloromethane	9.655	83	294136	53.845	ug/l	98
48) Methyl methacrylate	9.449	41	109424	55.622	ug/l #	82
49) 1,4-Dioxane	9.455	88	27236	1235.327	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	638353	314.320	ug/l	93
52) Toluene	10.396	92	516845	52.988	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	266758	54.053	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	308972	52.317	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	164154	56.860	ug/l	97
56) Ethyl methacrylate	10.649	69	202476	63.079	ug/l #	84
57) 1,3-Dichloropropane	10.938	76	274693	56.706	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	424574	275.947	ug/l	95
59) 2-Hexanone	10.973	43	431044	321.929	ug/l	93
60) Dibromochloromethane	11.132	129	205737	57.151	ug/l	100
61) 1,2-Dibromoethane	11.238	107	157023	56.918	ug/l	97
64) Tetrachloroethene	10.867	164	167682	49.503	ug/l	97
65) Chlorobenzene	11.661	112	552686	52.093	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	214846	54.602	ug/l	98
67) Ethyl Benzene	11.738	91	982398	52.747	ug/l	99
68) m/p-Xylenes	11.843	106	769128	106.292	ug/l	98
69) o-Xylene	12.167	106	361179	54.334	ug/l	97
70) Styrene	12.185	104	639158	55.887	ug/l	96
71) Bromoform	12.349	173	117641	58.091	ug/l #	99
73) Isopropylbenzene	12.467	105	946874	53.365	ug/l	100
74) N-amyl acetate	12.279	43	228192	58.953	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	190650	58.260	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	230736	94.484	ug/l #	100
77) Bromobenzene	12.749	156	223928	53.612	ug/l	94
78) n-propylbenzene	12.808	91	1164774	52.290	ug/l	99
79) 2-Chlorotoluene	12.896	91	681182	52.963	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	805398	53.584	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	53726	52.816	ug/l	89
82) 4-Chlorotoluene	12.990	91	723675	53.681	ug/l	99
83) tert-Butylbenzene	13.208	119	684769	54.057	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	809731	54.533	ug/l	99
85) sec-Butylbenzene	13.390	105	1019741	52.721	ug/l	100
86) p-Isopropyltoluene	13.502	119	841652	53.380	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	442133	52.516	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	441379	51.936	ug/l	99
89) n-Butylbenzene	13.826	91	777579	51.759	ug/l	99
90) Hexachloroethane	14.096	117	170452	52.246	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	397518	54.572	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	28601	57.072	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	226423	54.751	ug/l	100
94) Hexachlorobutadiene	15.249	225	116123	49.829	ug/l	98
95) Naphthalene	15.384	128	456748	55.648	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	204120	55.675	ug/l	99

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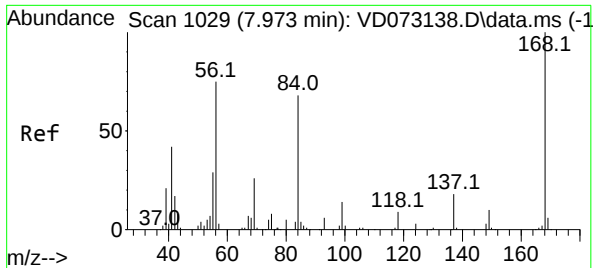
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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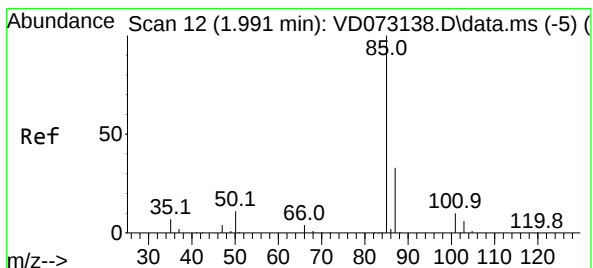
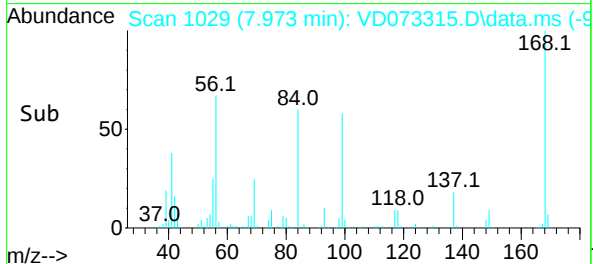
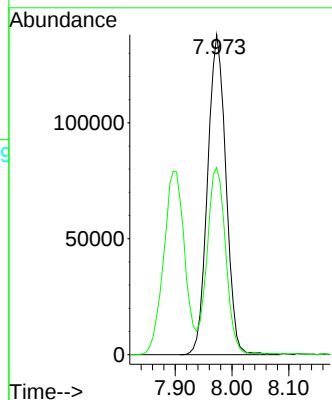
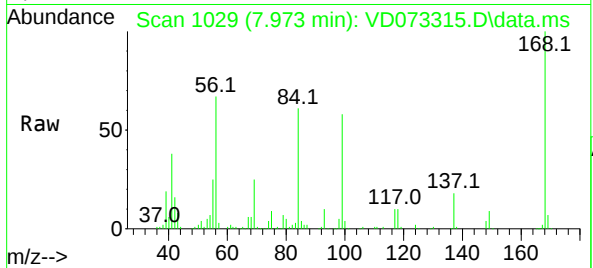




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073315.D
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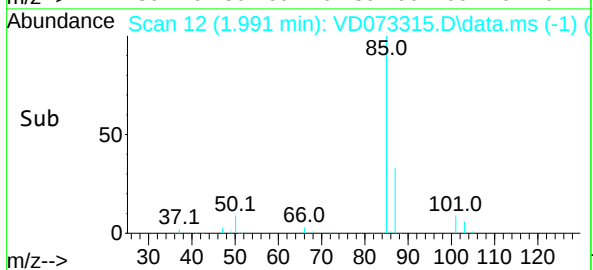
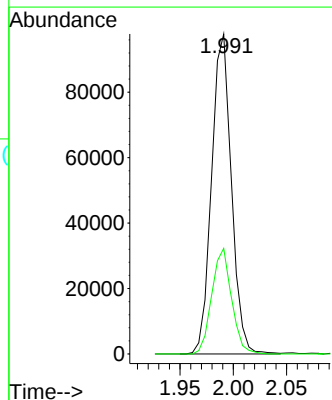
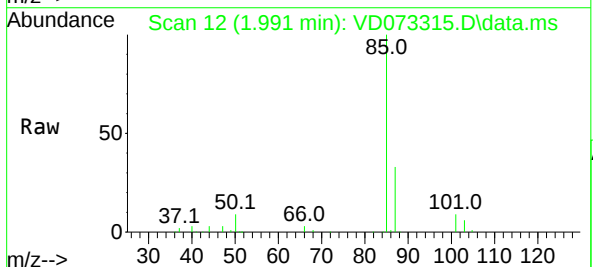
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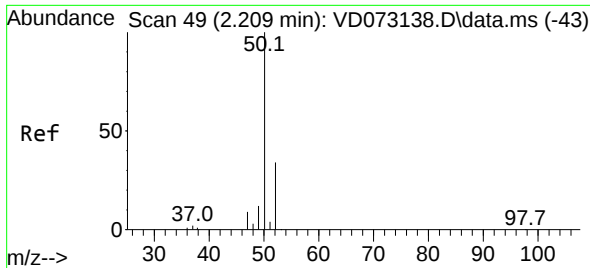
Tgt Ion:168 Resp: 308353
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 40.961 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 85 Resp: 126207
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

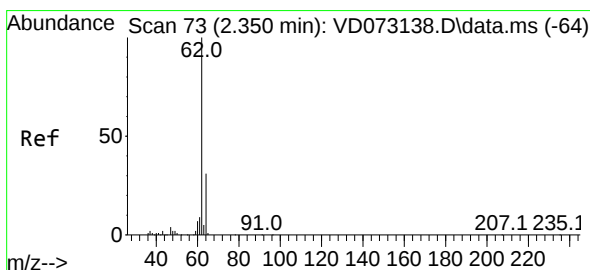
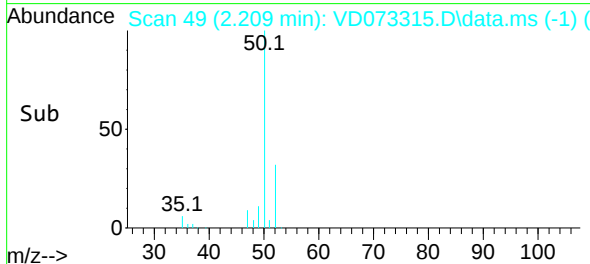
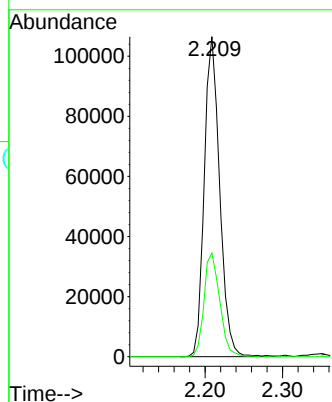
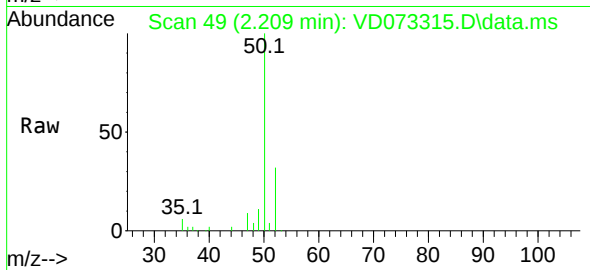




#3
Chloromethane
Concen: 42.266 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

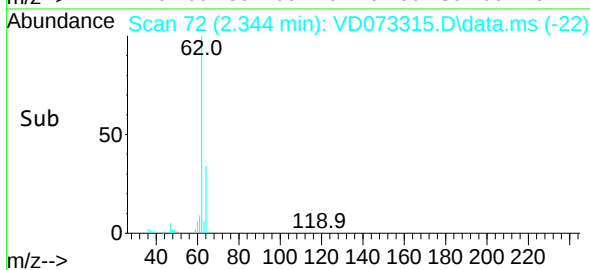
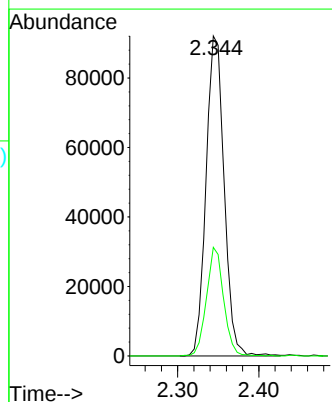
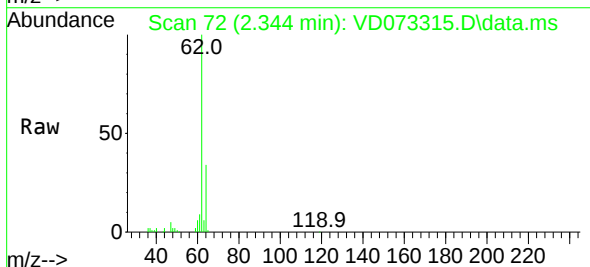
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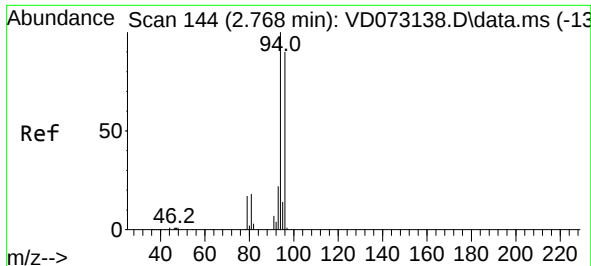
Tgt Ion: 50 Resp: 147258
Ion Ratio Lower Upper
50 100
52 32.4 27.4 41.0



#4
Vinyl Chloride
Concen: 44.683 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 62 Resp: 142353
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0

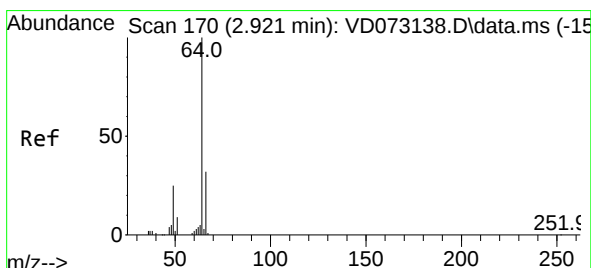
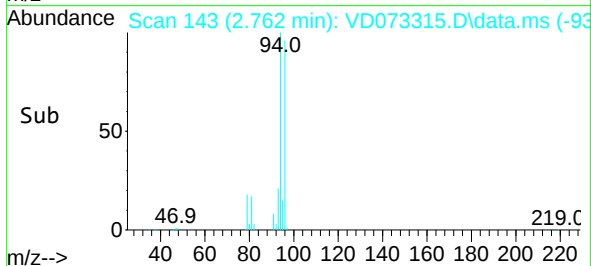
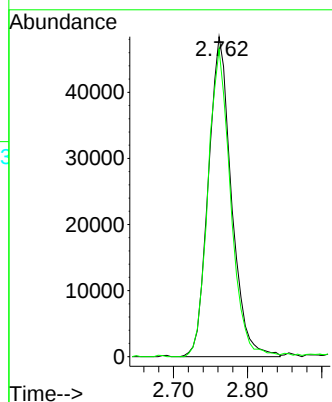
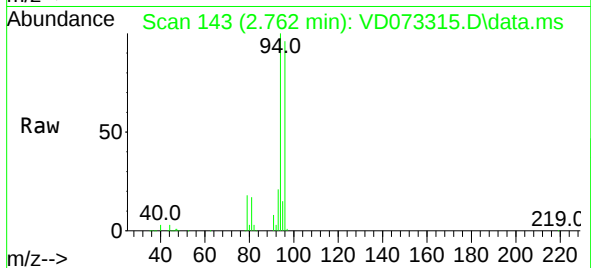




#5
Bromomethane
Concen: 51.492 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

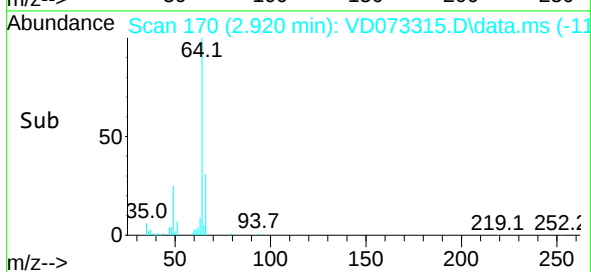
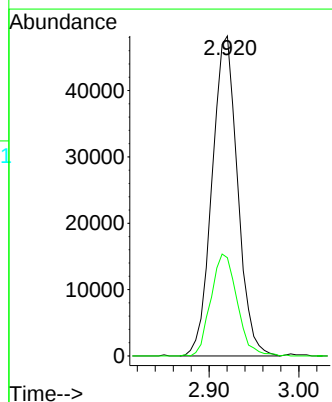
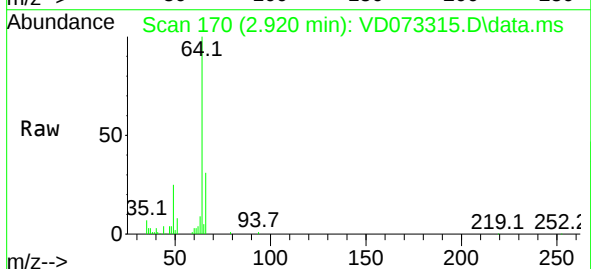
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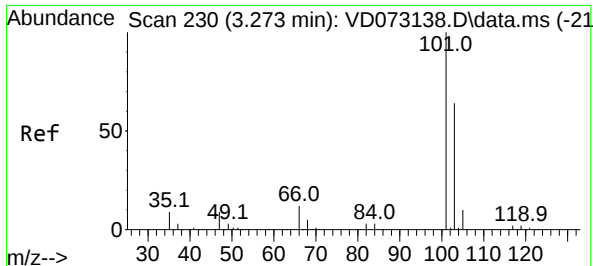
Tgt Ion: 94 Resp: 104922
Ion Ratio Lower Upper
94 100
96 96.1 77.6 116.4



#6
Chloroethane
Concen: 48.653 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 64 Resp: 95287
Ion Ratio Lower Upper
64 100
66 30.7 25.9 38.9

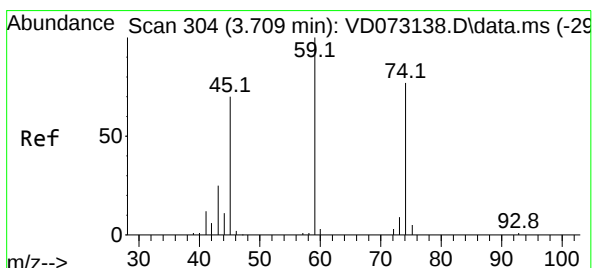
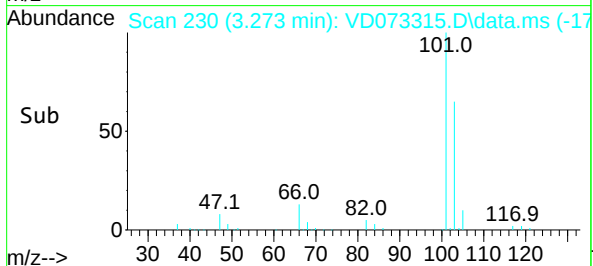
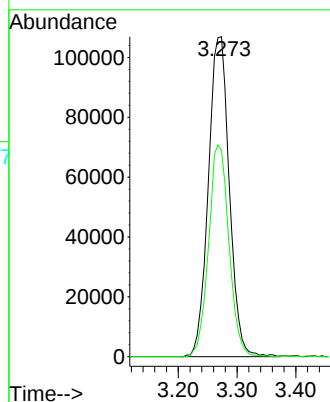
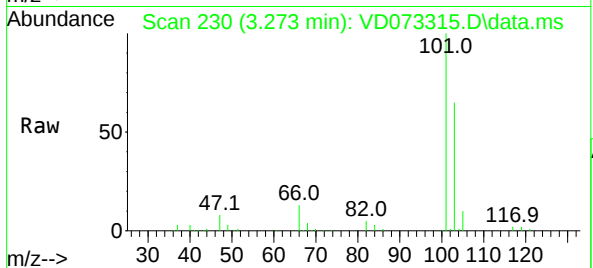




#7
 Trichlorofluoromethane
 Concen: 47.023 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

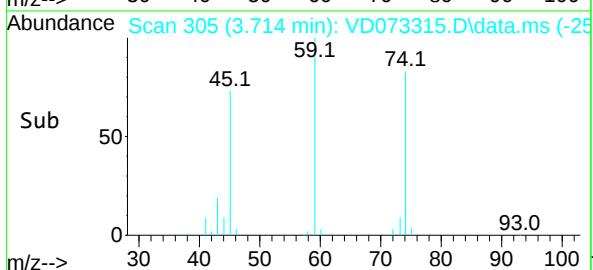
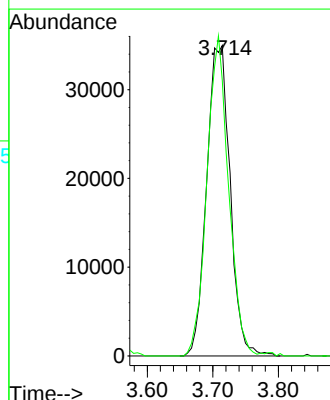
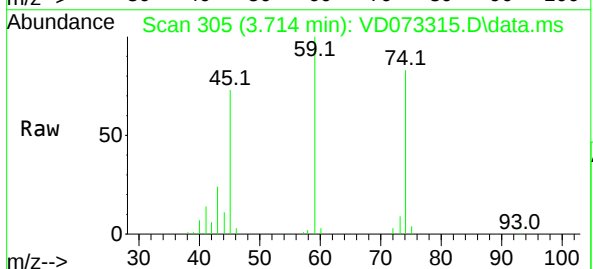
Instrument :
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Tgt Ion:101 Resp: 264898
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 56.219 ug/l
 RT: 3.714 min Scan# 305
 Delta R.T. 0.005 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

Tgt Ion: 74 Resp: 87025
 Ion Ratio Lower Upper
 74 100
 45 95.4 52.6 157.8

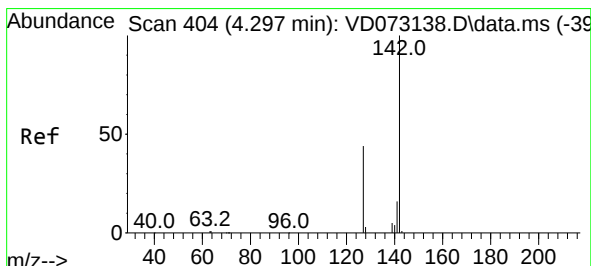
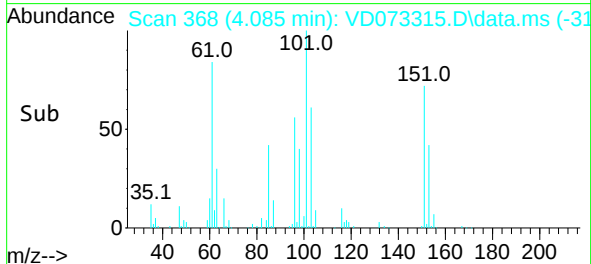
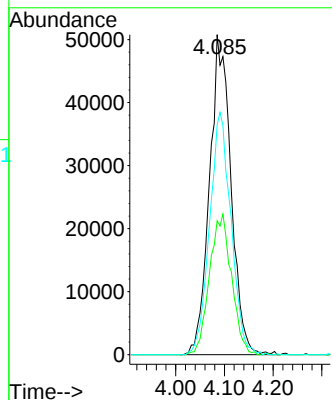
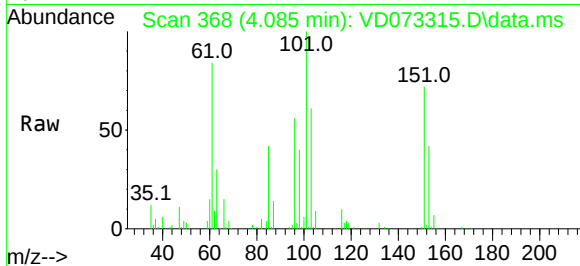




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.167 ug/l
 RT: 4.085 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: VD073315.D
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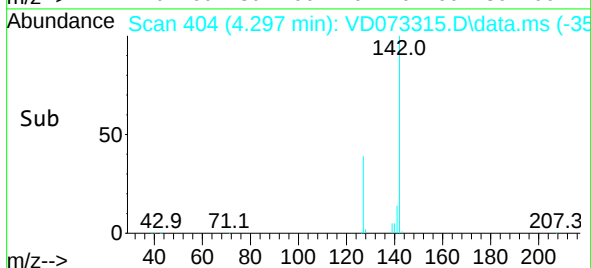
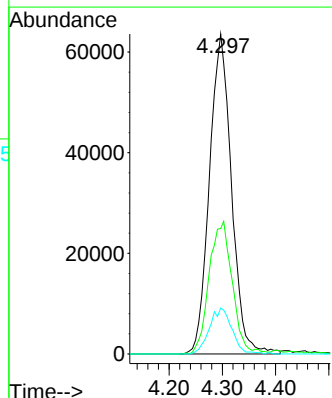
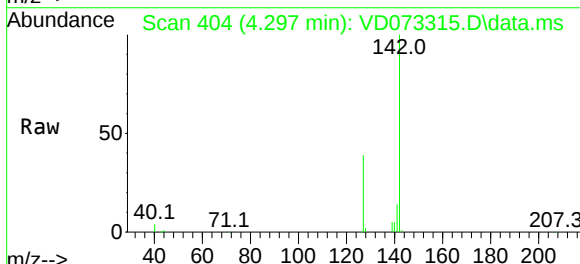
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

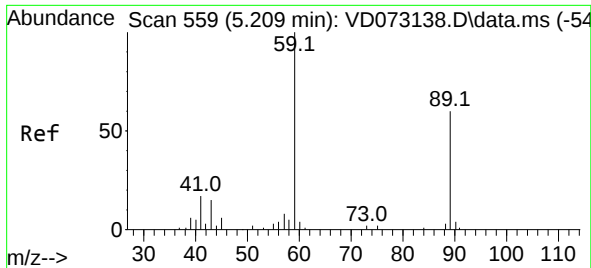
Tgt Ion:101 Resp: 155174
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.4 54.6
 151 75.8 57.3 85.9



#10
 Methyl Iodide
 Concen: 50.427 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

Tgt Ion:142 Resp: 182867
 Ion Ratio Lower Upper
 142 100
 127 43.4 37.3 55.9
 141 14.6 11.7 17.5

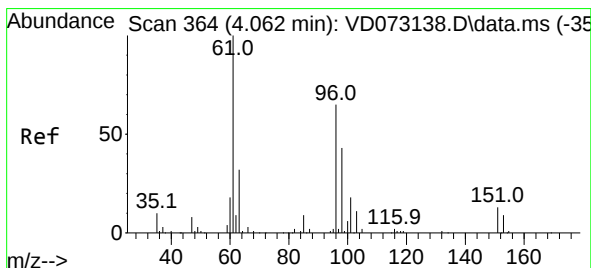
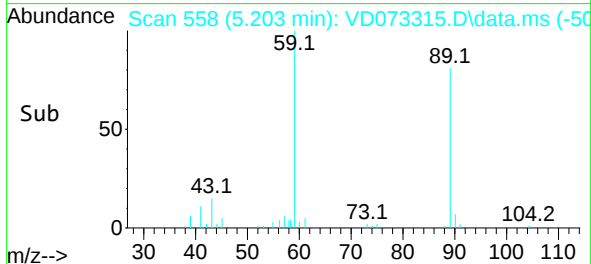
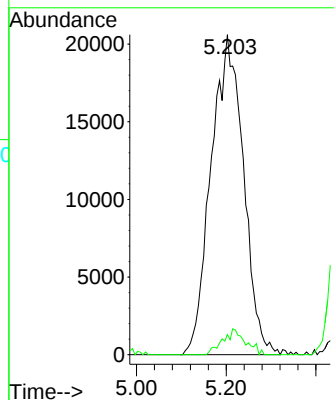
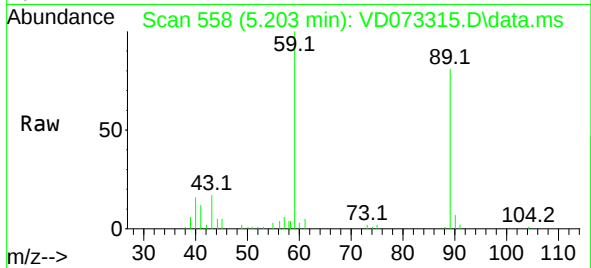




