

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071781.D
 Acq On : 24 Jan 2022 17:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 3.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 25 04:12:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	276173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	482404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	471469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	237660	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	198140	55.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.520%	
35) Dibromofluoromethane	7.914	113	173512	54.425	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.860%	
50) Toluene-d8	10.338	98	630145	52.802	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.600%	
62) 4-Bromofluorobenzene	12.626	95	231457	55.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.080%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.991	85	81336	38.740	ug/l 98
3) Chloromethane	2.214	50	122204	44.420	ug/l 97
4) Vinyl Chloride	2.350	62	139097	40.508	ug/l 100
5) Bromomethane	2.773	94	97131	42.236	ug/l 99
6) Chloroethane	2.926	64	105382	43.065	ug/l 94
7) Trichlorofluoromethane	3.279	101	208273	42.786	ug/l 99
8) Diethyl Ether	3.708	74	64514	50.391	ug/l 99
9) 1,1,2-Trichlorotrifluo...	4.097	101	122580	43.084	ug/l 99
10) Methyl Iodide	4.303	142	106406	39.115	ug/l 99
11) Tert butyl alcohol	5.214	59	63289	386.705	ug/l # 88
12) 1,1-Dichloroethene	4.073	96	102443	41.493	ug/l 97
13) Acrolein	3.920	56	98651	284.429	ug/l 98
14) Allyl chloride	4.720	41	223588	45.672	ug/l 99
15) Acrylonitrile	5.426	53	186745	276.010	ug/l 98
16) Acetone	4.161	43	190711	232.453	ug/l 96
17) Carbon Disulfide	4.408	76	234396	37.938	ug/l 100
18) Methyl Acetate	4.714	43	128563	54.608	ug/l 100
19) Methyl tert-butyl Ether	5.473	73	341303	52.370	ug/l 100
20) Methylene Chloride	4.967	84	144528	47.513	ug/l 98
21) trans-1,2-Dichloroethene	5.467	96	123159	43.682	ug/l 95
22) Diisopropyl ether	6.361	45	552021	52.367	ug/l 97
23) Vinyl Acetate	6.302	43	1393741	283.317	ug/l 99
24) 1,1-Dichloroethane	6.261	63	287652	47.806	ug/l 98
25) 2-Butanone	7.208	43	267229	275.682	ug/l 95
26) 2,2-Dichloropropane	7.208	77	239096	47.321	ug/l 100
27) cis-1,2-Dichloroethene	7.208	96	158798	47.718	ug/l 99
28) Bromochloromethane	7.549	49	160945	54.908	ug/l 97
29) Tetrahydrofuran	7.561	42	159198	285.487	ug/l 99
30) Chloroform	7.708	83	304428	49.477	ug/l 99
31) Cyclohexane	7.979	56	202864	41.297	ug/l 92
32) 1,1,1-Trichloroethane	7.902	97	251939	46.457	ug/l 100
36) 1,1-Dichloropropene	8.108	75	195673	43.027	ug/l 99
37) Ethyl Acetate	7.291	43	112286	53.199	ug/l 96
38) Carbon Tetrachloride	8.097	117	212665	46.177	ug/l 94
39) Methylcyclohexane	9.349	83	196064	39.914	ug/l 96
40) Benzene	8.349	78	573967	45.807	ug/l 99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	57448	44.279	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	204889	48.306	ug/l	98
43) Isopropyl Acetate	8.449	43	218315	54.948	ug/l	99
44) Trichloroethene	9.108	130	137209	42.551	ug/l	96
45) 1,2-Dichloropropane	9.385	63	163472	48.262	ug/l	99
46) Dibromomethane	9.473	93	89568	51.662	ug/l	99
47) Bromodichloromethane	9.655	83	244309	51.326	ug/l	97
48) Methyl methacrylate	9.449	41	109560	54.568	ug/l	94
49) 1,4-Dioxane	9.455	88	19876	1143.507	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	606285	288.892	ug/l	99
52) Toluene	10.396	92	386975	49.064	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	217562	52.105	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	245316	49.828	ug/l	98
55) 1,1,2-Trichloroethane	10.790	97	123195	54.204	ug/l	95
56) Ethyl methacrylate	10.655	69	159548	57.269	ug/l	95
57) 1,3-Dichloropropane	10.938	76	219634	52.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	433473	281.852	ug/l	100
59) 2-Hexanone	10.979	43	419310	286.061	ug/l	99
60) Dibromochloromethane	11.132	129	152974	52.877	ug/l	99
61) 1,2-Dibromoethane	11.238	107	112133	51.567	ug/l	99
64) Tetrachloroethene	10.873	164	114997	41.523	ug/l	96
65) Chlorobenzene	11.661	112	404023	44.782	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.737	131	158340	46.286	ug/l	99
67) Ethyl Benzene	11.737	91	750074	45.286	ug/l	100
68) m/p-Xylenes	11.849	106	561702	91.183	ug/l	99
69) o-Xylene	12.173	106	266936	45.782	ug/l	100
70) Styrene	12.190	104	480329	48.062	ug/l	99
71) Bromoform	12.355	173	89924	53.835	ug/l #	97
73) Isopropylbenzene	12.473	105	727494	42.596	ug/l	99
74) N-amyl acetate	12.279	43	207468	49.522	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	145895	48.207	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	193254	84.153	ug/l #	100
77) Bromobenzene	12.755	156	161874	43.878	ug/l	96
78) n-propylbenzene	12.814	91	914543	42.577	ug/l	100
79) 2-Chlorotoluene	12.902	91	521075	43.042	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	616457	43.199	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	43035	52.244	ug/l	94
82) 4-Chlorotoluene	12.996	91	542596	43.201	ug/l	99
83) tert-Butylbenzene	13.214	119	521911	42.802	ug/l	99
84) 1,2,4-Trimethylbenzene	13.261	105	623837	44.206	ug/l	99
85) sec-Butylbenzene	13.390	105	798861	42.774	ug/l	100
86) p-Isopropyltoluene	13.508	119	665354	43.391	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	338516	44.463	ug/l	99
88) 1,4-Dichlorobenzene	13.584	146	332193	42.769	ug/l	99
89) n-Butylbenzene	13.831	91	652726	42.506	ug/l	99
90) Hexachloroethane	14.102	117	132010	43.514	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	296435	45.431	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24046	49.434	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	177013	47.073	ug/l	99
94) Hexachlorobutadiene	15.255	225	91944	41.708	ug/l	99
95) Naphthalene	15.384	128	340515	51.145	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	154111	48.096	ug/l	98

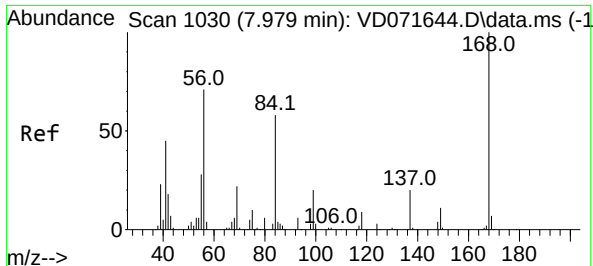
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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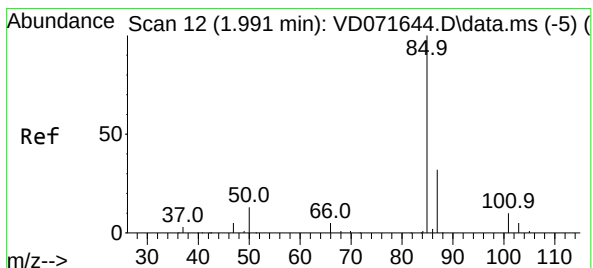
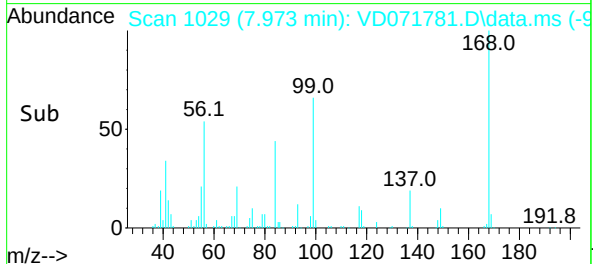
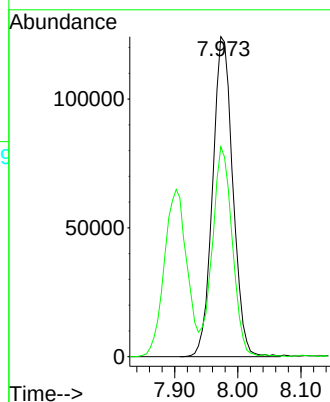
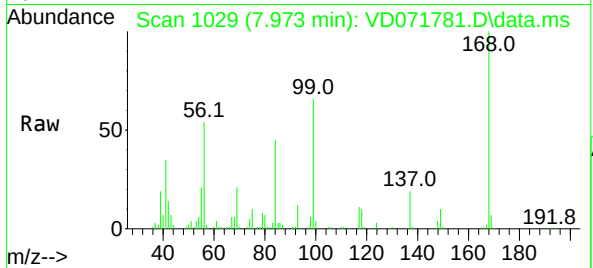
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

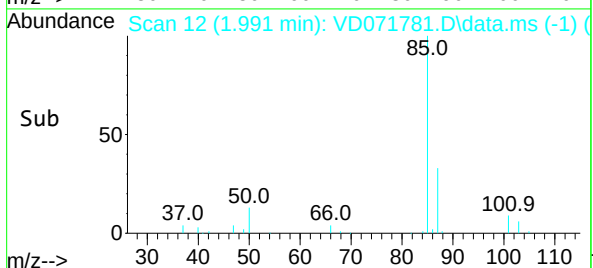
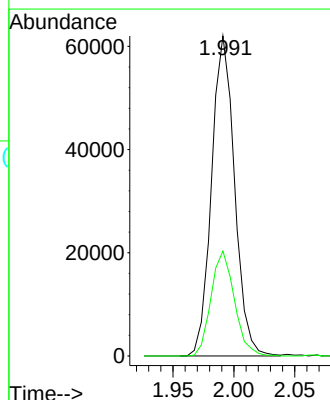
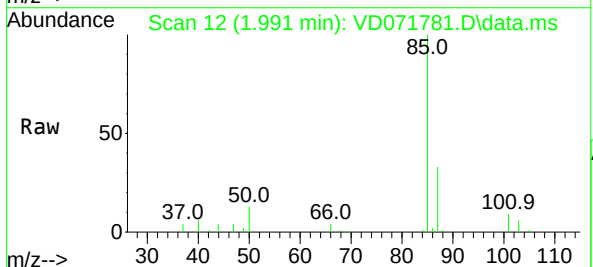
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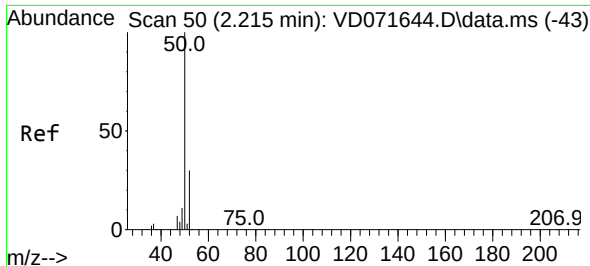
Tgt Ion:168 Resp: 276173
Ion Ratio Lower Upper
168 100
99 65.4 51.8 77.6



#2
Dichlorodifluoromethane
Concen: 38.740 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 85 Resp: 81336
Ion Ratio Lower Upper
85 100
87 32.8 15.9 47.6

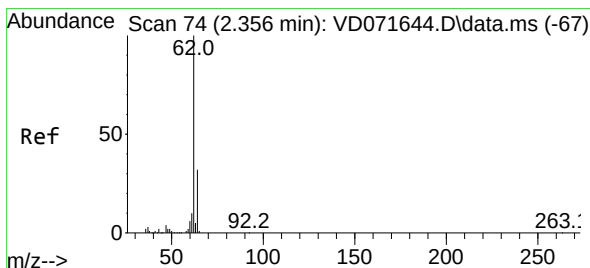
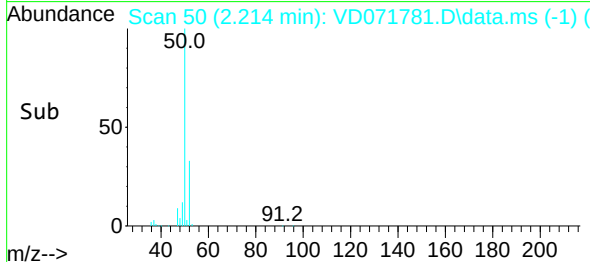
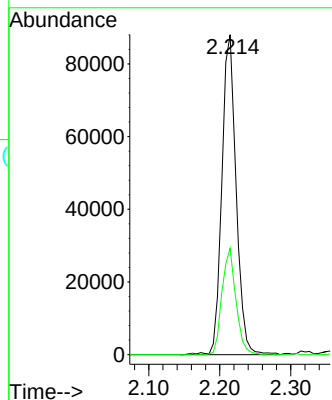
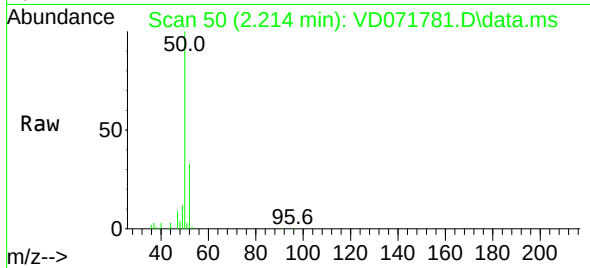




#3
Chloromethane
Concen: 44.420 ug/l
RT: 2.214 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

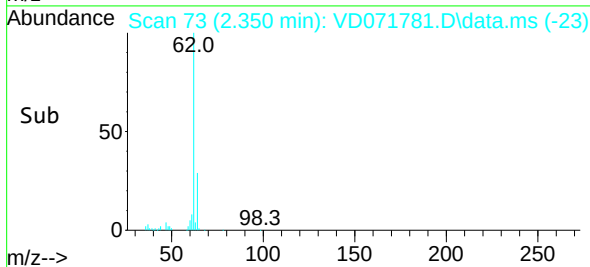
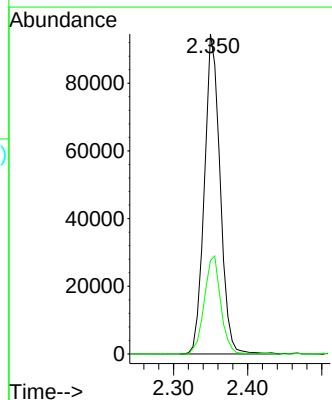
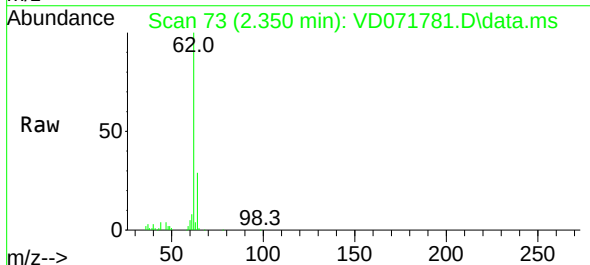
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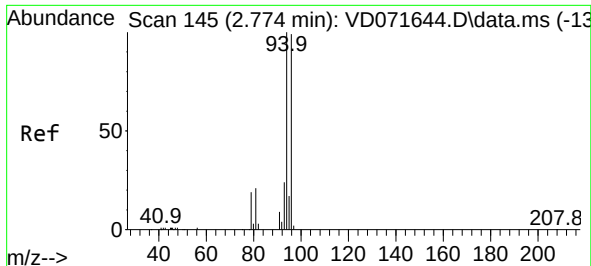
Tgt Ion: 50 Resp: 122204
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0



#4
Vinyl Chloride
Concen: 40.508 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 62 Resp: 139097
Ion Ratio Lower Upper
62 100
64 29.2 23.2 34.8

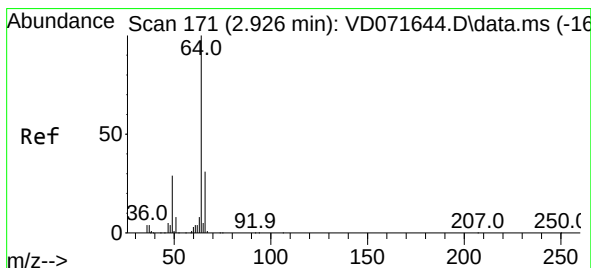
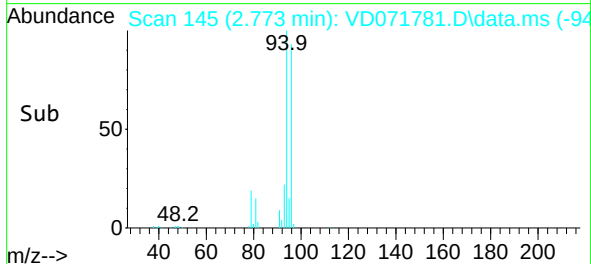
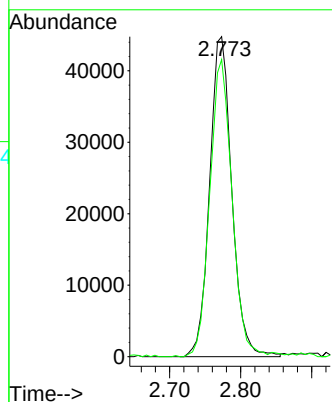
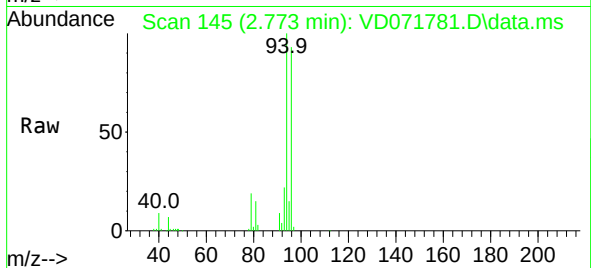




#5
Bromomethane
Concen: 42.236 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

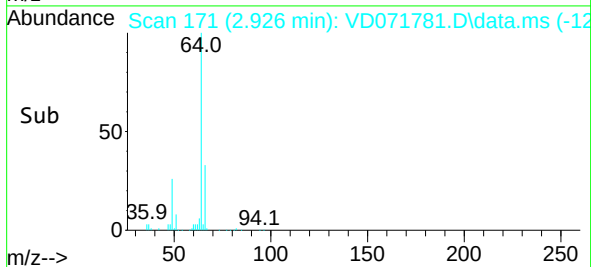
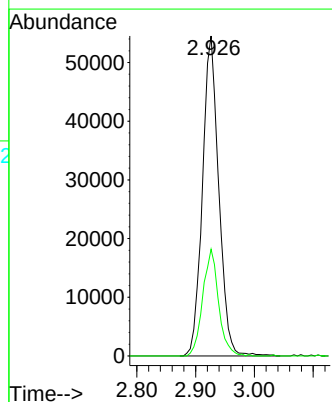
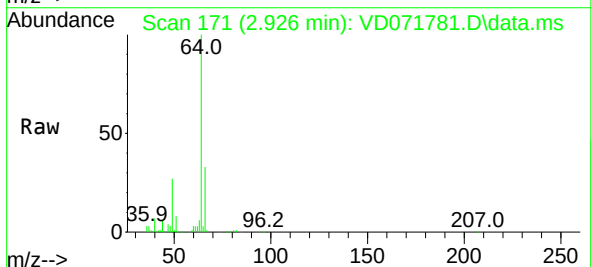
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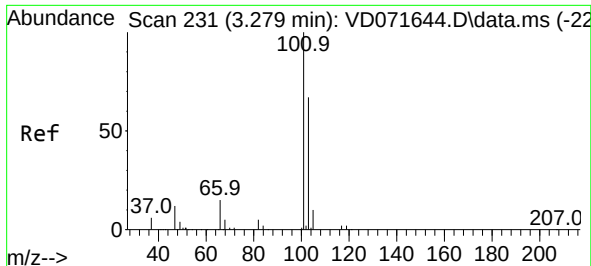
Tgt Ion: 94 Resp: 97131
Ion Ratio Lower Upper
94 100
96 92.9 73.7 110.5



#6
Chloroethane
Concen: 43.065 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 64 Resp: 105382
Ion Ratio Lower Upper
64 100
66 33.3 24.2 36.2

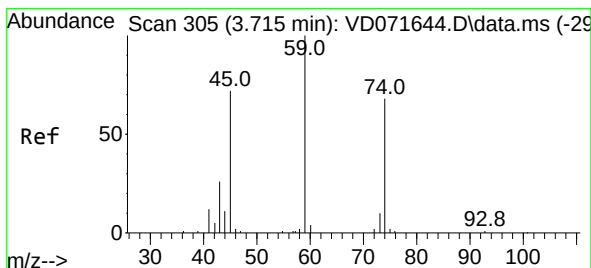
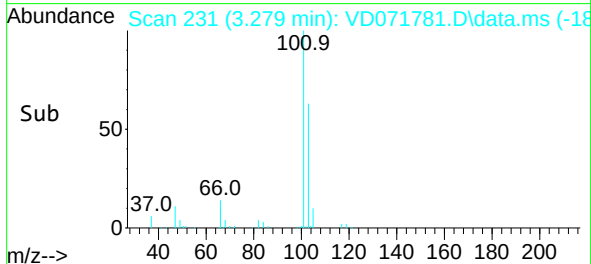
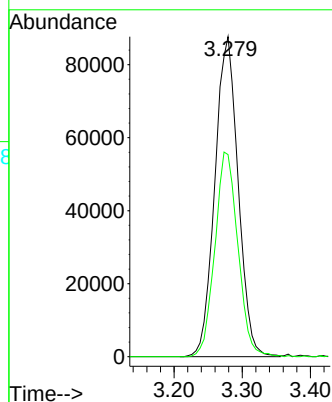
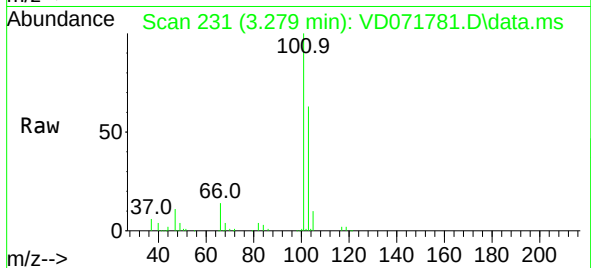




#7
 Trichlorofluoromethane
 Concen: 42.786 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

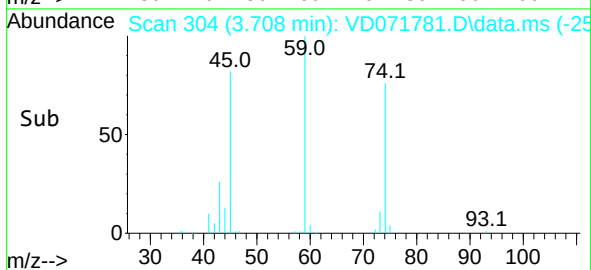
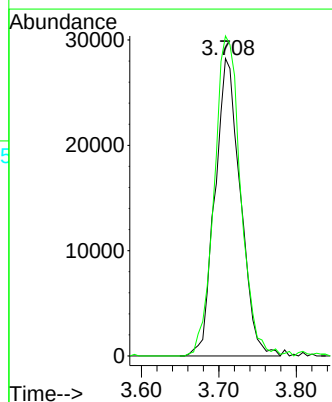
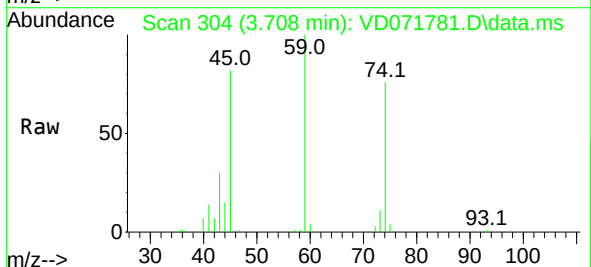
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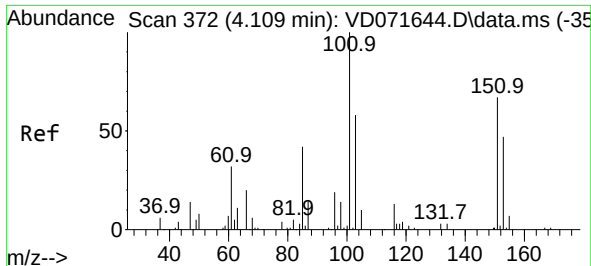
Tgt Ion:101 Resp: 208273
 Ion Ratio Lower Upper
 101 100
 103 63.2 49.8 74.6



#8
 Diethyl Ether
 Concen: 50.391 ug/l
 RT: 3.708 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

Tgt Ion: 74 Resp: 64514
 Ion Ratio Lower Upper
 74 100
 45 112.0 56.5 169.5

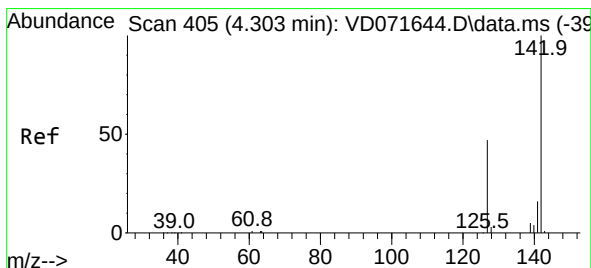
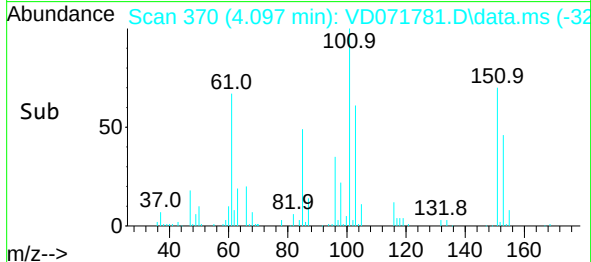
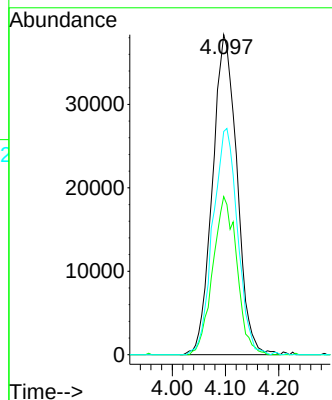
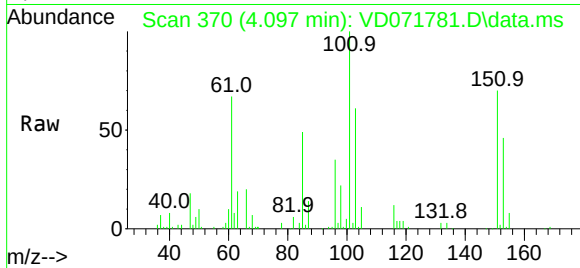




