

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041822\
 Data File : VD072591.D
 Acq On : 18 Apr 2022 11:43
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 02:48:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	358967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	546706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	524721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	279586	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	196590	45.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.540%
35) Dibromofluoromethane	7.914	113	215077	50.622	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.240%
50) Toluene-d8	10.332	98	746522	50.548	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.620	95	295183	51.178	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	130578	45.835	ug/l	96
3) Chloromethane	2.209	50	124552	47.267	ug/l	97
4) Vinyl Chloride	2.350	62	134422	44.489	ug/l	98
5) Bromomethane	2.768	94	98537	48.528	ug/l	98
6) Chloroethane	2.921	64	94753	48.822	ug/l	98
7) Trichlorofluoromethane	3.273	101	307893	49.792	ug/l	95
8) Diethyl Ether	3.709	74	87800	47.779	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.097	101	203494	49.344	ug/l	96
10) Methyl Iodide	4.303	142	149300	39.672	ug/l	100
11) Tert butyl alcohol	5.220	59	61190	266.834	ug/l	99
12) 1,1-Dichloroethene	4.068	96	157894	48.972	ug/l	88
13) Acrolein	3.926	56	11041	108.497	ug/l	89
14) Allyl chloride	4.720	41	231515	41.097	ug/l #	90
15) Acrylonitrile	5.415	53	221250	240.751	ug/l	98
16) Acetone	4.156	43	192227	237.401	ug/l #	85
17) Carbon Disulfide	4.415	76	317521	45.801	ug/l	98
18) Methyl Acetate	4.720	43	95929	42.053	ug/l #	88
19) Methyl tert-butyl Ether	5.473	73	461137	49.002	ug/l	97
20) Methylene Chloride	4.968	84	208246	43.201	ug/l	84
21) trans-1,2-Dichloroethene	5.473	96	186974	47.549	ug/l	87
22) Diisopropyl ether	6.362	45	612122	47.254	ug/l	93
23) Vinyl Acetate	6.303	43	1631637	234.580	ug/l #	91
24) 1,1-Dichloroethane	6.267	63	373008	47.786	ug/l	96
25) 2-Butanone	7.209	43	268513	239.774	ug/l #	82
26) 2,2-Dichloropropane	7.203	77	345205	49.789	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	235925	48.194	ug/l	89
28) Bromochloromethane	7.538	49	154217	46.109	ug/l #	72
29) Tetrahydrofuran	7.561	42	169914	251.312	ug/l	89
30) Chloroform	7.709	83	424848	48.384	ug/l	99
31) Cyclohexane	7.979	56	271107	47.747	ug/l	87
32) 1,1,1-Trichloroethane	7.903	97	373158	50.105	ug/l	95
36) 1,1-Dichloropropene	8.108	75	273623	50.387	ug/l	96
37) Ethyl Acetate	7.291	43	117623	52.248	ug/l #	93
38) Carbon Tetrachloride	8.091	117	324300	55.405	ug/l	99
39) Methylcyclohexane	9.350	83	299150	47.465	ug/l	98
40) Benzene	8.350	78	805686	54.299	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	67651	51.372	ug/l #	85
42) 1,2-Dichloroethane	8.420	62	242320	53.430	ug/l	95
43) Isopropyl Acetate	8.450	43	229460	53.136	ug/l #	91
44) Trichloroethene	9.108	130	226214	53.700	ug/l	98
45) 1,2-Dichloropropane	9.379	63	216340	52.413	ug/l	95
46) Dibromomethane	9.467	93	121385	56.053	ug/l	94
47) Bromodichloromethane	9.655	83	334636	53.788	ug/l	98
48) Methyl methacrylate	9.450	41	105876	50.501	ug/l #	76
49) 1,4-Dioxane	9.456	88	28217	1095.373	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	633060	273.211	ug/l	90
52) Toluene	10.397	92	545182	55.307	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	297338	54.846	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	341986	53.354	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	182909	55.713	ug/l	99
56) Ethyl methacrylate	10.655	69	207217	51.301	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	300654	55.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	437544	269.949	ug/l	91
59) 2-Hexanone	10.973	43	447742	284.158	ug/l	91
60) Dibromochloromethane	11.132	129	236757	55.906	ug/l	96
61) 1,2-Dibromoethane	11.238	107	167915	57.606	ug/l	98
64) Tetrachloroethene	10.867	164	188302	54.925	ug/l	95
65) Chlorobenzene	11.661	112	611575	52.131	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	246313	52.516	ug/l	99
67) Ethyl Benzene	11.738	91	1075501	52.540	ug/l	97
68) m/p-Xylenes	11.844	106	844073	108.689	ug/l	99
69) o-Xylene	12.167	106	396218	52.879	ug/l	98
70) Styrene	12.185	104	711558	53.884	ug/l	97
71) Bromoform	12.349	173	138591	55.739	ug/l #	100
73) Isopropylbenzene	12.467	105	1124117	49.785	ug/l	100
74) N-amyl acetate	12.279	43	229115	48.360	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	213538	49.929	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	261282	85.685	ug/l #	100
77) Bromobenzene	12.749	156	256718	50.725	ug/l	91
78) n-propylbenzene	12.808	91	1376177	50.522	ug/l	99
79) 2-Chlorotoluene	12.896	91	778335	48.860	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	953404	49.302	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	63974	51.480	ug/l	87
82) 4-Chlorotoluene	12.991	91	817967	49.303	ug/l	98
83) tert-Butylbenzene	13.208	119	846505	50.563	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	946129	50.033	ug/l	99
85) sec-Butylbenzene	13.391	105	1259172	49.933	ug/l	99
86) p-Isopropyltoluene	13.502	119	1036166	50.270	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	528826	50.427	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	512644	48.502	ug/l	98
89) n-Butylbenzene	13.832	91	978421	49.829	ug/l	99
90) Hexachloroethane	14.096	117	206606	48.963	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	462366	49.988	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	35466	56.071	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	288264	50.279	ug/l	100
94) Hexachlorobutadiene	15.249	225	164012	51.071	ug/l	98
95) Naphthalene	15.379	128	540638	48.530	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	254112	50.783	ug/l	99

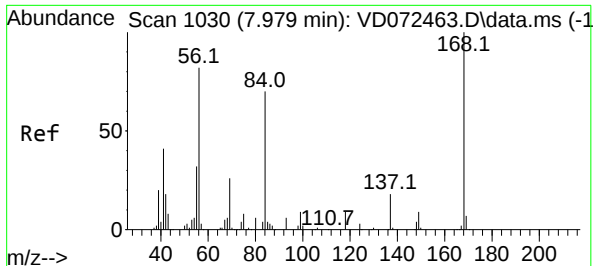
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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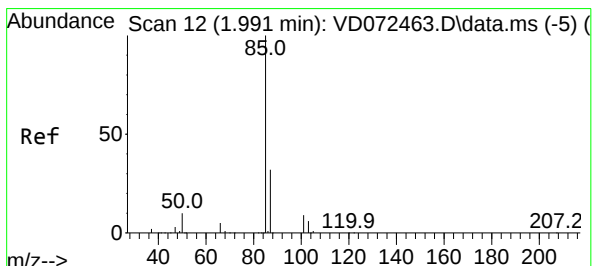
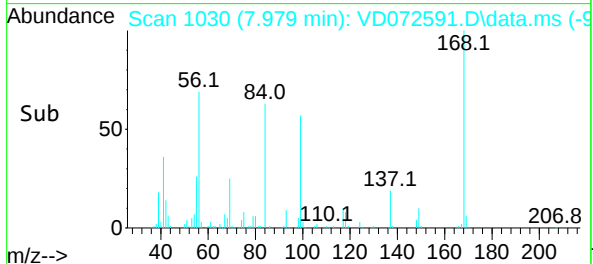
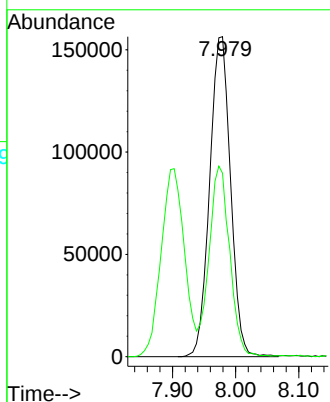
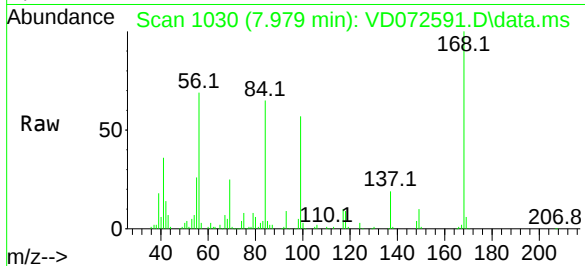
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

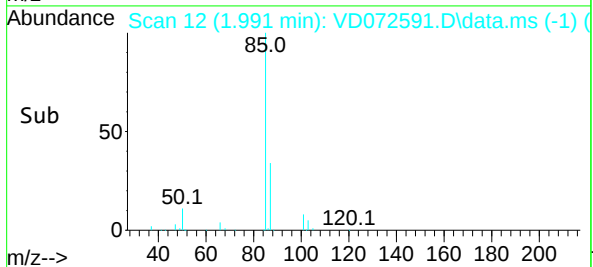
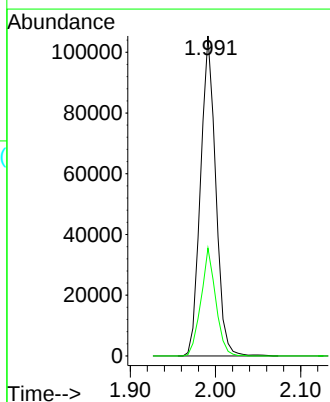
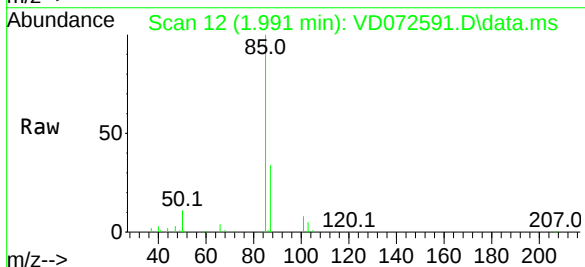
Instrument :
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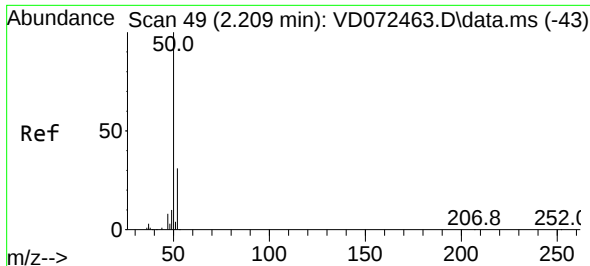
Tgt Ion:168 Resp: 358967
Ion Ratio Lower Upper
168 100
99 57.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 45.835 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 85 Resp: 130578
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0

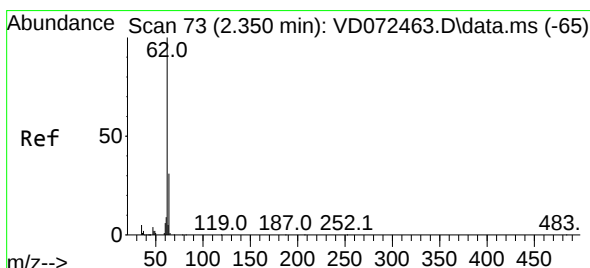
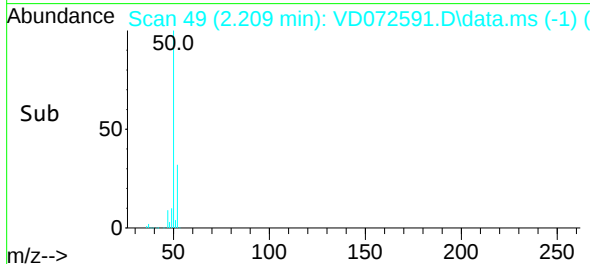
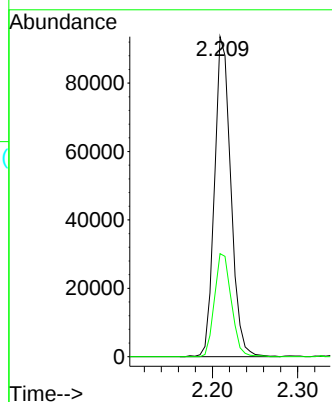
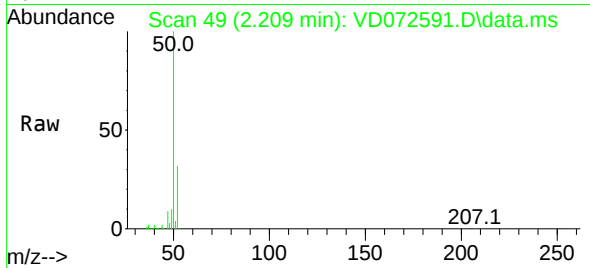




#3
Chloromethane
Concen: 47.267 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

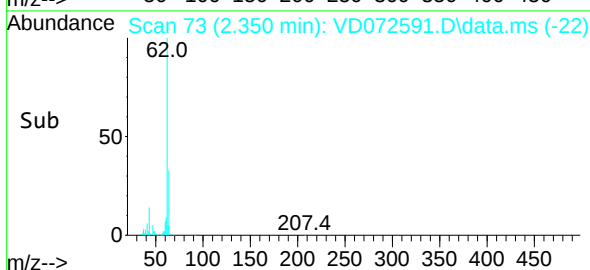
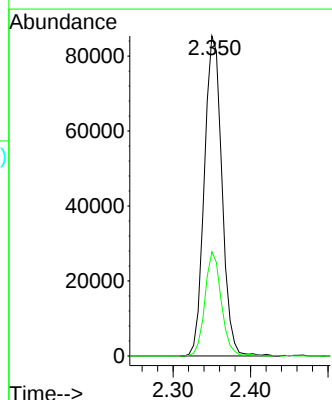
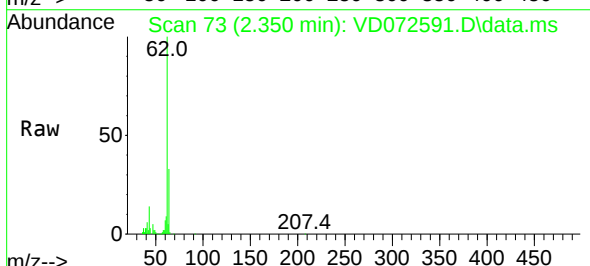
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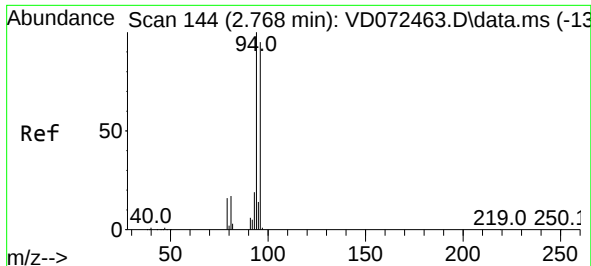
Tgt Ion: 50 Resp: 124552
Ion Ratio Lower Upper
50 100
52 32.2 27.4 41.0



#4
Vinyl Chloride
Concen: 44.489 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 62 Resp: 134422
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0

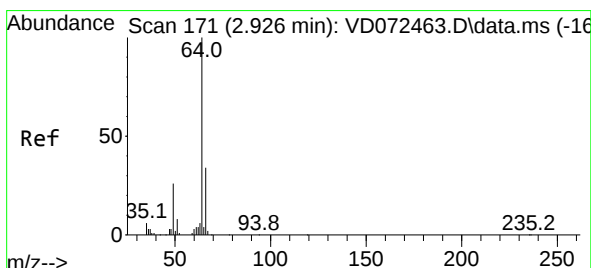
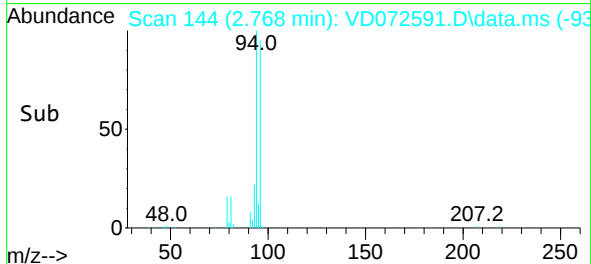
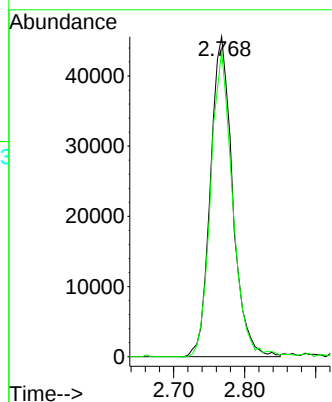
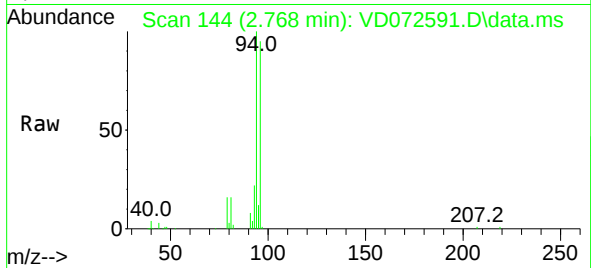




#5
Bromomethane
Concen: 48.528 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

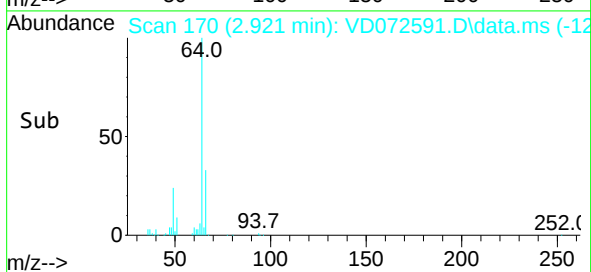
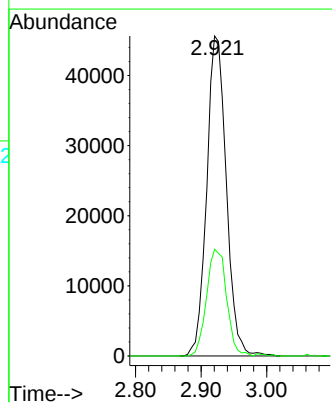
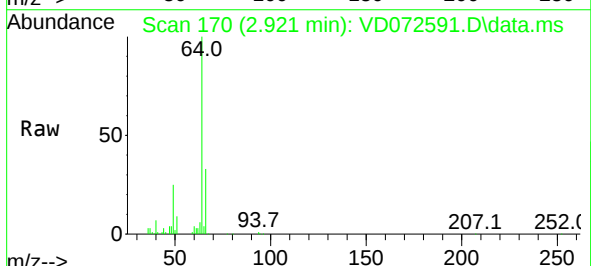
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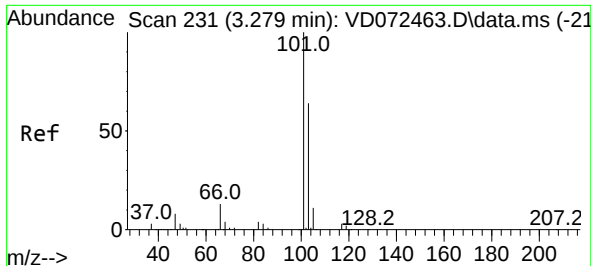
Tgt Ion: 94 Resp: 98537
Ion Ratio Lower Upper
94 100
96 95.5 77.6 116.4



#6
Chloroethane
Concen: 48.822 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 64 Resp: 94753
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9

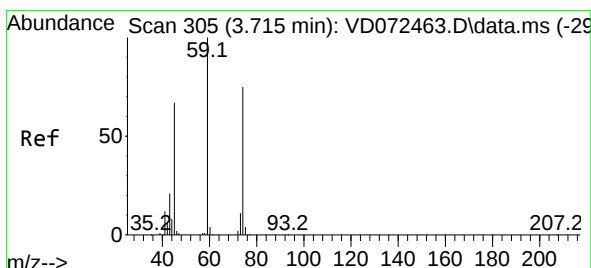
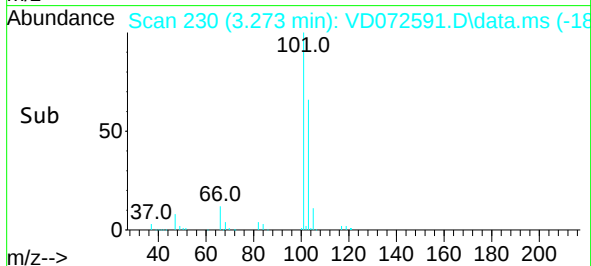
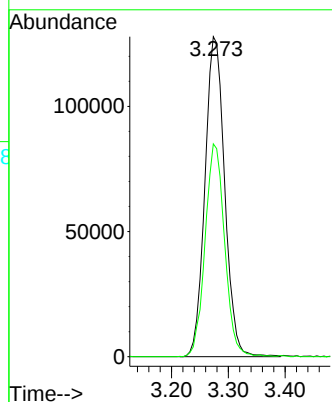
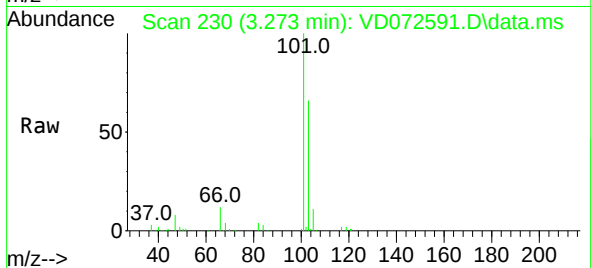




#7
Trichlorofluoromethane
Concen: 49.792 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

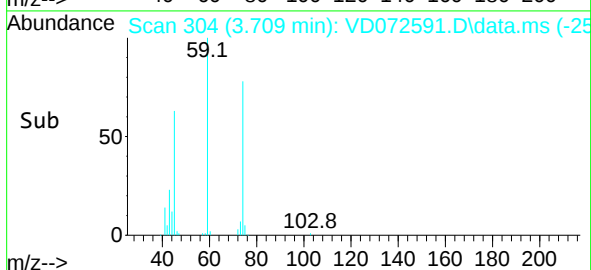
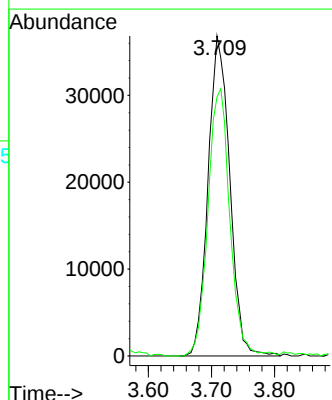
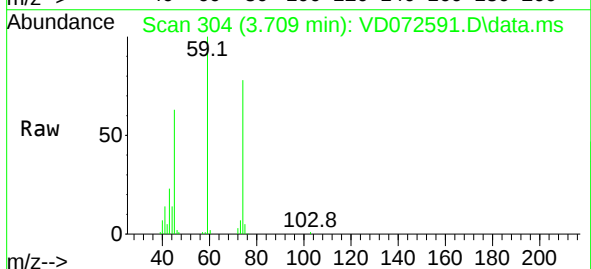
Instrument :
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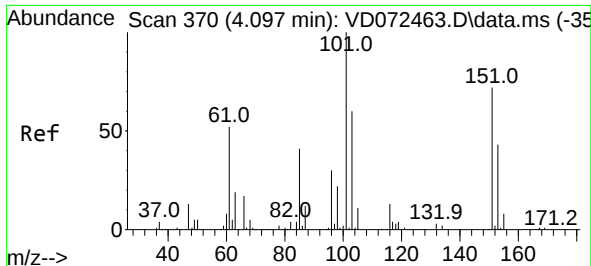
Tgt Ion:101 Resp: 307893
Ion Ratio Lower Upper
101 100
103 66.4 50.1 75.1



#8
Diethyl Ether
Concen: 47.779 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 74 Resp: 87800
Ion Ratio Lower Upper
74 100
45 84.6 52.6 157.8



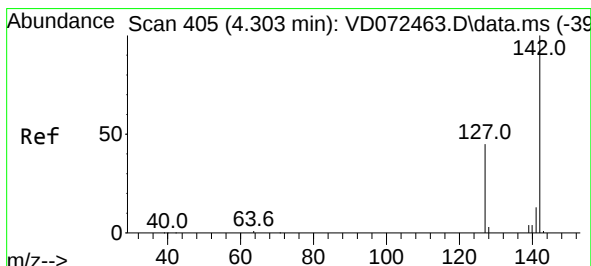
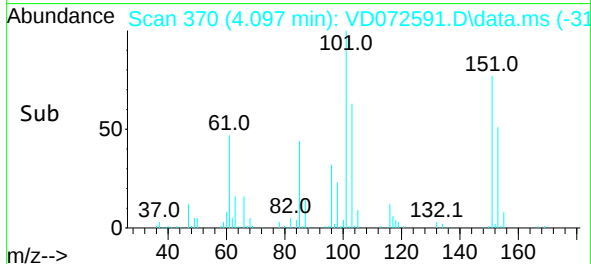
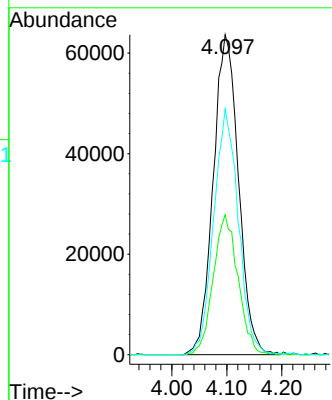
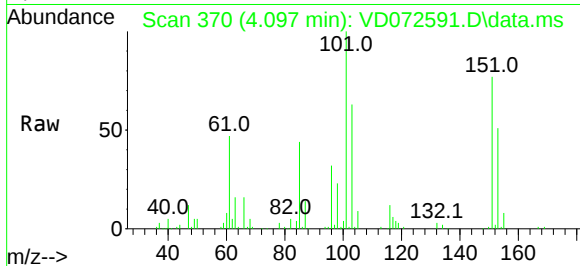


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 49.344 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD072591.D
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Instrument :
 MSVOA_D
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 VSTDCCC050

