

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072398.D
 Acq On : 24 Mar 2022 10:05
 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: Mar 24 16:44:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	421041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	677879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	626715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	306696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239253	50.989	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	101.980%	
35) Dibromofluoromethane	7.908	113	235692	49.408	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	98.820%	
50) Toluene-d8	10.338	98	856727	49.117	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	98.240%	
62) 4-Bromofluorobenzene	12.626	95	322399	47.570	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	95.140%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	169001	43.397	ug/l	97
3) Chloromethane	2.209	50	187265	54.114	ug/l	100
4) Vinyl Chloride	2.350	62	192429	57.607	ug/l	100
5) Bromomethane	2.762	94	126045	57.947	ug/l	95
6) Chloroethane	2.921	64	130746	59.200	ug/l	94
7) Trichlorofluoromethane	3.273	101	365028	48.389	ug/l	95
8) Diethyl Ether	3.709	74	105671	50.720	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.097	101	232938	48.428	ug/l	97
10) Methyl Iodide	4.297	142	190851	44.543	ug/l	98
11) Tert butyl alcohol	5.214	59	60636	222.875	ug/l	96
12) 1,1-Dichloroethene	4.067	96	194056	50.148	ug/l	95
13) Acrolein	3.920	56	48924	201.526	ug/l	97
14) Allyl chloride	4.715	41	361711	53.462	ug/l	94
15) Acrylonitrile	5.414	53	265455	252.513	ug/l	99
16) Acetone	4.150	43	239665	235.246	ug/l	96
17) Carbon Disulfide	4.409	76	438568	48.636	ug/l	99
18) Methyl Acetate	4.720	43	121408	48.629	ug/l	95
19) Methyl tert-butyl Ether	5.479	73	530943	50.480	ug/l	98
20) Methylene Chloride	4.962	84	244787	48.330	ug/l	92
21) trans-1,2-Dichloroethene	5.467	96	223458	52.209	ug/l	96
22) Diisopropyl ether	6.356	45	829327	53.740	ug/l	95
23) Vinyl Acetate	6.303	43	2183813	277.281	ug/l	97
24) 1,1-Dichloroethane	6.261	63	467859	51.406	ug/l	99
25) 2-Butanone	7.203	43	345064	254.030	ug/l	96
26) 2,2-Dichloropropane	7.208	77	404506	49.259	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	267496	48.953	ug/l	98
28) Bromochloromethane	7.538	49	204458	55.803	ug/l	90
29) Tetrahydrofuran	7.556	42	209492	262.280	ug/l	97
30) Chloroform	7.703	83	483163	49.832	ug/l	99
31) Cyclohexane	7.979	56	376645	51.377	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	421643	48.964	ug/l	98
36) 1,1-Dichloropropene	8.108	75	338901	50.642	ug/l	98
37) Ethyl Acetate	7.285	43	156433	53.364	ug/l	97
38) Carbon Tetrachloride	8.097	117	365652	48.068	ug/l	99
39) Methylcyclohexane	9.350	83	389470	51.719	ug/l	99
40) Benzene	8.344	78	966623	50.630	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	94375	55.235	ug/l	93
42) 1,2-Dichloroethane	8.420	62	293582	50.692	ug/l	98
43) Isopropyl Acetate	8.444	43	294655	51.787	ug/l	97
44) Trichloroethene	9.103	130	260644	48.630	ug/l	98
45) 1,2-Dichloropropane	9.379	63	266579	50.913	ug/l	96
46) Dibromomethane	9.473	93	132075	51.279	ug/l	96
47) Bromodichloromethane	9.655	83	368714	49.106	ug/l	97
48) Methyl methacrylate	9.450	41	135918	50.029	ug/l	88
49) 1,4-Dioxane	9.455	88	31337	1014.609	ug/l #	94
51) 4-Methyl-2-Pentanone	10.220	43	767303	256.762	ug/l	96
52) Toluene	10.397	92	625892	49.821	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	337644	49.219	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	405802	51.171	ug/l	94
55) 1,1,2-Trichloroethane	10.797	97	196382	50.052	ug/l	98
56) Ethyl methacrylate	10.655	69	245207	53.357	ug/l	92
57) 1,3-Dichloropropane	10.938	76	327405	49.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	527604	255.336	ug/l	97
59) 2-Hexanone	10.979	43	553211	268.030	ug/l	100
60) Dibromochloromethane	11.132	129	242310	47.594	ug/l	100
61) 1,2-Dibromoethane	11.238	107	176408	49.757	ug/l	98
64) Tetrachloroethene	10.873	164	208088	47.125	ug/l	96
65) Chlorobenzene	11.661	112	676202	48.669	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	264189	48.084	ug/l	98
67) Ethyl Benzene	11.738	91	1237278	49.860	ug/l	99
68) m/p-Xylenes	11.844	106	943854	100.167	ug/l	100
69) o-Xylene	12.173	106	451340	50.076	ug/l	98
70) Styrene	12.185	104	782853	49.740	ug/l	98
71) Bromoform	12.355	173	136929	46.655	ug/l #	97
73) Isopropylbenzene	12.467	105	1251758	51.504	ug/l	100
74) N-amyl acetate	12.279	43	294427	56.372	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	215430	49.561	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	276745	81.802	ug/l #	100
77) Bromobenzene	12.749	156	269280	49.226	ug/l	96
78) n-propylbenzene	12.808	91	1524478	51.640	ug/l	99
79) 2-Chlorotoluene	12.896	91	863587	50.590	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1042417	49.925	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	64949	47.632	ug/l	97
82) 4-Chlorotoluene	12.996	91	888719	50.281	ug/l	100
83) tert-Butylbenzene	13.214	119	911122	49.773	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	1013117	49.245	ug/l	99
85) sec-Butylbenzene	13.391	105	1366575	49.712	ug/l	100
86) p-Isopropyltoluene	13.502	119	1134274	50.143	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	542650	47.333	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	539628	47.467	ug/l	100
89) n-Butylbenzene	13.832	91	1088090	50.465	ug/l	99
90) Hexachloroethane	14.096	117	211984	47.814	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	482907	48.312	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32844	47.346	ug/l	90
93) 1,2,4-Trichlorobenzene	15.149	180	303886	45.921	ug/l	99
94) Hexachlorobutadiene	15.255	225	173004	44.942	ug/l	98
95) Naphthalene	15.385	128	544939	47.771	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	264563	46.186	ug/l	99

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Response via : Initial Calibration

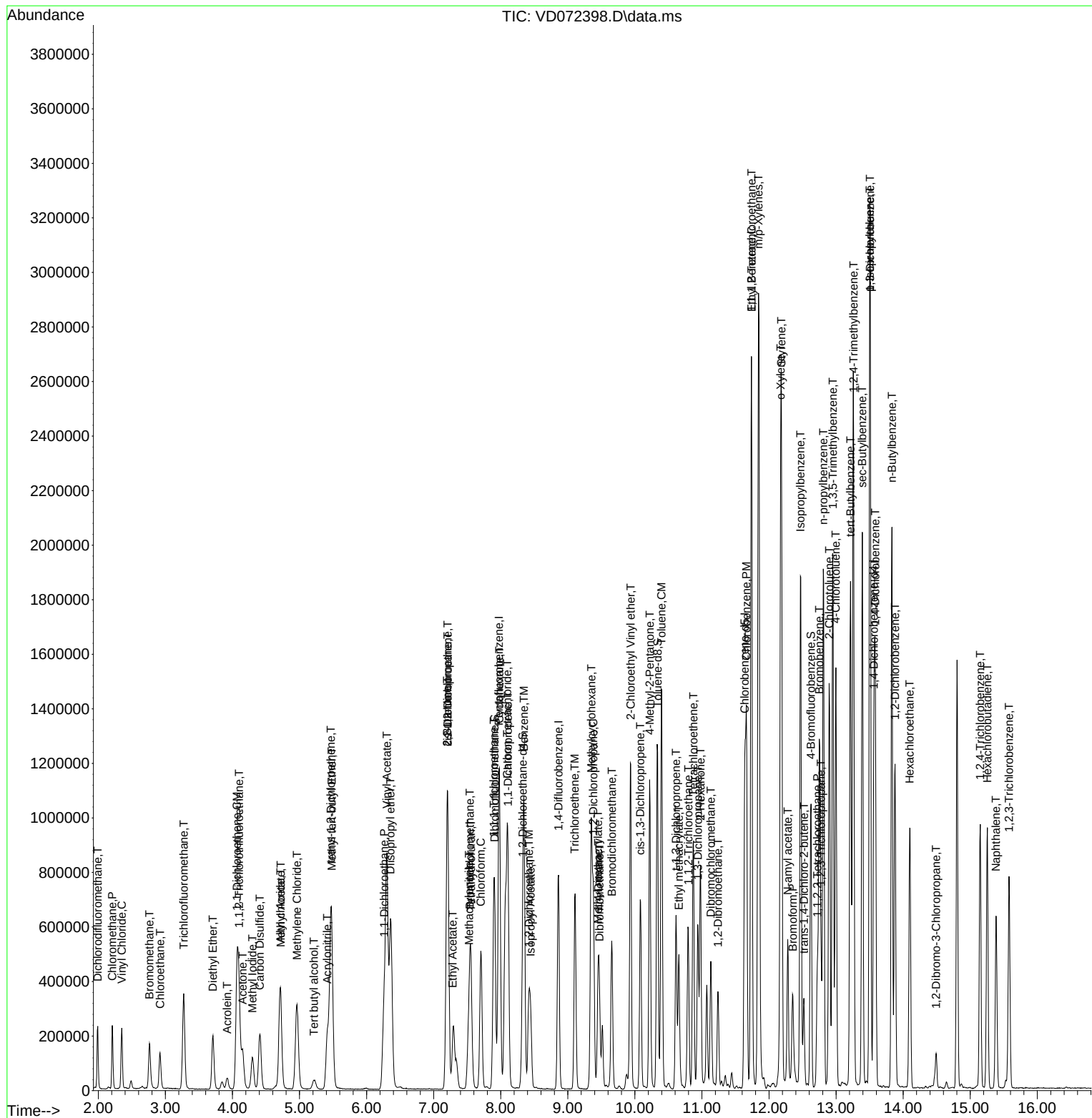
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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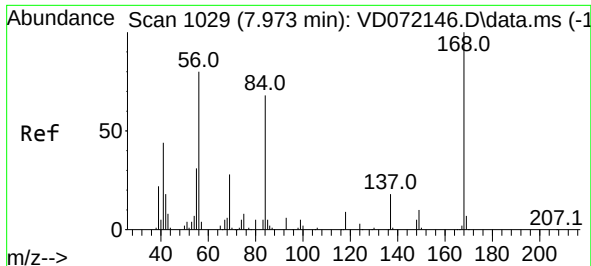
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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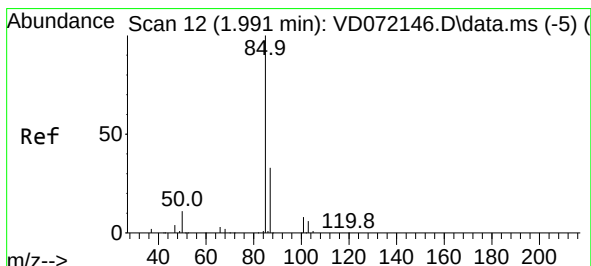
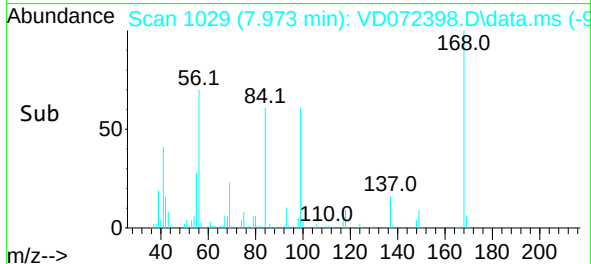
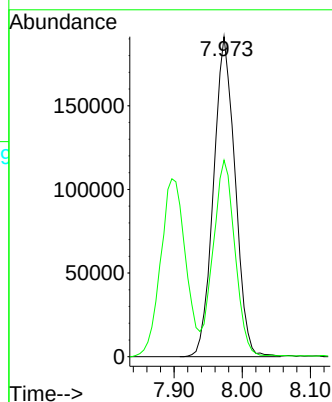
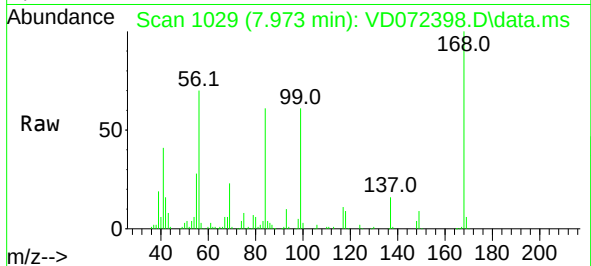




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072398.D
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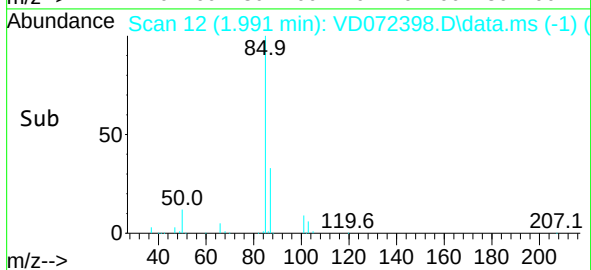
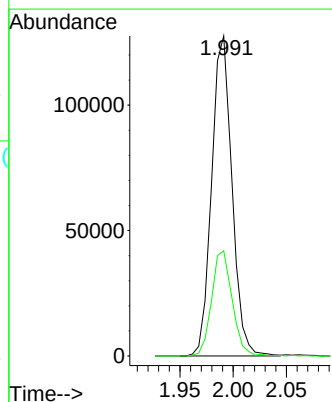
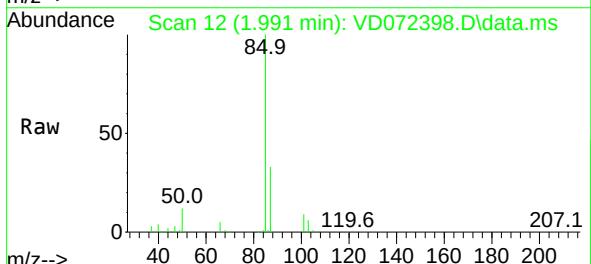
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

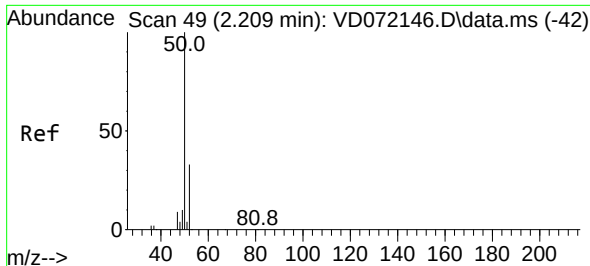
Tgt Ion:168 Resp: 421041
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.397 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 85 Resp: 169001
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

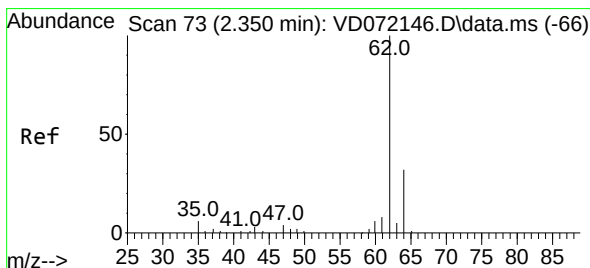
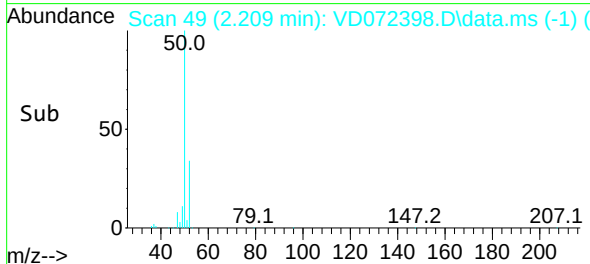
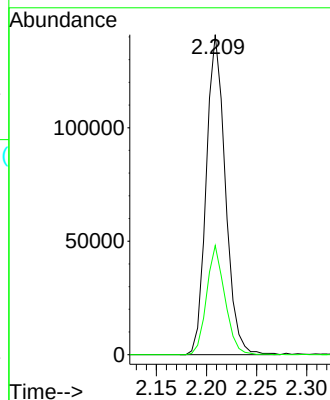
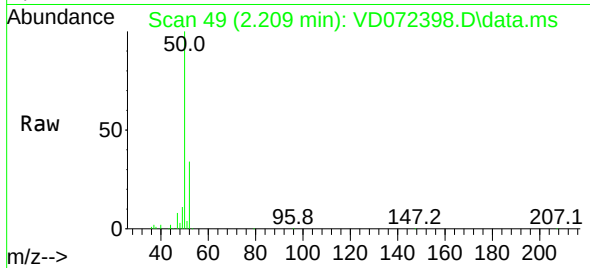




#3
Chloromethane
Concen: 54.114 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

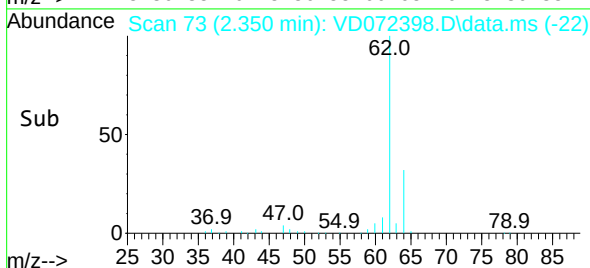
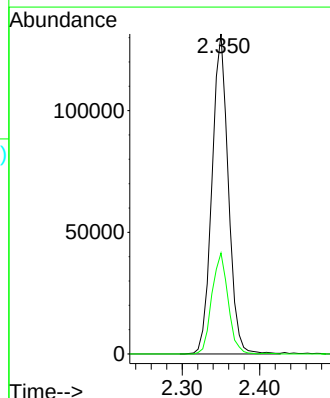
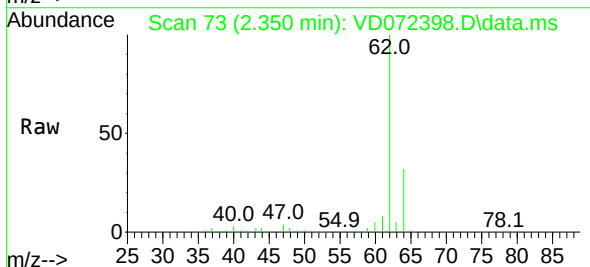
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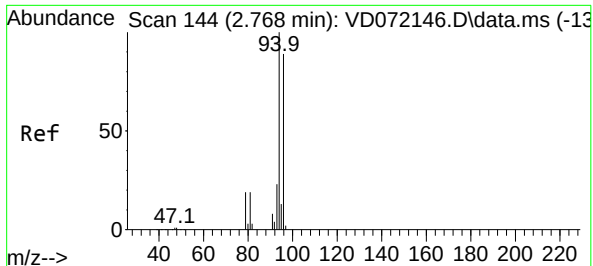
Tgt Ion: 50 Resp: 187265
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0



#4
Vinyl Chloride
Concen: 57.607 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 62 Resp: 192429
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

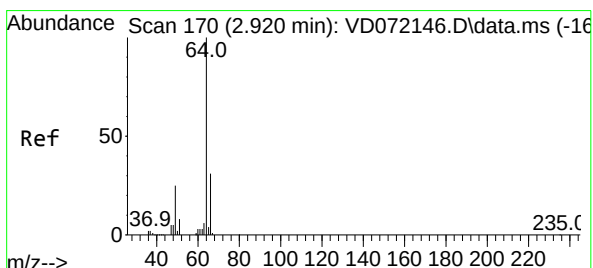
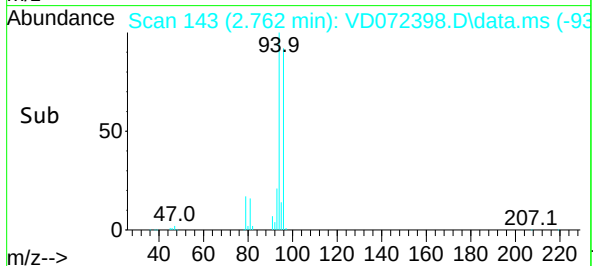
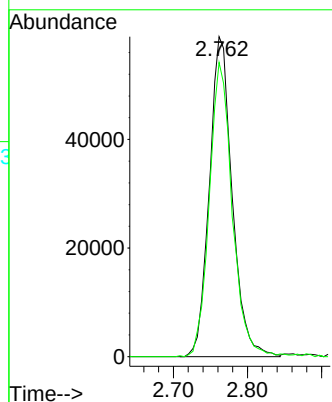
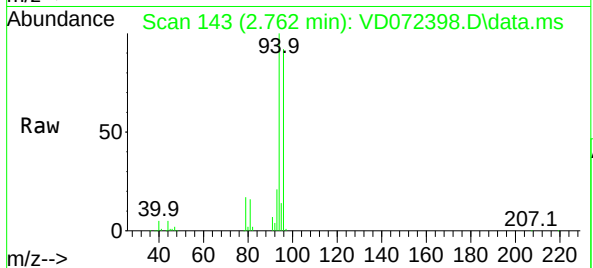




#5
Bromomethane
Concen: 57.947 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072398.D
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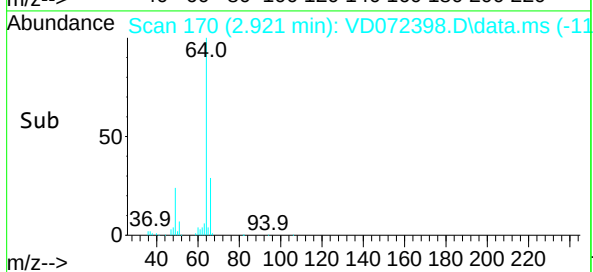
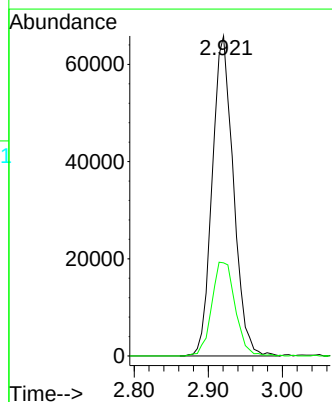
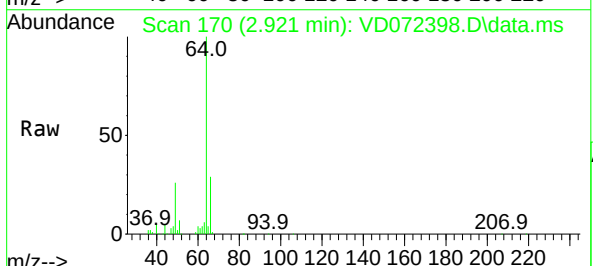
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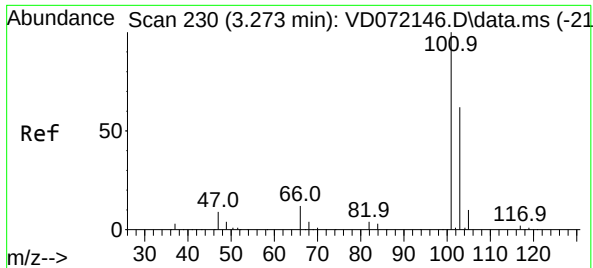
Tgt Ion: 94 Resp: 126045
Ion Ratio Lower Upper
94 100
96 91.7 77.6 116.4



#6
Chloroethane
Concen: 59.200 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072398.D
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Tgt Ion: 64 Resp: 130746
Ion Ratio Lower Upper
64 100
66 29.1 25.9 38.9

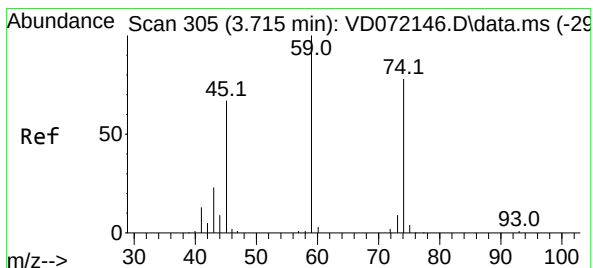
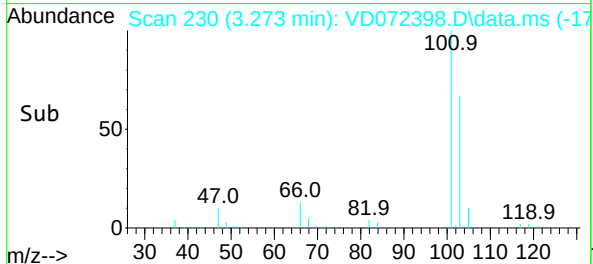
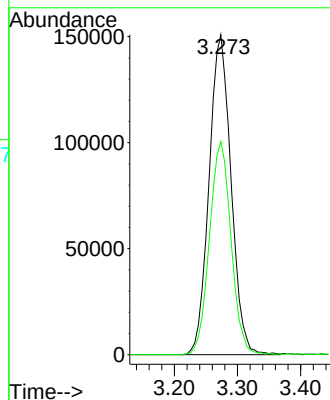
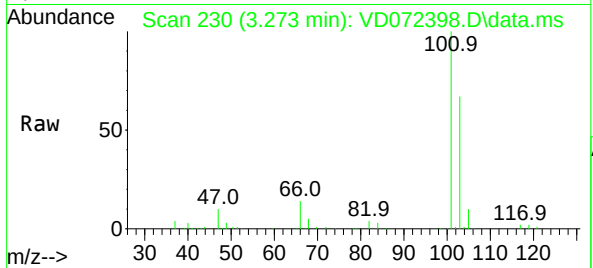




#7
 Trichlorofluoromethane
 Concen: 48.389 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD072398.D
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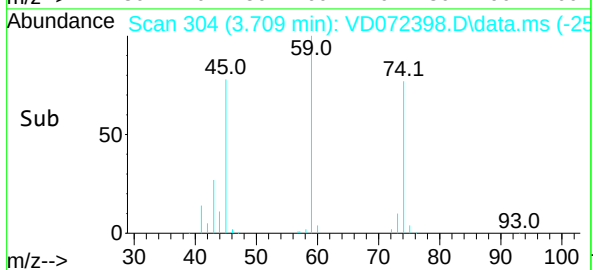
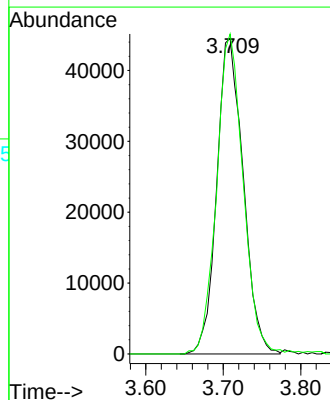
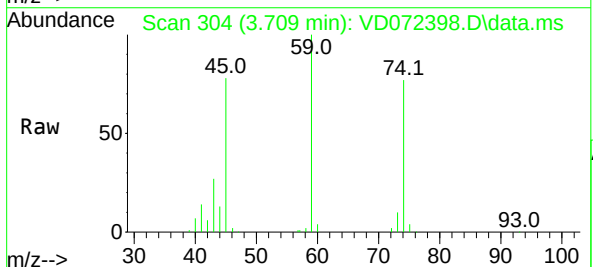
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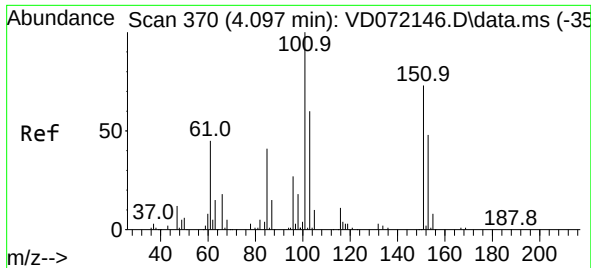
Tgt Ion:101 Resp: 365028
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 50.720 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 105671
 Ion Ratio Lower Upper
 74 100
 45 101.8 52.6 157.8