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.084 ug/l
RT: 4.097 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD071781.D
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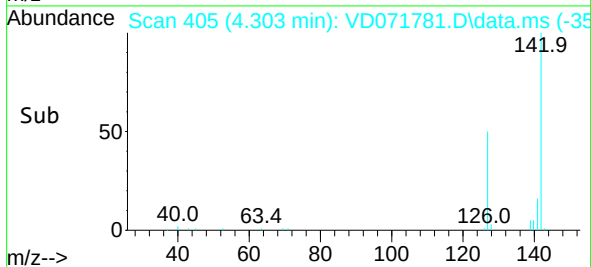
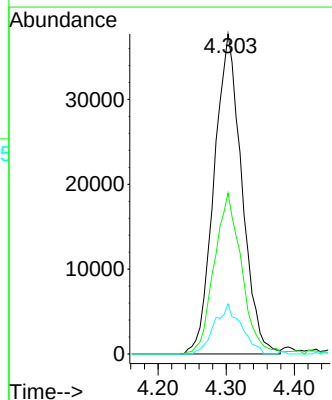
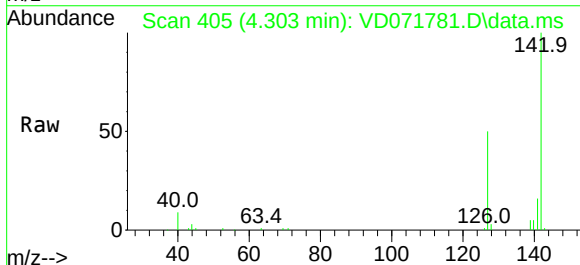
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ClientSampleId :
VSTDCCC050EC

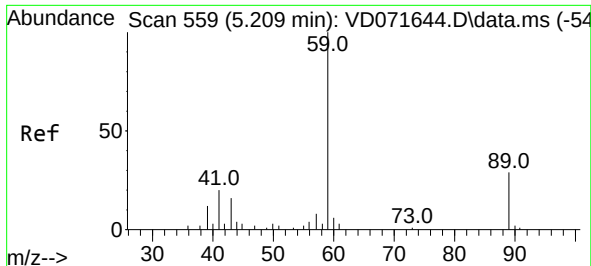
Tgt Ion:101 Resp: 122580
Ion Ratio Lower Upper
101 100
85 48.5 38.7 58.1
151 71.2 56.2 84.2



#10
Methyl Iodide
Concen: 39.115 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion:142 Resp: 106406
Ion Ratio Lower Upper
142 100
127 49.7 39.4 59.2
141 15.2 11.9 17.9

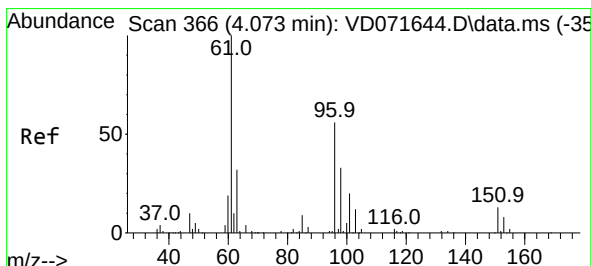
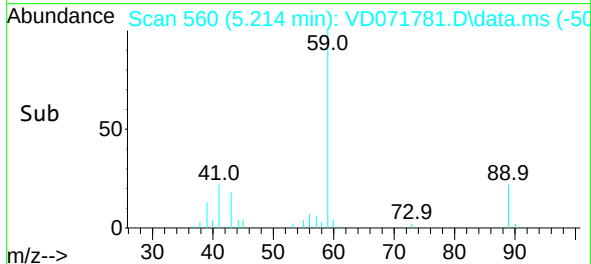
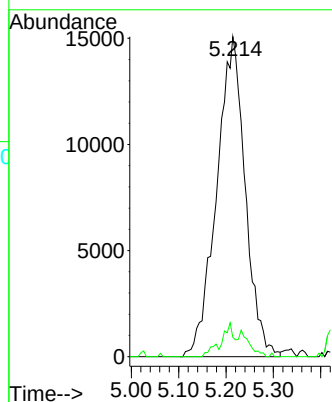
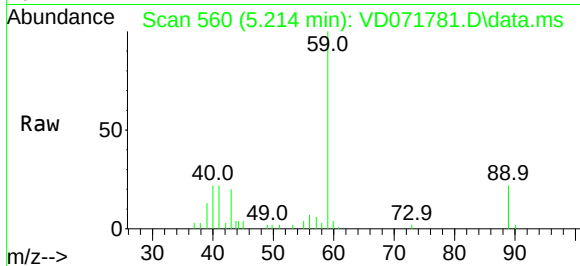




#11
Tert butyl alcohol
Concen: 386.705 ug/l
RT: 5.214 min Scan# 511
Delta R.T. 0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

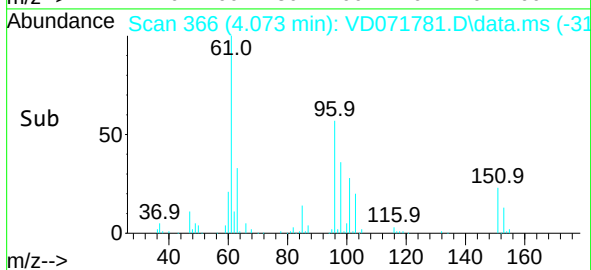
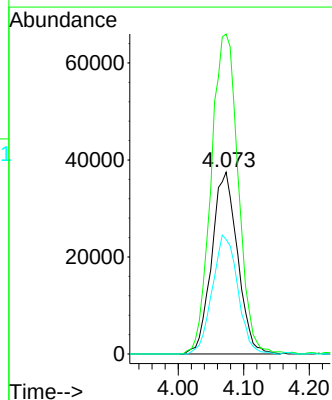
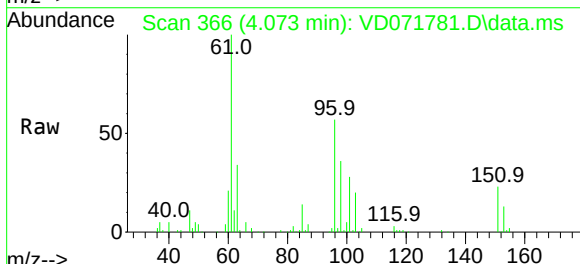
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

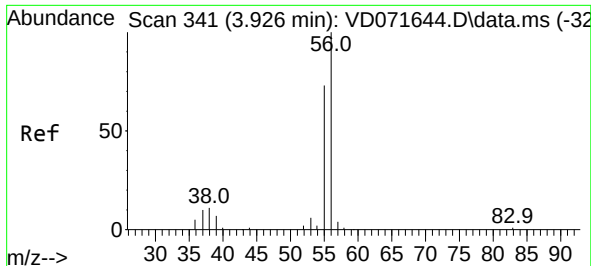
Tgt Ion: 59 Resp: 63289
Ion Ratio Lower Upper
59 100
57 4.7 7.3 10.9#



#12
1,1-Dichloroethene
Concen: 41.493 ug/l
RT: 4.073 min Scan# 366
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 96 Resp: 102443
Ion Ratio Lower Upper
96 100
61 176.1 137.8 206.8
98 63.0 48.3 72.5

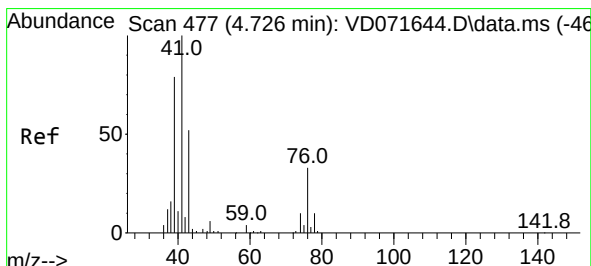
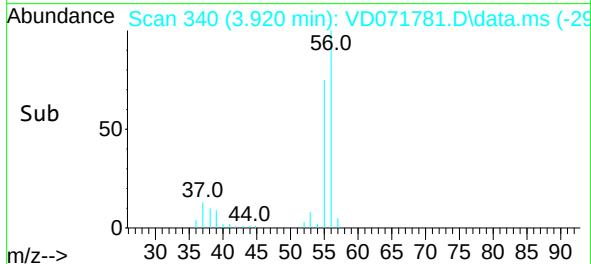
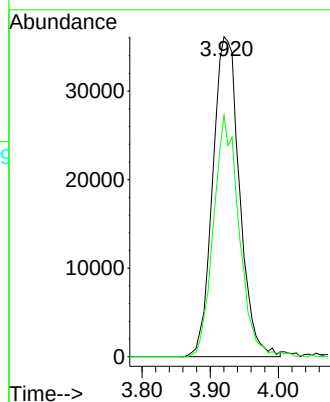
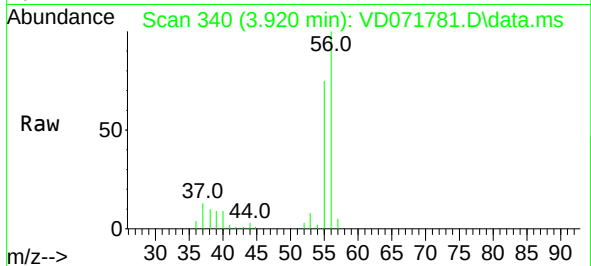




#13
Acrolein
Concen: 284.429 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

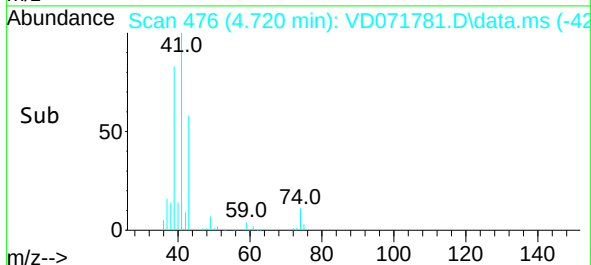
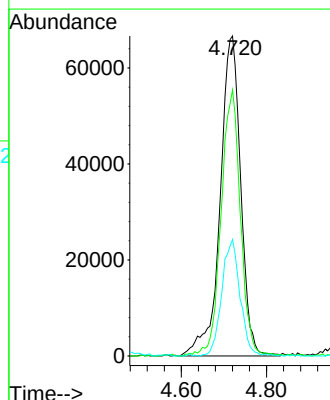
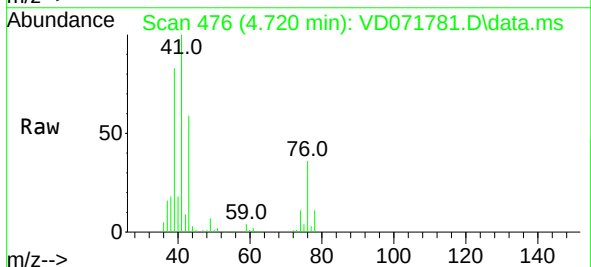
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

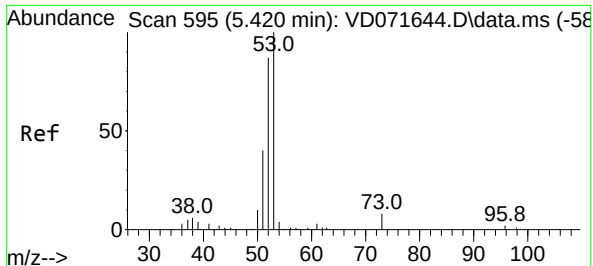
Tgt Ion: 56 Resp: 98651
Ion Ratio Lower Upper
56 100
55 72.4 56.9 85.3



#14
Allyl chloride
Concen: 45.672 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 41 Resp: 223588
Ion Ratio Lower Upper
41 100
39 78.2 63.2 94.8
76 32.1 25.8 38.6

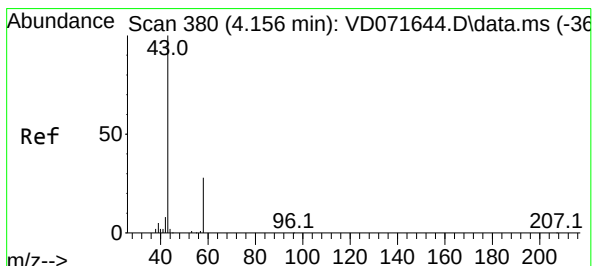
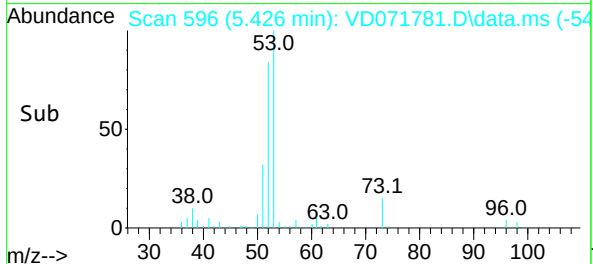
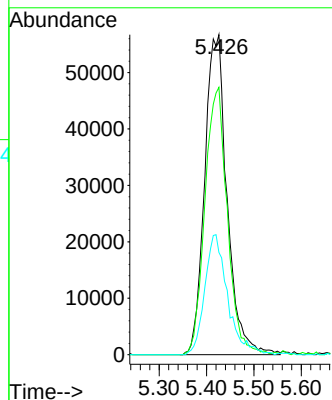
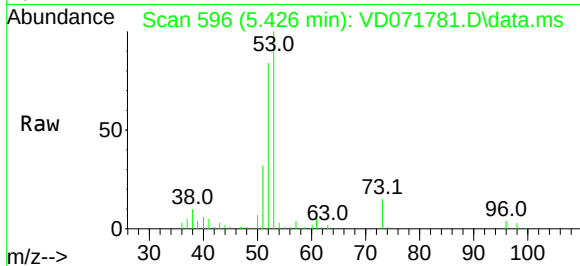




#15
Acrylonitrile
Concen: 276.010 ug/l
RT: 5.426 min Scan# 595
Delta R.T. 0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

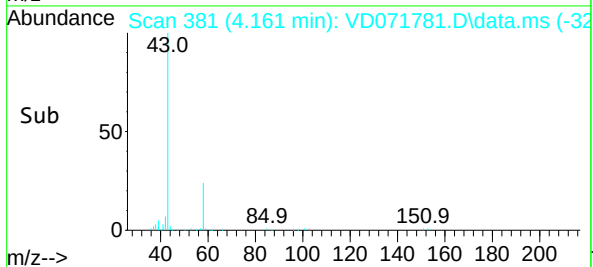
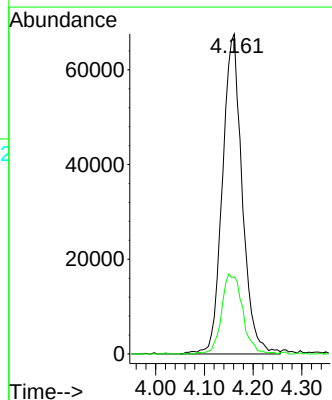
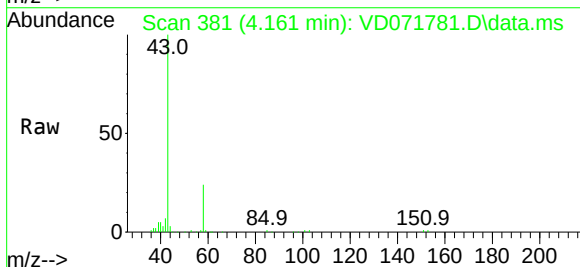
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

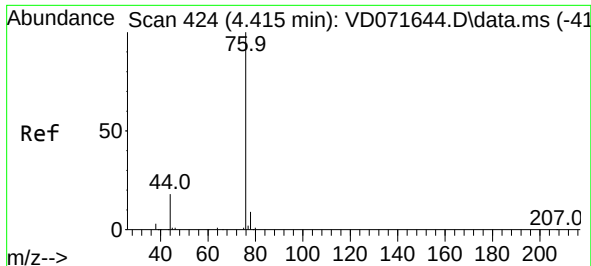
Tgt Ion: 53 Resp: 186745
Ion Ratio Lower Upper
53 100
52 83.5 65.6 98.4
51 38.3 31.2 46.8



#16
Acetone
Concen: 232.453 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 43 Resp: 190711
Ion Ratio Lower Upper
43 100
58 24.1 21.0 31.6

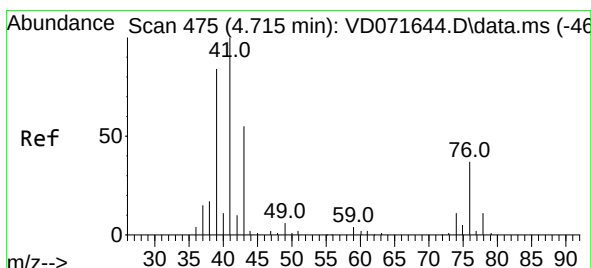
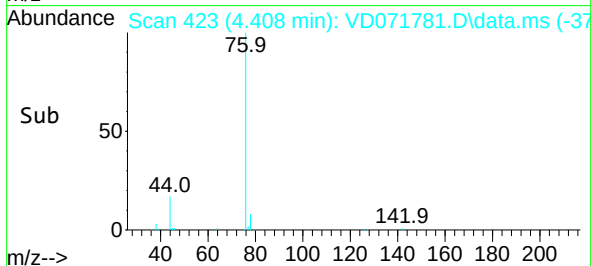
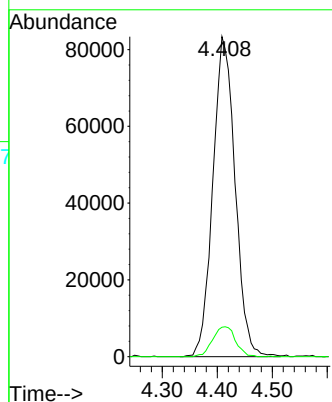
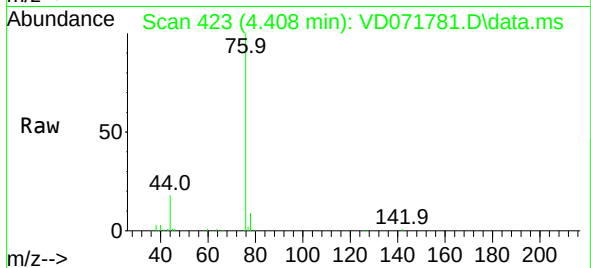




#17
Carbon Disulfide
Concen: 37.938 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

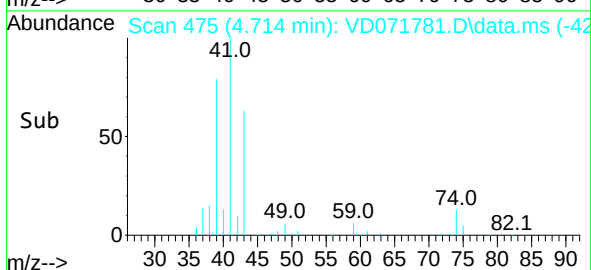
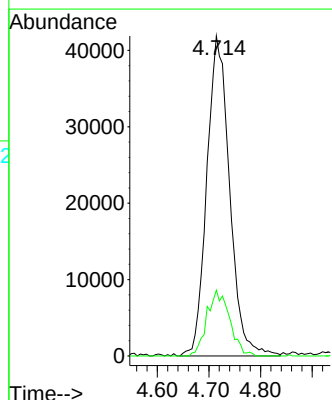
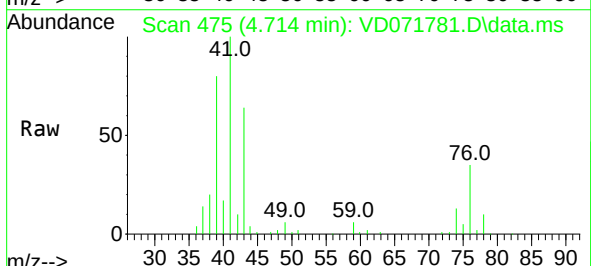
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

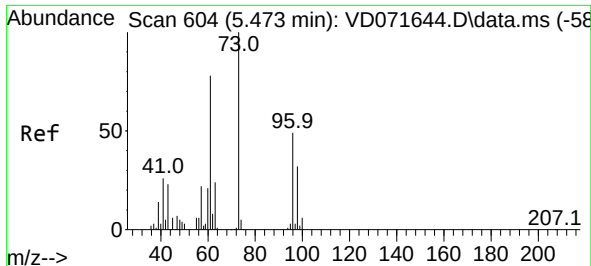
Tgt Ion: 76 Resp: 234396
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 54.608 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 43 Resp: 128563
Ion Ratio Lower Upper
43 100
74 20.4 16.3 24.5

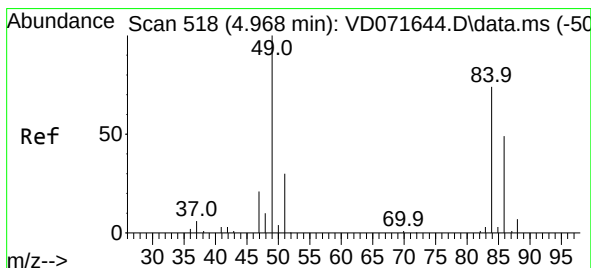
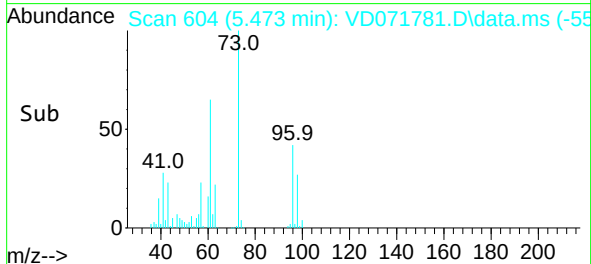
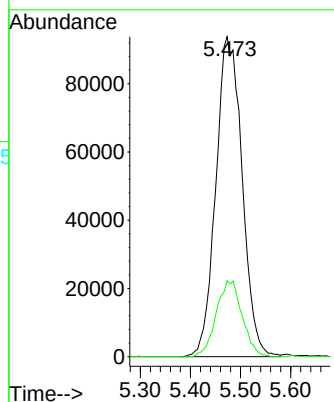
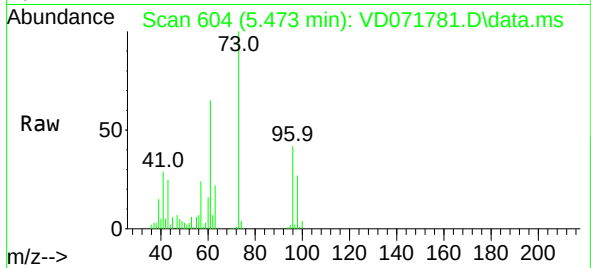




#19
Methyl tert-butyl Ether
Concen: 52.370 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

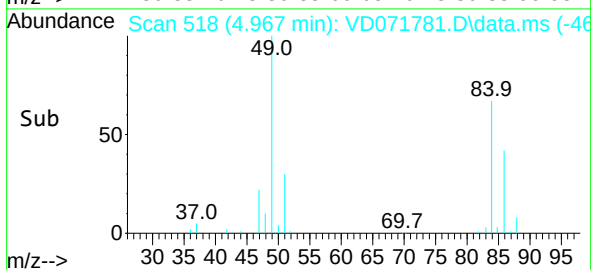
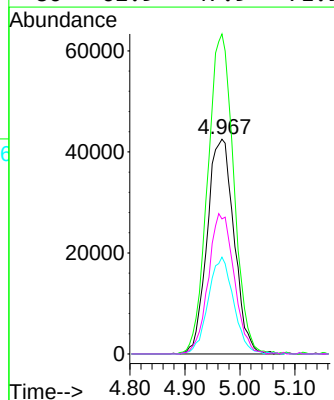
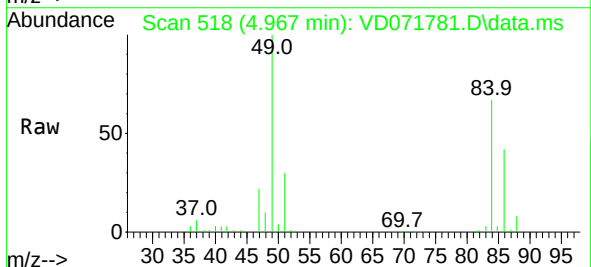
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

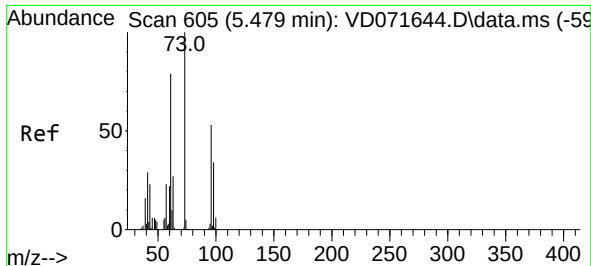
Tgt Ion: 73 Resp: 341303
Ion Ratio Lower Upper
73 100
57 23.8 19.2 28.8



#20
Methylene Chloride
Concen: 47.513 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

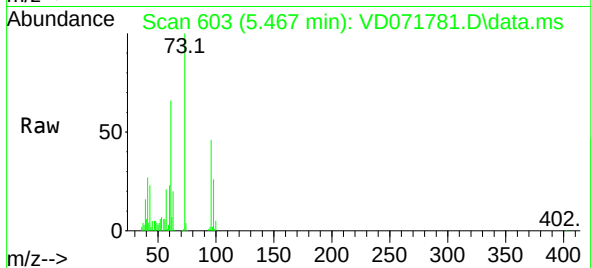
Tgt Ion: 84 Resp: 144528
Ion Ratio Lower Upper
84 100
49 148.5 118.6 178.0
51 45.1 37.8 56.6
86 62.9 47.9 71.9





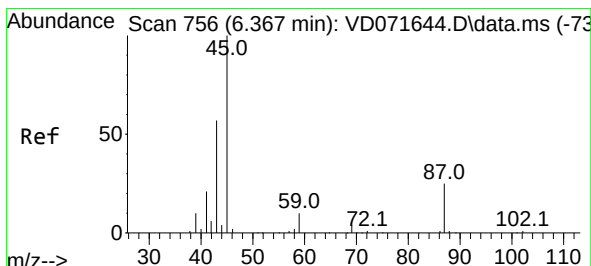
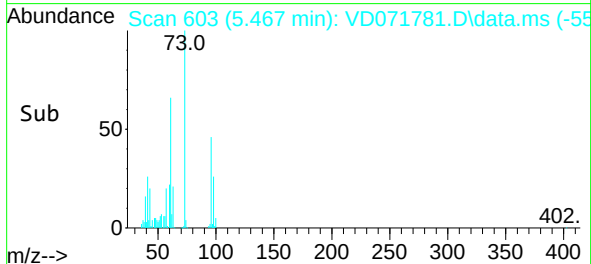
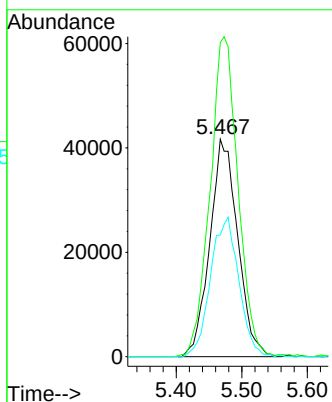
#21
trans-1,2-Dichloroethene
Concen: 43.682 ug/l
RT: 5.467 min Scan# 605
Delta R.T. -0.012 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 123159

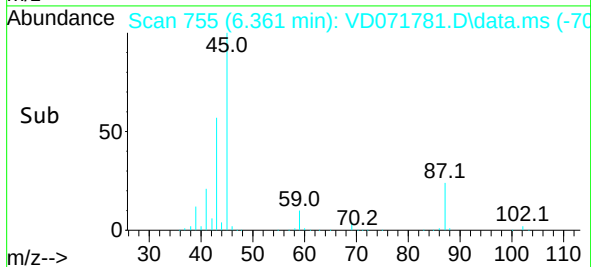
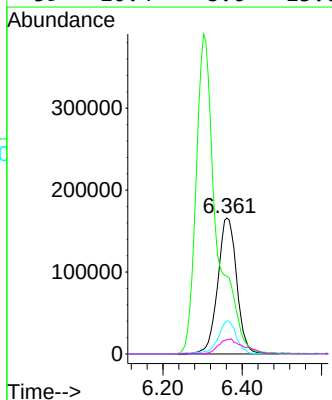
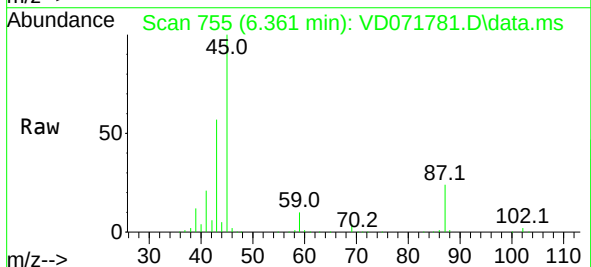
Ion	Ratio	Lower	Upper
96	100		
61	143.9	119.4	179.0
98	56.0	49.3	73.9