Tgt Ion:101 Resp: 203494

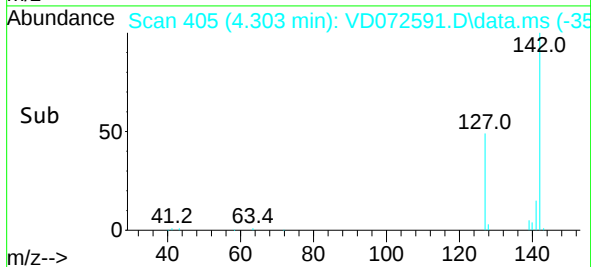
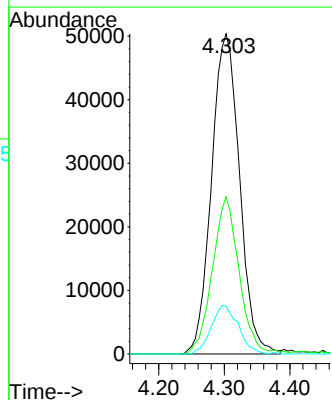
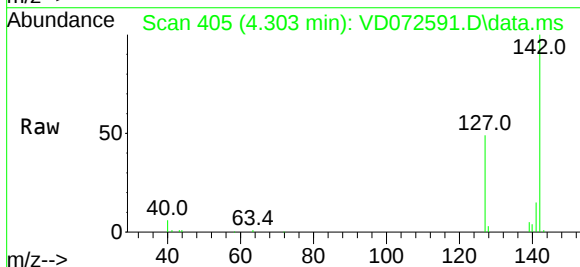
Ion	Ratio	Lower	Upper
101	100		
85	42.7	36.4	54.6
151	74.9	57.3	85.9

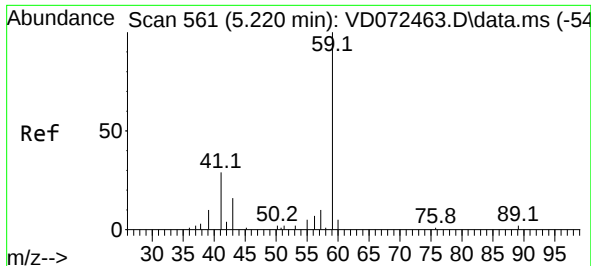


#10
 Methyl Iodide
 Concen: 39.672 ug/l
 RT: 4.303 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD072591.D
 Acq: 18 Apr 2022 11:43

Tgt Ion:142 Resp: 149300

Ion	Ratio	Lower	Upper
142	100		
127	46.8	37.3	55.9
141	14.6	11.7	17.5

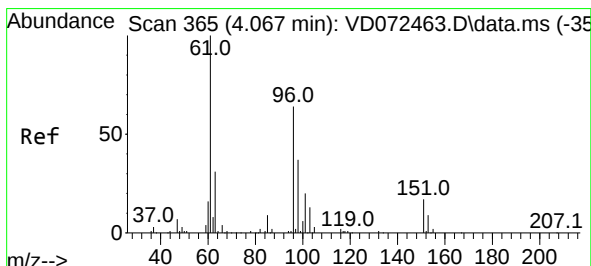
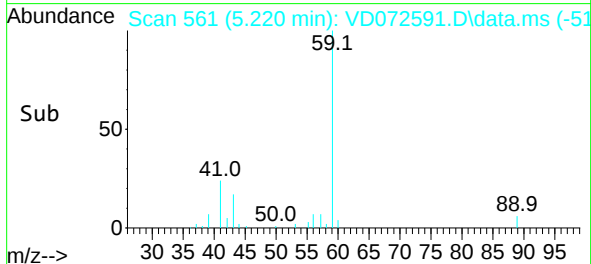
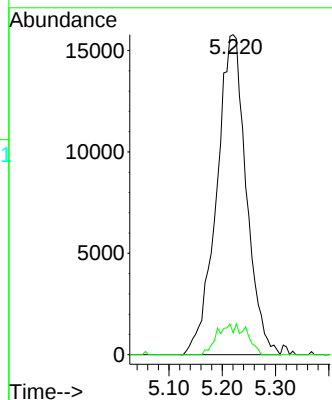
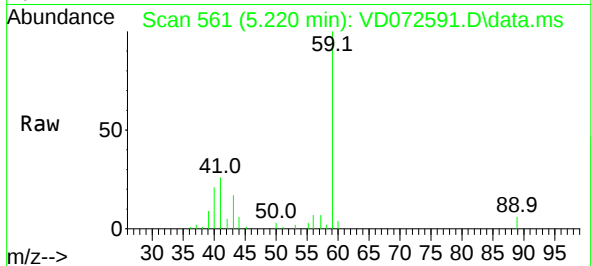




#11
Tert butyl alcohol
Concen: 266.834 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

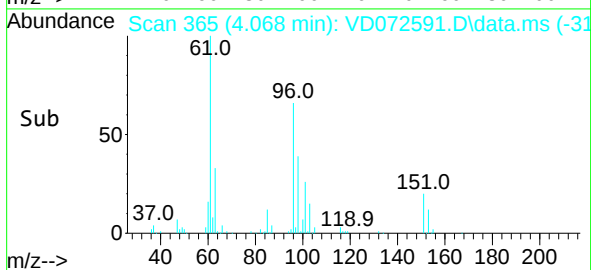
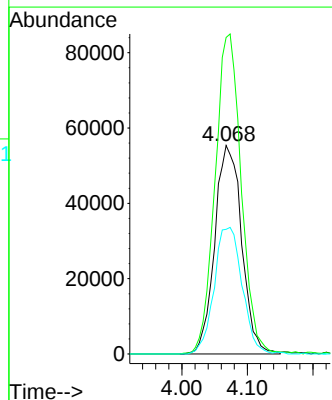
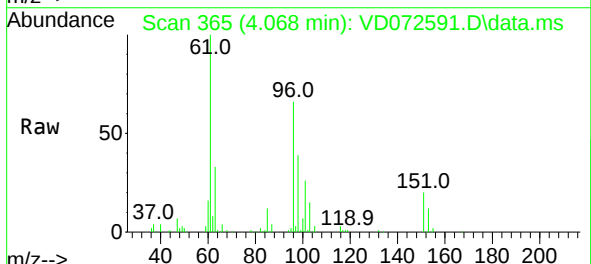
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

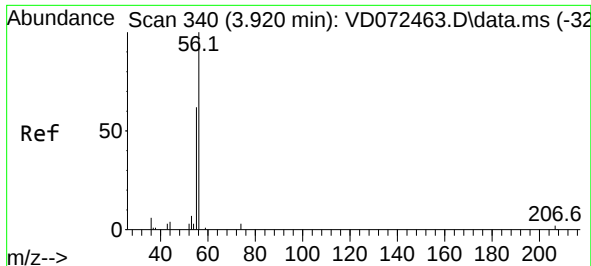
Tgt Ion: 59 Resp: 61190
Ion Ratio Lower Upper
59 100
57 9.5 7.8 11.6



#12
1,1-Dichloroethene
Concen: 48.972 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 96 Resp: 157894
Ion Ratio Lower Upper
96 100
61 151.8 138.5 207.7
98 59.7 48.6 73.0

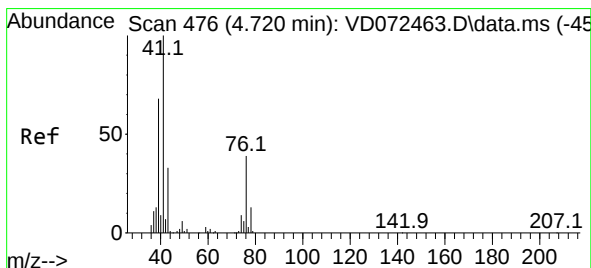
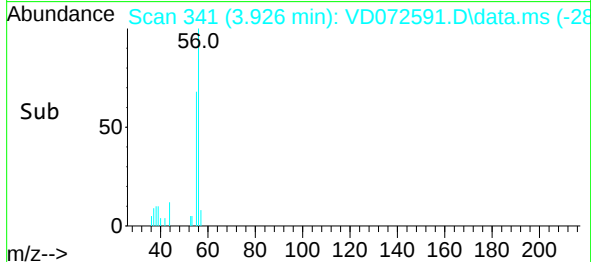
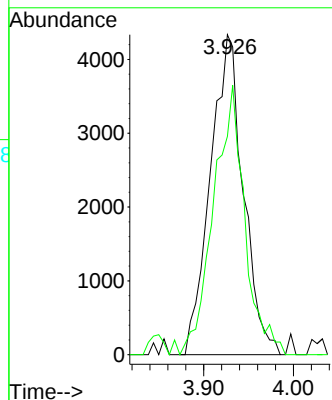
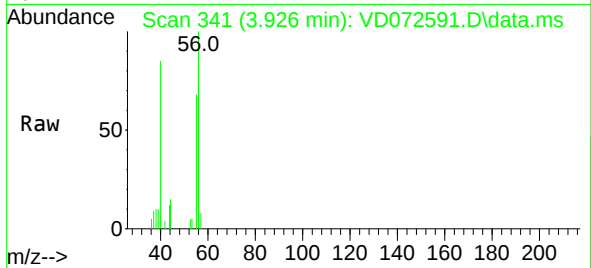




#13
Acrolein
Concen: 108.497 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

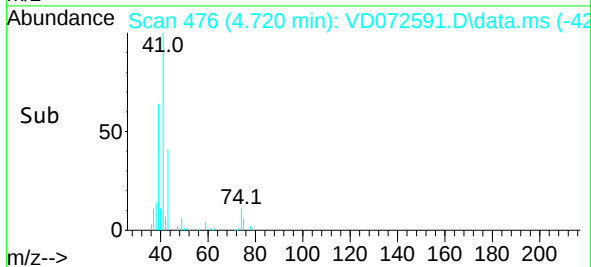
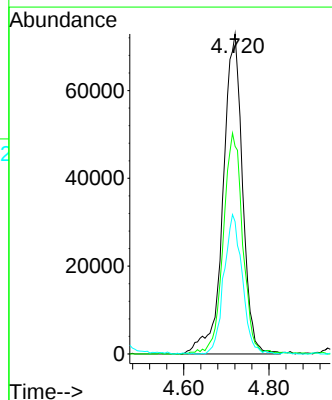
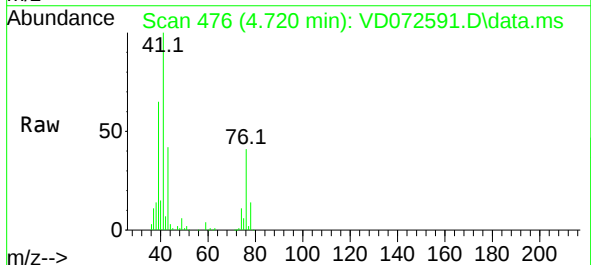
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

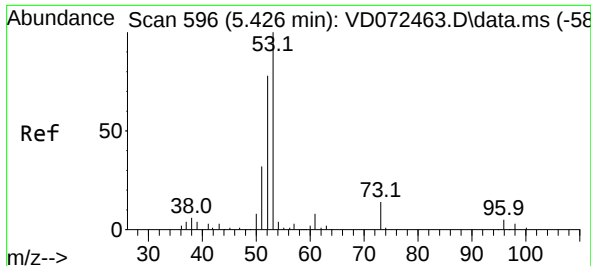
Tgt Ion: 56 Resp: 11041
Ion Ratio Lower Upper
56 100
55 80.2 57.1 85.7



#14
Allyl chloride
Concen: 41.097 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 41 Resp: 231515
Ion Ratio Lower Upper
41 100
39 68.1 59.3 88.9
76 41.0 25.7 38.5#

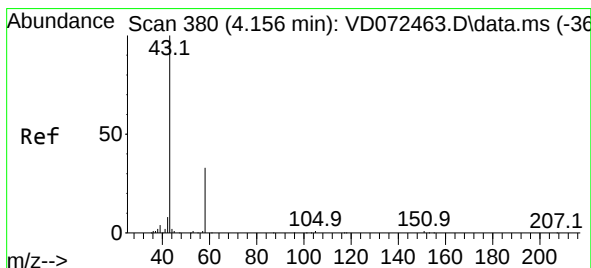
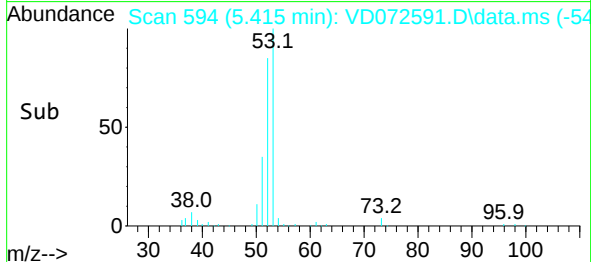
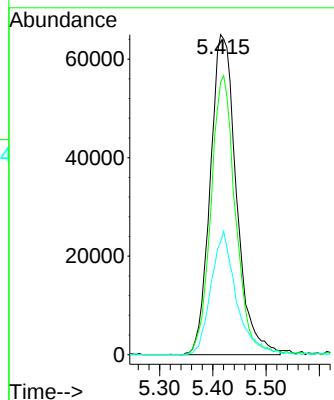
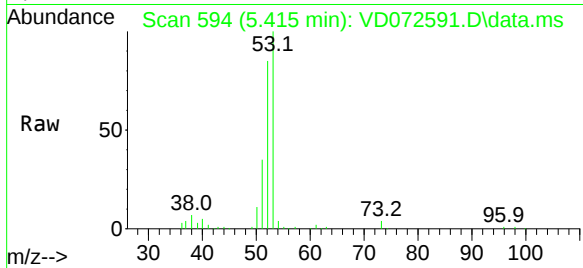




#15
Acrylonitrile
Concen: 240.751 ug/l
RT: 5.415 min Scan# 596
Delta R.T. -0.012 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

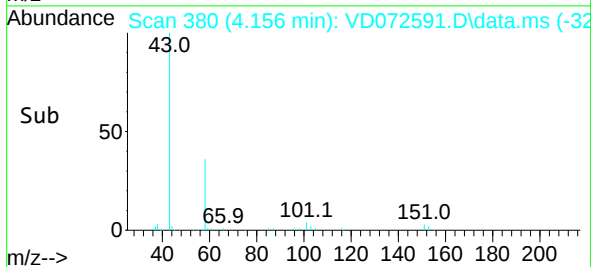
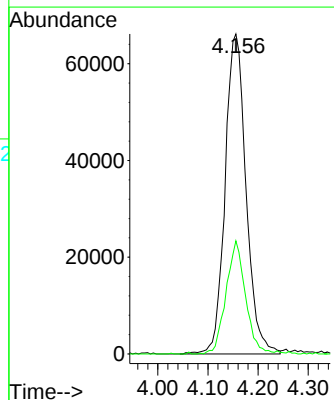
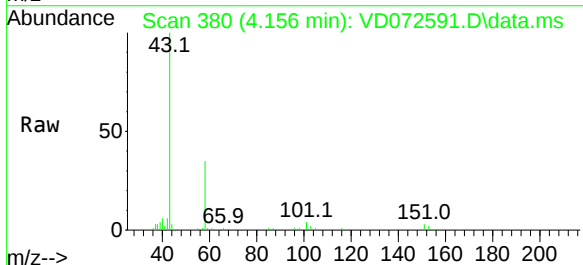
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

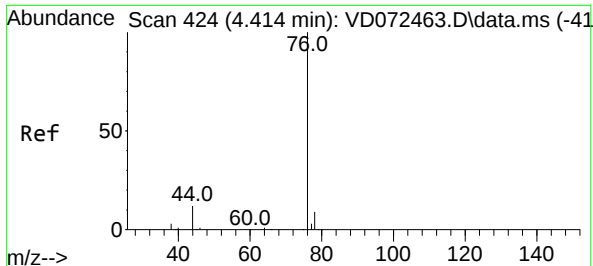
Tgt Ion: 53 Resp: 221250
Ion Ratio Lower Upper
53 100
52 81.5 67.2 100.8
51 37.3 30.3 45.5



#16
Acetone
Concen: 237.401 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 43 Resp: 192227
Ion Ratio Lower Upper
43 100
58 35.4 22.1 33.1#

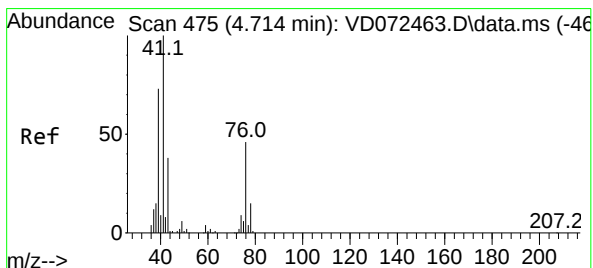
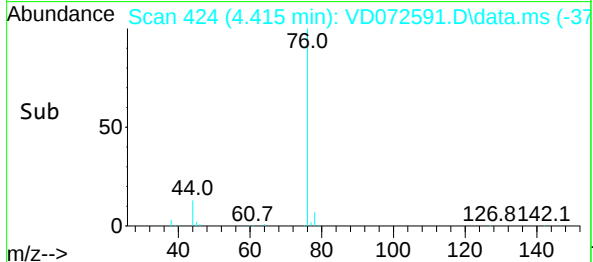
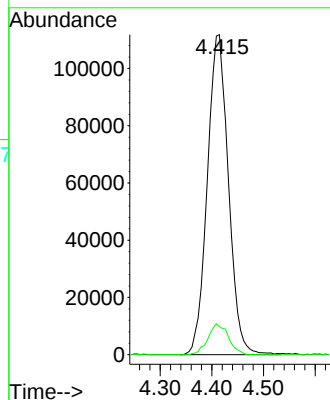
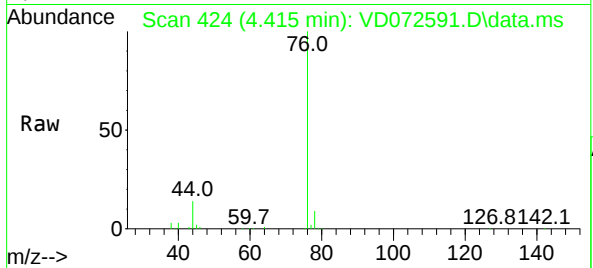




#17
Carbon Disulfide
Concen: 45.801 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

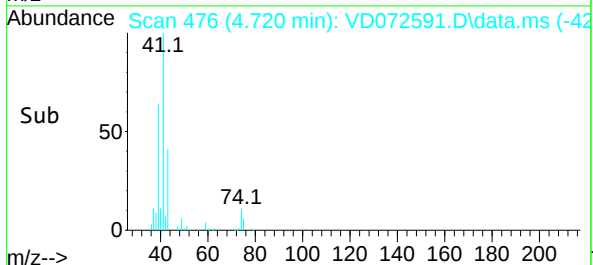
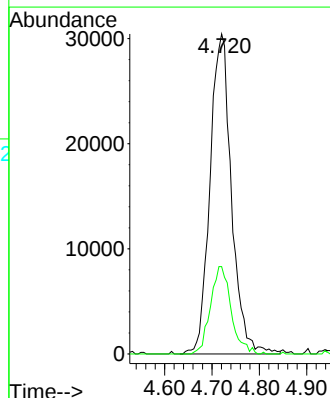
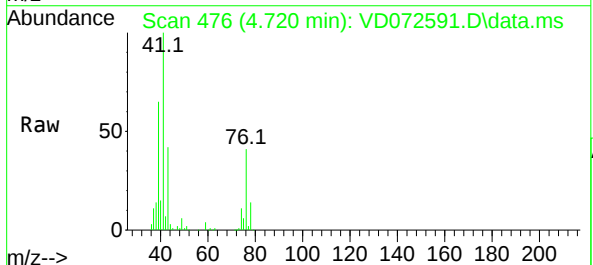
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

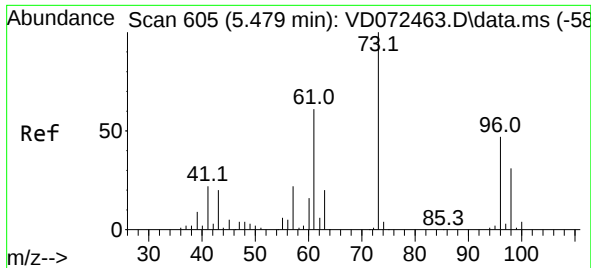
Tgt Ion: 76 Resp: 317521
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 42.053 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 43 Resp: 95929
Ion Ratio Lower Upper
43 100
74 26.3 16.7 25.1#

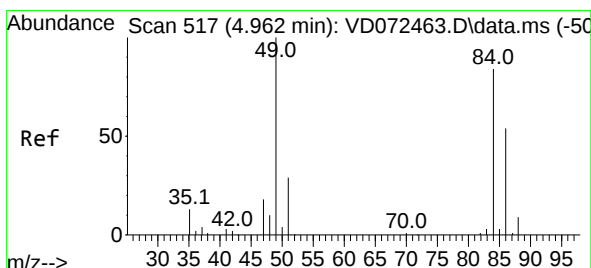
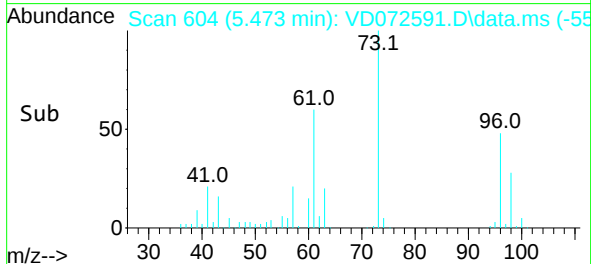
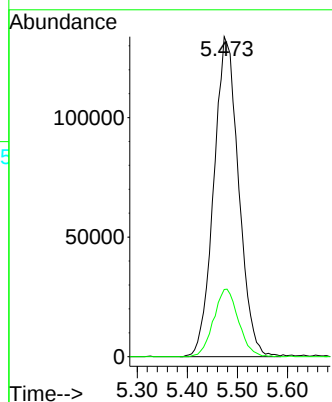
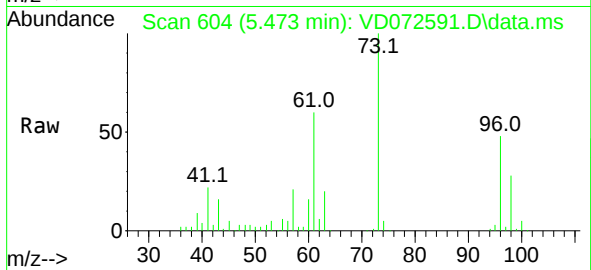




#19
Methyl tert-butyl Ether
Concen: 49.002 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

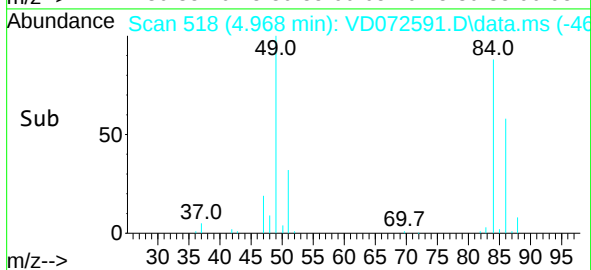
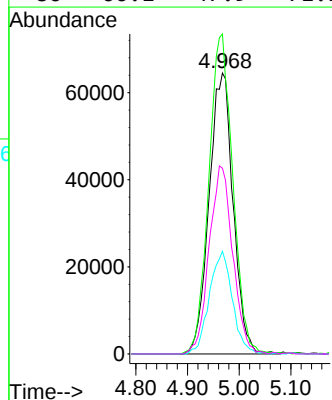
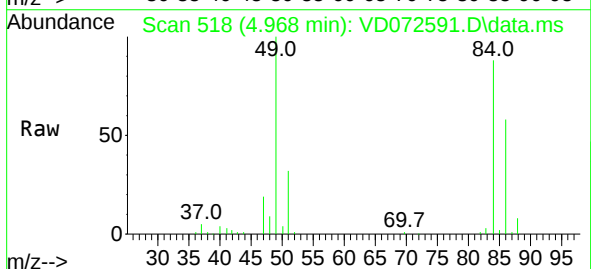
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

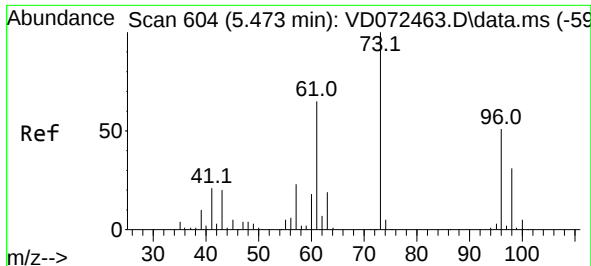
Tgt Ion: 73 Resp: 461137
Ion Ratio Lower Upper
73 100
57 21.0 18.0 27.0



#20
Methylene Chloride
Concen: 43.201 ug/l
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 84 Resp: 208246
Ion Ratio Lower Upper
84 100
49 113.9 112.8 169.2
51 36.6 32.6 48.8
86 66.1 47.9 71.9

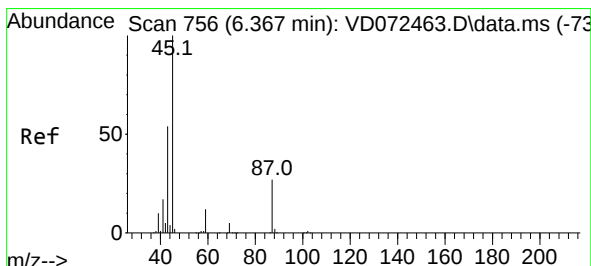
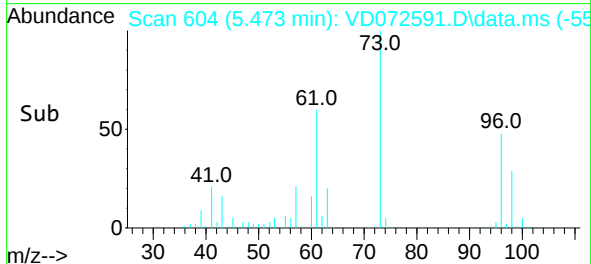
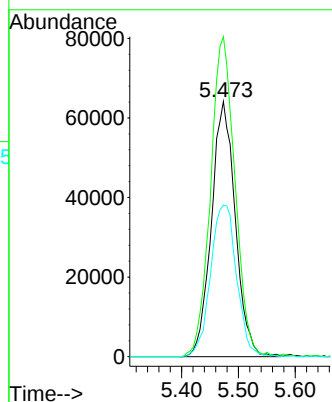
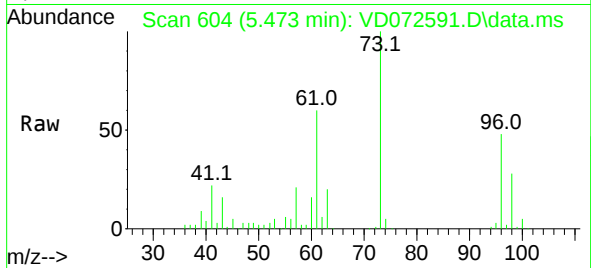




#21
trans-1,2-Dichloroethene
Concen: 47.549 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