#11
Tert butyl alcohol
Concen: 195.165 ug/l
RT: 5.203 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

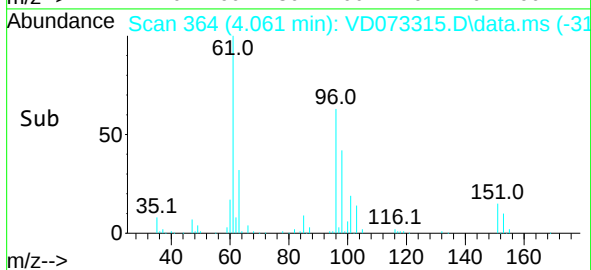
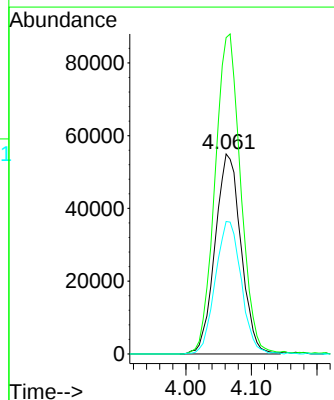
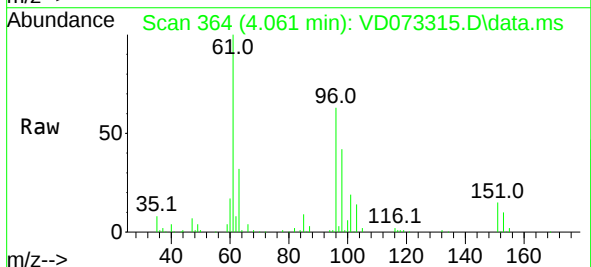
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

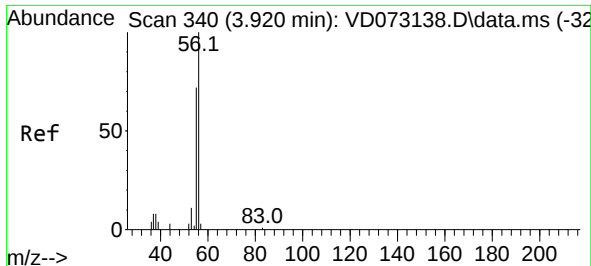
Tgt Ion: 59 Resp: 103186
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.591 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 96 Resp: 150576
Ion Ratio Lower Upper
96 100
61 158.1 138.5 207.7
98 66.2 48.6 73.0





#13

Acrolein

Concen: 235.404 ug/l

RT: 3.920 min Scan# 34

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

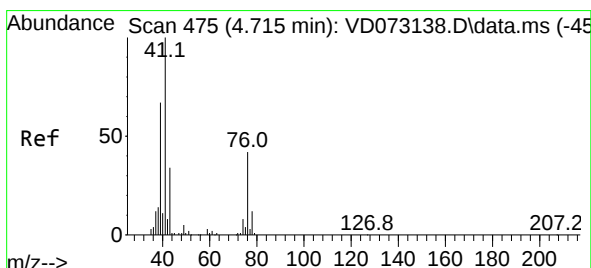
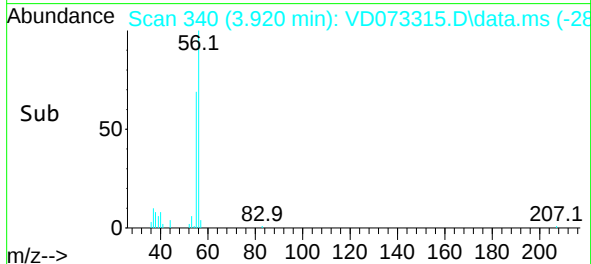
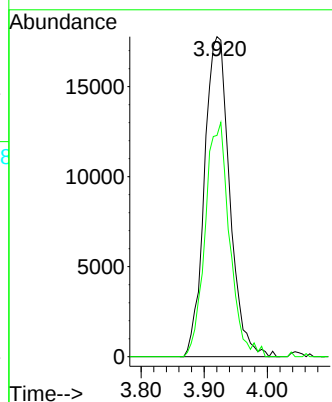
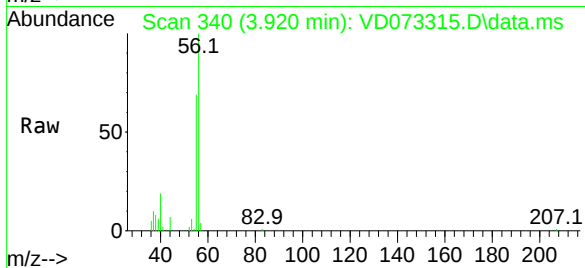
VSTDCCC050EC

Tgt Ion: 56 Resp: 49367

Ion Ratio Lower Upper

56 100

55 70.7 57.1 85.7



#14

Allyl chloride

Concen: 50.604 ug/l

RT: 4.708 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

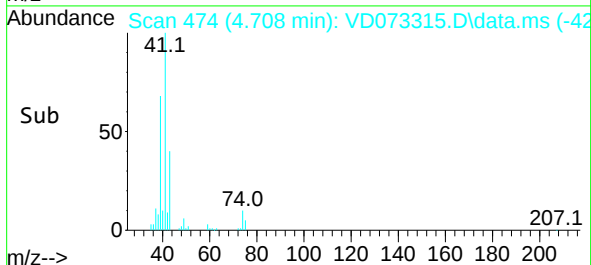
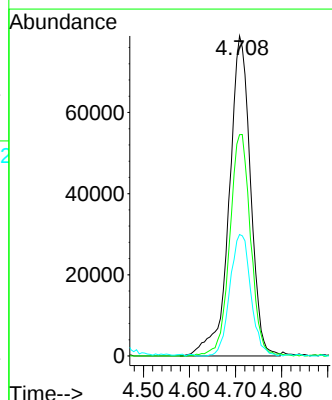
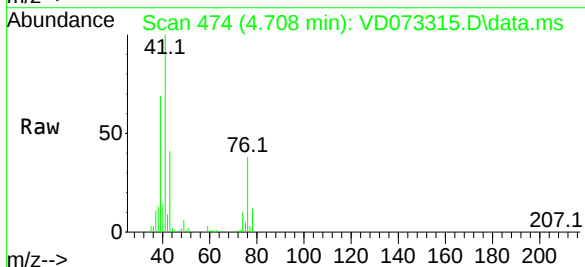
Tgt Ion: 41 Resp: 253125

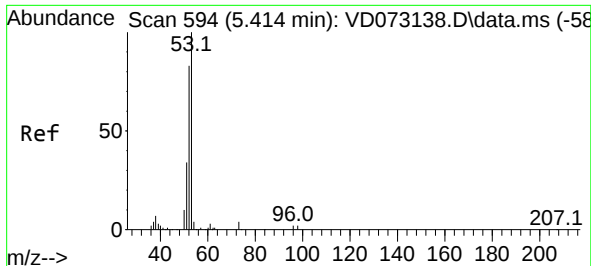
Ion Ratio Lower Upper

41 100

39 68.0 59.3 88.9

76 37.1 25.7 38.5

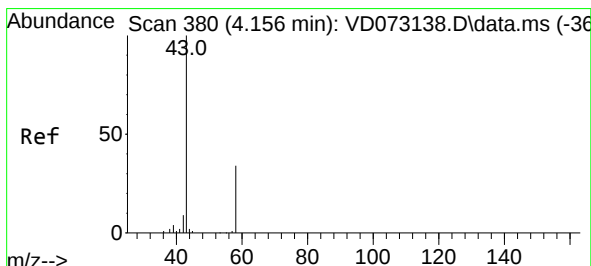
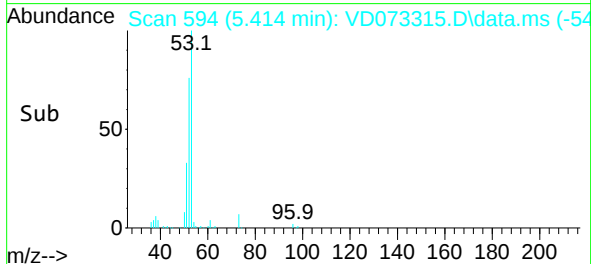
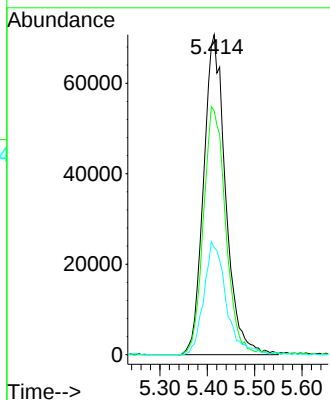
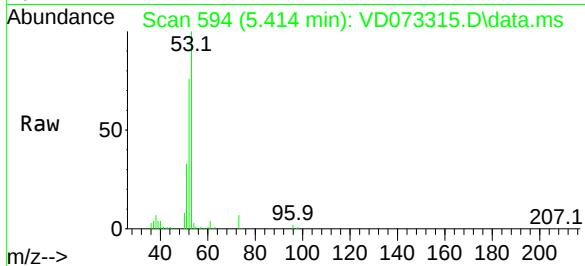




#15
Acrylonitrile
Concen: 322.954 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

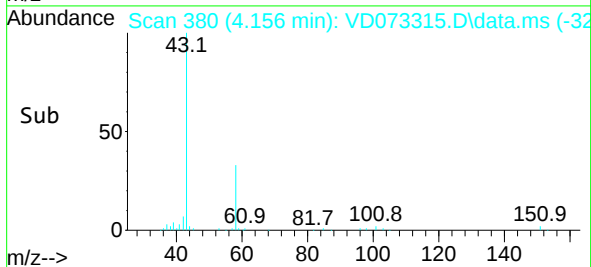
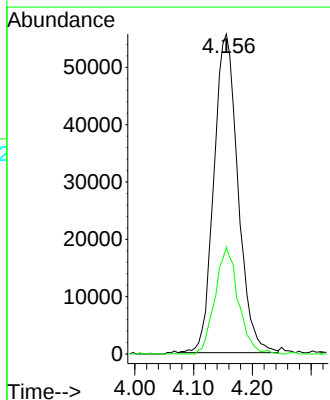
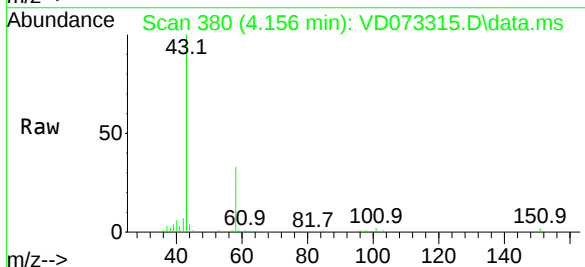
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

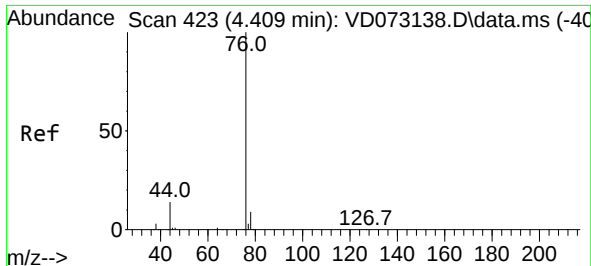
Tgt Ion: 53 Resp: 228600
Ion Ratio Lower Upper
53 100
52 77.4 67.2 100.8
51 35.7 30.3 45.5



#16
Acetone
Concen: 267.971 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 43 Resp: 158171
Ion Ratio Lower Upper
43 100
58 33.4 22.1 33.1#

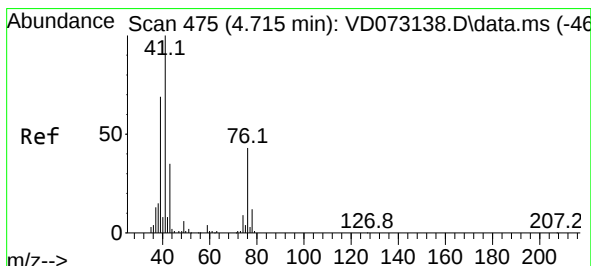
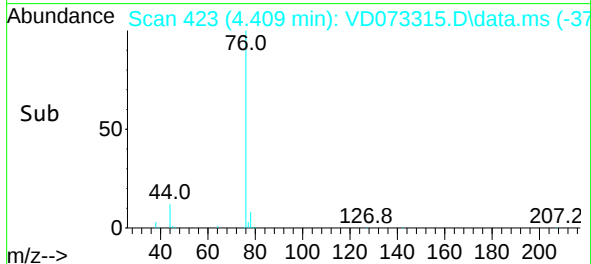
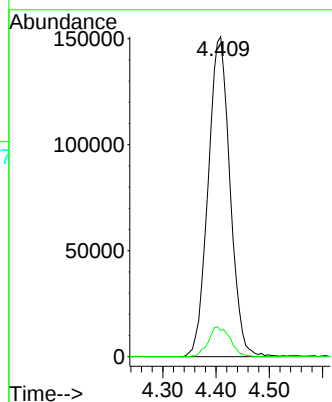
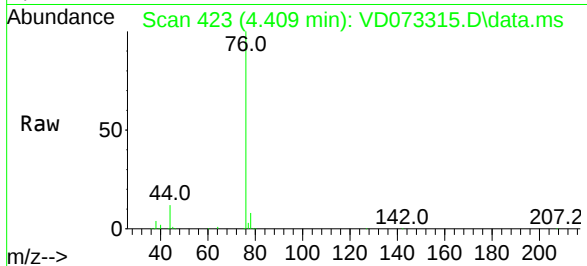




#17
Carbon Disulfide
Concen: 41.935 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

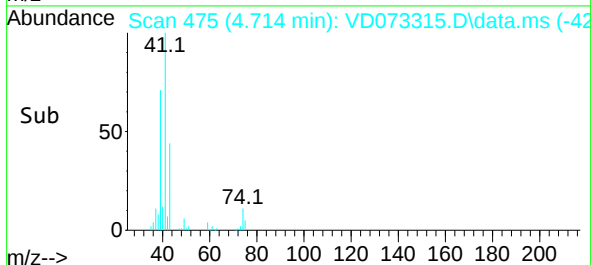
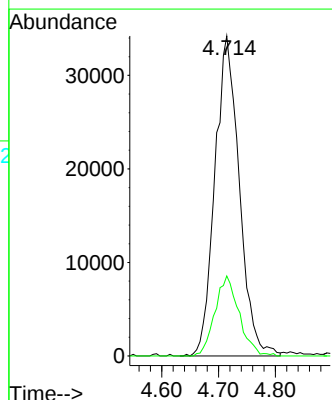
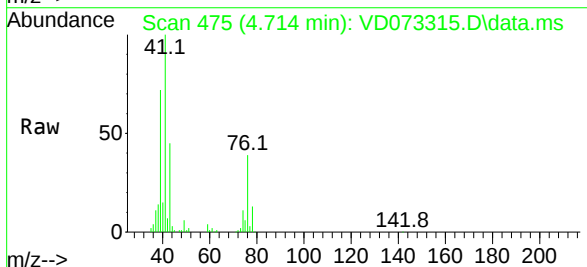
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

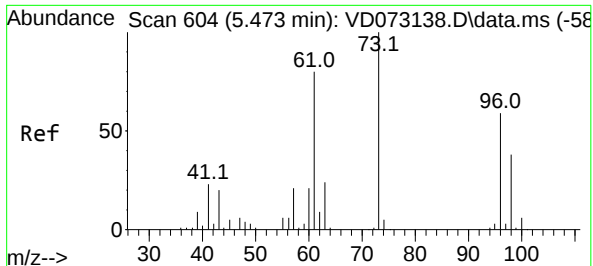
Tgt Ion: 76 Resp: 430786
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 62.270 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 43 Resp: 102205
Ion Ratio Lower Upper
43 100
74 24.7 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 59.793 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

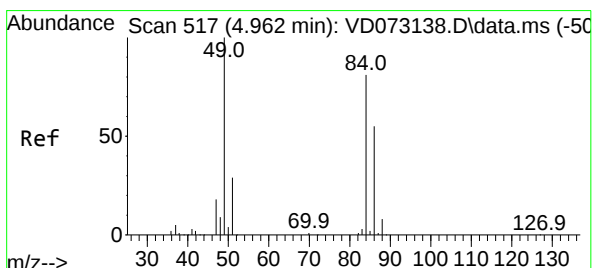
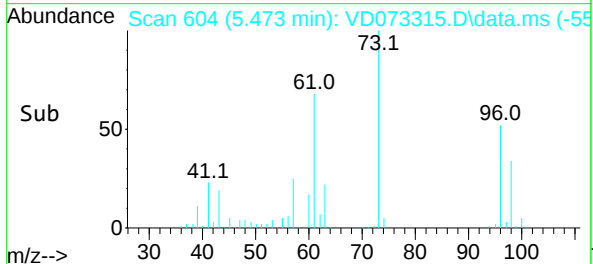
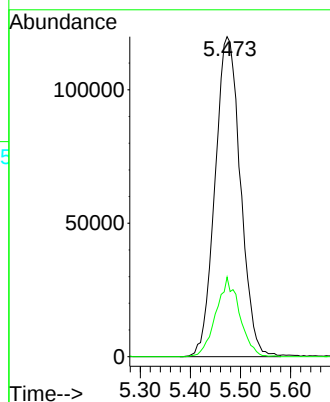
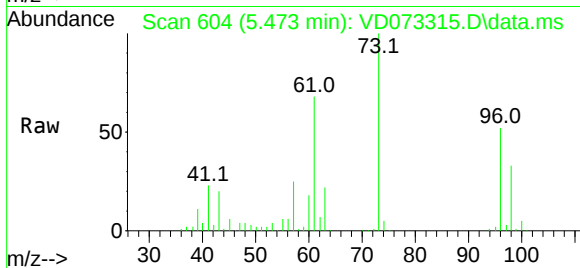
VSTDCCC050EC

Tgt Ion: 73 Resp: 422122

Ion Ratio Lower Upper

73 100

57 24.8 18.0 27.0



#20

Methylene Chloride

Concen: 65.345 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Tgt Ion: 84 Resp: 240059

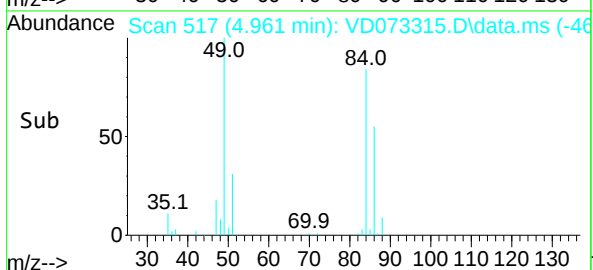
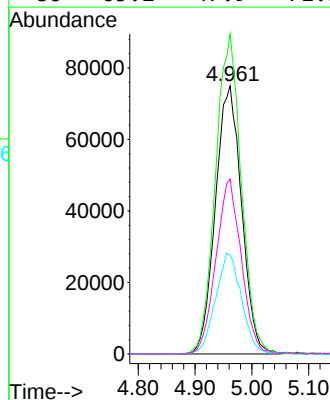
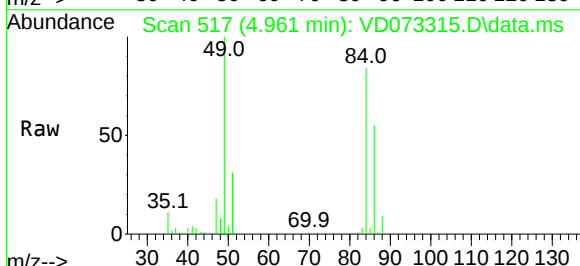
Ion Ratio Lower Upper

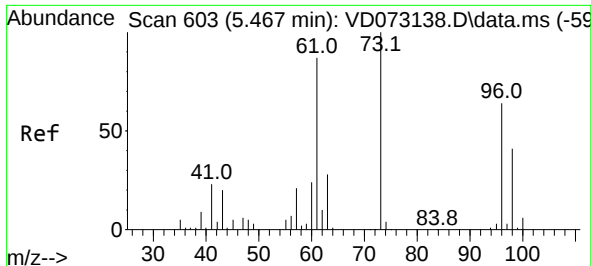
84 100

49 119.3 112.8 169.2

51 36.8 32.6 48.8

86 65.2 47.9 71.9

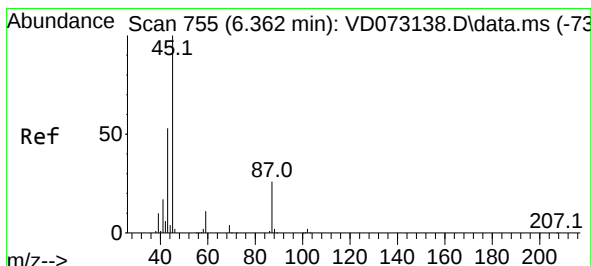
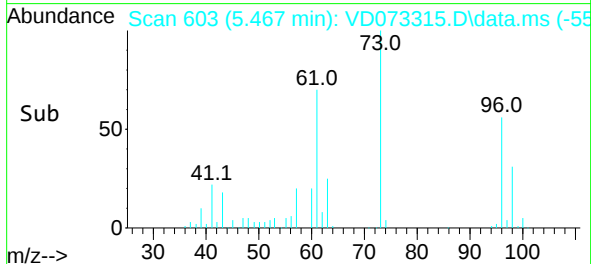
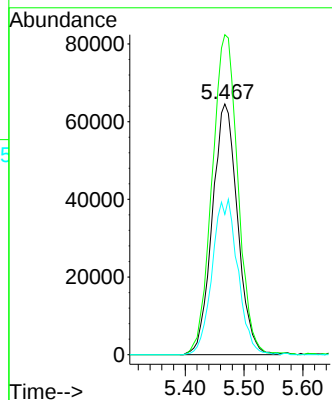
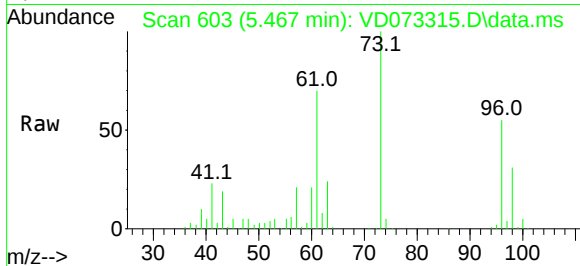




#21
trans-1,2-Dichloroethene
Concen: 51.538 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

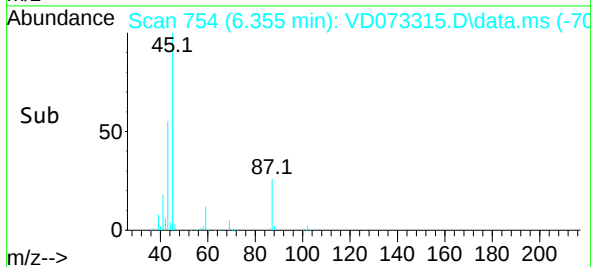
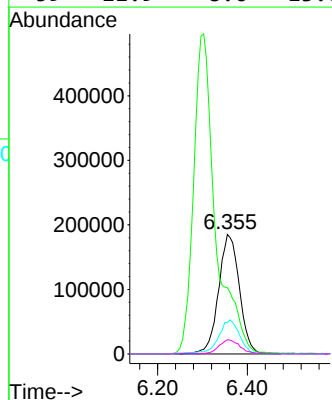
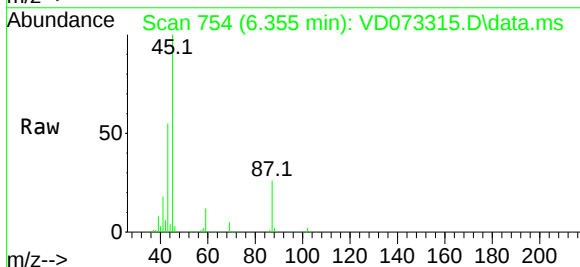
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 193104
Ion Ratio Lower Upper
96 100
61 127.6 117.9 176.9
98 56.0 49.4 74.2



#22
Diisopropyl ether
Concen: 57.146 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.007 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 45 Resp: 599223
Ion Ratio Lower Upper
45 100
43 54.9 46.6 70.0
87 26.3 18.4 27.6
59 11.9 8.6 13.0

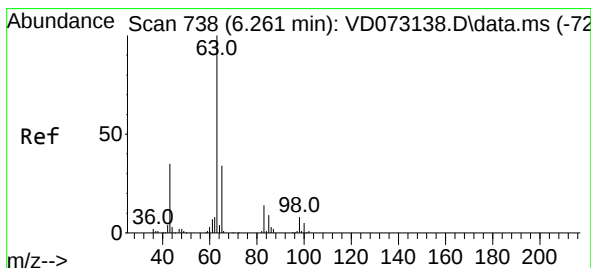
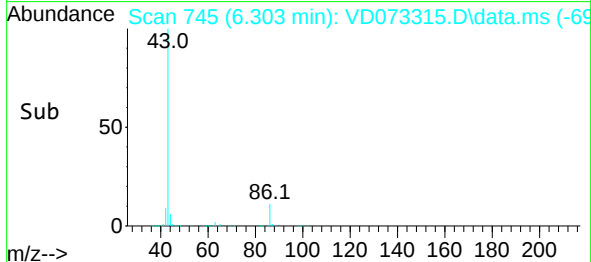
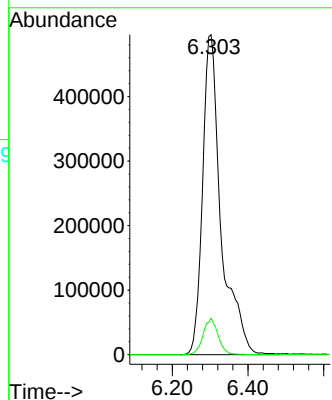
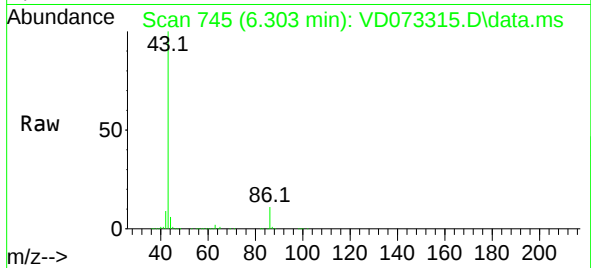