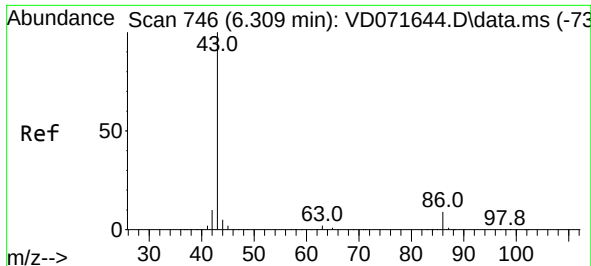


#22
Diisopropyl ether
Concen: 52.367 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 45 Resp: 552021

Ion	Ratio	Lower	Upper
45	100		
43	56.9	43.0	64.6
87	24.3	19.0	28.4
59	10.4	8.6	13.0

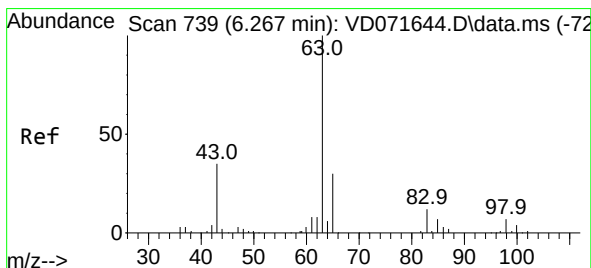
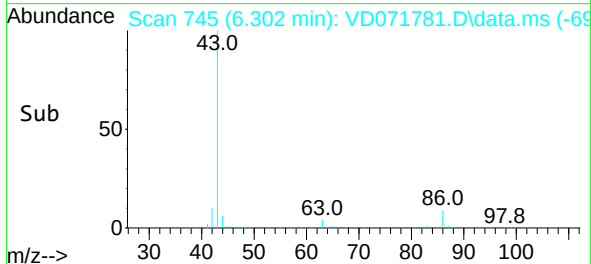
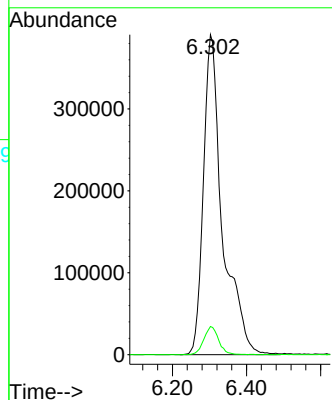
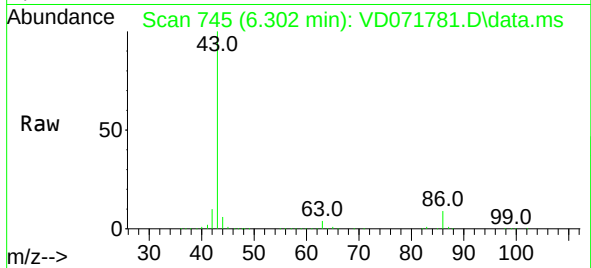




#23
 Vinyl Acetate
 Concen: 283.317 ug/l
 RT: 6.302 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

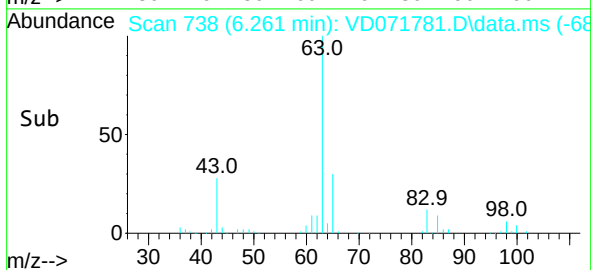
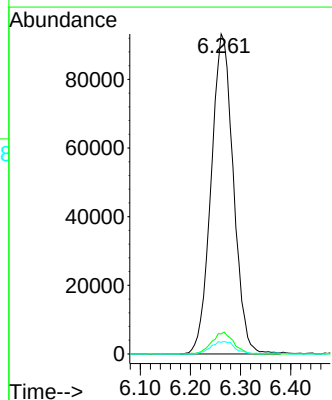
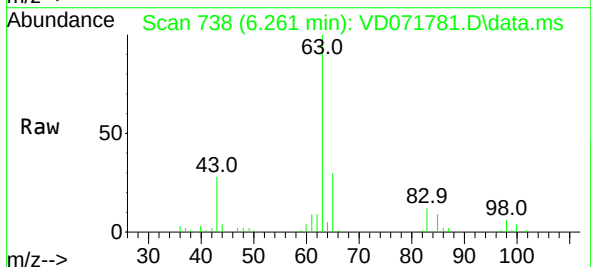
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

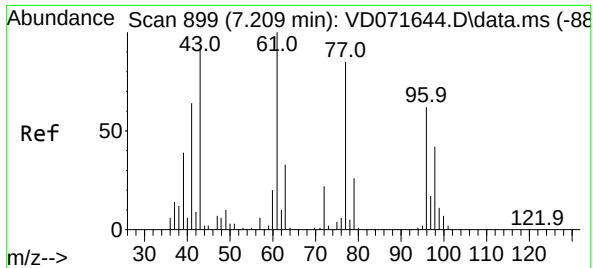
Tgt Ion: 43 Resp: 1393741
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 47.806 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.012 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

Tgt Ion: 63 Resp: 287652
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.4 10.1
 100 3.7 2.5 7.5

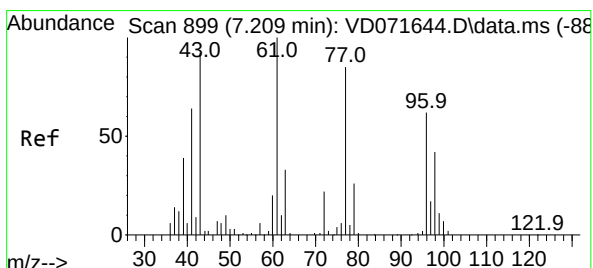
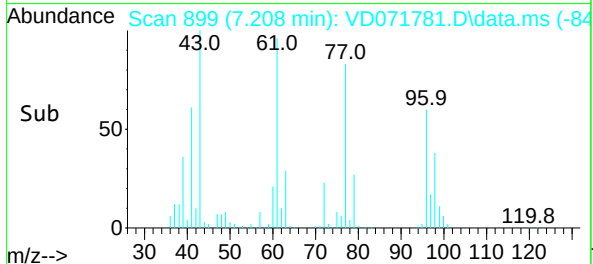
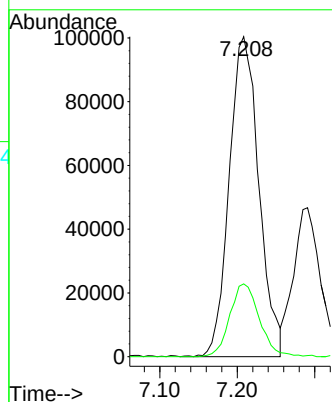
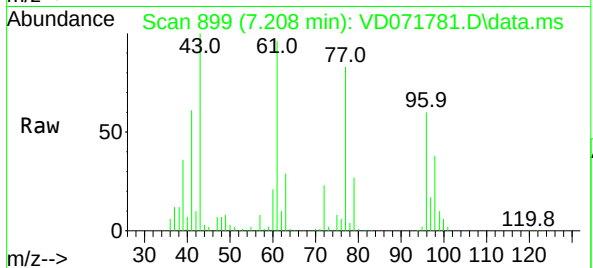




#25
2-Butanone
Concen: 275.682 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

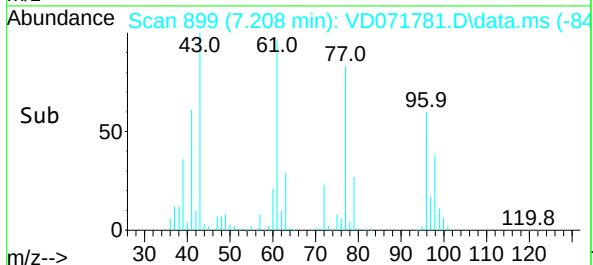
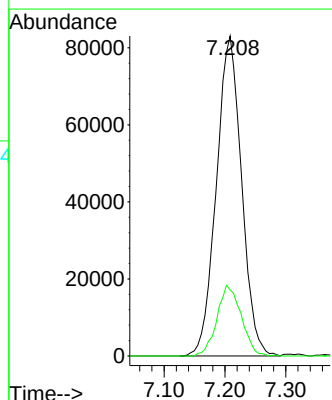
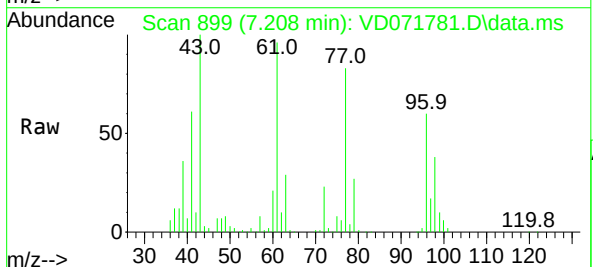
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

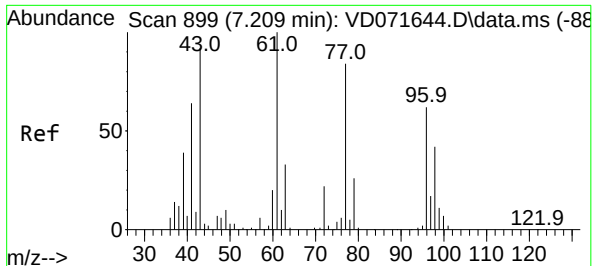
Tgt Ion: 43 Resp: 267229
Ion Ratio Lower Upper
43 100
72 22.8 16.4 24.6



#26
2,2-Dichloropropane
Concen: 47.321 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 77 Resp: 239096
Ion Ratio Lower Upper
77 100
97 21.2 10.7 32.1





#27

cis-1,2-Dichloroethene

Concen: 47.718 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

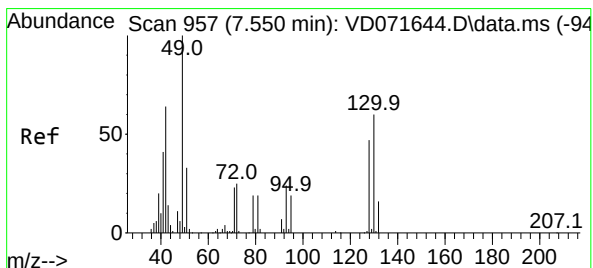
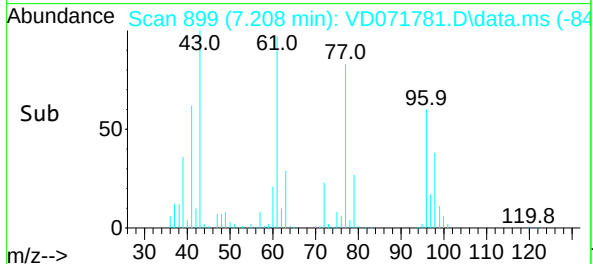
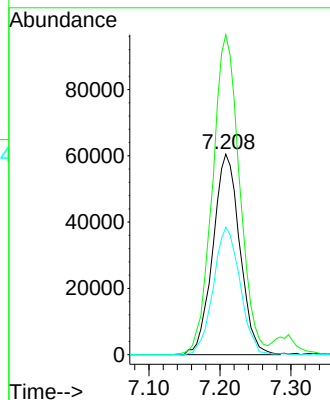
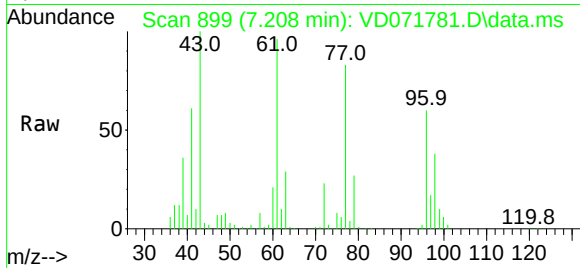
Tgt Ion: 96 Resp: 158798

Ion Ratio Lower Upper

96 100

61 161.6 0.0 322.8

98 63.1 0.0 130.8



#28

Bromochloromethane

Concen: 54.908 ug/l

RT: 7.549 min Scan# 957

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

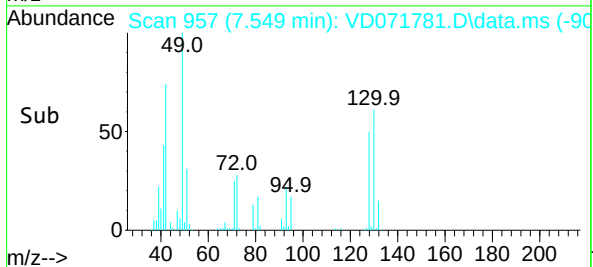
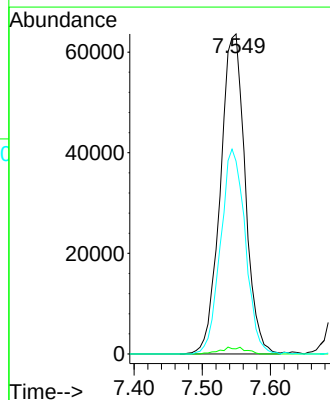
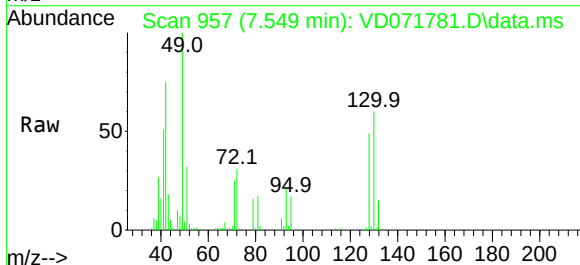
Tgt Ion: 49 Resp: 160945

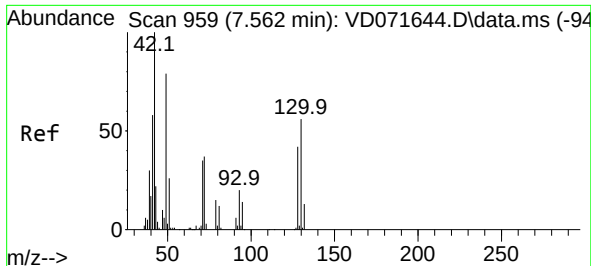
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 63.8 48.9 73.3





#29

Tetrahydrofuran

Concen: 285.487 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

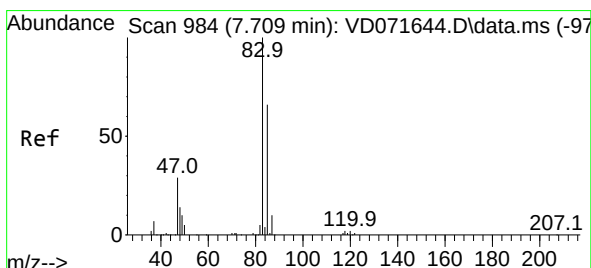
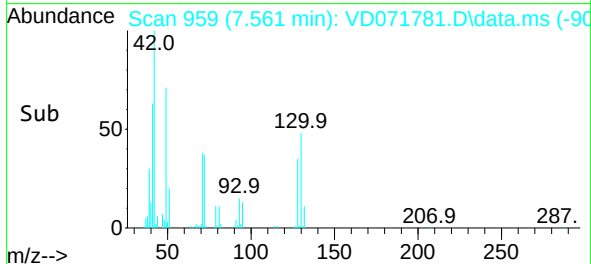
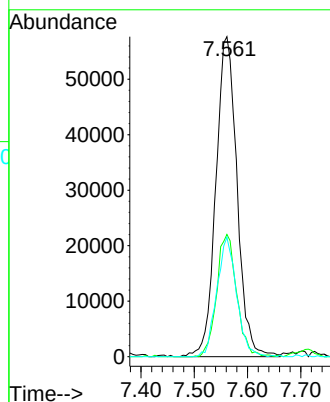
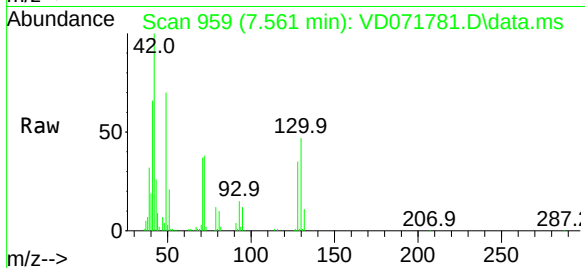
Tgt Ion: 42 Resp: 159198

Ion Ratio Lower Upper

42 100

72 36.1 29.6 44.4

71 34.8 27.3 40.9



#30

Chloroform

Concen: 49.477 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.006 min

Lab File: VD071781.D

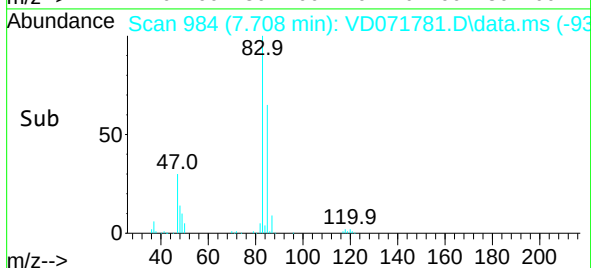
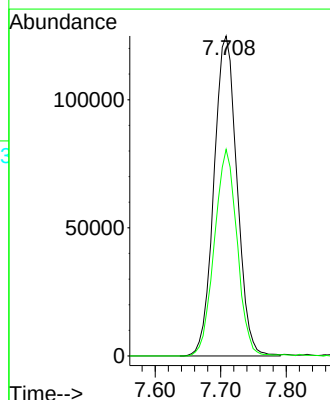
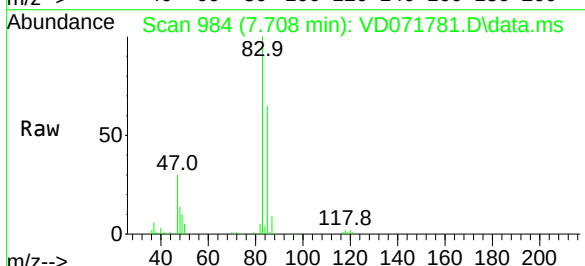
Acq: 24 Jan 2022 17:00

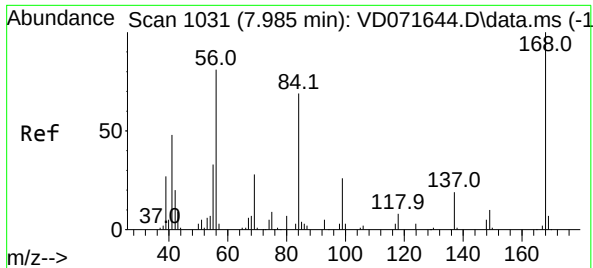
Tgt Ion: 83 Resp: 304428

Ion Ratio Lower Upper

83 100

85 64.6 52.4 78.6

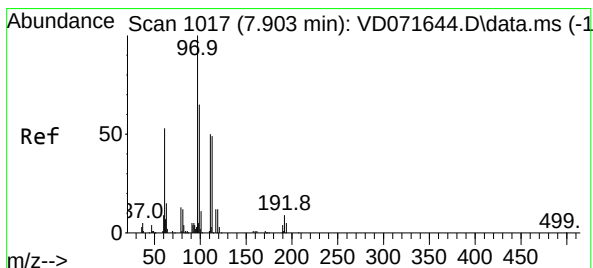
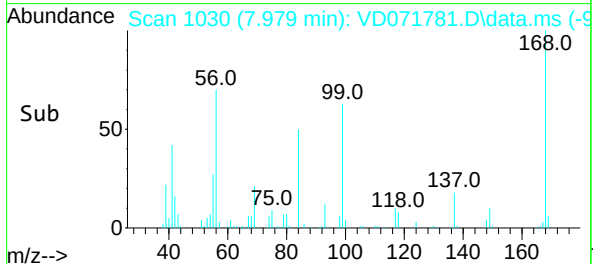
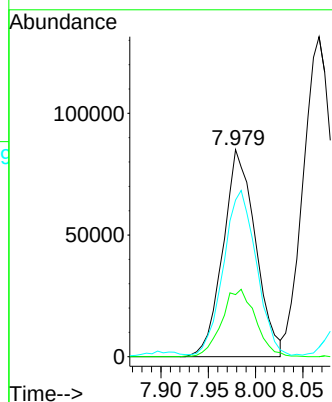
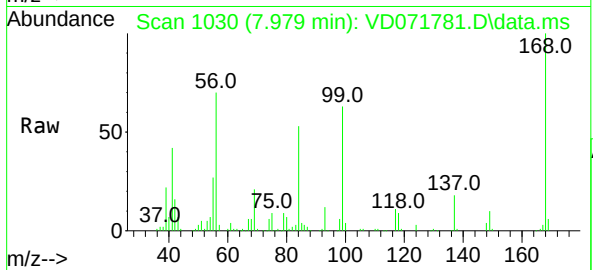




#31
Cyclohexane
Concen: 41.297 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

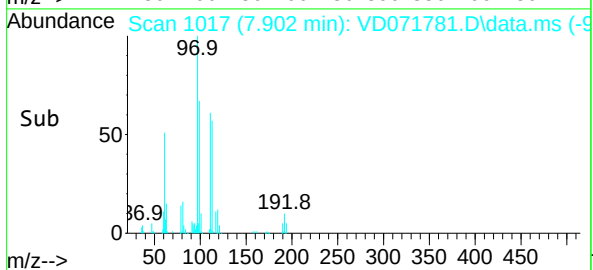
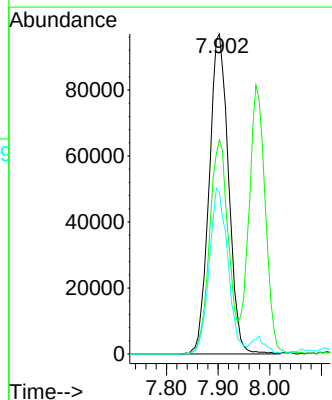
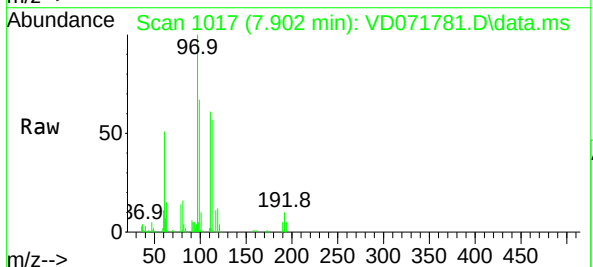
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

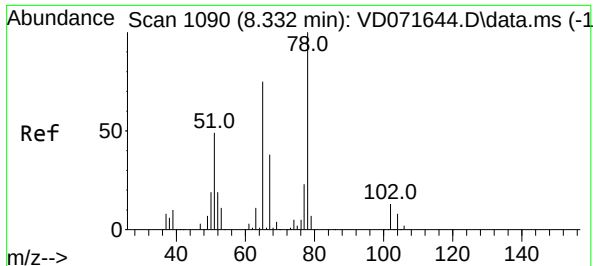
Tgt Ion: 56 Resp: 202864
Ion Ratio Lower Upper
56 100
69 30.0 21.7 32.5
84 74.4 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 46.457 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 97 Resp: 251939
Ion Ratio Lower Upper
97 100
99 64.4 51.8 77.6
61 50.4 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 55.758 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. -0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

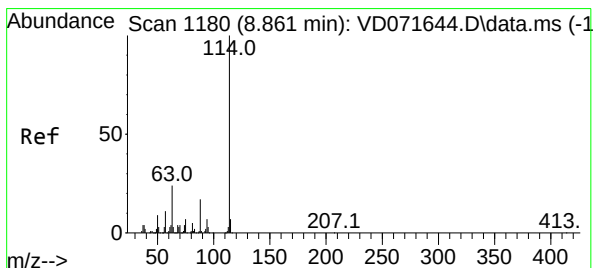
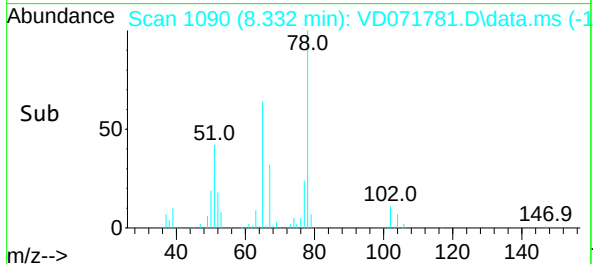
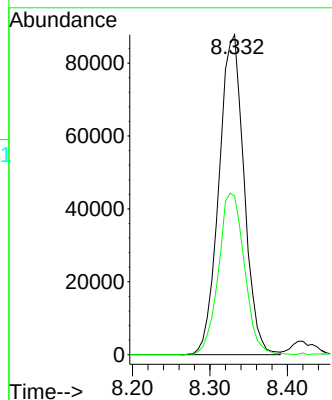
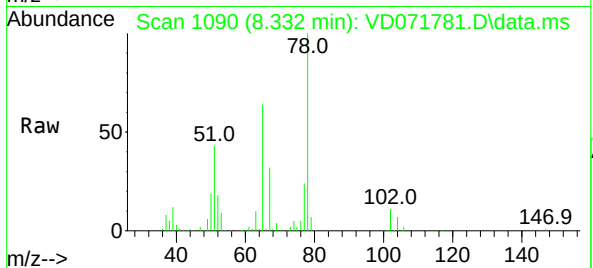
VSTDCCC050EC

Tgt Ion: 65 Resp: 198140

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

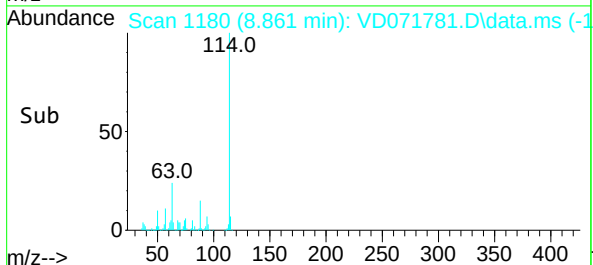
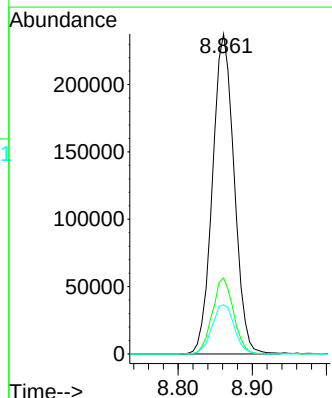
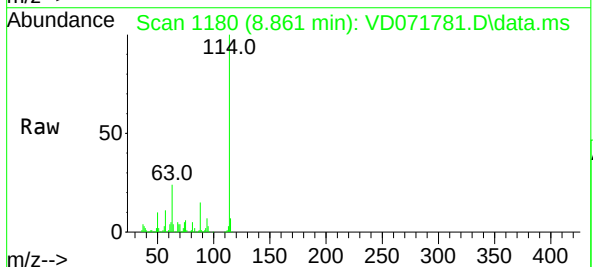
Tgt Ion: 114 Resp: 482404