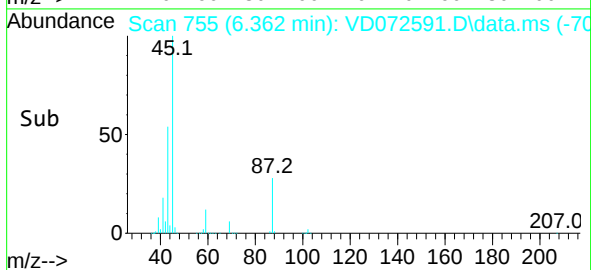
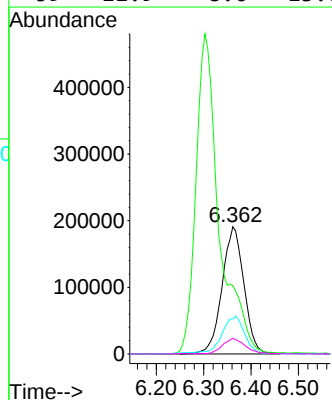
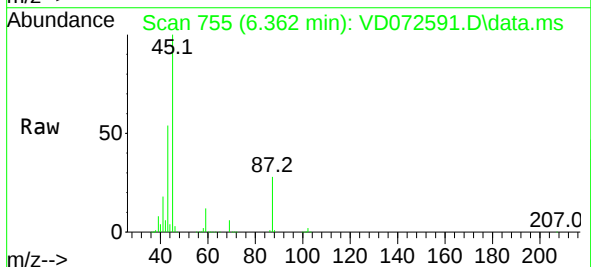
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

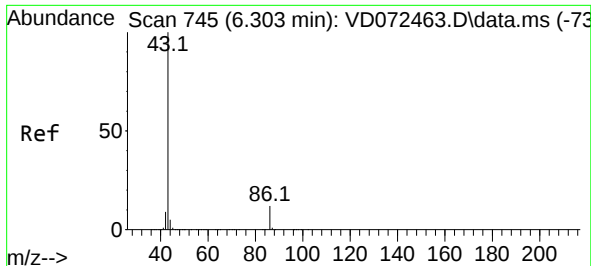
Tgt Ion: 96 Resp: 186974
Ion Ratio Lower Upper
96 100
61 125.4 117.9 176.9
98 59.4 49.4 74.2



#22
Diisopropyl ether
Concen: 47.254 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 45 Resp: 612122
Ion Ratio Lower Upper
45 100
43 52.7 46.6 70.0
87 27.5 18.4 27.6
59 11.9 8.6 13.0

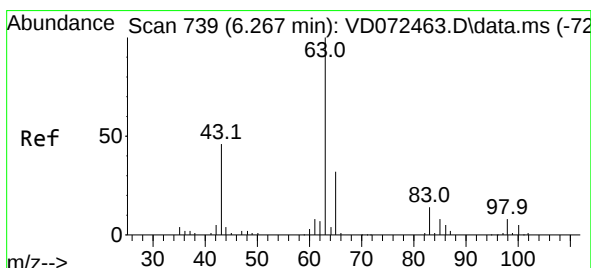
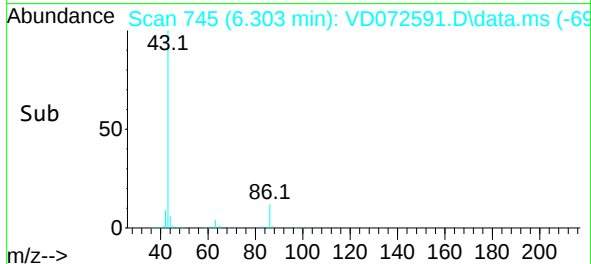
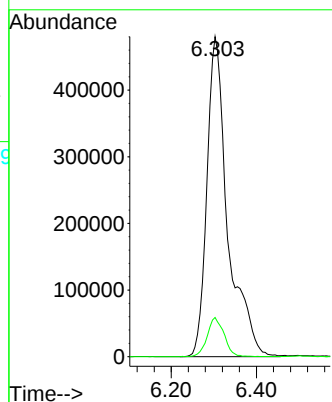
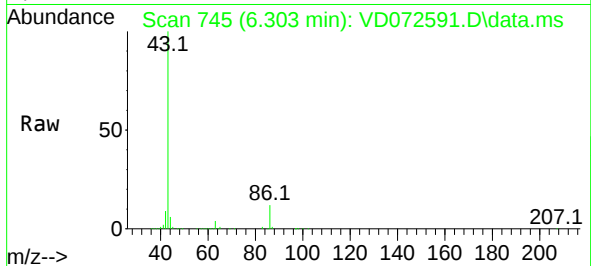




#23
 Vinyl Acetate
 Concen: 234.580 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072591.D
 Acq: 18 Apr 2022 11:43

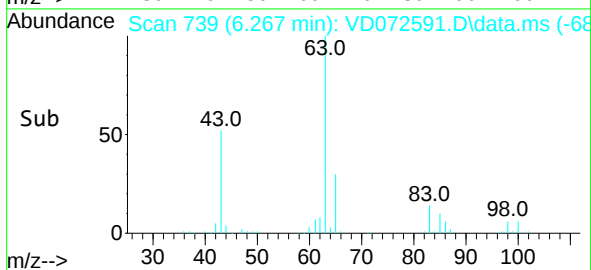
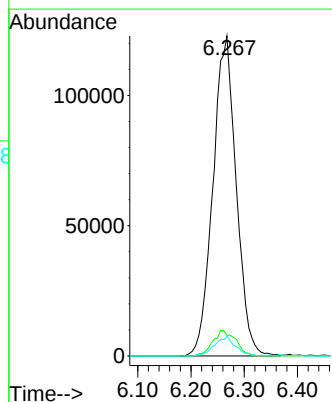
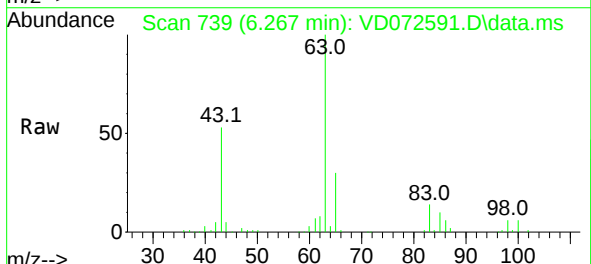
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

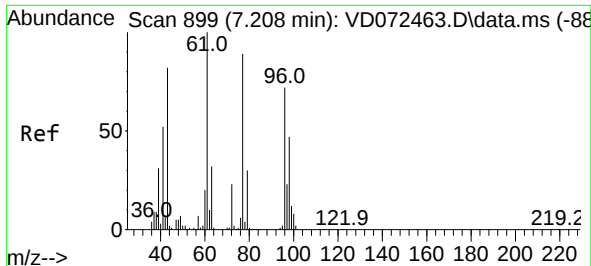
Tgt Ion: 43 Resp: 1631637
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 47.786 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD072591.D
 Acq: 18 Apr 2022 11:43

Tgt Ion: 63 Resp: 373008
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.9
 100 6.1 2.1 6.5

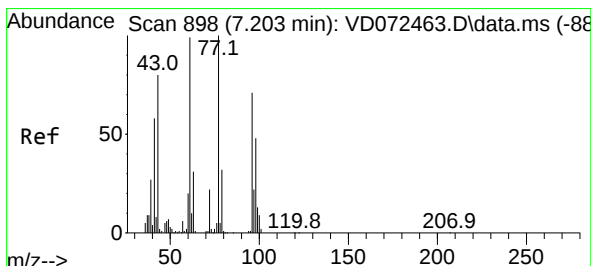
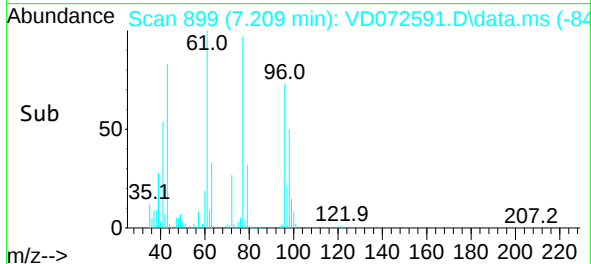
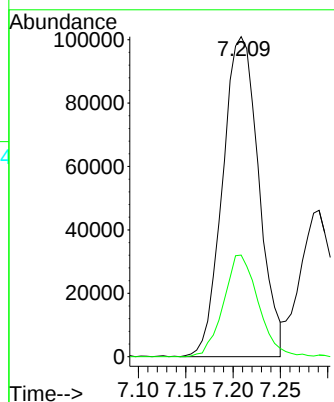
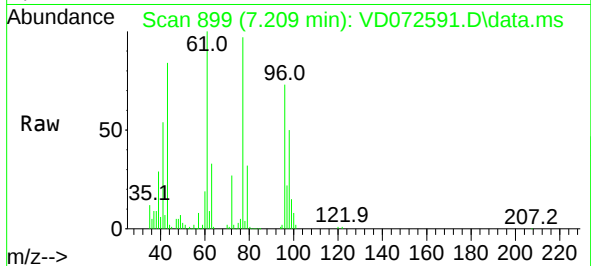




#25
2-Butanone
Concen: 239.774 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

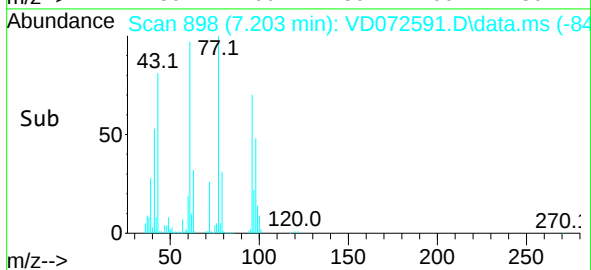
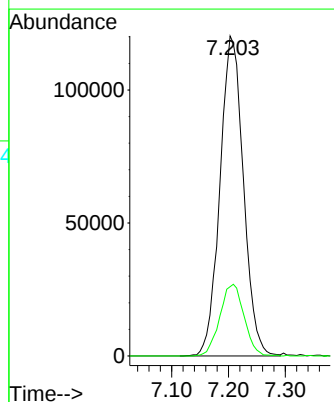
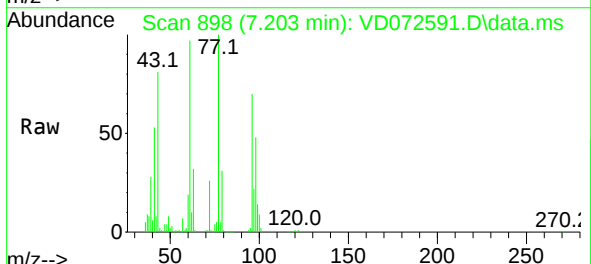
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

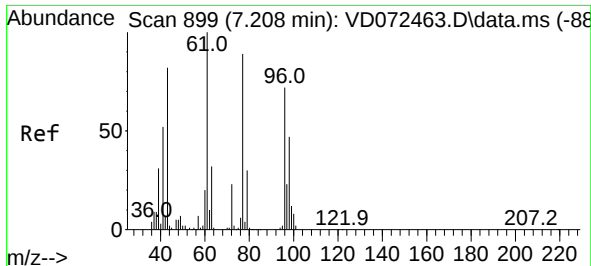
Tgt Ion: 43 Resp: 268513
Ion Ratio Lower Upper
43 100
72 31.7 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 49.789 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 77 Resp: 345205
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4

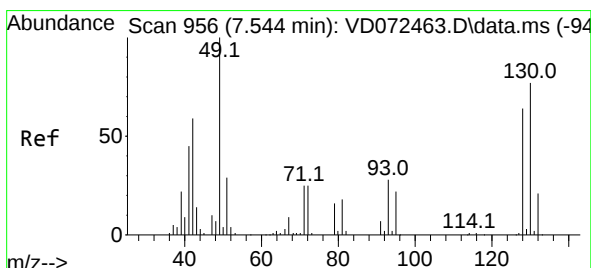
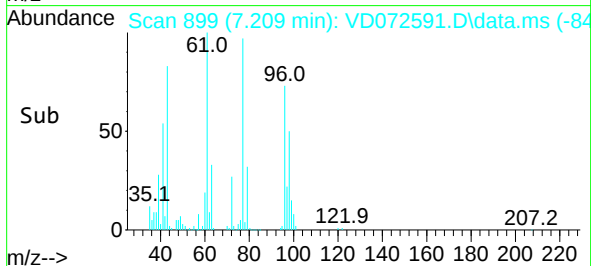
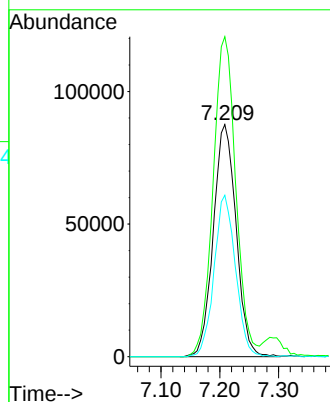
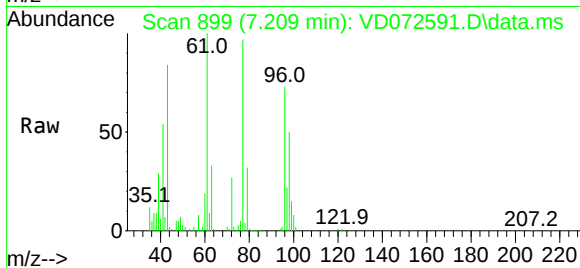




#27
 cis-1,2-Dichloroethene
 Concen: 48.194 ug/l
 RT: 7.209 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072591.D
 Acq: 18 Apr 2022 11:43

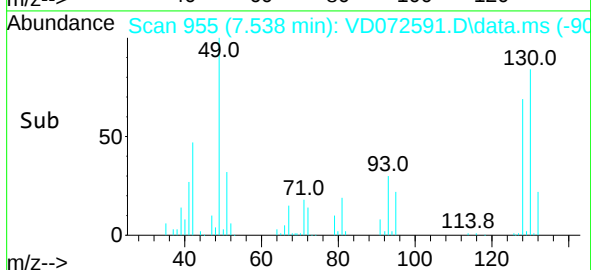
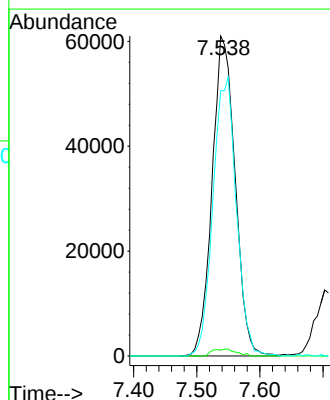
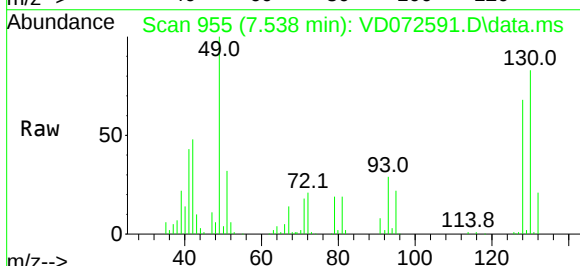
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

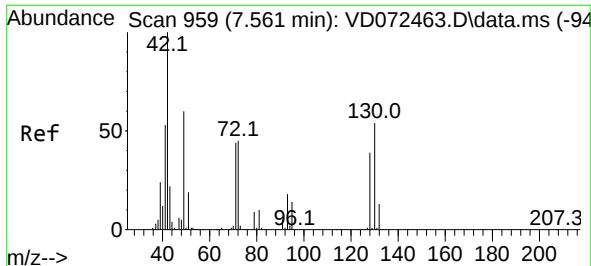
Tgt Ion: 96 Resp: 235925
 Ion Ratio Lower Upper
 96 100
 61 137.4 0.0 313.8
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 46.109 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072591.D
 Acq: 18 Apr 2022 11:43

Tgt Ion: 49 Resp: 154217
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 88.5 52.6 79.0#





#29

Tetrahydrofuran

Concen: 251.312 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

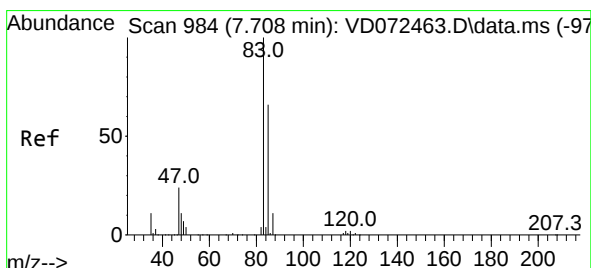
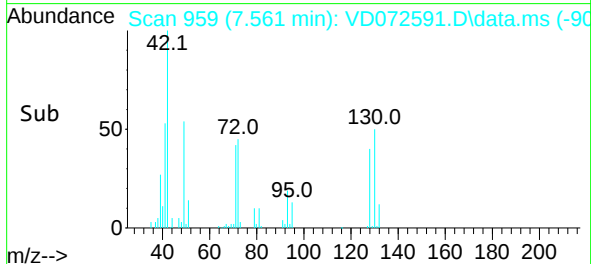
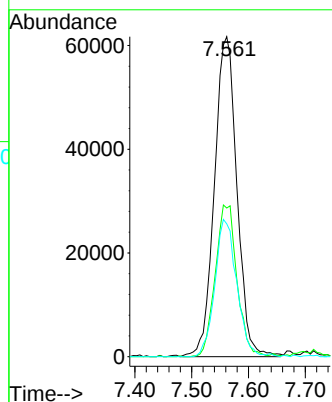
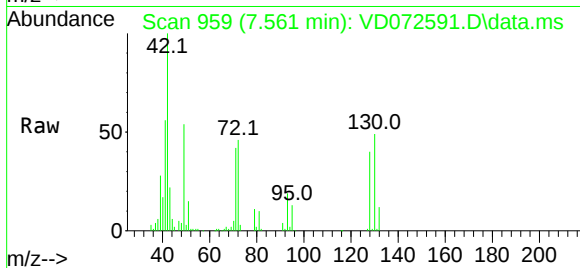
Tgt Ion: 42 Resp: 169914

Ion Ratio Lower Upper

42 100

72 45.7 30.7 46.1

71 41.5 28.6 43.0



#30

Chloroform

Concen: 48.384 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD072591.D

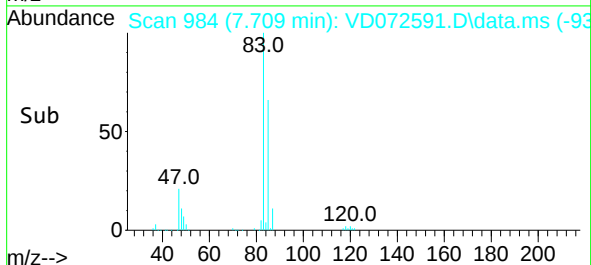
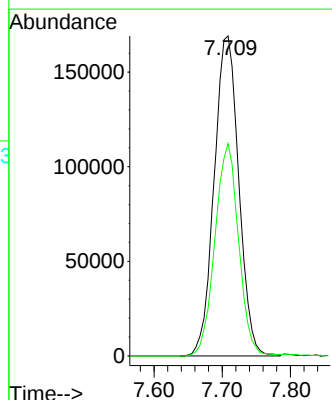
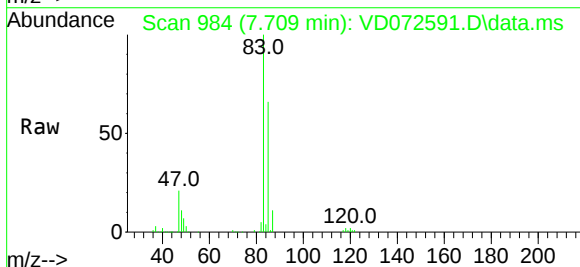
Acq: 18 Apr 2022 11:43

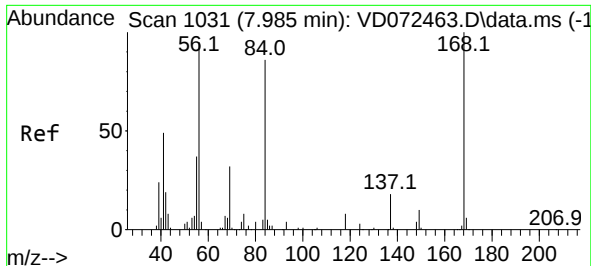
Tgt Ion: 83 Resp: 424848

Ion Ratio Lower Upper

83 100

85 66.4 52.7 79.1

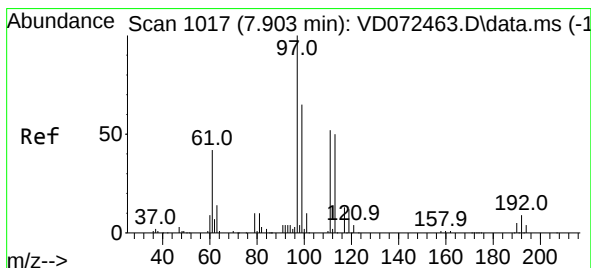
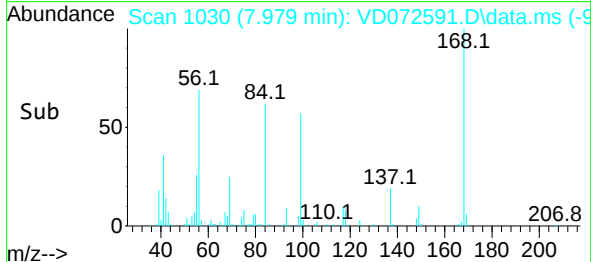
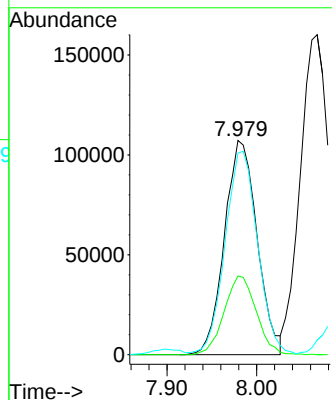
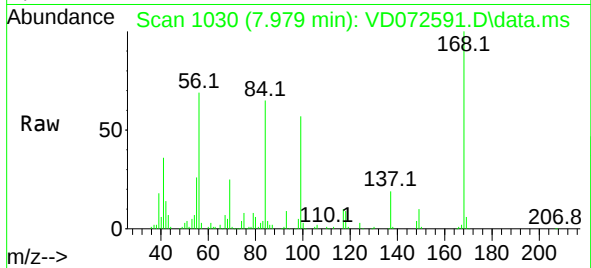




#31
Cyclohexane
Concen: 47.747 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

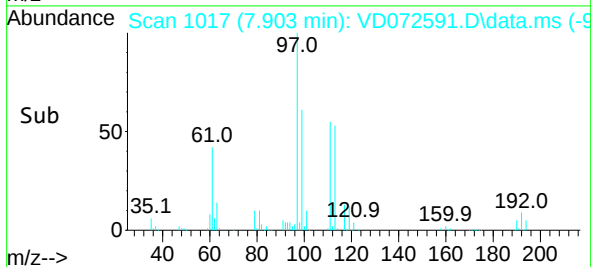
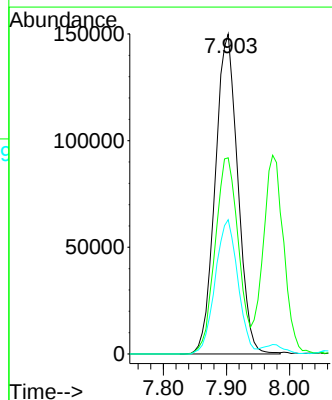
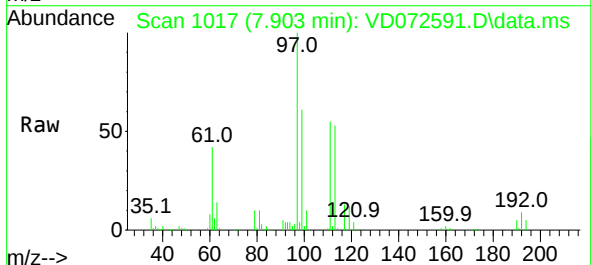
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

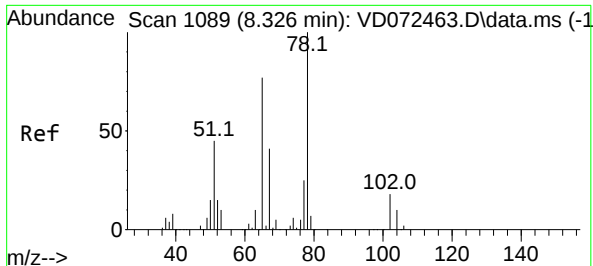
Tgt Ion: 56 Resp: 271107
Ion Ratio Lower Upper
56 100
69 36.7 25.4 38.2
84 92.0 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 50.105 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 97 Resp: 373158
Ion Ratio Lower Upper
97 100
99 63.3 52.4 78.6
61 42.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.272 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

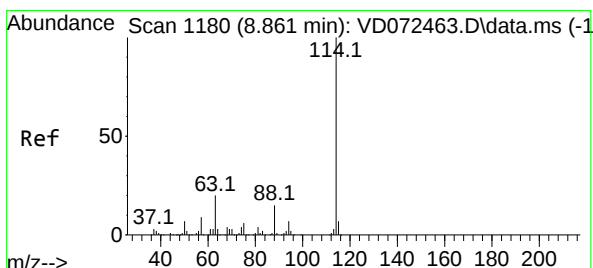
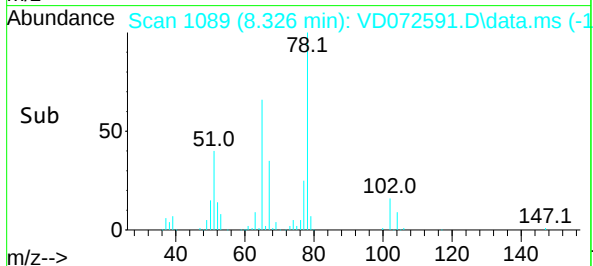
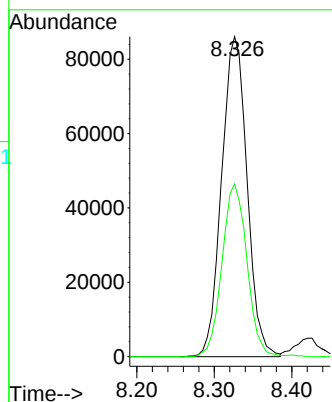
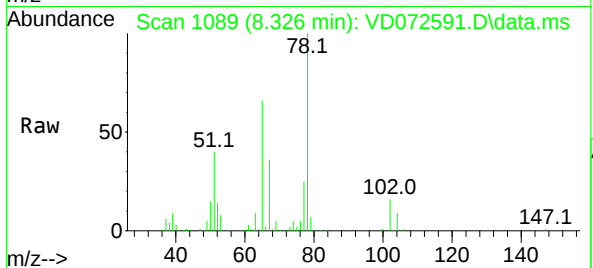
VSTDCCC050

Tgt Ion: 65 Resp: 196590

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

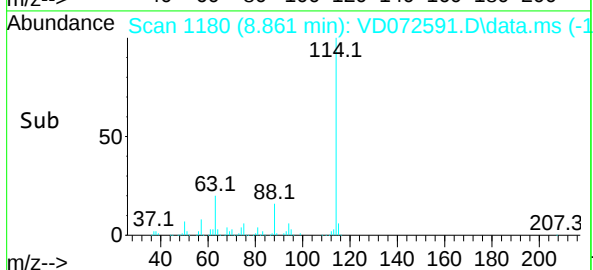
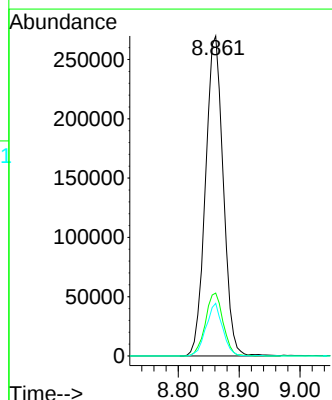
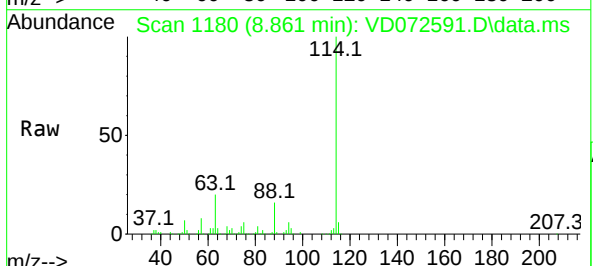
Tgt Ion: 114 Resp: 546706