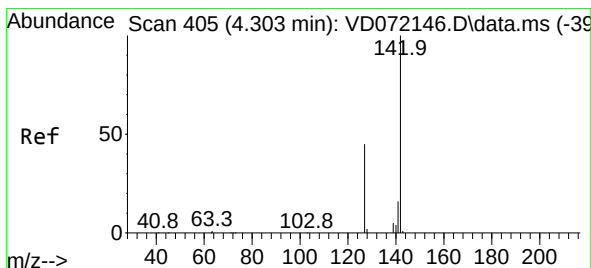
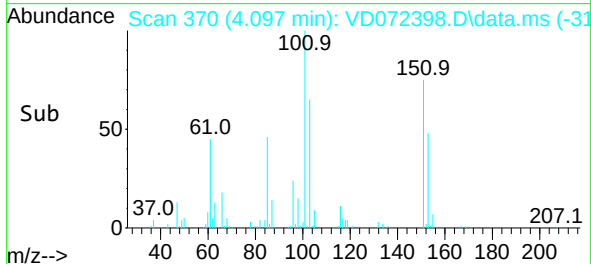
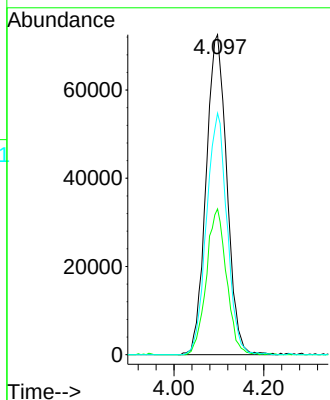
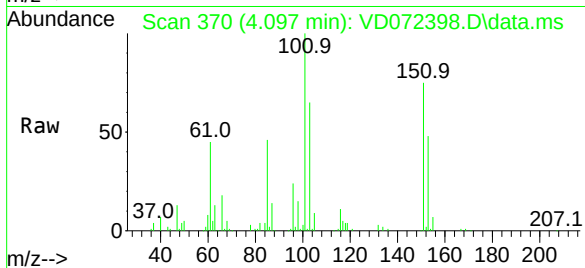




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.428 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

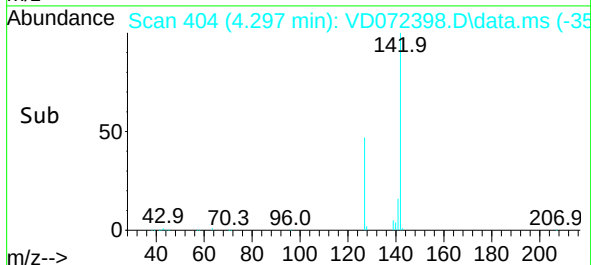
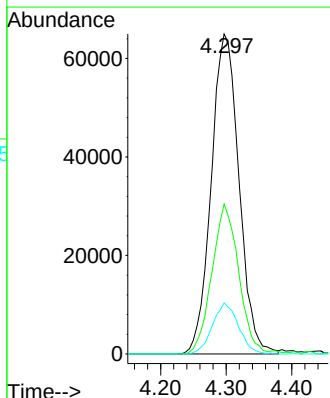
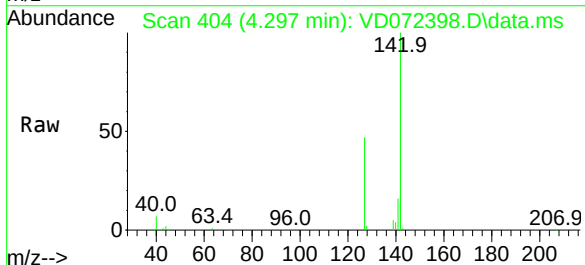
Instrument :
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 ClientSampleId :
 VSTDCCC050

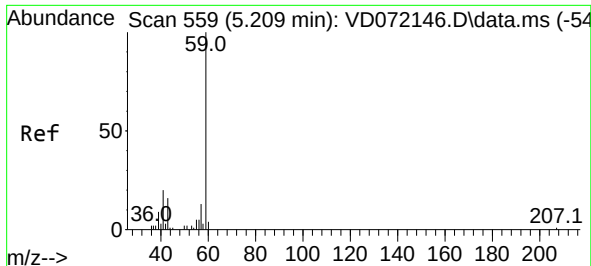
Tgt Ion:101 Resp: 232938
 Ion Ratio Lower Upper
 101 100
 85 44.2 36.4 54.6
 151 74.6 57.3 85.9



#10
 Methyl Iodide
 Concen: 44.543 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

Tgt Ion:142 Resp: 190851
 Ion Ratio Lower Upper
 142 100
 127 45.4 37.3 55.9
 141 14.9 11.7 17.5

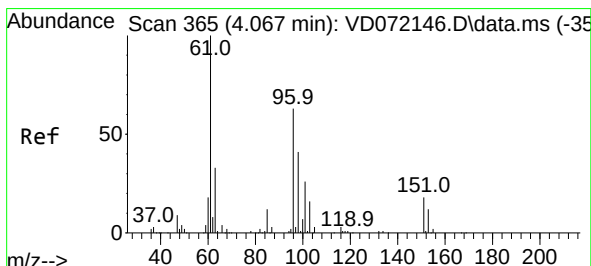
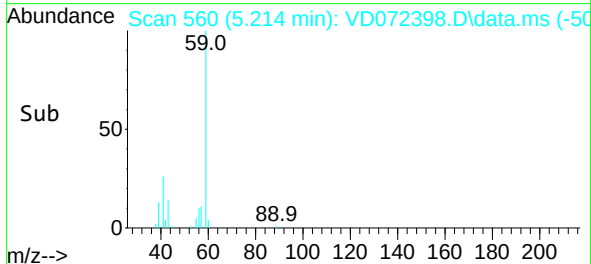
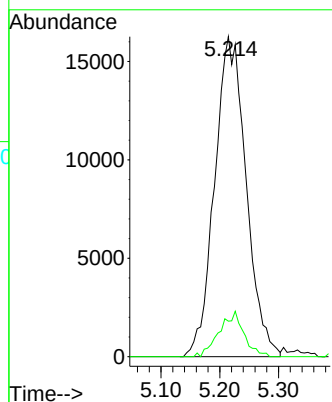
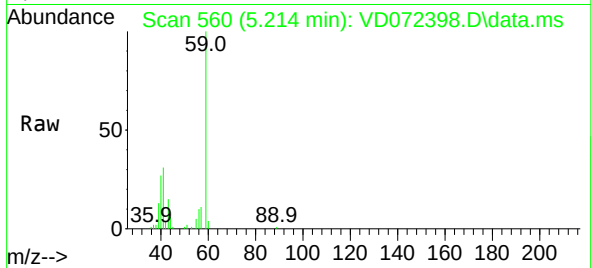




#11
Tert butyl alcohol
Concen: 222.875 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

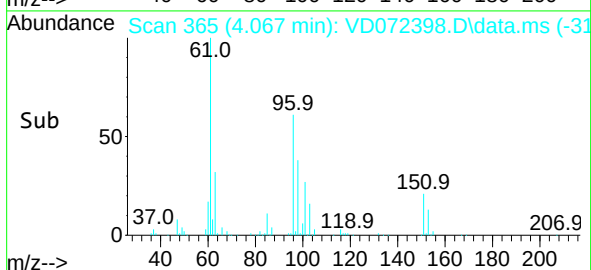
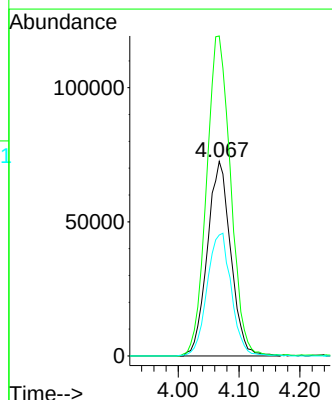
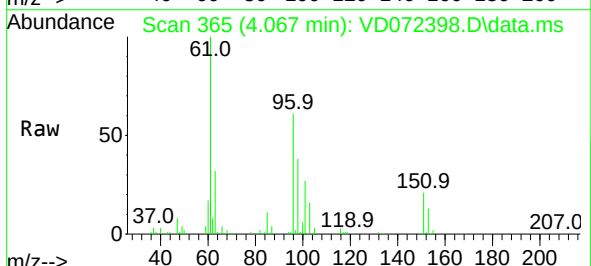
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

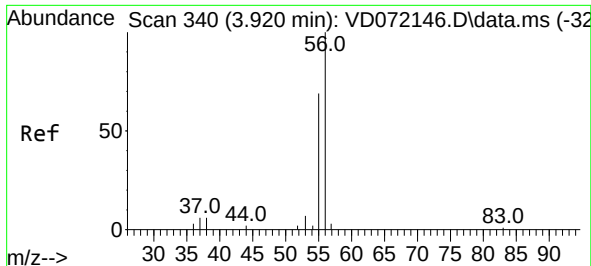
Tgt Ion: 59 Resp: 60636
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.6



#12
1,1-Dichloroethene
Concen: 50.148 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 96 Resp: 194056
Ion Ratio Lower Upper
96 100
61 164.5 138.5 207.7
98 61.8 48.6 73.0

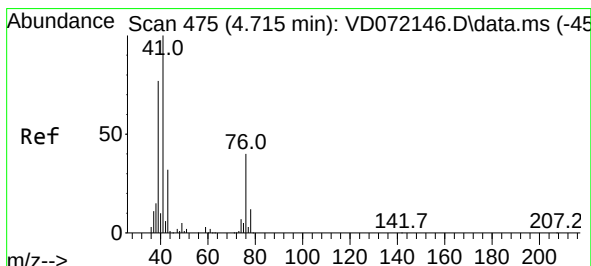
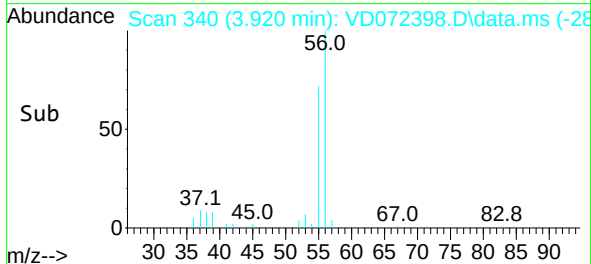
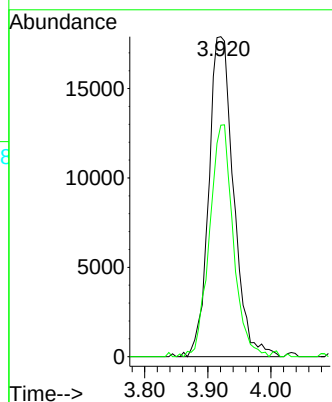
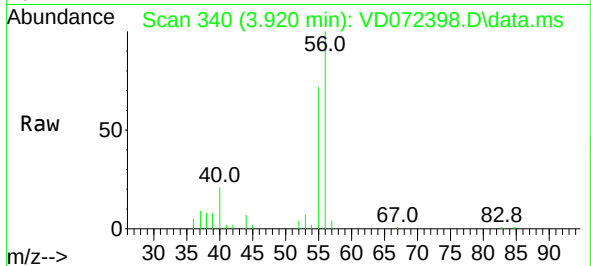




#13
Acrolein
Concen: 201.526 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

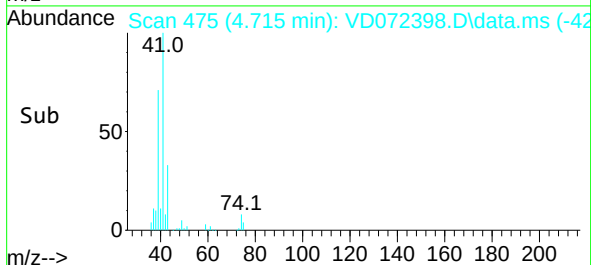
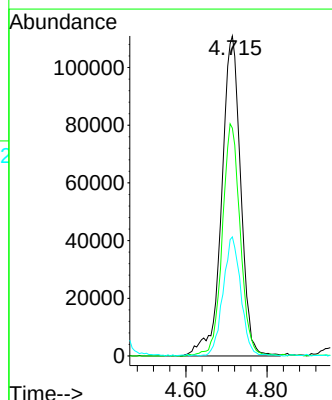
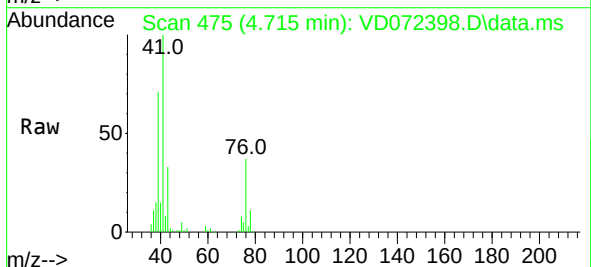
Instrument :
MSVOA_D
ClientSampleId :
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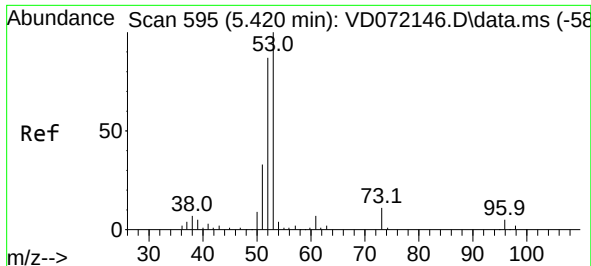
Tgt Ion: 56 Resp: 48924
Ion Ratio Lower Upper
56 100
55 69.2 57.1 85.7



#14
Allyl chloride
Concen: 53.462 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 41 Resp: 361711
Ion Ratio Lower Upper
41 100
39 68.5 59.3 88.9
76 34.7 25.7 38.5

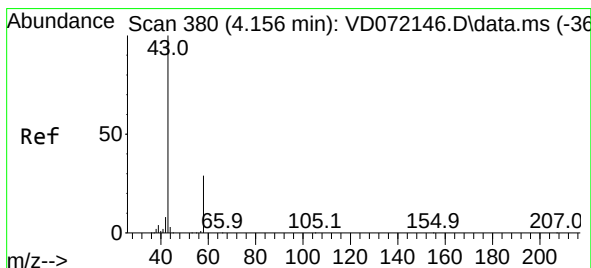
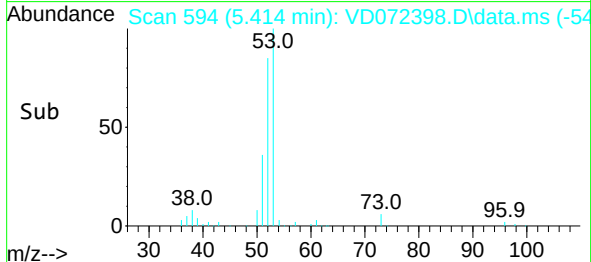
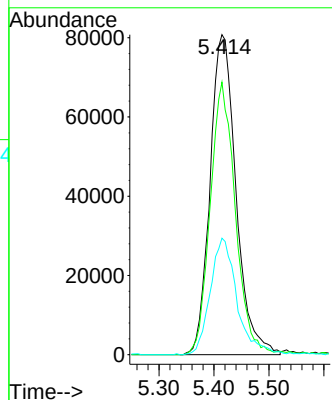
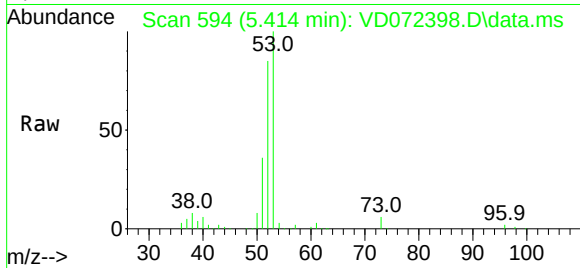




#15
Acrylonitrile
Concen: 252.513 ug/l
RT: 5.414 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

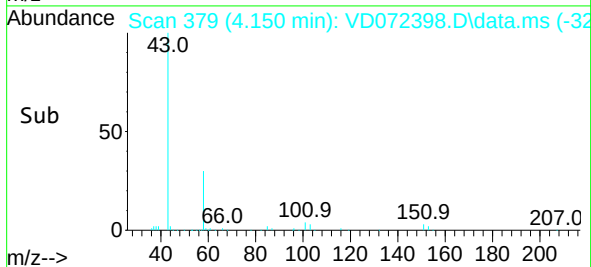
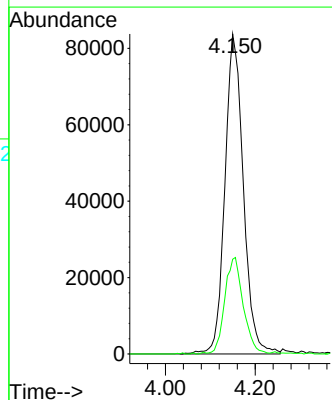
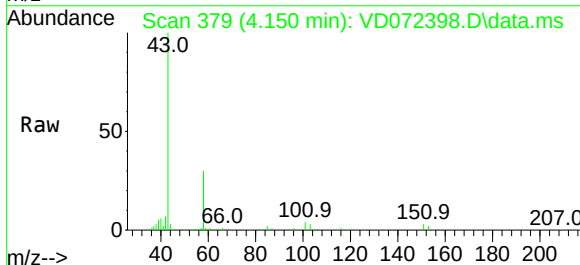
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

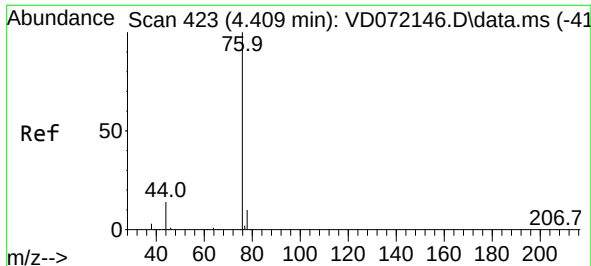
Tgt Ion: 53 Resp: 265455
Ion Ratio Lower Upper
53 100
52 82.8 67.2 100.8
51 37.4 30.3 45.5



#16
Acetone
Concen: 235.246 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 43 Resp: 239665
Ion Ratio Lower Upper
43 100
58 29.6 22.1 33.1

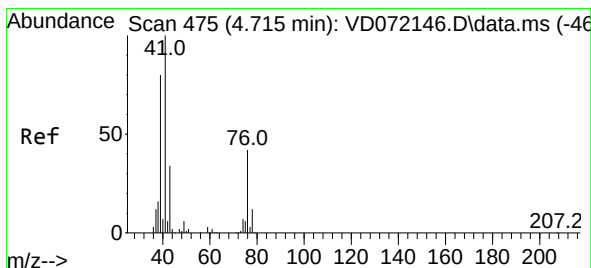
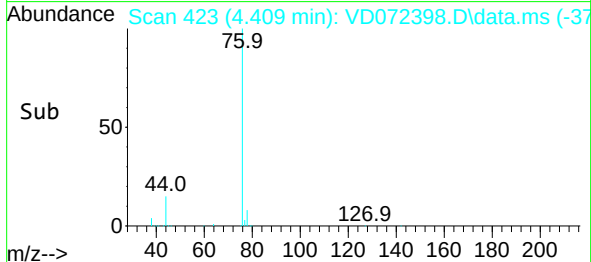
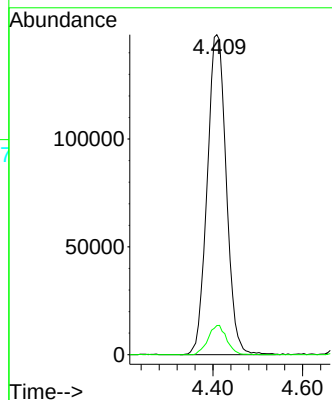
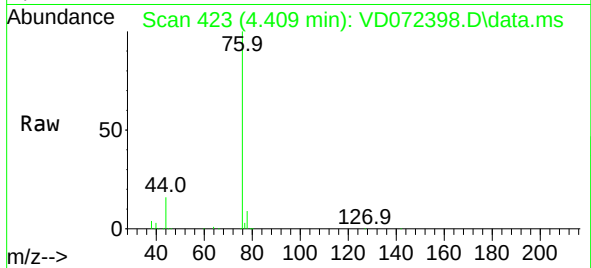




#17
Carbon Disulfide
Concen: 48.636 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

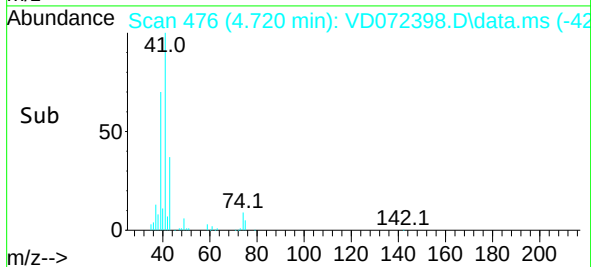
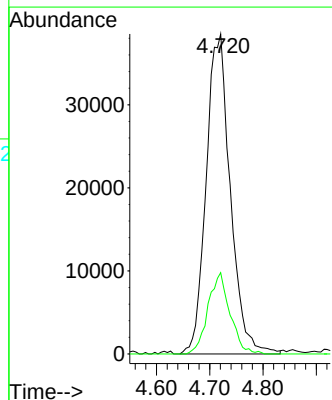
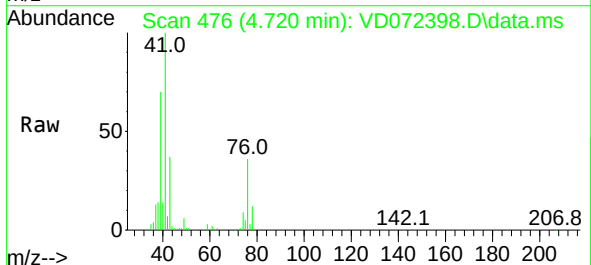
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

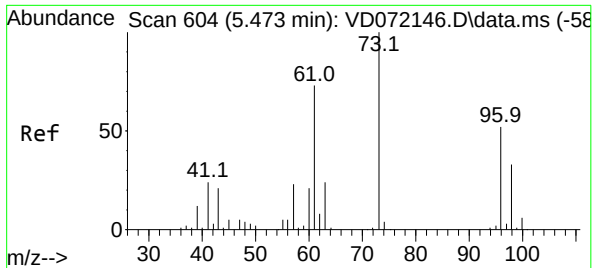
Tgt Ion: 76 Resp: 438568
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 48.629 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 43 Resp: 121408
Ion Ratio Lower Upper
43 100
74 23.1 16.7 25.1

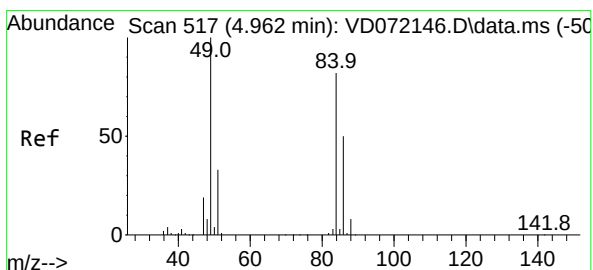
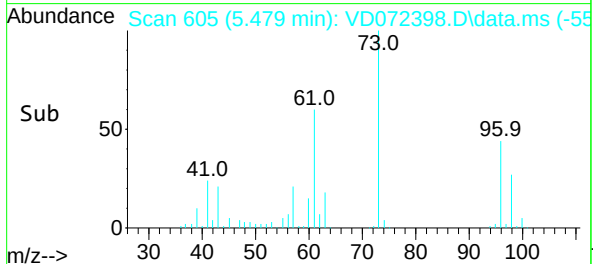
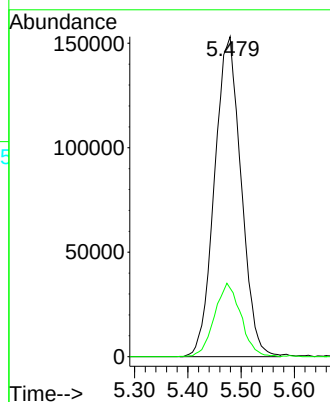
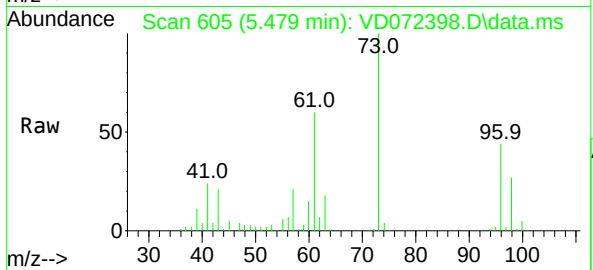




#19
Methyl tert-butyl Ether
Concen: 50.480 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

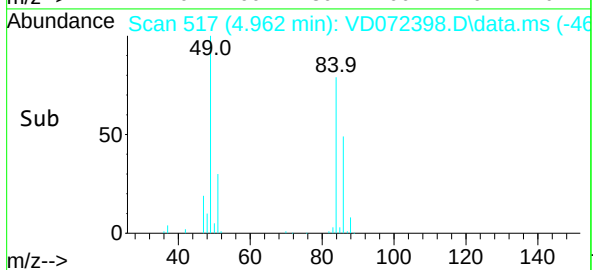
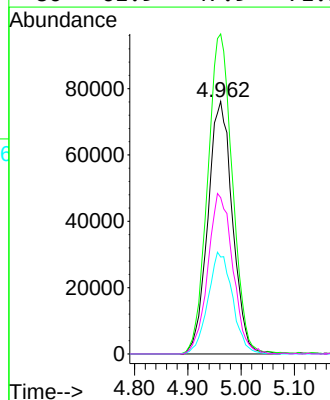
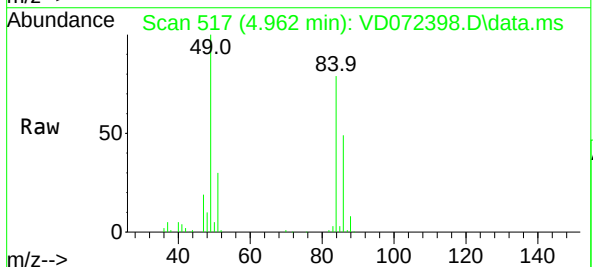
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

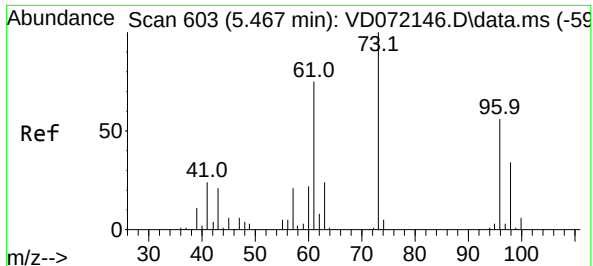
Tgt Ion: 73 Resp: 530943
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 48.330 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 84 Resp: 244787
Ion Ratio Lower Upper
84 100
49 126.7 112.8 169.2
51 38.4 32.6 48.8
86 61.9 47.9 71.9