#23
 Vinyl Acetate
 Concen: 300.857 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

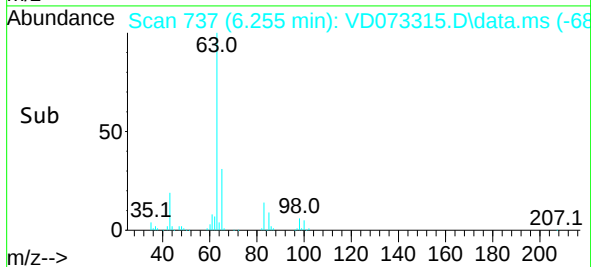
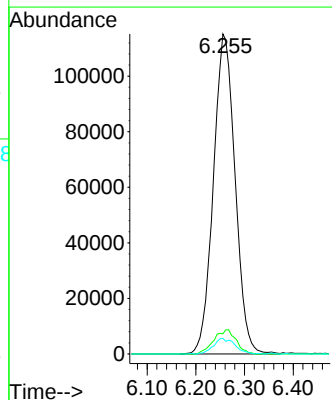
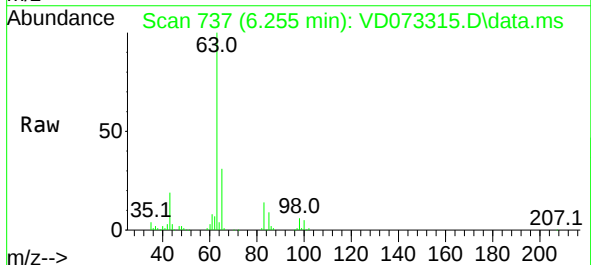
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1682734
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 52.984 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

Tgt Ion: 63 Resp: 356612
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.9 2.1 6.5

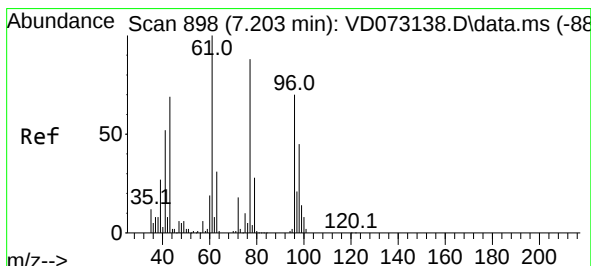
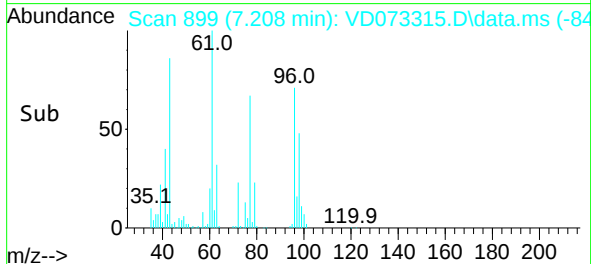
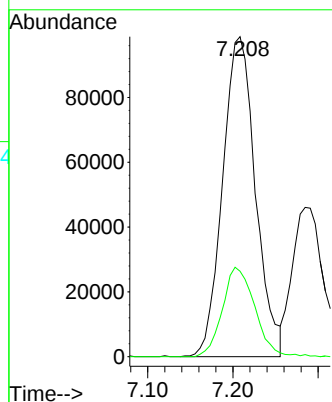
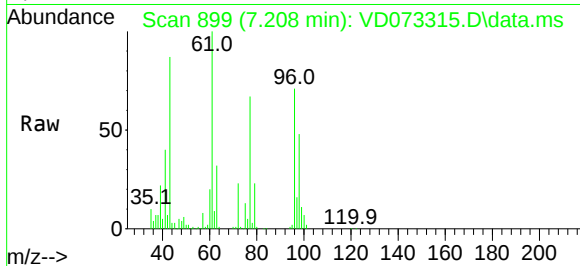




#25
2-Butanone
Concen: 307.009 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

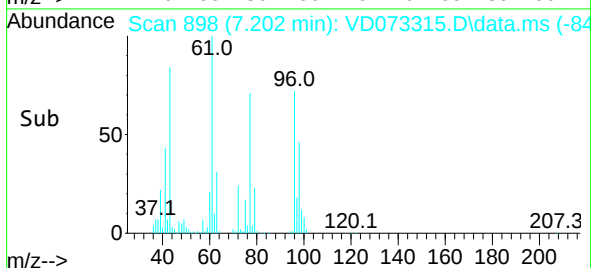
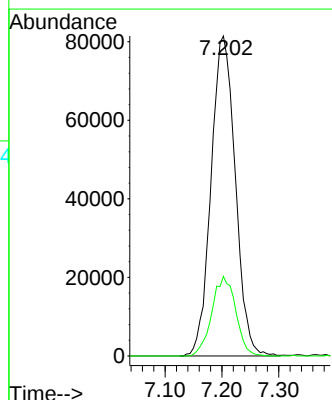
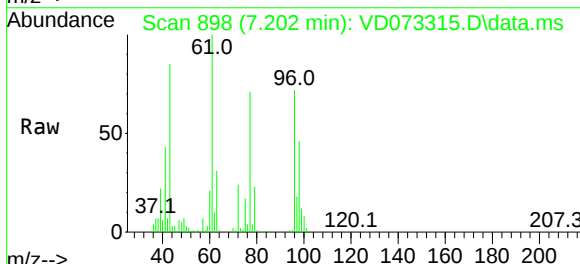
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

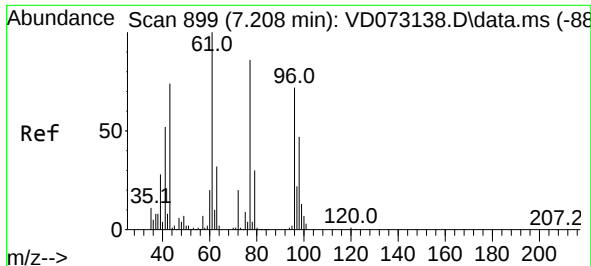
Tgt Ion: 43 Resp: 265123
Ion Ratio Lower Upper
43 100
72 26.7 18.6 27.8



#26
2,2-Dichloropropane
Concen: 42.032 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 77 Resp: 241261
Ion Ratio Lower Upper
77 100
97 24.5 10.8 32.4

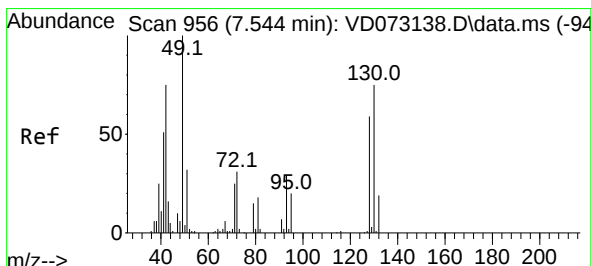
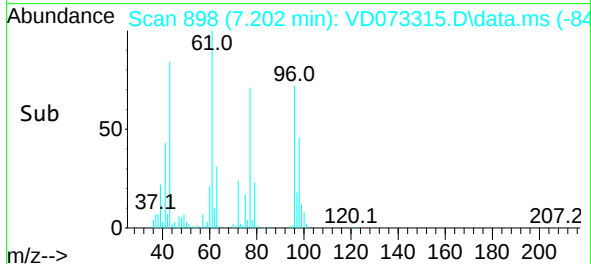
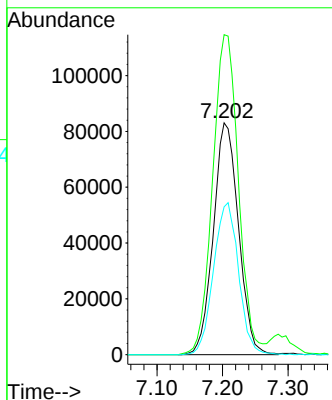
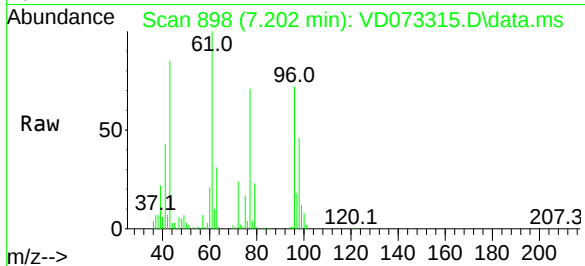




#27
 cis-1,2-Dichloroethene
 Concen: 53.338 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

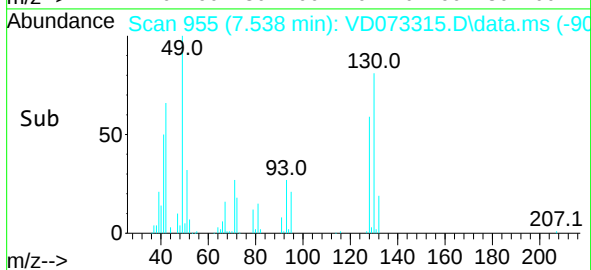
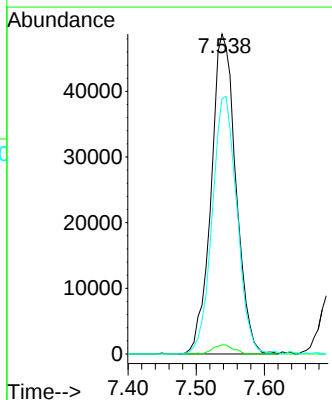
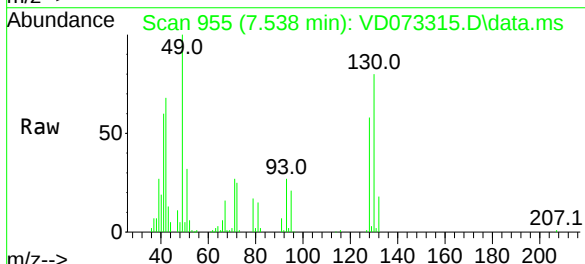
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

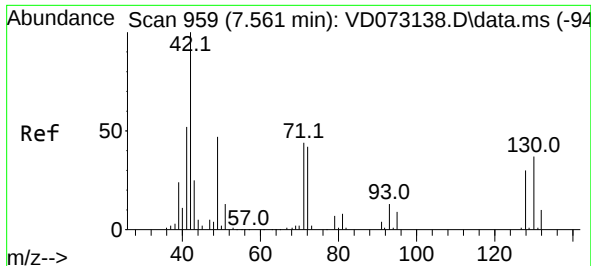
Tgt Ion: 96 Resp: 221130
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 313.8
 98 65.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 53.115 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

Tgt Ion: 49 Resp: 123162
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 80.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 311.800 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

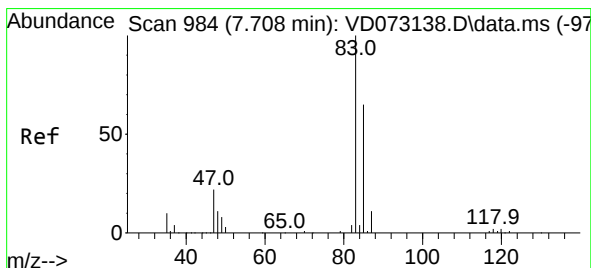
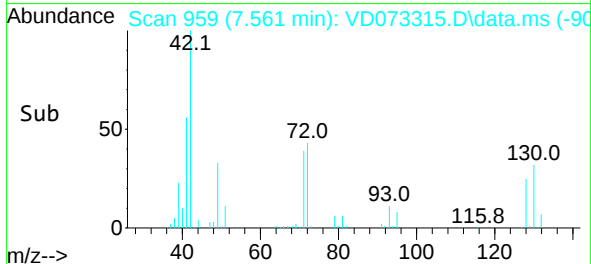
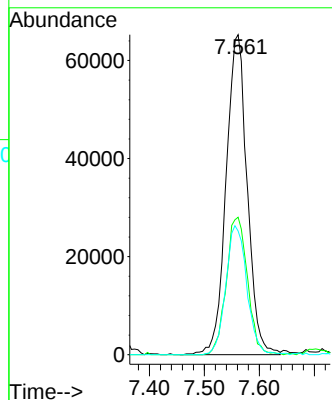
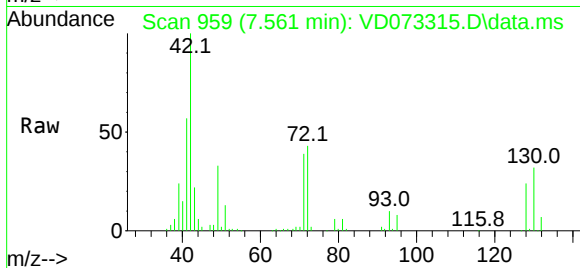
Tgt Ion: 42 Resp: 174108

Ion Ratio Lower Upper

42 100

72 43.2 30.7 46.1

71 40.3 28.6 43.0



#30

Chloroform

Concen: 53.780 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073315.D

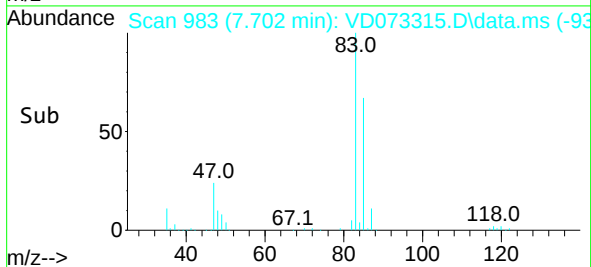
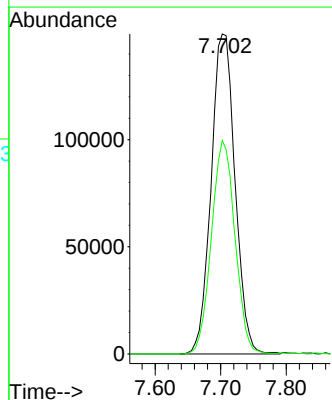
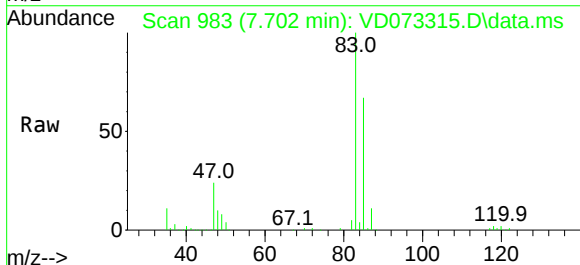
Acq: 24 May 2022 07:41

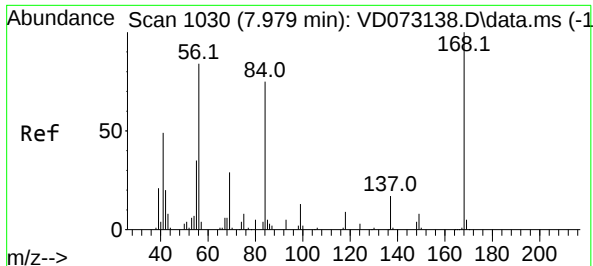
Tgt Ion: 83 Resp: 377896

Ion Ratio Lower Upper

83 100

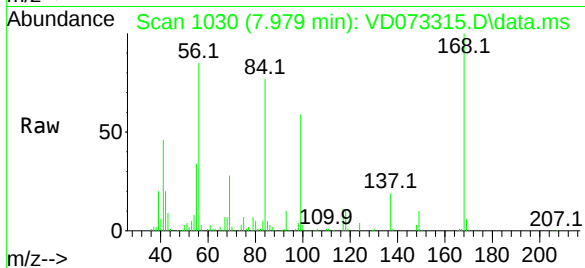
85 66.7 52.7 79.1



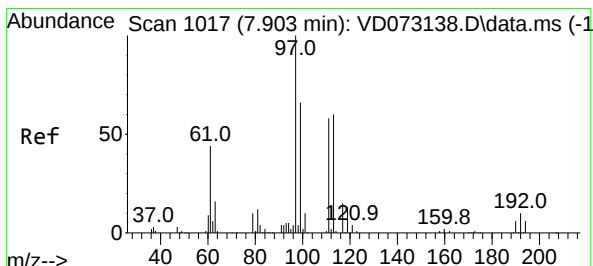
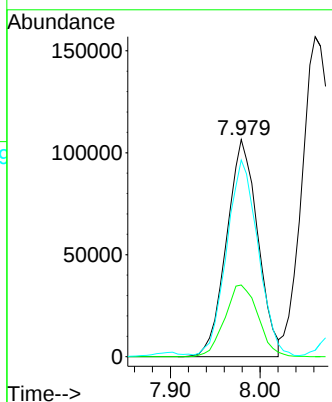
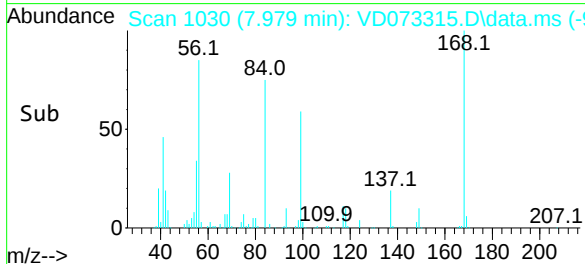


#31
Cyclohexane
Concen: 43.151 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

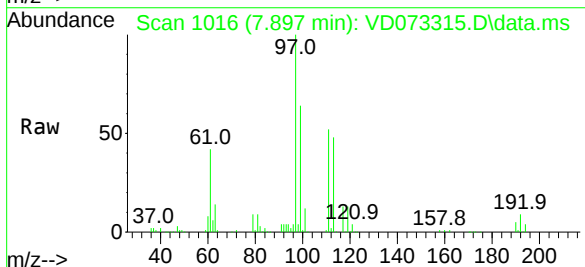
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



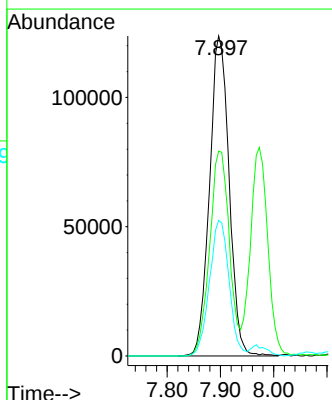
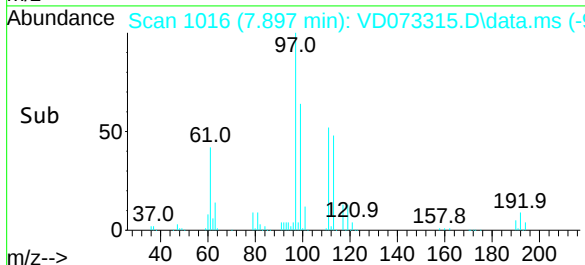
Tgt Ion: 56 Resp: 256969
Ion Ratio Lower Upper
56 100
69 33.0 25.4 38.2
84 89.4 63.0 94.4

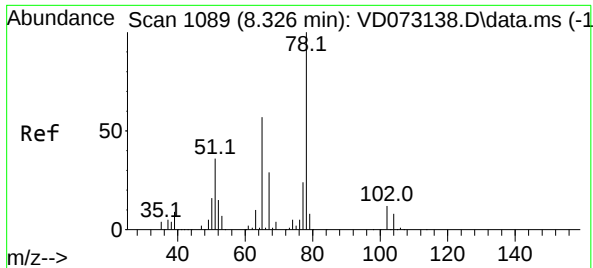


#32
1,1,1-Trichloroethane
Concen: 51.488 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41



Tgt Ion: 97 Resp: 316432
Ion Ratio Lower Upper
97 100
99 64.7 52.4 78.6
61 42.4 38.0 57.0

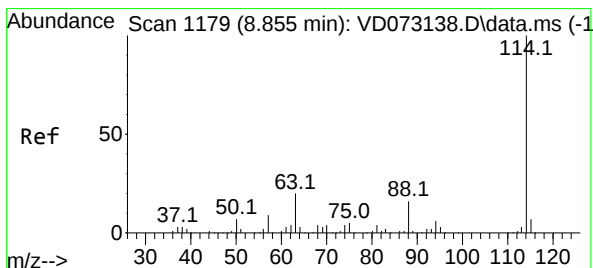
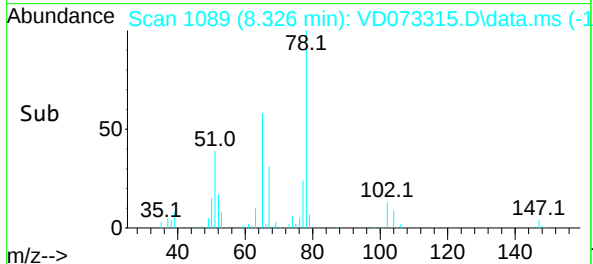
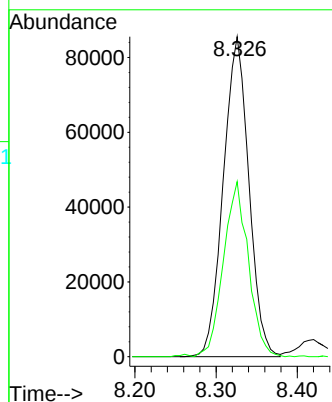
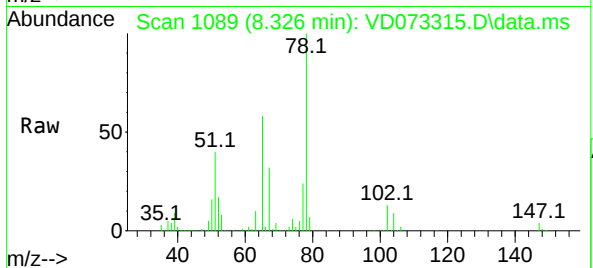




#33
1,2-Dichloroethane-d4
Concen: 54.791 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

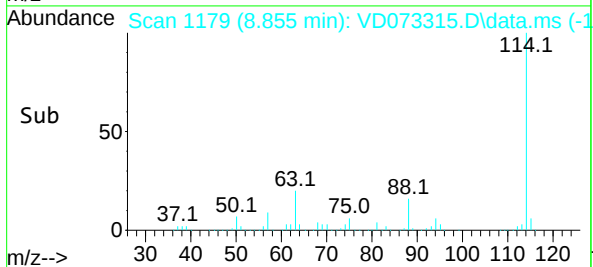
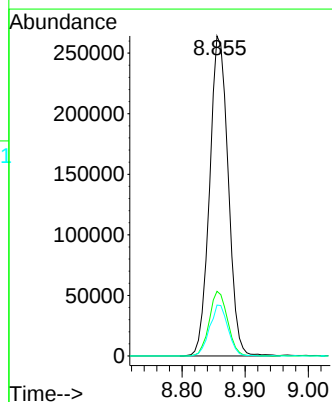
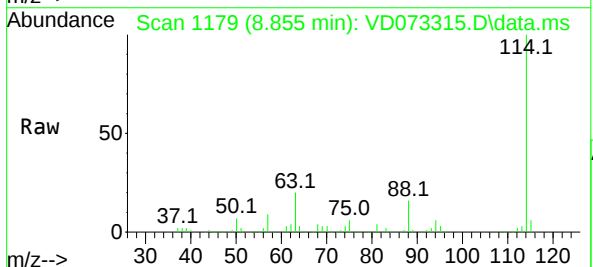
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 186713
Ion Ratio Lower Upper
65 100
67 53.5 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 114 Resp: 539666
Ion Ratio Lower Upper
114 100
63 20.2 0.0 46.6
88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.550 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

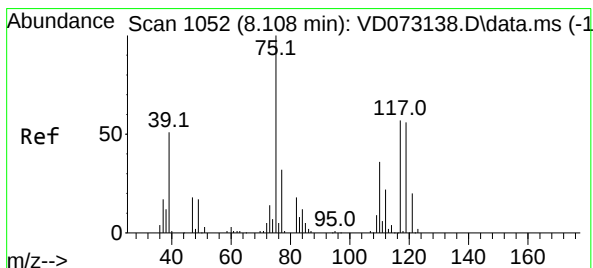
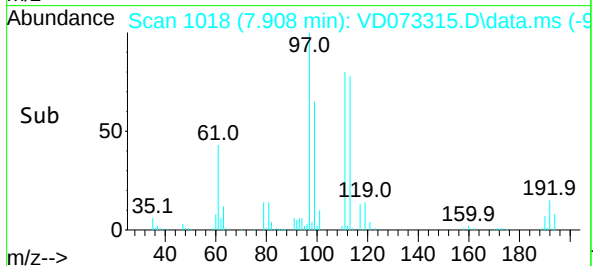
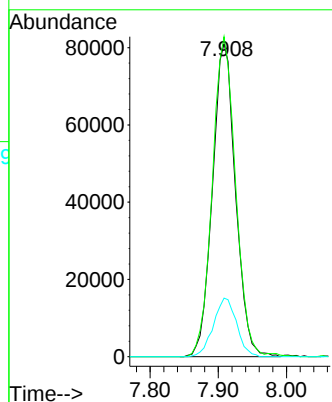
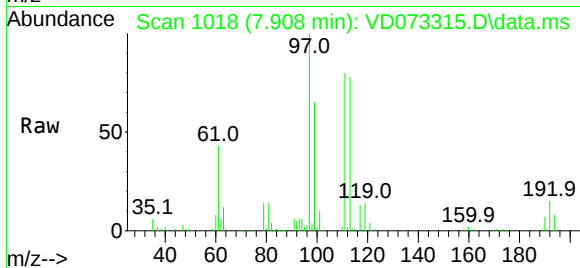
Tgt Ion:113 Resp: 190696

Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 18.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.475 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.006 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