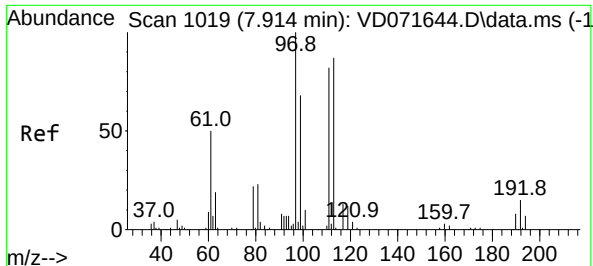
Ion Ratio Lower Upper

114 100

63 23.7 0.0 46.2

88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 54.425 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

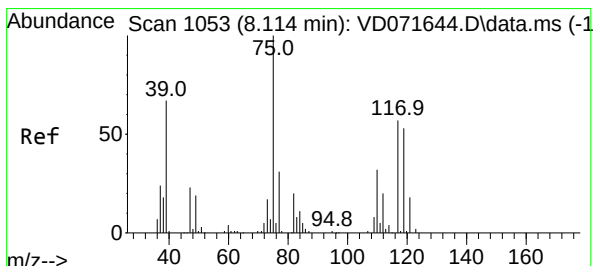
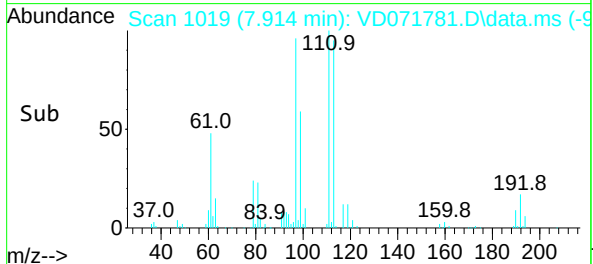
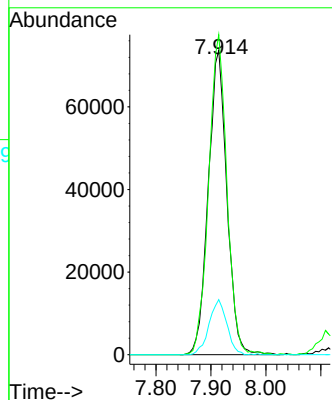
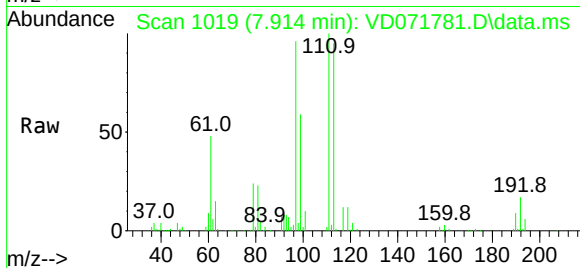
Tgt Ion:113 Resp: 173512

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 17.2 14.2 21.2



#36

1,1-Dichloropropene

Concen: 43.027 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.006 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

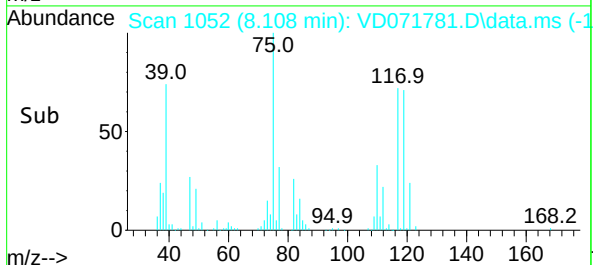
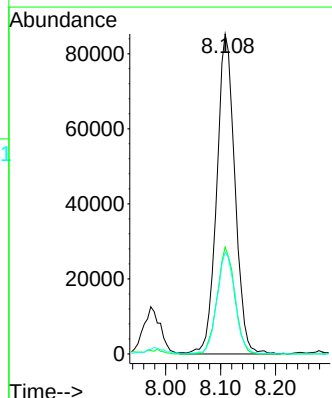
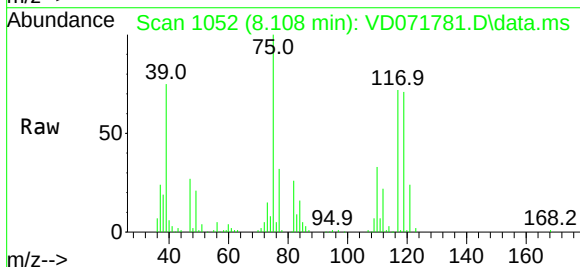
Tgt Ion: 75 Resp: 195673

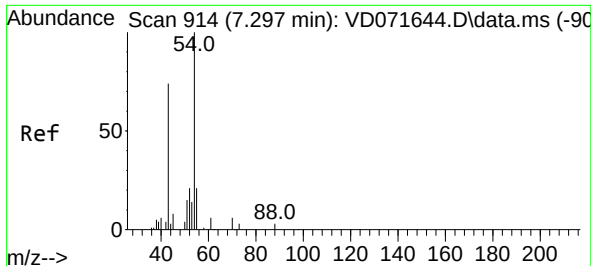
Ion Ratio Lower Upper

75 100

110 32.4 16.0 48.0

77 31.8 24.5 36.7

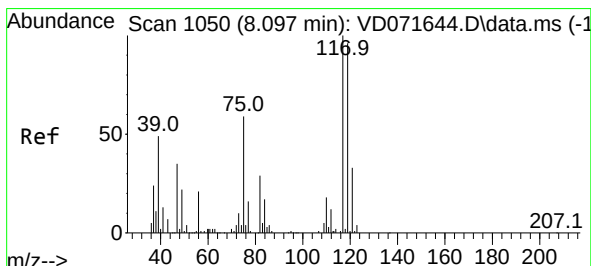
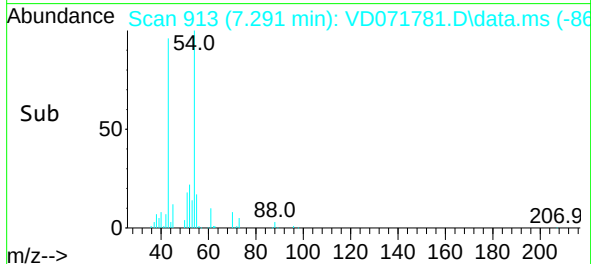
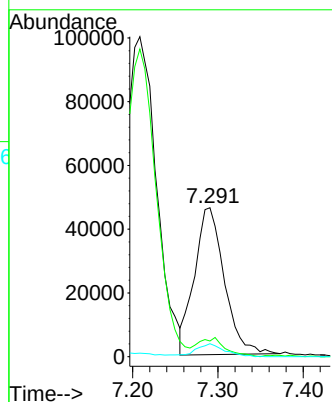
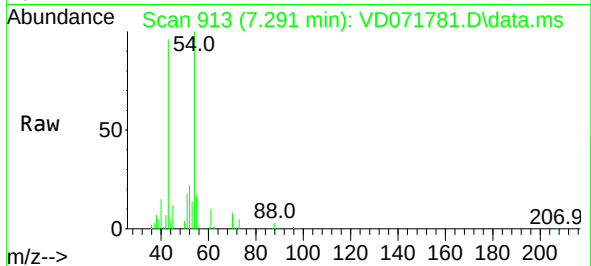




#37
Ethyl Acetate
Concen: 53.199 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

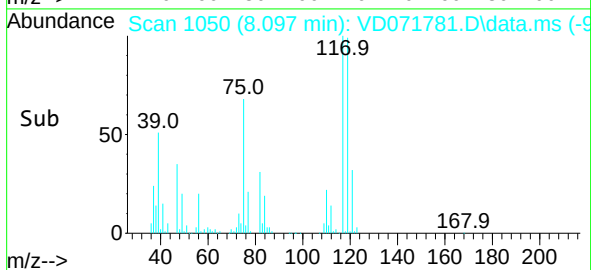
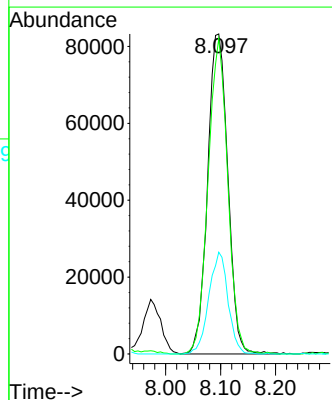
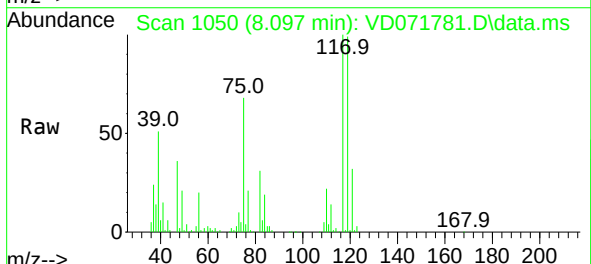
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

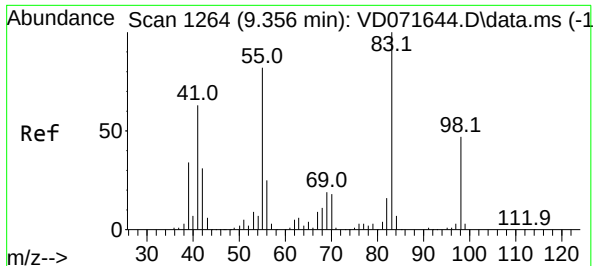
Tgt Ion: 43 Resp: 112286
Ion Ratio Lower Upper
43 100
61 11.7 11.0 16.4
70 8.4 7.4 11.2



#38
Carbon Tetrachloride
Concen: 46.177 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.001 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 117 Resp: 212665
Ion Ratio Lower Upper
117 100
119 98.6 73.4 110.2
121 31.8 23.9 35.9





#39

Methylcyclohexane

Concen: 39.914 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

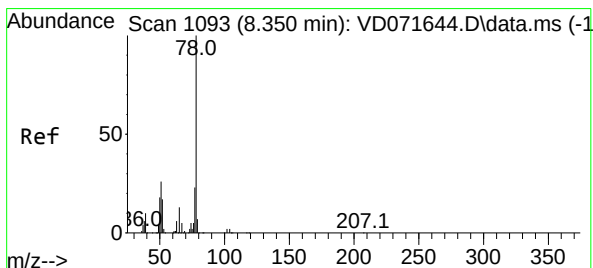
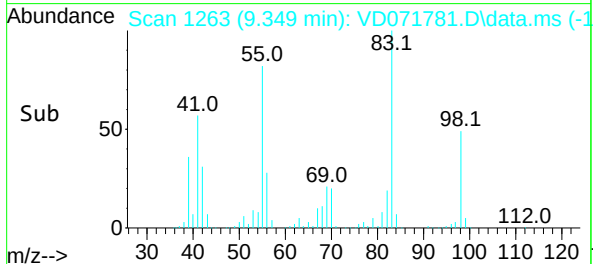
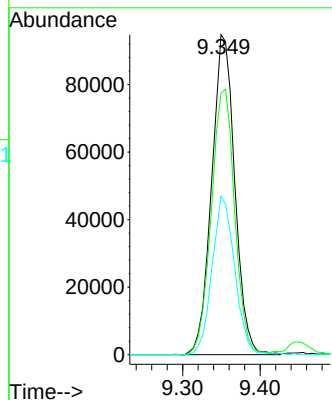
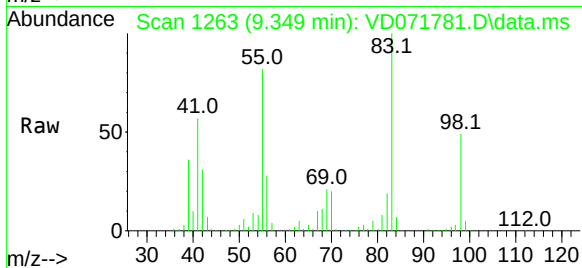
Tgt Ion: 83 Resp: 196064

Ion Ratio Lower Upper

83 100

55 81.8 70.1 105.1

98 49.5 39.2 58.8



#40

Benzene

Concen: 45.807 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD071781.D

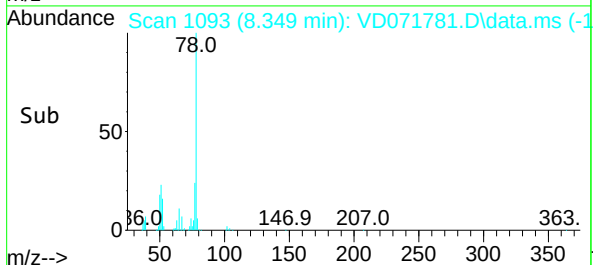
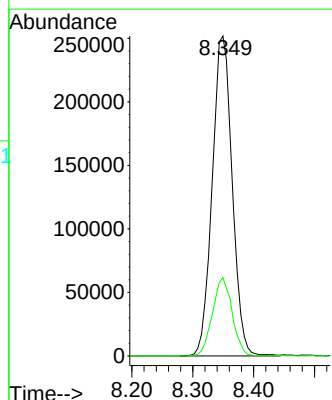
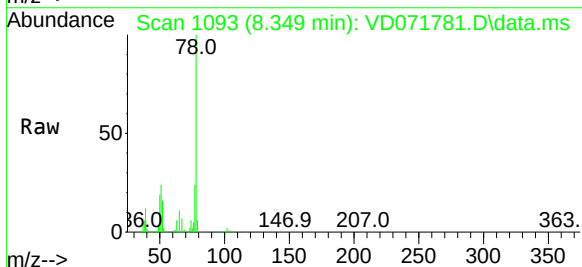
Acq: 24 Jan 2022 17:00

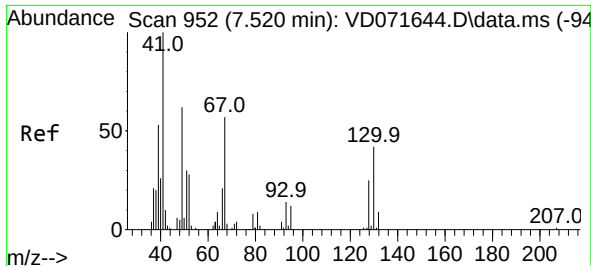
Tgt Ion: 78 Resp: 573967

Ion Ratio Lower Upper

78 100

77 24.5 19.4 29.0

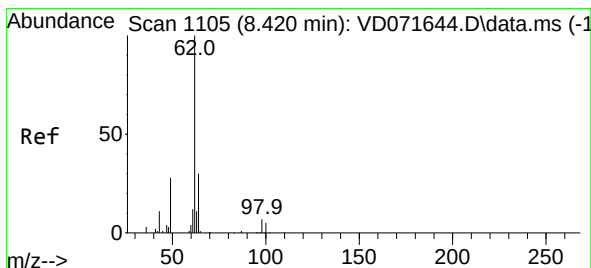
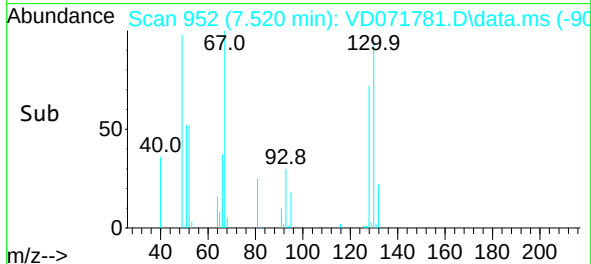
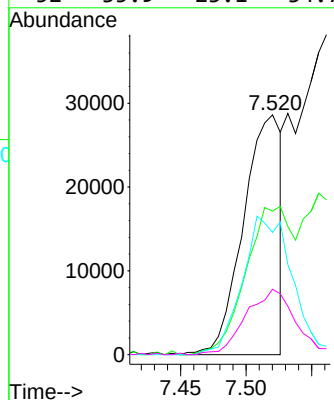
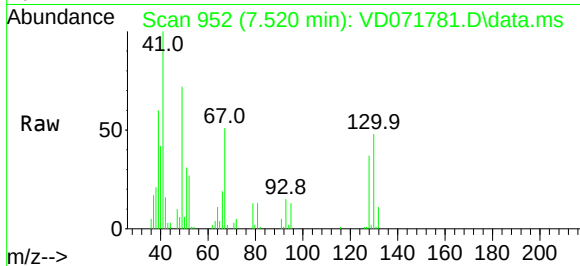




#41
Methacrylonitrile
Concen: 44.279 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

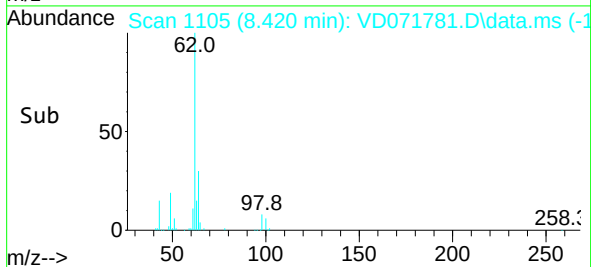
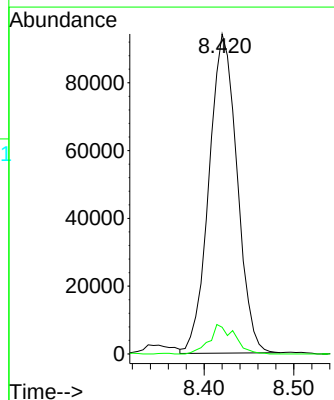
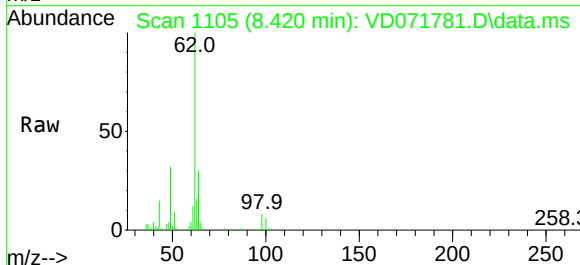
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

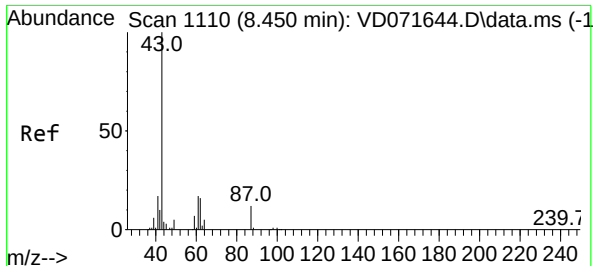
Tgt Ion: 41 Resp: 57448
Ion Ratio Lower Upper
41 100
39 77.2 46.9 70.3#
67 76.0 49.3 73.9#
52 35.9 23.1 34.7#



#42
1,2-Dichloroethane
Concen: 48.306 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 62 Resp: 204889
Ion Ratio Lower Upper
62 100
98 8.3 0.0 15.4





#43

Isopropyl Acetate

Concen: 54.948 ug/l

RT: 8.449 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

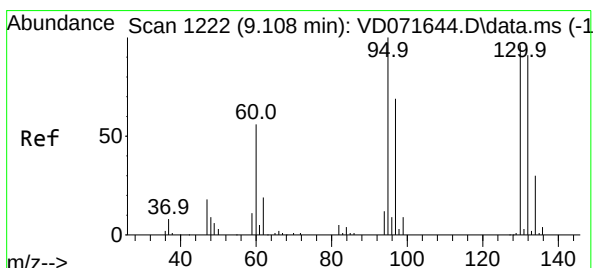
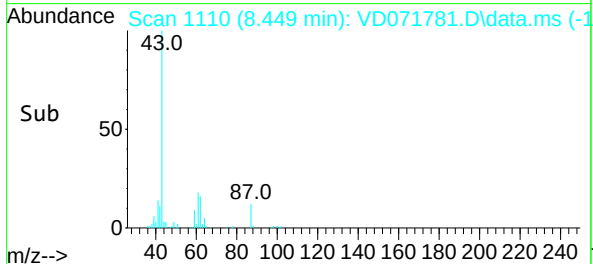
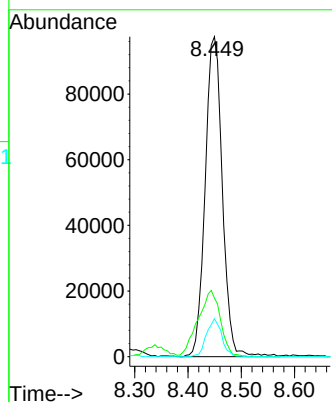
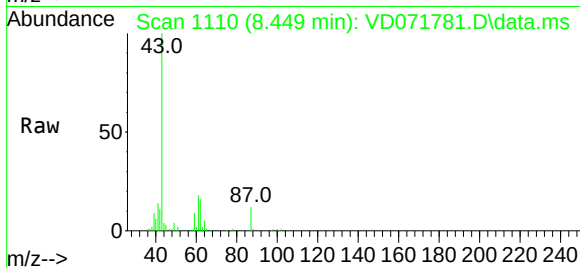
Tgt Ion: 43 Resp: 218315

Ion Ratio Lower Upper

43 100

61 27.1 21.9 32.9

87 10.6 8.9 13.3



#44

Trichloroethene

Concen: 42.551 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD071781.D

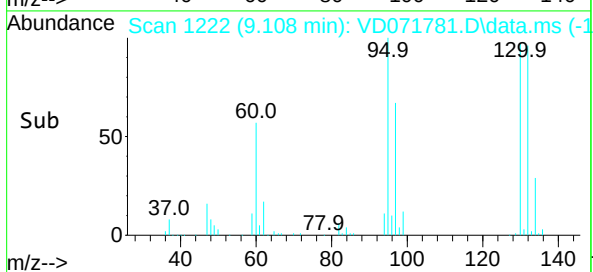
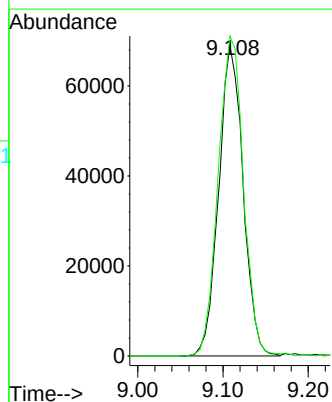
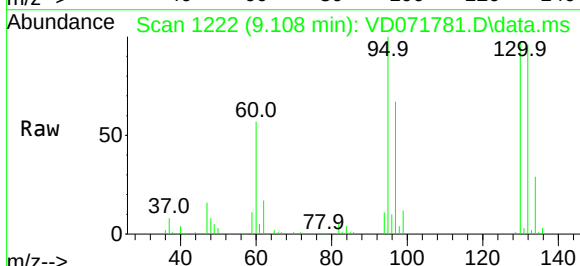
Acq: 24 Jan 2022 17:00

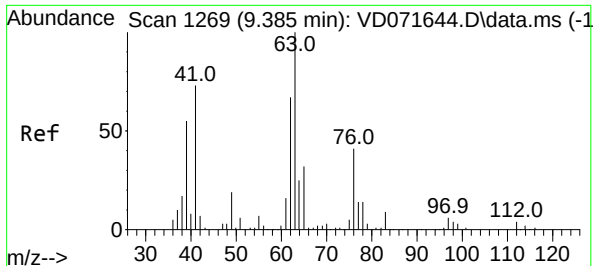
Tgt Ion:130 Resp: 137209

Ion Ratio Lower Upper

130 100

95 103.0 0.0 214.4





#45

1,2-Dichloropropane

Concen: 48.262 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

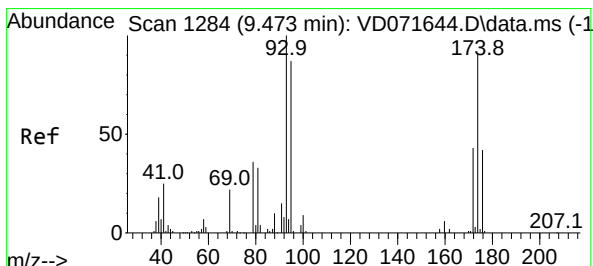
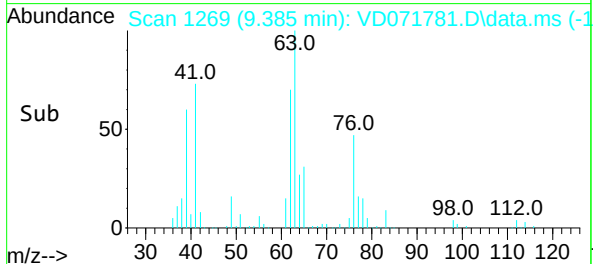
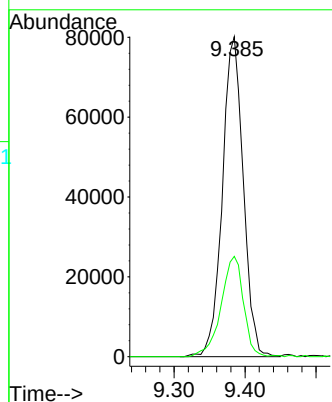
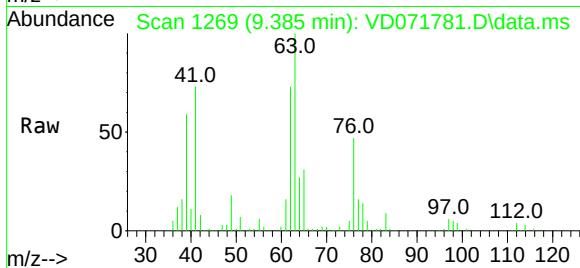
VSTDCCC050EC

Tgt Ion: 63 Resp: 163472

Ion Ratio Lower Upper

63 100

65 31.3 24.7 37.1



#46

Dibromomethane

Concen: 51.662 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

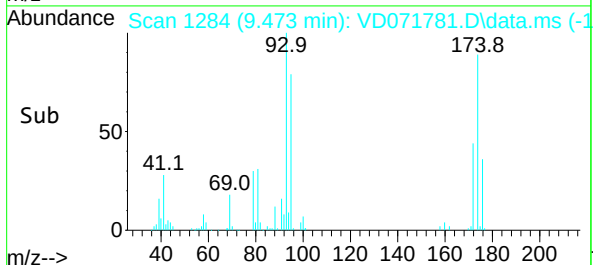
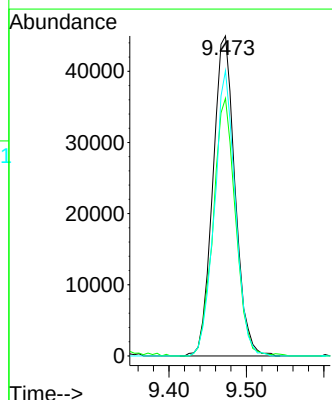
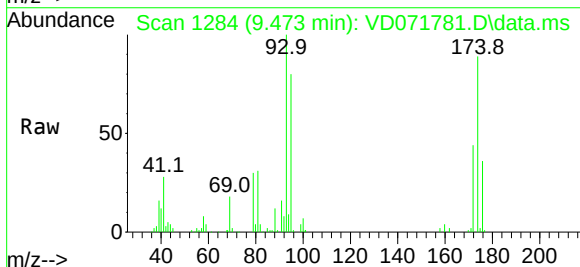
Tgt Ion: 93 Resp: 89568