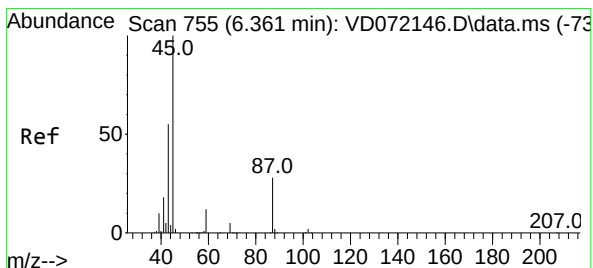
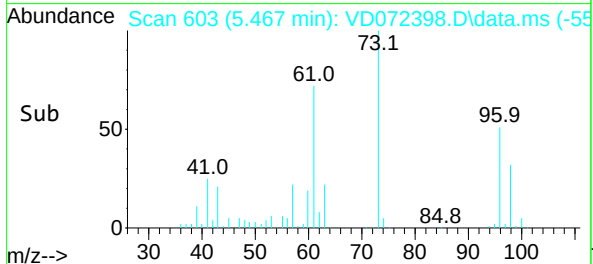
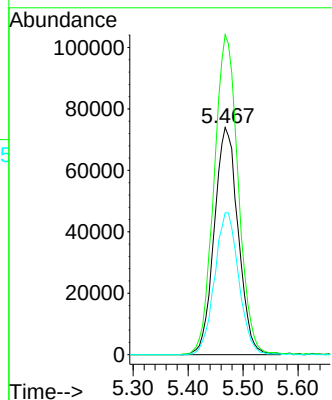
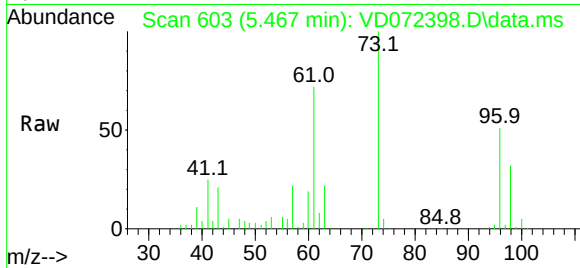




#21
trans-1,2-Dichloroethene
Concen: 52.209 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

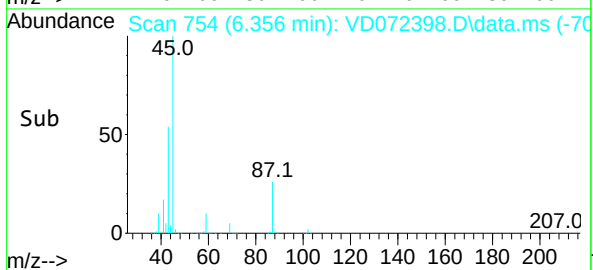
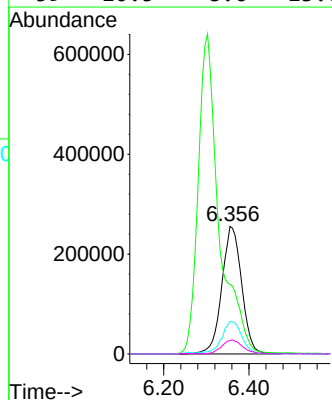
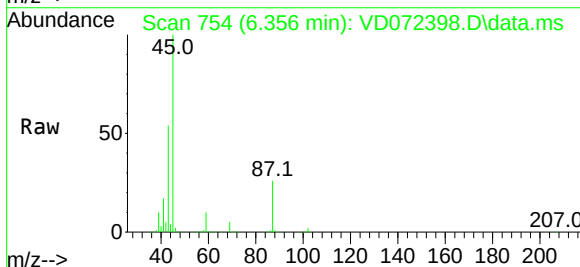
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

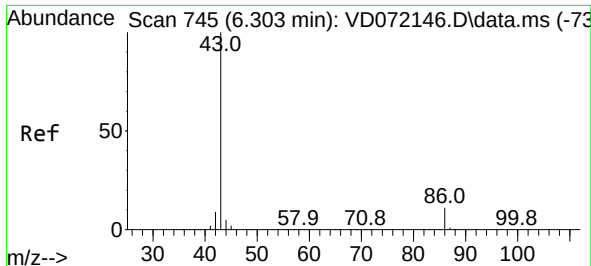
Tgt Ion: 96 Resp: 223458
Ion Ratio Lower Upper
96 100
61 140.8 117.9 176.9
98 62.5 49.4 74.2



#22
Diisopropyl ether
Concen: 53.740 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 45 Resp: 829327
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 25.4 18.4 27.6
59 10.5 8.6 13.0

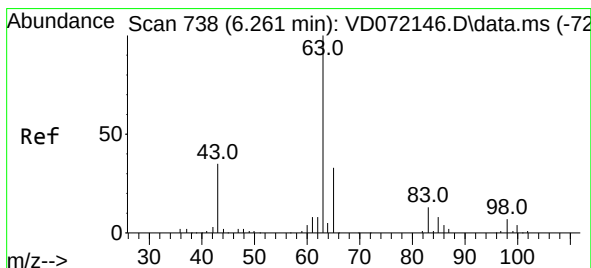
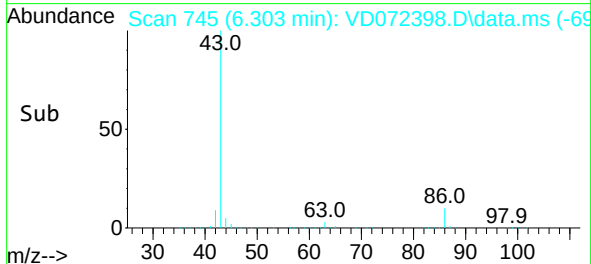
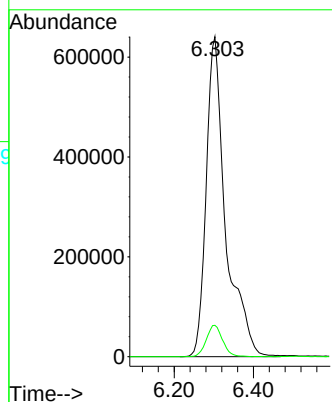
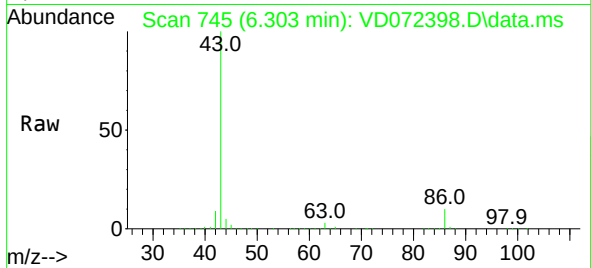




#23
 Vinyl Acetate
 Concen: 277.281 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

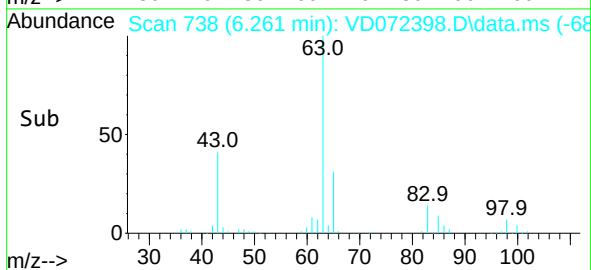
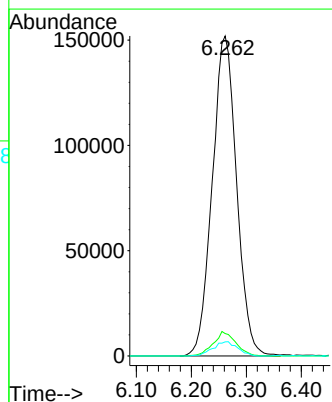
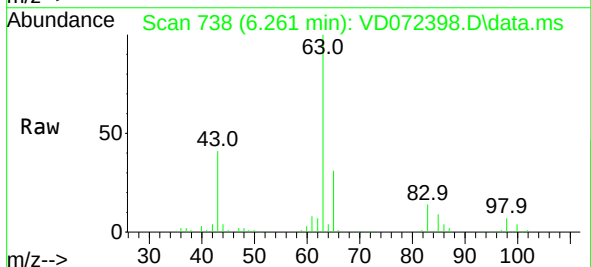
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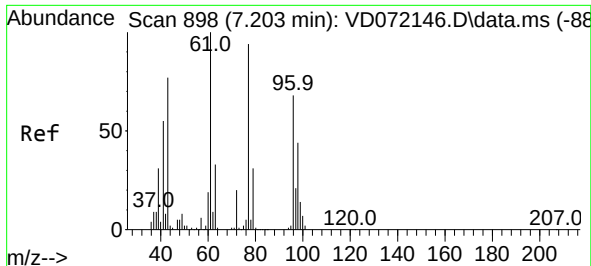
Tgt Ion: 43 Resp: 2183813
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 51.406 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

Tgt Ion: 63 Resp: 467859
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.4 2.1 6.5

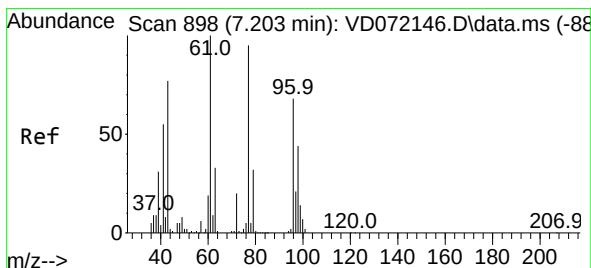
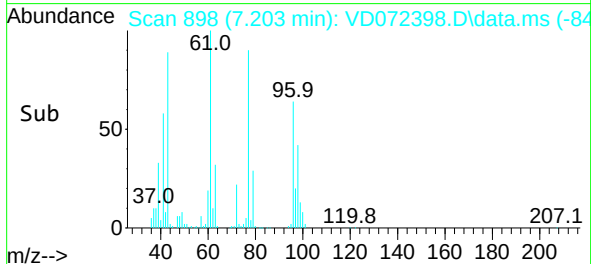
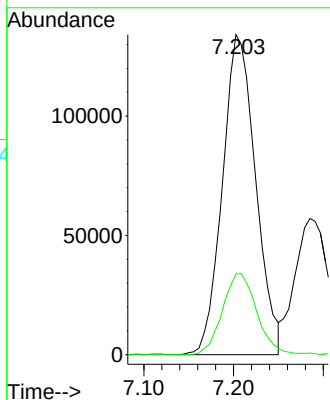
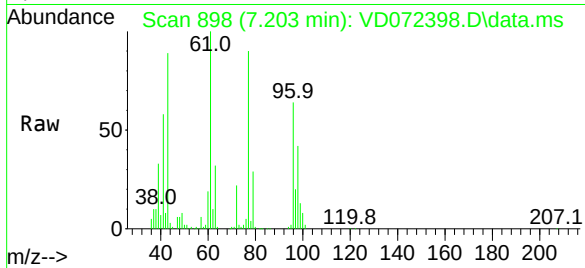




#25
2-Butanone
Concen: 254.030 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

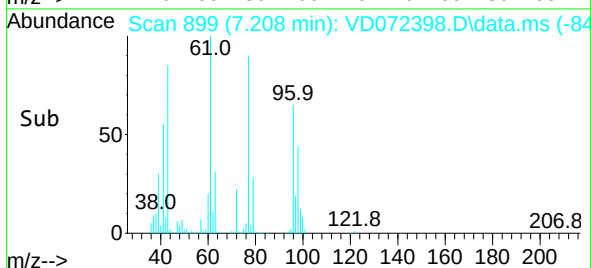
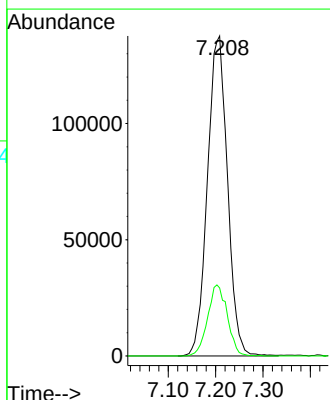
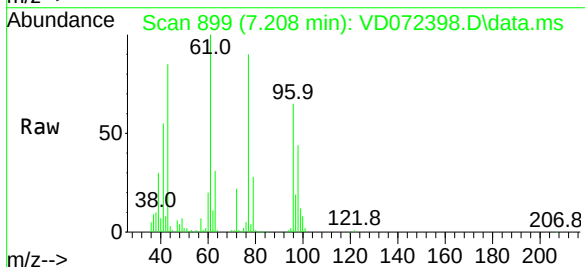
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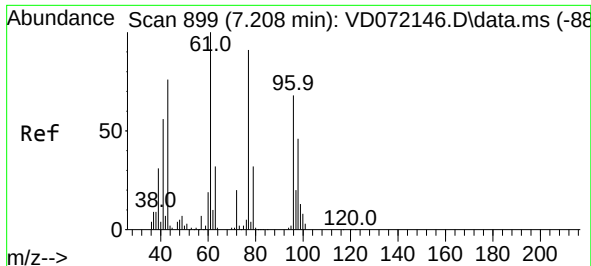
Tgt Ion: 43 Resp: 345064
Ion Ratio Lower Upper
43 100
72 25.3 18.6 27.8



#26
2,2-Dichloropropane
Concen: 49.259 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 77 Resp: 404506
Ion Ratio Lower Upper
77 100
97 21.8 10.8 32.4

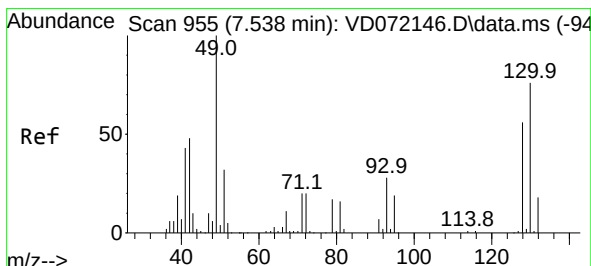
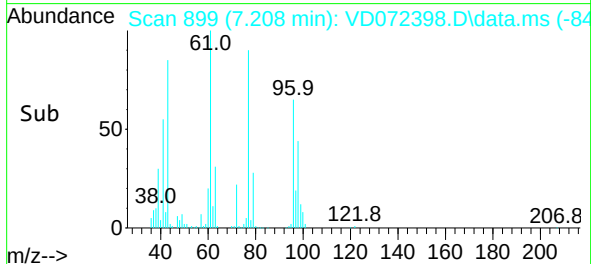
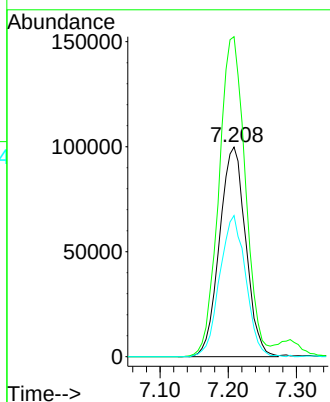
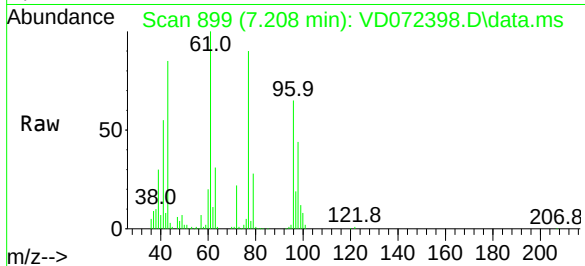




#27
 cis-1,2-Dichloroethene
 Concen: 48.953 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

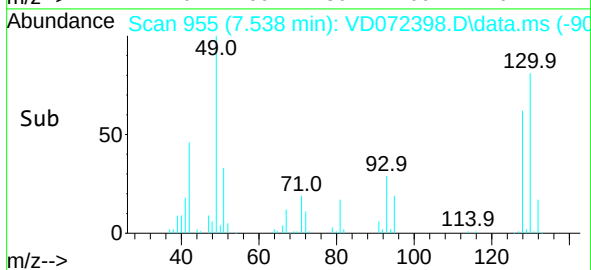
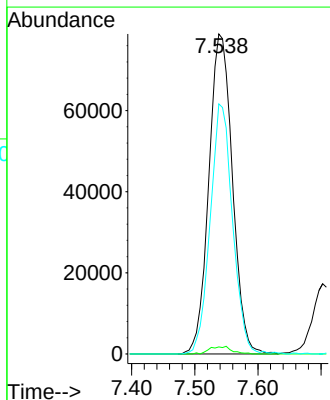
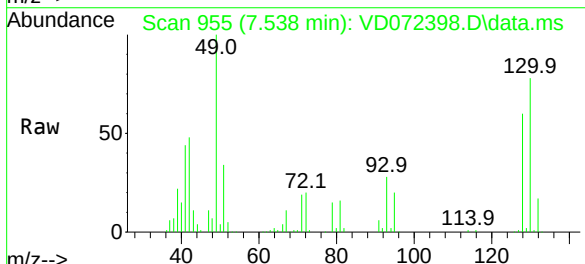
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

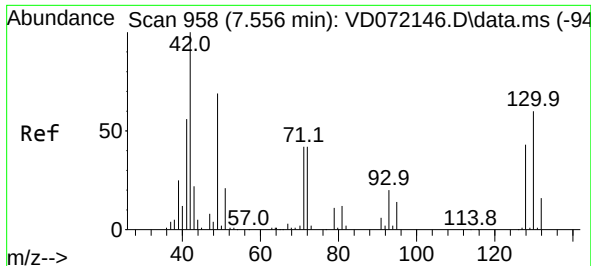
Tgt Ion: 96 Resp: 267496
 Ion Ratio Lower Upper
 96 100
 61 153.9 0.0 313.8
 98 66.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 55.803 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

Tgt Ion: 49 Resp: 204458
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 74.2 52.6 79.0





#29

Tetrahydrofuran

Concen: 262.280 ug/l

RT: 7.556 min Scan# 958

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

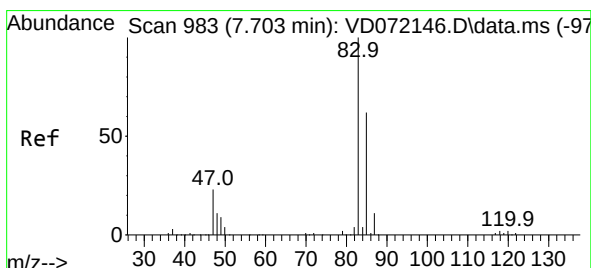
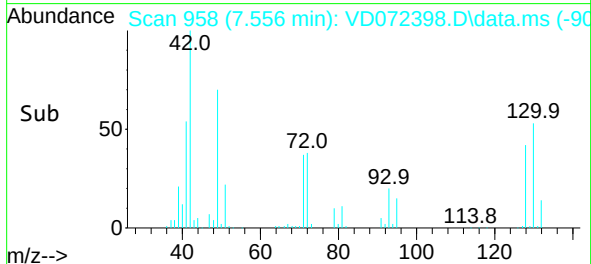
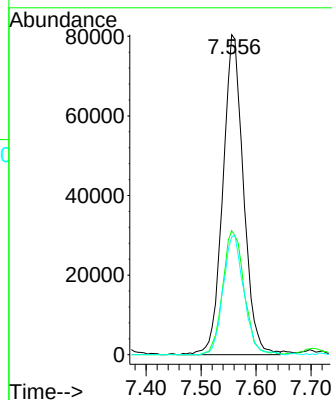
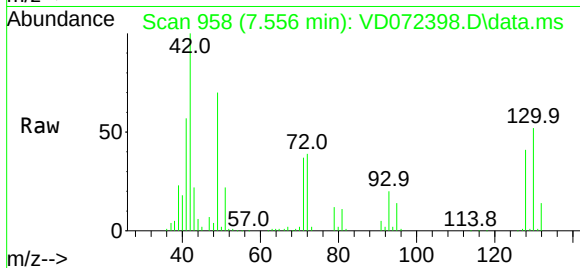
MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 209492

Ion	Ratio	Lower	Upper
42	100		
72	40.3	30.7	46.1
71	37.5	28.6	43.0



#30

Chloroform

Concen: 49.832 ug/l

RT: 7.703 min Scan# 983

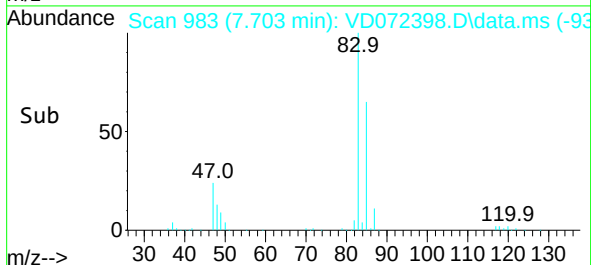
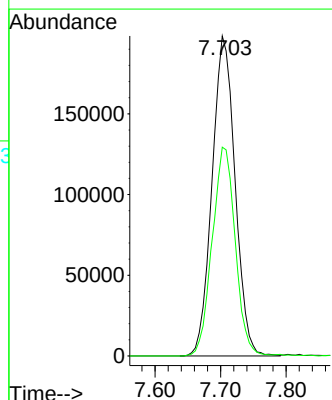
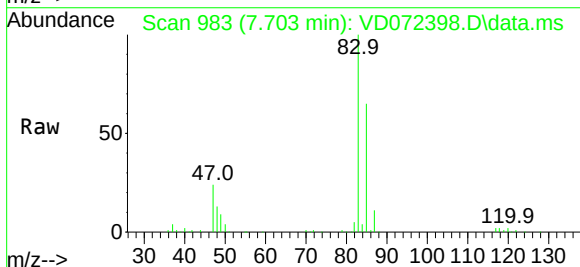
Delta R.T. 0.000 min

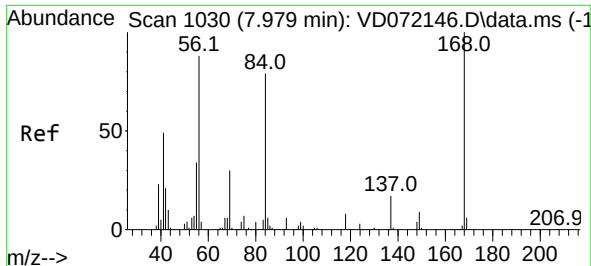
Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Tgt Ion: 83 Resp: 483163

Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.7	79.1





#31

Cyclohexane

Concen: 51.377 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

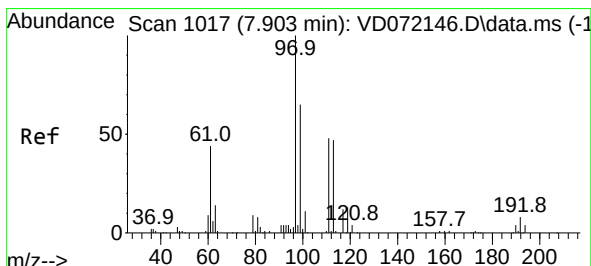
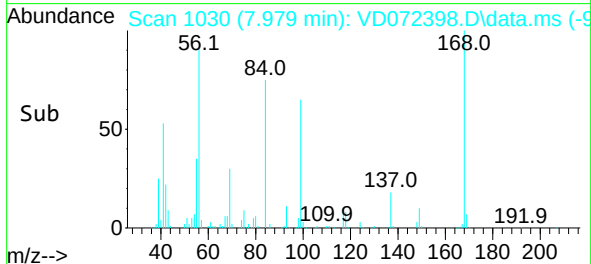
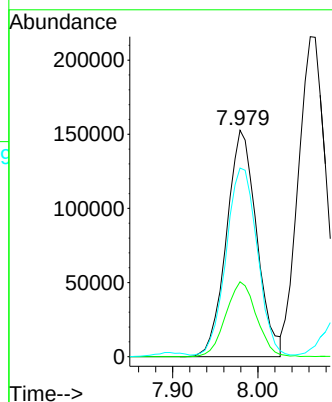
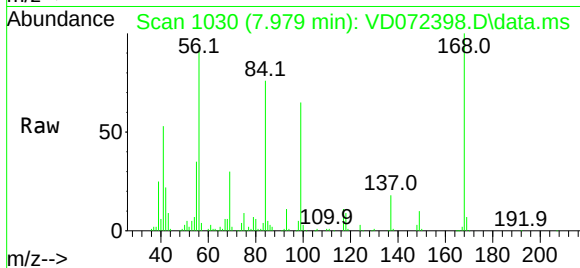
Tgt Ion: 56 Resp: 376645

Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

84 81.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.964 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

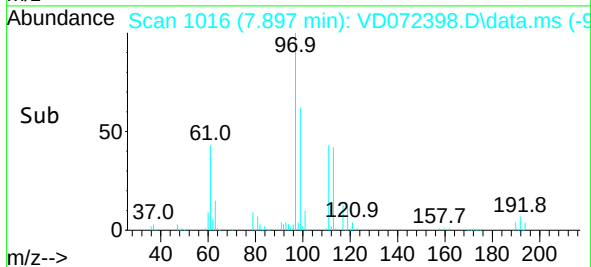
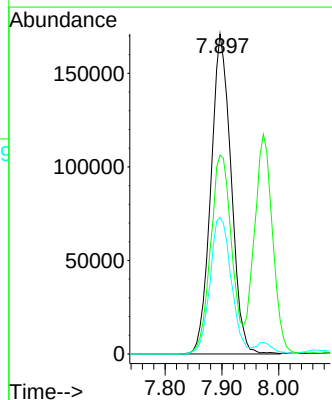
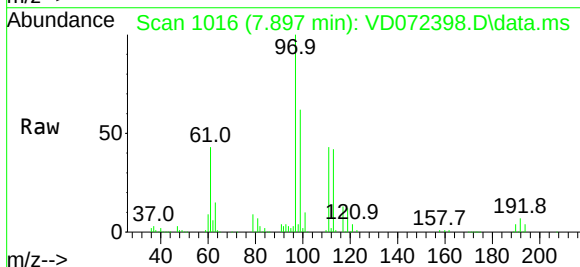
Tgt Ion: 97 Resp: 421643

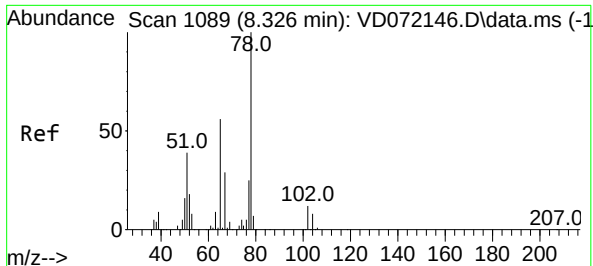
Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 45.0 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.989 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

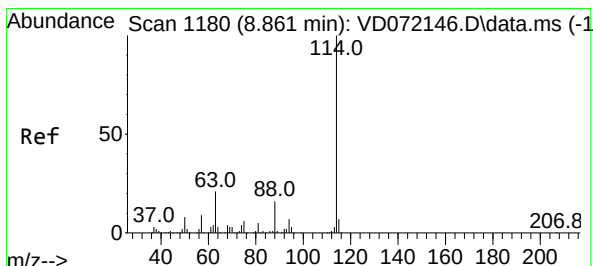
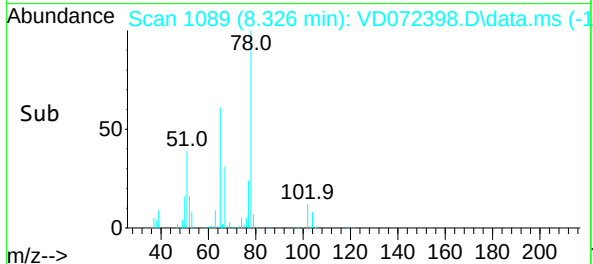
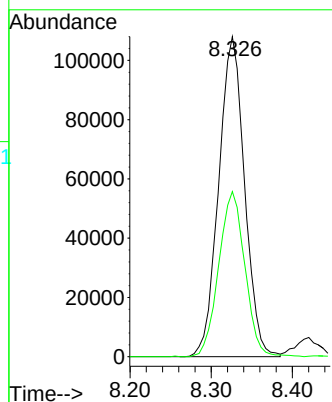
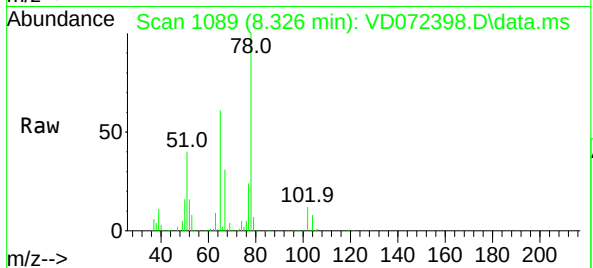
VSTDCCC050