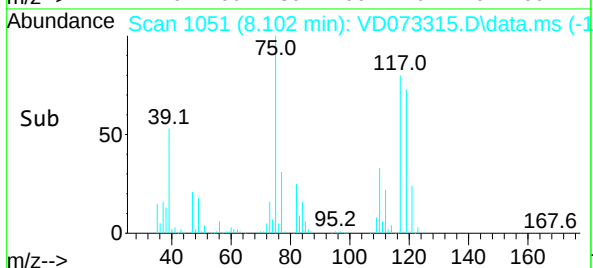
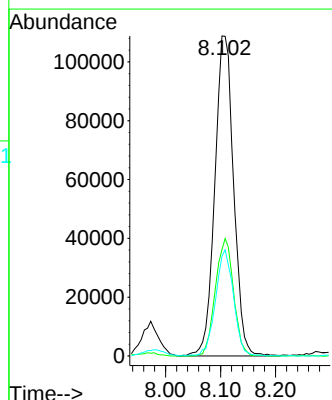
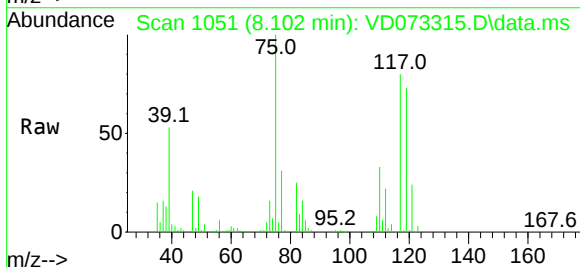
Tgt Ion: 75 Resp: 259622

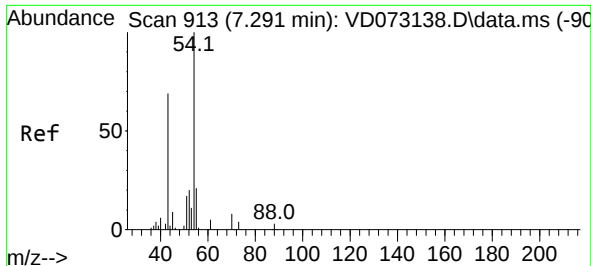
Ion Ratio Lower Upper

75 100

110 35.3 16.4 49.1

77 31.7 24.2 36.2

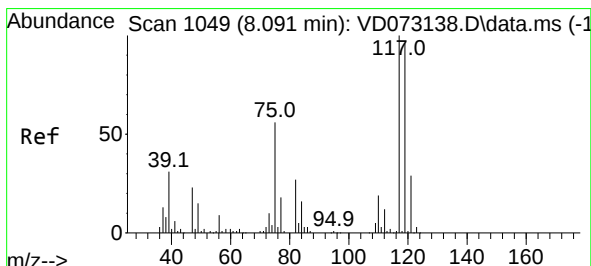
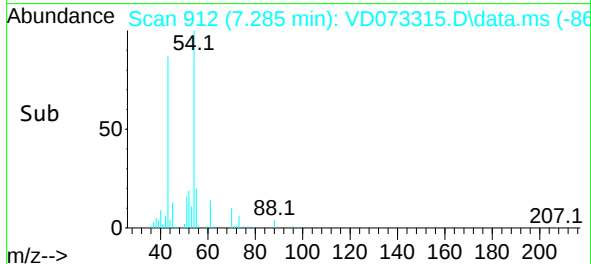
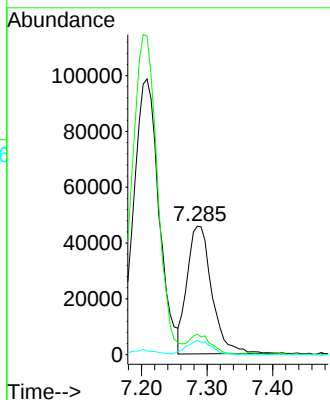
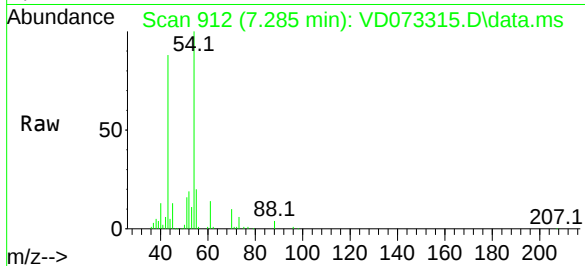




#37
Ethyl Acetate
Concen: 56.485 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

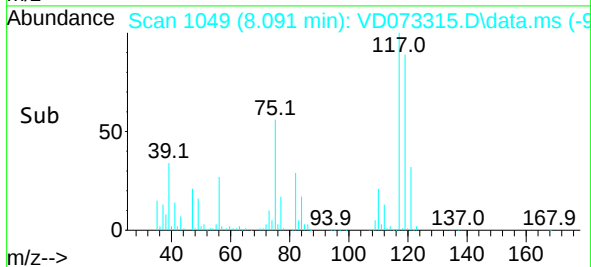
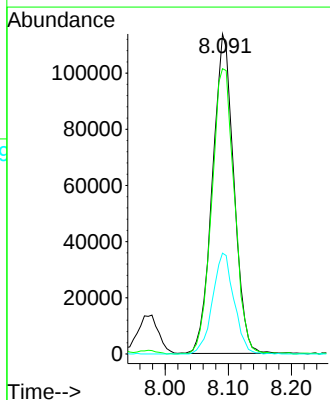
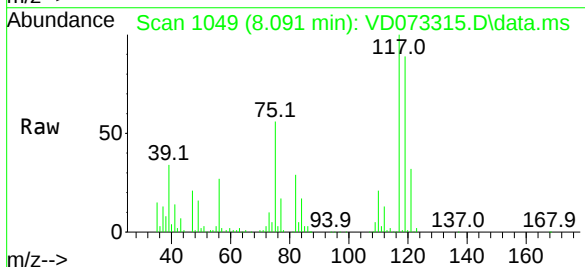
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

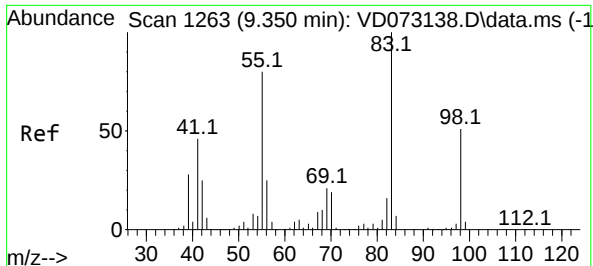
Tgt Ion: 43 Resp: 119495
Ion Ratio Lower Upper
43 100
61 14.1 9.8 14.8
70 11.3 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 49.356 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 117 Resp: 267956
Ion Ratio Lower Upper
117 100
119 89.3 75.8 113.6
121 31.6 24.5 36.7





#39

Methylcyclohexane

Concen: 45.411 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

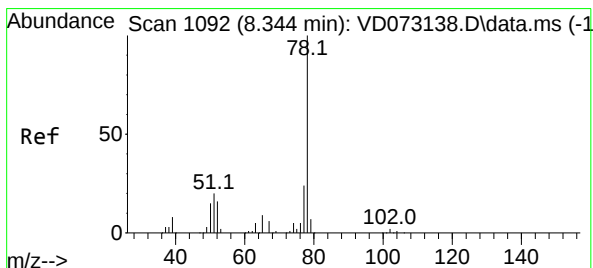
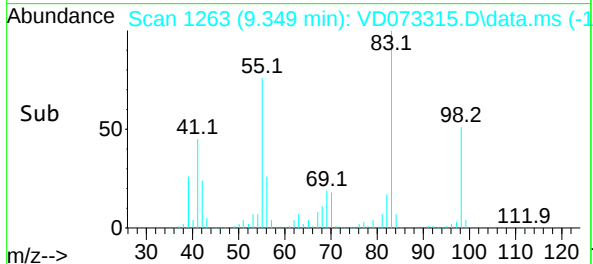
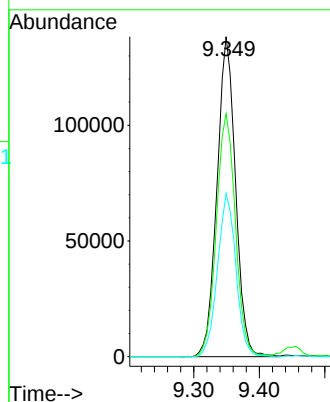
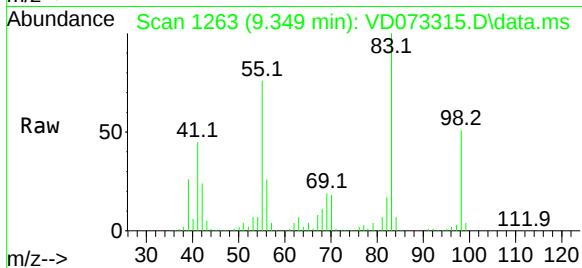
Tgt Ion: 83 Resp: 271048

Ion Ratio Lower Upper

83 100

55 75.9 63.2 94.8

98 51.0 38.2 57.4



#40

Benzene

Concen: 51.509 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073315.D

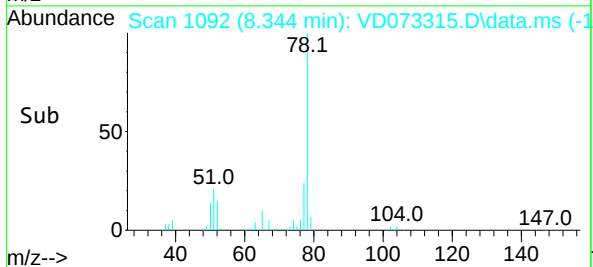
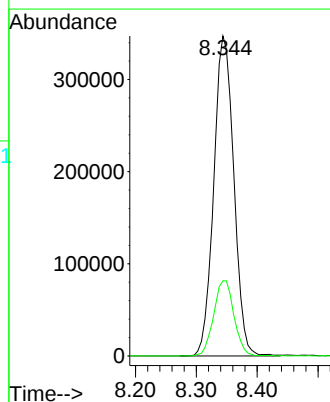
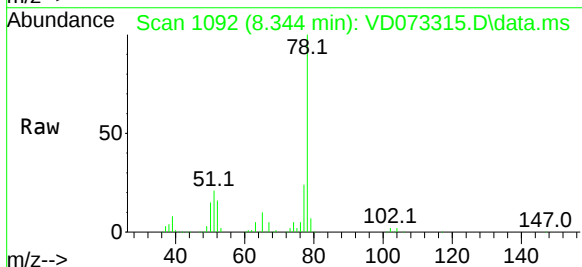
Acq: 24 May 2022 07:41

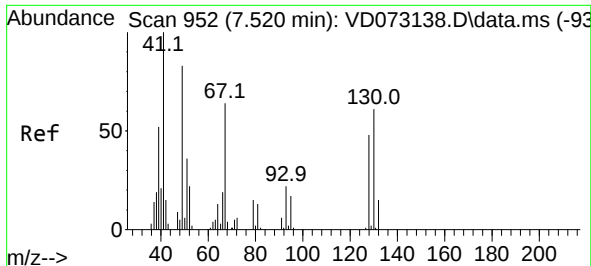
Tgt Ion: 78 Resp: 795062

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

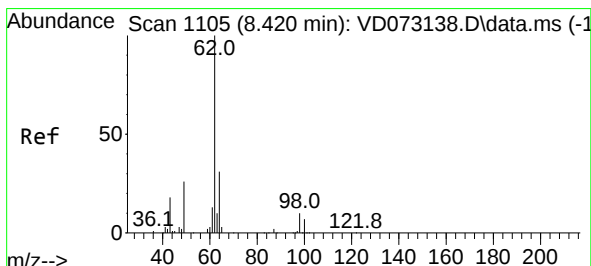
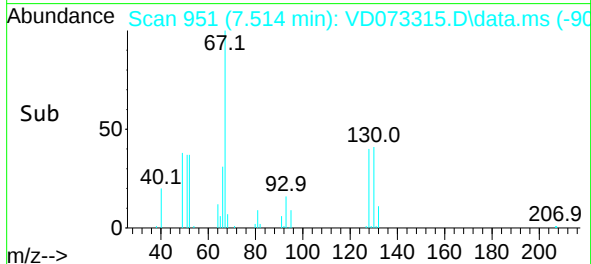
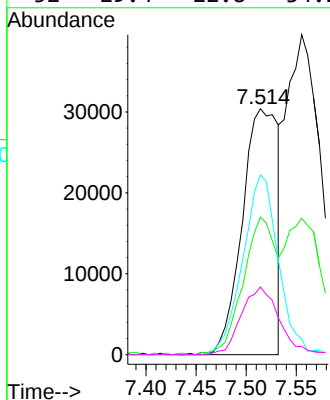
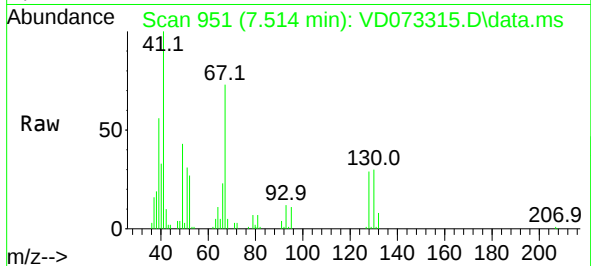




#41
Methacrylonitrile
Concen: 60.929 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

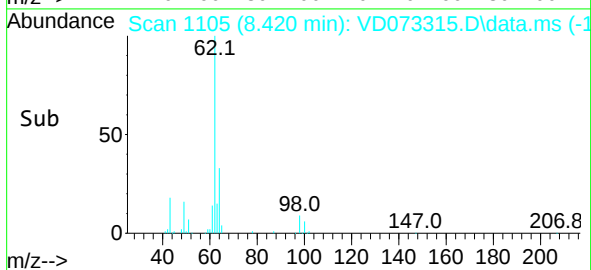
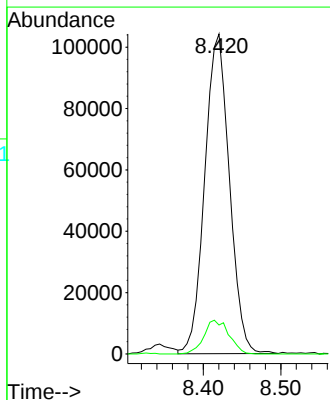
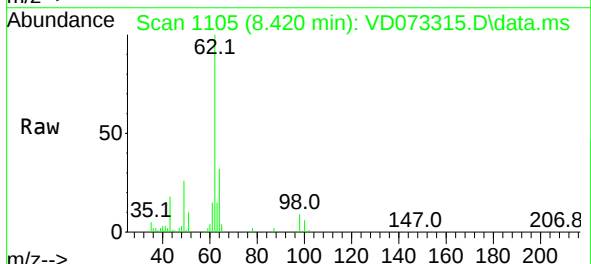
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

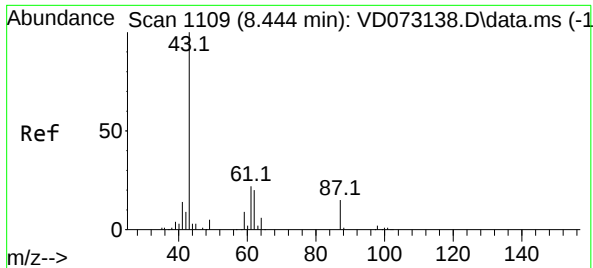
Tgt Ion: 41 Resp: 75099
Ion Ratio Lower Upper
41 100
39 51.2 44.6 67.0
67 73.4 48.2 72.4#
52 29.4 22.8 34.2



#42
1,2-Dichloroethane
Concen: 53.556 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 62 Resp: 230019
Ion Ratio Lower Upper
62 100
98 10.8 0.0 17.6

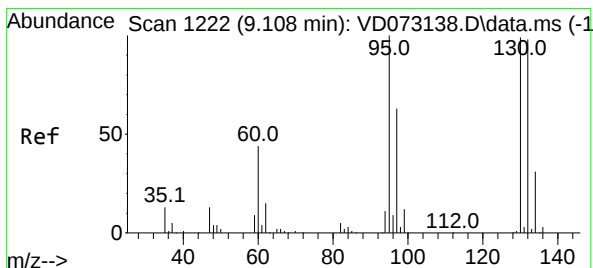
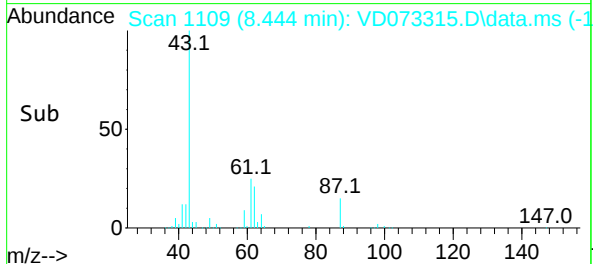
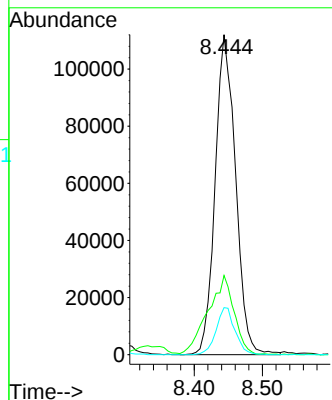
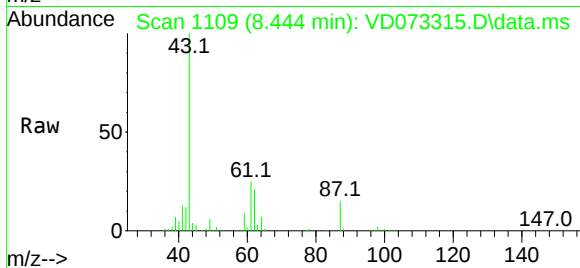




#43
Isopropyl Acetate
Concen: 59.821 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

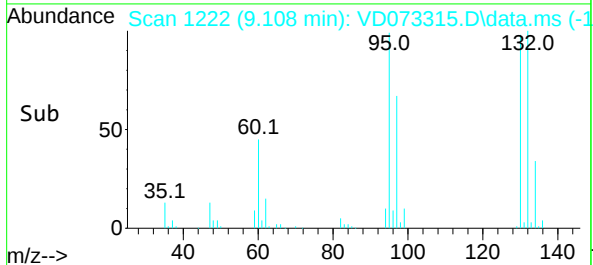
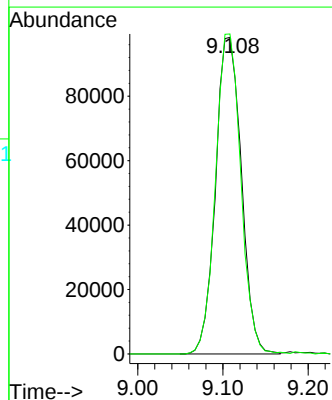
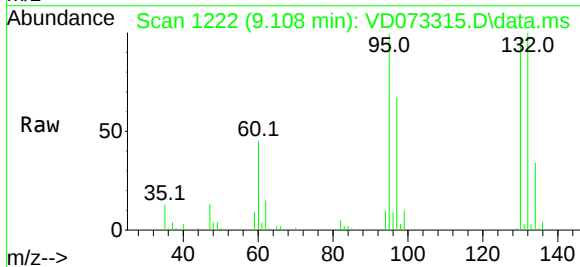
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

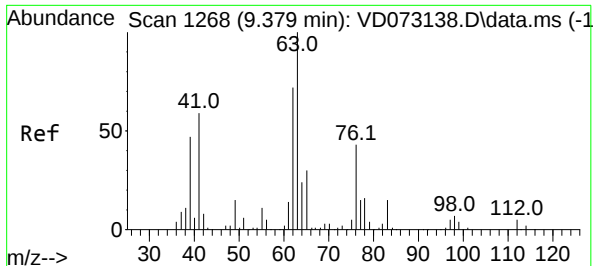
Tgt Ion: 43 Resp: 233913
Ion Ratio Lower Upper
43 100
61 31.0 22.4 33.6
87 13.6 8.7 13.1#



#44
Trichloroethene
Concen: 50.254 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:130 Resp: 206851
Ion Ratio Lower Upper
130 100
95 101.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.372 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

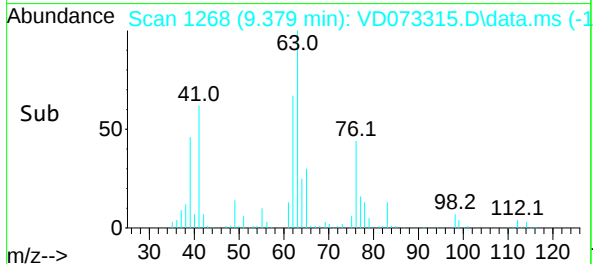
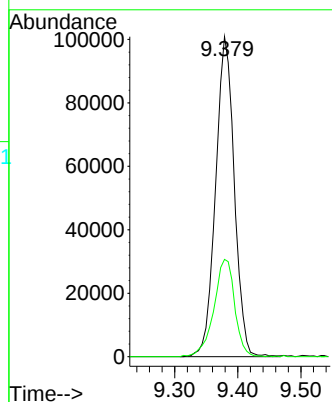
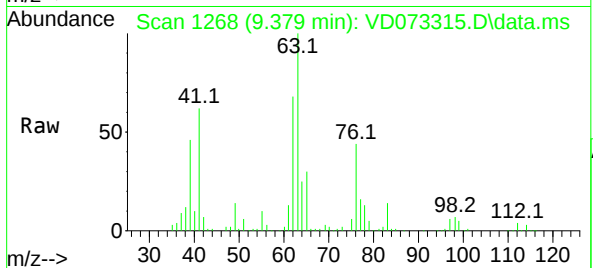
VSTDCCC050EC

Tgt Ion: 63 Resp: 207470

Ion Ratio Lower Upper

63 100

65 30.4 26.2 39.4



#46

Dibromomethane

Concen: 54.182 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

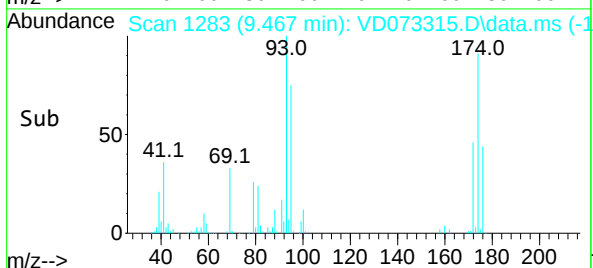
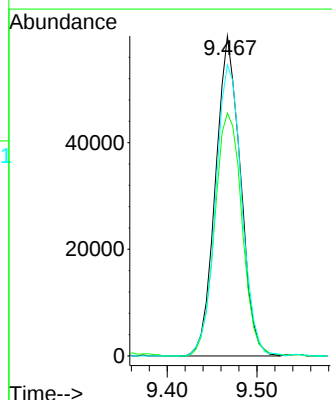
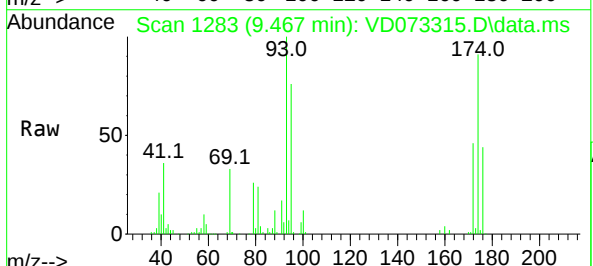
Tgt Ion: 93 Resp: 115676

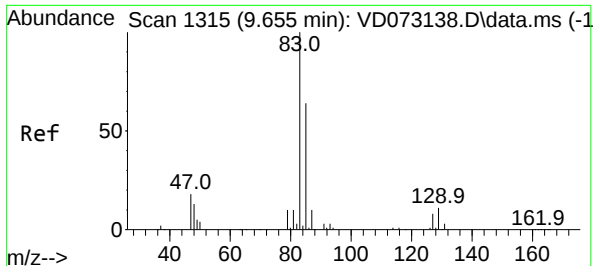
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 94.8 71.6 107.4

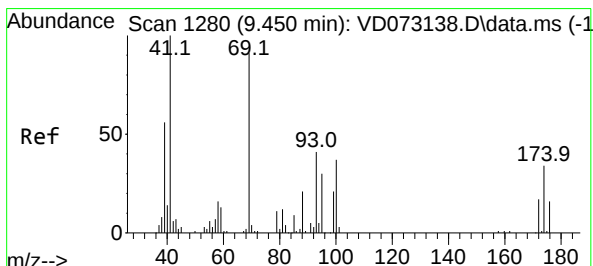
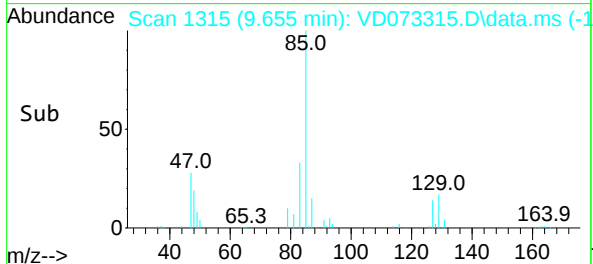
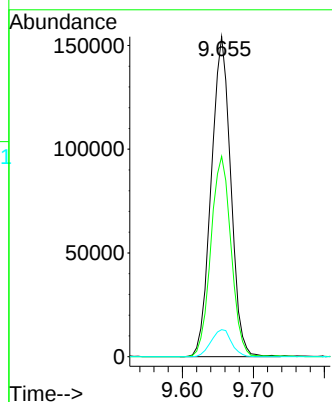
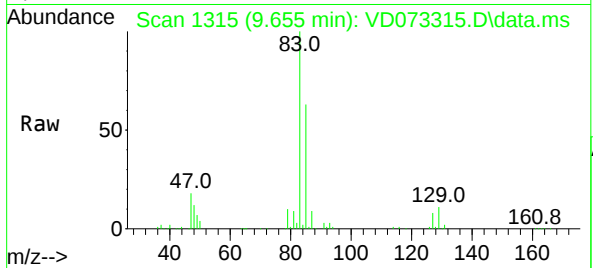




#47
Bromodichloromethane
Concen: 53.845 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

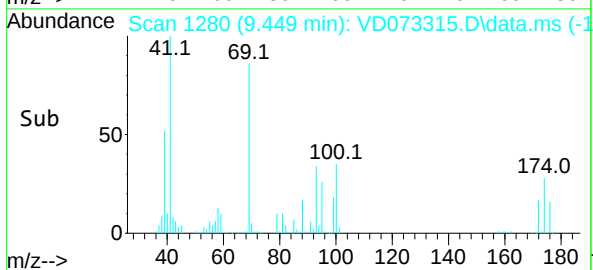
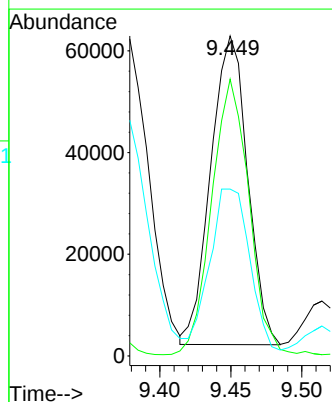
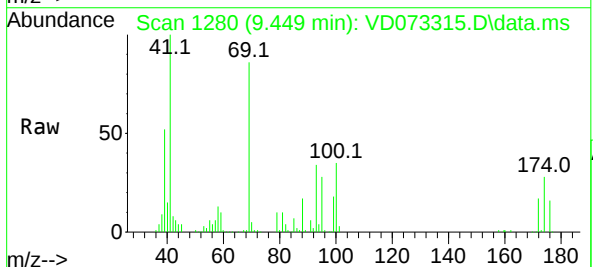
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