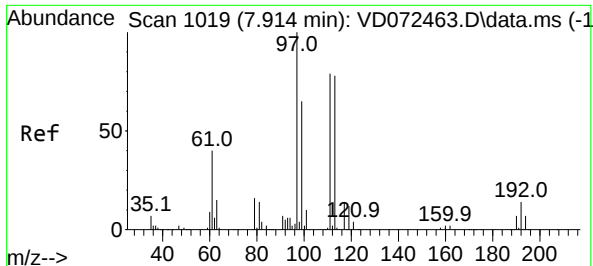
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.622 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

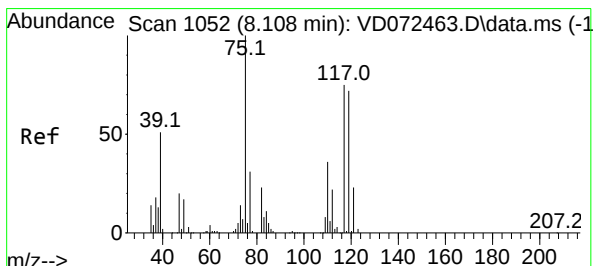
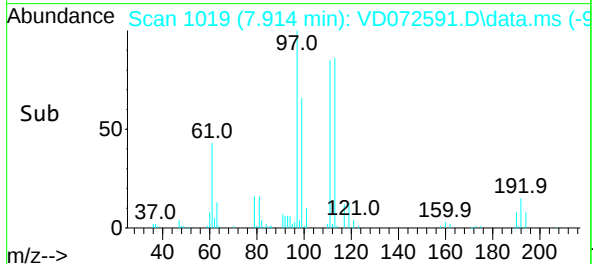
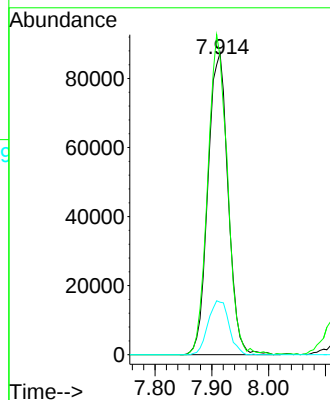
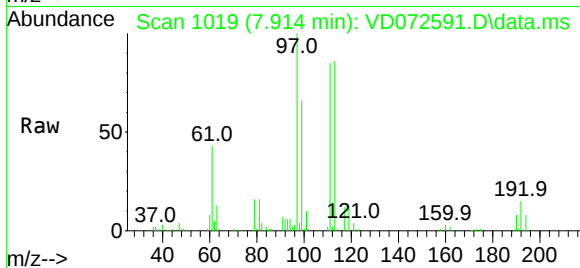
Tgt Ion:113 Resp: 215077

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.387 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

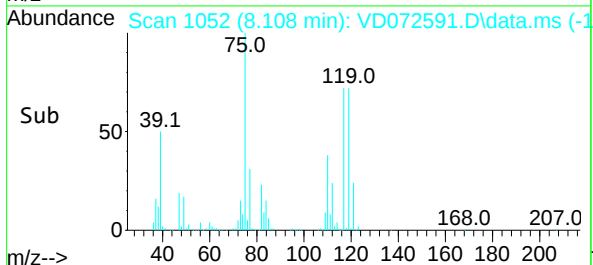
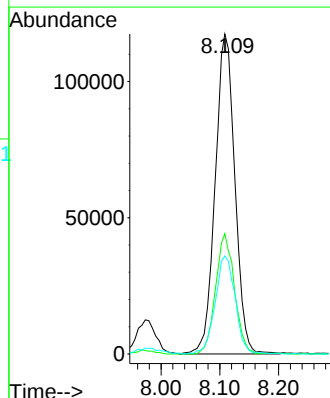
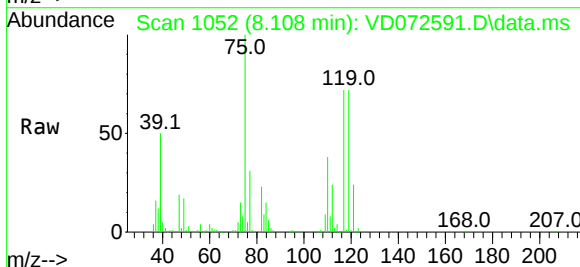
Tgt Ion: 75 Resp: 273623

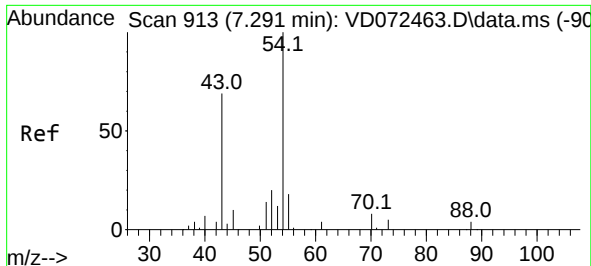
Ion Ratio Lower Upper

75 100

110 35.9 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 52.248 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

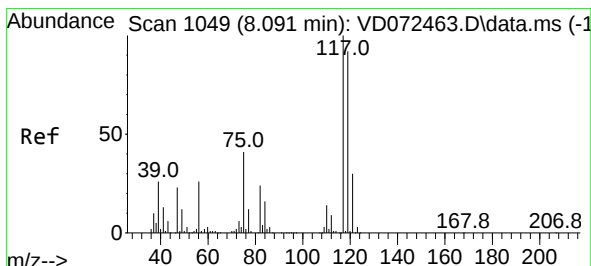
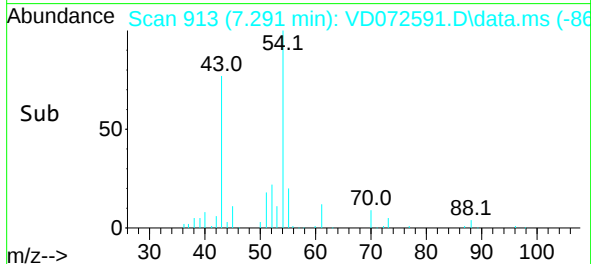
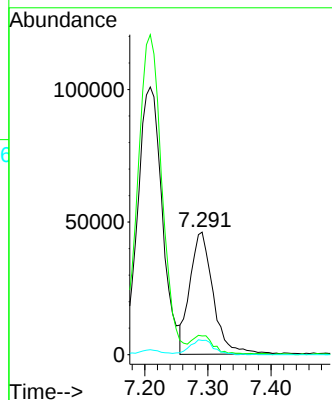
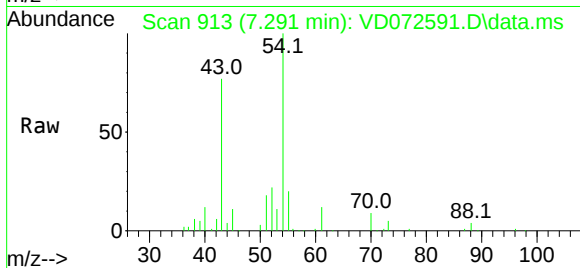
Tgt Ion: 43 Resp: 117623

Ion Ratio Lower Upper

43 100

61 14.0 9.8 14.8

70 12.4 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 55.405 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

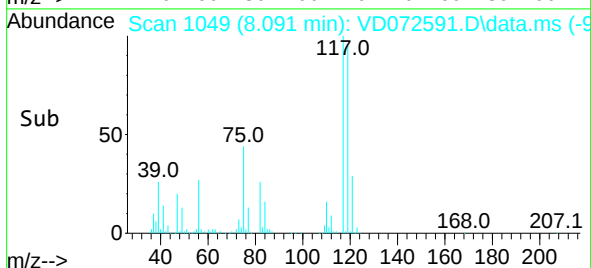
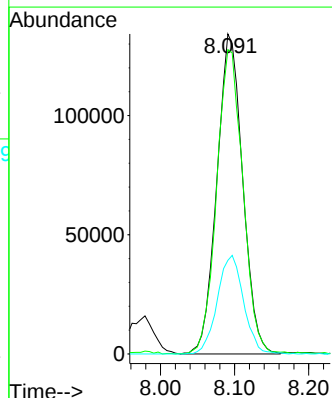
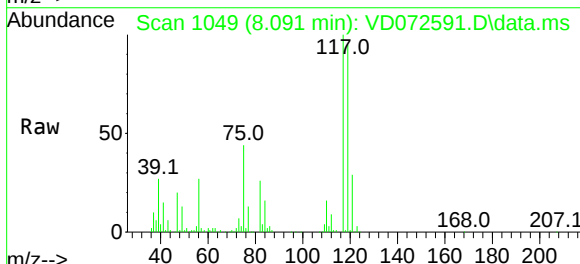
Tgt Ion: 117 Resp: 324300

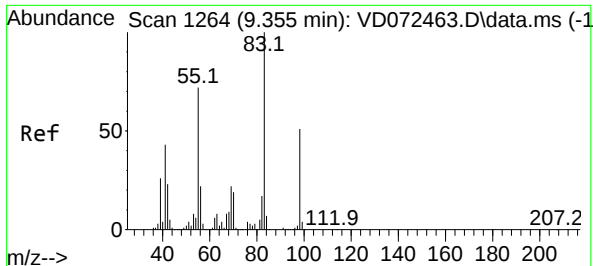
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

121 29.3 24.5 36.7





#39

Methylcyclohexane

Concen: 47.465 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

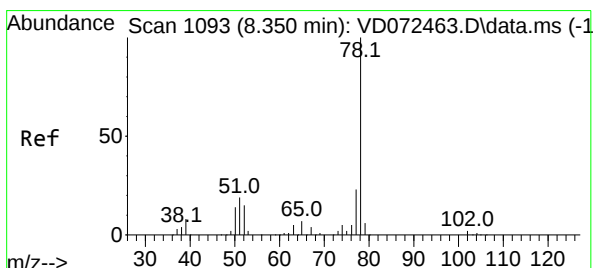
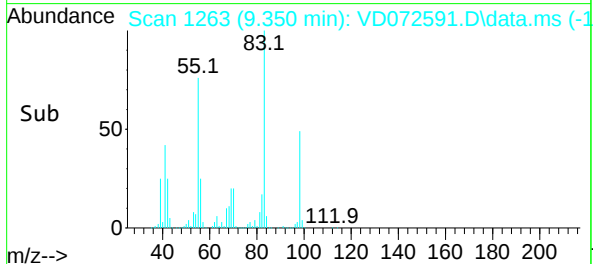
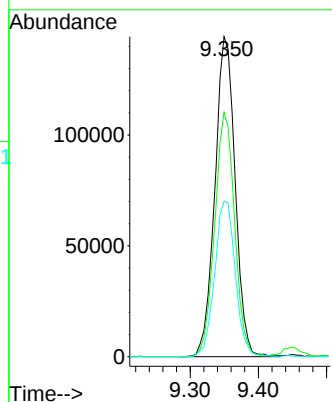
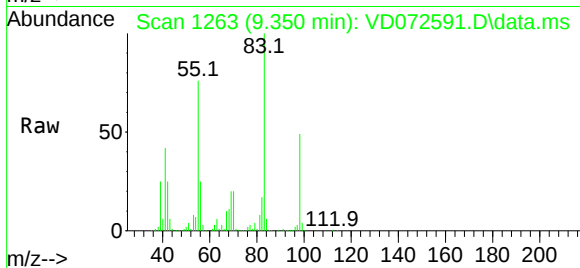
Tgt Ion: 83 Resp: 299150

Ion Ratio Lower Upper

83 100

55 76.4 63.2 94.8

98 48.5 38.2 57.4



#40

Benzene

Concen: 54.299 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072591.D

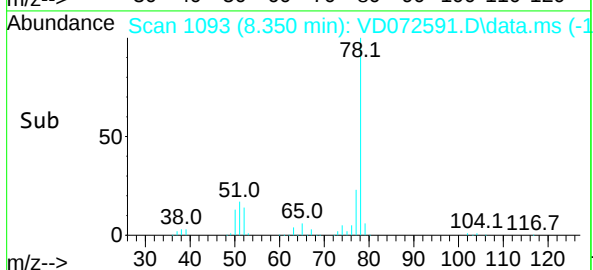
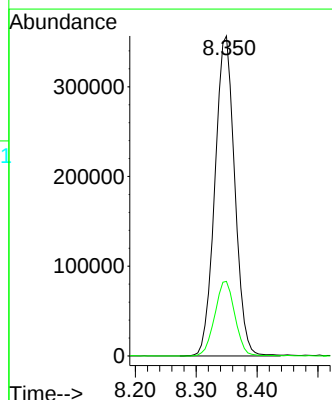
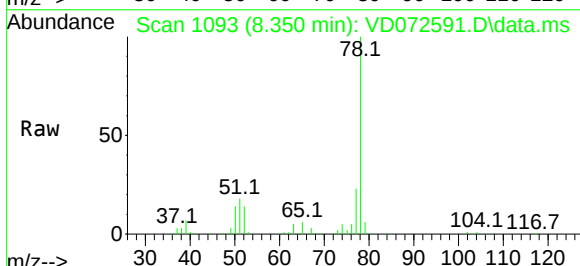
Acq: 18 Apr 2022 11:43

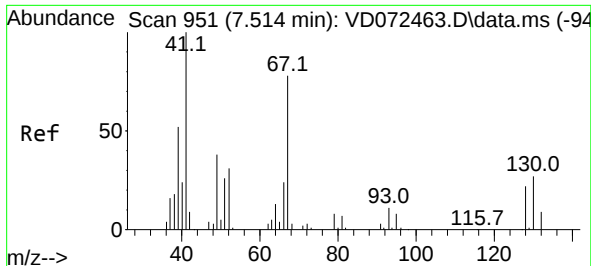
Tgt Ion: 78 Resp: 805686

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

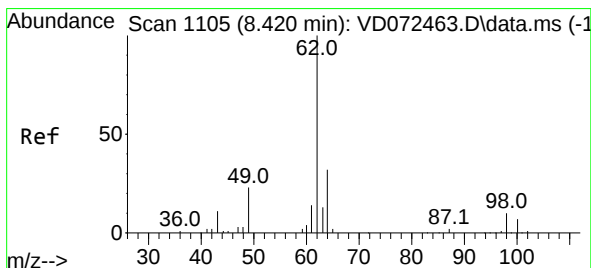
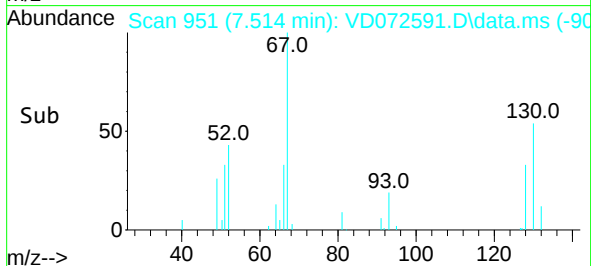
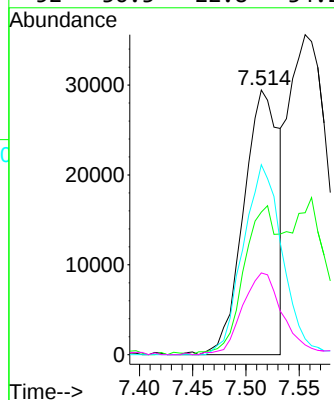
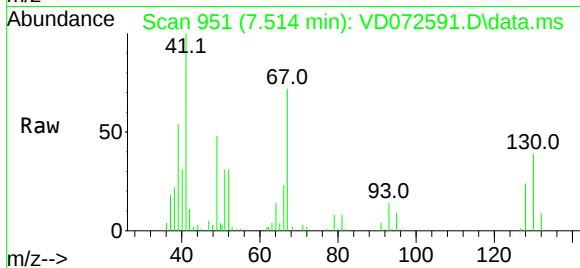




#41
Methacrylonitrile
Concen: 51.372 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

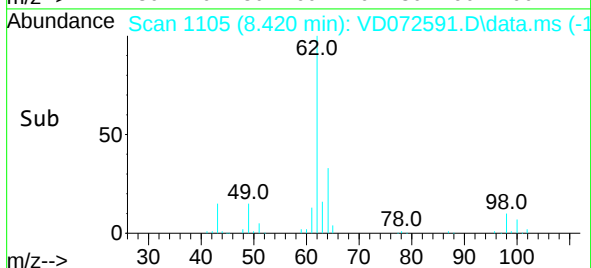
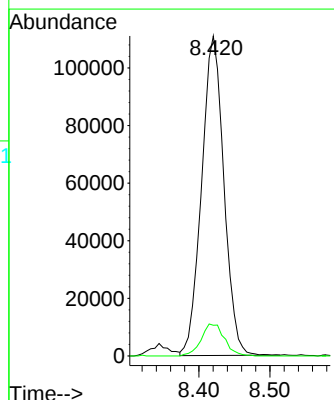
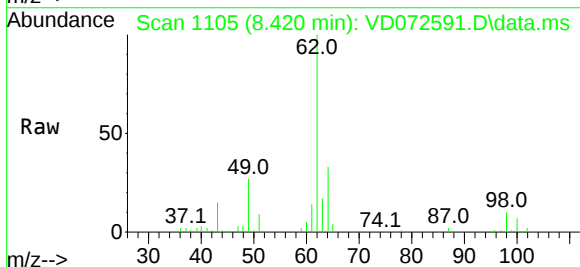
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

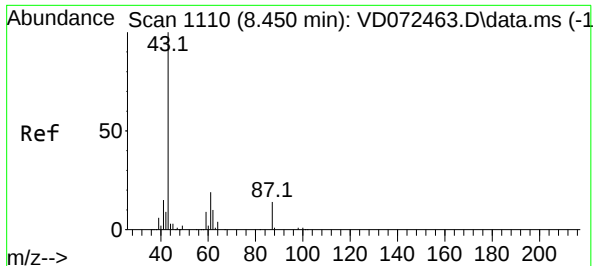
Tgt Ion:	41	Resp:	67651
Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.6	67.0
67	81.0	48.2	72.4#
52	36.3	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 53.430 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion:	62	Resp:	242320
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	17.6

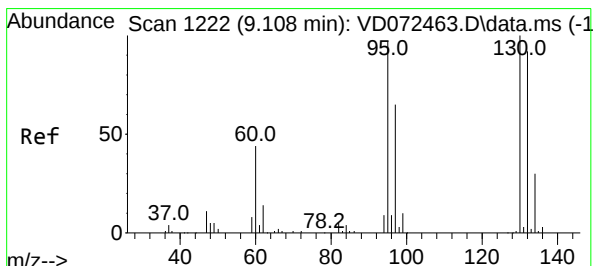
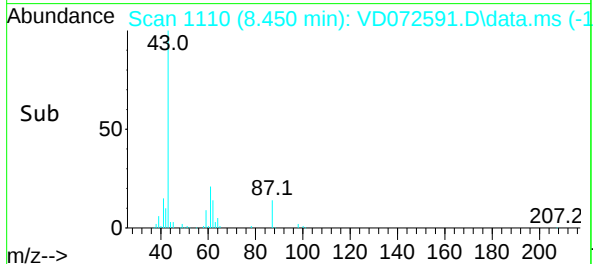
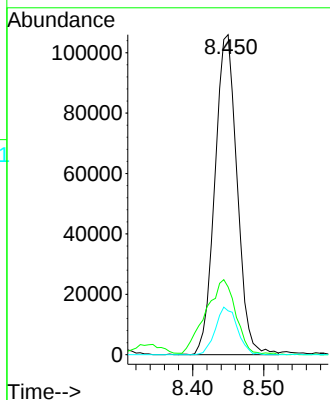
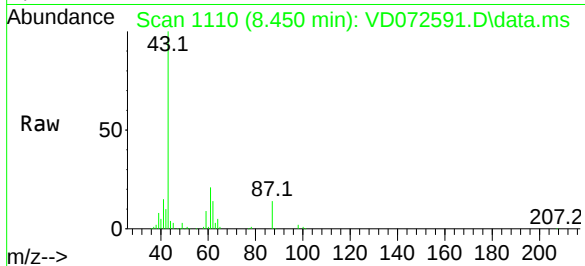




#43
Isopropyl Acetate
Concen: 53.136 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

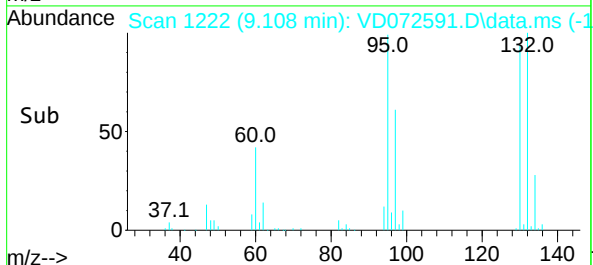
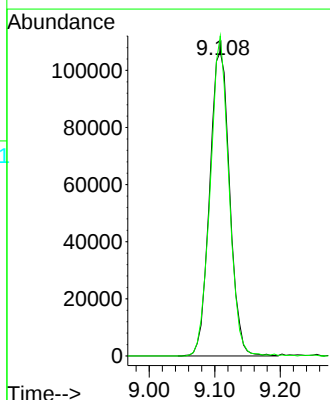
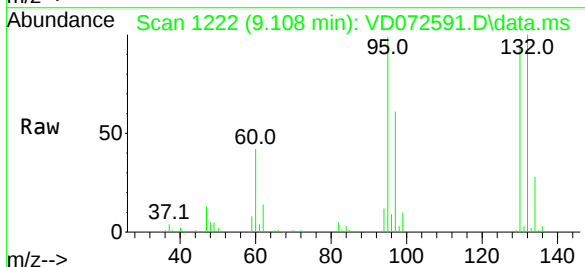
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

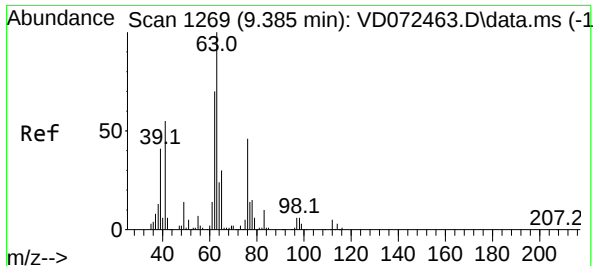
Tgt Ion: 43 Resp: 229460
Ion Ratio Lower Upper
43 100
61 32.2 22.4 33.6
87 14.7 8.7 13.1#



#44
Trichloroethene
Concen: 53.700 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion:130 Resp: 226214
Ion Ratio Lower Upper
130 100
95 105.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 52.413 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

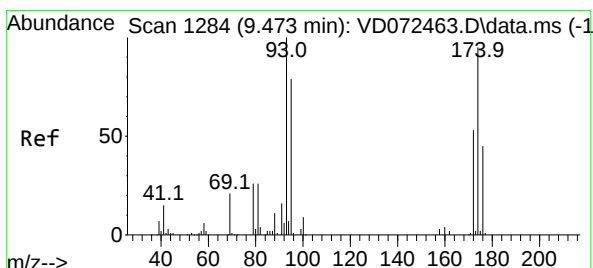
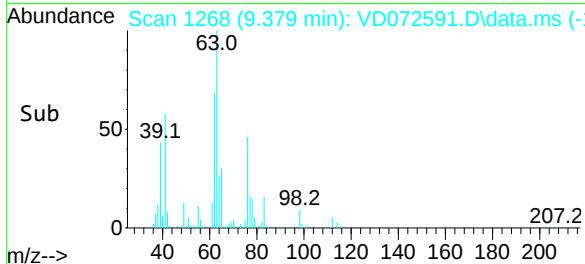
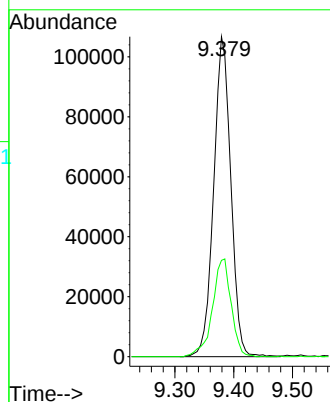
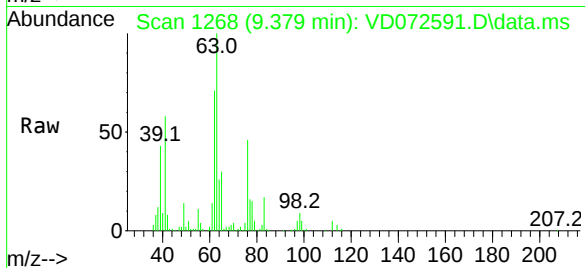
VSTDCCC050

Tgt Ion: 63 Resp: 216340

Ion Ratio Lower Upper

63 100

65 30.1 26.2 39.4



#46

Dibromomethane

Concen: 56.053 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

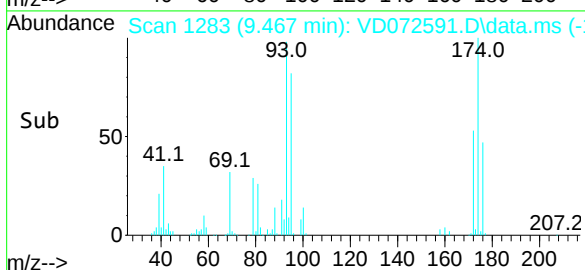
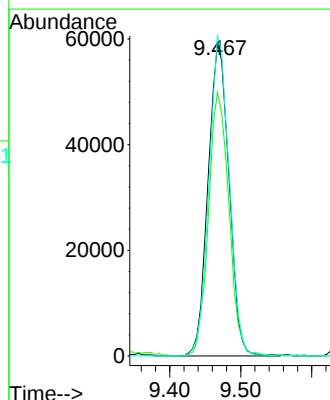
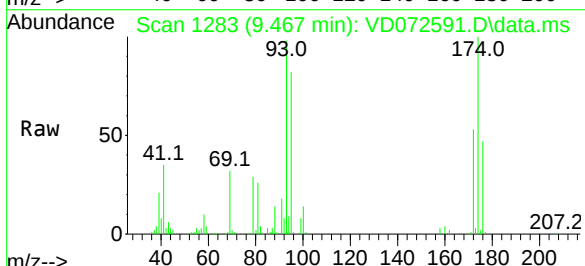
Tgt Ion: 93 Resp: 121385