Tgt Ion: 65 Resp: 239253

Ion Ratio Lower Upper

65 100

67 52.1 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: VD072398.D

Acq: 24 Mar 2022 10:05

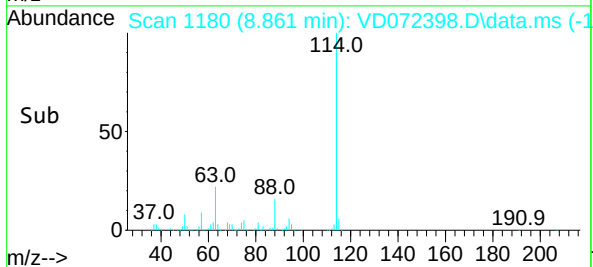
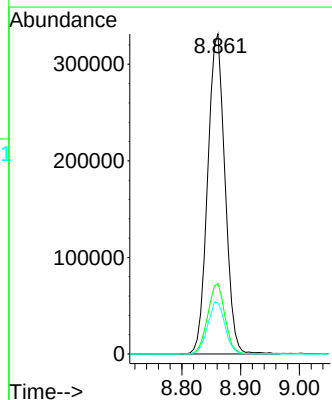
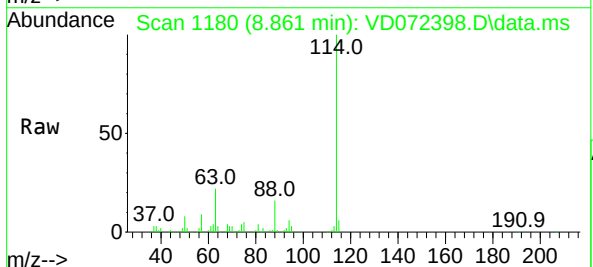
Tgt Ion: 114 Resp: 677879

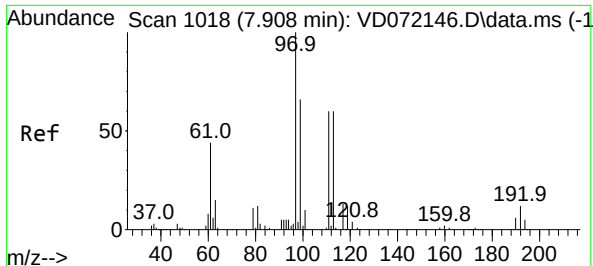
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 15.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.408 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

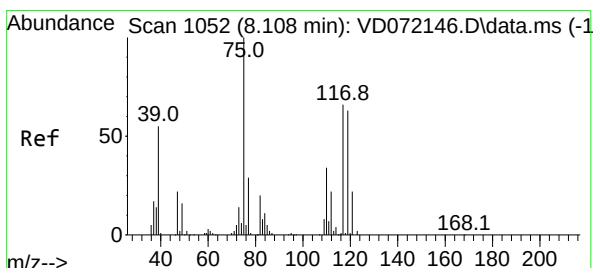
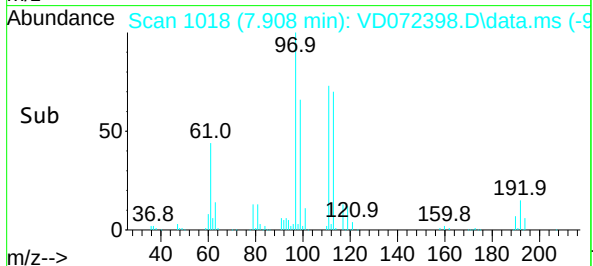
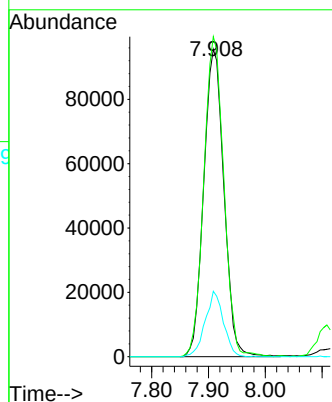
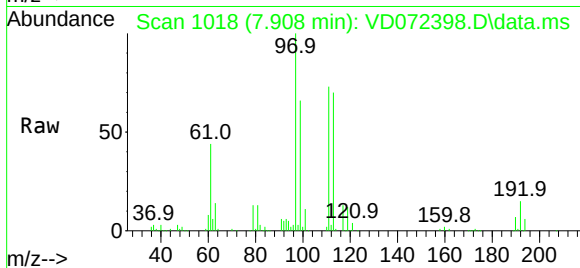
Tgt Ion:113 Resp: 235692

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 19.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.642 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

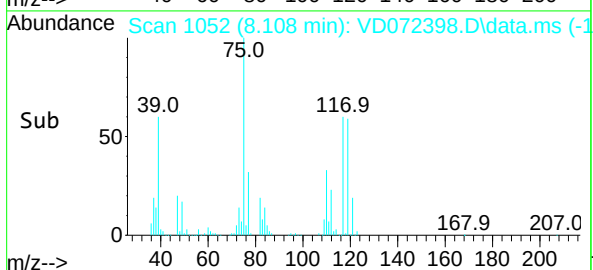
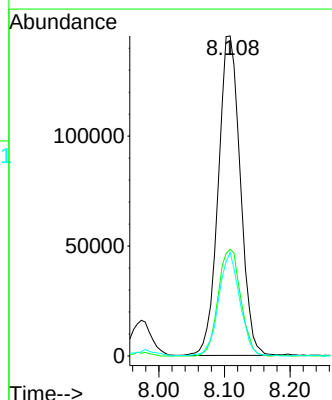
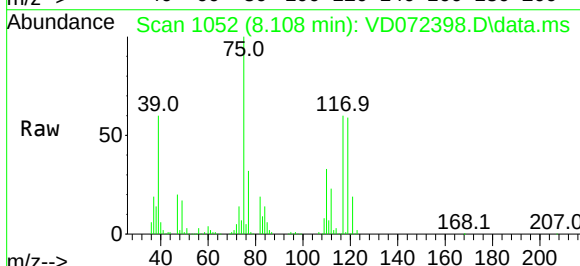
Tgt Ion: 75 Resp: 338901

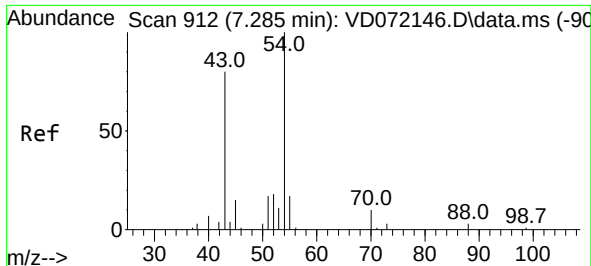
Ion Ratio Lower Upper

75 100

110 34.1 16.4 49.1

77 31.2 24.2 36.2

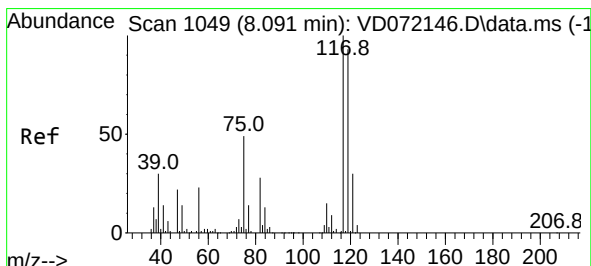
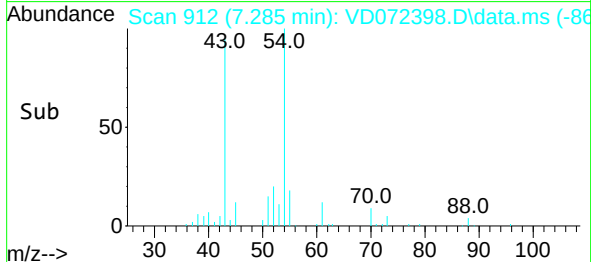
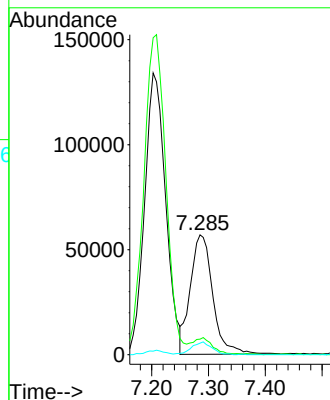
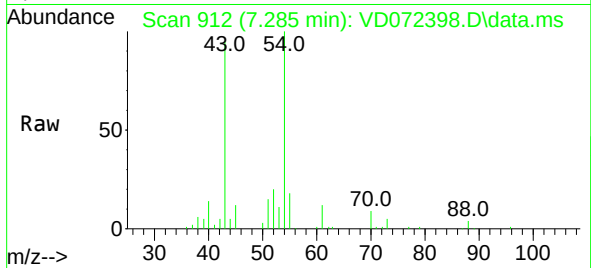




#37
Ethyl Acetate
Concen: 53.364 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

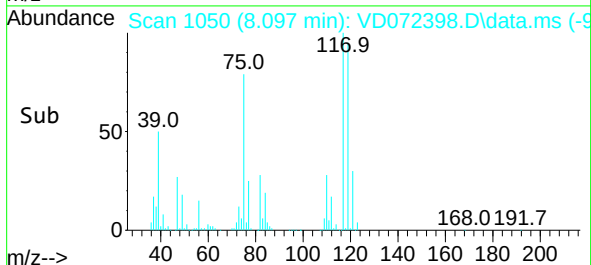
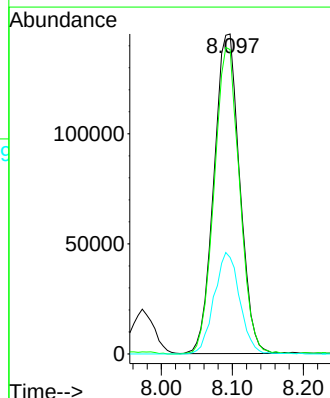
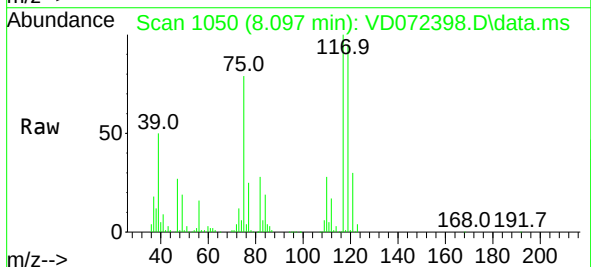
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

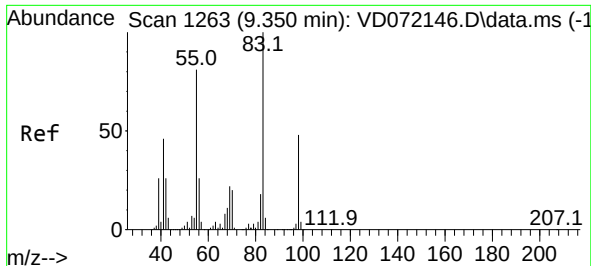
Tgt Ion: 43 Resp: 156433
Ion Ratio Lower Upper
43 100
61 11.3 9.8 14.8
70 9.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 48.068 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 117 Resp: 365652
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.6
121 30.2 24.5 36.7





#39

Methylcyclohexane

Concen: 51.719 ug/l

RT: 9.350 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

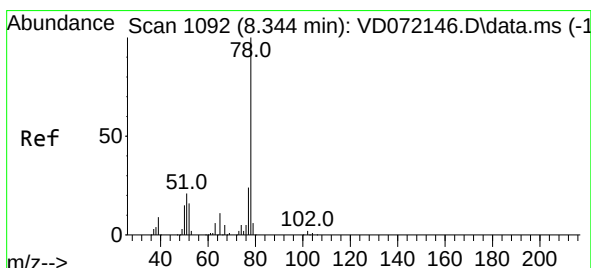
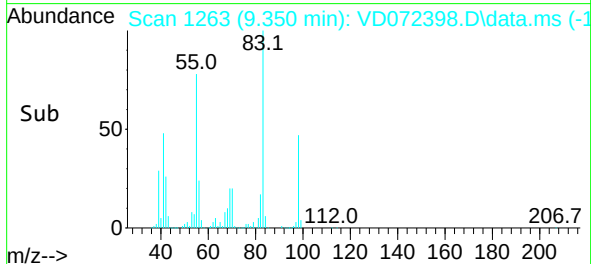
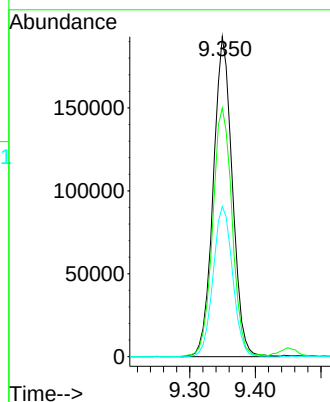
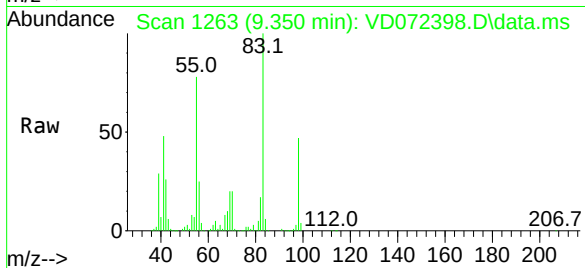
Tgt Ion: 83 Resp: 389470

Ion Ratio Lower Upper

83 100

55 77.6 63.2 94.8

98 46.9 38.2 57.4



#40

Benzene

Concen: 50.630 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD072398.D

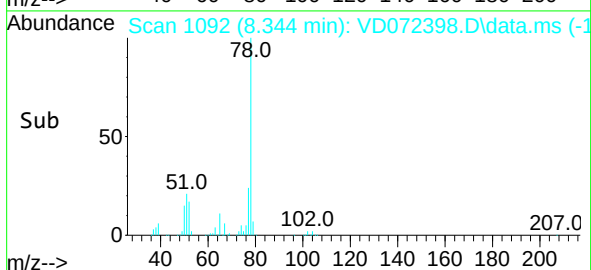
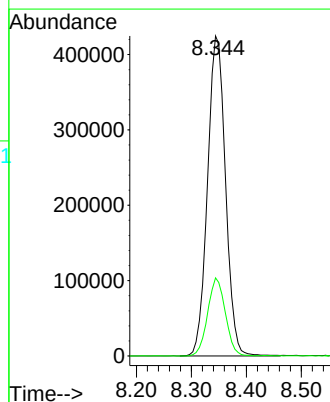
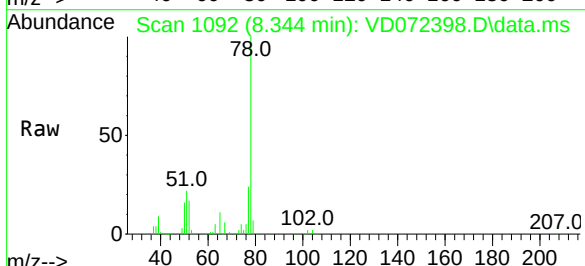
Acq: 24 Mar 2022 10:05

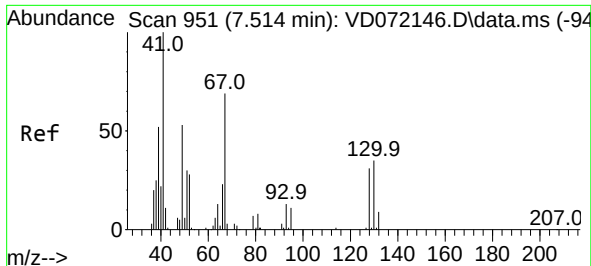
Tgt Ion: 78 Resp: 966623

Ion Ratio Lower Upper

78 100

77 24.4 19.1 28.7

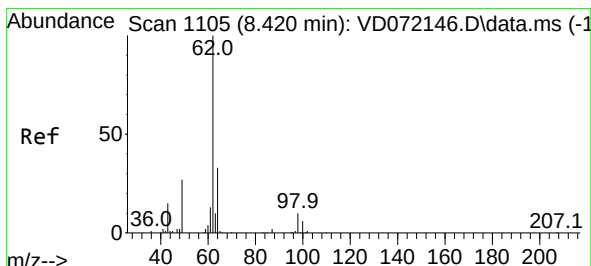
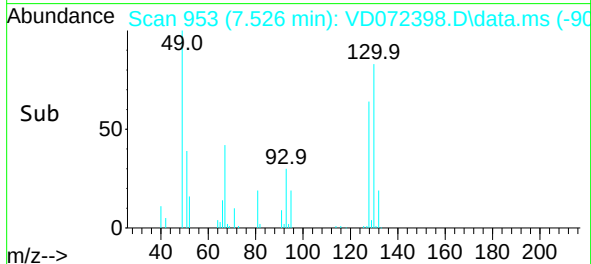
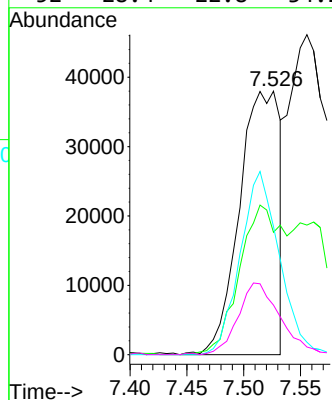
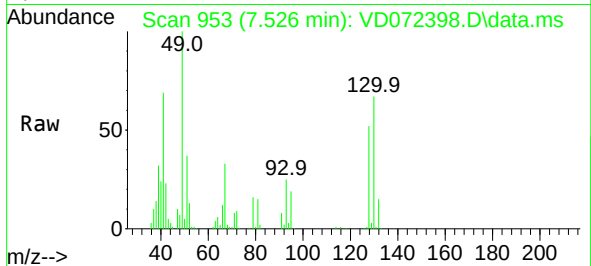




#41
Methacrylonitrile
Concen: 55.235 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

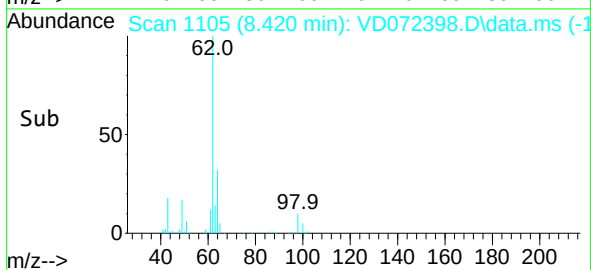
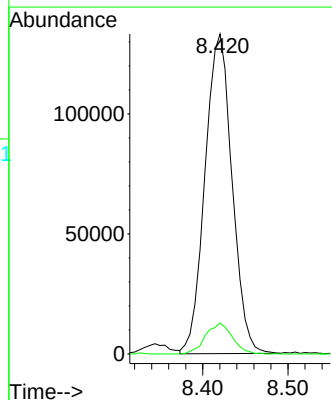
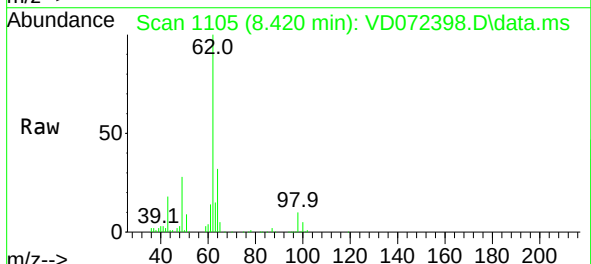
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

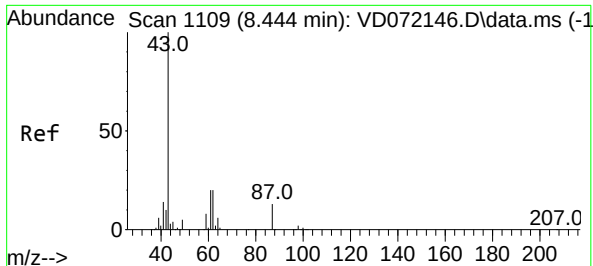
Tgt Ion:	41	Resp:	94375
Ion	Ratio	Lower	Upper
41	100		
39	61.1	44.6	67.0
67	67.3	48.2	72.4
52	28.4	22.8	34.2



#42
1,2-Dichloroethane
Concen: 50.692 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion:	62	Resp:	293582
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.6

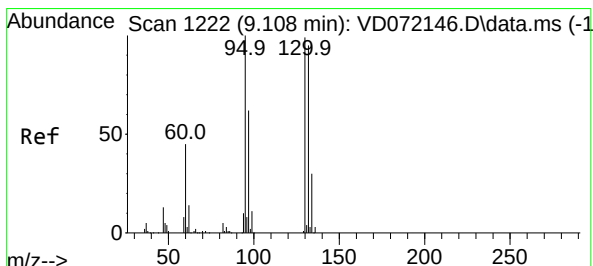
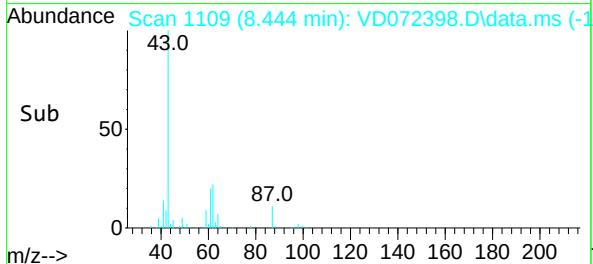
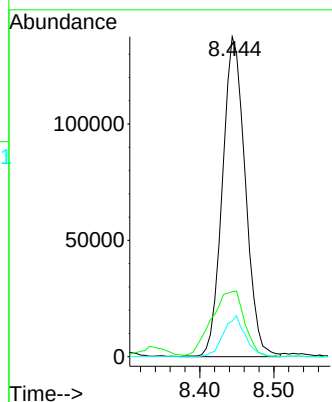
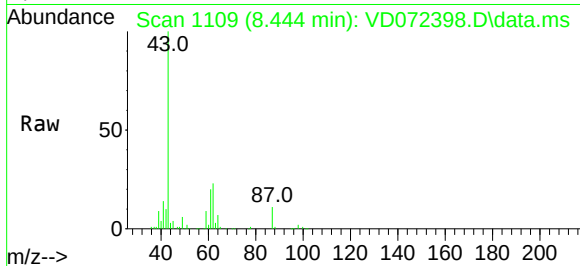




#43
Isopropyl Acetate
Concen: 51.787 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

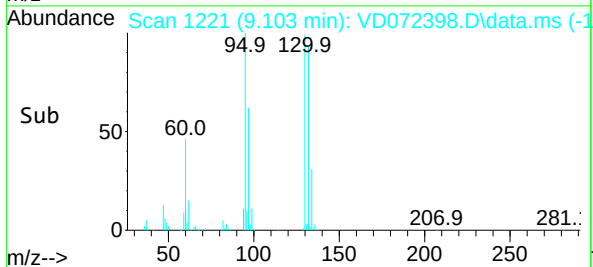
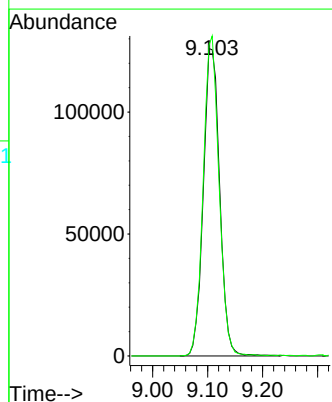
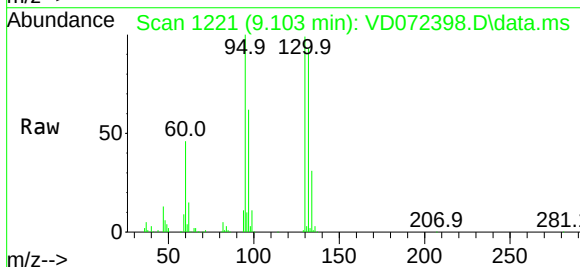
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

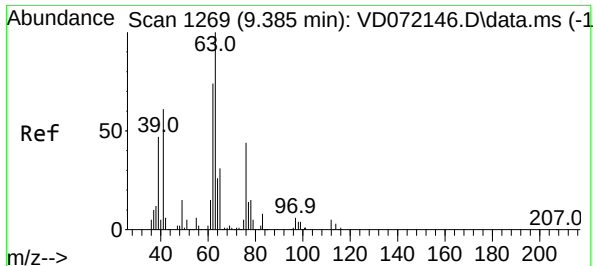
Tgt Ion: 43 Resp: 294655
Ion Ratio Lower Upper
43 100
61 29.6 22.4 33.6
87 12.2 8.7 13.1



#44
Trichloroethene
Concen: 48.630 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 130 Resp: 260644
Ion Ratio Lower Upper
130 100
95 101.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.913 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.006 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

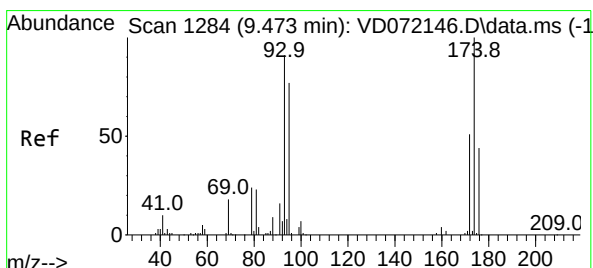
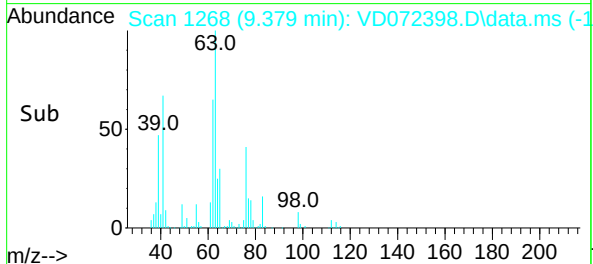
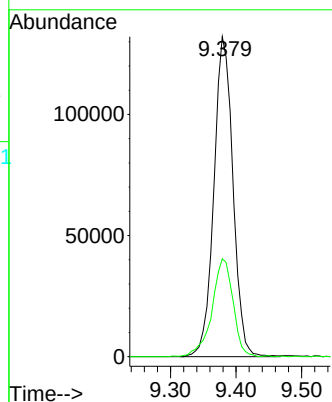
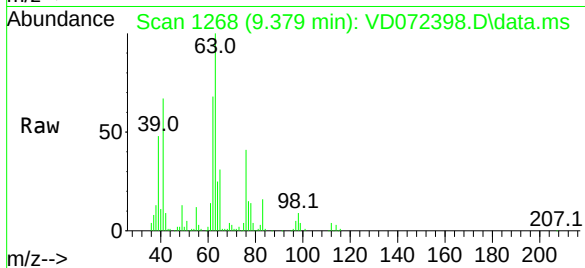
VSTDCCC050