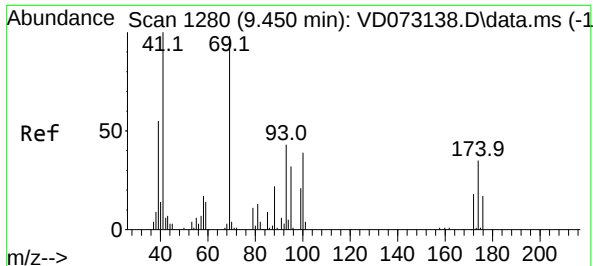
Tgt Ion: 83 Resp: 294136
Ion Ratio Lower Upper
83 100
85 62.6 51.4 77.0
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 55.622 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 41 Resp: 109424
Ion Ratio Lower Upper
41 100
69 92.3 56.7 85.1#
39 59.4 42.7 64.1

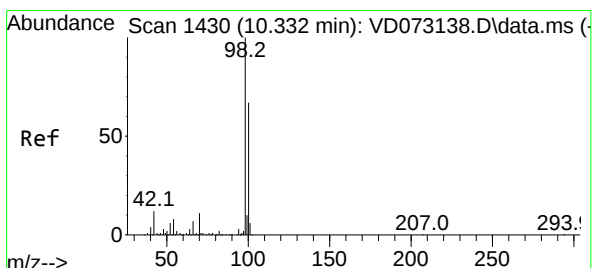
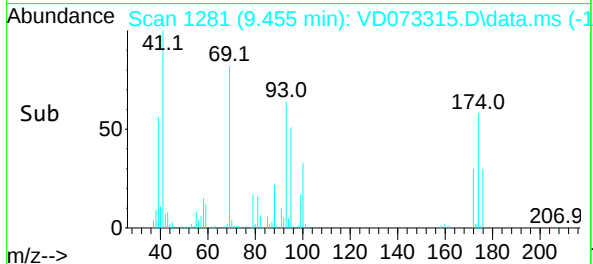
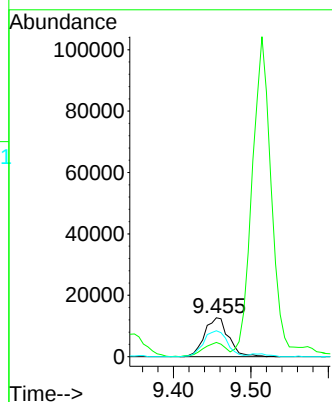
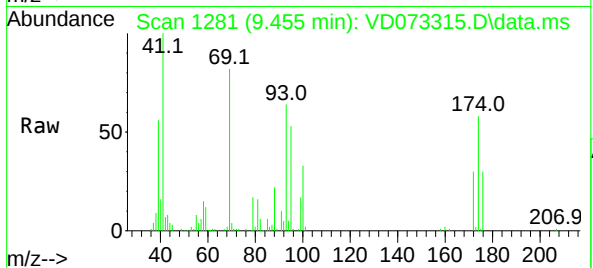




#49
1,4-Dioxane
Concen: 1235.327 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

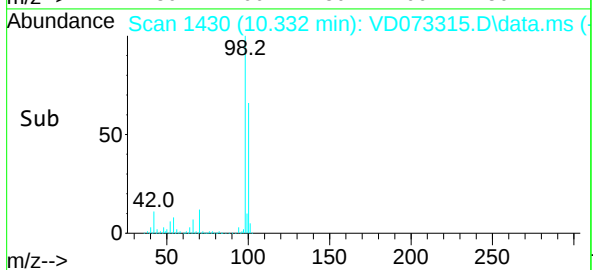
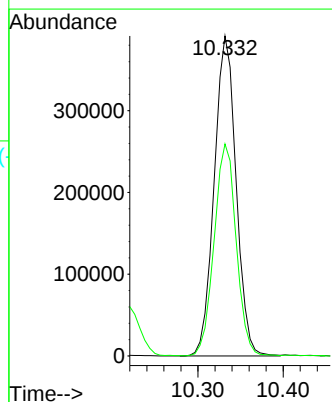
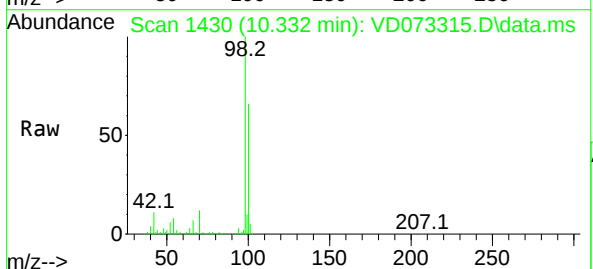
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

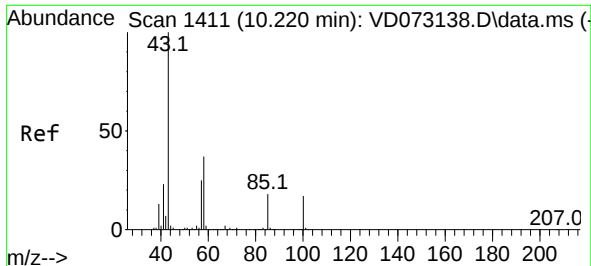
Tgt Ion: 88 Resp: 27236
Ion Ratio Lower Upper
88 100
43 33.9 31.0 46.4
58 66.1 58.1 87.1



#50
Toluene-d8
Concen: 53.201 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 98 Resp: 698375
Ion Ratio Lower Upper
98 100
100 66.6 52.4 78.6

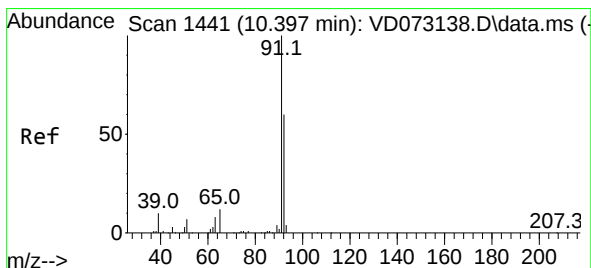
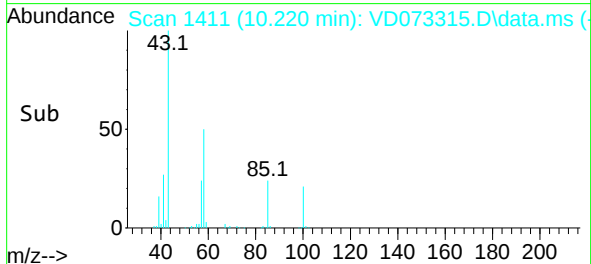
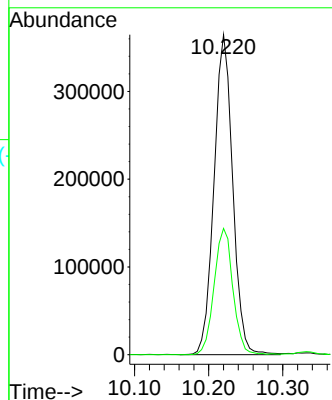
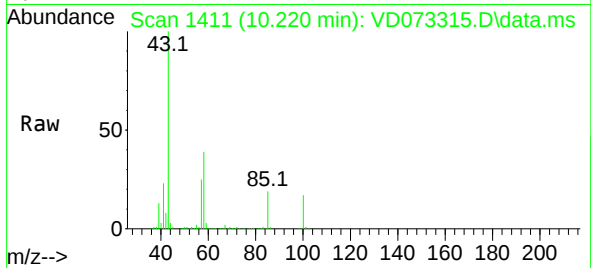




#51
4-Methyl-2-Pentanone
Concen: 314.320 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

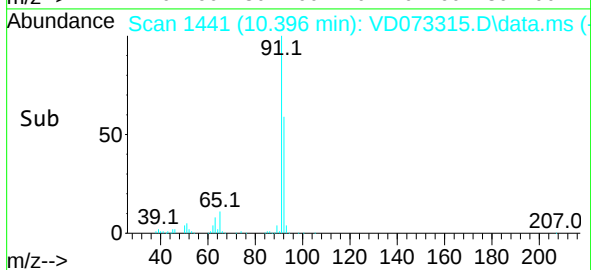
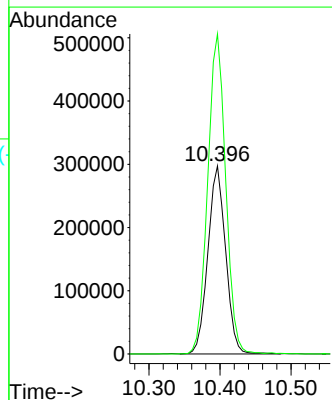
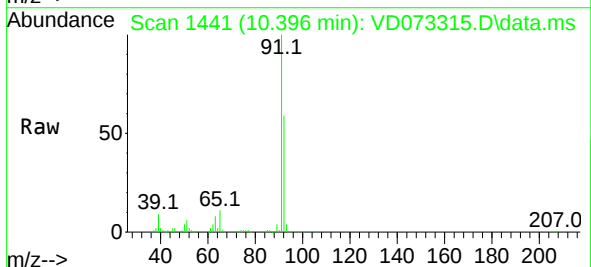
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

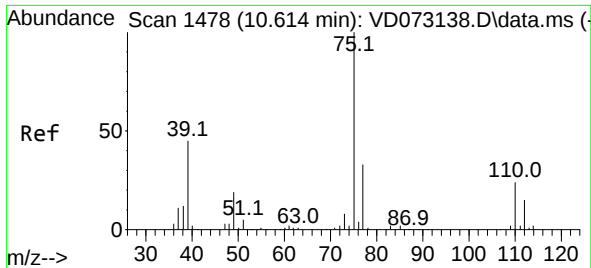
Tgt Ion: 43 Resp: 638353
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 52.988 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 92 Resp: 516845
Ion Ratio Lower Upper
92 100
91 171.9 139.6 209.4

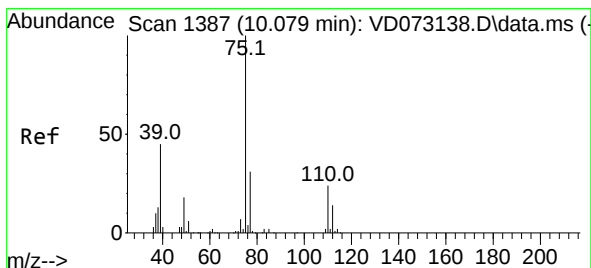
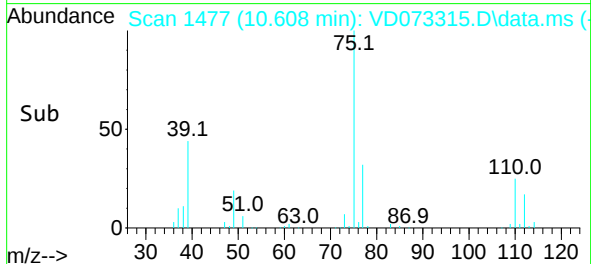
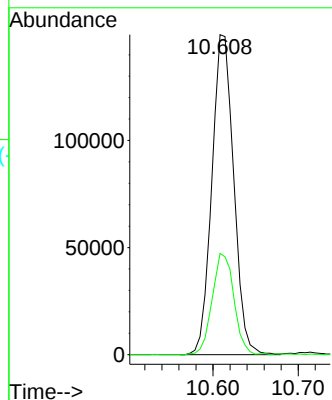
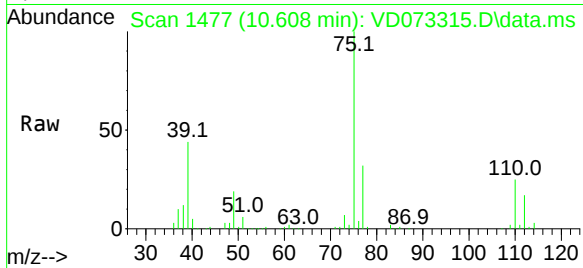




#53
t-1,3-Dichloropropene
Concen: 54.053 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

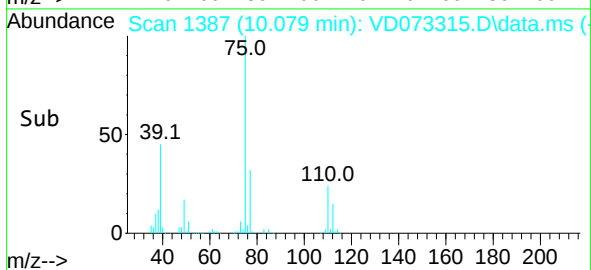
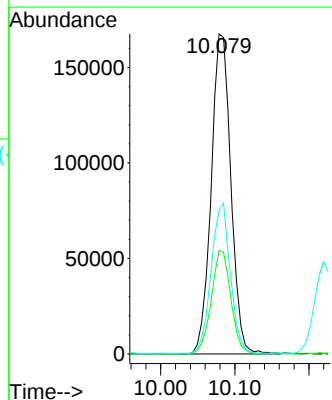
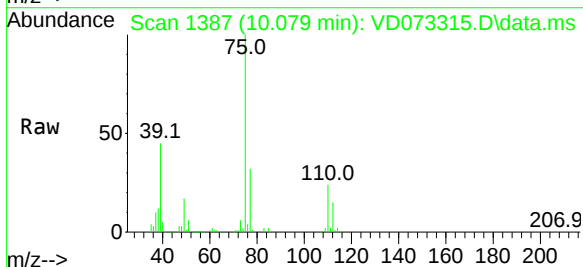
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

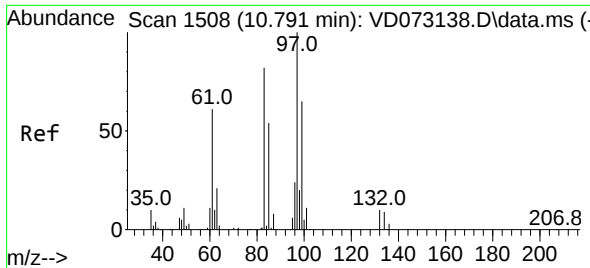
Tgt Ion: 75 Resp: 266758
Ion Ratio Lower Upper
75 100
77 31.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 52.317 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 75 Resp: 308972
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 44.8 46.8 70.2#

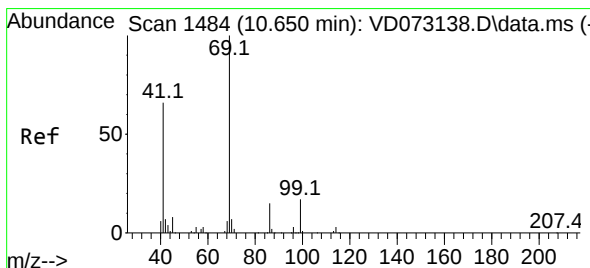
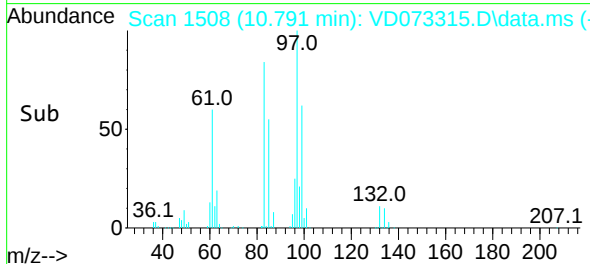
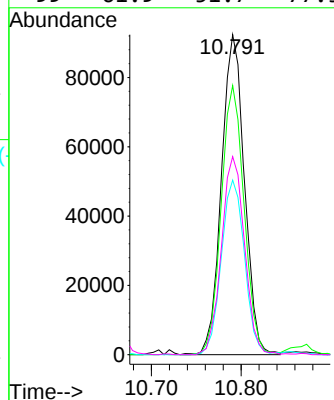
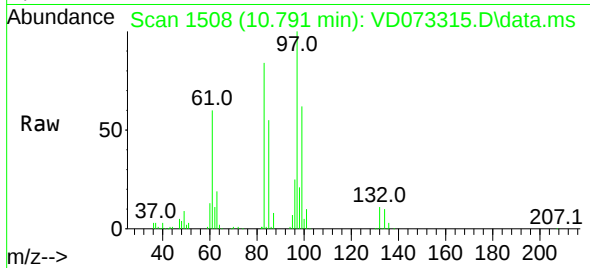




#55
1,1,2-Trichloroethane
Concen: 56.860 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

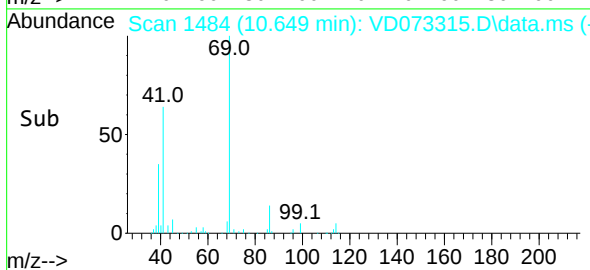
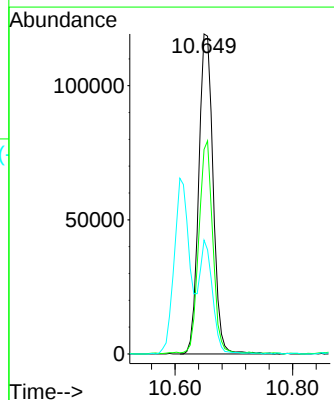
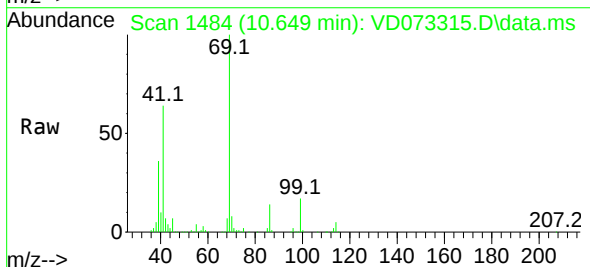
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

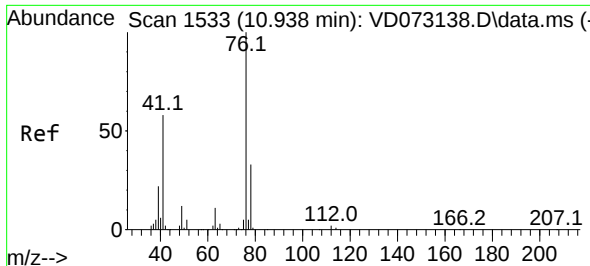
Tgt Ion:	97	Resp:	164154
Ion	Ratio	Lower	Upper
97	100		
83	84.1	69.0	103.4
85	54.5	42.6	63.8
99	61.9	51.7	77.5



#56
Ethyl methacrylate
Concen: 63.079 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:	69	Resp:	202476
Ion	Ratio	Lower	Upper
69	100		
41	64.4	63.0	94.6
39	33.2	33.8	50.8

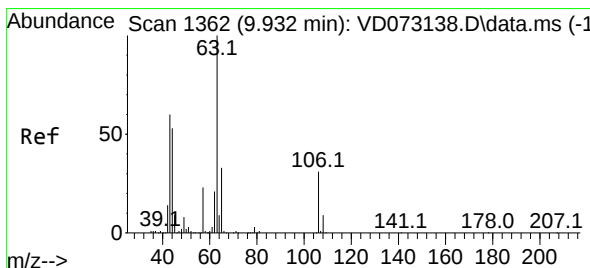
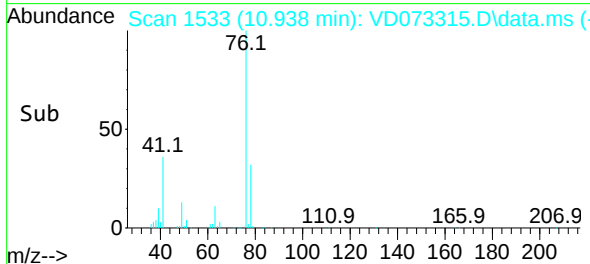
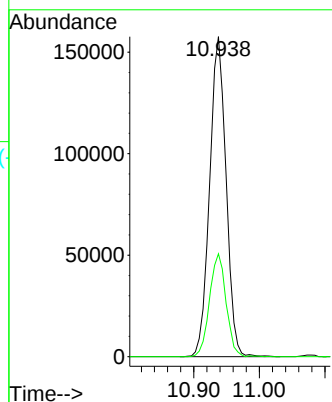
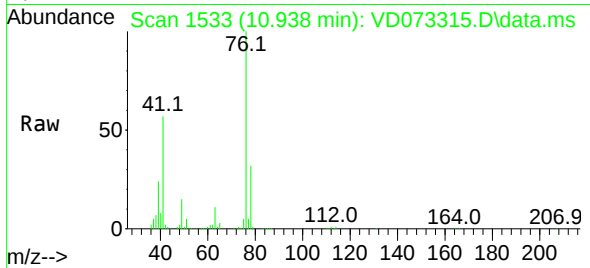




#57
1,3-Dichloropropane
Concen: 56.706 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

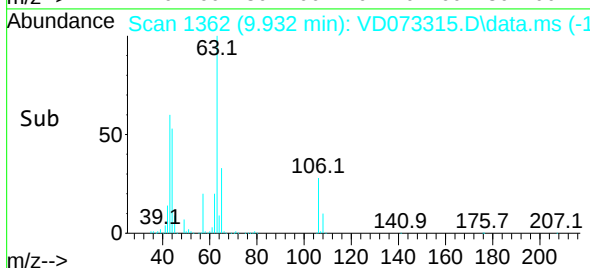
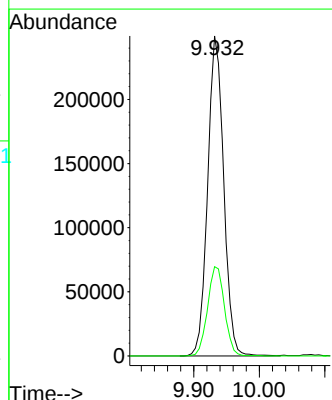
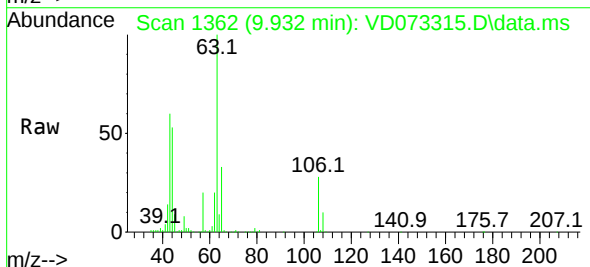
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

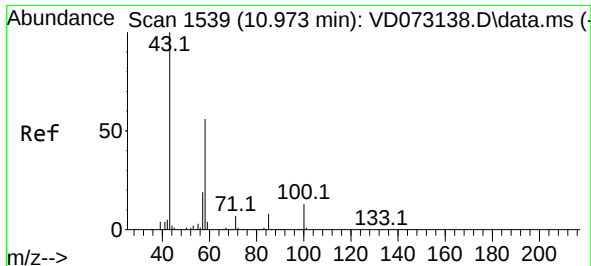
Tgt Ion: 76 Resp: 274693
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 275.947 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 63 Resp: 424574
Ion Ratio Lower Upper
63 100
106 29.3 21.4 32.0

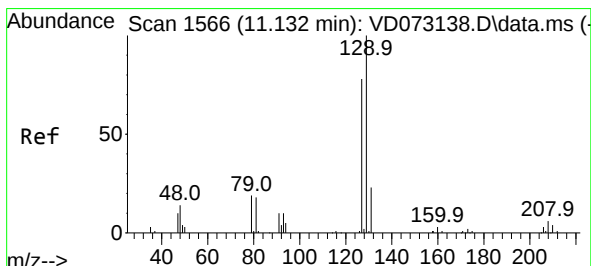
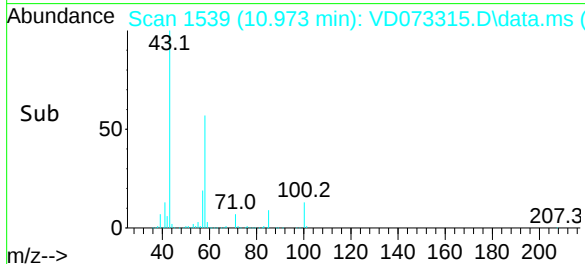
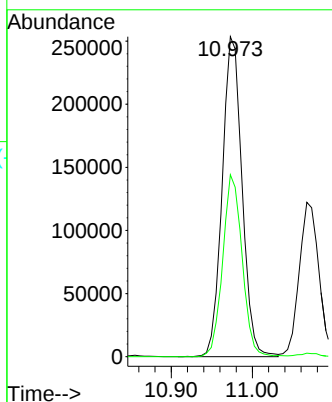
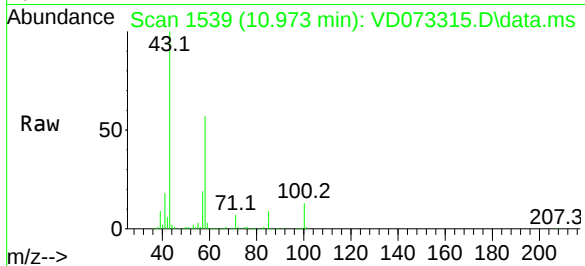




#59
2-Hexanone
Concen: 321.929 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