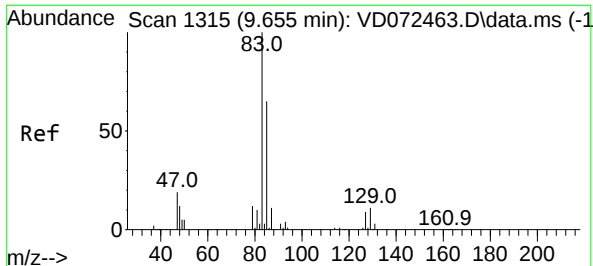
Ion Ratio Lower Upper

93 100

95 82.2 66.7 100.1

174 98.7 71.6 107.4

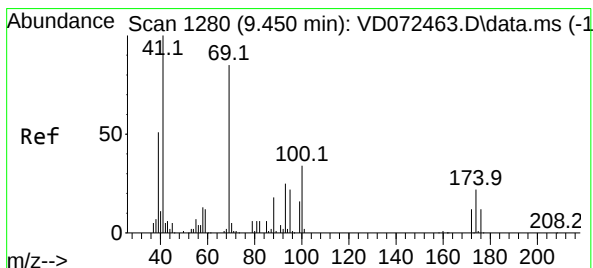
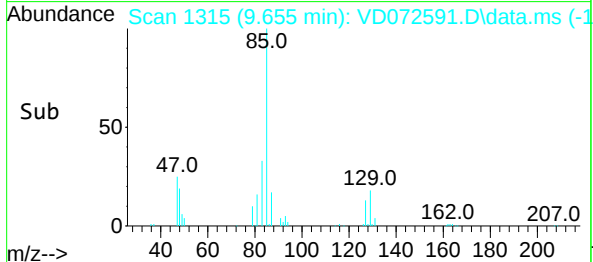
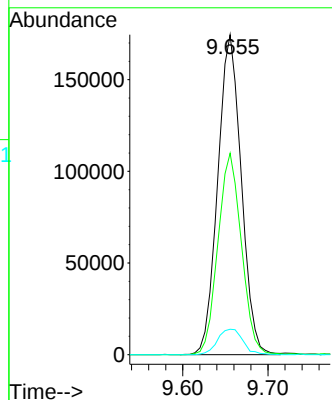
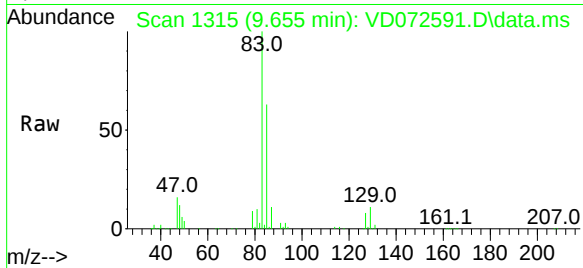




#47
Bromodichloromethane
Concen: 53.788 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

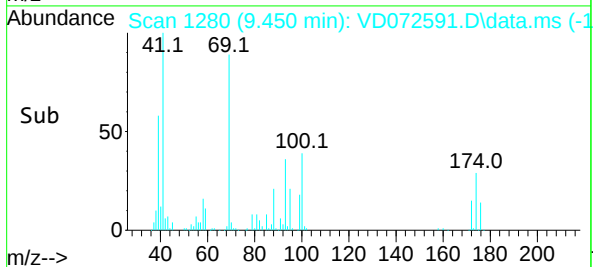
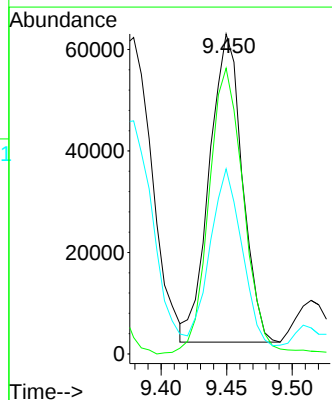
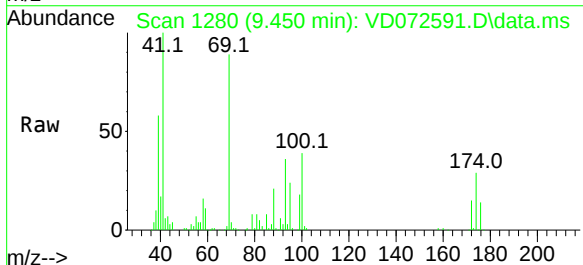
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

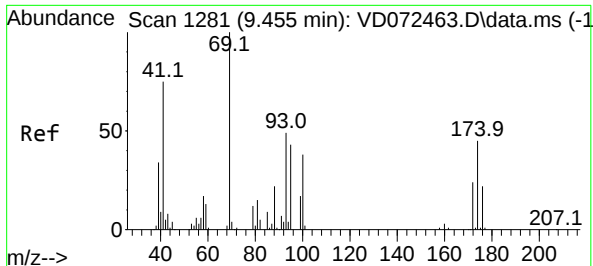
Tgt Ion: 83 Resp: 334636
Ion Ratio Lower Upper
83 100
85 62.9 51.4 77.0
127 7.9 6.1 9.1



#48
Methyl methacrylate
Concen: 50.501 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 41 Resp: 105876
Ion Ratio Lower Upper
41 100
69 98.7 56.7 85.1#
39 61.1 42.7 64.1





#49

1,4-Dioxane

Concen: 1095.373 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

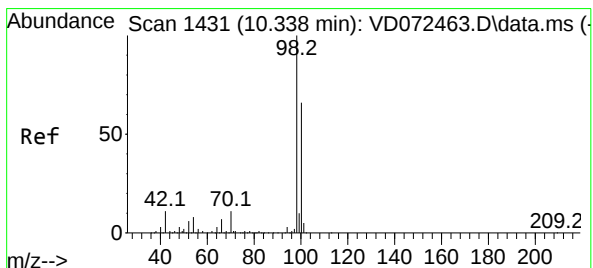
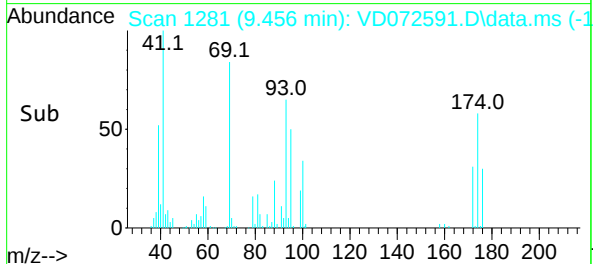
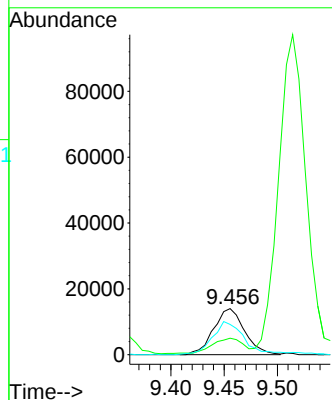
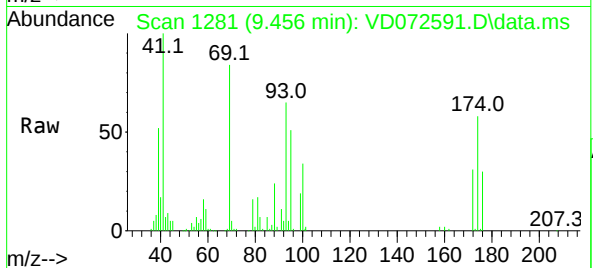
Tgt Ion: 88 Resp: 28217

Ion Ratio Lower Upper

88 100

43 31.9 31.0 46.4

58 76.8 58.1 87.1



#50

Toluene-d8

Concen: 50.548 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.006 min

Lab File: VD072591.D

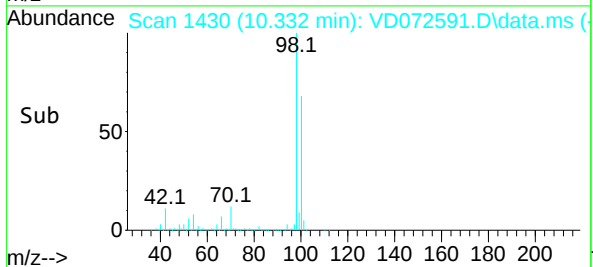
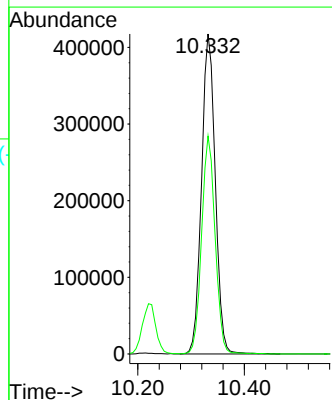
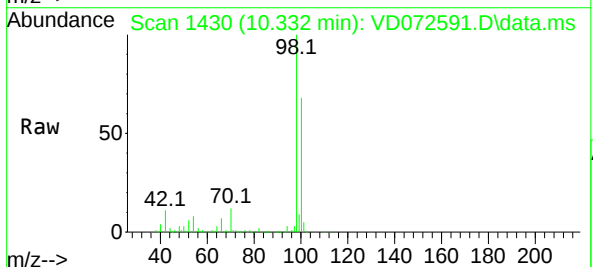
Acq: 18 Apr 2022 11:43

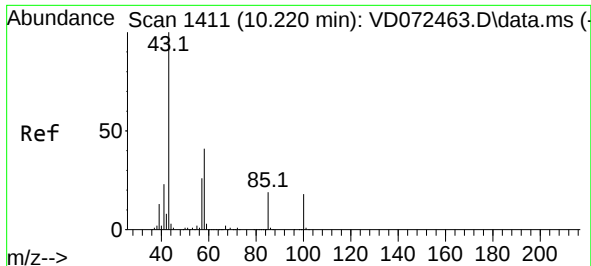
Tgt Ion: 98 Resp: 746522

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

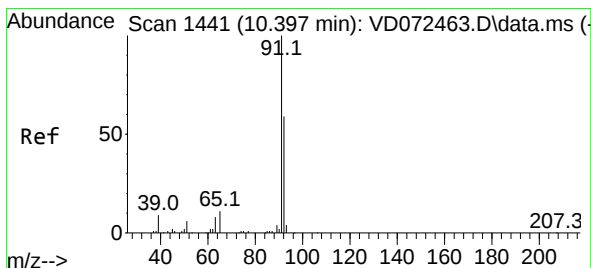
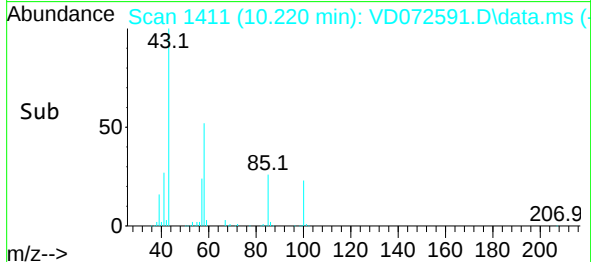
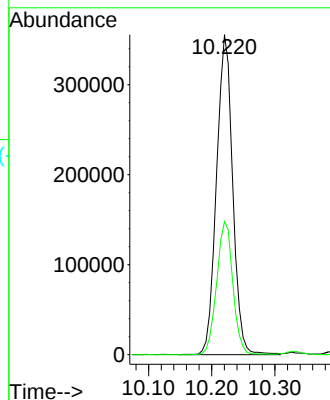
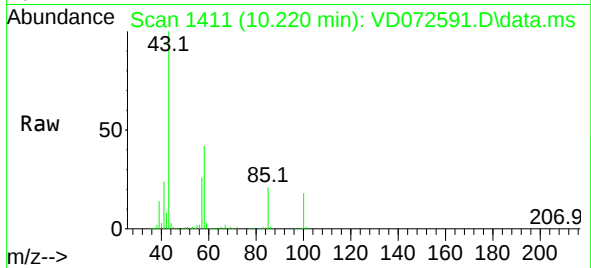




#51
4-Methyl-2-Pentanone
Concen: 273.211 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

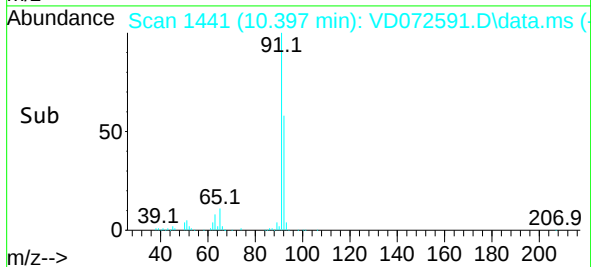
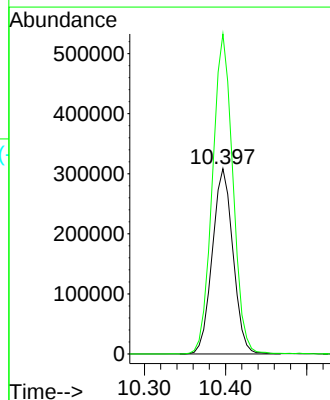
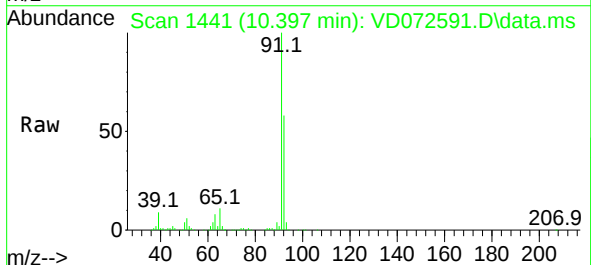
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

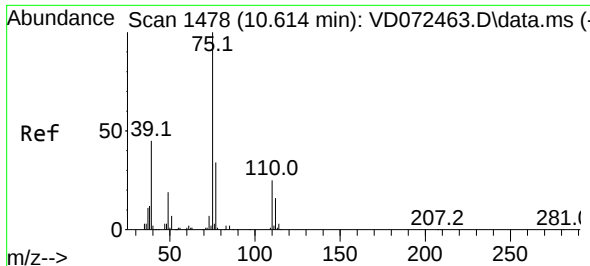
Tgt Ion: 43 Resp: 633060
Ion Ratio Lower Upper
43 100
58 41.8 28.6 43.0



#52
Toluene
Concen: 55.307 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 92 Resp: 545182
Ion Ratio Lower Upper
92 100
91 171.0 139.6 209.4

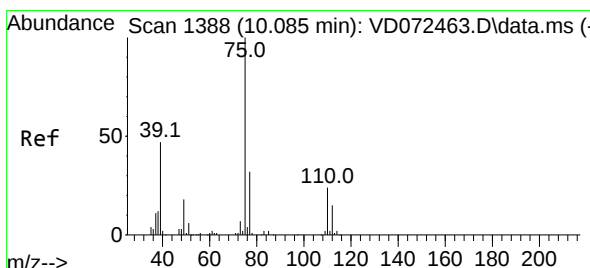
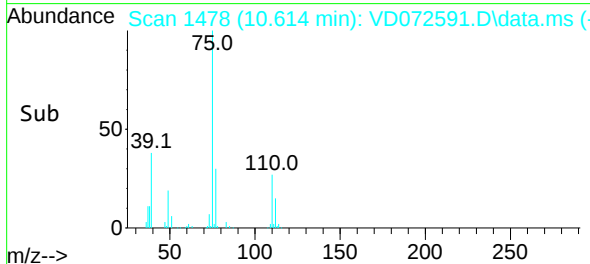
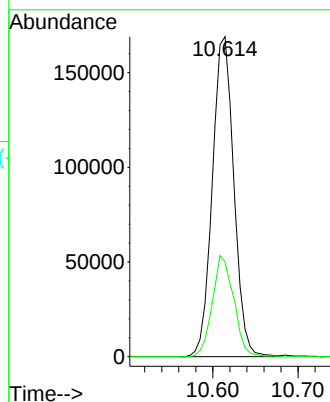
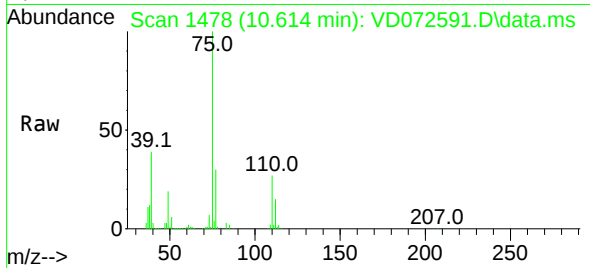




#53
t-1,3-Dichloropropene
Concen: 54.846 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

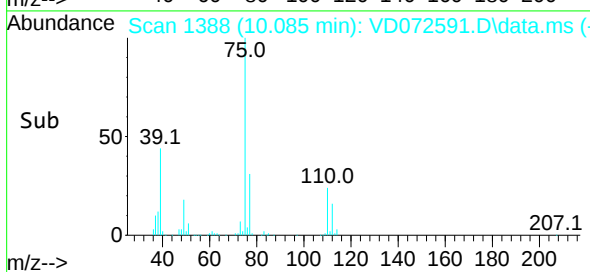
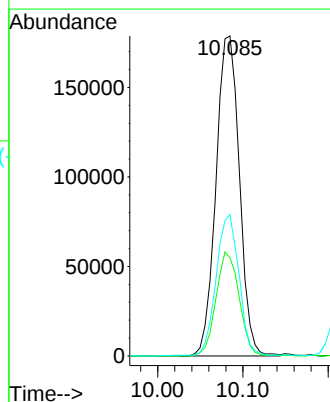
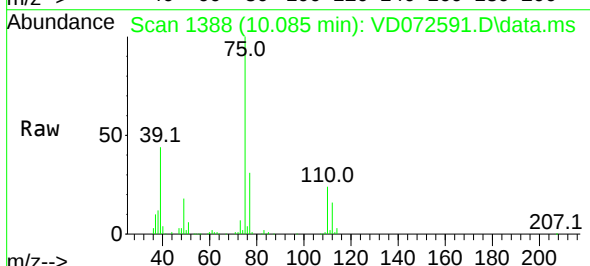
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

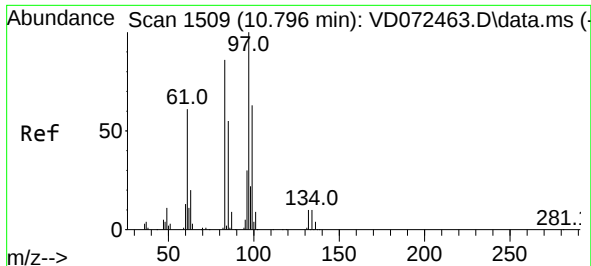
Tgt Ion: 75 Resp: 297338
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.354 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 75 Resp: 341986
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 44.0 46.8 70.2#



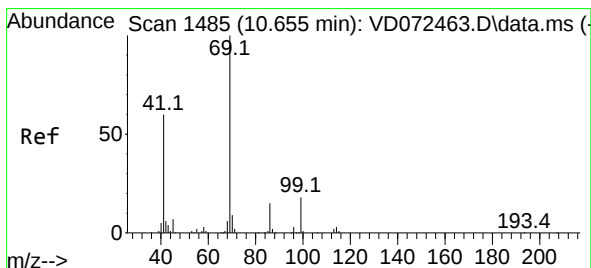
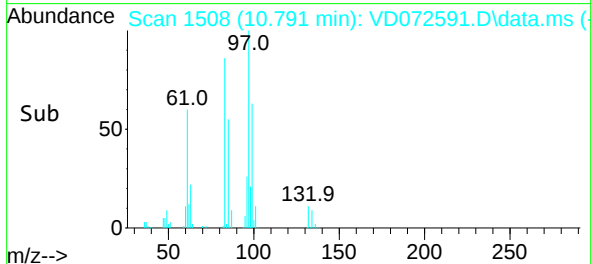
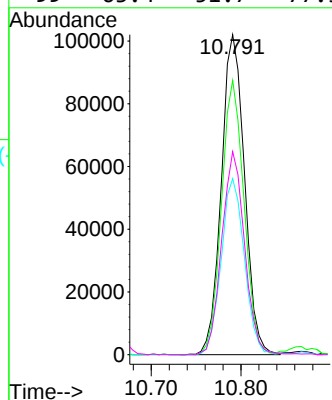
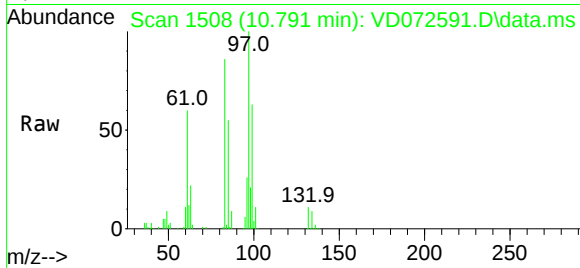


#55
1,1,2-Trichloroethane
Concen: 55.713 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 182909

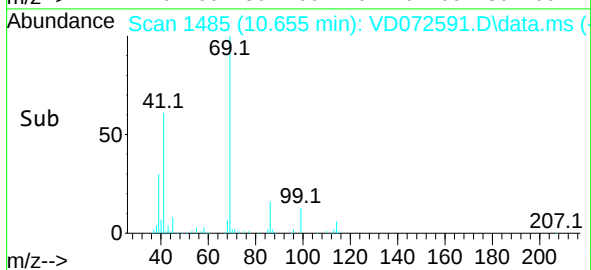
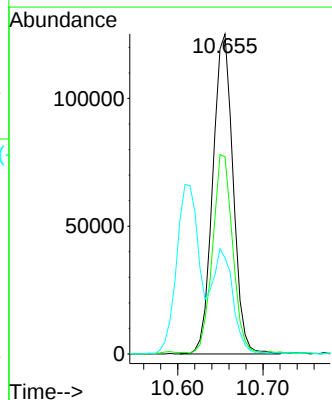
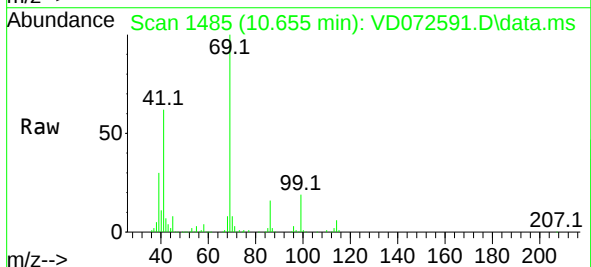
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.0	103.4
85	55.0	42.6	63.8
99	63.4	51.7	77.5

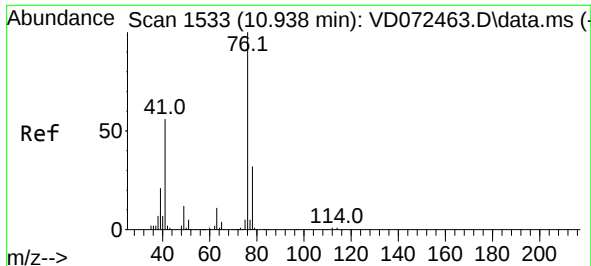


#56
Ethyl methacrylate
Concen: 51.301 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 69 Resp: 207217

Ion	Ratio	Lower	Upper
69	100		
41	61.4	63.0	94.6#
39	33.8	33.8	50.8#





#57

1,3-Dichloropropane

Concen: 55.395 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

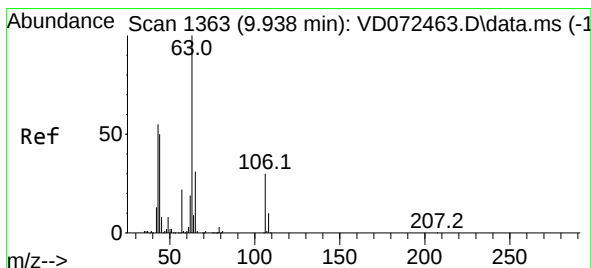
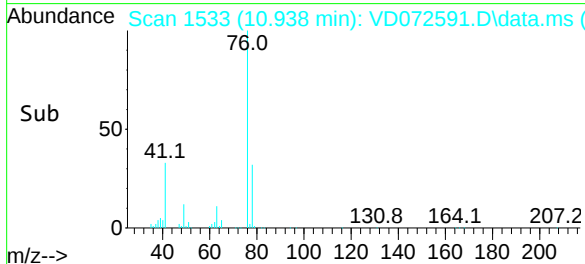
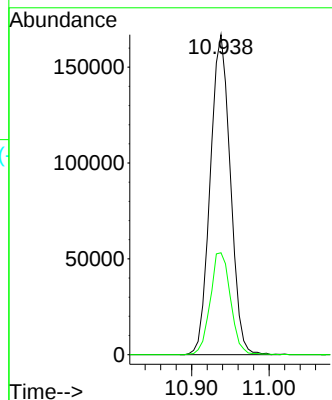
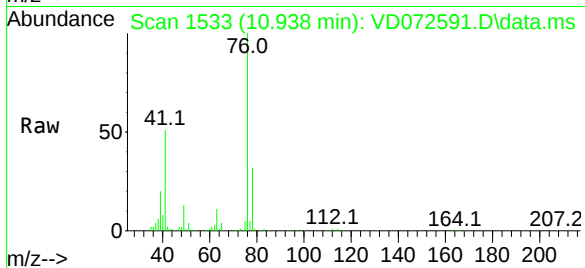
VSTDCCC050

Tgt Ion: 76 Resp: 300654

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 269.949 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072591.D

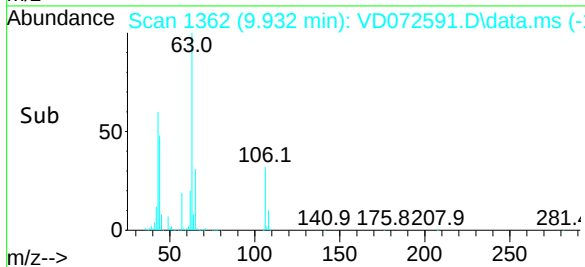
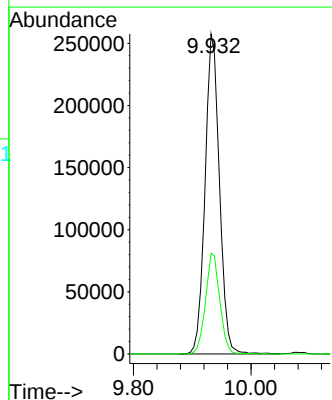
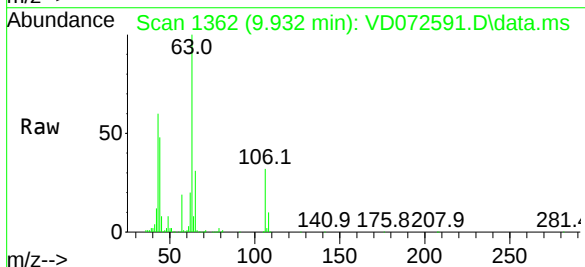
Acq: 18 Apr 2022 11:43