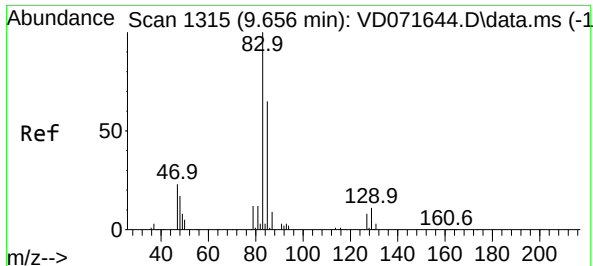
Ion Ratio Lower Upper

93 100

95 80.7 65.1 97.7

174 84.1 68.1 102.1

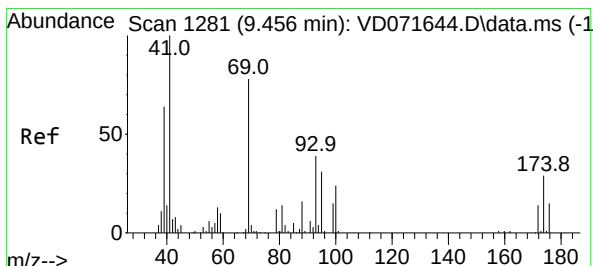
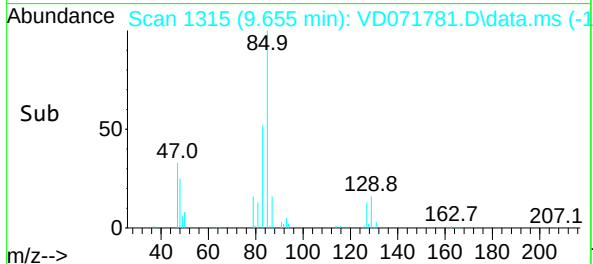
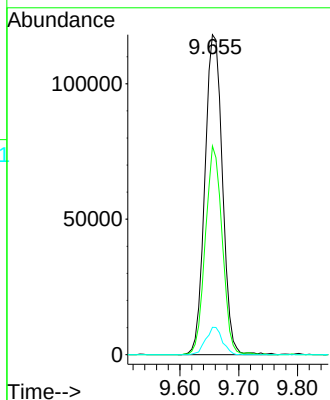
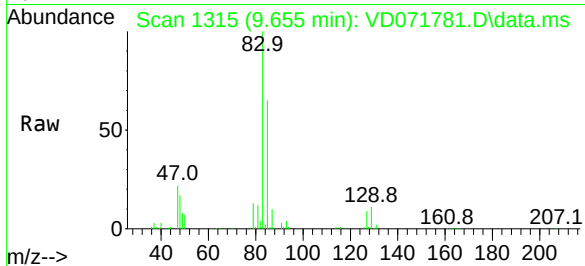




#47
Bromodichloromethane
Concen: 51.326 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

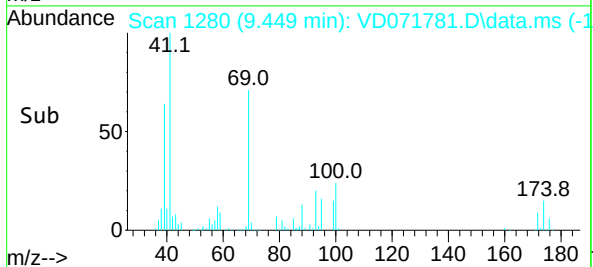
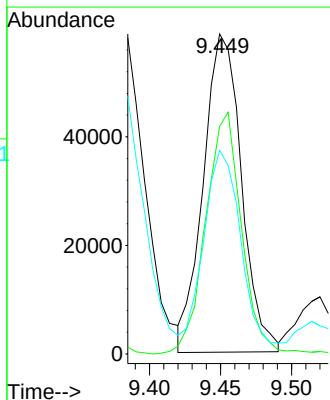
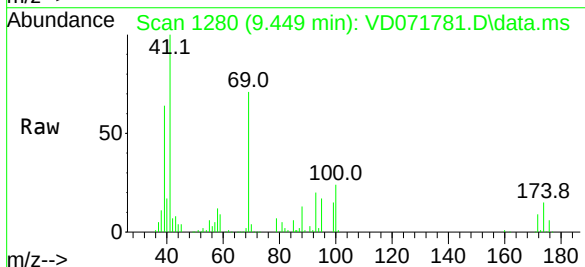
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

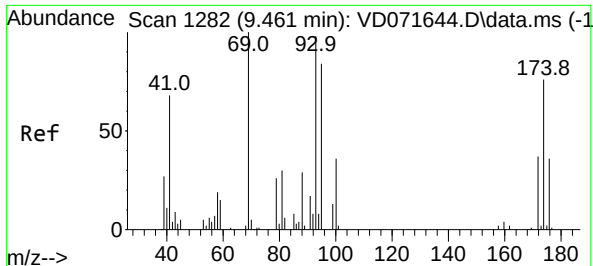
Tgt Ion: 83 Resp: 244309
Ion Ratio Lower Upper
83 100
85 65.2 50.6 75.8
127 8.5 6.1 9.1



#48
Methyl methacrylate
Concen: 54.568 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 41 Resp: 109560
Ion Ratio Lower Upper
41 100
69 72.0 59.5 89.3
39 63.0 56.0 84.0





#49

1,4-Dioxane

Concen: 1143.507 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

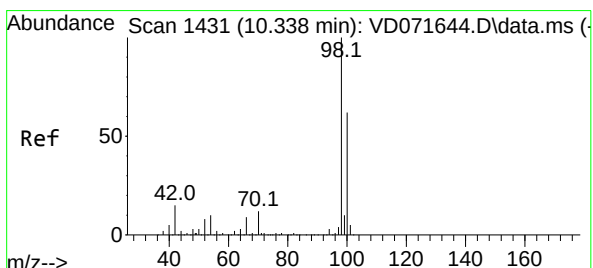
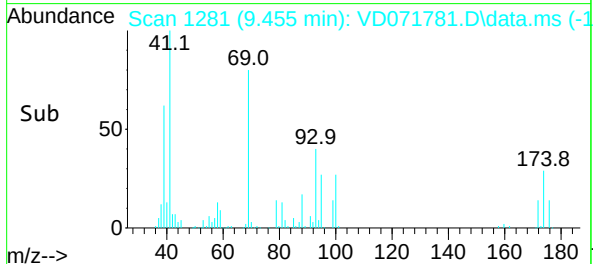
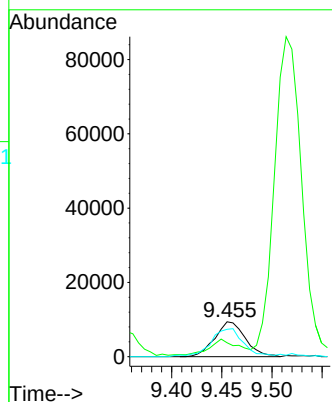
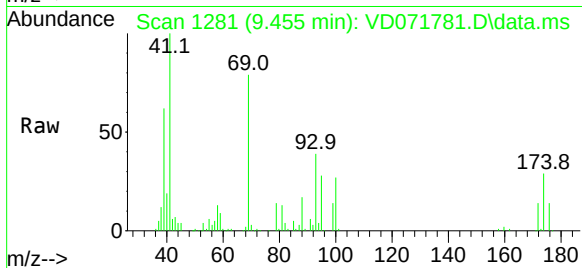
Tgt Ion: 88 Resp: 19876

Ion Ratio Lower Upper

88 100

43 39.4 34.6 52.0

58 85.9 62.0 93.0



#50

Toluene-d8

Concen: 52.802 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.001 min

Lab File: VD071781.D

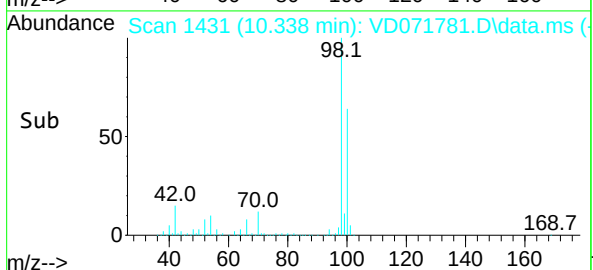
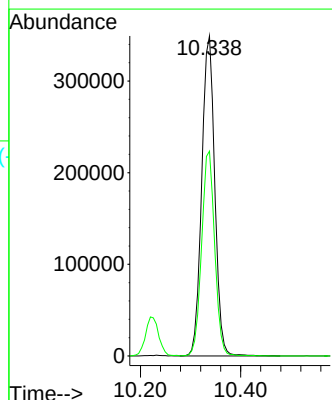
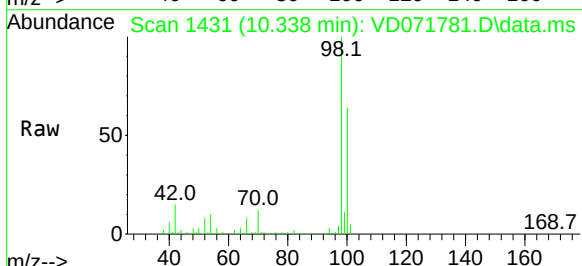
Acq: 24 Jan 2022 17:00

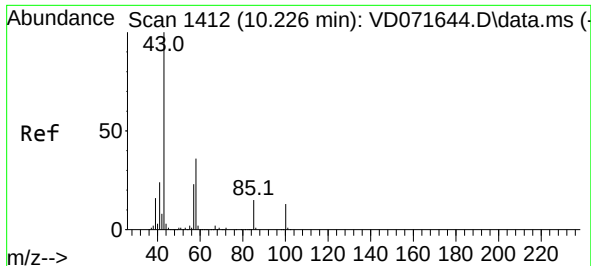
Tgt Ion: 98 Resp: 630145

Ion Ratio Lower Upper

98 100

100 64.3 52.1 78.1

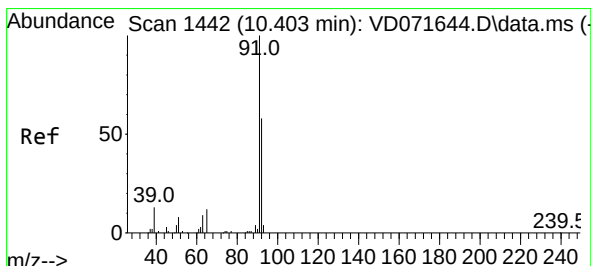
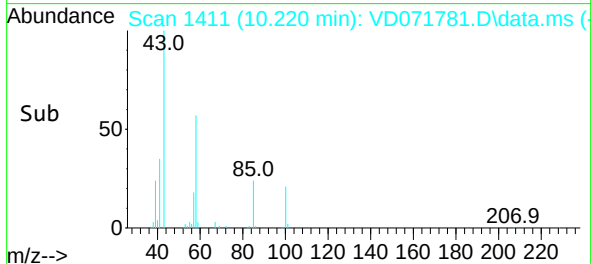
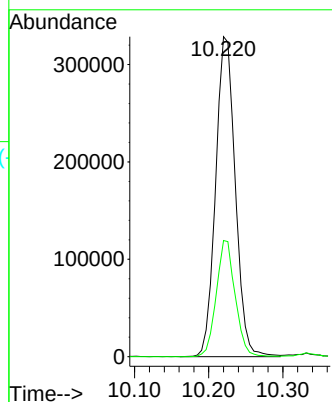
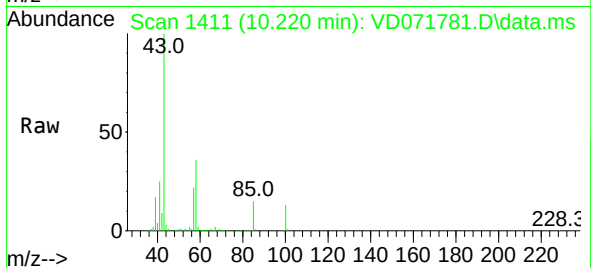




#51
4-Methyl-2-Pentanone
Concen: 288.892 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

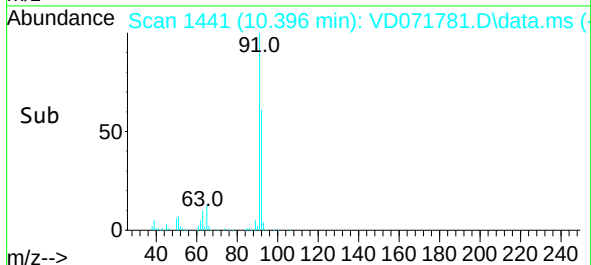
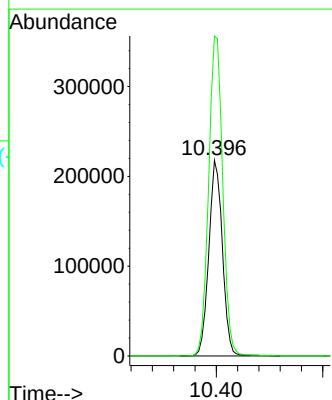
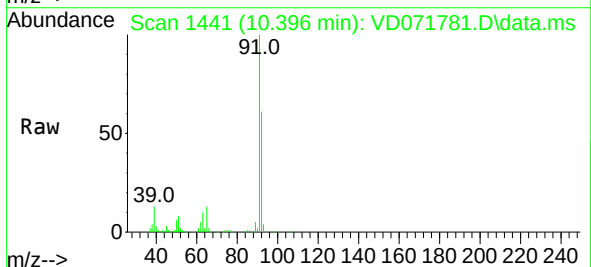
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

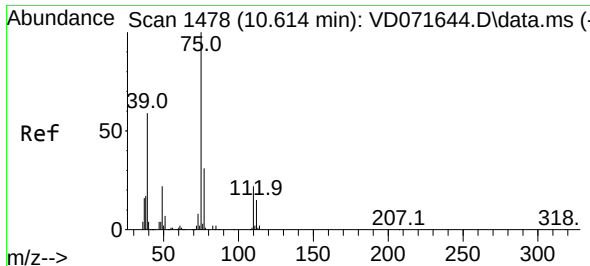
Tgt Ion: 43 Resp: 606285
Ion Ratio Lower Upper
43 100
58 34.9 28.2 42.2



#52
Toluene
Concen: 49.064 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 92 Resp: 386975
Ion Ratio Lower Upper
92 100
91 169.7 137.3 205.9

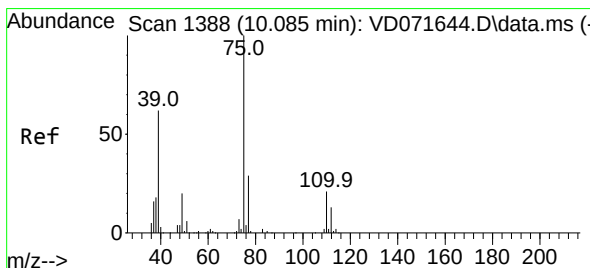
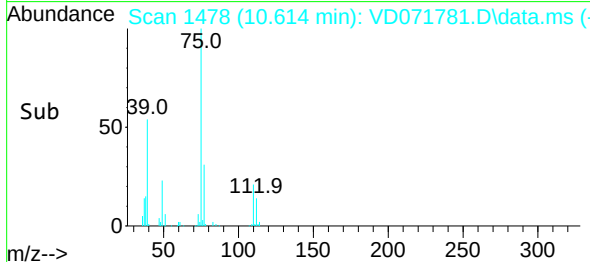
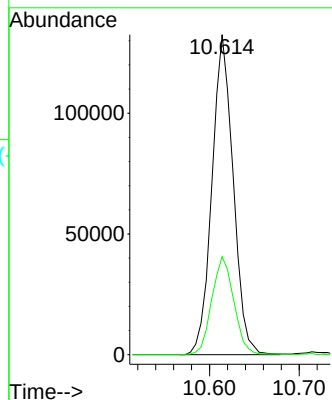
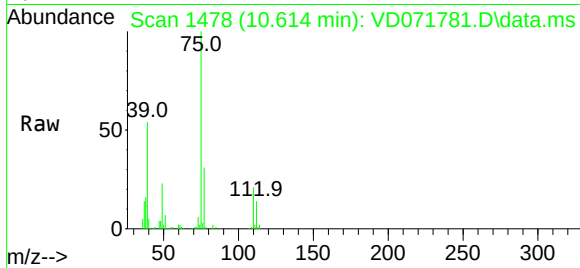




#53
t-1,3-Dichloropropene
Concen: 52.105 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

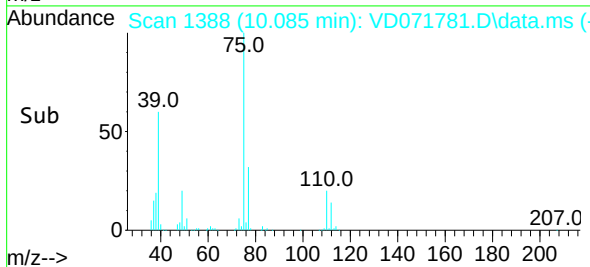
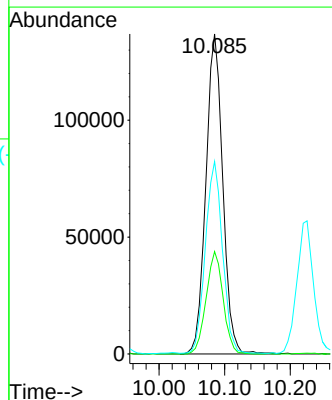
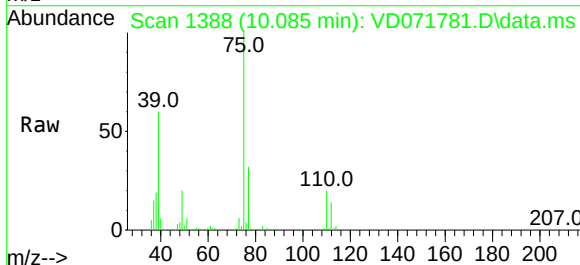
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

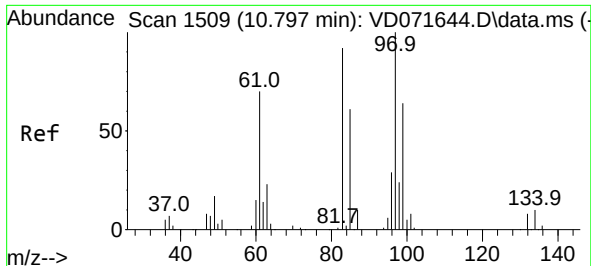
Tgt Ion: 75 Resp: 217562
Ion Ratio Lower Upper
75 100
77 30.7 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 49.828 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 75 Resp: 245316
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.6
39 59.9 49.8 74.8

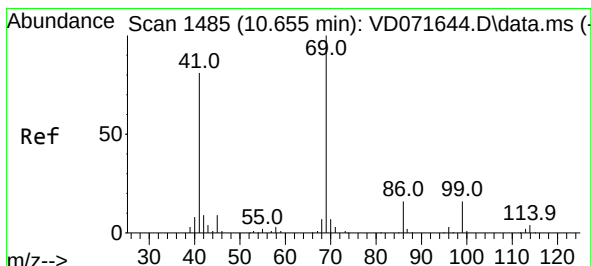
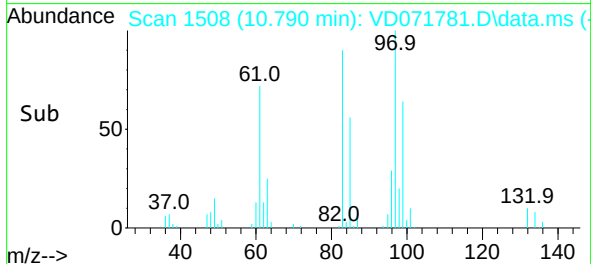
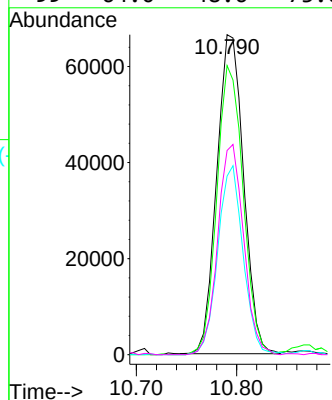
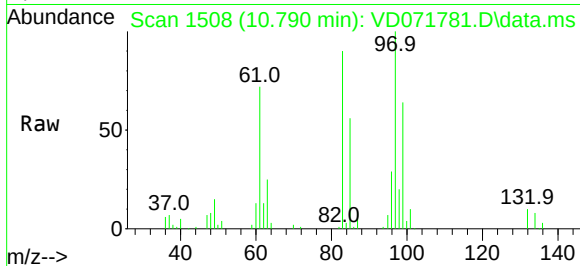




#55
1,1,2-Trichloroethane
Concen: 54.204 ug/l
RT: 10.790 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

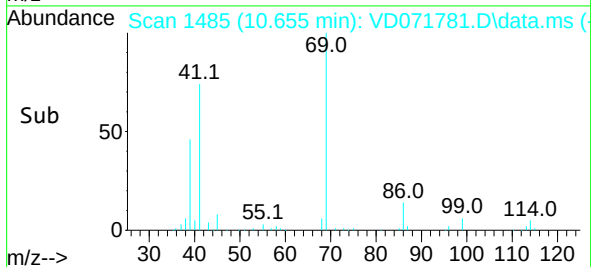
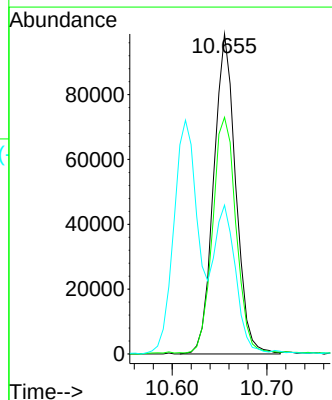
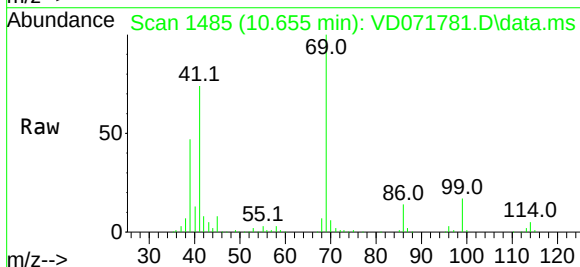
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

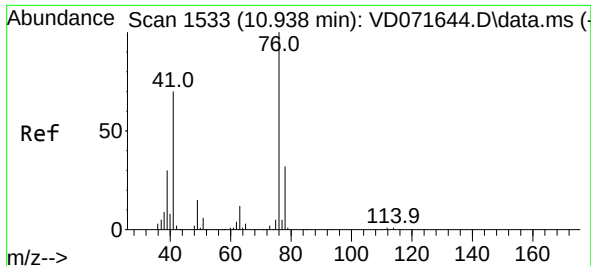
Tgt Ion: 97 Resp: 123195
Ion Ratio Lower Upper
97 100
83 90.6 68.1 102.1
85 56.0 46.8 70.2
99 64.0 48.6 73.0



#56
Ethyl methacrylate
Concen: 57.269 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 69 Resp: 159548
Ion Ratio Lower Upper
69 100
41 78.6 65.8 98.6
39 43.7 38.7 58.1





#57

1,3-Dichloropropane

Concen: 52.293 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.005 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

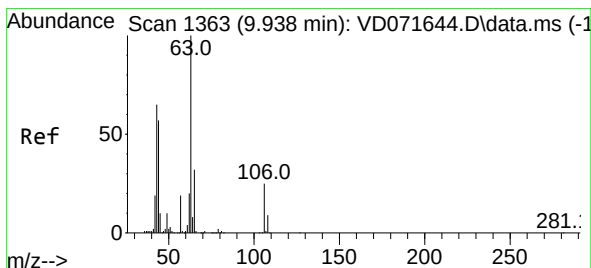
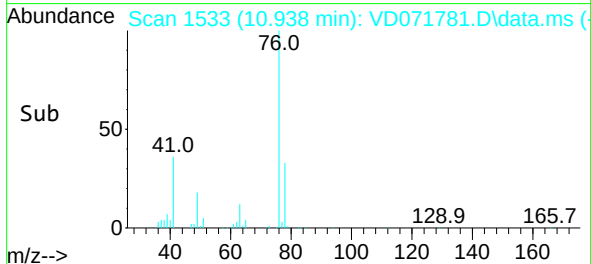
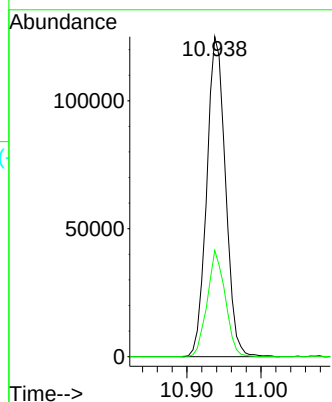
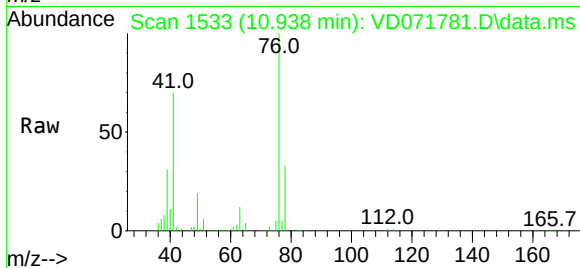
VSTDCCC050EC

Tgt Ion: 76 Resp: 219634

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 281.852 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.001 min

Lab File: VD071781.D

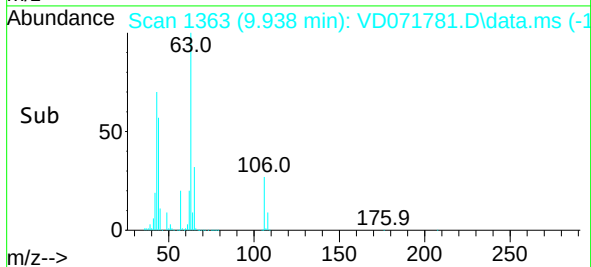
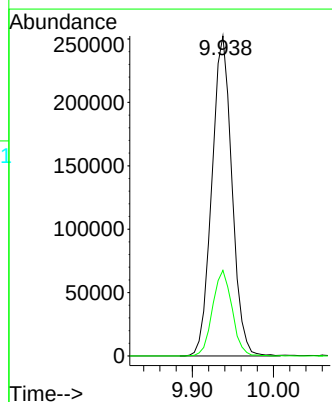
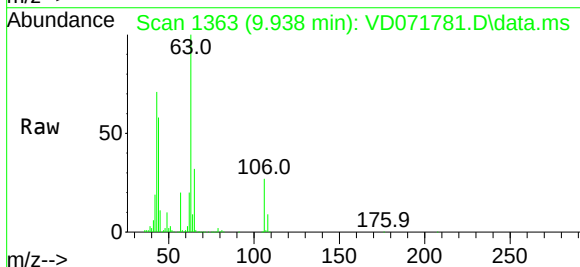
Acq: 24 Jan 2022 17:00