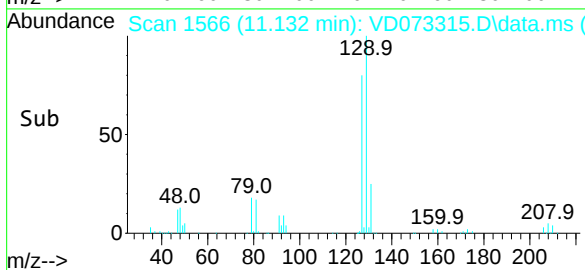
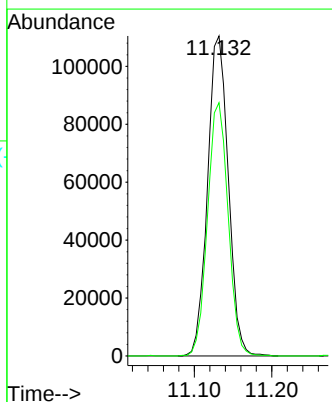
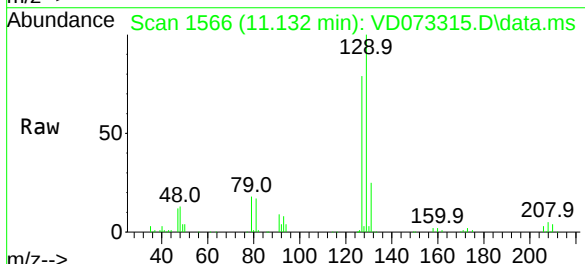
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

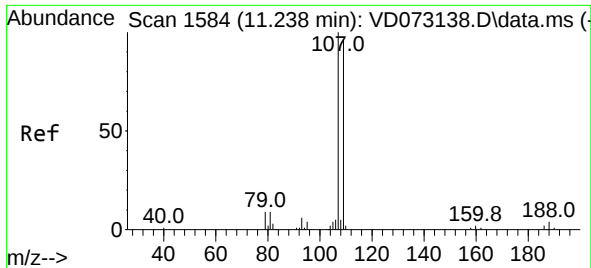
Tgt Ion: 43 Resp: 431044
Ion Ratio Lower Upper
43 100
58 55.7 25.3 75.9



#60
Dibromochloromethane
Concen: 57.151 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:129 Resp: 205737
Ion Ratio Lower Upper
129 100
127 78.6 39.2 117.6

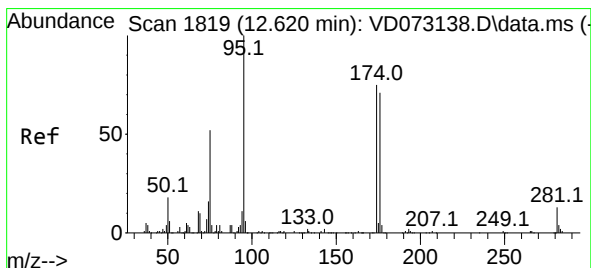
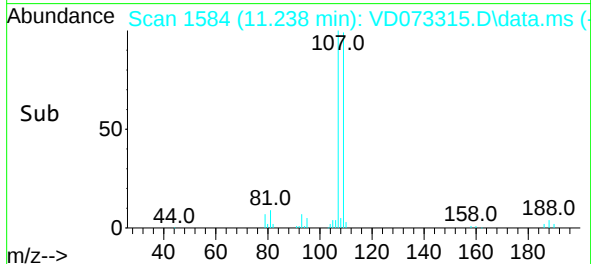
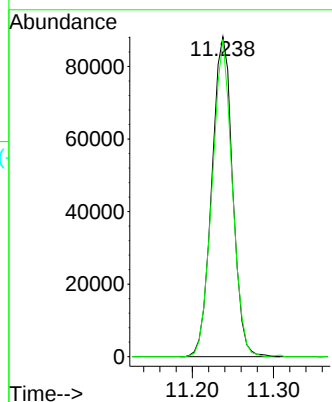
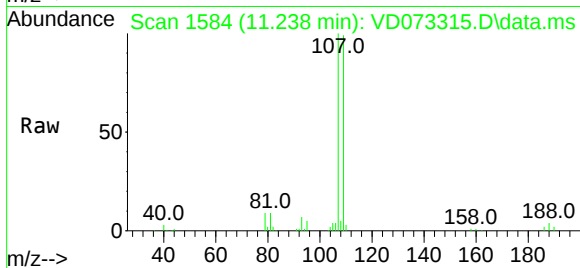




#61
1,2-Dibromoethane
Concen: 56.918 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

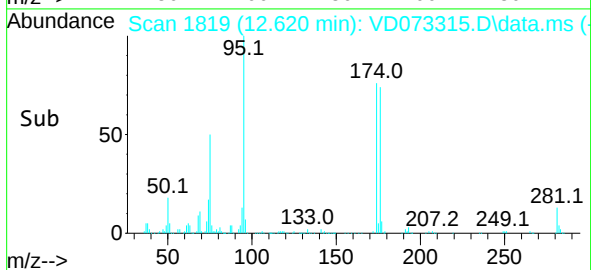
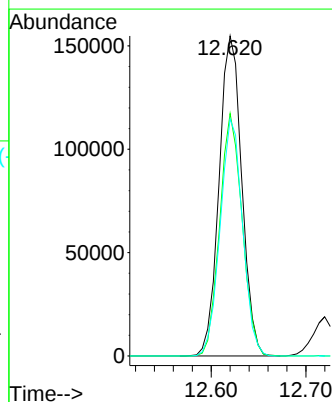
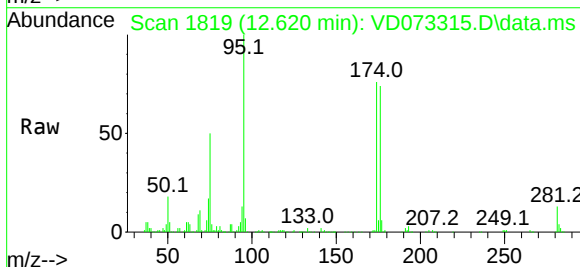
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

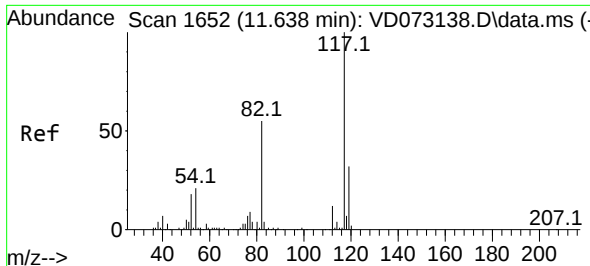
Tgt Ion:107 Resp: 157023
Ion Ratio Lower Upper
107 100
109 95.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.895 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 95 Resp: 257496
Ion Ratio Lower Upper
95 100
174 75.0 0.0 152.8
176 73.1 0.0 145.4

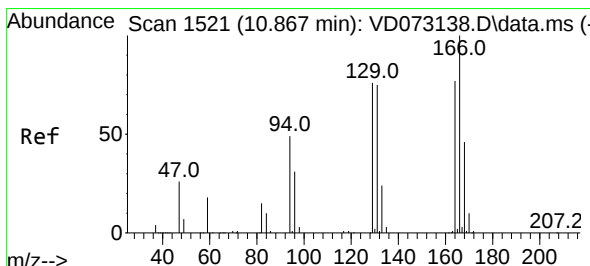
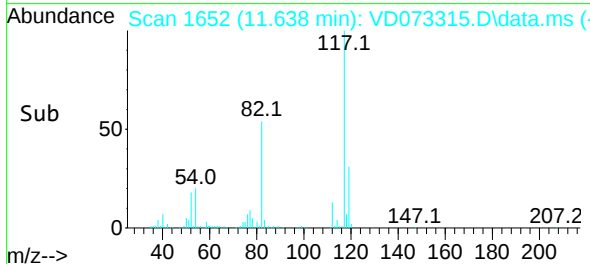
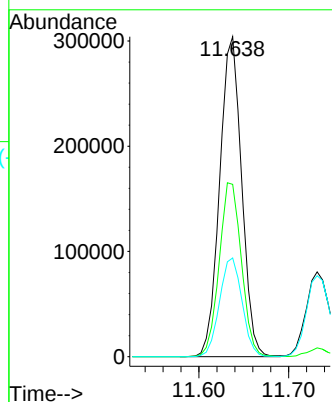
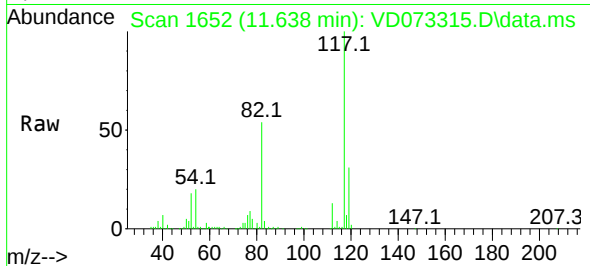




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

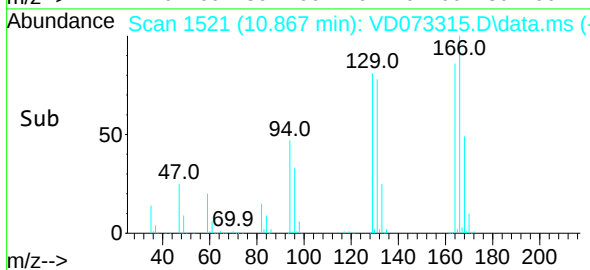
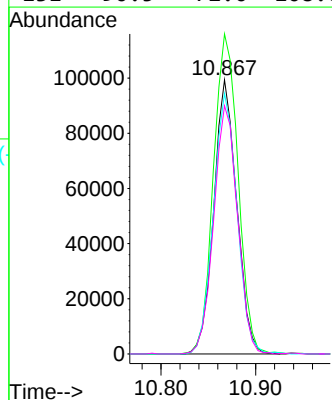
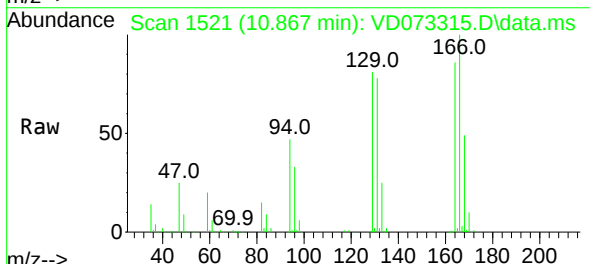
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

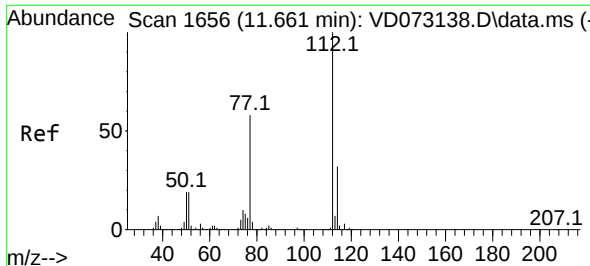
Tgt Ion:117 Resp: 517170
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 30.9 26.6 40.0



#64
Tetrachloroethene
Concen: 49.503 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:164 Resp: 167682
Ion Ratio Lower Upper
164 100
166 116.7 98.5 147.7
129 95.0 74.6 111.8
131 90.5 72.0 108.0

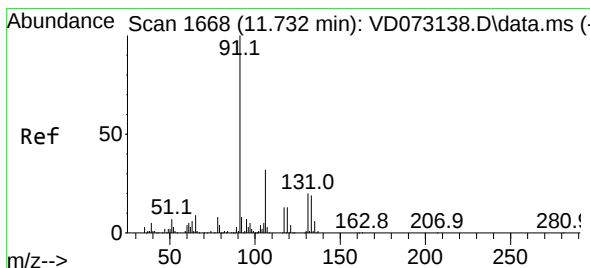
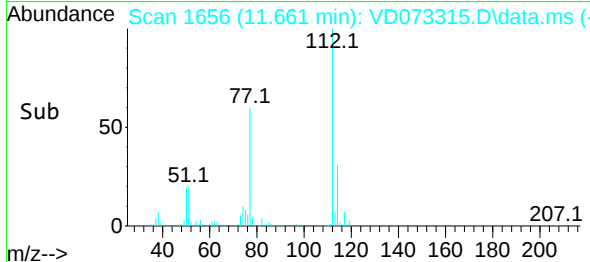
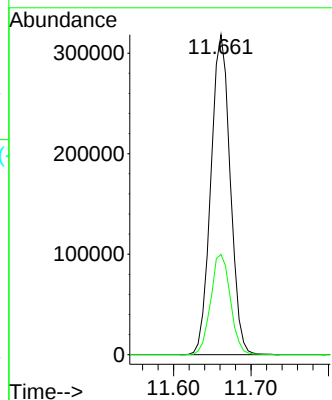
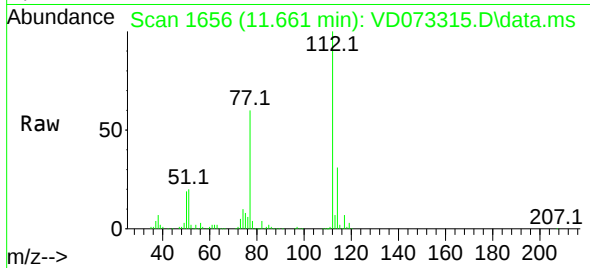




#65
Chlorobenzene
Concen: 52.093 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

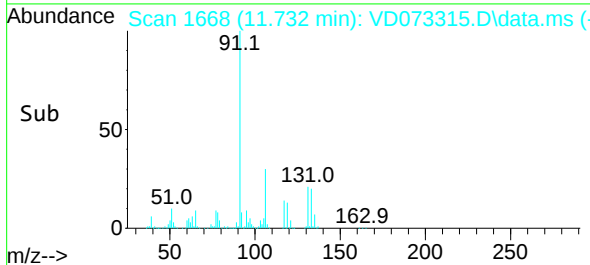
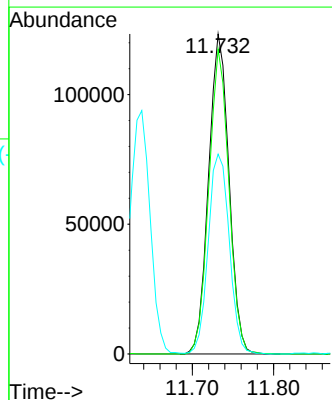
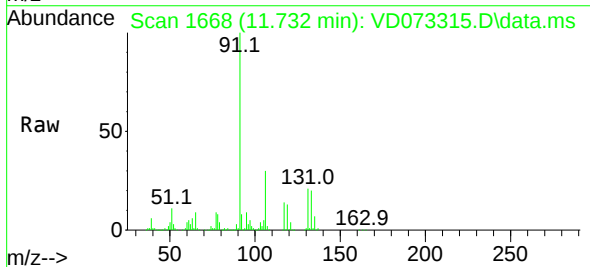
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

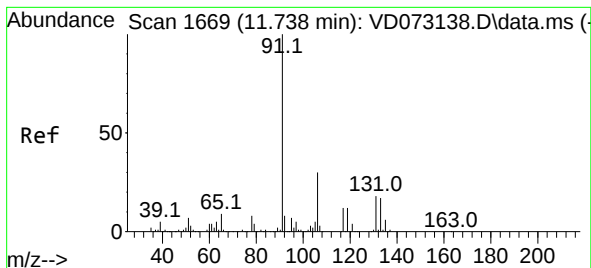
Tgt Ion:112 Resp: 552686
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.602 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:131 Resp: 214846
Ion Ratio Lower Upper
131 100
133 93.6 48.1 144.3
119 64.6 31.9 95.9





#67

Ethyl Benzene

Concen: 52.747 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

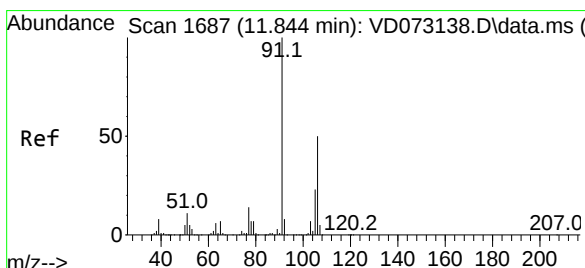
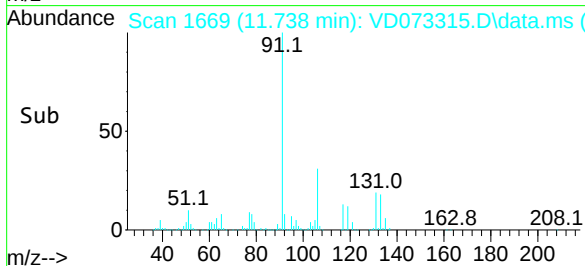
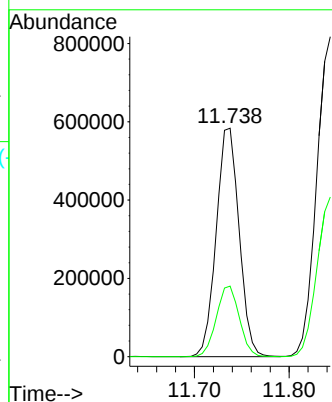
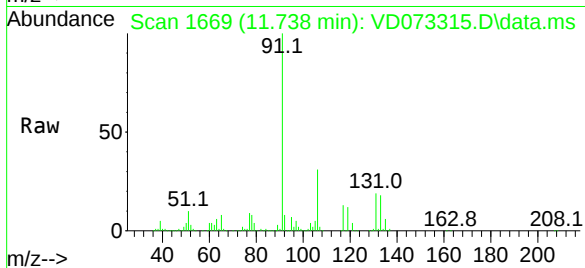
VSTDCCC050EC

Tgt Ion: 91 Resp: 982398

Ion Ratio Lower Upper

91 100

106 30.9 24.2 36.4



#68

m/p-Xylenes

Concen: 106.292 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD073315.D

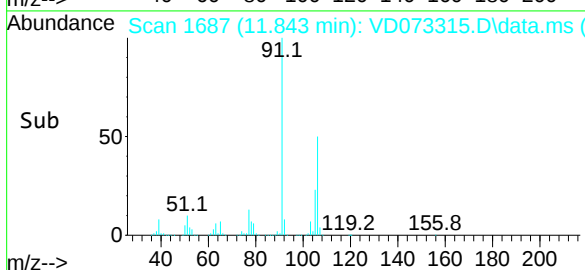
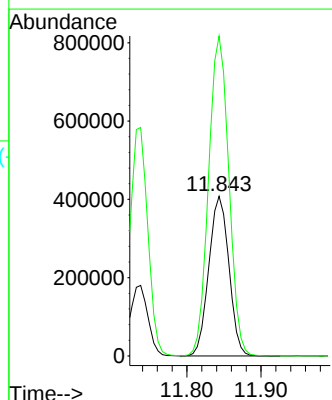
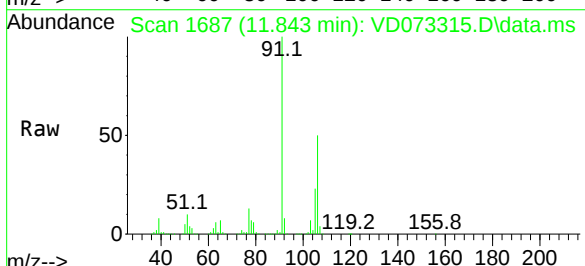
Acq: 24 May 2022 07:41

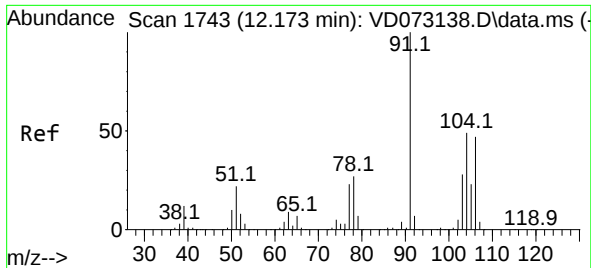
Tgt Ion: 106 Resp: 769128

Ion Ratio Lower Upper

106 100

91 201.8 163.7 245.5

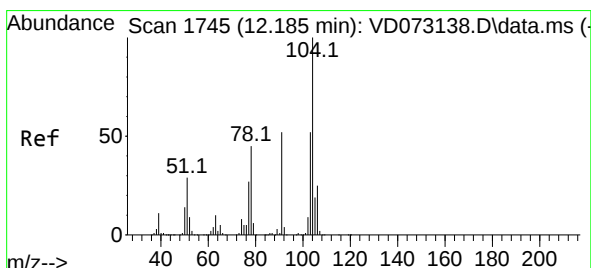
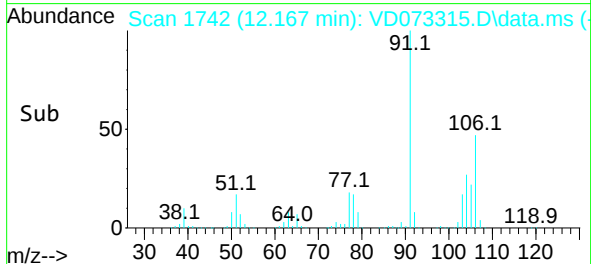
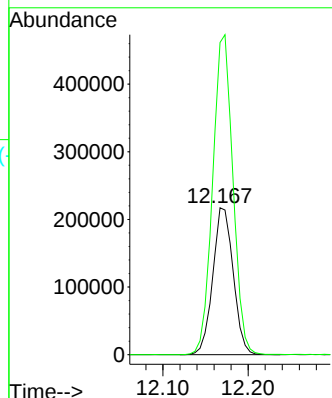
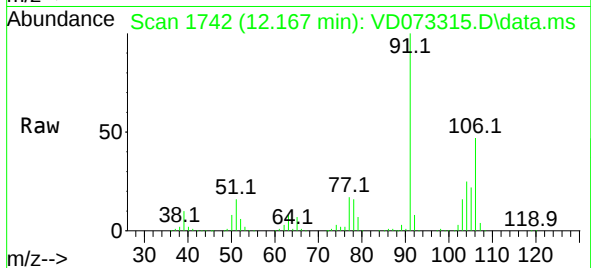




#69
o-Xylene
Concen: 54.334 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

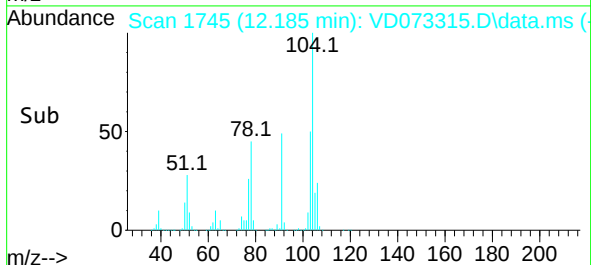
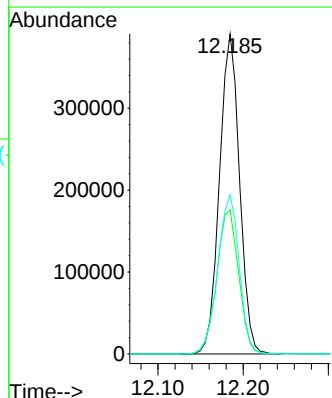
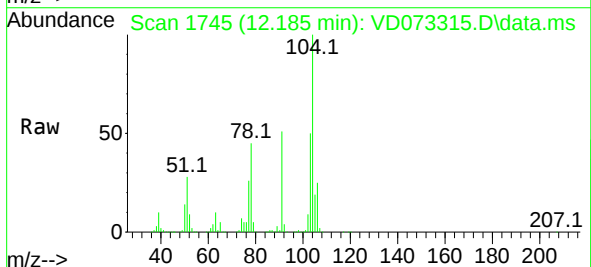
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

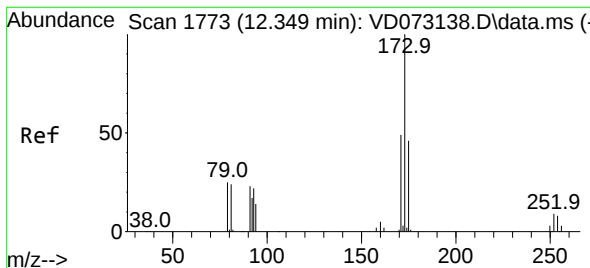
Tgt Ion:106 Resp: 361179
Ion Ratio Lower Upper
106 100
91 215.8 110.4 331.2



#70
Styrene
Concen: 55.887 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:104 Resp: 639158
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 53.3 44.2 66.4





#71

Bromoform

Concen: 58.091 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

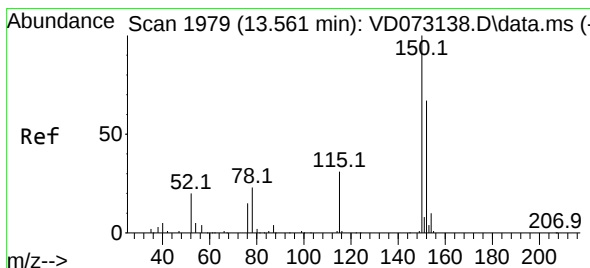
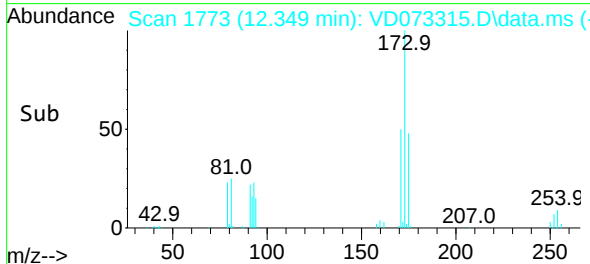
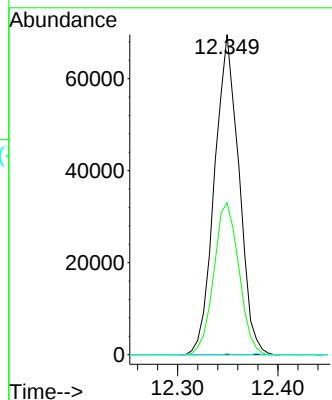
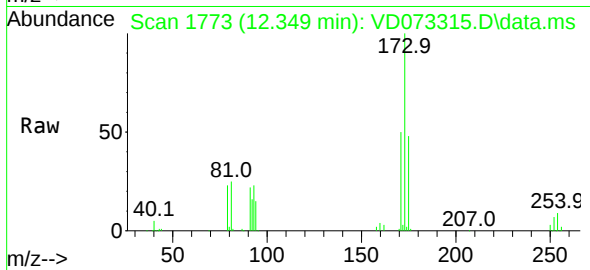
Tgt Ion:173 Resp: 117641