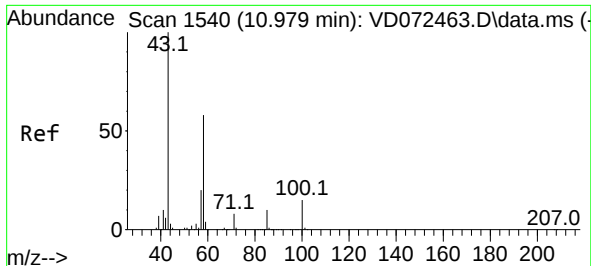
Tgt Ion: 63 Resp: 437544

Ion Ratio Lower Upper

63 100

106 31.2 21.4 32.0

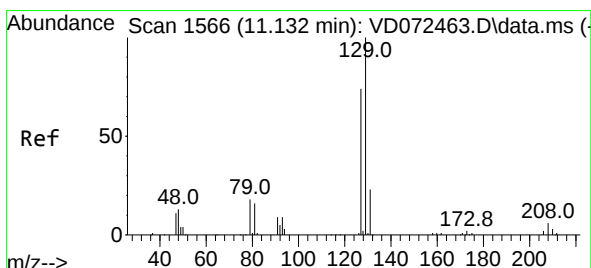
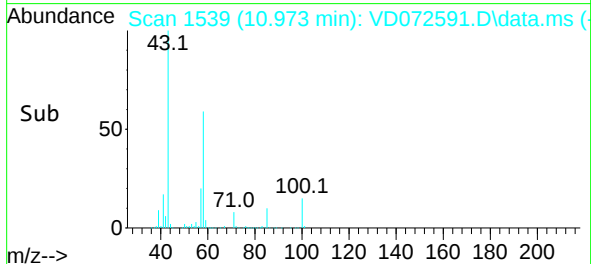
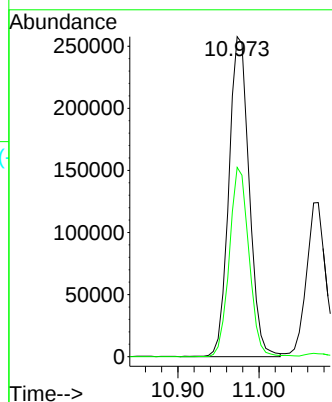
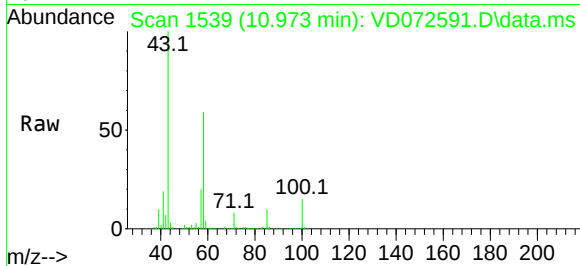




#59
2-Hexanone
Concen: 284.158 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

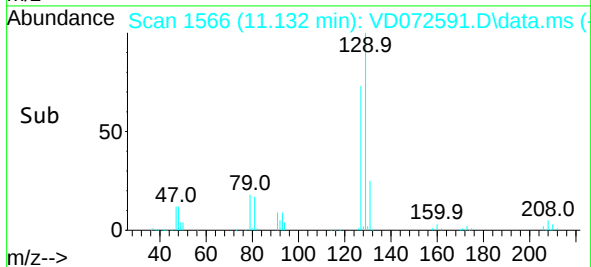
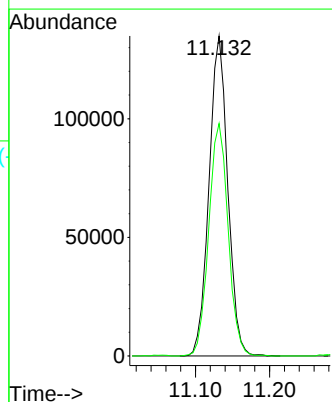
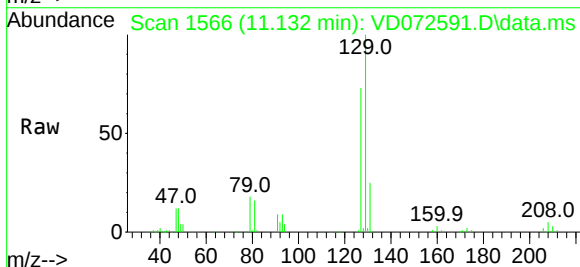
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

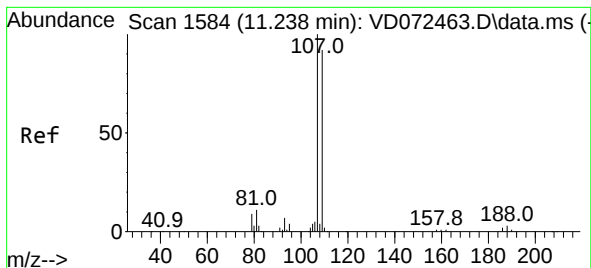
Tgt Ion: 43 Resp: 447742
Ion Ratio Lower Upper
43 100
58 57.2 25.3 75.9



#60
Dibromochloromethane
Concen: 55.906 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion:129 Resp: 236757
Ion Ratio Lower Upper
129 100
127 75.2 39.2 117.6

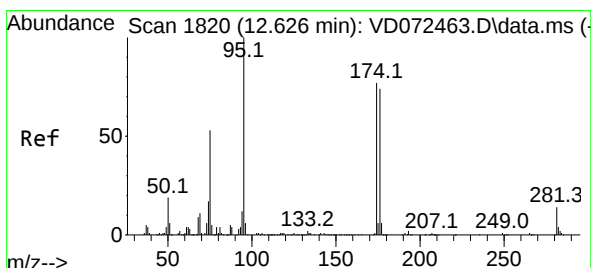
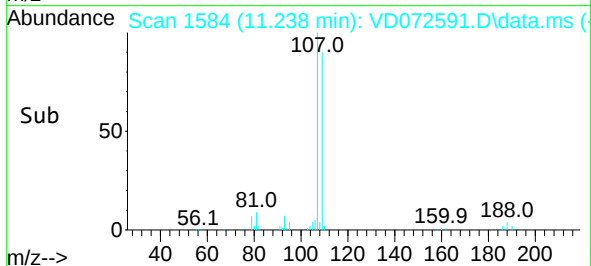
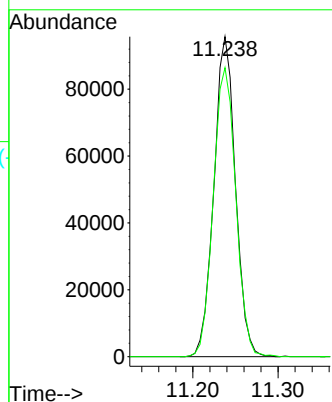
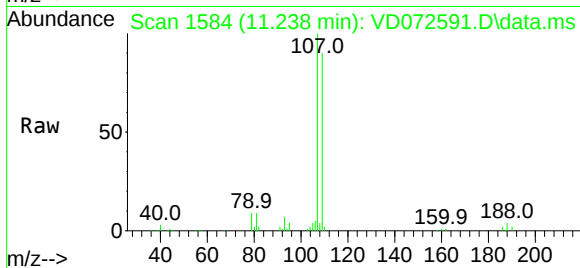




#61
1,2-Dibromoethane
Concen: 57.606 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

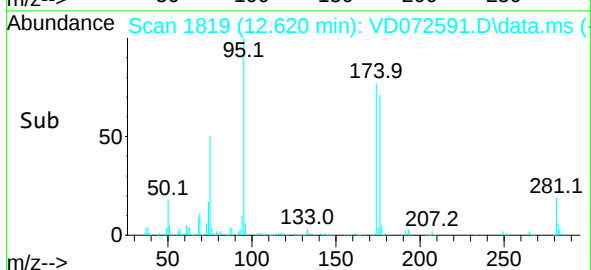
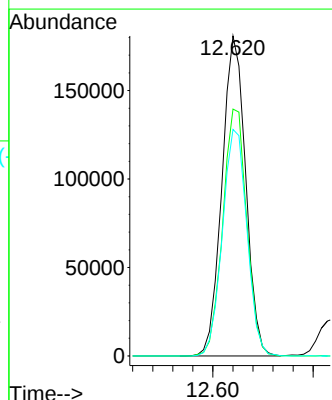
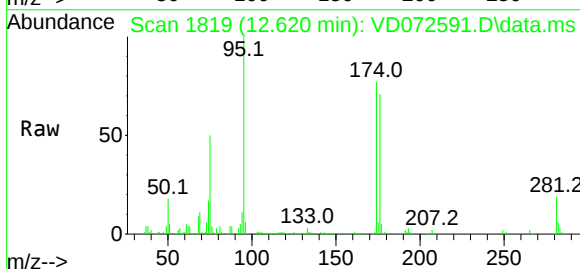
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

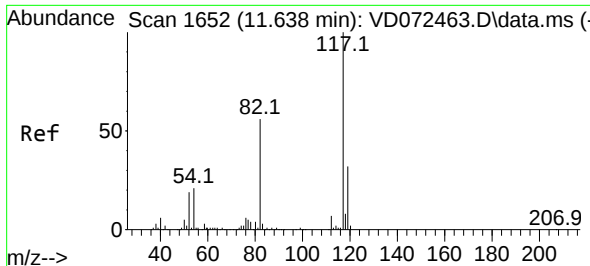
Tgt Ion:107 Resp: 167915
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.178 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 95 Resp: 295183
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 73.4 0.0 145.4

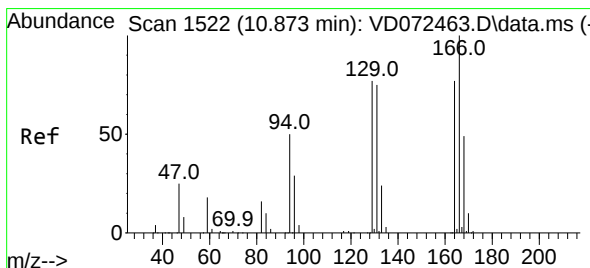
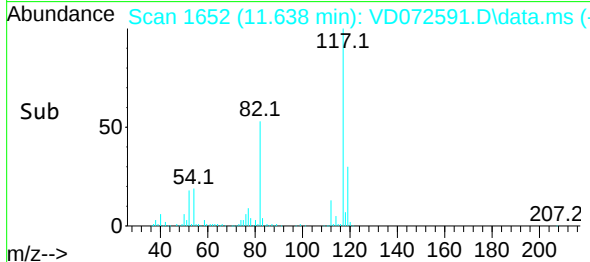
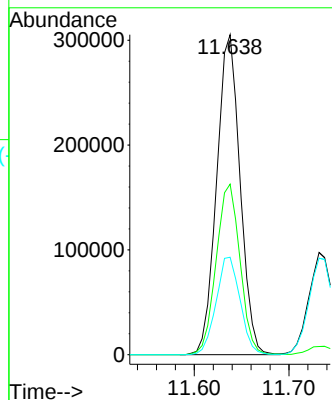
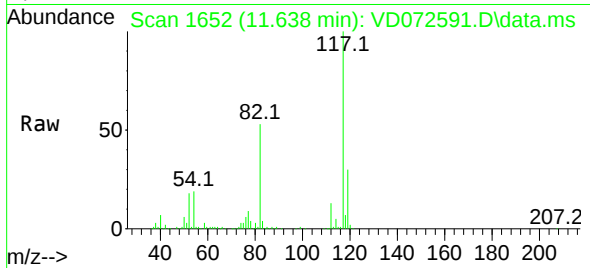




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

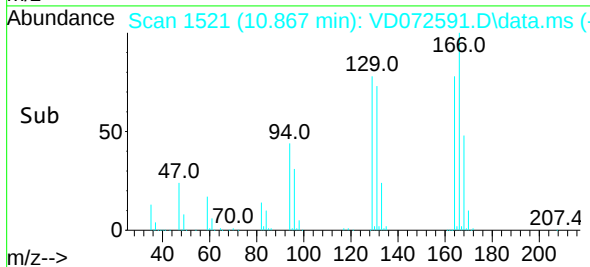
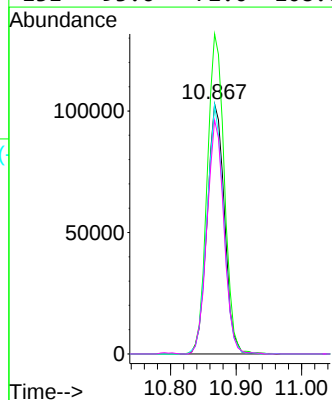
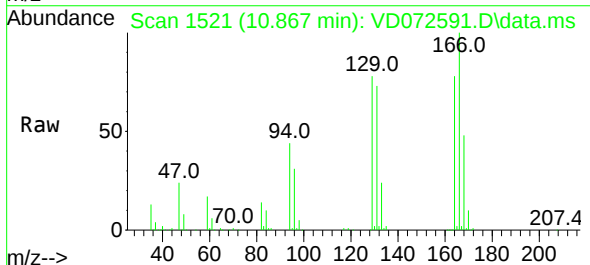
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

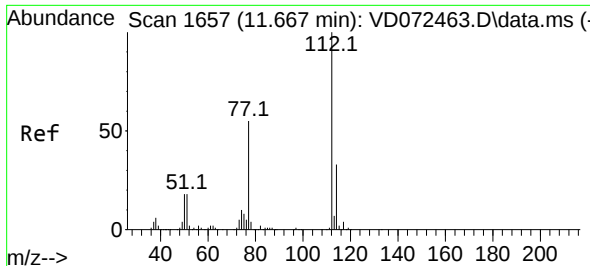
Tgt Ion:117 Resp: 524721
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 30.5 26.6 40.0



#64
Tetrachloroethene
Concen: 54.925 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion:164 Resp: 188302
Ion Ratio Lower Upper
164 100
166 128.0 98.5 147.7
129 99.8 74.6 111.8
131 93.6 72.0 108.0

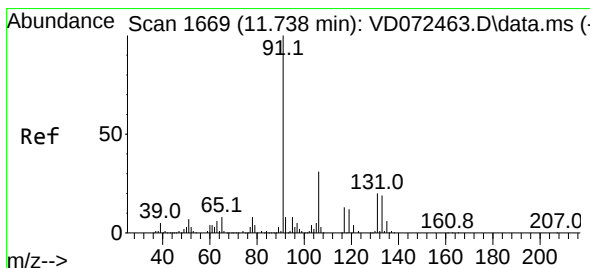
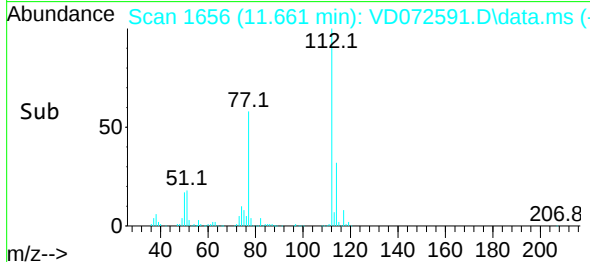
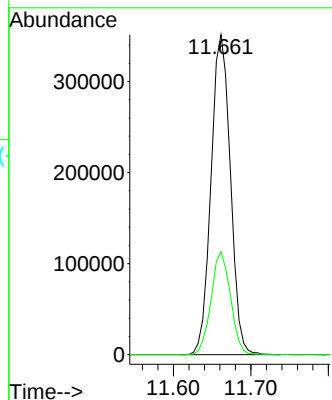
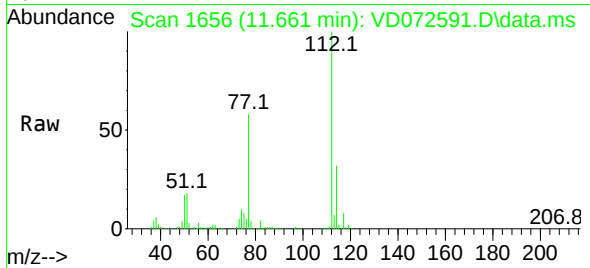




#65
Chlorobenzene
Concen: 52.131 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

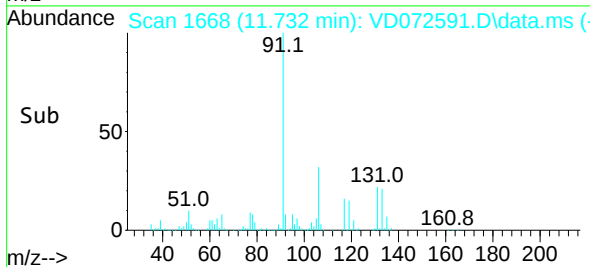
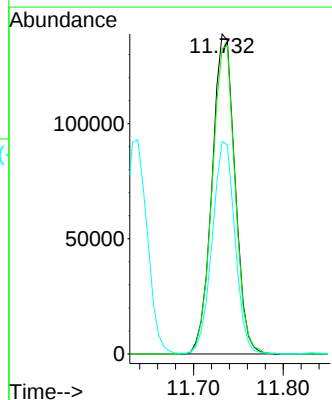
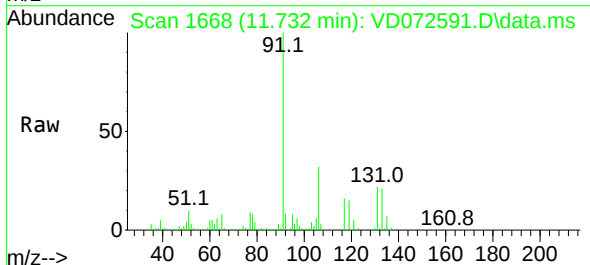
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

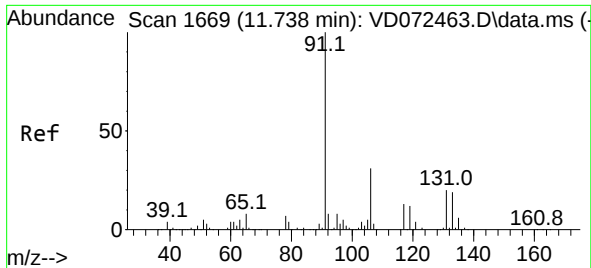
Tgt Ion:112 Resp: 611575
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.516 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion:131 Resp: 246313
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 66.0 31.9 95.9

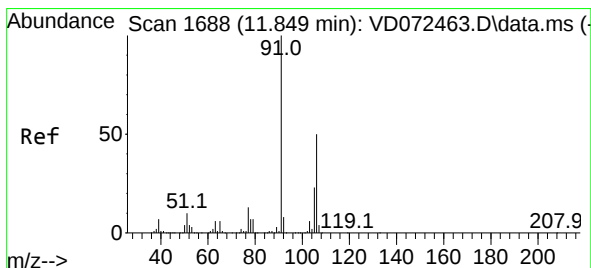
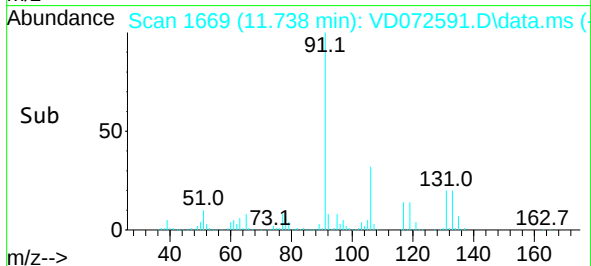
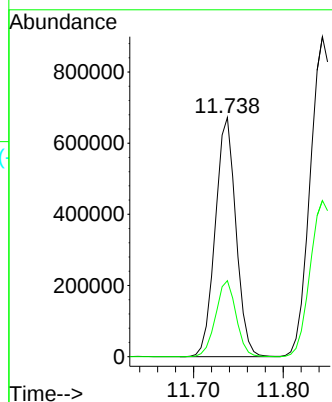
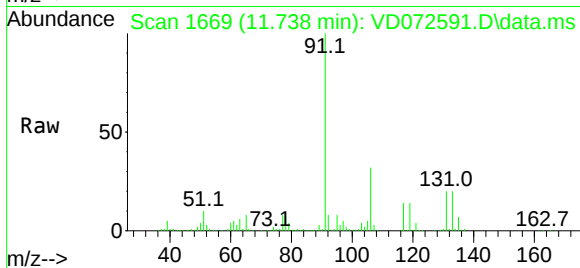




#67
Ethyl Benzene
Concen: 52.540 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

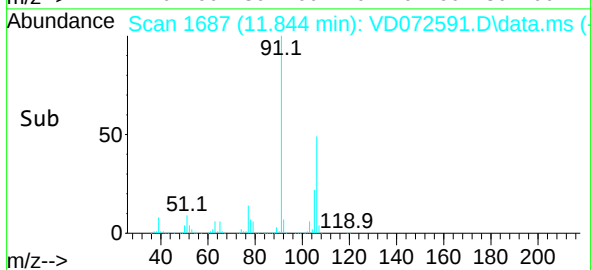
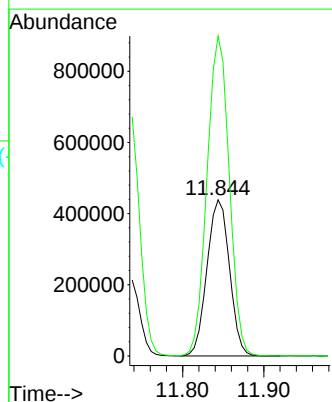
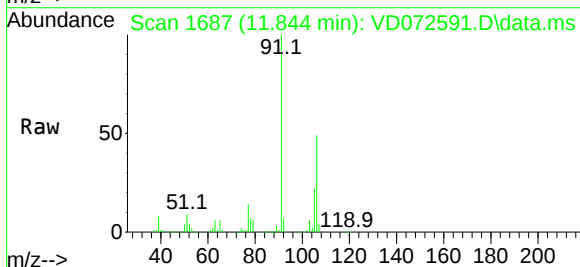
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

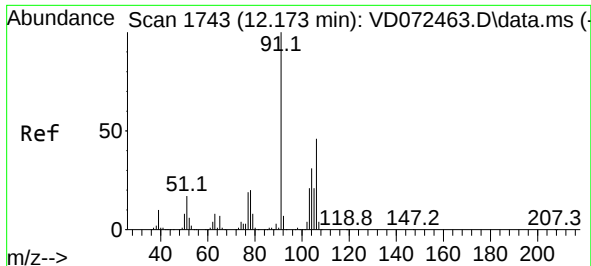
Tgt Ion: 91 Resp: 1075501
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#68
m/p-Xylenes
Concen: 108.689 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 106 Resp: 844073
Ion Ratio Lower Upper
106 100
91 202.5 163.7 245.5

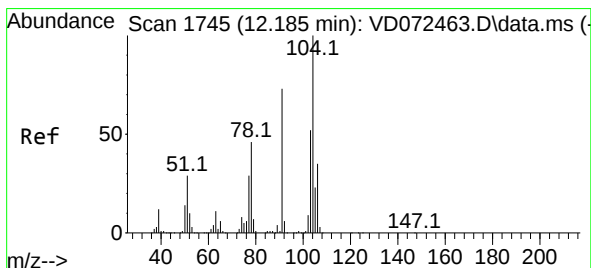
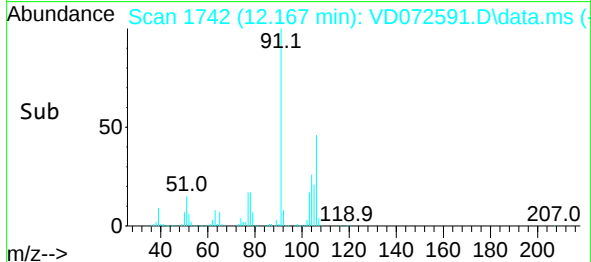
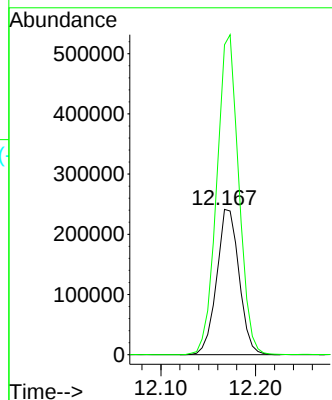
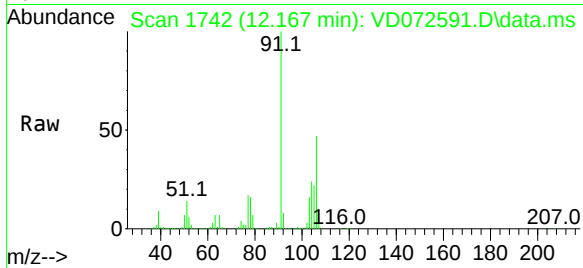




#69
o-Xylene
Concen: 52.879 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

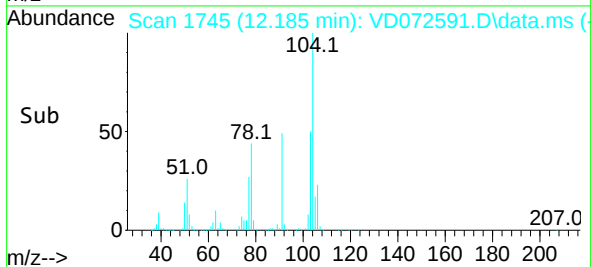
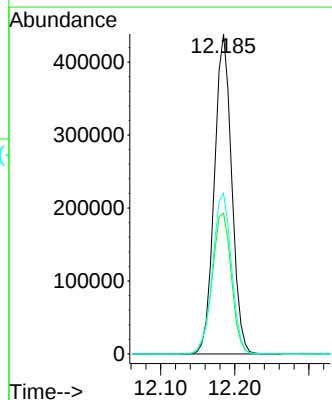
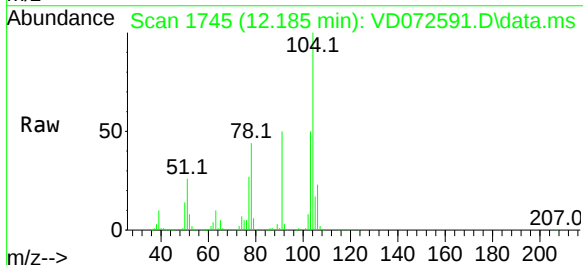
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

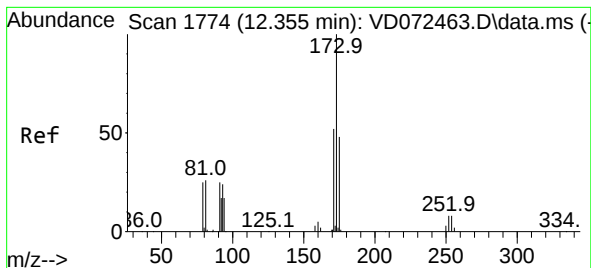
Tgt Ion:106 Resp: 396218
Ion Ratio Lower Upper
106 100
91 216.9 110.4 331.2



#70
Styrene
Concen: 53.884 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion:104 Resp: 711558
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 54.5 44.2 66.4