Tgt Ion: 63 Resp: 266579

Ion Ratio Lower Upper

63 100

65 30.5 26.2 39.4



#46

Dibromomethane

Concen: 51.279 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

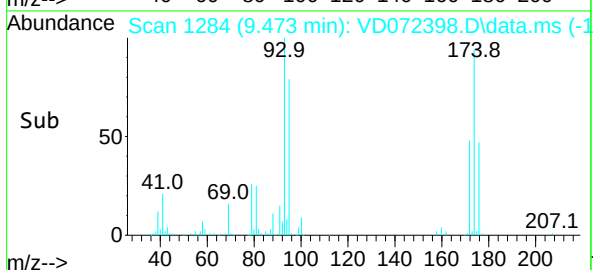
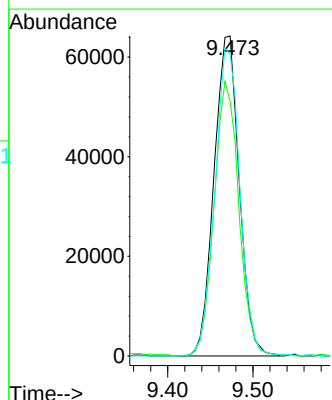
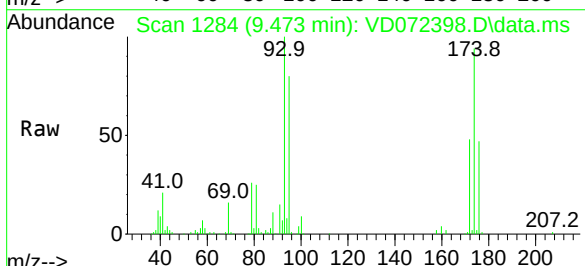
Tgt Ion: 93 Resp: 132075

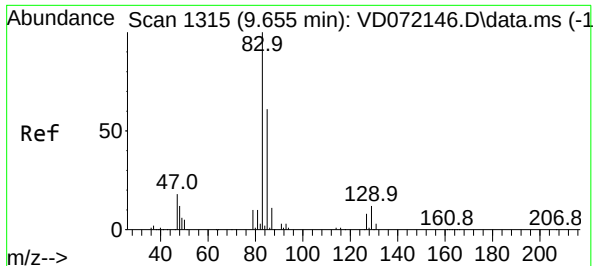
Ion Ratio Lower Upper

93 100

95 84.3 66.7 100.1

174 95.7 71.6 107.4

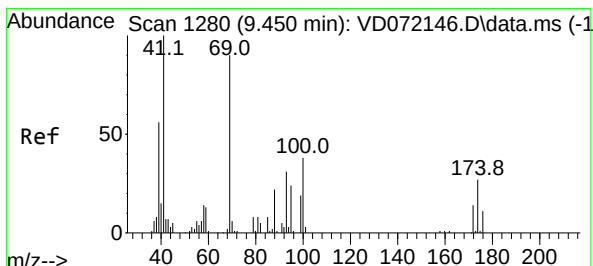
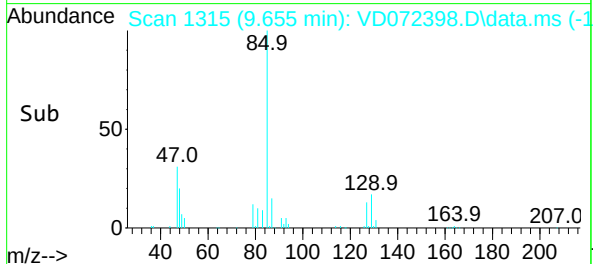
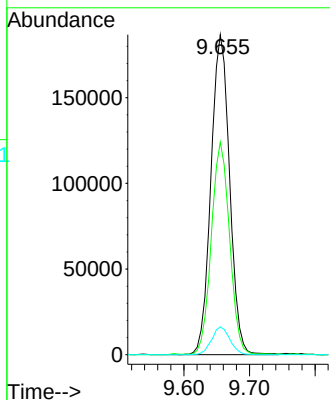
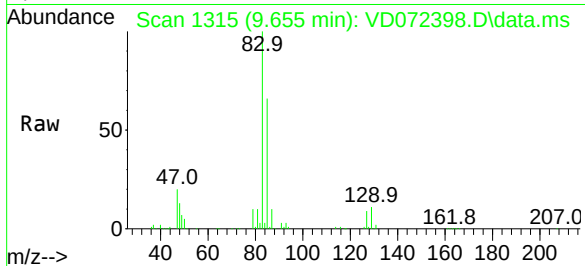




#47
Bromodichloromethane
Concen: 49.106 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

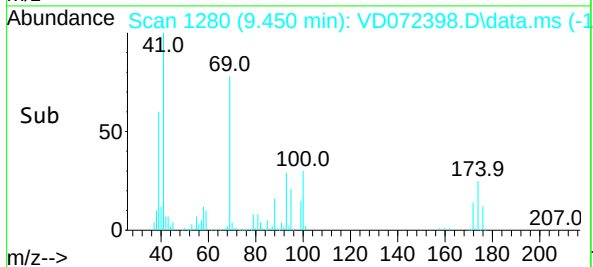
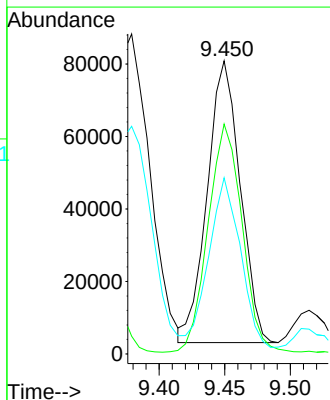
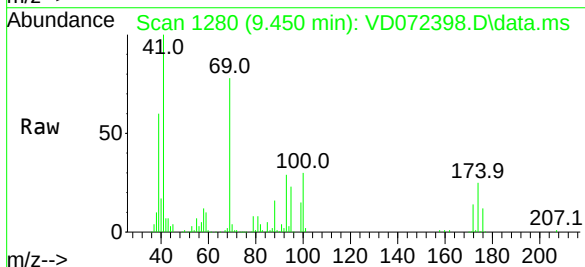
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

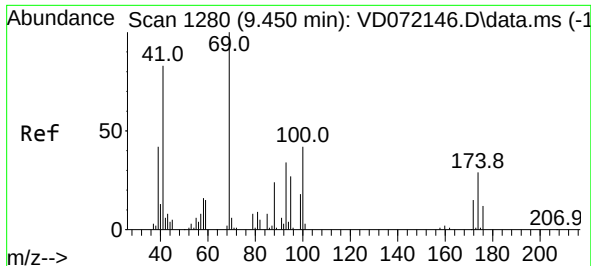
Tgt Ion: 83 Resp: 368714
Ion Ratio Lower Upper
83 100
85 66.3 51.4 77.0
127 8.7 6.1 9.1



#48
Methyl methacrylate
Concen: 50.029 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 41 Resp: 135918
Ion Ratio Lower Upper
41 100
69 83.7 56.7 85.1
39 58.0 42.7 64.1





#49

1,4-Dioxane

Concen: 1014.609 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

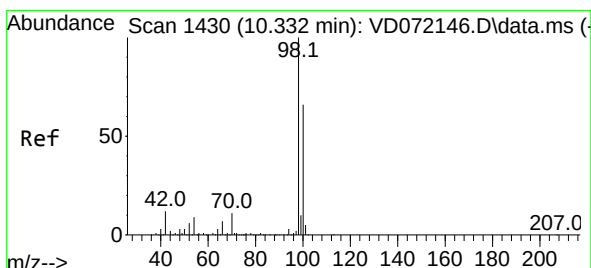
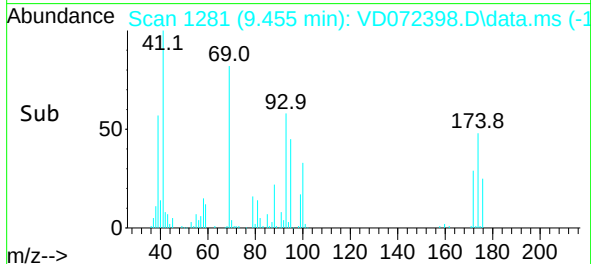
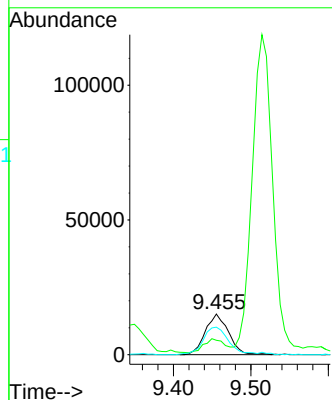
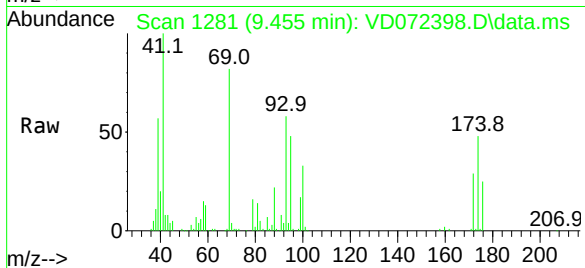
Tgt Ion: 88 Resp: 31337

Ion Ratio Lower Upper

88 100

43 30.2 31.0 46.4#

58 74.1 58.1 87.1



#50

Toluene-d8

Concen: 49.117 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072398.D

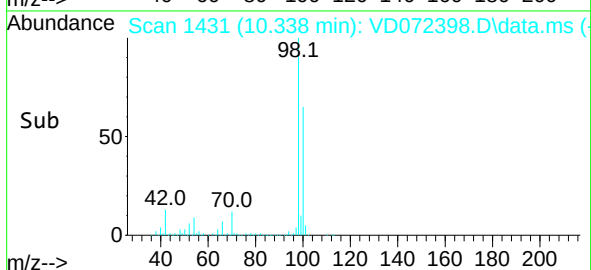
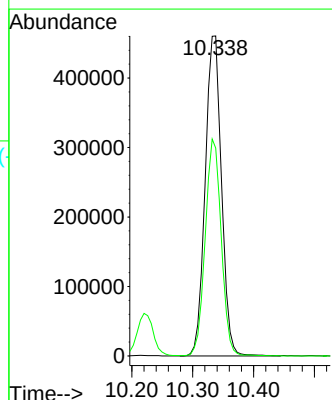
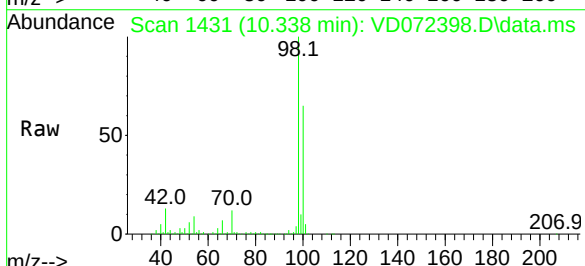
Acq: 24 Mar 2022 10:05

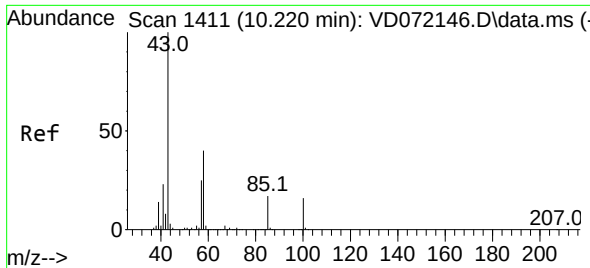
Tgt Ion: 98 Resp: 856727

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

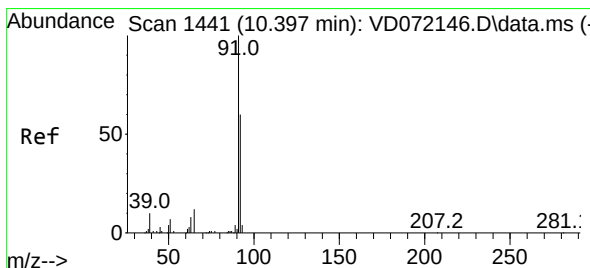
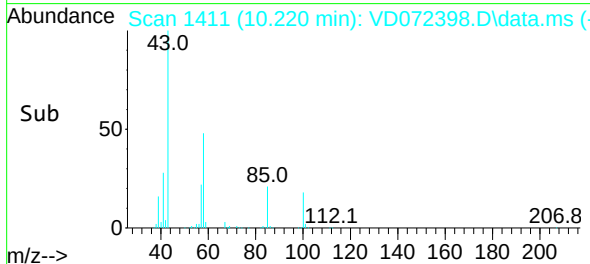
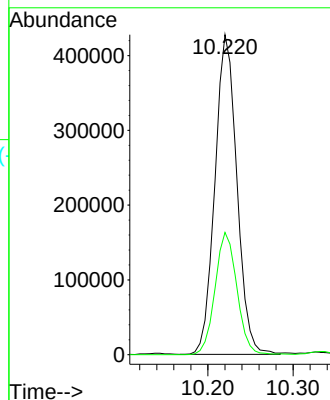
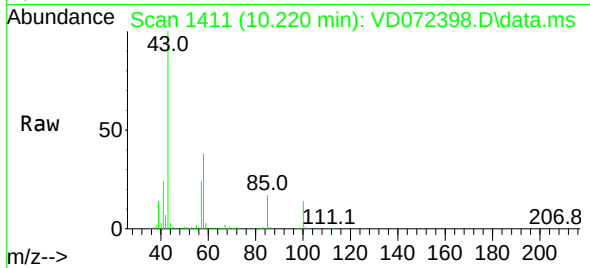




#51
4-Methyl-2-Pentanone
Concen: 256.762 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

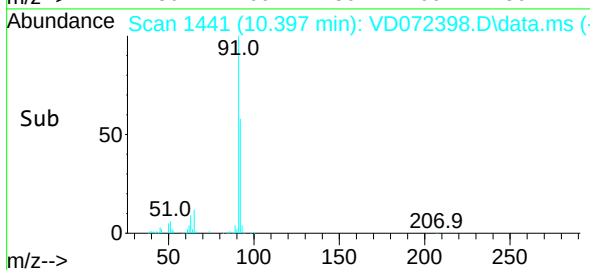
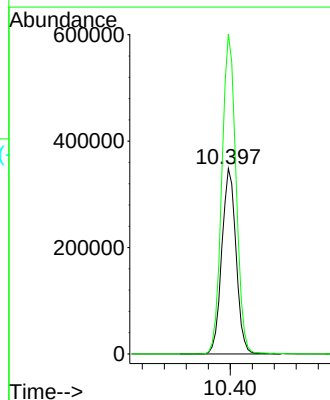
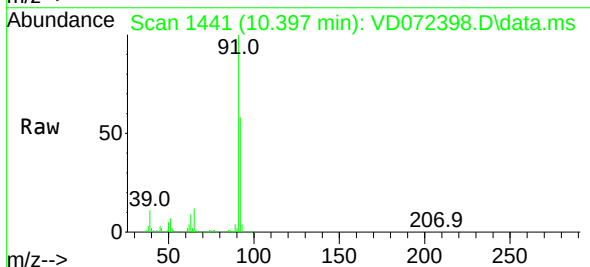
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

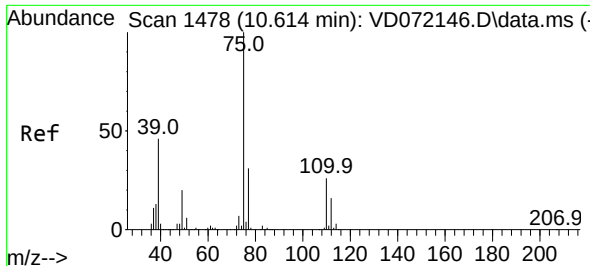
Tgt Ion: 43 Resp: 767303
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0



#52
Toluene
Concen: 49.821 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 92 Resp: 625892
Ion Ratio Lower Upper
92 100
91 172.4 139.6 209.4

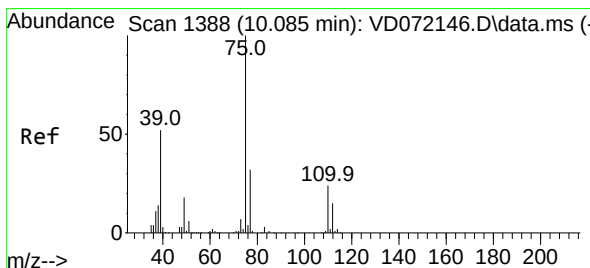
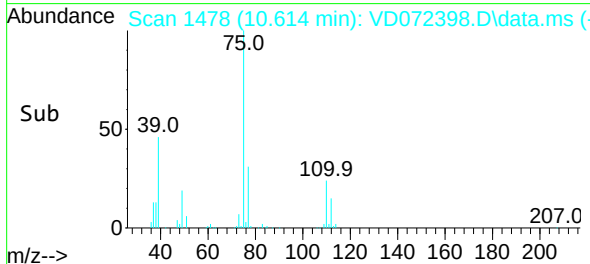
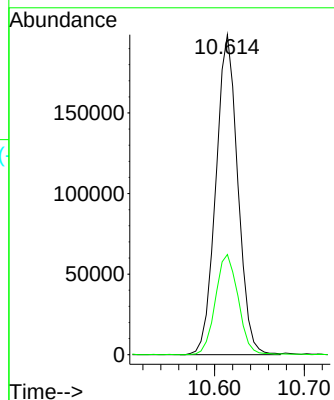
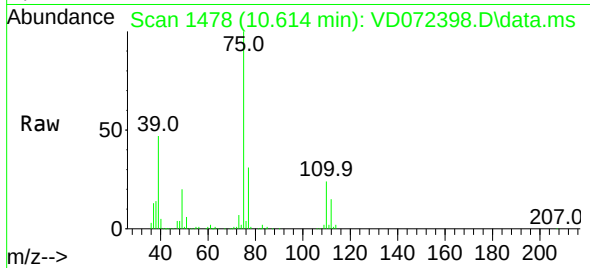




#53
t-1,3-Dichloropropene
Concen: 49.219 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

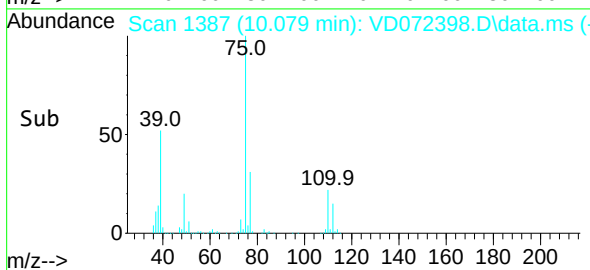
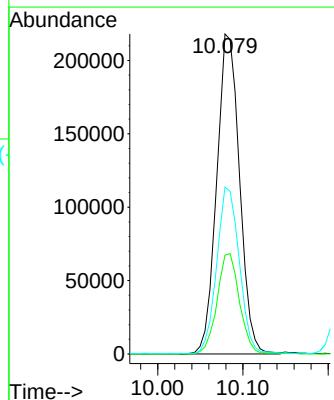
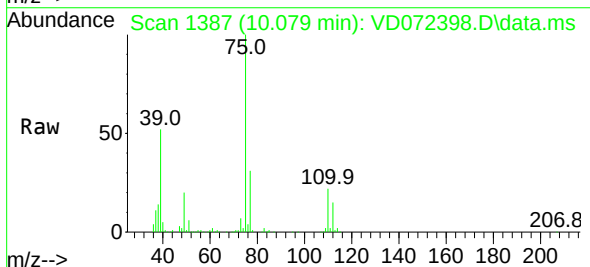
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

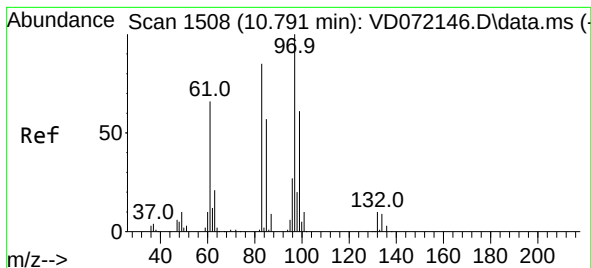
Tgt Ion: 75 Resp: 337644
Ion Ratio Lower Upper
75 100
77 31.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.171 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 75 Resp: 405802
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 51.9 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 50.052 ug/l

RT: 10.797 min Scan# 1509

Delta R.T. 0.006 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 196382

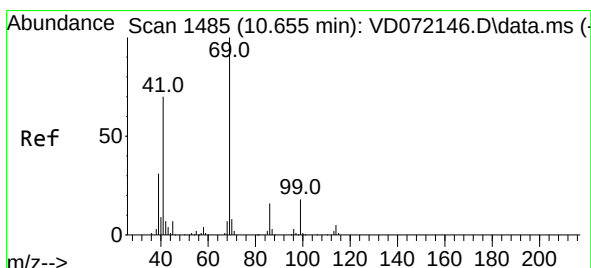
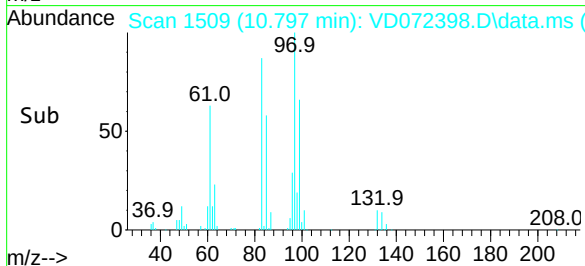
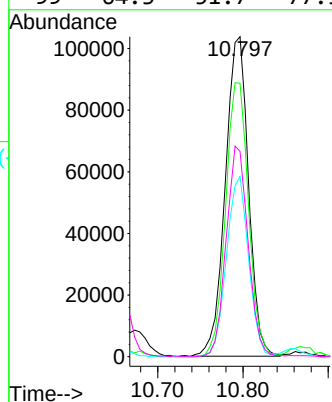
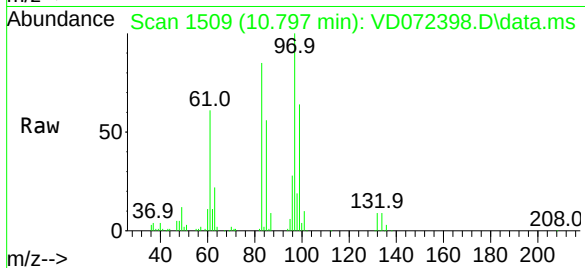
Ion Ratio Lower Upper

97 100

83 85.6 69.0 103.4

85 56.4 42.6 63.8

99 64.3 51.7 77.5



#56

Ethyl methacrylate

Concen: 53.357 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

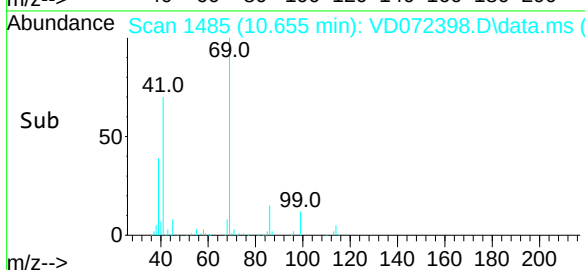
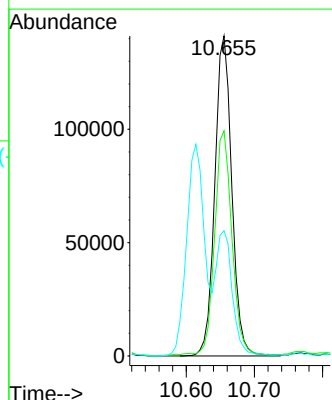
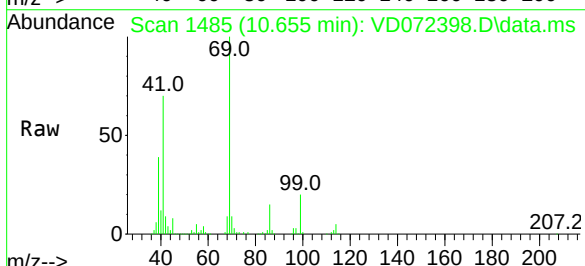
Tgt Ion: 69 Resp: 245207

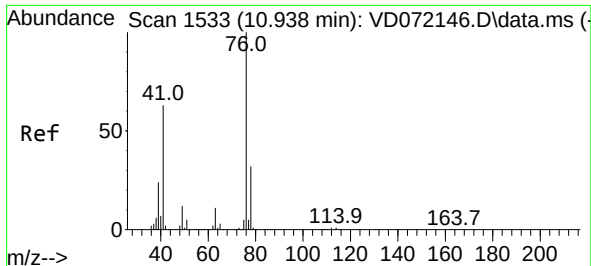
Ion Ratio Lower Upper

69 100

41 72.8 63.0 94.6

39 36.4 33.8 50.8





#57

1,3-Dichloropropane

Concen: 49.720 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

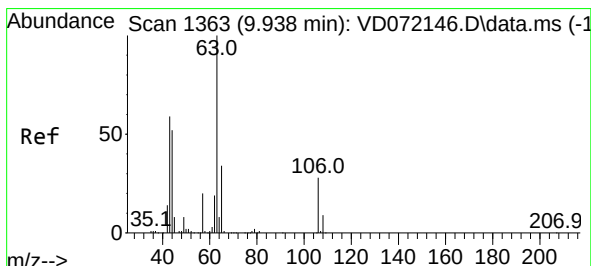
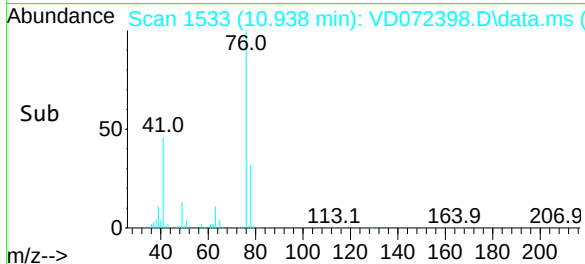
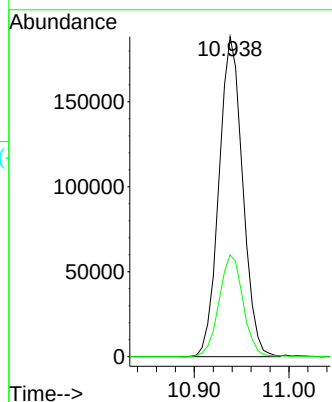
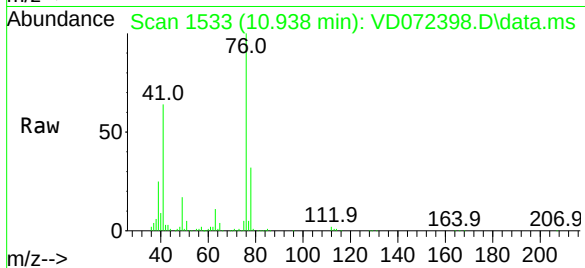
VSTDCCC050

Tgt Ion: 76 Resp: 327405

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 255.336 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VD072398.D

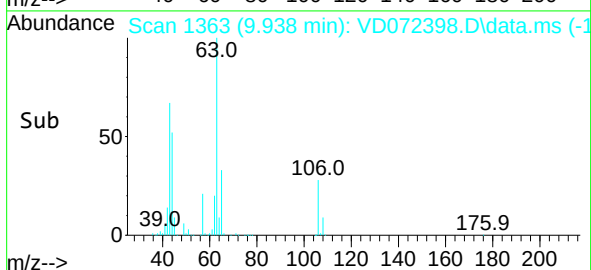
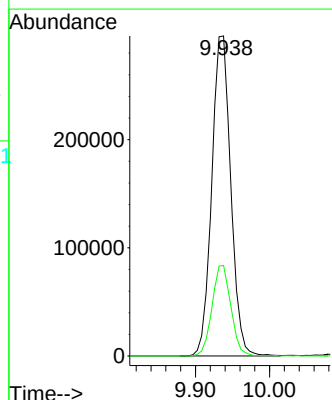
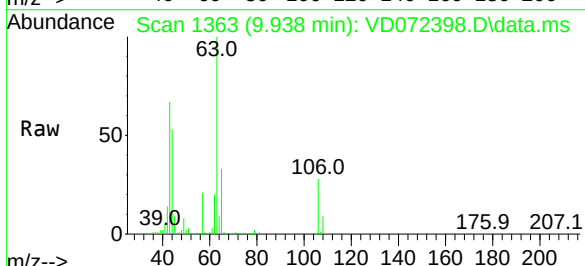
Acq: 24 Mar 2022 10:05