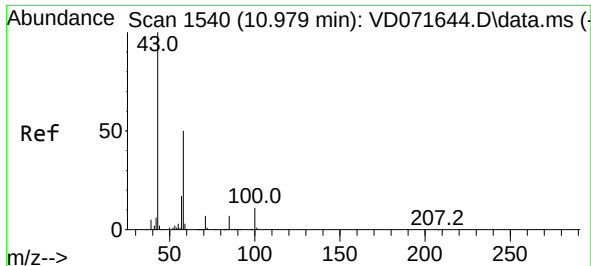
Tgt Ion: 63 Resp: 433473

Ion Ratio Lower Upper

63 100

106 25.9 20.7 31.1

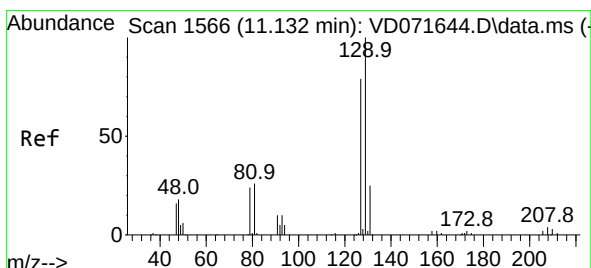
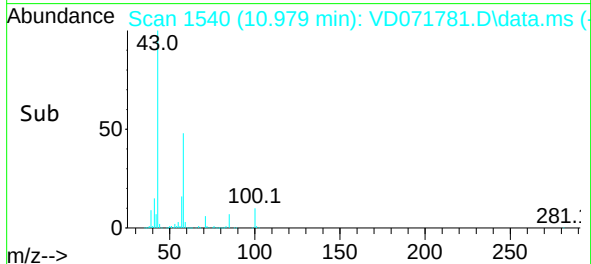
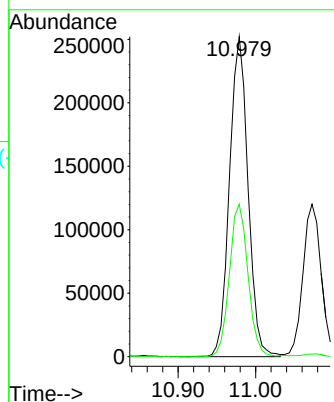
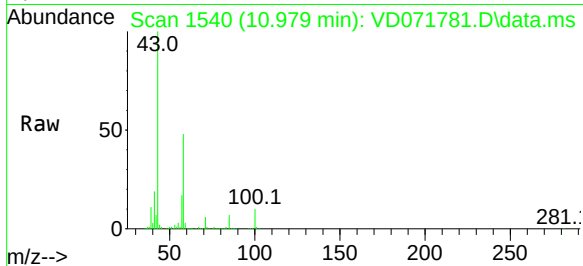




#59
2-Hexanone
Concen: 286.061 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

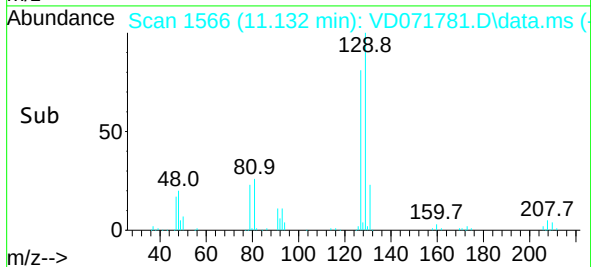
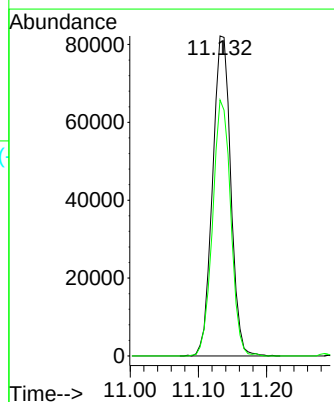
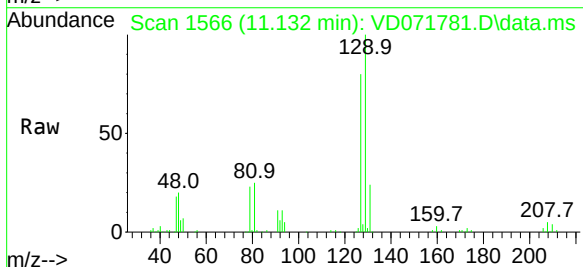
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

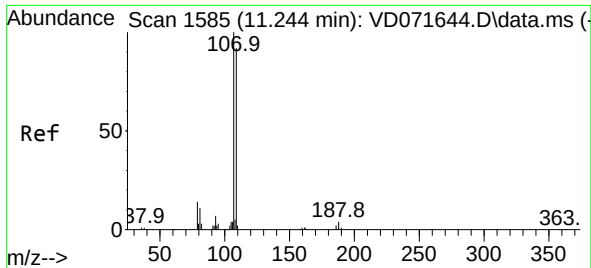
Tgt Ion: 43 Resp: 419310
Ion Ratio Lower Upper
43 100
58 47.9 24.3 72.8



#60
Dibromochloromethane
Concen: 52.877 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.005 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 129 Resp: 152974
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.3

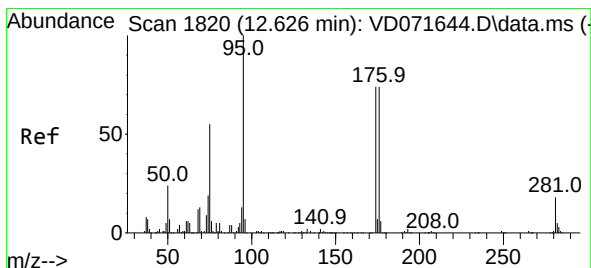
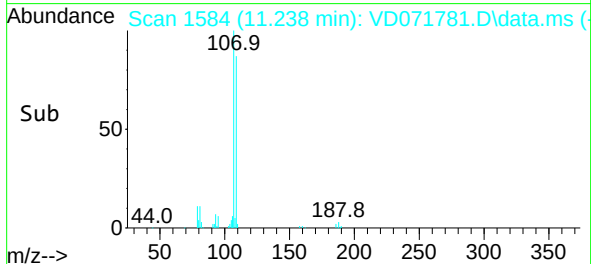
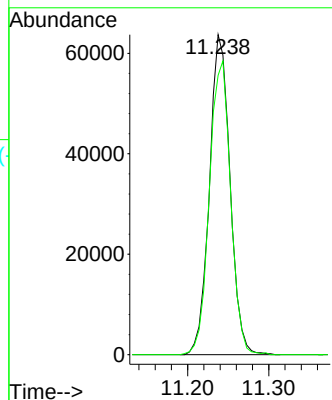
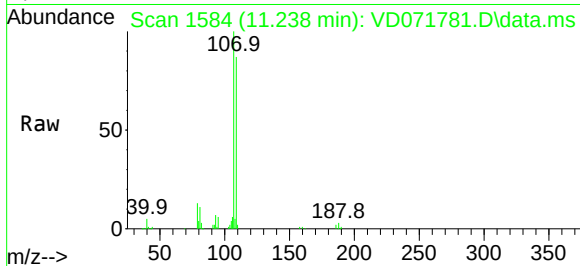




#61
1,2-Dibromoethane
Concen: 51.567 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

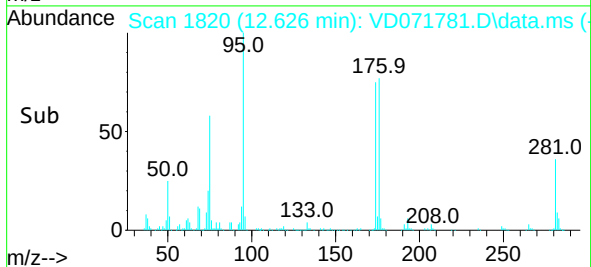
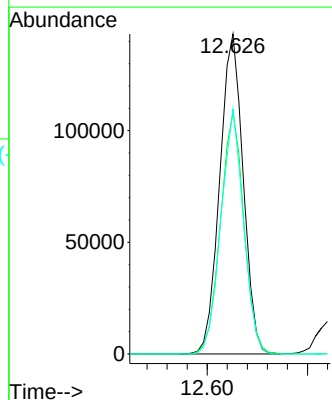
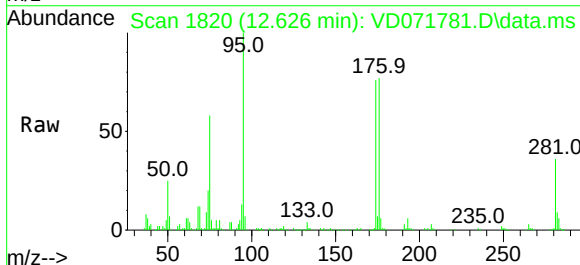
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

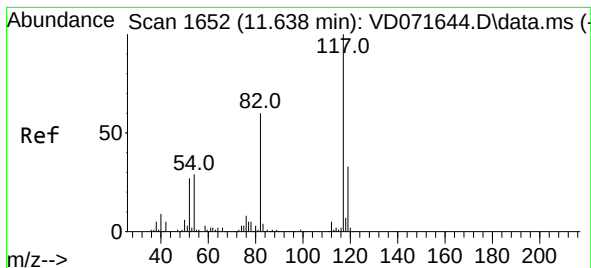
Tgt Ion:107 Resp: 112133
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 55.040 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 95 Resp: 231457
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.0
176 73.5 0.0 146.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDC0050EC

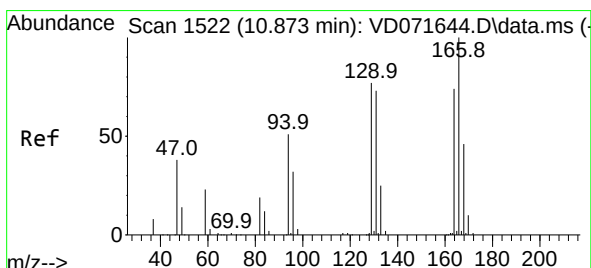
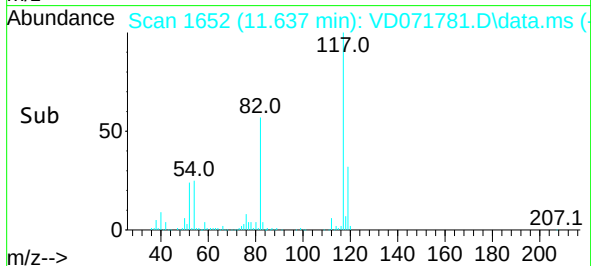
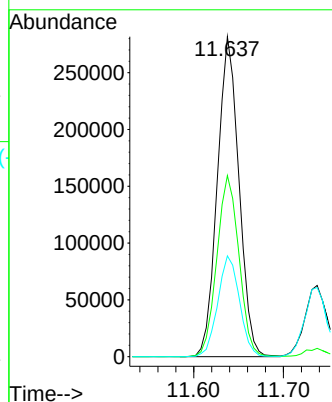
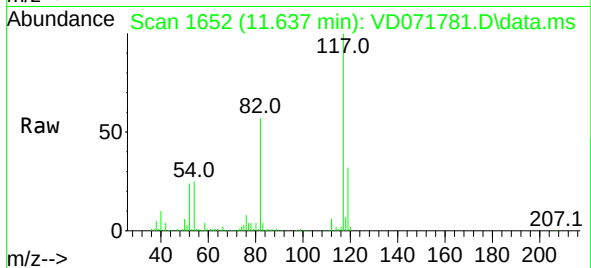
Tgt Ion:117 Resp: 471469

Ion Ratio Lower Upper

117 100

82 56.6 46.9 70.3

119 31.5 26.6 39.8



#64

Tetrachloroethene

Concen: 41.523 ug/l

RT: 10.873 min Scan# 1522

Delta R.T. -0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Tgt Ion:164 Resp: 114997

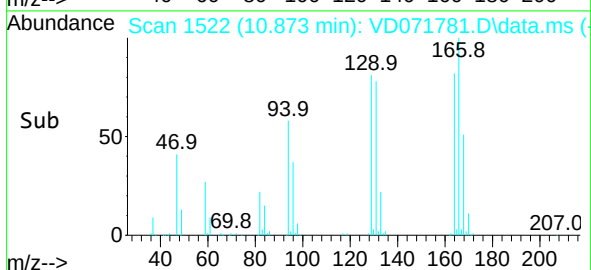
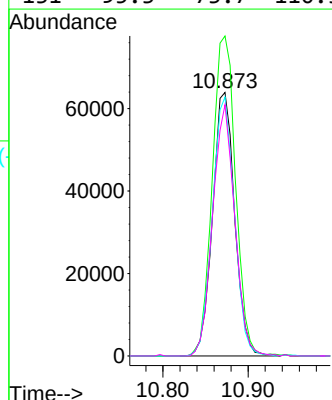
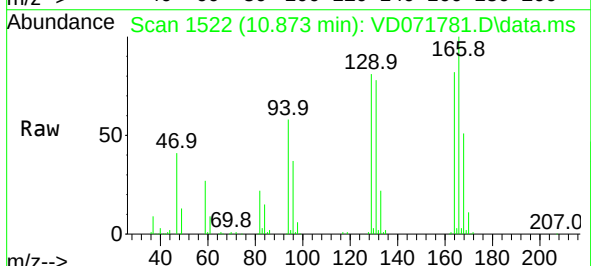
Ion Ratio Lower Upper

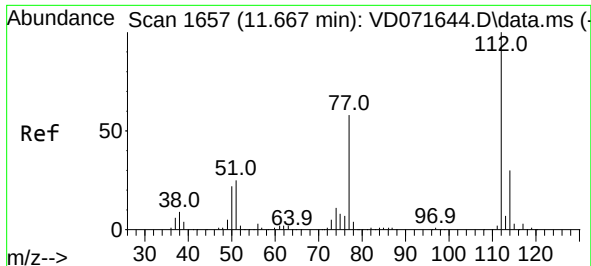
164 100

166 121.4 100.2 150.2

129 98.2 82.0 123.0

131 95.3 73.7 110.5

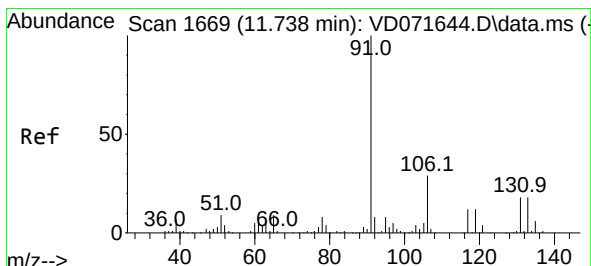
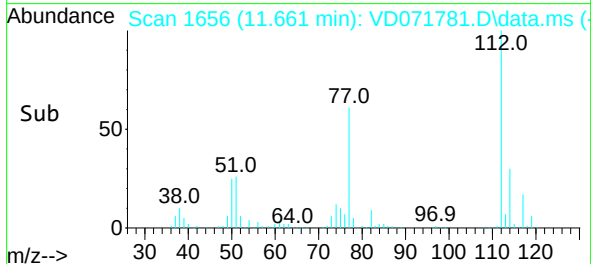
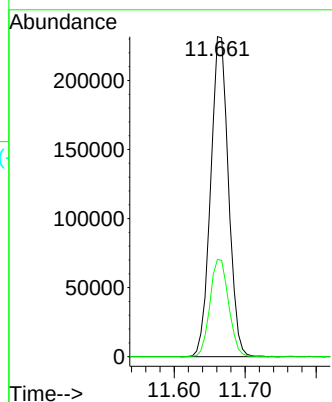
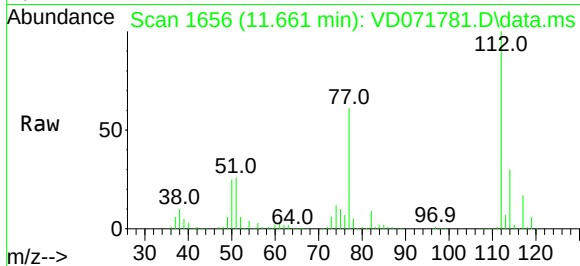




#65
Chlorobenzene
Concen: 44.782 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

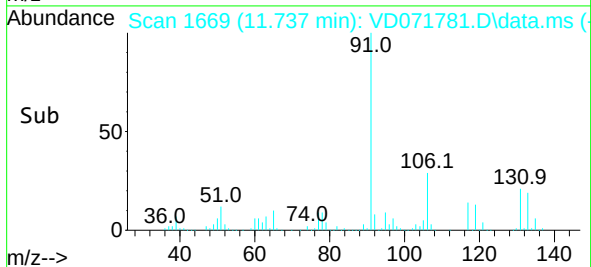
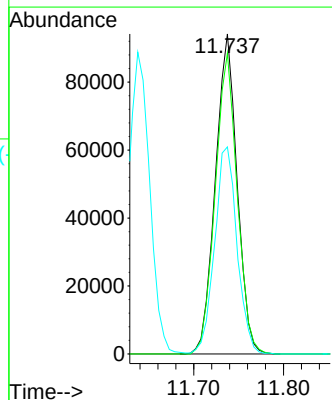
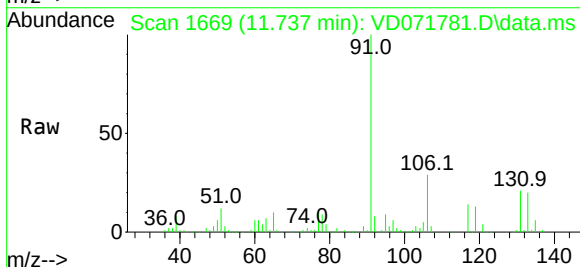
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

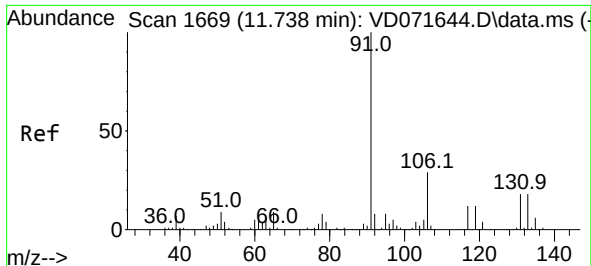
Tgt Ion:112 Resp: 404023
Ion Ratio Lower Upper
112 100
114 30.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 46.286 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion:131 Resp: 158340
Ion Ratio Lower Upper
131 100
133 94.9 48.1 144.3
119 66.9 33.8 101.4

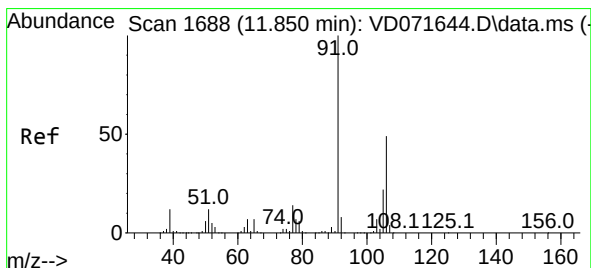
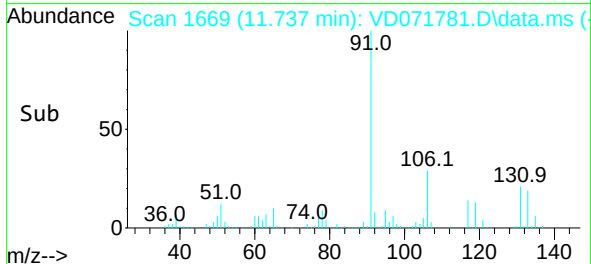
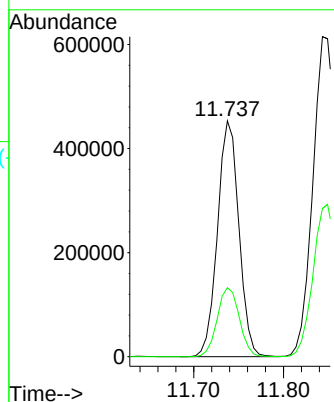
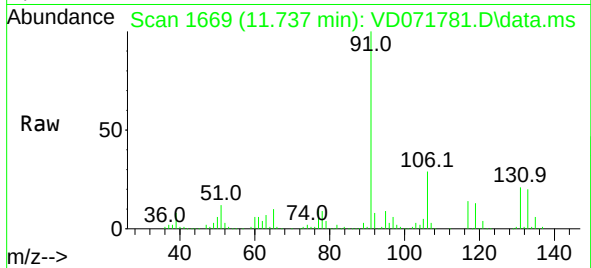




#67
Ethyl Benzene
Concen: 45.286 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

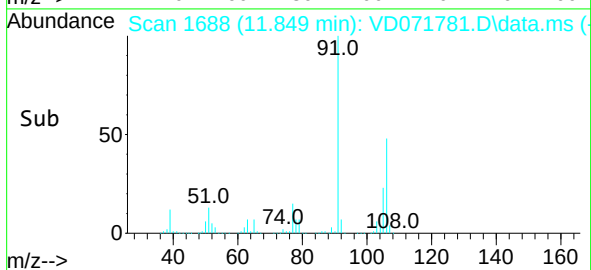
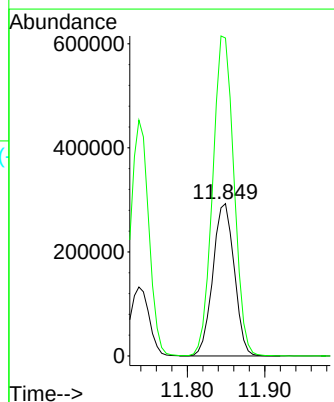
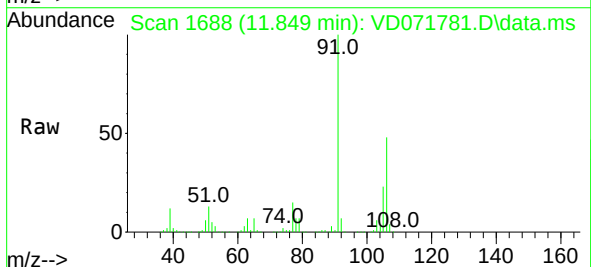
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

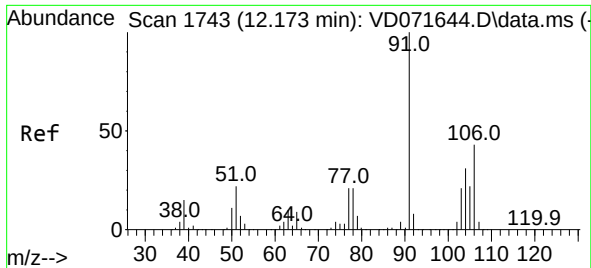
Tgt Ion: 91 Resp: 750074
Ion Ratio Lower Upper
91 100
106 29.3 23.6 35.4



#68
m/p-Xylenes
Concen: 91.183 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 106 Resp: 561702
Ion Ratio Lower Upper
106 100
91 208.5 168.6 252.8

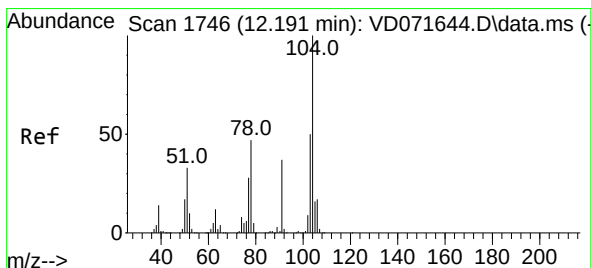
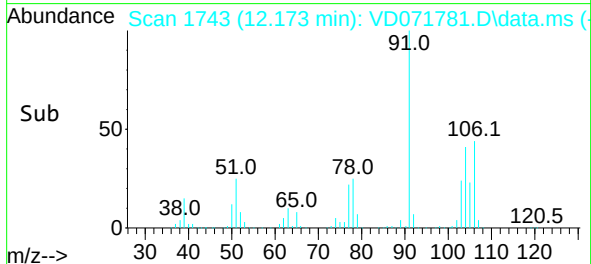
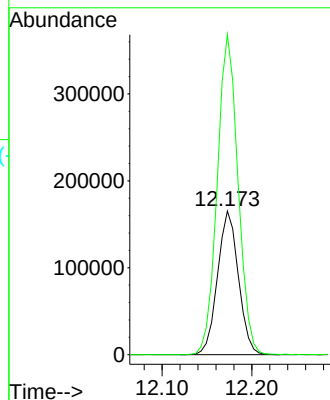
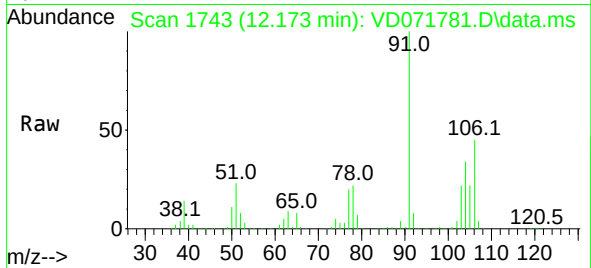




#69
o-Xylene
Concen: 45.782 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

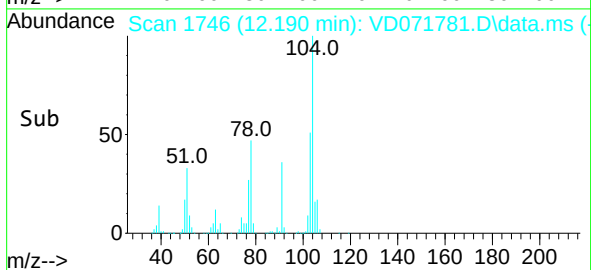
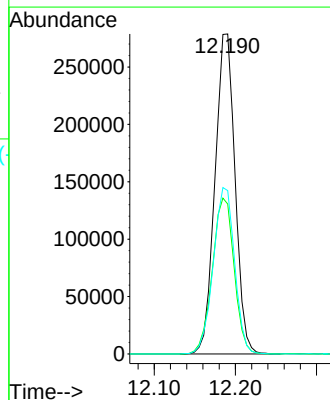
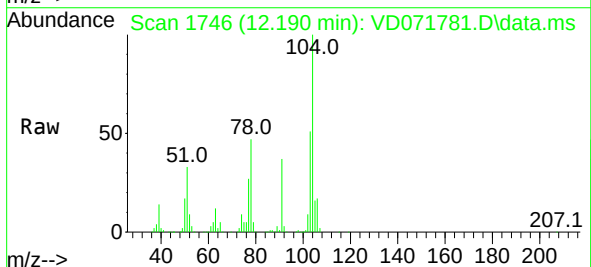
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

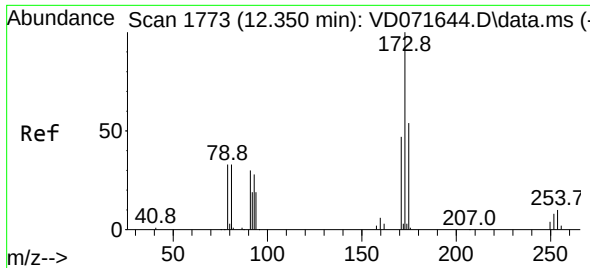
Tgt Ion:106 Resp: 266936
Ion Ratio Lower Upper
106 100
91 221.8 110.9 332.9



#70
Styrene
Concen: 48.062 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion:104 Resp: 480329
Ion Ratio Lower Upper
104 100
78 52.8 42.8 64.2
103 55.2 43.6 65.4

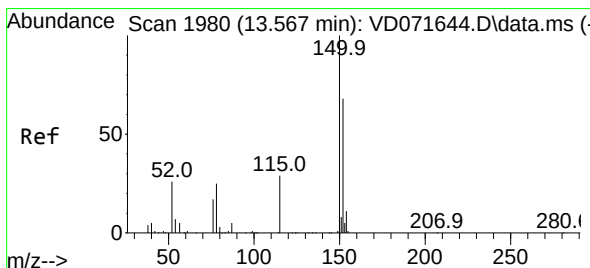
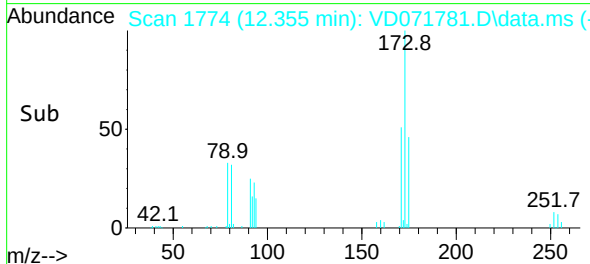
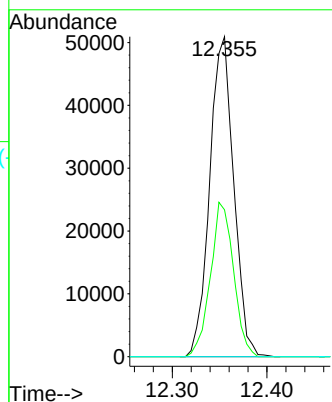
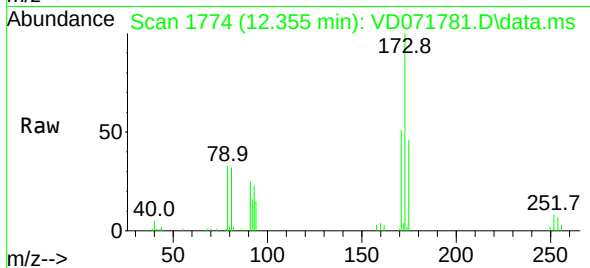