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: VD073315.D

Acq: 24 May 2022 07:41

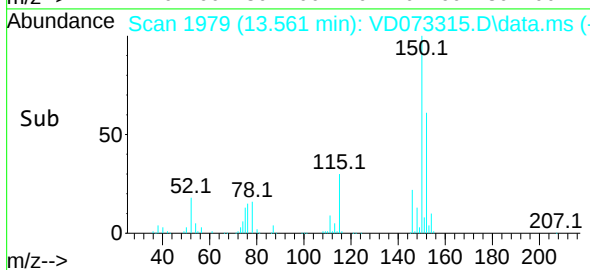
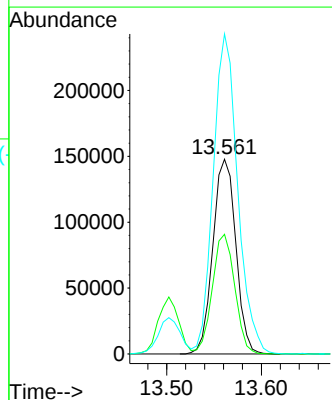
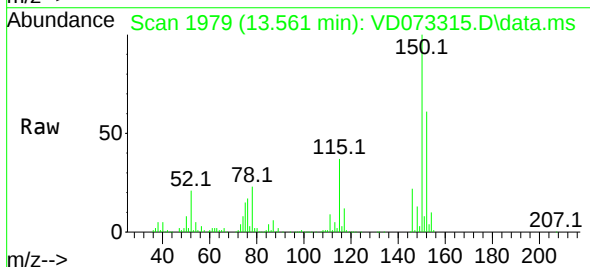
Tgt Ion:152 Resp: 248892

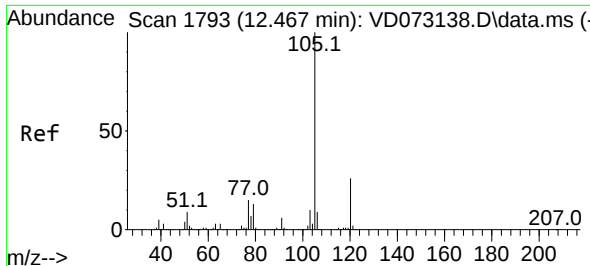
Ion Ratio Lower Upper

152 100

115 60.2 31.3 93.8

150 175.4 0.0 348.6

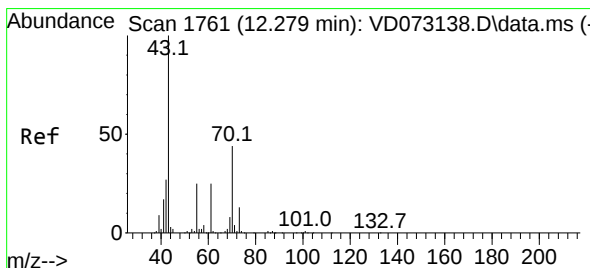
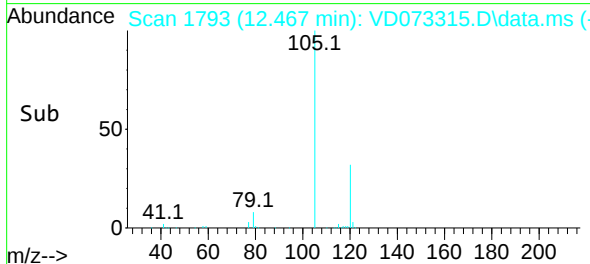
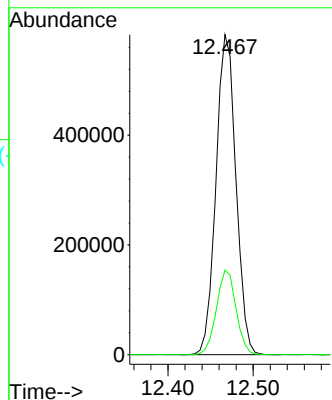
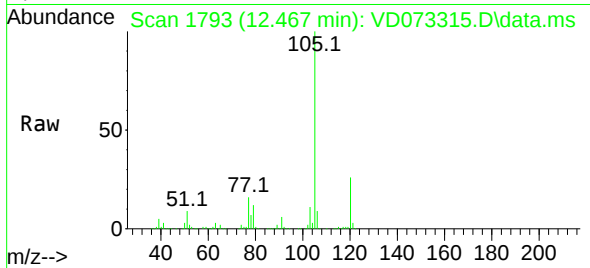




#73
Isopropylbenzene
Concen: 53.365 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

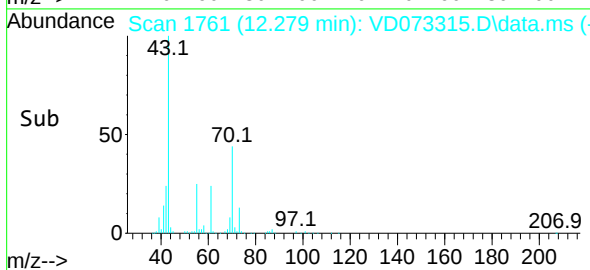
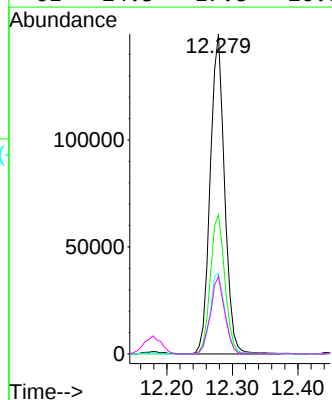
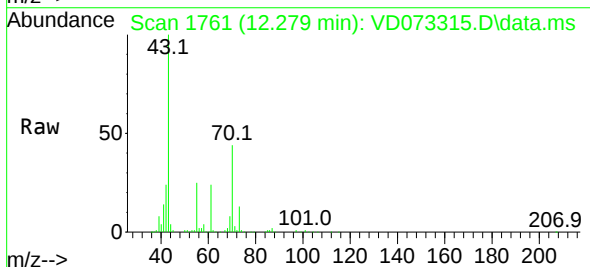
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

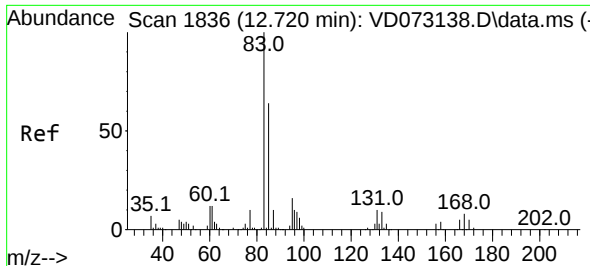
Tgt Ion:105 Resp: 946874
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 58.953 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 43 Resp: 228192
Ion Ratio Lower Upper
43 100
70 44.1 31.3 46.9
55 25.8 20.0 30.0
61 24.3 17.8 26.8

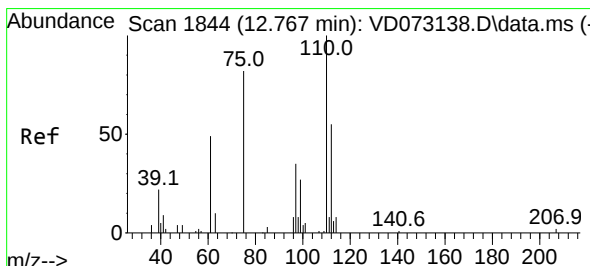
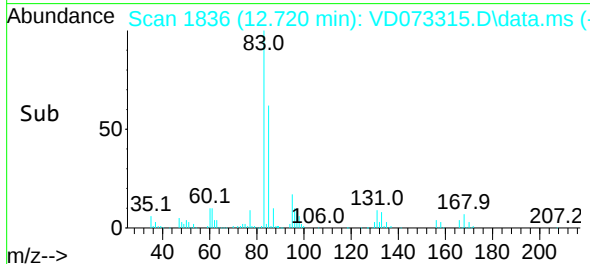
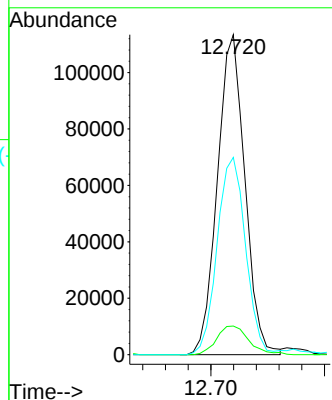
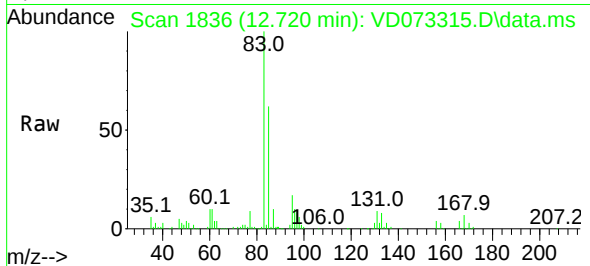




#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.260 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

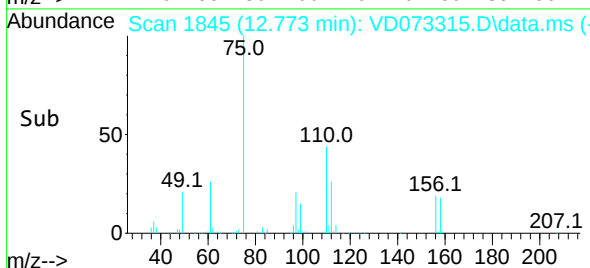
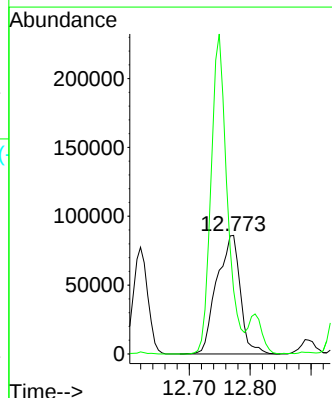
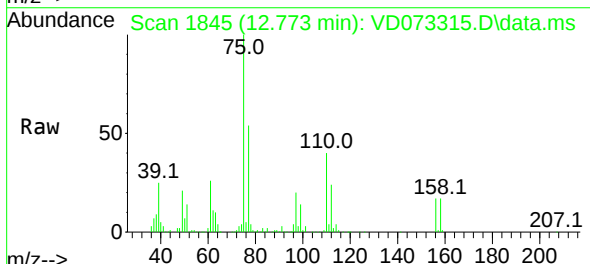
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

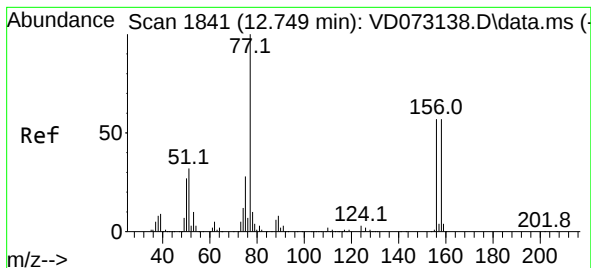
Tgt Ion: 83 Resp: 190650
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 63.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 94.484 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073315.D
 Acq: 24 May 2022 07:41

Tgt Ion: 75 Resp: 230736
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.612 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

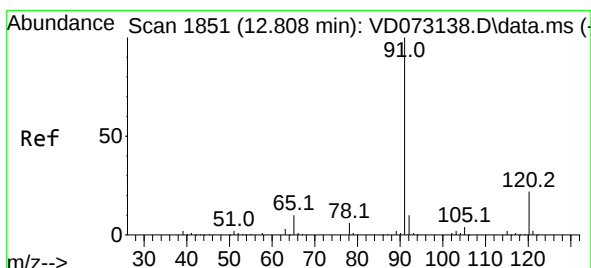
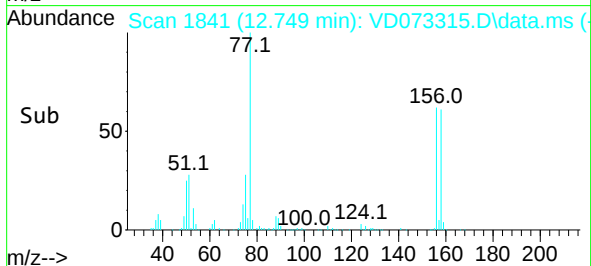
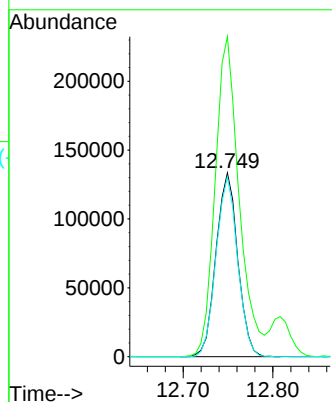
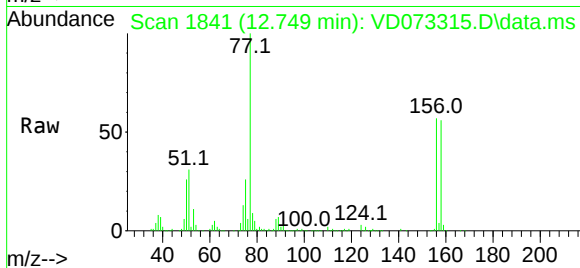
Tgt Ion:156 Resp: 223928

Ion Ratio Lower Upper

156 100

77 192.4 102.8 308.3

158 96.9 48.7 146.1



#78

n-propylbenzene

Concen: 52.290 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073315.D

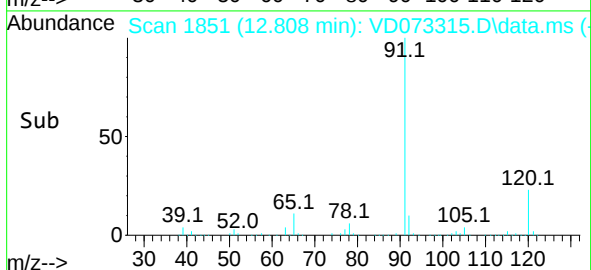
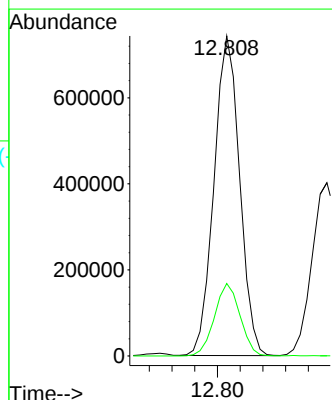
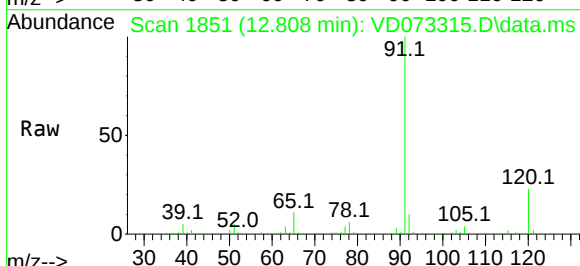
Acq: 24 May 2022 07:41

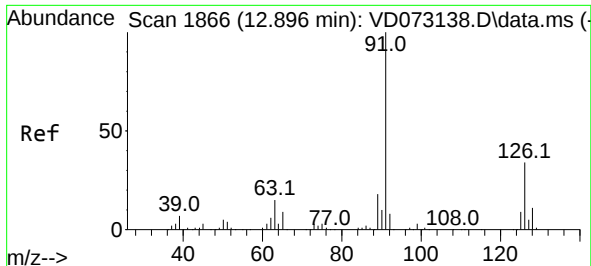
Tgt Ion: 91 Resp: 1164774

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.9

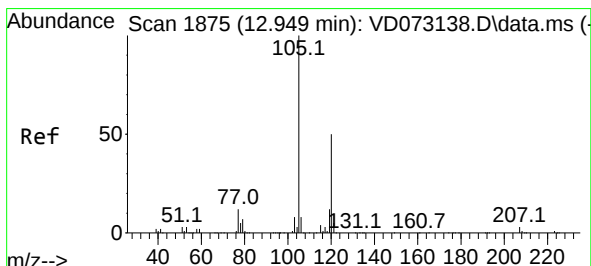
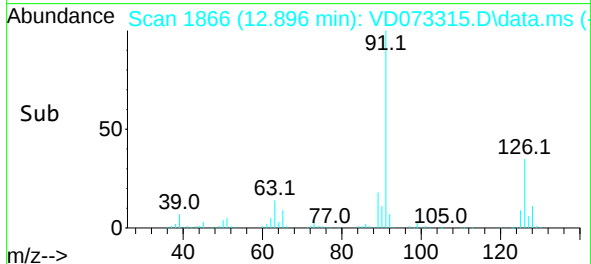
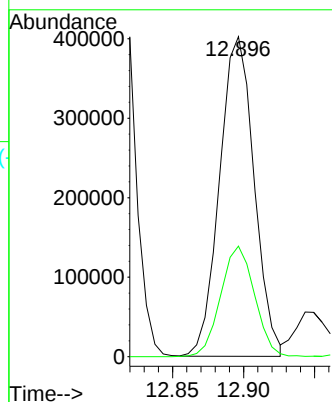
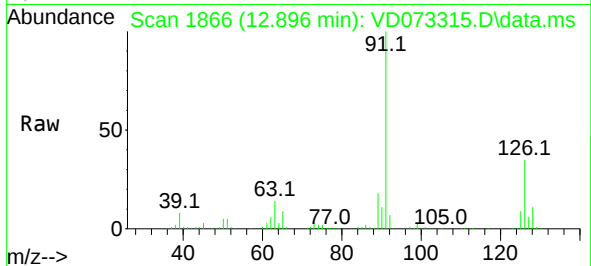




#79
2-Chlorotoluene
Concen: 52.963 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

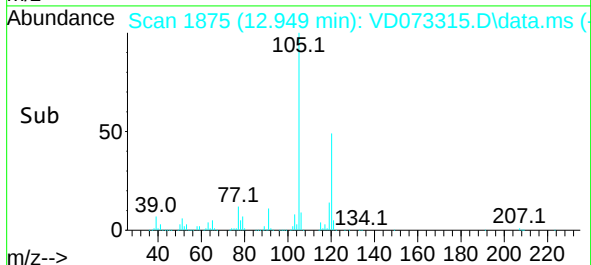
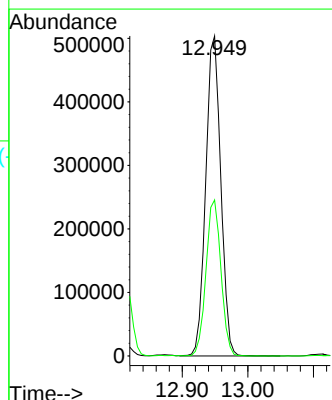
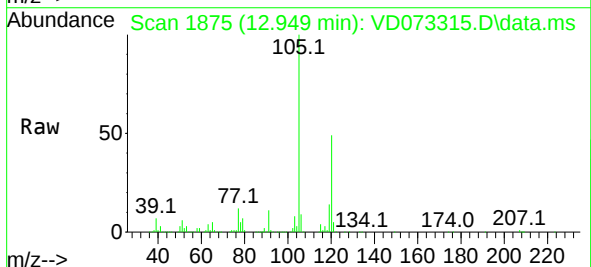
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

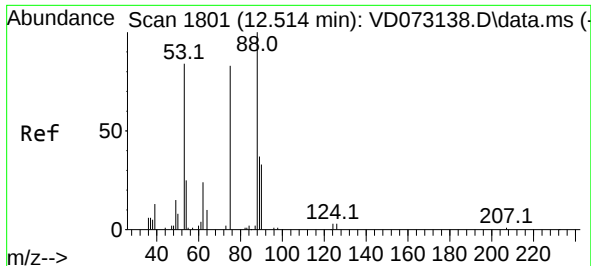
Tgt Ion: 91 Resp: 681182
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.584 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 105 Resp: 805398
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8

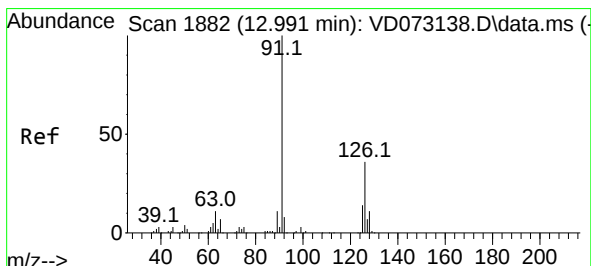
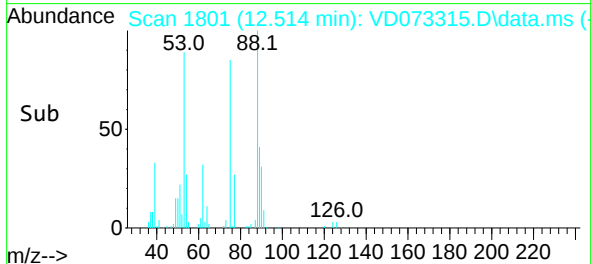
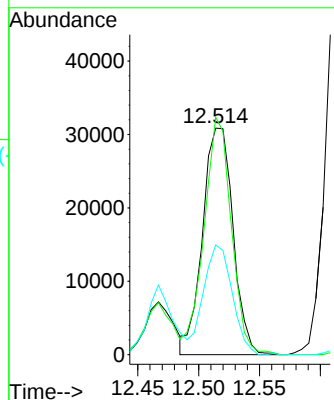
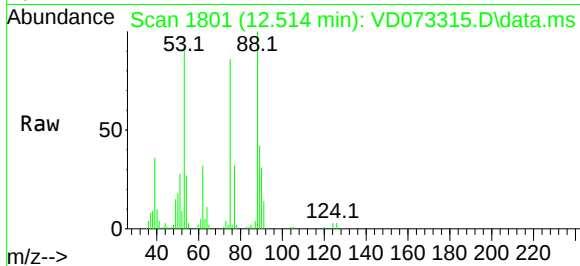




#81
trans-1,4-Dichloro-2-butene
Concen: 52.816 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

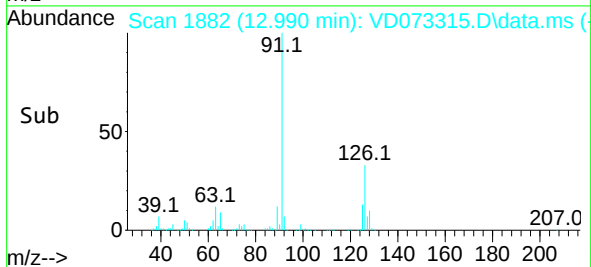
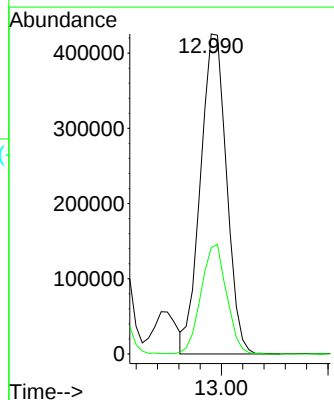
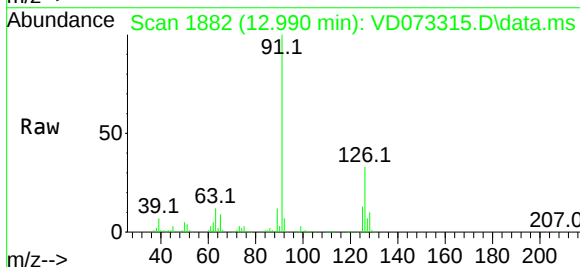
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

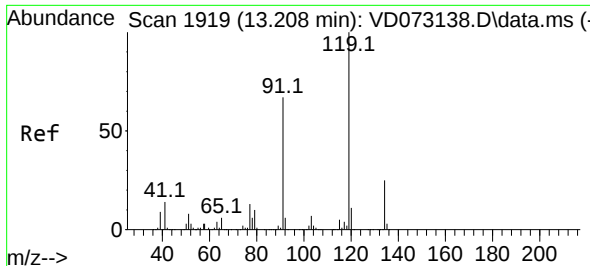
Tgt Ion: 75 Resp: 53726
Ion Ratio Lower Upper
75 100
53 94.6 86.5 129.7
89 45.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 53.681 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 91 Resp: 723675
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

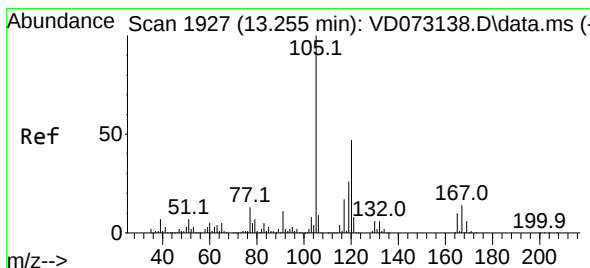
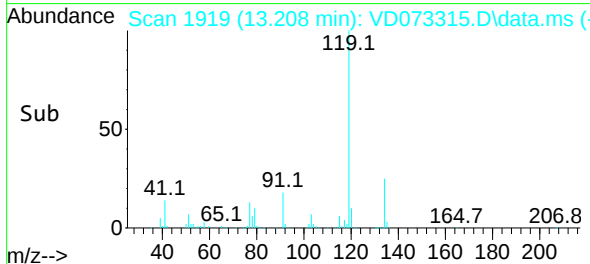
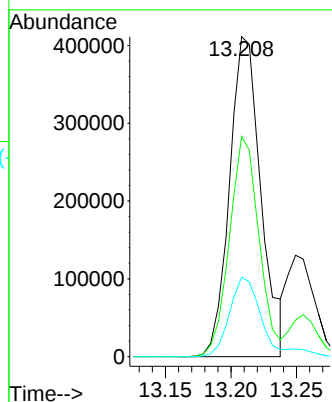
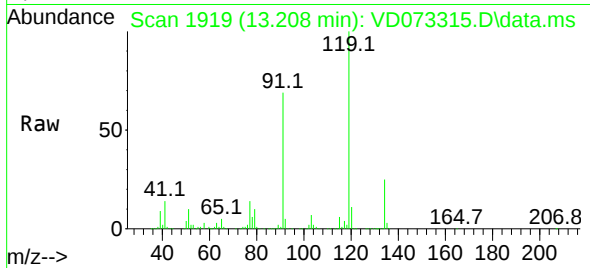




#83
tert-Butylbenzene
Concen: 54.057 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