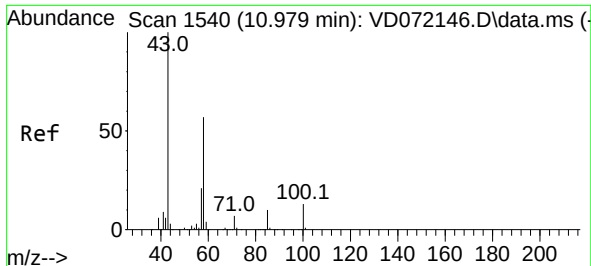
Tgt Ion: 63 Resp: 527604

Ion Ratio Lower Upper

63 100

106 28.0 21.4 32.0





#59

2-Hexanone

Concen: 268.030 ug/l

RT: 10.979 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

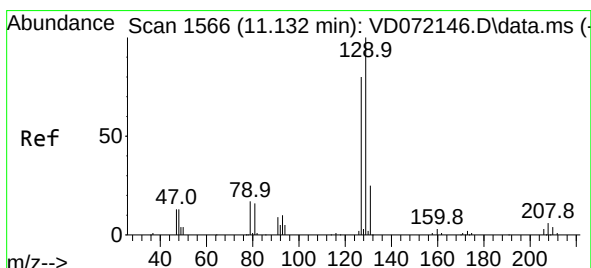
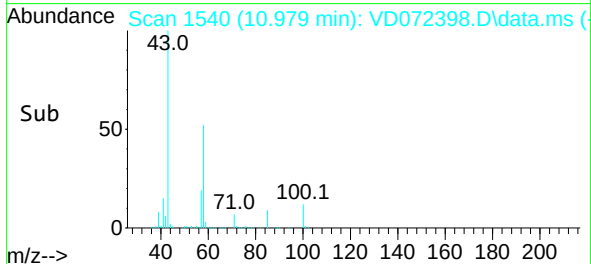
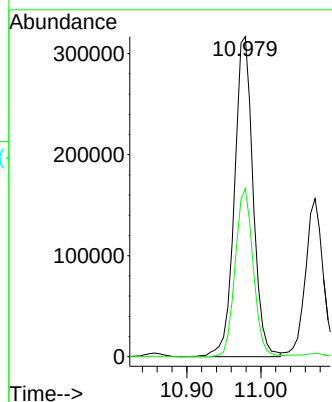
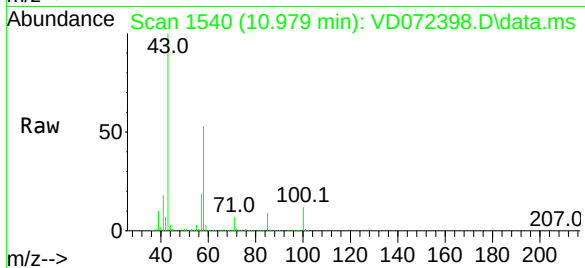
VSTDCCC050

Tgt Ion: 43 Resp: 553211

Ion Ratio Lower Upper

43 100

58 50.7 25.3 75.9



#60

Dibromochloromethane

Concen: 47.594 ug/l

RT: 11.132 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VD072398.D

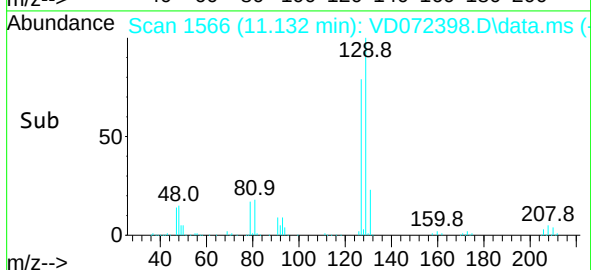
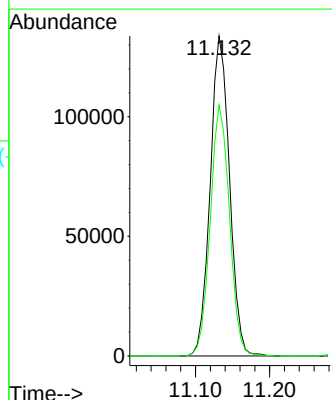
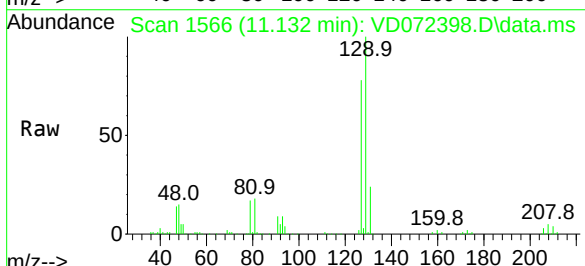
Acq: 24 Mar 2022 10:05

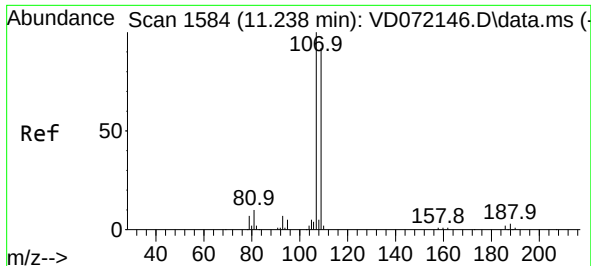
Tgt Ion:129 Resp: 242310

Ion Ratio Lower Upper

129 100

127 78.0 39.2 117.6

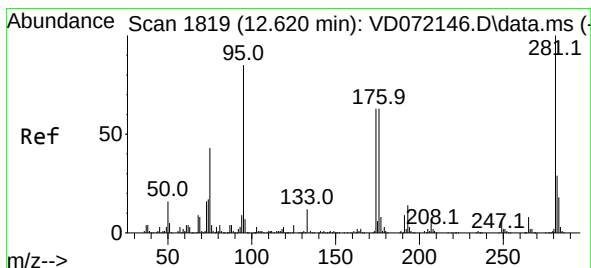
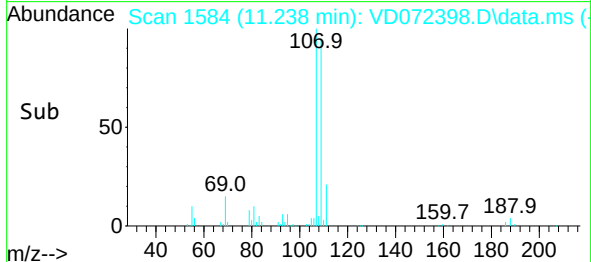
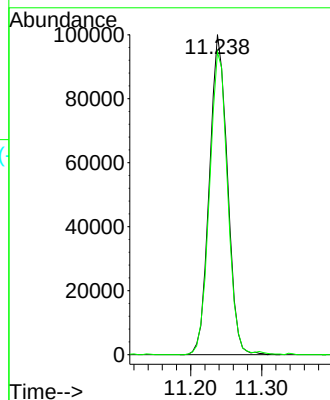
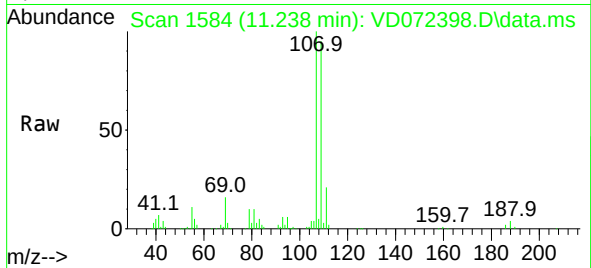




#61
1,2-Dibromoethane
Concen: 49.757 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

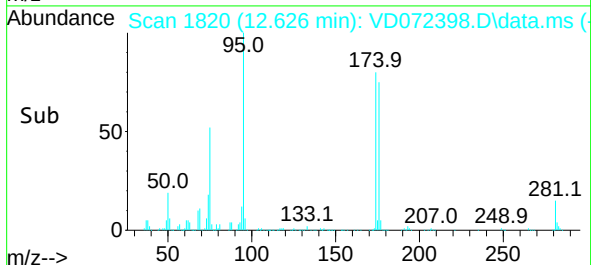
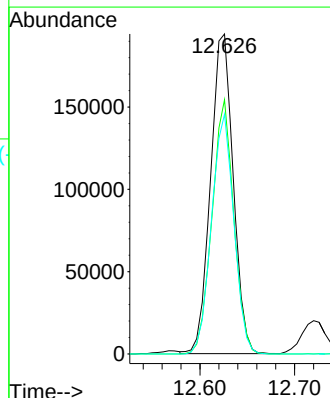
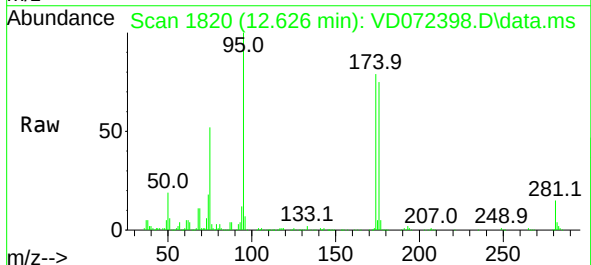
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

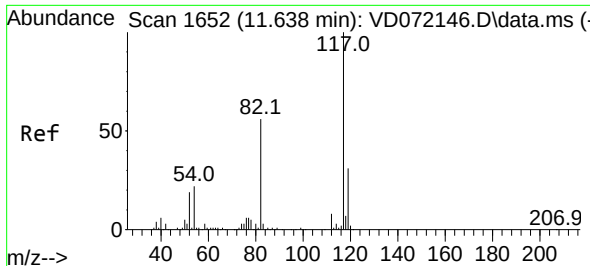
Tgt Ion:107 Resp: 176408
Ion Ratio Lower Upper
107 100
109 94.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 47.570 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 95 Resp: 322399
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 73.9 0.0 145.4

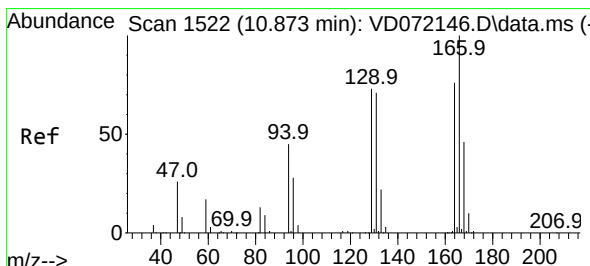
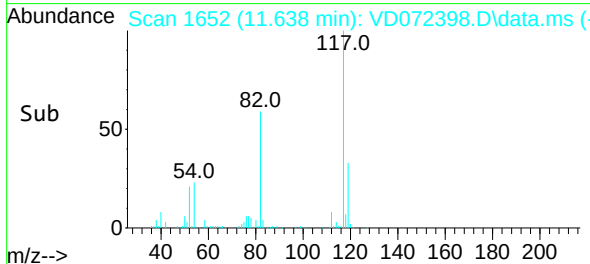
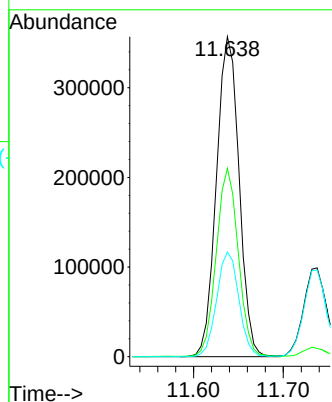
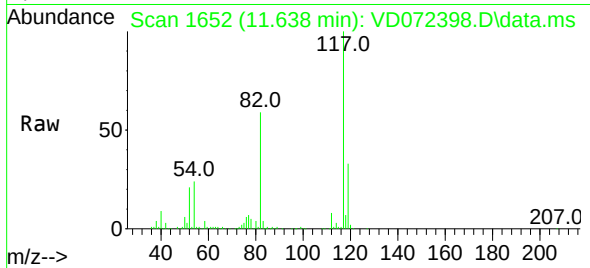




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

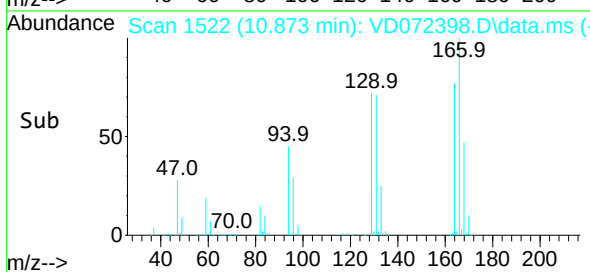
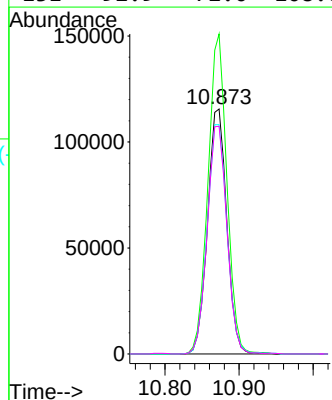
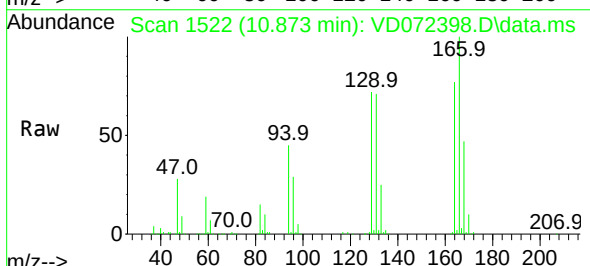
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

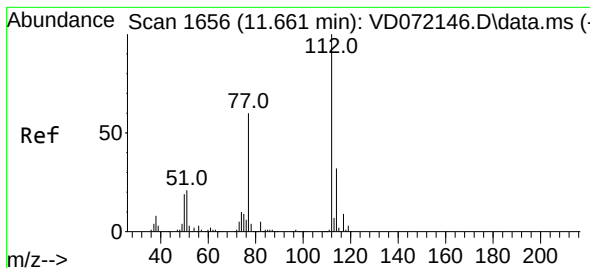
Tgt Ion:117 Resp: 626715
Ion Ratio Lower Upper
117 100
82 58.7 45.3 67.9
119 32.7 26.6 40.0



#64
Tetrachloroethene
Concen: 47.125 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion:164 Resp: 208088
Ion Ratio Lower Upper
164 100
166 130.6 98.5 147.7
129 93.6 74.6 111.8
131 92.9 72.0 108.0





#65

Chlorobenzene

Concen: 48.669 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

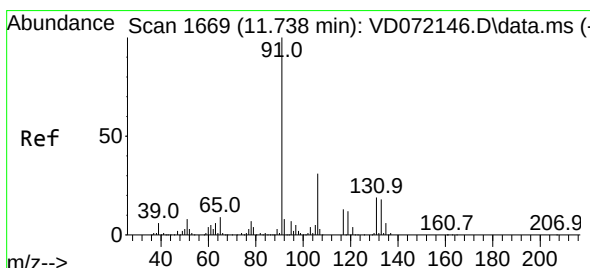
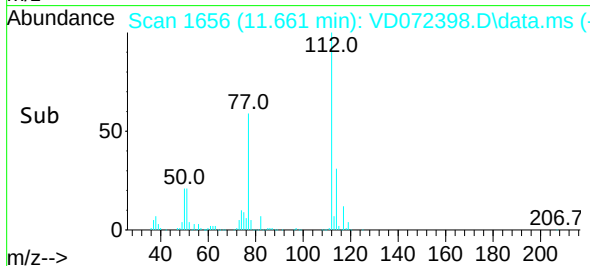
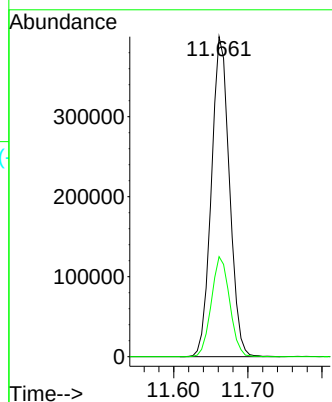
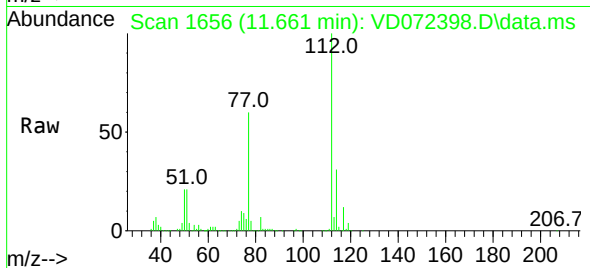
VSTDCCC050

Tgt Ion:112 Resp: 676202

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 48.084 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

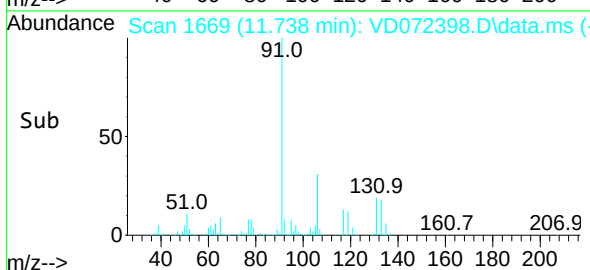
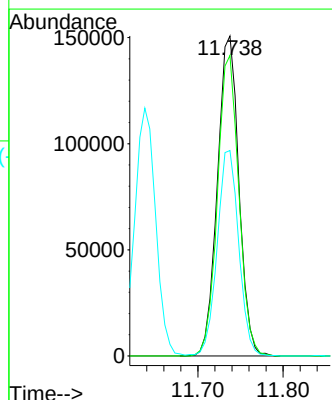
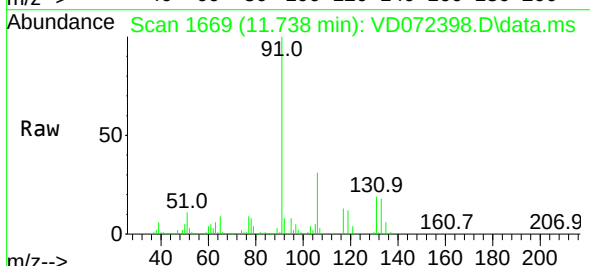
Tgt Ion:131 Resp: 264189

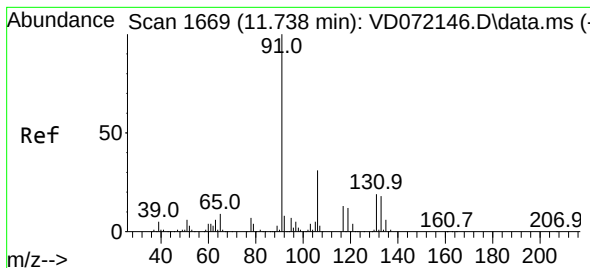
Ion Ratio Lower Upper

131 100

133 93.3 48.1 144.3

119 64.6 31.9 95.9





#67

Ethyl Benzene

Concen: 49.860 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

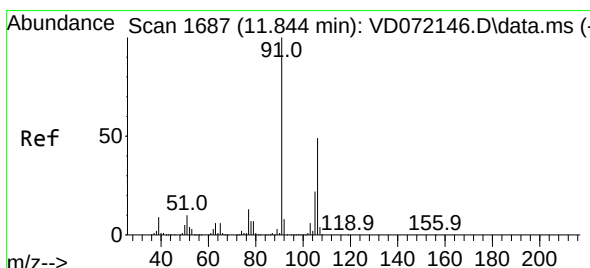
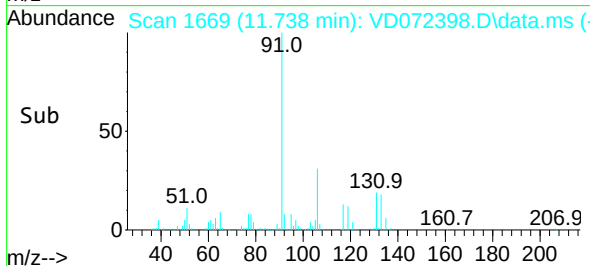
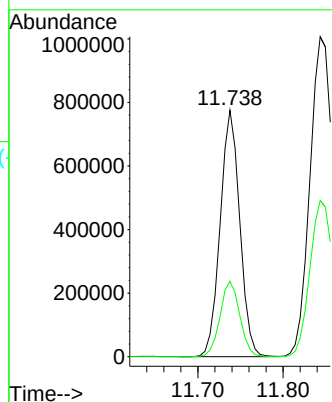
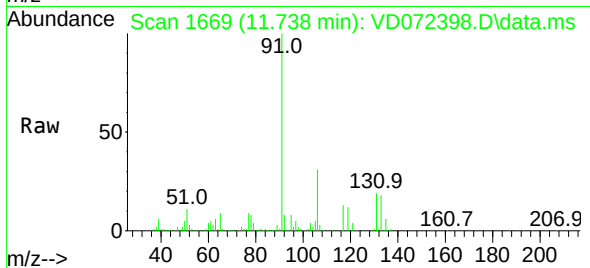
VSTDCCC050

Tgt Ion: 91 Resp: 1237278

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4



#68

m/p-Xylenes

Concen: 100.167 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD072398.D

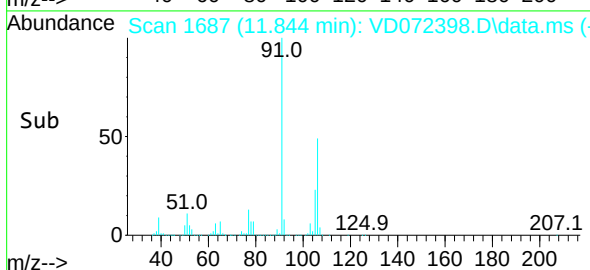
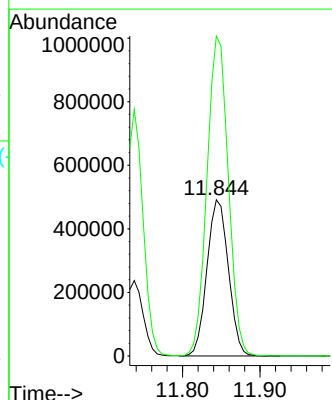
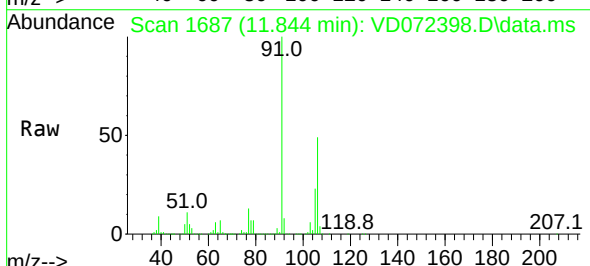
Acq: 24 Mar 2022 10:05

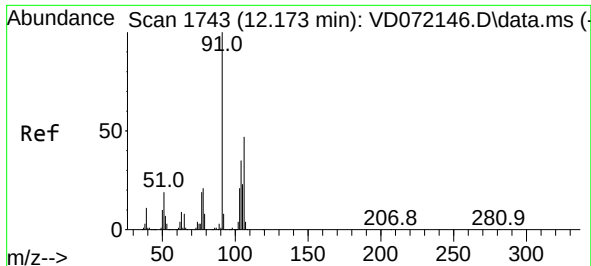
Tgt Ion: 106 Resp: 943854

Ion Ratio Lower Upper

106 100

91 203.9 163.7 245.5

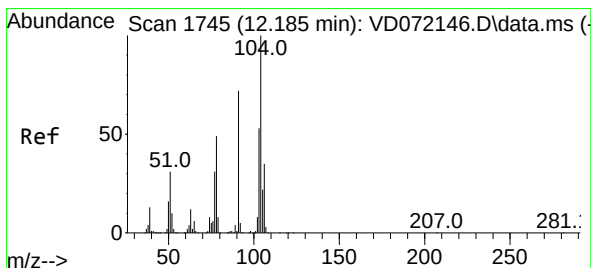
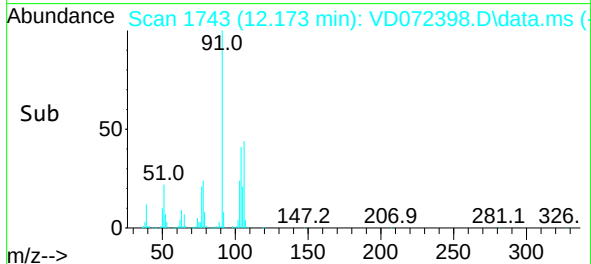
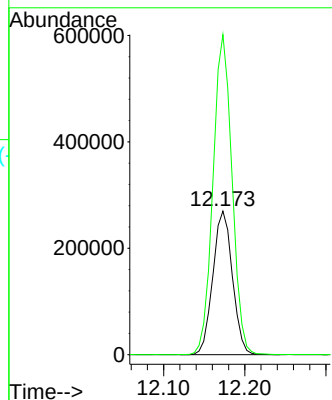
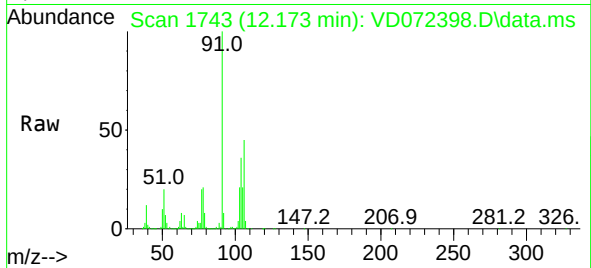




#69
o-Xylene
Concen: 50.076 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

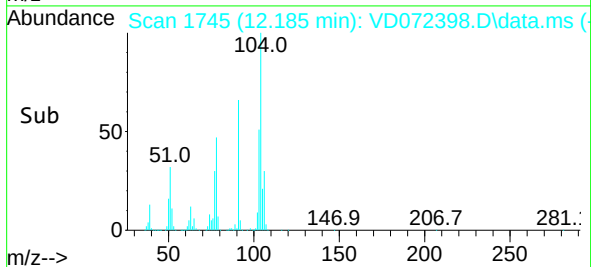
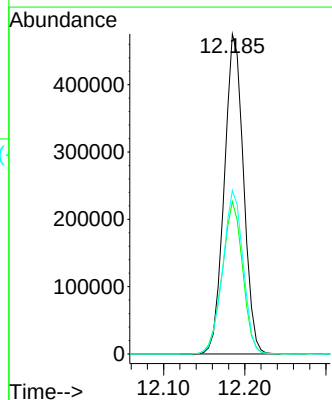
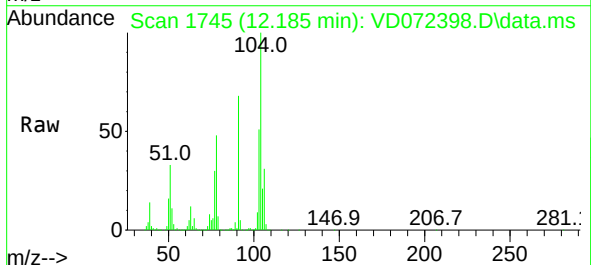
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

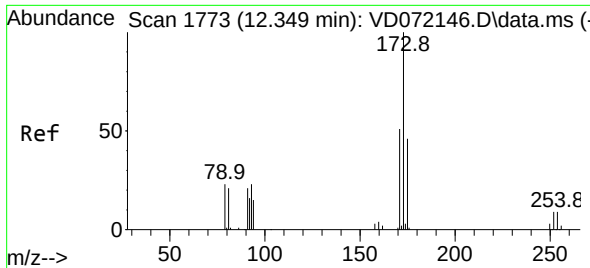
Tgt Ion:106 Resp: 451340
Ion Ratio Lower Upper
106 100
91 217.1 110.4 331.2