#71
Bromoform
Concen: 53.835 ug/l
RT: 12.355 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

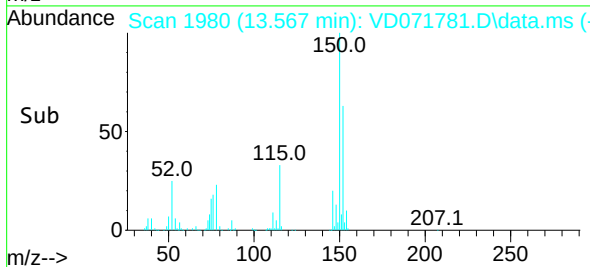
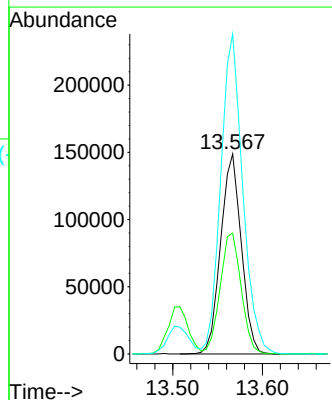
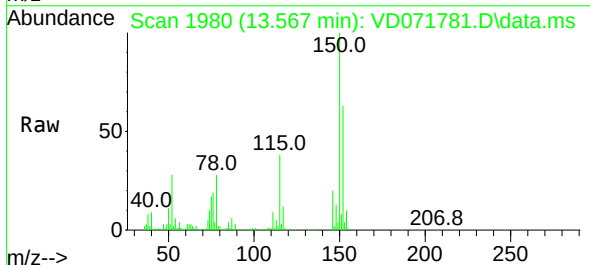
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

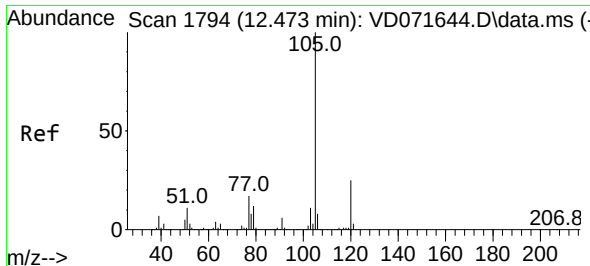
Tgt Ion:173 Resp: 89924
Ion Ratio Lower Upper
173 100
175 46.4 24.4 73.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion:152 Resp: 237660
Ion Ratio Lower Upper
152 100
115 61.7 31.5 94.5
150 170.4 0.0 348.0

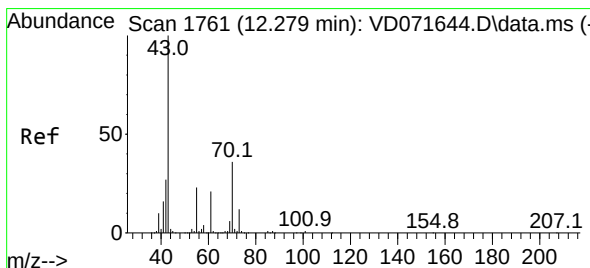
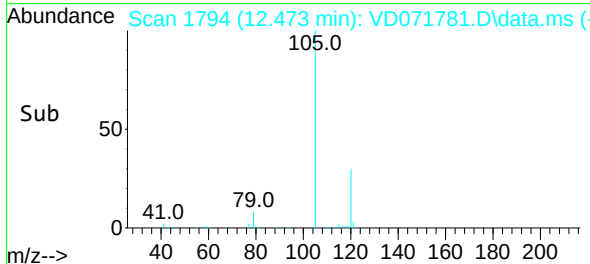
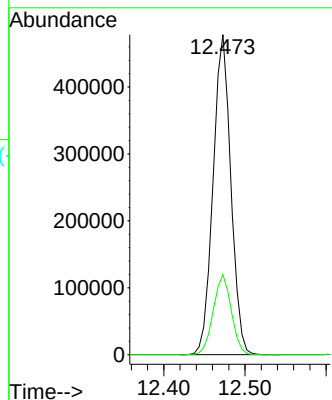
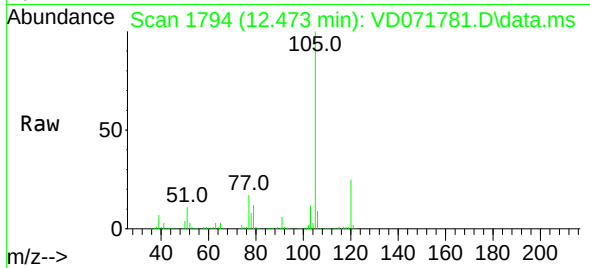




#73
Isopropylbenzene
Concen: 42.596 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

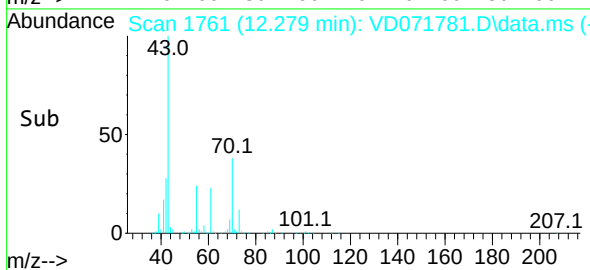
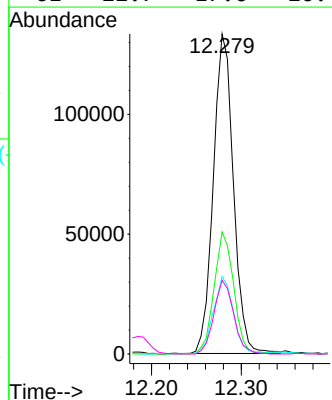
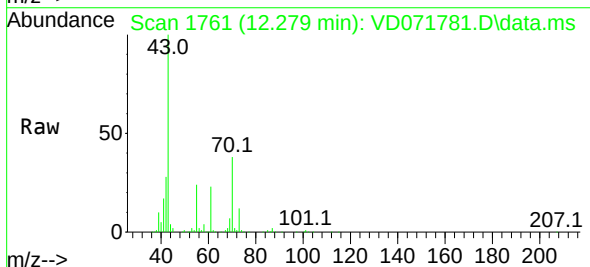
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

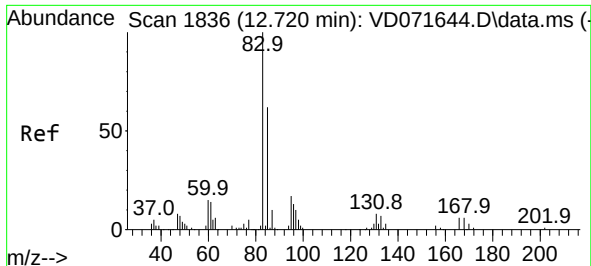
Tgt Ion:105 Resp: 727494
Ion Ratio Lower Upper
105 100
120 25.3 12.5 37.5



#74
N-ethyl acetate
Concen: 49.522 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.001 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 43 Resp: 207468
Ion Ratio Lower Upper
43 100
70 37.3 29.5 44.3
55 24.0 19.1 28.7
61 22.7 17.6 26.4

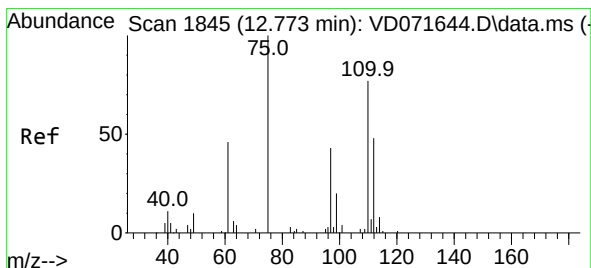
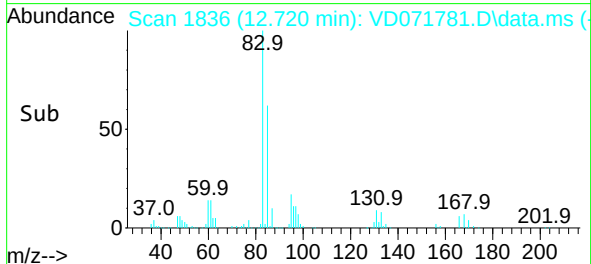
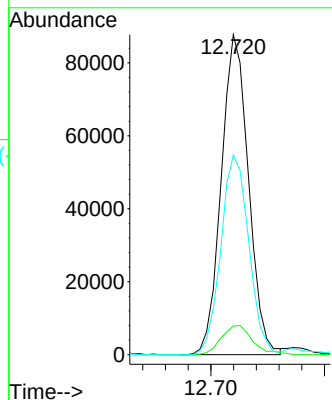
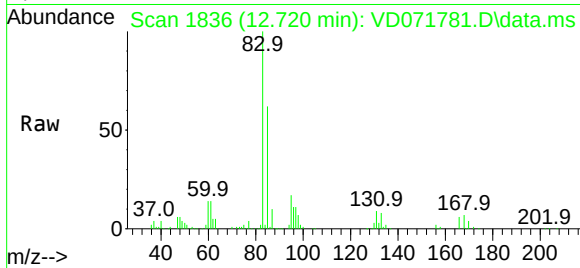




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.207 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

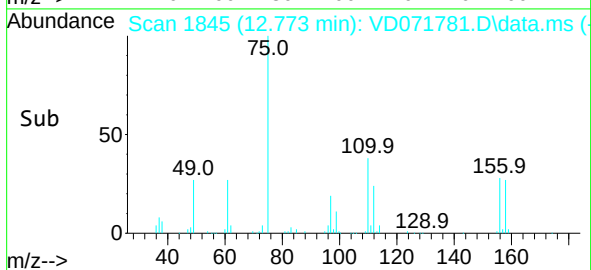
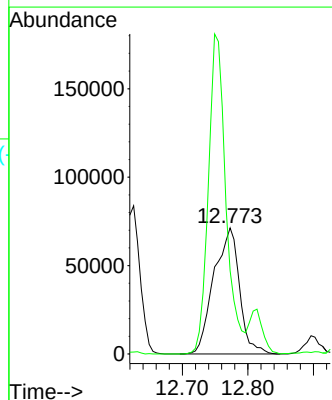
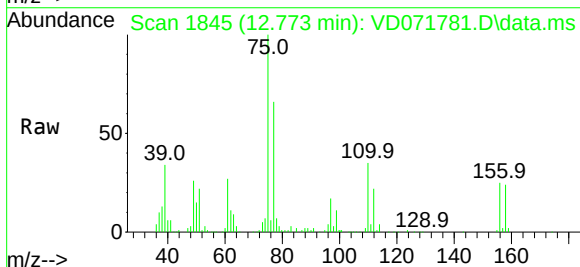
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

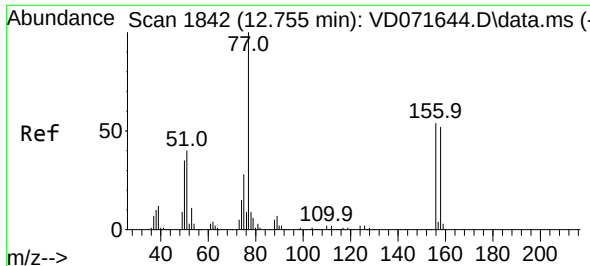
Tgt Ion: 83 Resp: 145895
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 64.2 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 84.153 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

Tgt Ion: 75 Resp: 193254
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

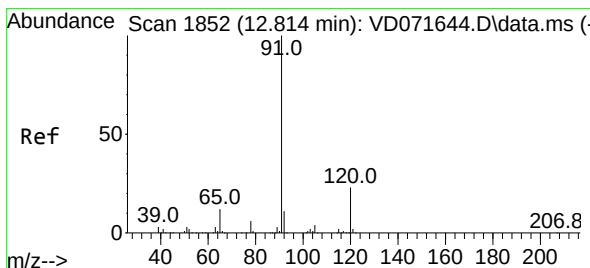
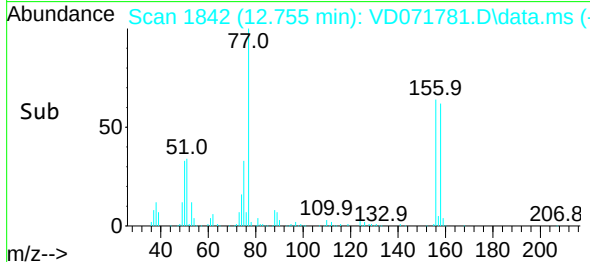
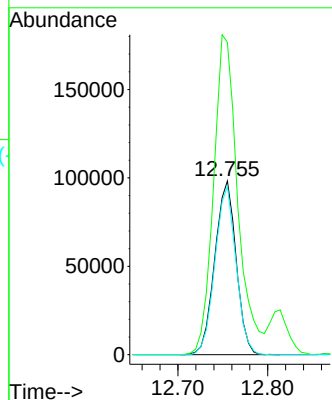
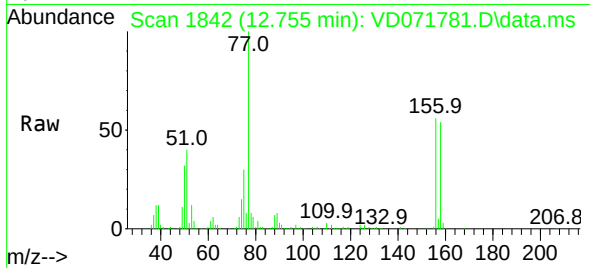




#77
Bromobenzene
Concen: 43.878 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

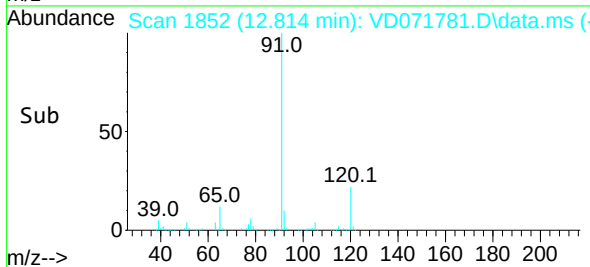
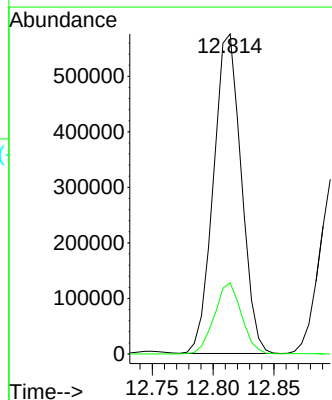
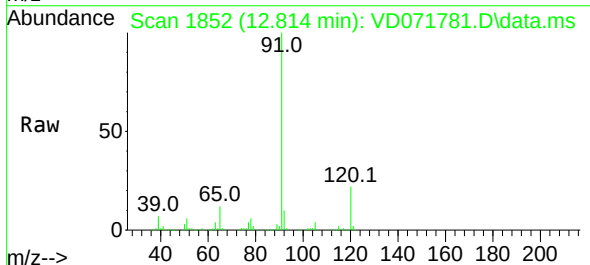
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

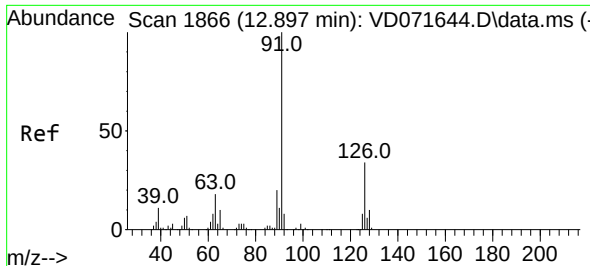
Tgt Ion:156 Resp: 161874
Ion Ratio Lower Upper
156 100
77 209.2 101.4 304.2
158 95.7 46.8 140.3



#78
n-propylbenzene
Concen: 42.577 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 91 Resp: 914543
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.7

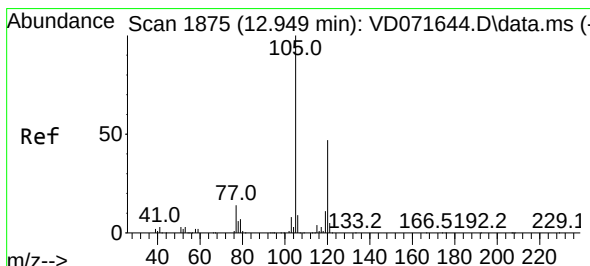
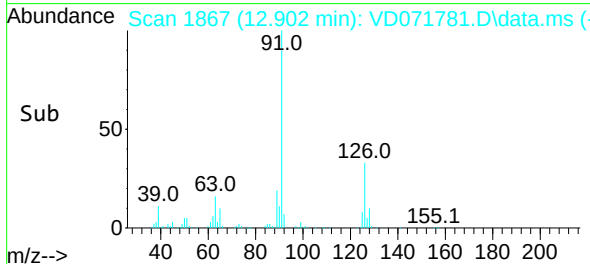
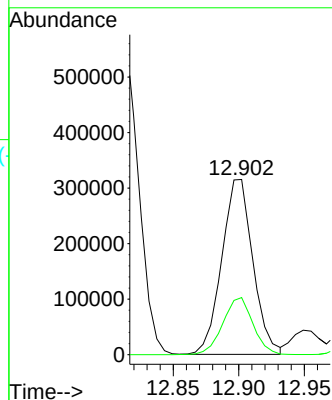
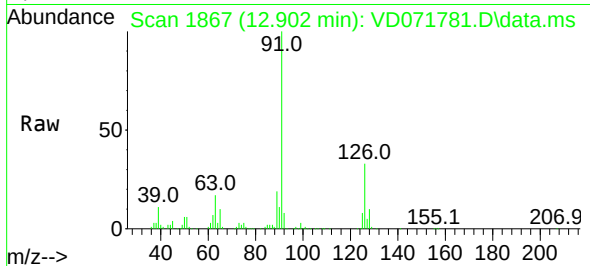




#79
2-Chlorotoluene
Concen: 43.042 ug/l
RT: 12.902 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

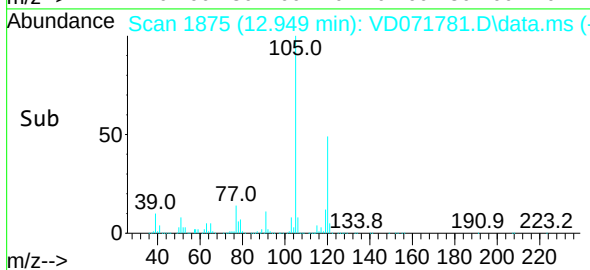
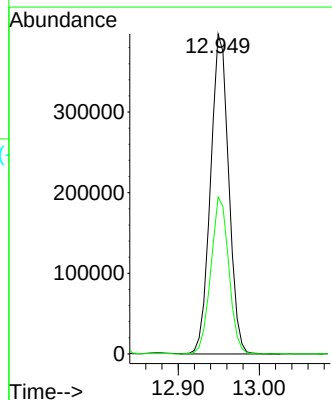
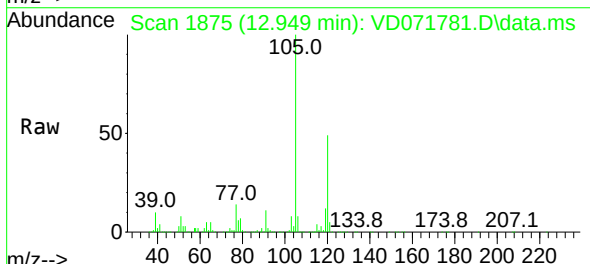
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

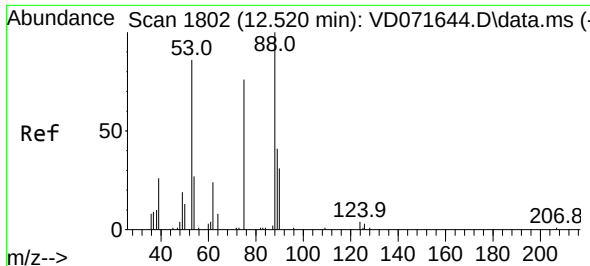
Tgt Ion: 91 Resp: 521075
Ion Ratio Lower Upper
91 100
126 31.7 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 43.199 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 105 Resp: 616457
Ion Ratio Lower Upper
105 100
120 48.5 24.2 72.6

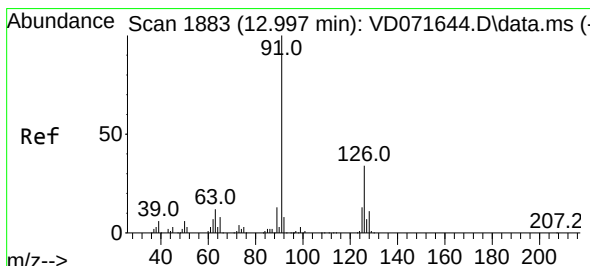
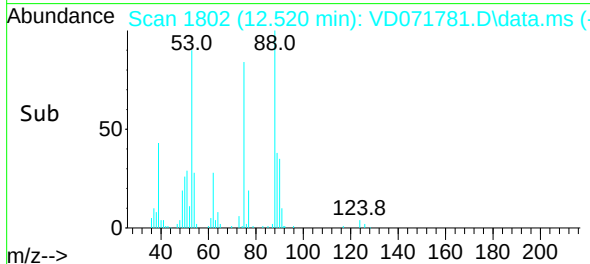
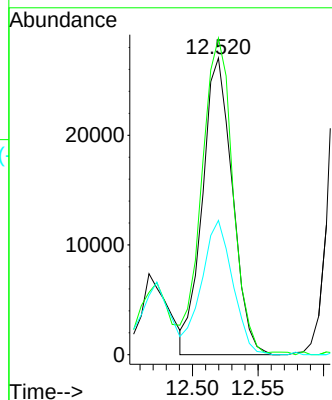
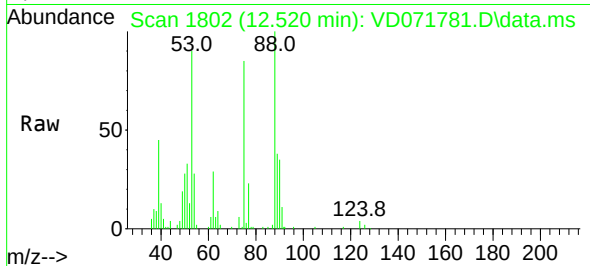




#81
trans-1,4-Dichloro-2-butene
Concen: 52.244 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

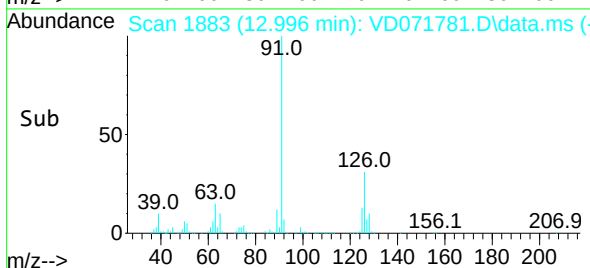
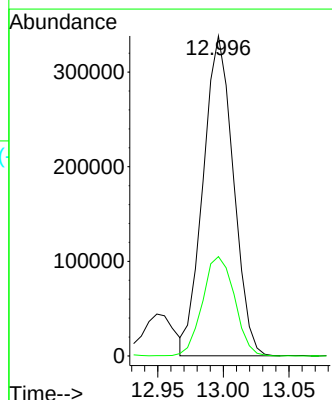
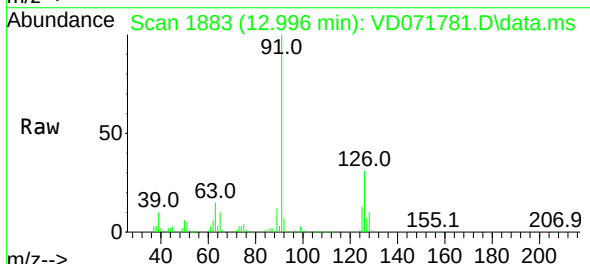
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

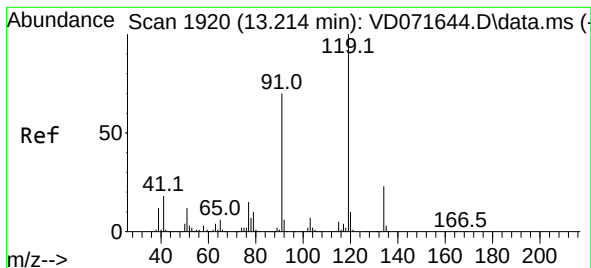
Tgt Ion: 75 Resp: 43035
Ion Ratio Lower Upper
75 100
53 110.6 95.4 143.0
89 47.2 37.2 55.8



#82
4-Chlorotoluene
Concen: 43.201 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 91 Resp: 542596
Ion Ratio Lower Upper
91 100
126 32.9 16.1 48.3





#83

tert-Butylbenzene

Concen: 42.802 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. -0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

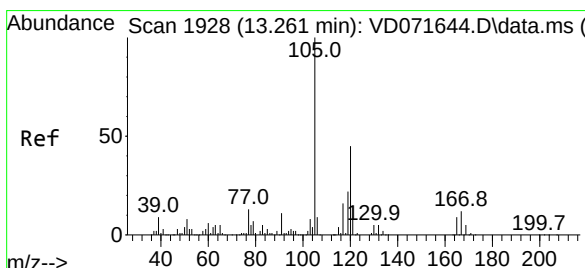
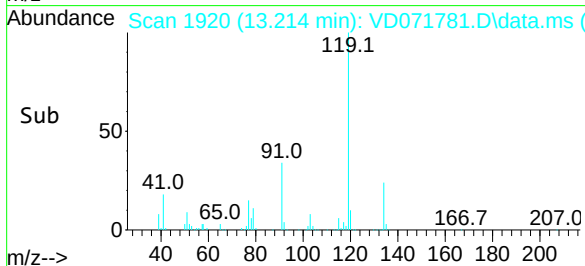
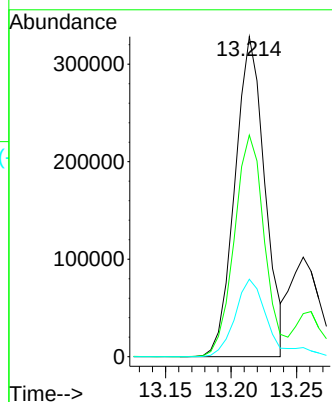
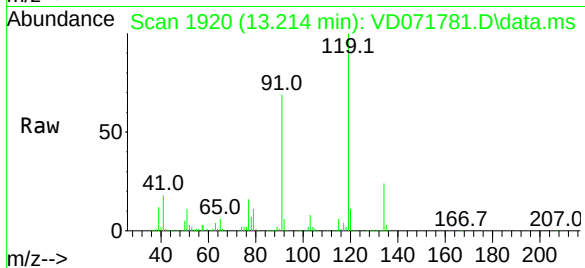
Tgt Ion:119 Resp: 521911