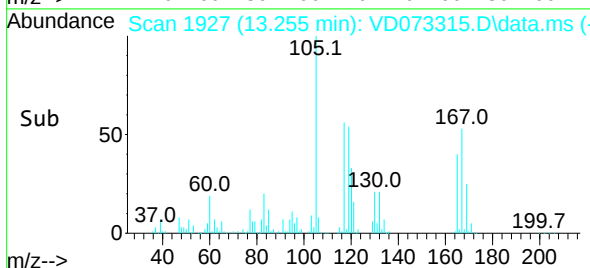
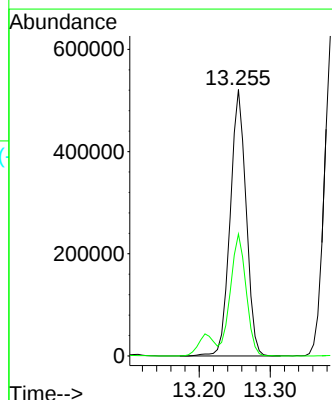
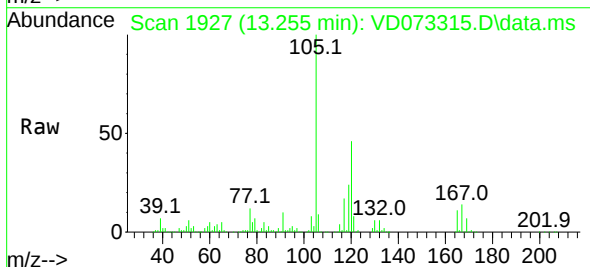
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

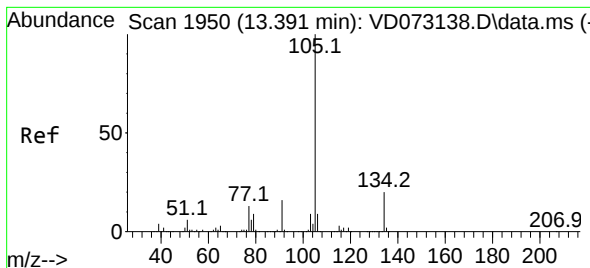
Tgt Ion:119 Resp: 684769
Ion Ratio Lower Upper
119 100
91 64.9 34.8 104.5
134 26.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 54.533 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:105 Resp: 809731
Ion Ratio Lower Upper
105 100
120 45.3 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.721 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

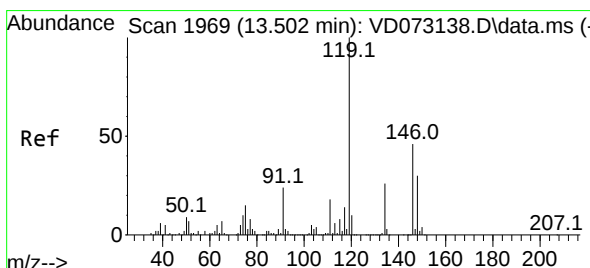
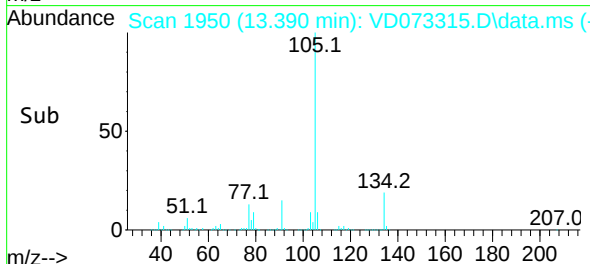
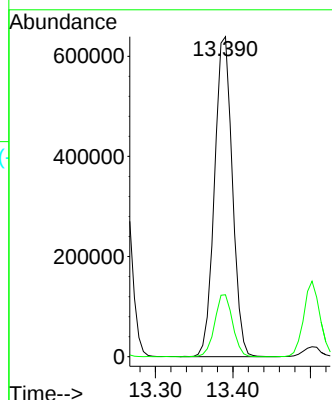
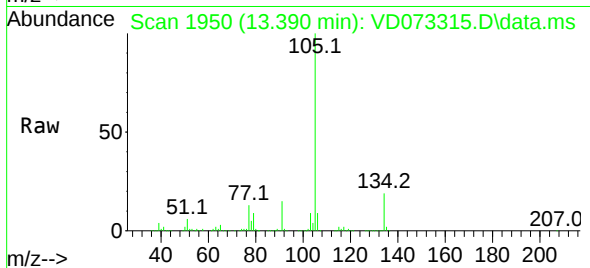
VSTDCCC050EC

Tgt Ion:105 Resp: 1019741

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.380 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

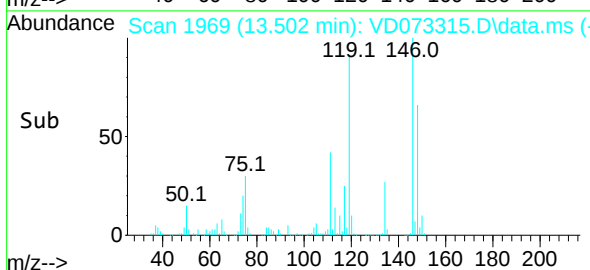
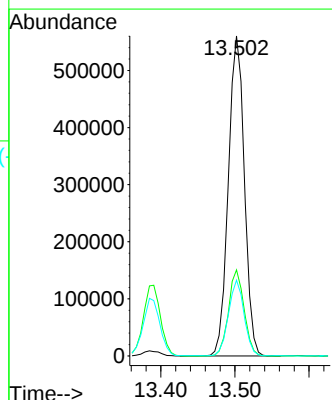
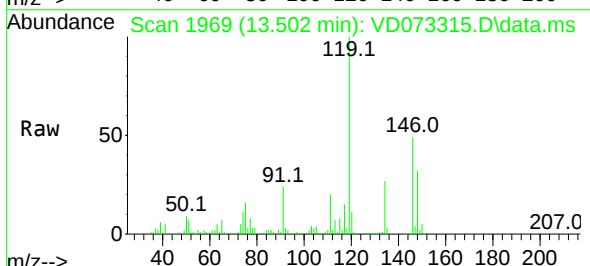
Tgt Ion:119 Resp: 841652

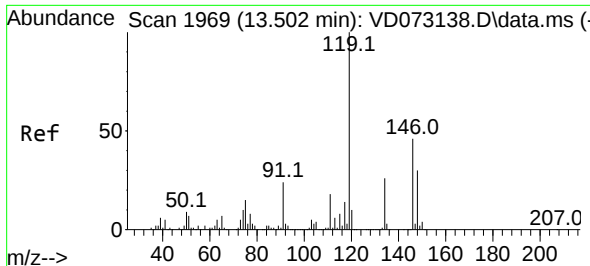
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 23.0 12.1 36.3

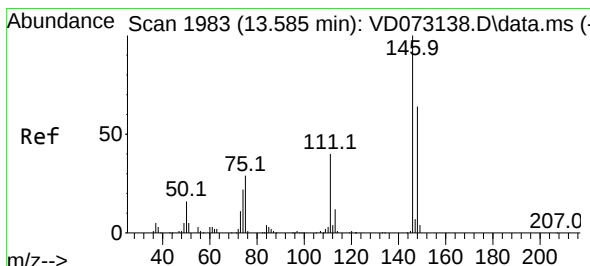
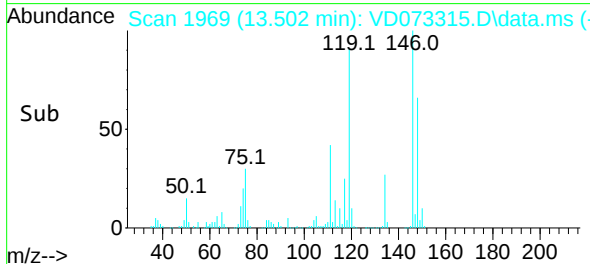
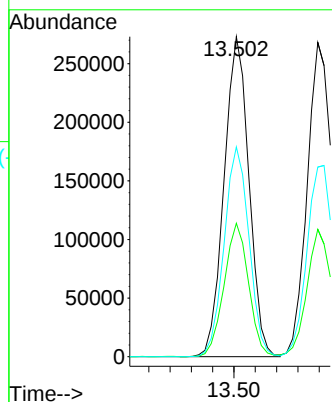
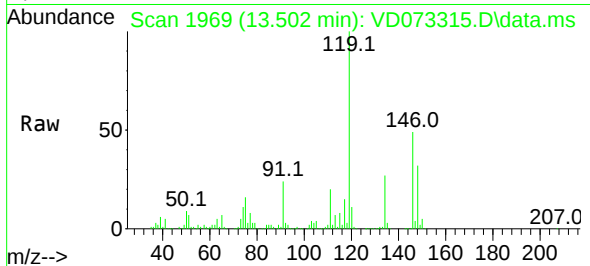




#87
1,3-Dichlorobenzene
Concen: 52.516 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

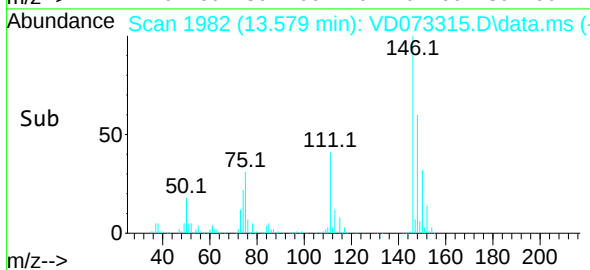
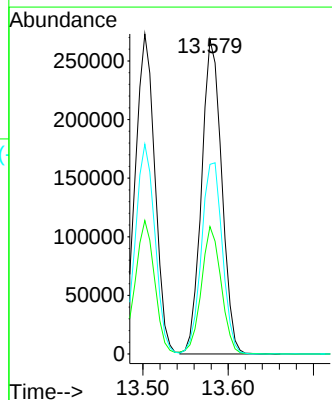
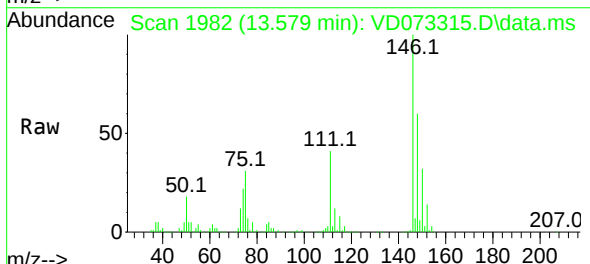
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

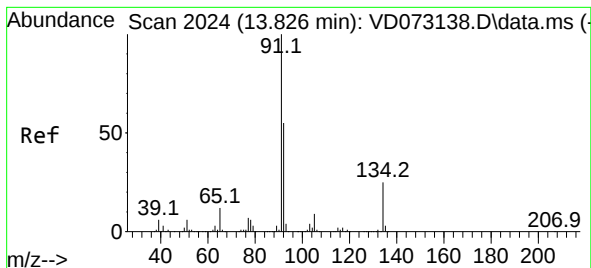
Tgt Ion:146 Resp: 442133
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 65.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 51.936 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion:146 Resp: 441379
Ion Ratio Lower Upper
146 100
111 39.9 20.3 60.9
148 63.5 31.7 95.1





#89

n-Butylbenzene

Concen: 51.759 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

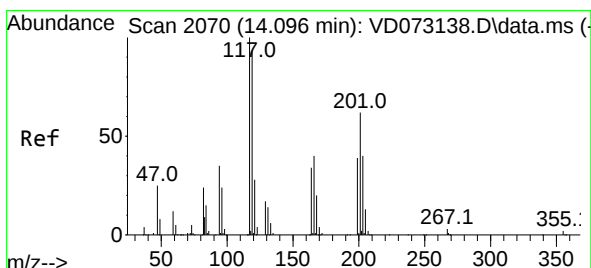
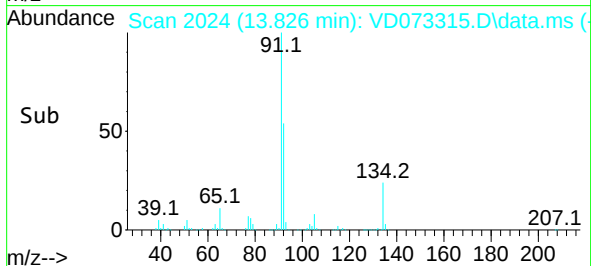
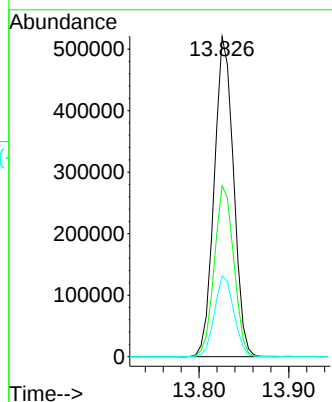
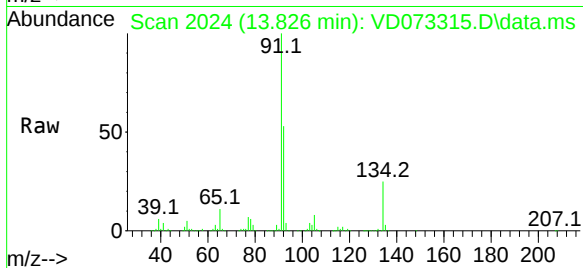
Tgt Ion: 91 Resp: 777579

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.8

134 25.4 12.3 36.9



#90

Hexachloroethane

Concen: 52.246 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073315.D

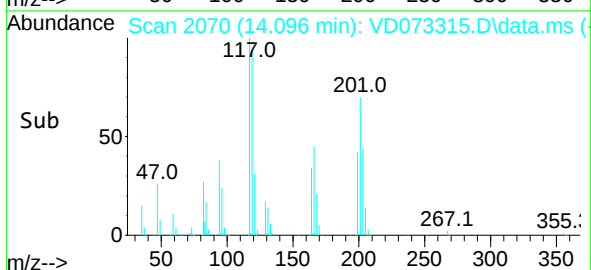
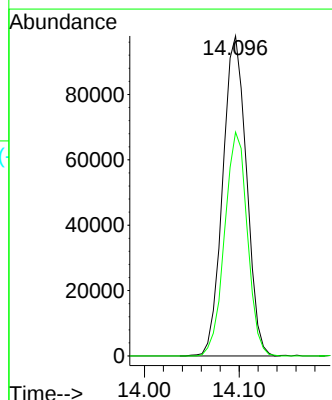
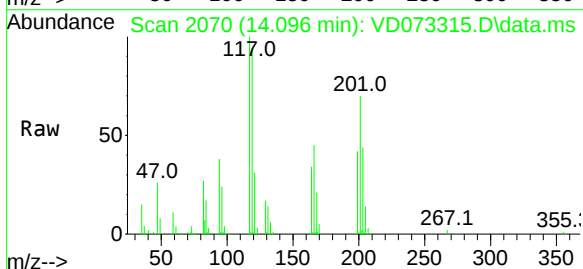
Acq: 24 May 2022 07:41

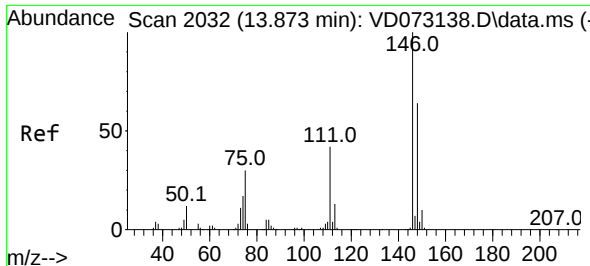
Tgt Ion: 117 Resp: 170452

Ion Ratio Lower Upper

117 100

201 67.0 33.4 100.2

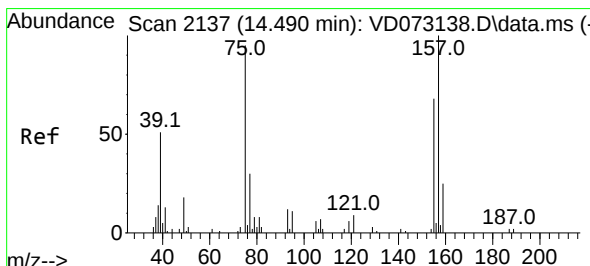
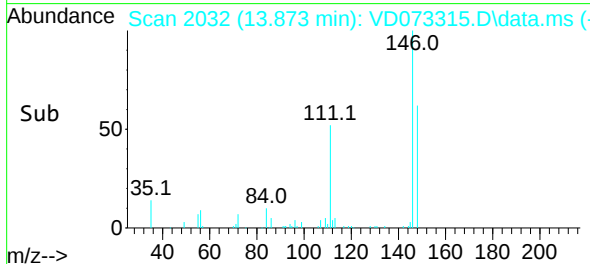
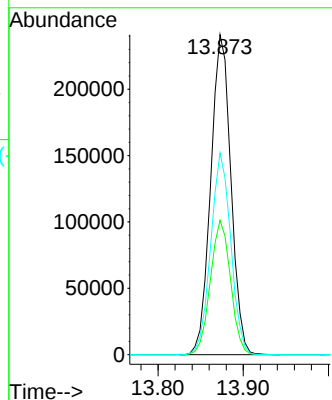
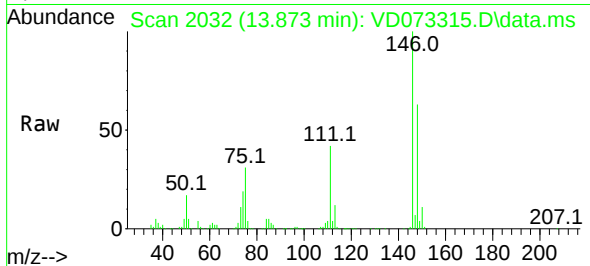




#91
1,2-Dichlorobenzene
Concen: 54.572 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

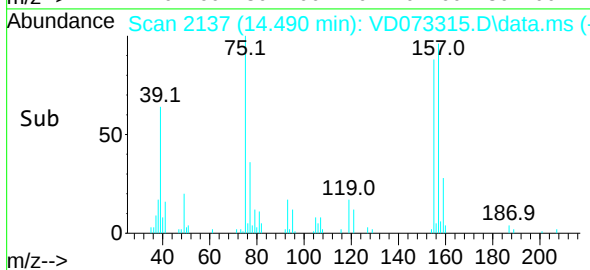
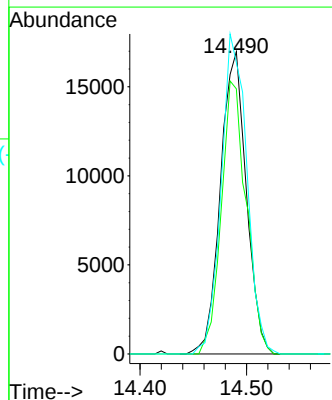
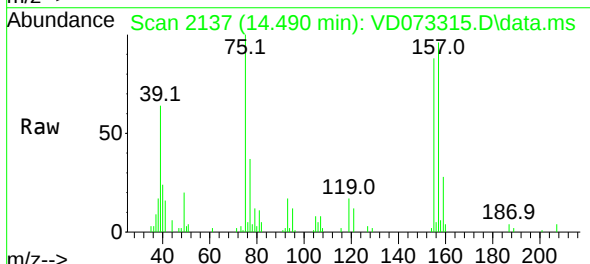
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

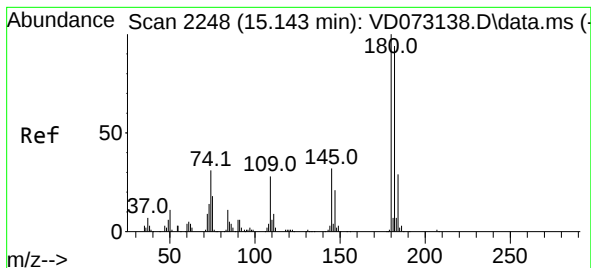
Tgt Ion:146 Resp: 397518
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 62.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.072 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073315.D
Acq: 24 May 2022 07:41

Tgt Ion: 75 Resp: 28601
Ion Ratio Lower Upper
75 100
155 87.2 36.8 110.3
157 104.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 54.751 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073315.D

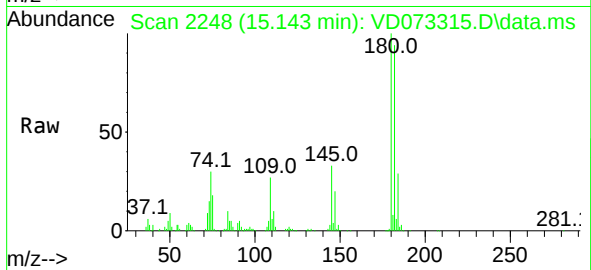
Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



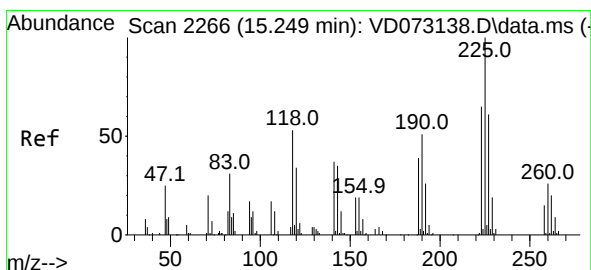
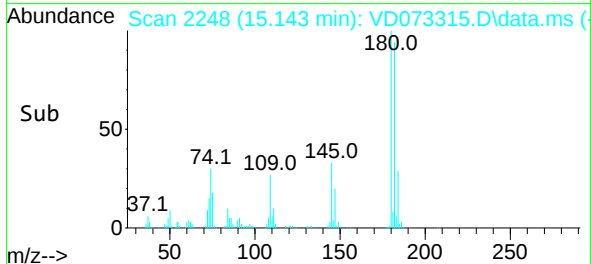
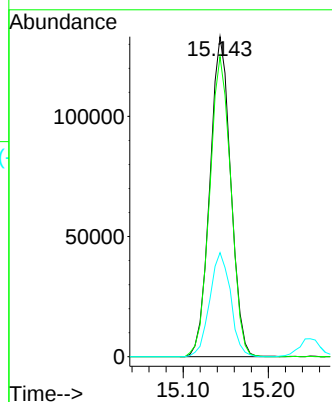
Tgt Ion:180 Resp: 226423

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 32.5 16.2 48.5



#94

Hexachlorobutadiene

Concen: 49.829 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

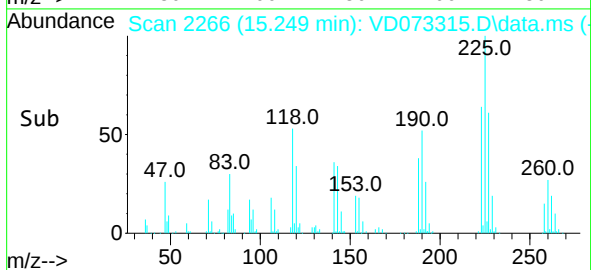
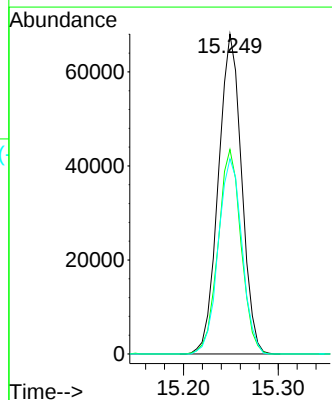
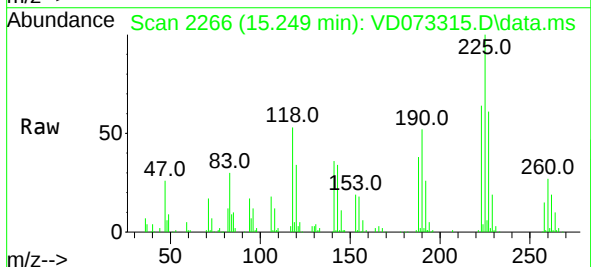
Tgt Ion:225 Resp: 116123

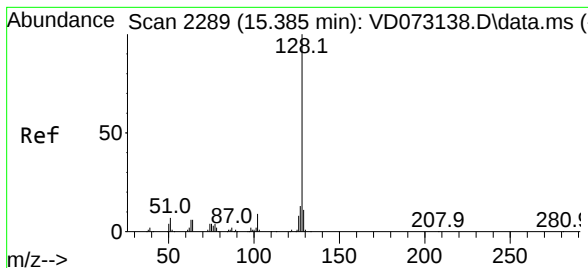
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

227 62.2 32.4 97.0





#95

Naphthalene

Concen: 55.648 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

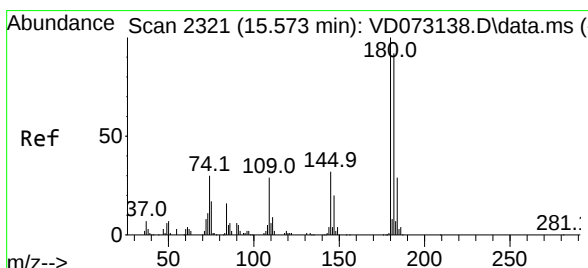
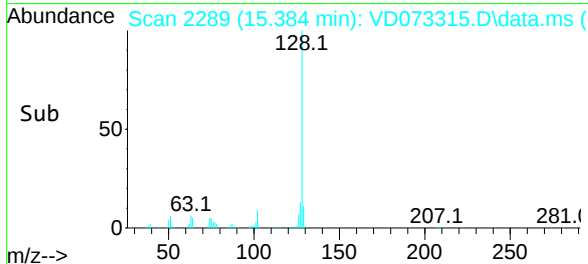
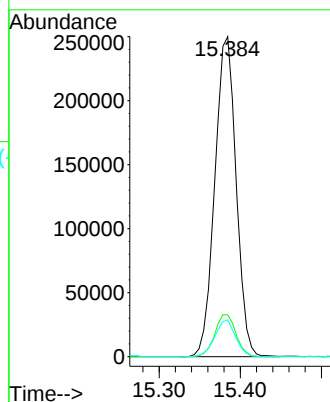
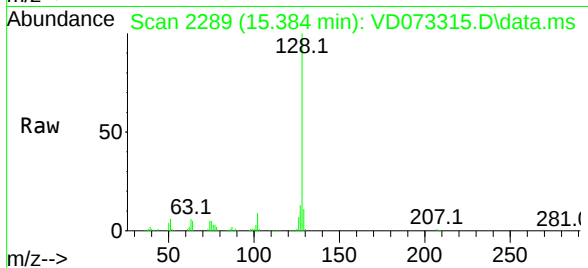
Tgt Ion:128 Resp: 456748

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 55.675 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073315.D

Acq: 24 May 2022 07:41

Tgt Ion:180 Resp: 204120

Ion Ratio Lower Upper

180 100

182 97.1 47.6 142.9

145 34.2 17.1 51.3