#70
Styrene
Concen: 49.740 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion:104 Resp: 782853
Ion Ratio Lower Upper
104 100
78 50.7 41.8 62.8
103 54.0 44.2 66.4

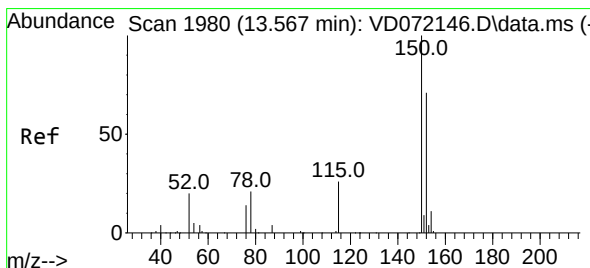
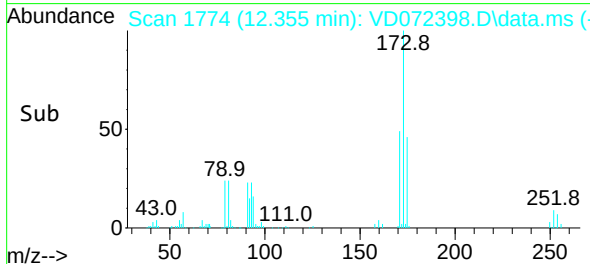
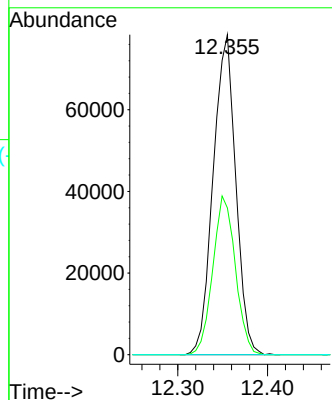
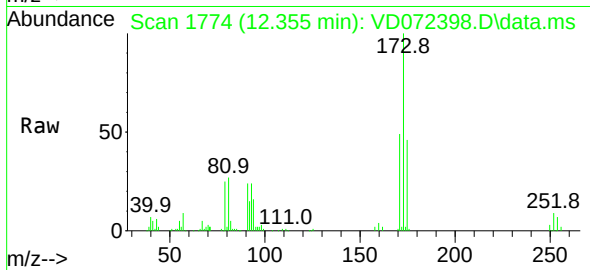




#71
Bromoform
Concen: 46.655 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

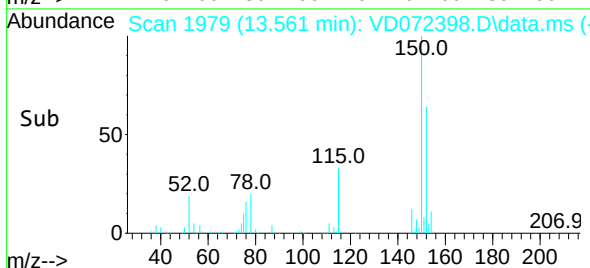
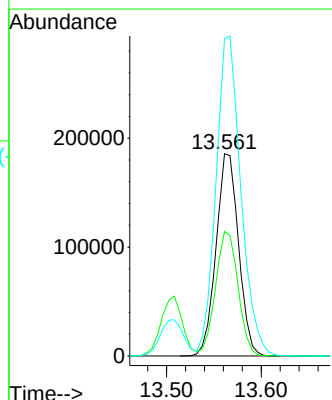
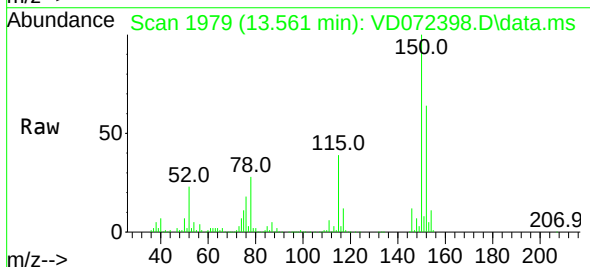
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

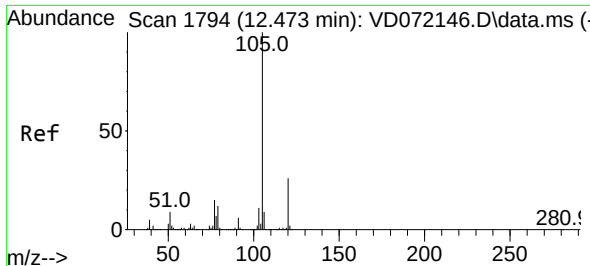
Tgt Ion:173 Resp: 136929
Ion Ratio Lower Upper
173 100
175 49.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion:152 Resp: 306696
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 175.1 0.0 348.6

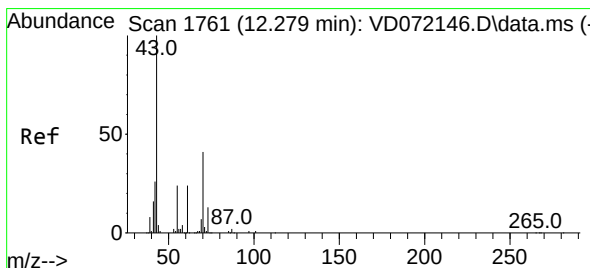
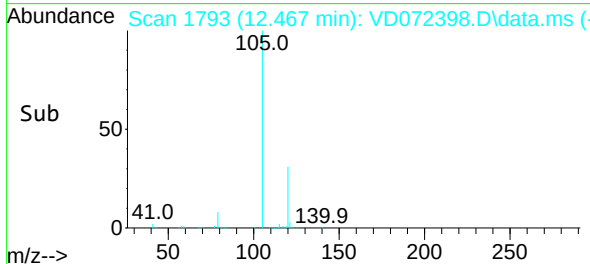
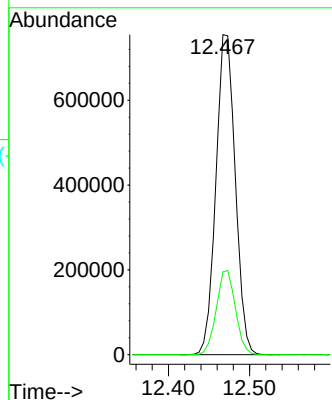
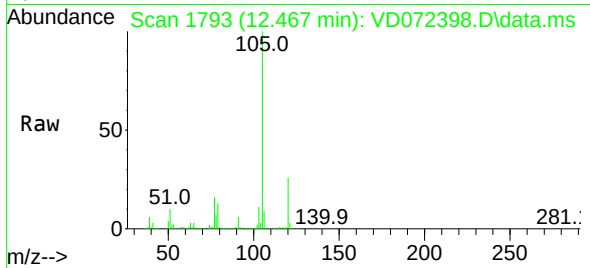




#73
Isopropylbenzene
Concen: 51.504 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

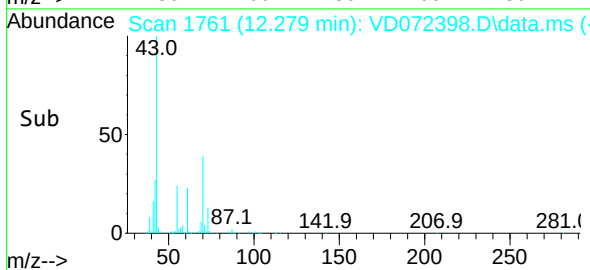
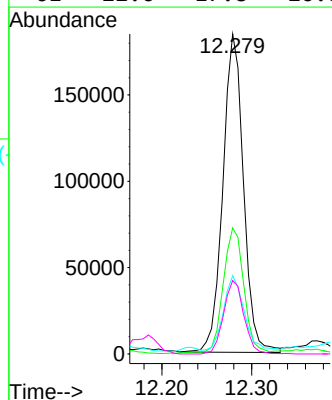
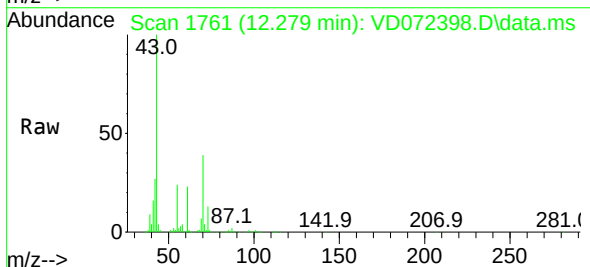
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

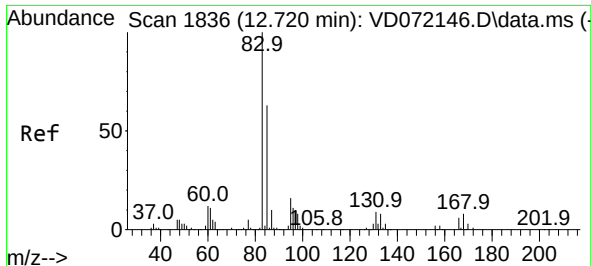
Tgt Ion:105 Resp: 1251758
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 56.372 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 43 Resp: 294427
Ion Ratio Lower Upper
43 100
70 39.7 31.3 46.9
55 25.5 20.0 30.0
61 22.6 17.8 26.8

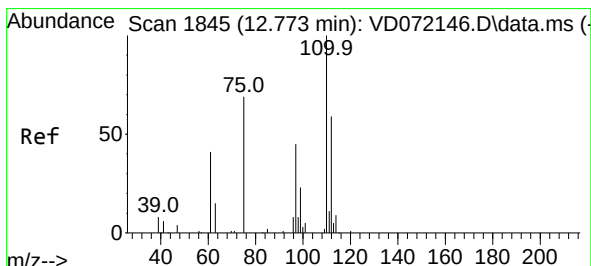
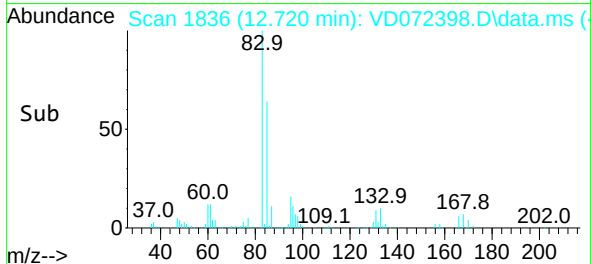
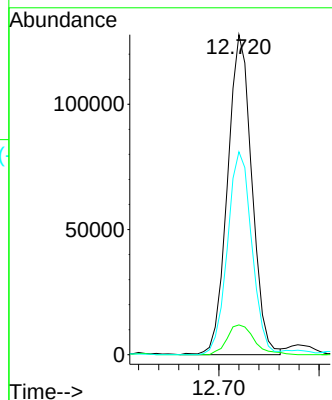
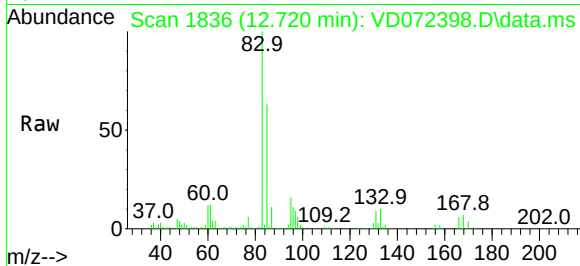




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.561 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

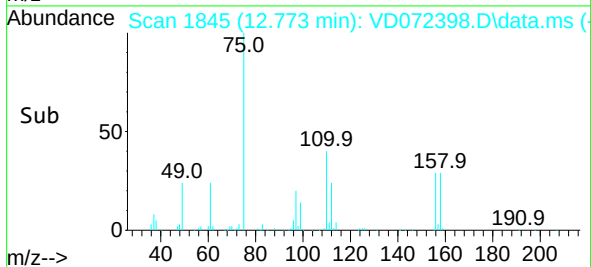
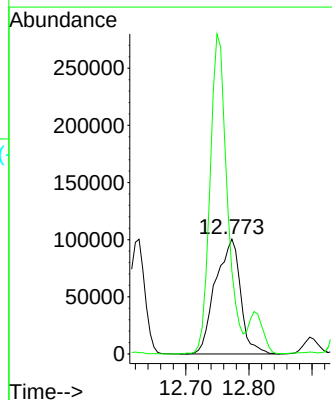
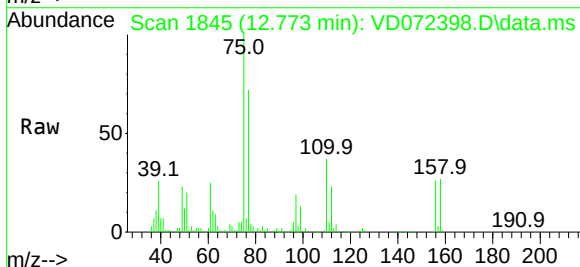
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

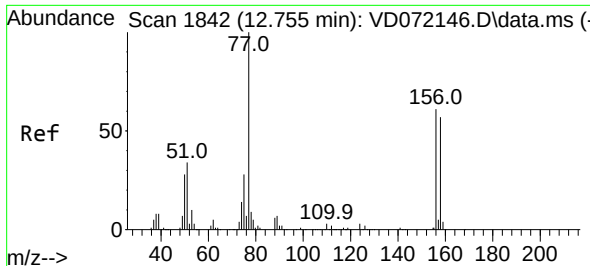
Tgt Ion: 83 Resp: 215430
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.0 14.9
 85 63.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 81.802 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD072398.D
 Acq: 24 Mar 2022 10:05

Tgt Ion: 75 Resp: 276745
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

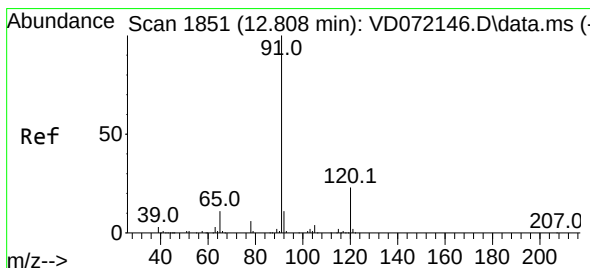
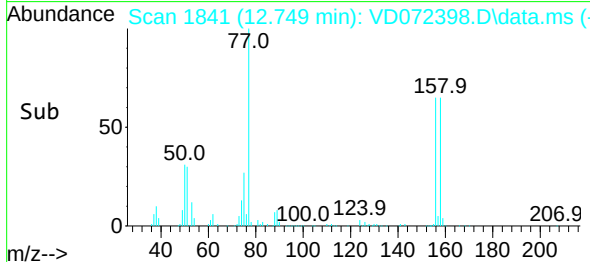
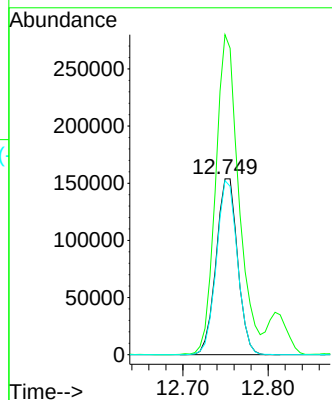
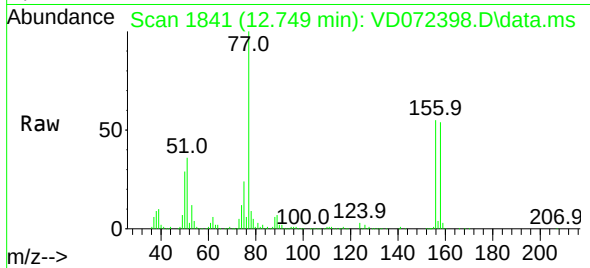




#77
Bromobenzene
Concen: 49.226 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

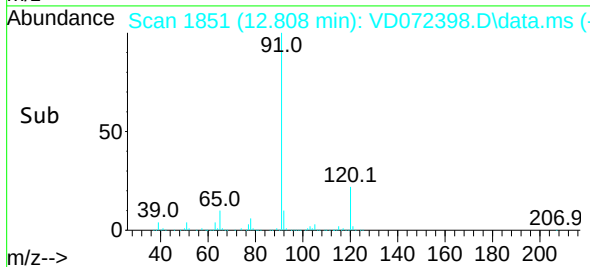
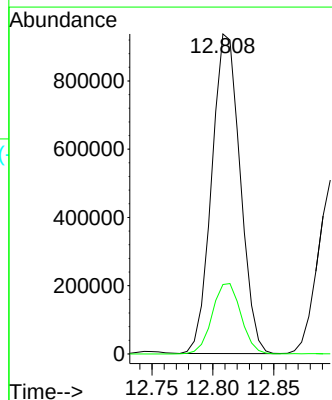
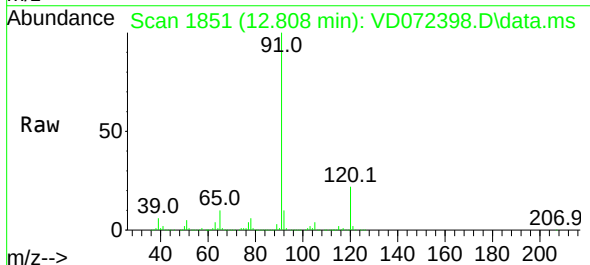
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

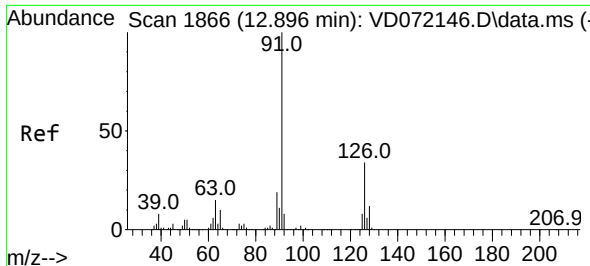
Tgt Ion:156 Resp: 269280
Ion Ratio Lower Upper
156 100
77 196.0 102.8 308.3
158 96.8 48.7 146.1



#78
n-propylbenzene
Concen: 51.640 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 91 Resp: 1524478
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

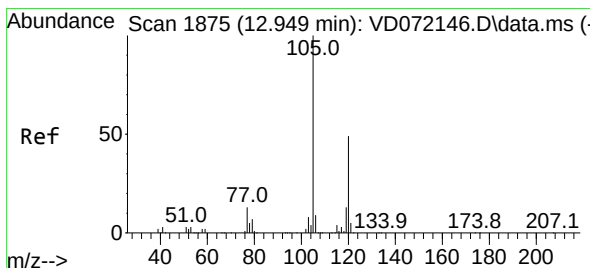
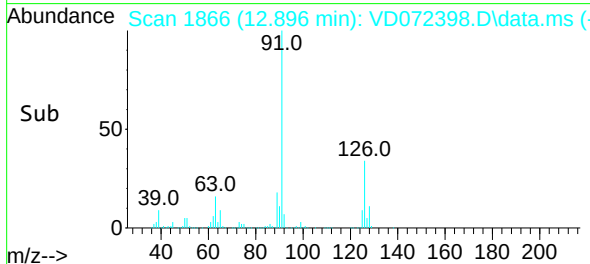
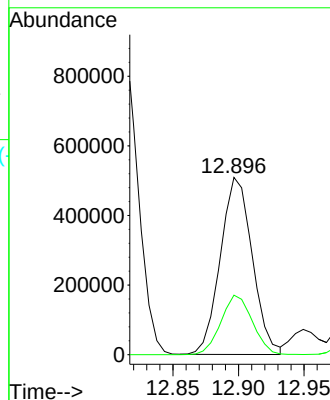
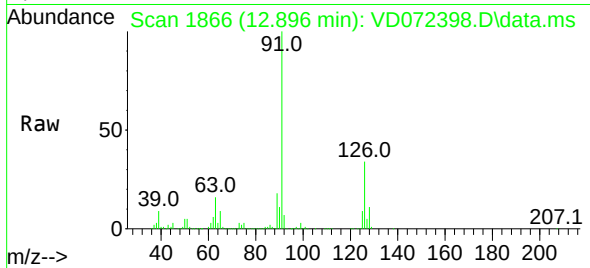




#79
2-Chlorotoluene
Concen: 50.590 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

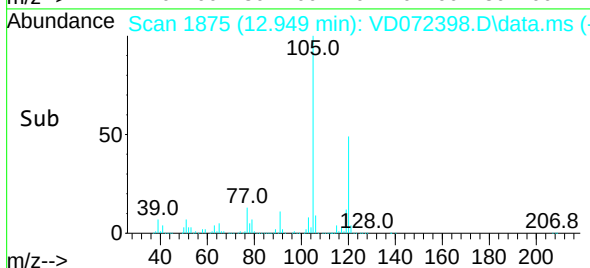
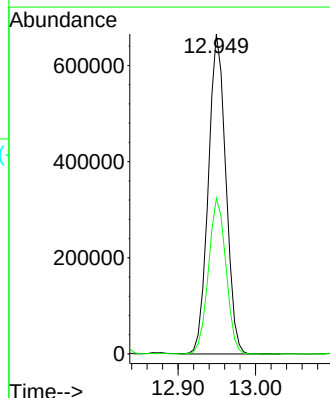
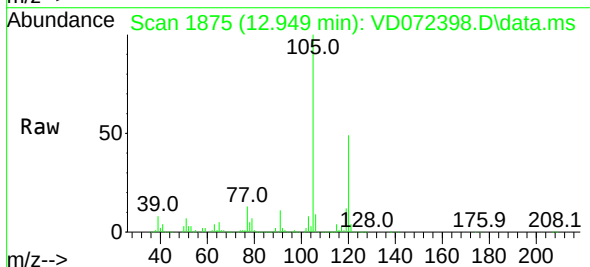
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

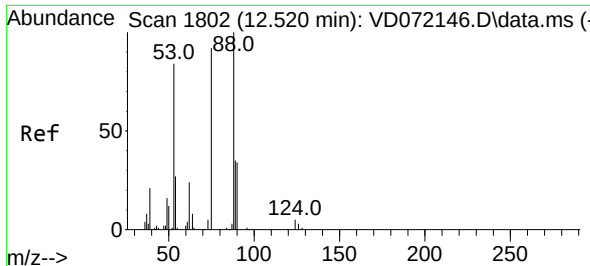
Tgt Ion: 91 Resp: 863587
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.925 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 105 Resp: 1042417
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.8

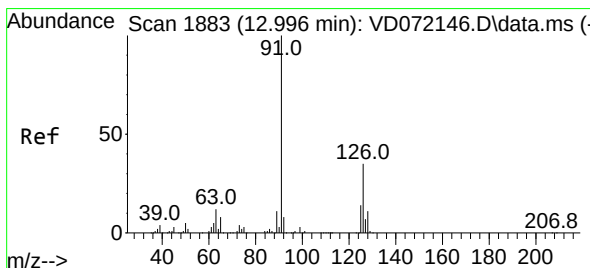
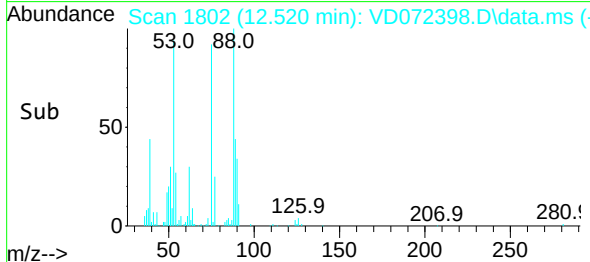
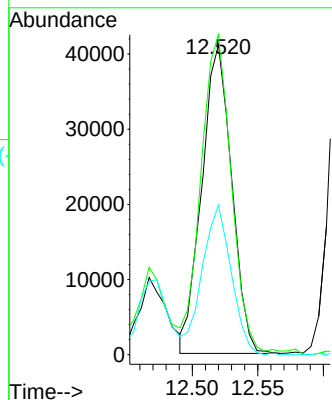
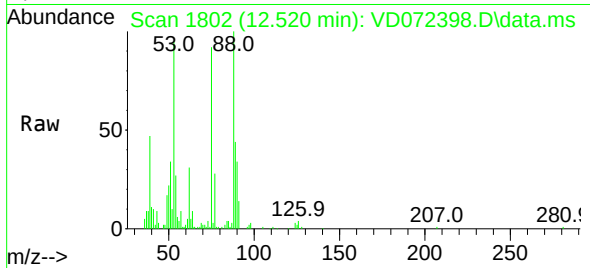




#81
trans-1,4-Dichloro-2-butene
Concen: 47.632 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

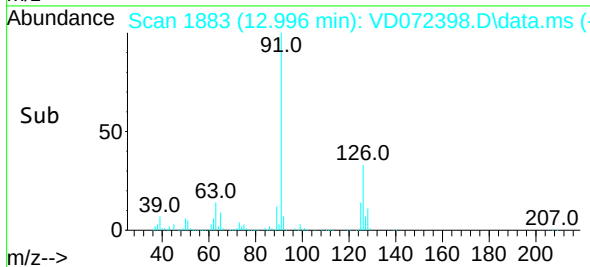
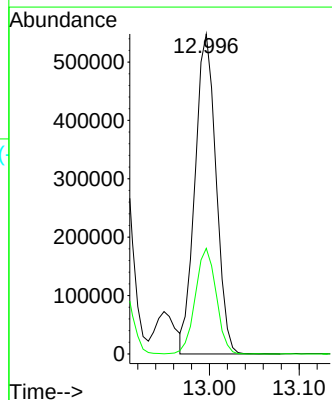
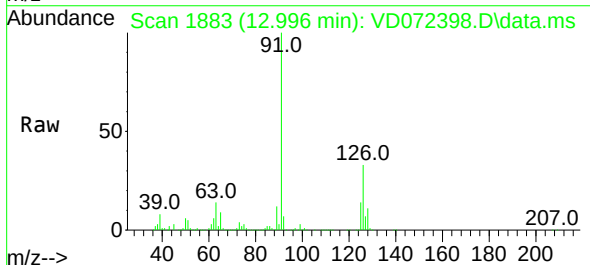
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

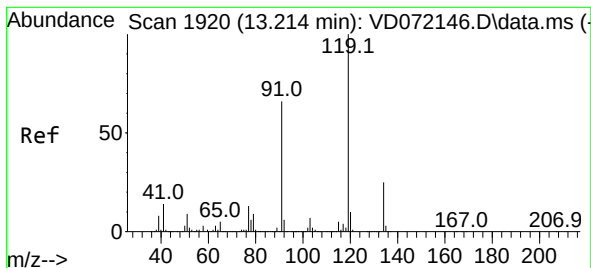
Tgt Ion: 75 Resp: 64949
Ion Ratio Lower Upper
75 100
53 106.7 86.5 129.7
89 47.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 50.281 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 91 Resp: 888719
Ion Ratio Lower Upper
91 100
126 32.9 16.5 49.5





#83

tert-Butylbenzene

Concen: 49.773 ug/l

RT: 13.214 min Scan# 1920

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

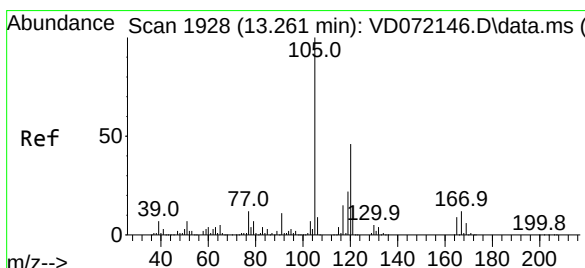
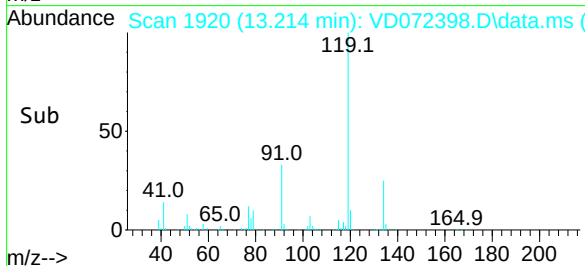
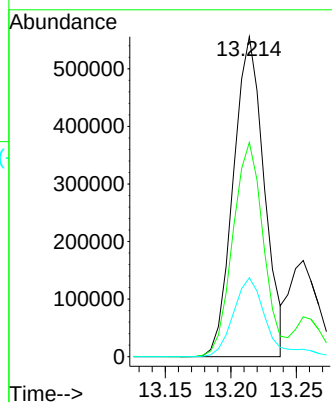
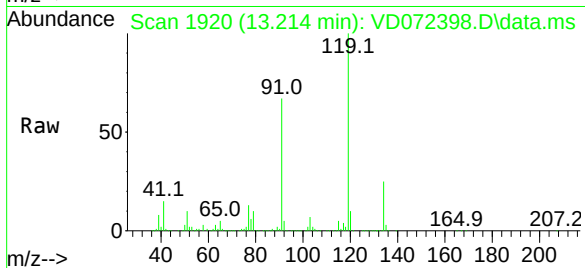
Tgt Ion:119 Resp: 911122