#71

Bromoform

Concen: 55.739 ug/l

RT: 12.349 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

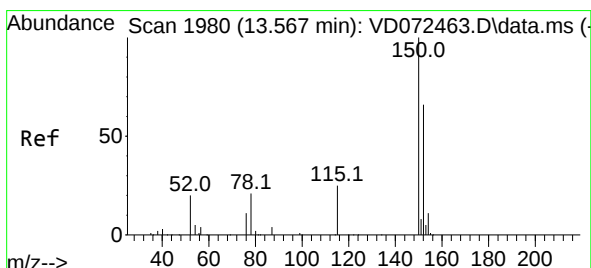
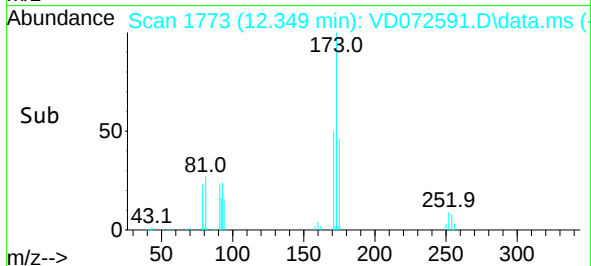
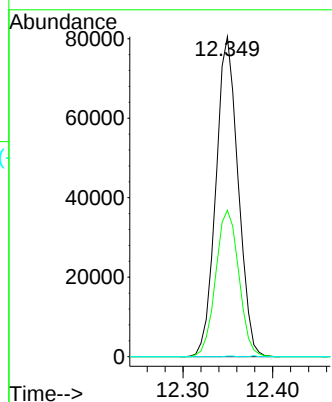
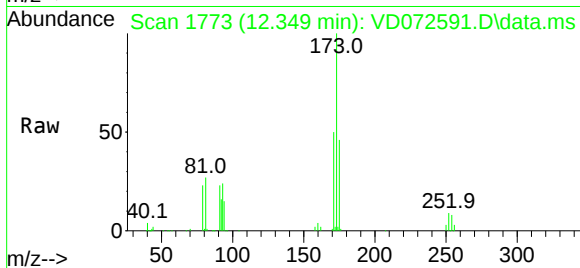
Tgt Ion:173 Resp: 138591

Ion Ratio Lower Upper

173 100

175 47.6 23.9 71.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

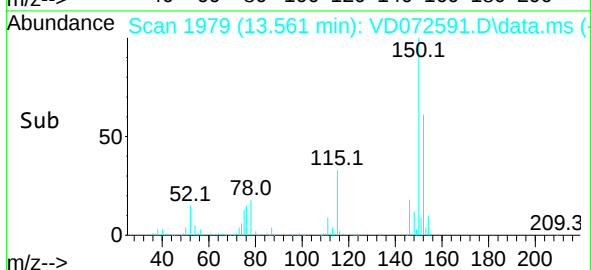
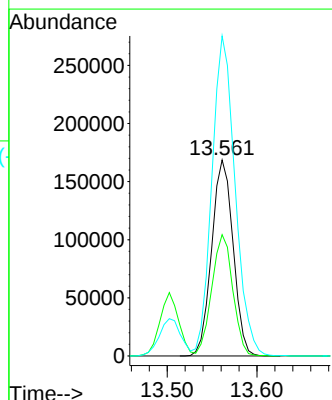
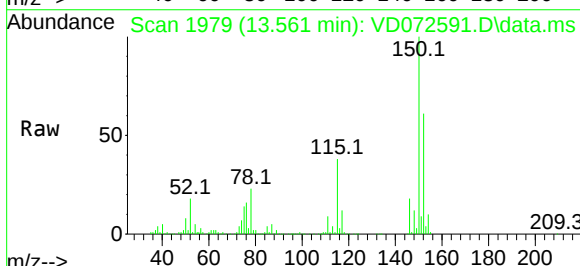
Tgt Ion:152 Resp: 279586

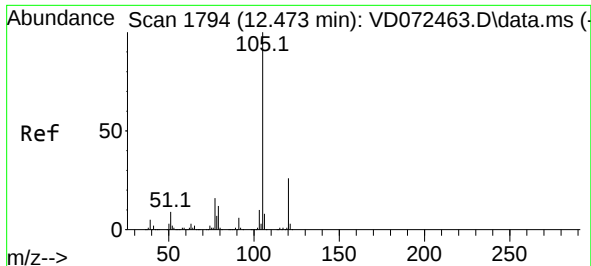
Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 176.8 0.0 348.6

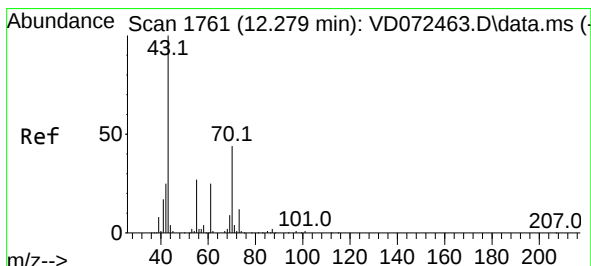
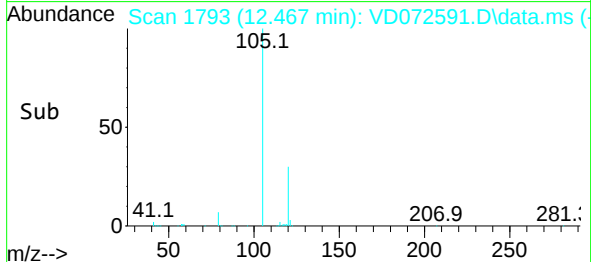
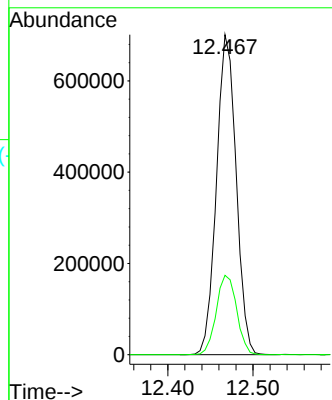
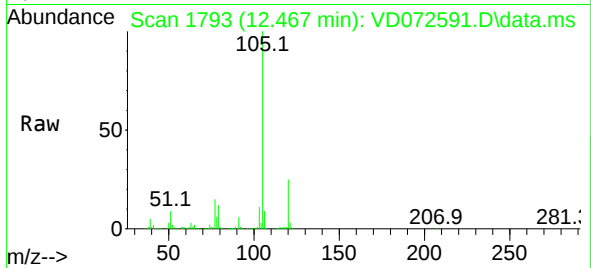




#73
Isopropylbenzene
Concen: 49.785 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

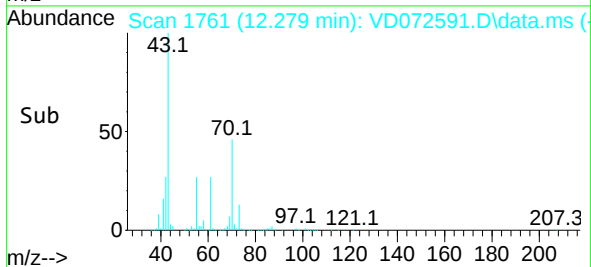
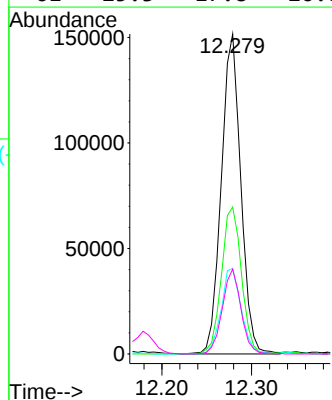
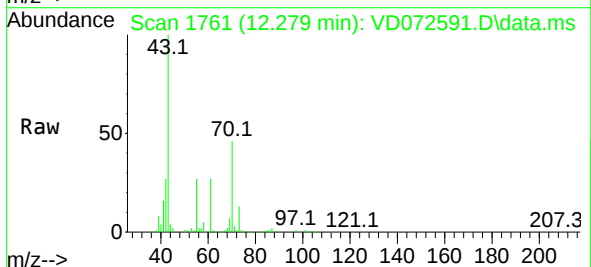
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

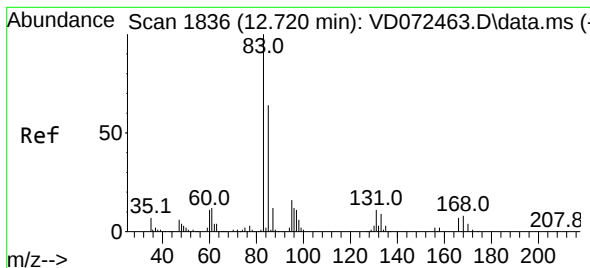
Tgt Ion:105 Resp: 1124117
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 48.360 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 43 Resp: 229115
Ion Ratio Lower Upper
43 100
70 47.1 31.3 46.9#
55 27.5 20.0 30.0
61 25.3 17.8 26.8

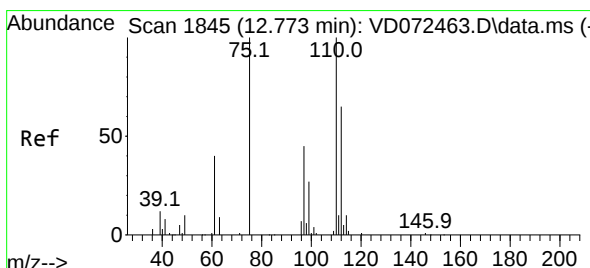
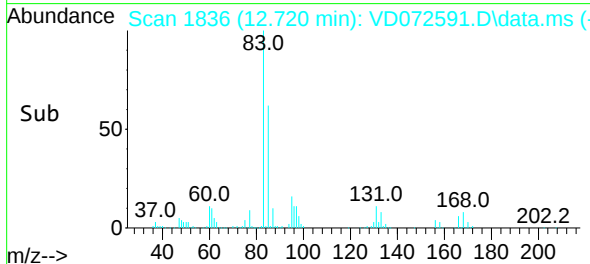
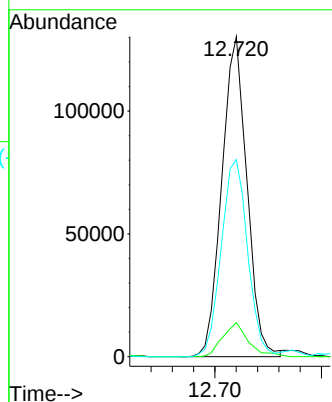
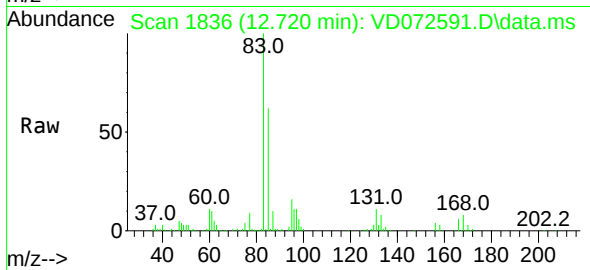




#75
1,1,2,2-Tetrachloroethane
Concen: 49.929 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

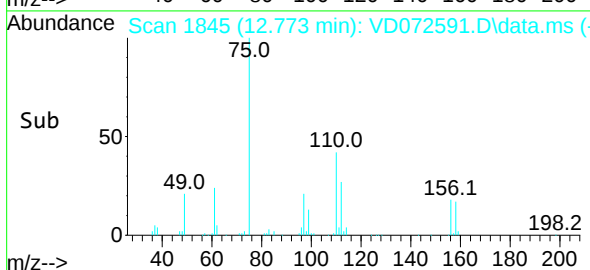
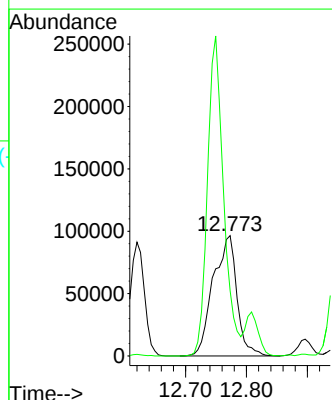
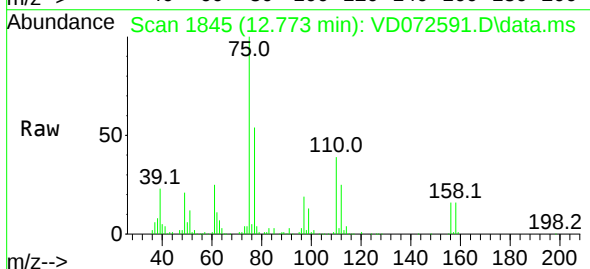
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

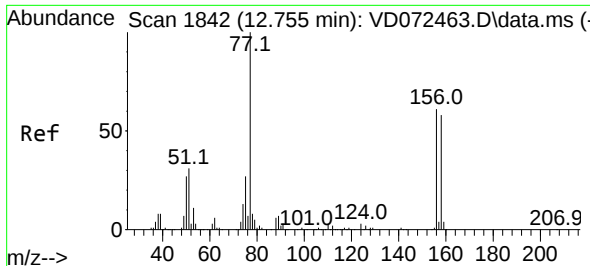
Tgt Ion: 83 Resp: 213538
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 64.6 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 85.685 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 75 Resp: 261282
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

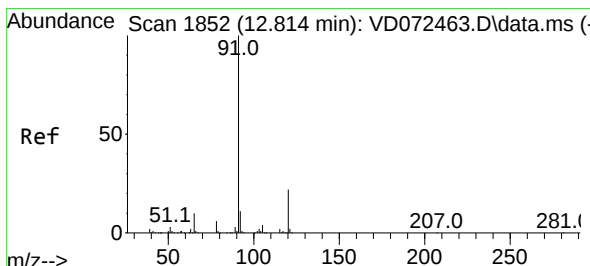
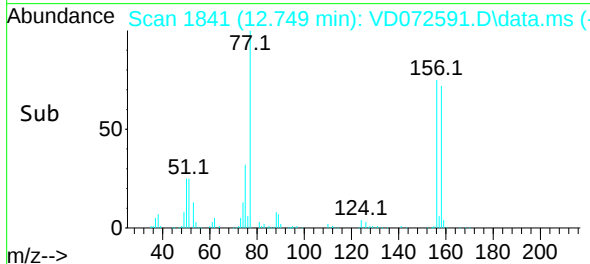
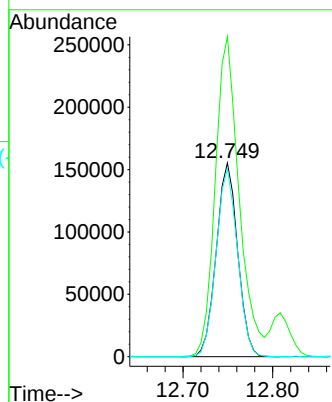
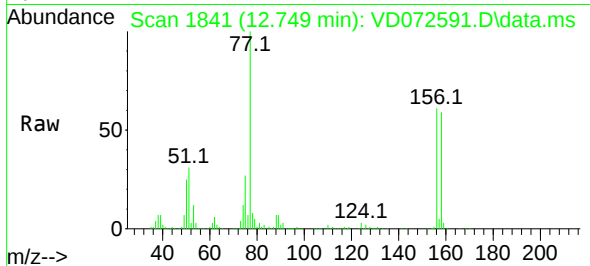




#77
Bromobenzene
Concen: 50.725 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

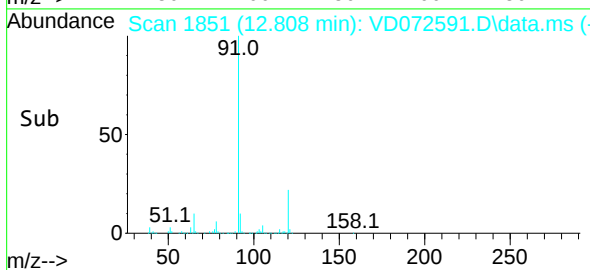
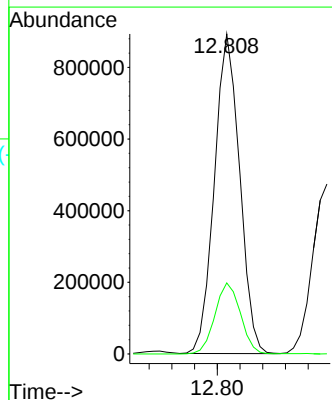
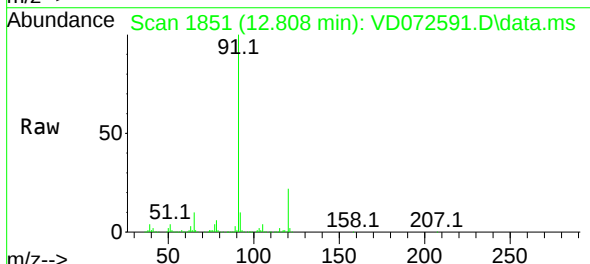
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

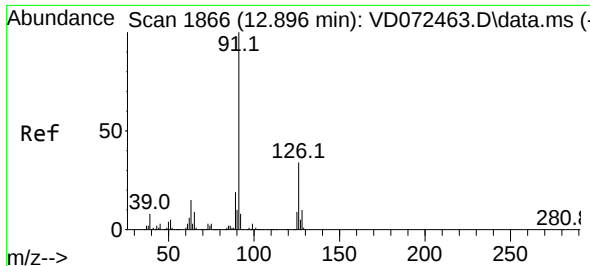
Tgt Ion:156 Resp: 256718
Ion Ratio Lower Upper
156 100
77 184.6 102.8 308.3
158 97.0 48.7 146.1



#78
n-propylbenzene
Concen: 50.522 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 91 Resp: 1376177
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9

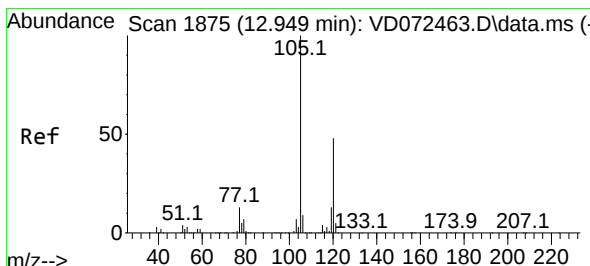
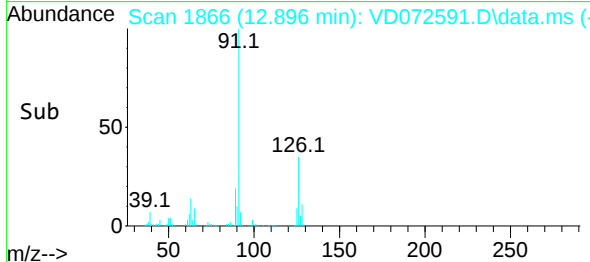
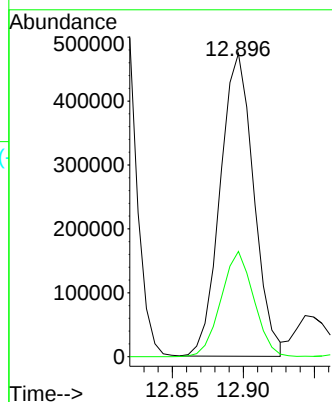
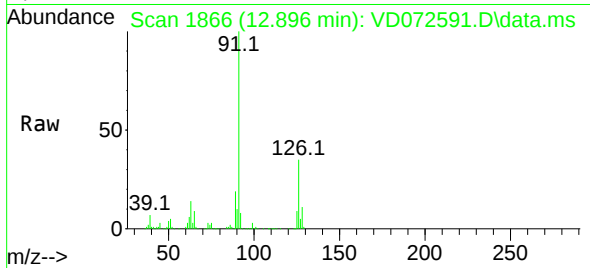




#79
2-Chlorotoluene
Concen: 48.860 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

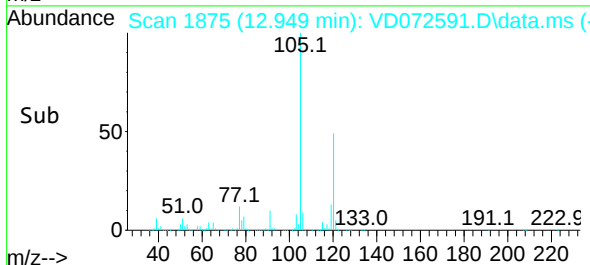
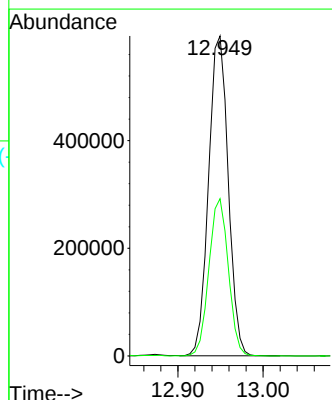
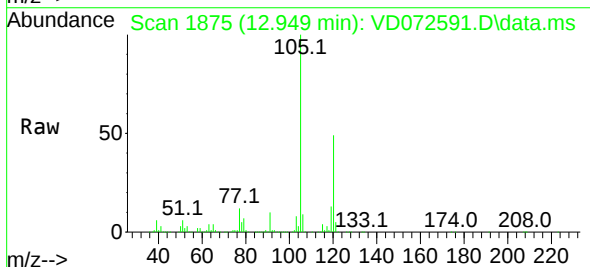
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

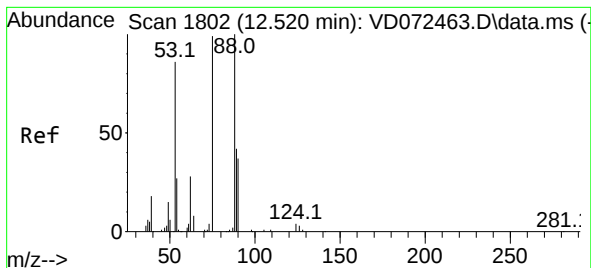
Tgt Ion: 91 Resp: 778335
Ion Ratio Lower Upper
91 100
126 34.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.302 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 105 Resp: 953404
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

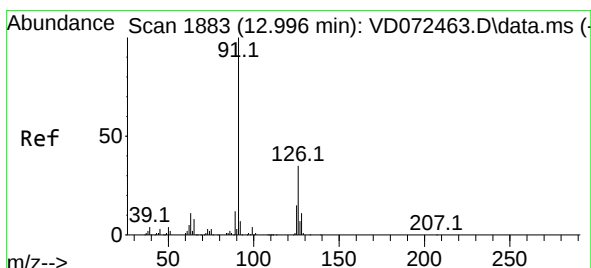
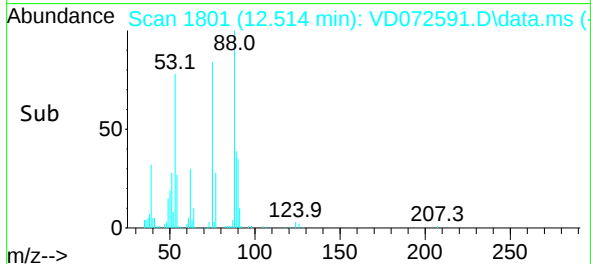
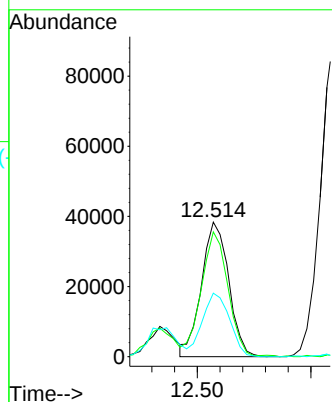
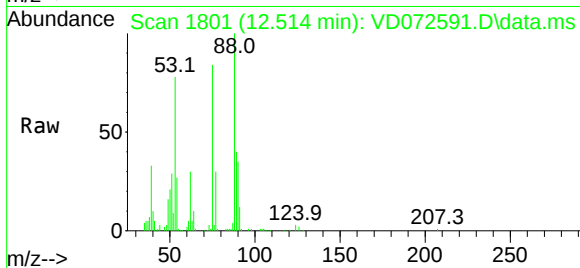




#81
trans-1,4-Dichloro-2-butene
Concen: 51.480 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

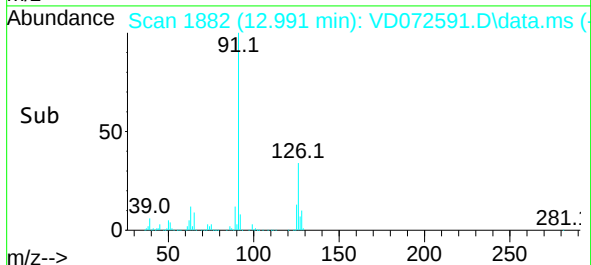
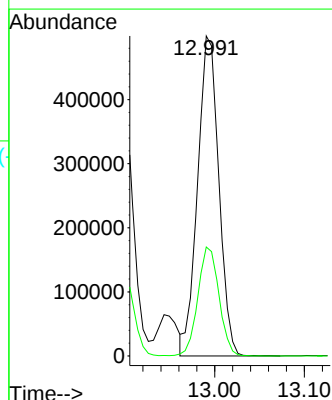
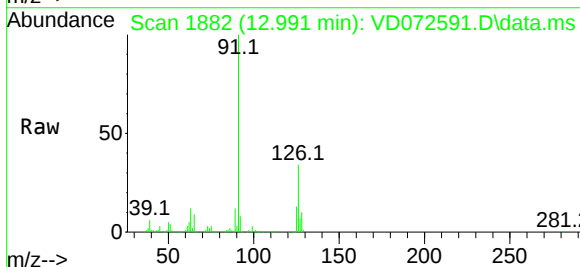
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

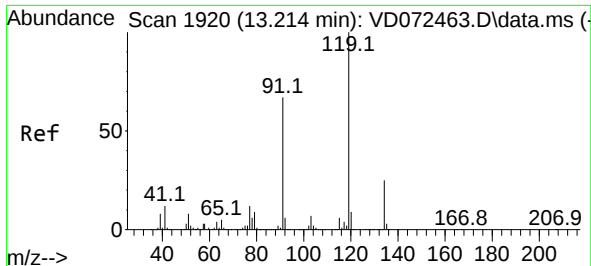
Tgt Ion: 75 Resp: 63974
Ion Ratio Lower Upper
75 100
53 91.6 86.5 129.7
89 47.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.303 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 91 Resp: 817967
Ion Ratio Lower Upper
91 100
126 34.0 16.5 49.5

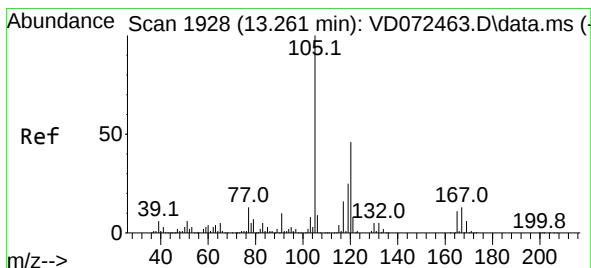
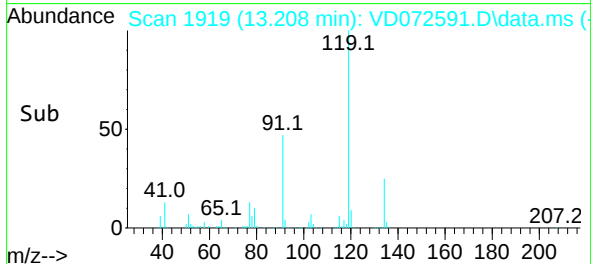
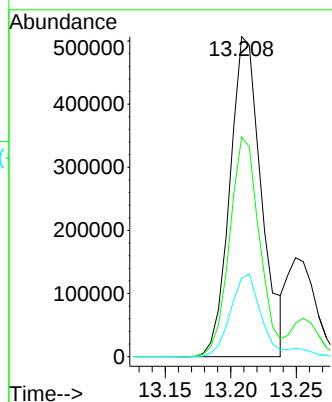
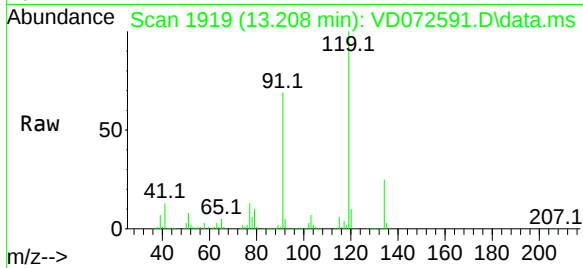