Ion Ratio Lower Upper

119 100

91 70.2 35.6 106.8

134 26.7 13.5 40.5



#84

1,2,4-Trimethylbenzene

Concen: 44.206 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. -0.000 min

Lab File: VD071781.D

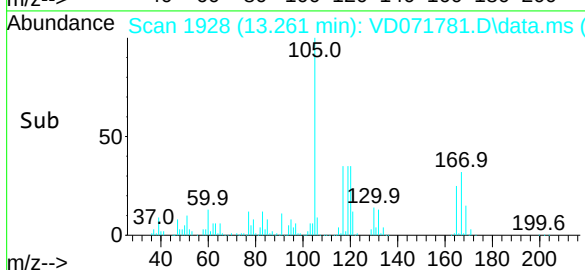
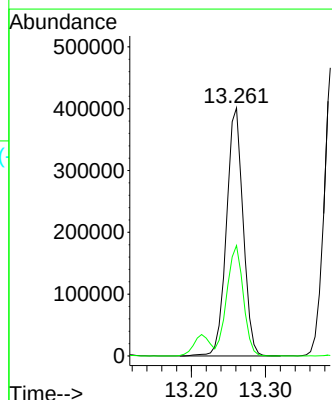
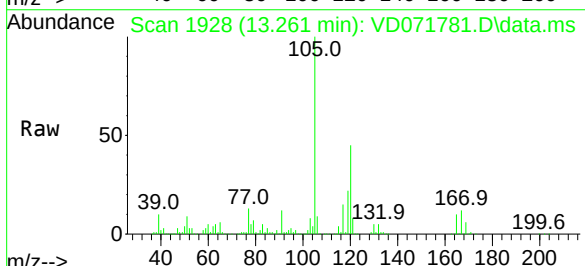
Acq: 24 Jan 2022 17:00

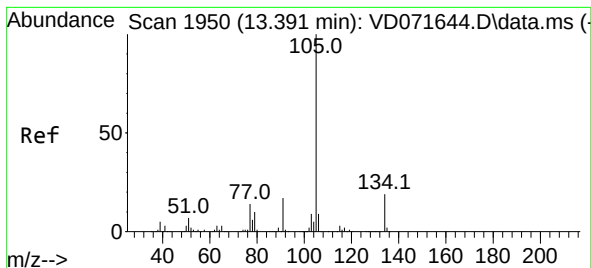
Tgt Ion:105 Resp: 623837

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 42.774 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

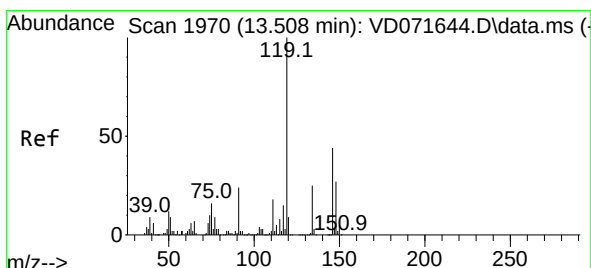
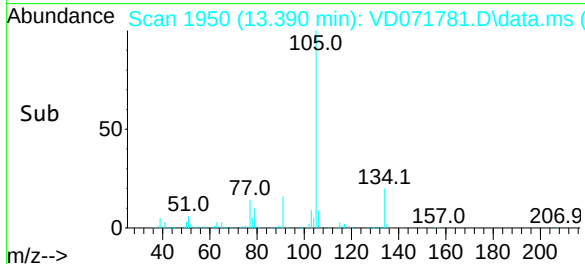
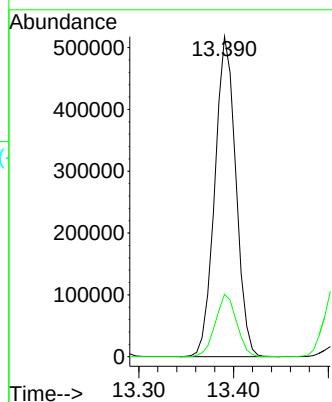
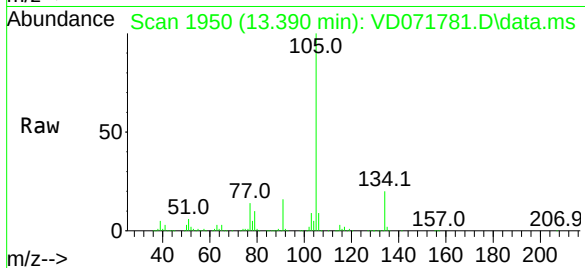
VSTDCCC050EC

Tgt Ion:105 Resp: 798861

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 43.391 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. -0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

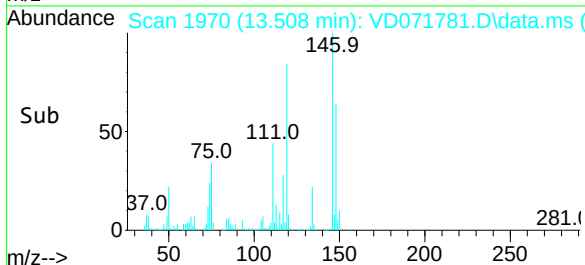
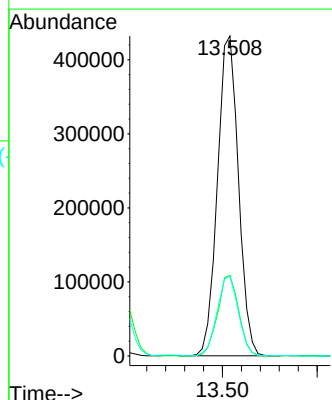
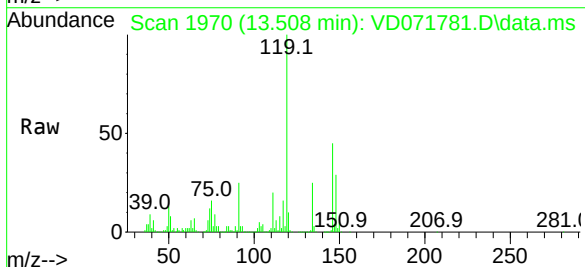
Tgt Ion:119 Resp: 665354

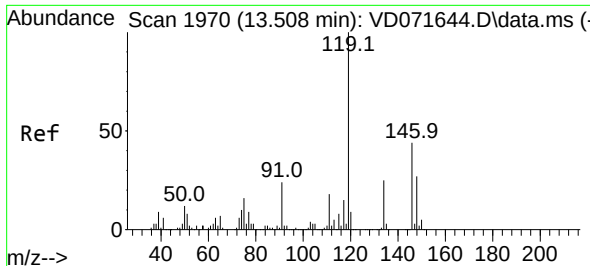
Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 25.1 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 44.463 ug/l

RT: 13.502 min Scan# 1970

Delta R.T. -0.006 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

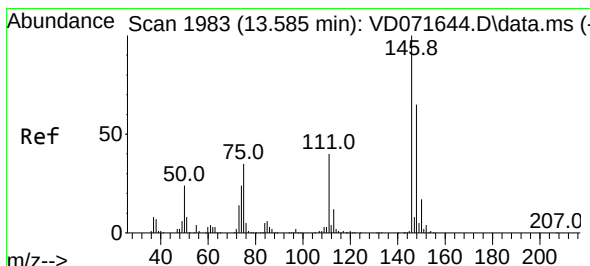
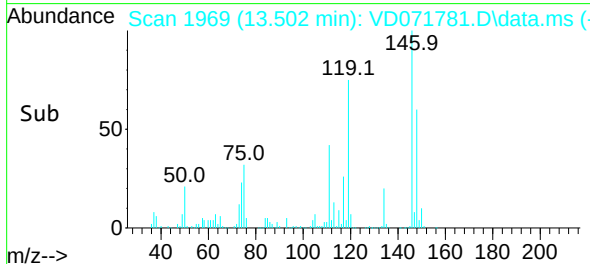
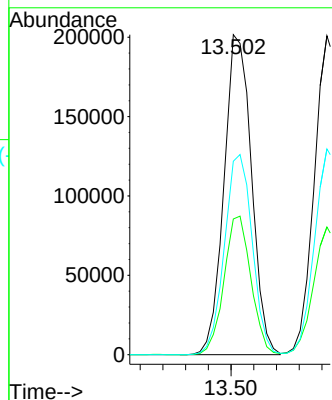
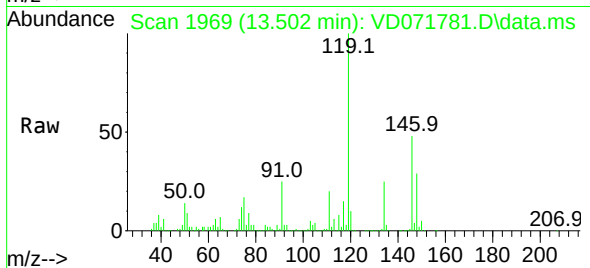
Tgt Ion:146 Resp: 338516

Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.5

148 63.5 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 42.769 ug/l

RT: 13.584 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

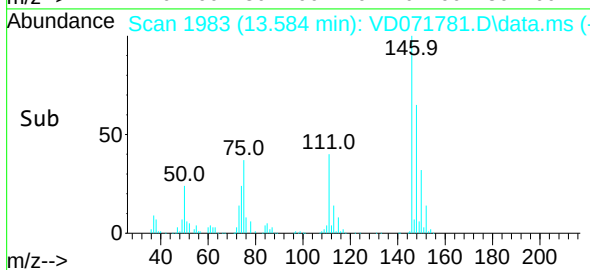
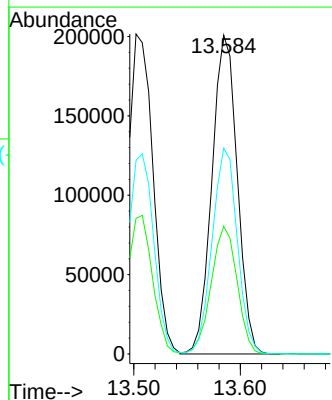
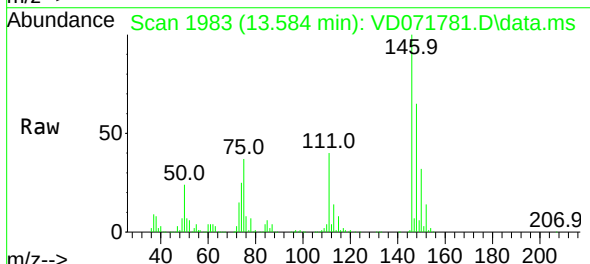
Tgt Ion:146 Resp: 332193

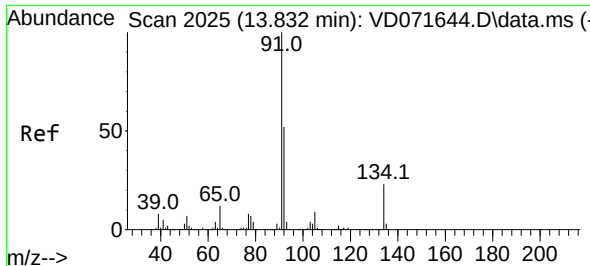
Ion Ratio Lower Upper

146 100

111 41.0 20.7 62.1

148 64.2 32.3 96.9

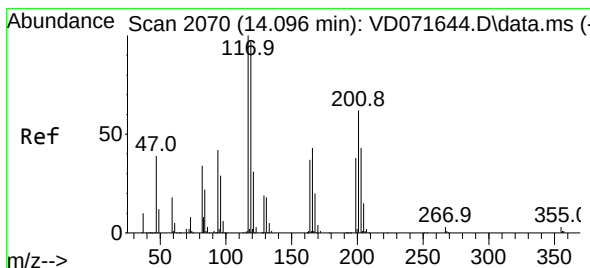
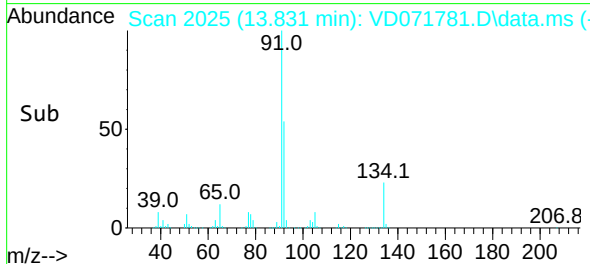
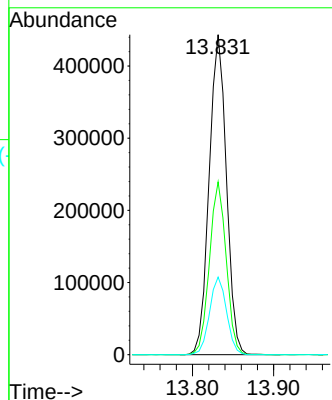
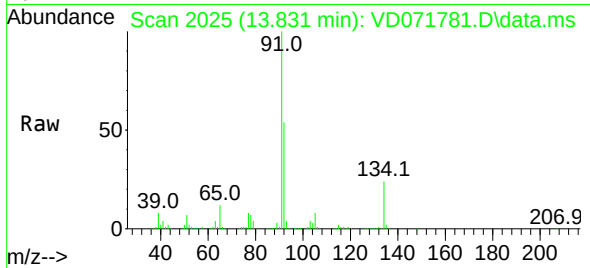




#89
n-Butylbenzene
Concen: 42.506 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

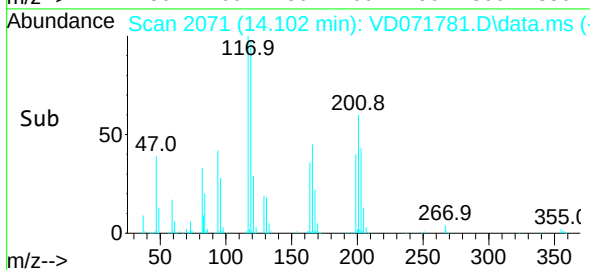
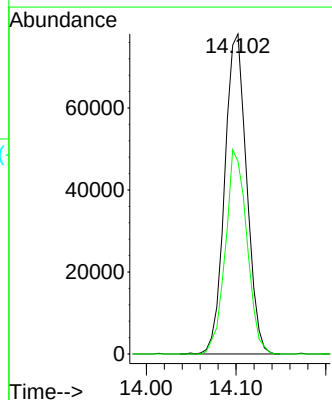
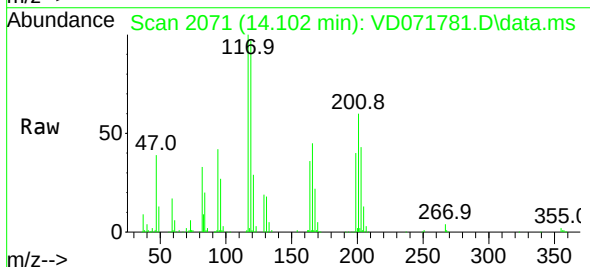
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

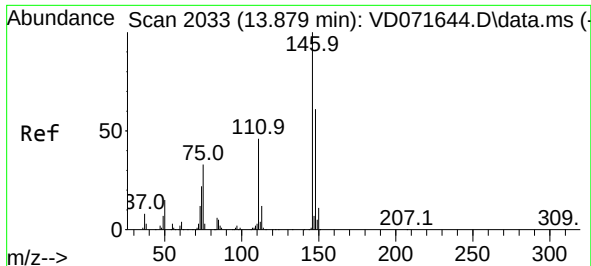
Tgt Ion: 91 Resp: 652726
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 23.9 12.1 36.3



#90
Hexachloroethane
Concen: 43.514 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion: 117 Resp: 132010
Ion Ratio Lower Upper
117 100
201 62.9 32.1 96.5

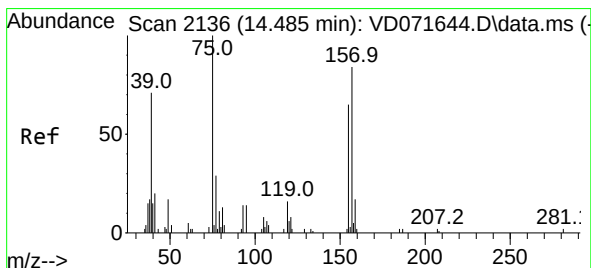
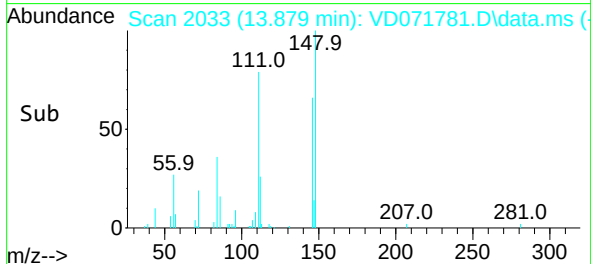
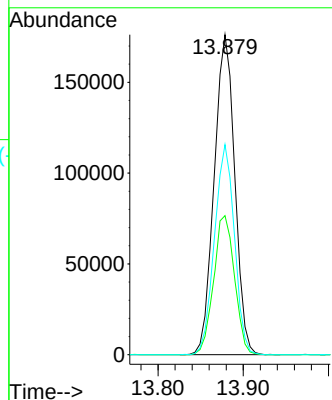
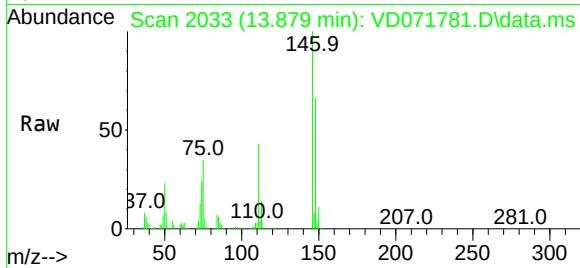




#91
 1,2-Dichlorobenzene
 Concen: 45.431 ug/l
 RT: 13.879 min Scan# 2033
 Delta R.T. 0.001 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

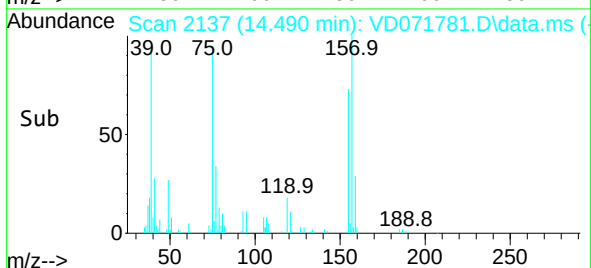
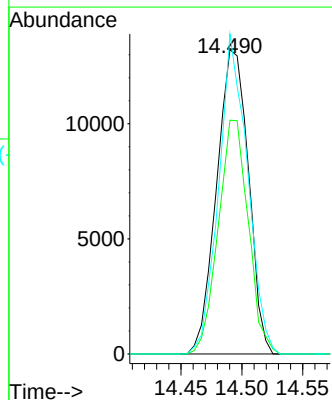
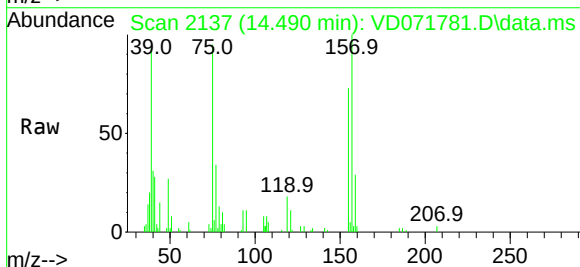
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

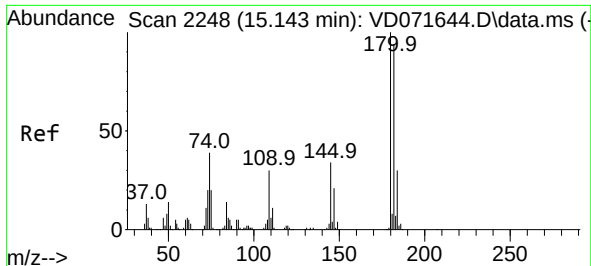
Tgt Ion:146 Resp: 296435
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.8 65.3
 148 63.7 31.3 93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.434 ug/l
 RT: 14.490 min Scan# 2137
 Delta R.T. 0.000 min
 Lab File: VD071781.D
 Acq: 24 Jan 2022 17:00

Tgt Ion: 75 Resp: 24046
 Ion Ratio Lower Upper
 75 100
 155 72.4 35.4 106.1
 157 95.2 44.9 134.5

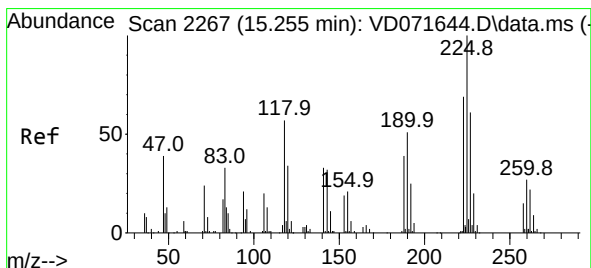
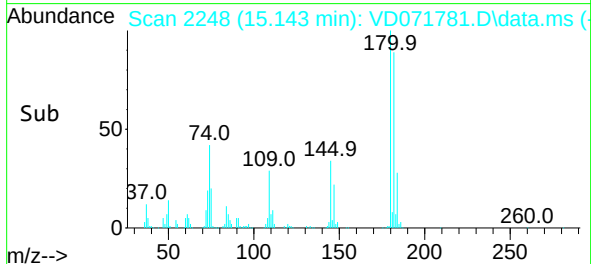
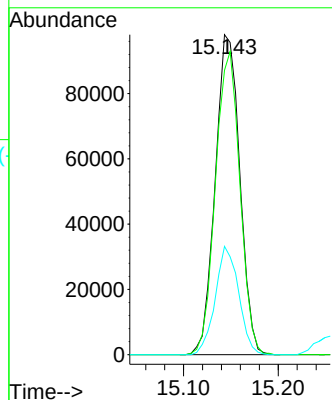
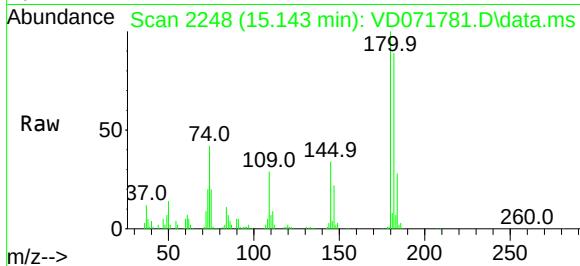




#93
1,2,4-Trichlorobenzene
Concen: 47.073 ug/l
RT: 15.143 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

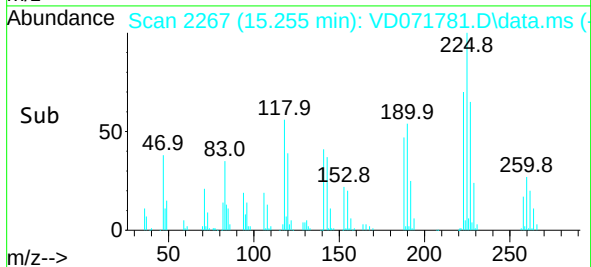
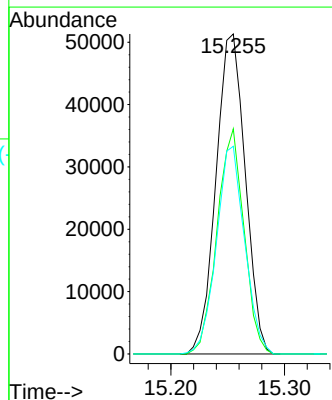
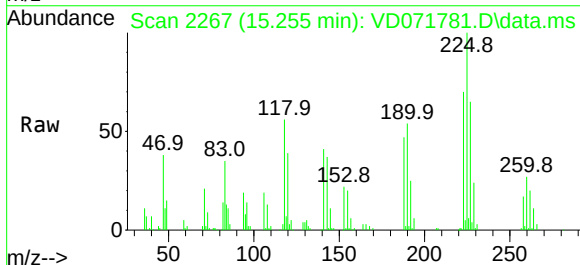
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

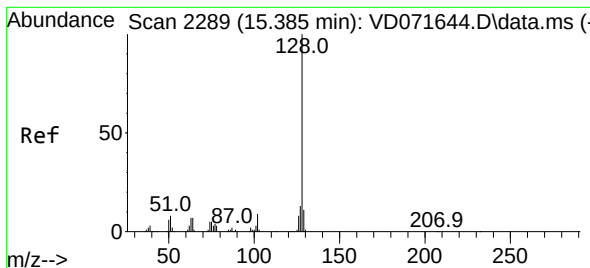
Tgt Ion:180 Resp: 177013
Ion Ratio Lower Upper
180 100
182 94.2 47.5 142.5
145 32.3 16.4 49.4



#94
Hexachlorobutadiene
Concen: 41.708 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.006 min
Lab File: VD071781.D
Acq: 24 Jan 2022 17:00

Tgt Ion:225 Resp: 91944
Ion Ratio Lower Upper
225 100
223 64.6 31.3 93.9
227 62.6 31.4 94.3





#95

Naphthalene

Concen: 51.145 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

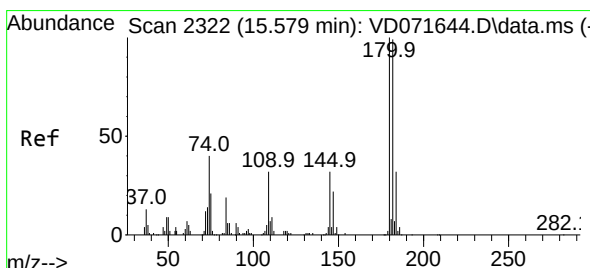
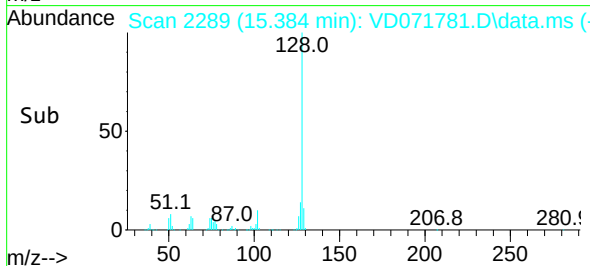
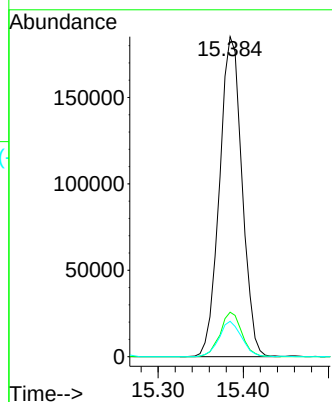
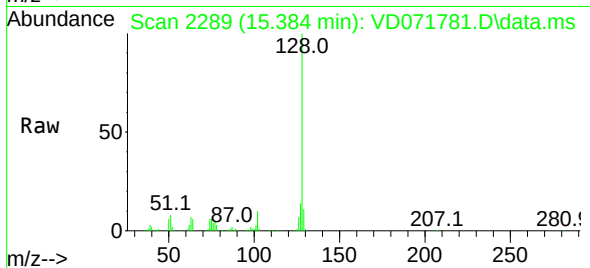
Tgt Ion:128 Resp: 340515

Ion Ratio Lower Upper

128 100

127 13.4 10.9 16.3

129 11.1 9.1 13.7



#96

1,2,3-Trichlorobenzene

Concen: 48.096 ug/l

RT: 15.578 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD071781.D

Acq: 24 Jan 2022 17:00

Tgt Ion:180 Resp: 154111

Ion Ratio Lower Upper

180 100

182 92.7 47.0 141.2

145 34.2 16.4 49.2