Ion Ratio Lower Upper

119 100

91 67.0 34.8 104.5

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 49.245 ug/l

RT: 13.261 min Scan# 1928

Delta R.T. 0.000 min

Lab File: VD072398.D

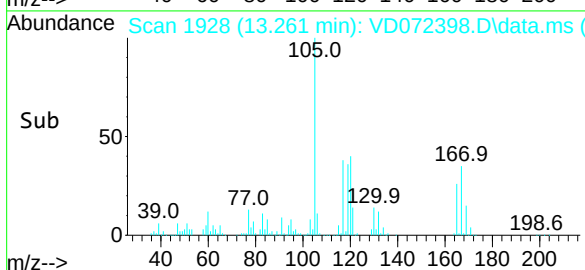
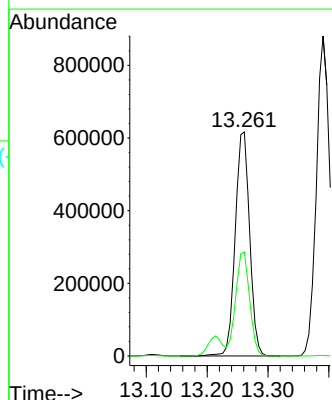
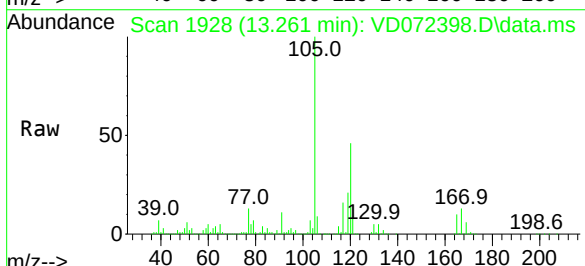
Acq: 24 Mar 2022 10:05

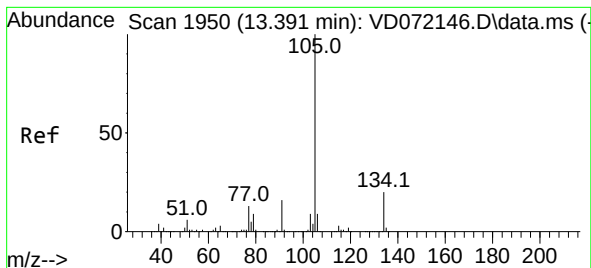
Tgt Ion:105 Resp: 1013117

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.712 ug/l

RT: 13.391 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

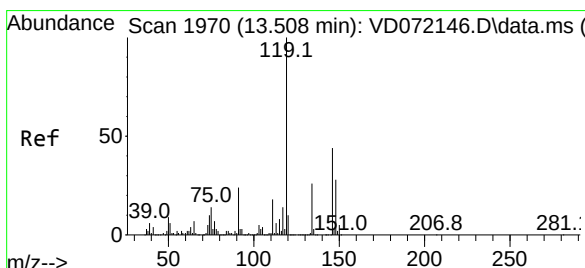
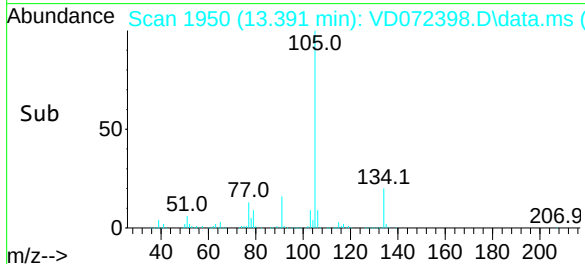
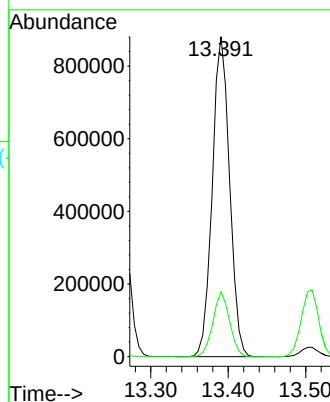
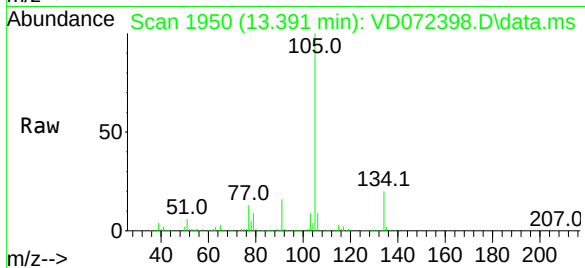
VSTDCCC050

Tgt Ion:105 Resp: 1366575

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 50.143 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

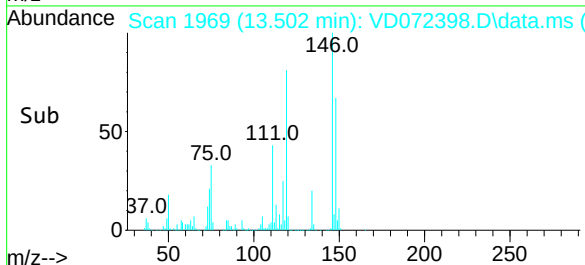
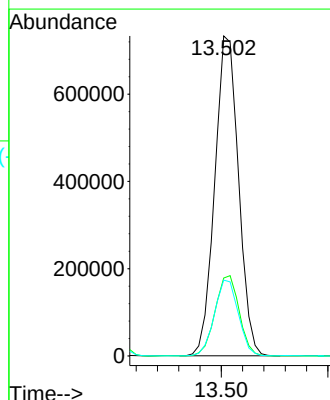
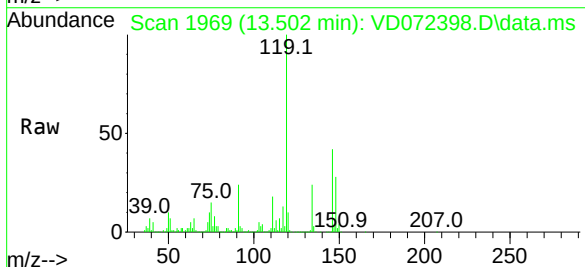
Tgt Ion:119 Resp: 1134274

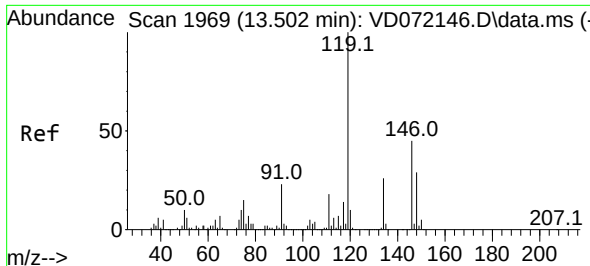
Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.6

91 23.8 12.1 36.3

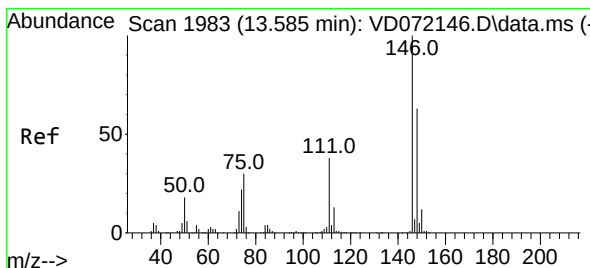
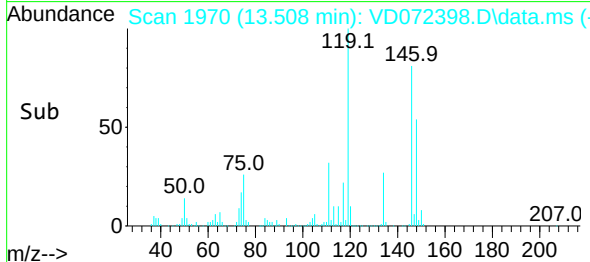
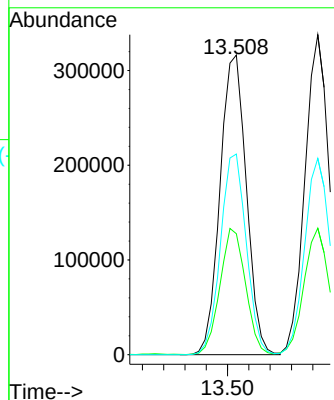
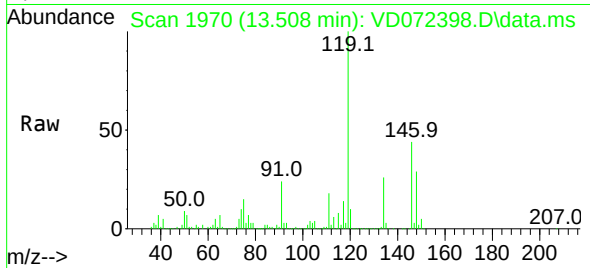




#87
1,3-Dichlorobenzene
Concen: 47.333 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

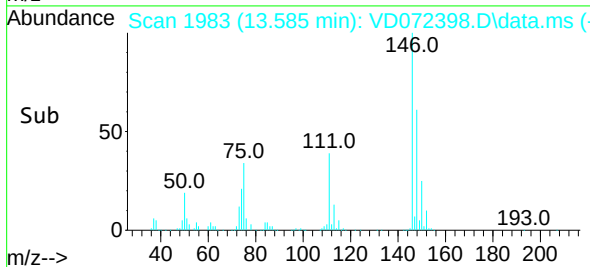
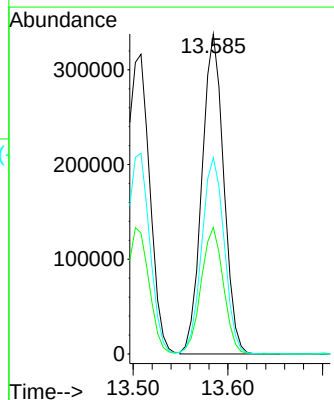
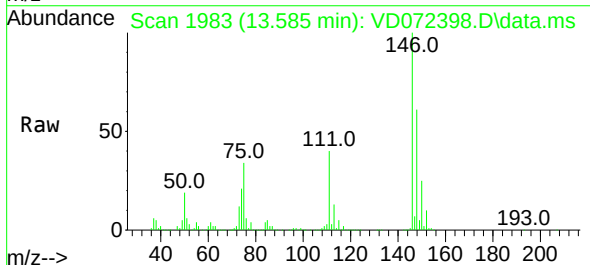
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

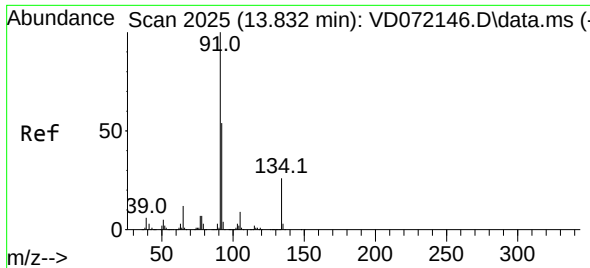
Tgt Ion:146 Resp: 542650
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 65.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 47.467 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion:146 Resp: 539628
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 63.4 31.7 95.1

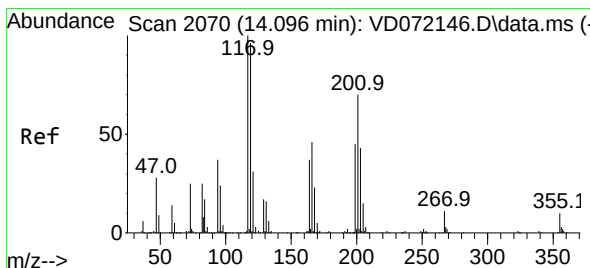
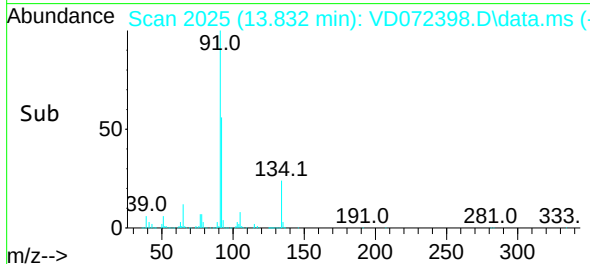
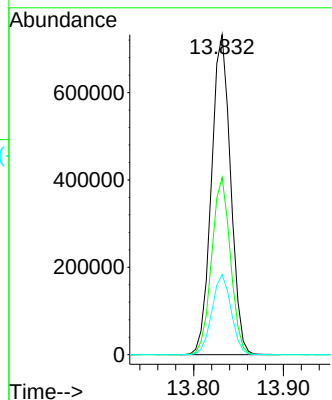
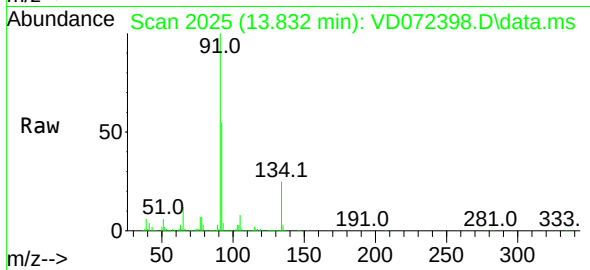




#89
n-Butylbenzene
Concen: 50.465 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

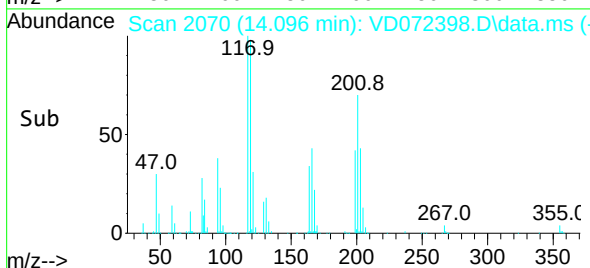
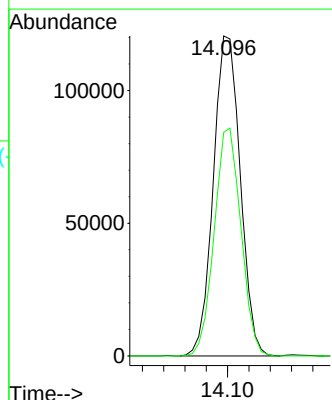
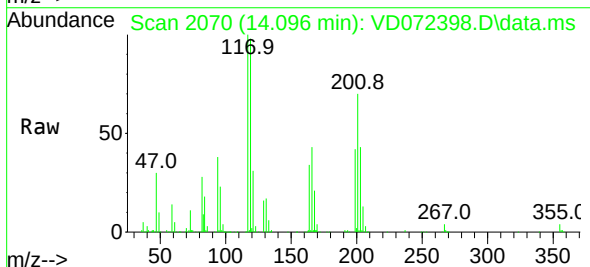
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

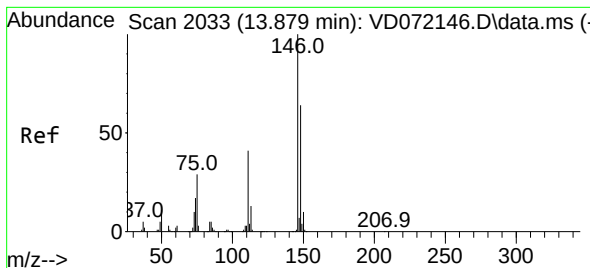
Tgt Ion: 91 Resp: 1088090
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 47.814 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072398.D
Acq: 24 Mar 2022 10:05

Tgt Ion: 117 Resp: 211984
Ion Ratio Lower Upper
117 100
201 70.3 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 48.312 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

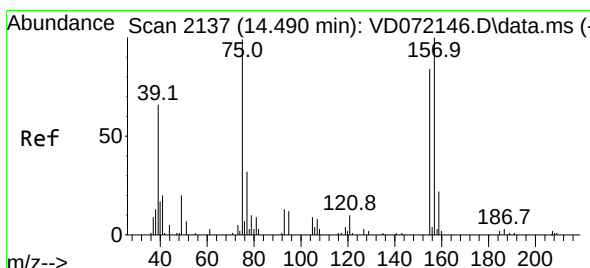
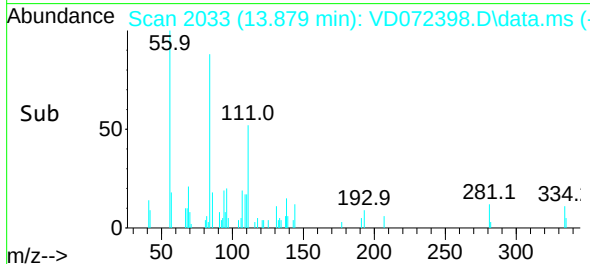
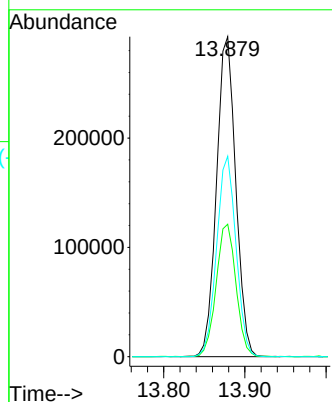
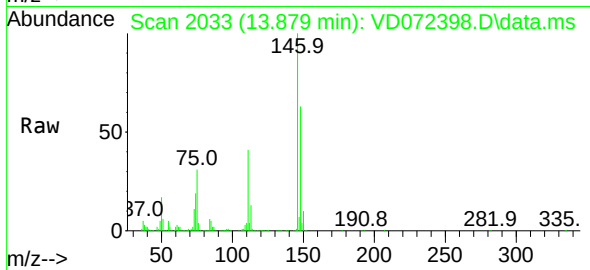
Tgt Ion:146 Resp: 482907

Ion Ratio Lower Upper

146 100

111 42.6 21.1 63.3

148 63.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.346 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

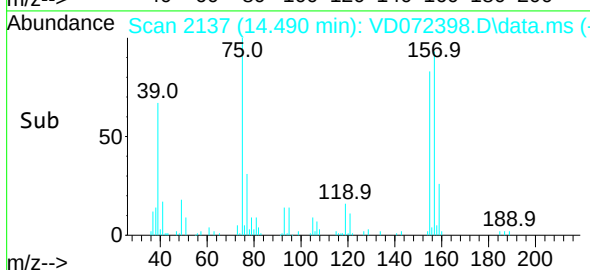
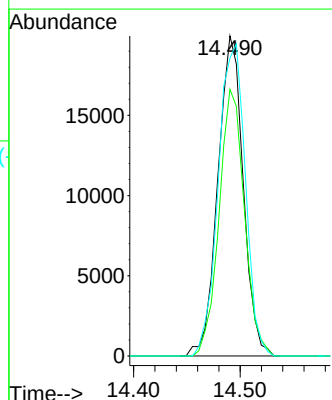
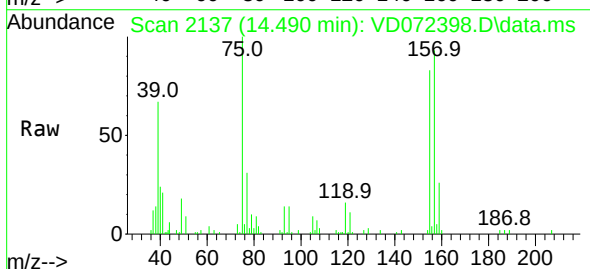
Tgt Ion: 75 Resp: 32844

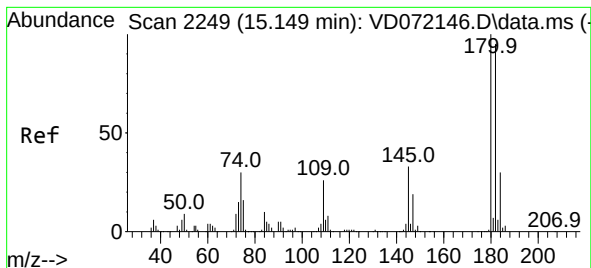
Ion Ratio Lower Upper

75 100

155 83.4 36.8 110.3

157 104.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 45.921 ug/l

RT: 15.149 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

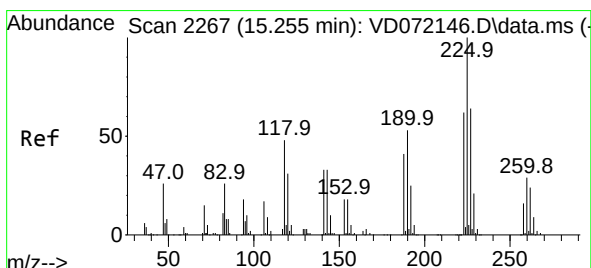
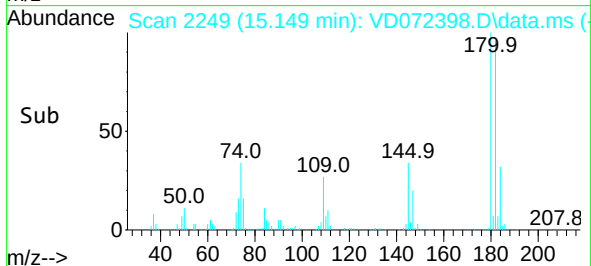
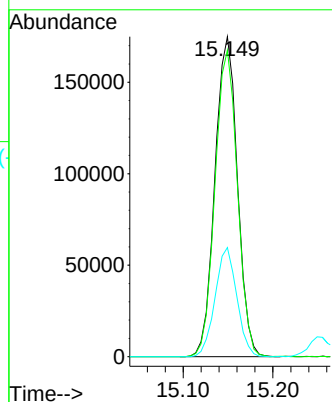
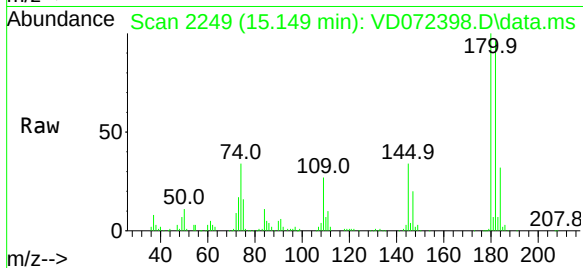
Tgt Ion:180 Resp: 303886

Ion Ratio Lower Upper

180 100

182 95.4 47.3 142.0

145 33.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 44.942 ug/l

RT: 15.255 min Scan# 2267

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

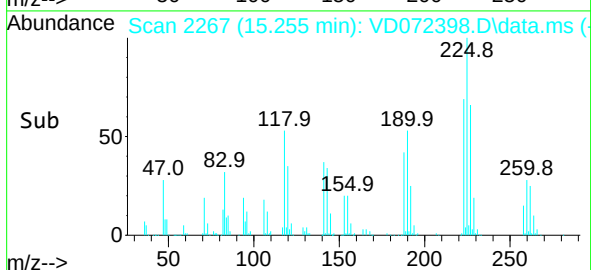
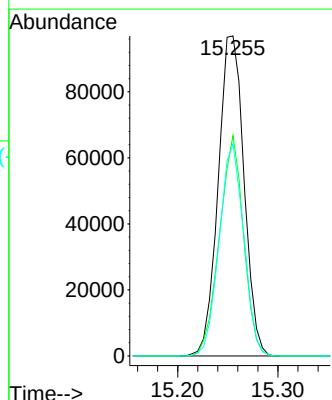
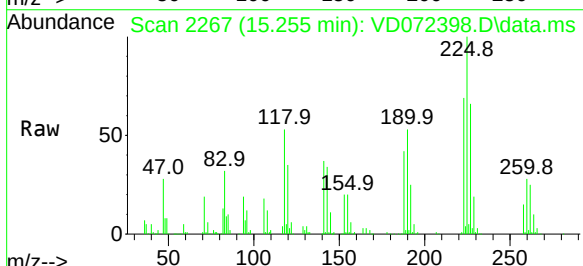
Tgt Ion:225 Resp: 173004

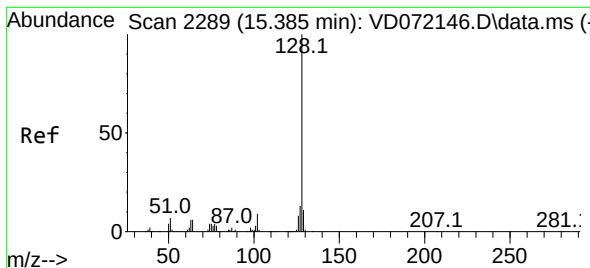
Ion Ratio Lower Upper

225 100

223 64.1 31.1 93.2

227 63.0 32.4 97.0





#95

Naphthalene

Concen: 47.771 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

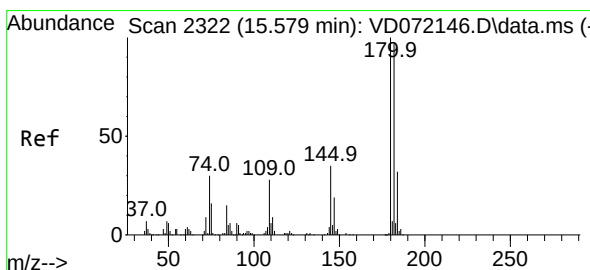
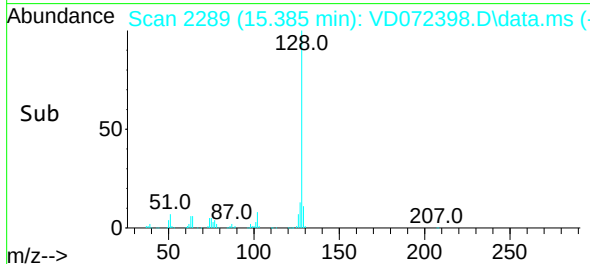
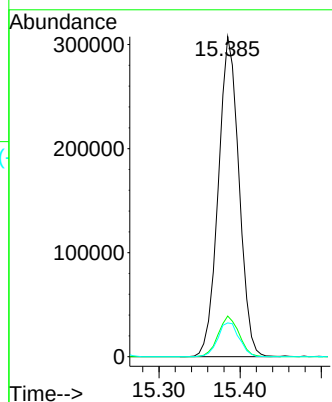
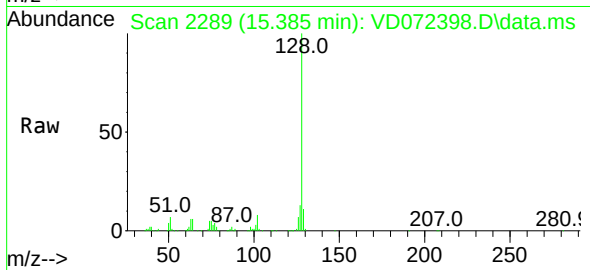
Tgt Ion:128 Resp: 544939

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 46.186 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. 0.000 min

Lab File: VD072398.D

Acq: 24 Mar 2022 10:05

Tgt Ion:180 Resp: 264563

Ion Ratio Lower Upper

180 100

182 96.1 47.6 142.9

145 33.1 17.1 51.3