#83
tert-Butylbenzene
Concen: 50.563 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

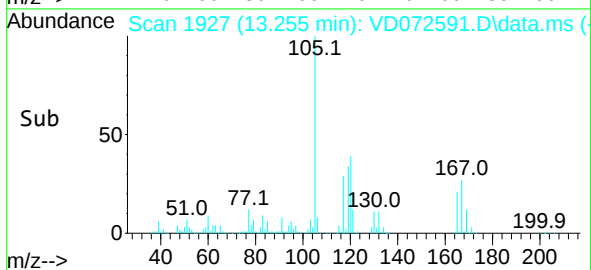
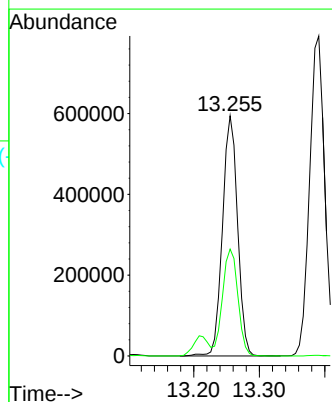
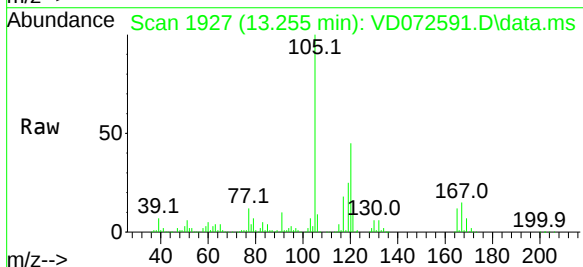
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

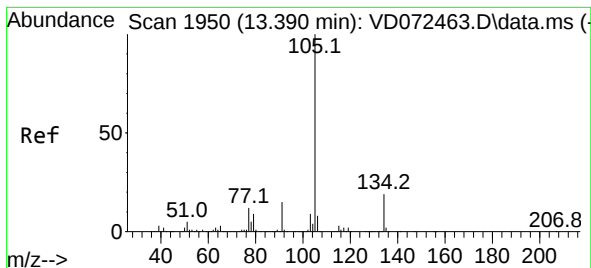
Tgt Ion:119 Resp: 846505
Ion Ratio Lower Upper
119 100
91 65.2 34.8 104.5
134 24.9 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.033 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion:105 Resp: 946129
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.933 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

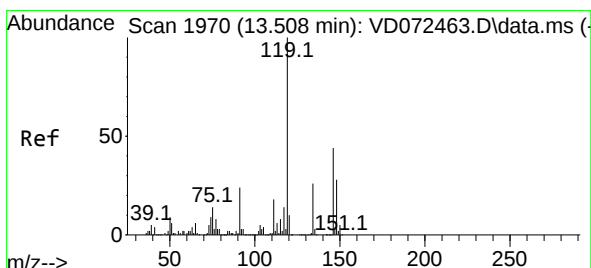
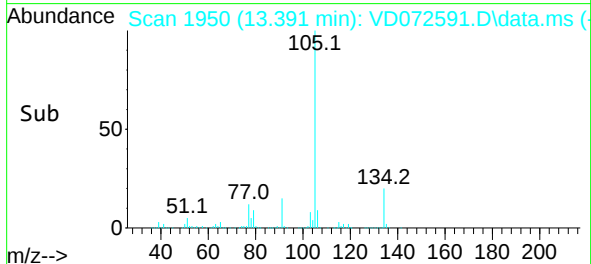
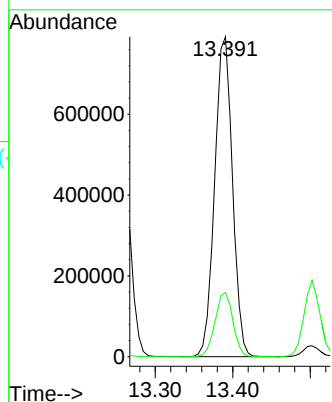
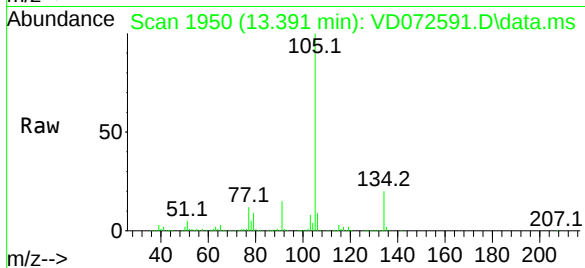
VSTDCCC050

Tgt Ion:105 Resp: 1259172

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.270 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

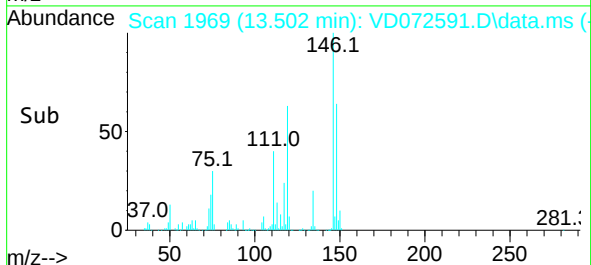
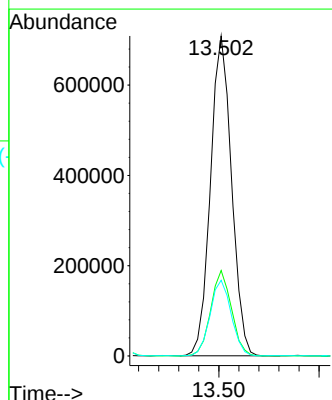
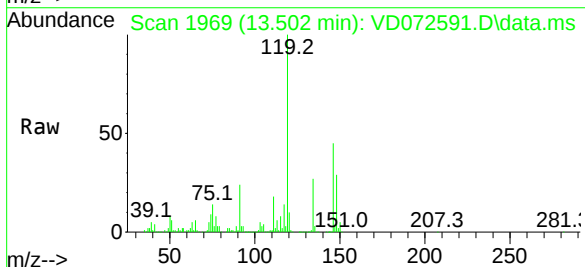
Tgt Ion:119 Resp: 1036166

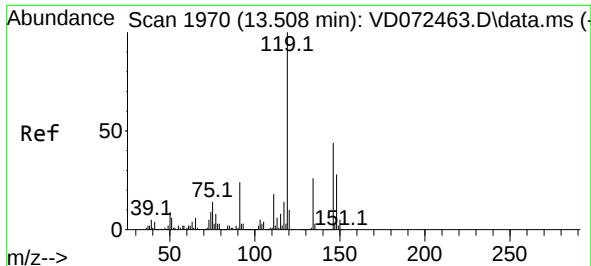
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.427 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

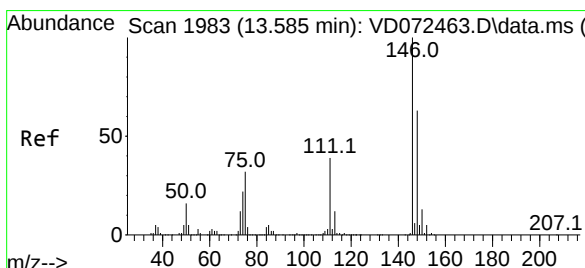
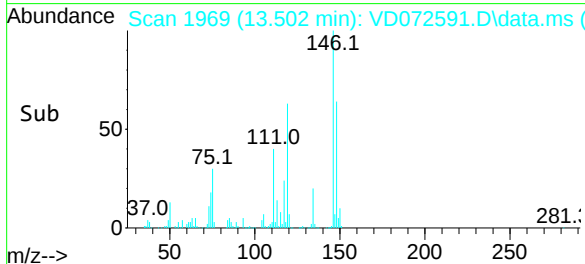
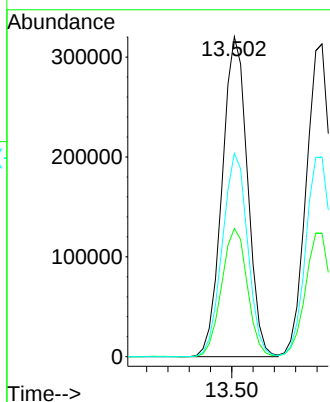
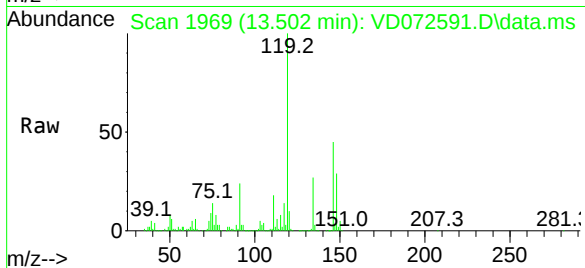
Tgt Ion:146 Resp: 528826

Ion Ratio Lower Upper

146 100

111 40.7 20.4 61.3

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 48.502 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

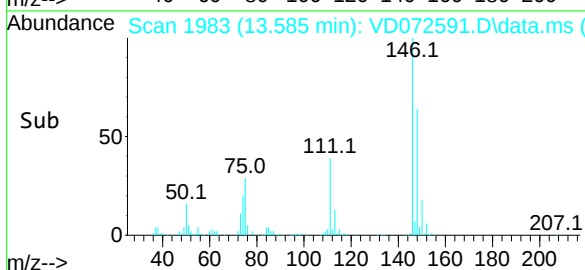
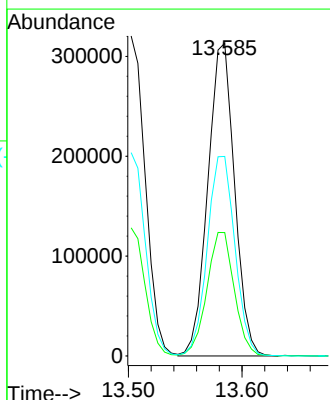
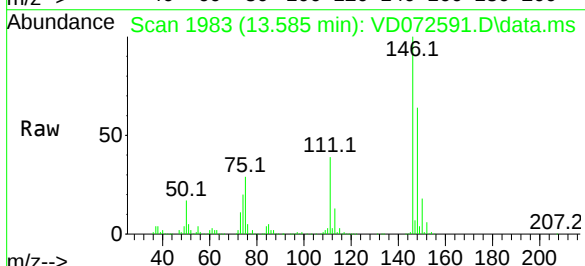
Tgt Ion:146 Resp: 512644

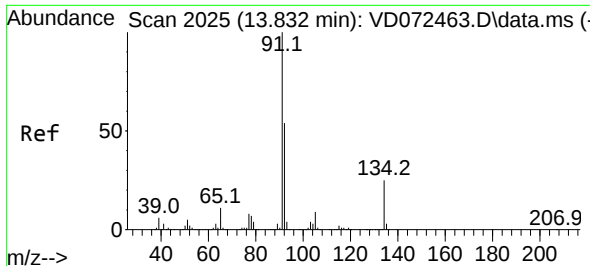
Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.9

148 66.0 31.7 95.1

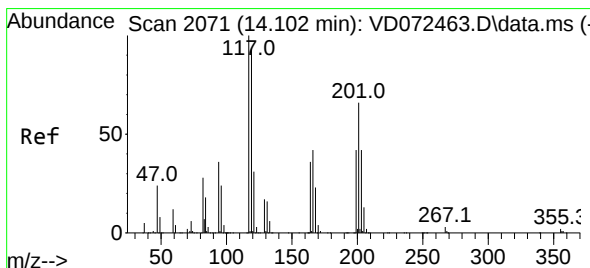
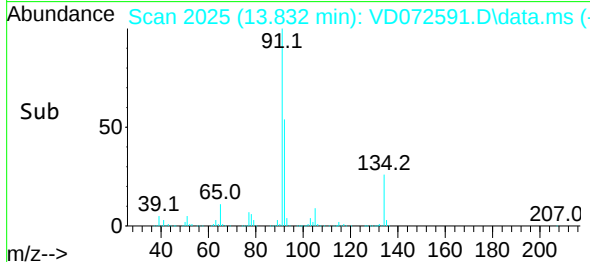
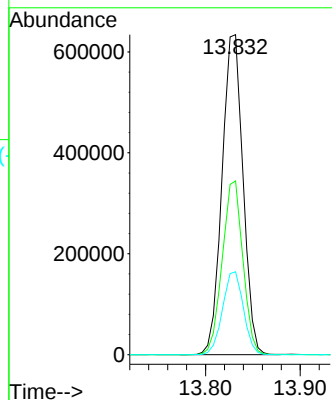
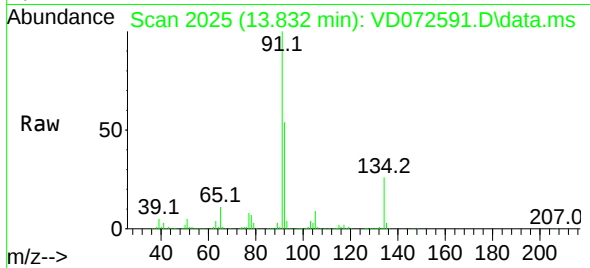




#89
n-Butylbenzene
Concen: 49.829 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

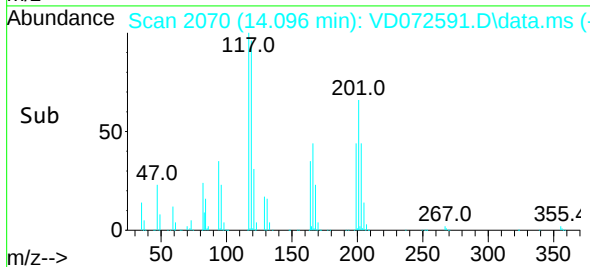
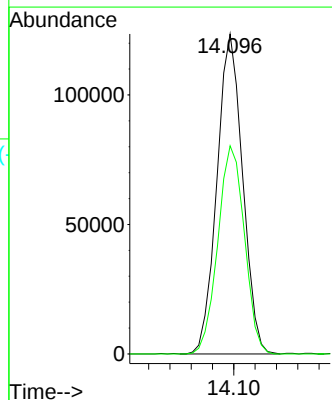
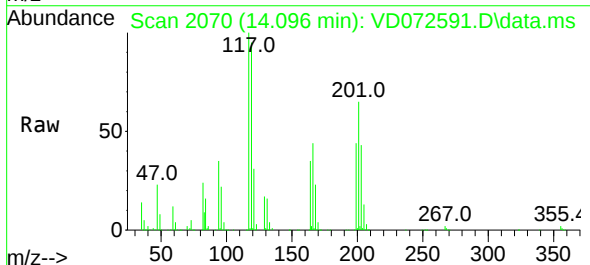
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

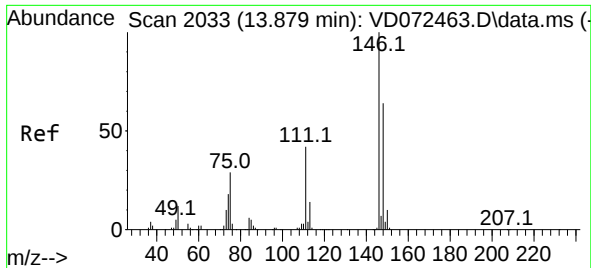
Tgt Ion: 91 Resp: 978421
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 25.8 12.3 36.9



#90
Hexachloroethane
Concen: 48.963 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 117 Resp: 206606
Ion Ratio Lower Upper
117 100
201 67.3 33.4 100.2

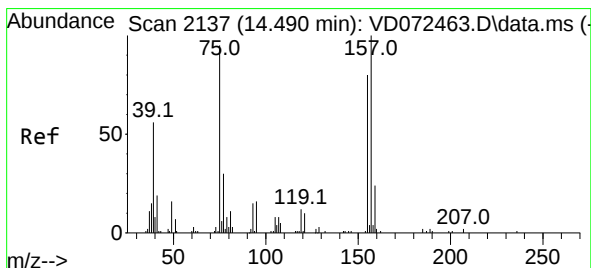
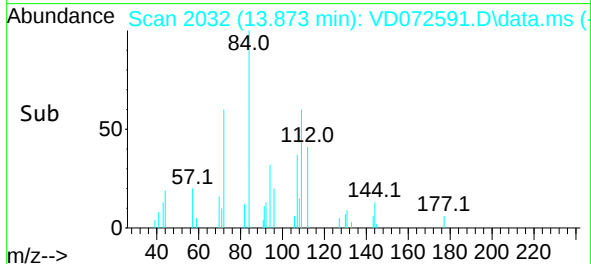
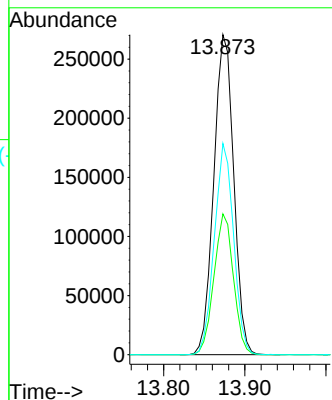
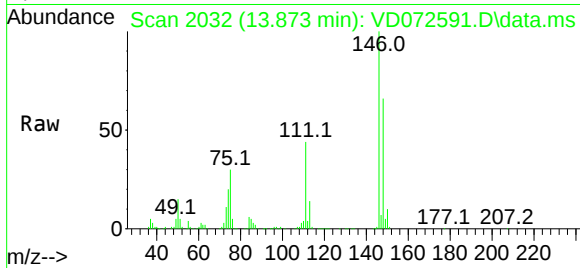




#91
1,2-Dichlorobenzene
Concen: 49.988 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

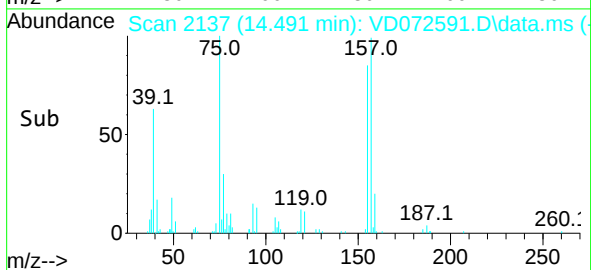
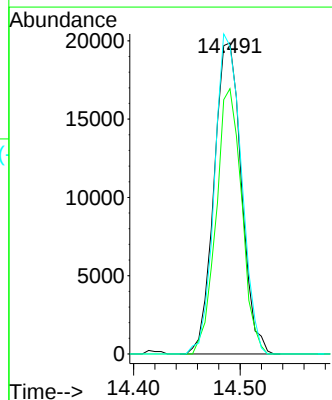
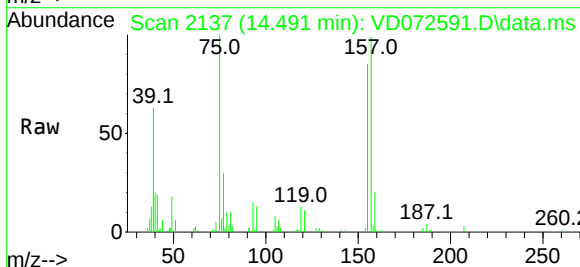
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

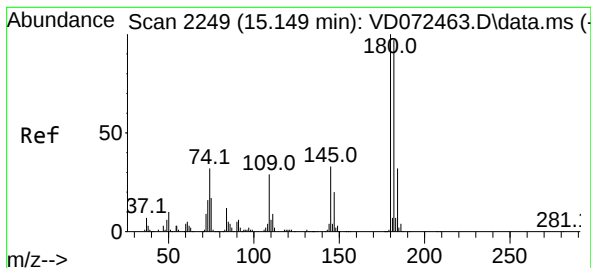
Tgt Ion:146 Resp: 462366
Ion Ratio Lower Upper
146 100
111 43.0 21.1 63.3
148 63.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.071 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072591.D
Acq: 18 Apr 2022 11:43

Tgt Ion: 75 Resp: 35466
Ion Ratio Lower Upper
75 100
155 79.7 36.8 110.3
157 100.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 50.279 ug/l

RT: 15.143 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

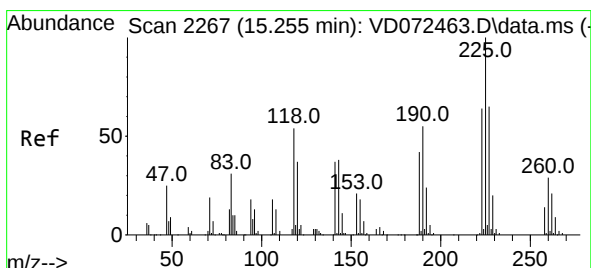
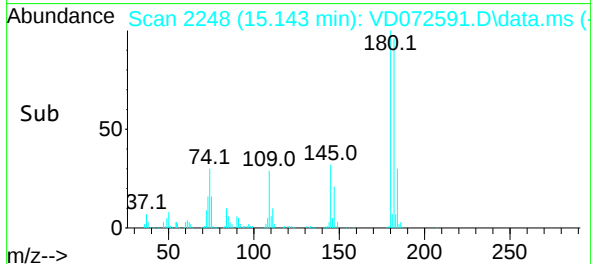
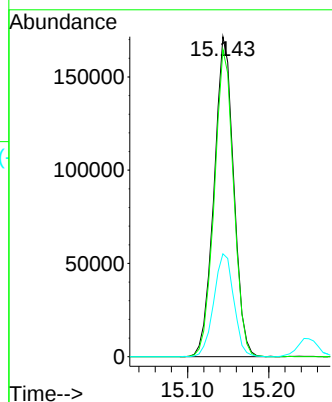
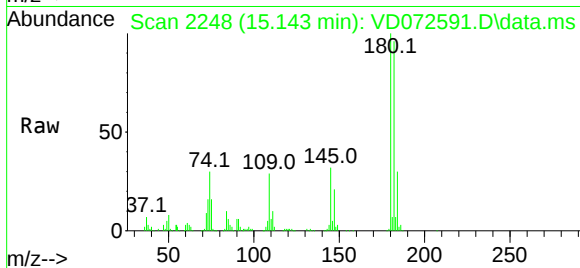
Tgt Ion:180 Resp: 288264

Ion Ratio Lower Upper

180 100

182 94.4 47.3 142.0

145 32.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 51.071 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

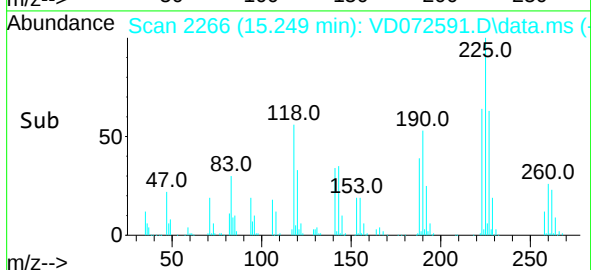
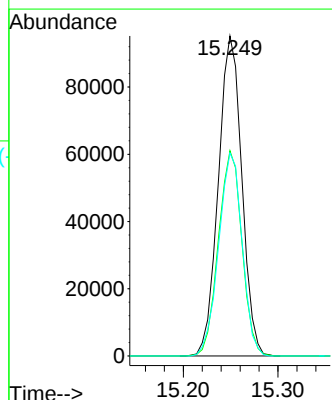
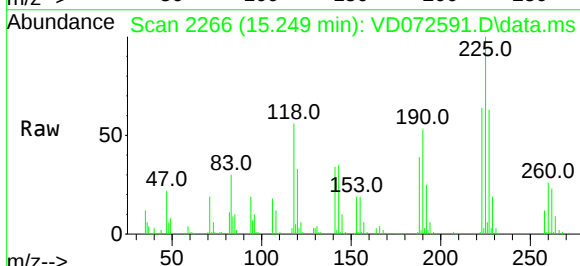
Tgt Ion:225 Resp: 164012

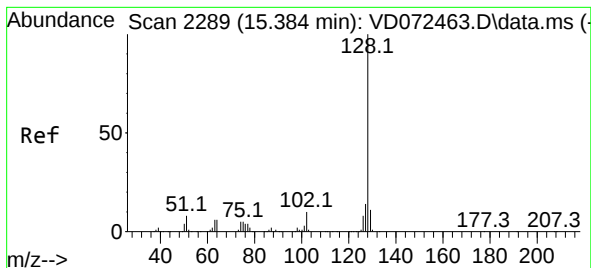
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 63.3 32.4 97.0





#95

Naphthalene

Concen: 48.530 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

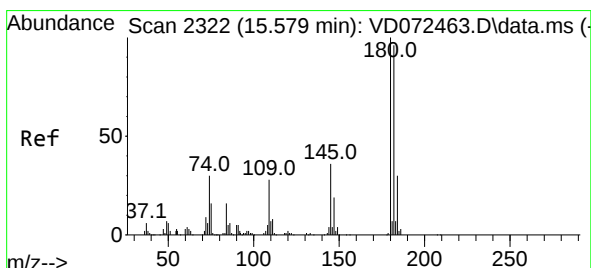
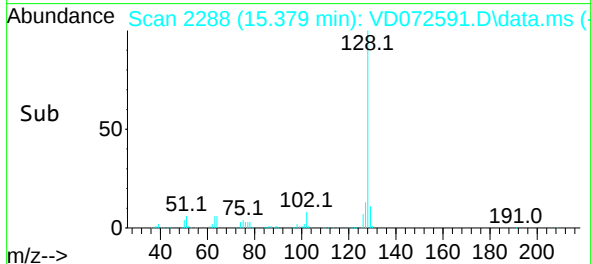
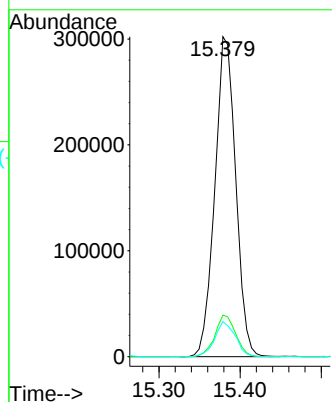
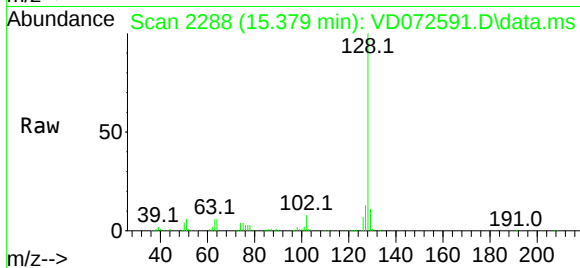
Tgt Ion:128 Resp: 540638

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.783 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD072591.D

Acq: 18 Apr 2022 11:43

Tgt Ion:180 Resp: 254112

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 35.0 17.1 51.3

