

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061422\
 Data File : VD073580.D
 Acq On : 14 Jun 2022 20:32
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 15 01:38:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	331530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	560349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	543017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265928	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182882	51.404	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.800%	
35) Dibromofluoromethane	7.908	113	187393	52.006	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.020%	
50) Toluene-d8	10.332	98	723866	53.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.260%	
62) 4-Bromofluorobenzene	12.620	95	266647	53.915	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	135262	42.782	ug/l	97
3) Chloromethane	2.209	50	149410	46.081	ug/l	98
4) Vinyl Chloride	2.344	62	141902	46.676	ug/l	97
5) Bromomethane	2.750	94	97627	44.795	ug/l	90
6) Chloroethane	2.909	64	92395	47.692	ug/l	96
7) Trichlorofluoromethane	3.262	101	277901	46.650	ug/l	97
8) Diethyl Ether	3.703	74	85971	50.427	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	163653	48.034	ug/l	94
10) Methyl Iodide	4.291	142	181681	44.869	ug/l	95
11) Tert butyl alcohol	5.209	59	92640	148.176	ug/l #	85
12) 1,1-Dichloroethene	4.056	96	155693	48.129	ug/l	83
13) Acrolein	3.915	56	18480	117.935	ug/l	100
14) Allyl chloride	4.703	41	249827	51.876	ug/l #	89
15) Acrylonitrile	5.409	53	202837	264.949	ug/l	99
16) Acetone	4.156	43	146748	234.259	ug/l	95
17) Carbon Disulfide	4.403	76	468896	45.729	ug/l	98
18) Methyl Acetate	4.714	43	88948	50.358	ug/l #	91
19) Methyl tert-butyl Ether	5.467	73	412294	53.403	ug/l	97
20) Methylene Chloride	4.956	84	220537	56.617	ug/l	88
21) trans-1,2-Dichloroethene	5.462	96	191993	49.062	ug/l	93
22) Diisopropyl ether	6.356	45	570840	54.930	ug/l #	91
23) Vinyl Acetate	6.297	43	1563882	277.398	ug/l #	93
24) 1,1-Dichloroethane	6.256	63	342493	51.414	ug/l	99
25) 2-Butanone	7.203	43	245411	266.248	ug/l #	90
26) 2,2-Dichloropropane	7.203	77	271394	45.442	ug/l	97
27) cis-1,2-Dichloroethene	7.203	96	221352	52.326	ug/l	89
28) Bromochloromethane	7.538	49	136654	52.268	ug/l #	74
29) Tetrahydrofuran	7.556	42	163807	278.585	ug/l #	88
30) Chloroform	7.703	83	368154	51.728	ug/l	98
31) Cyclohexane	7.979	56	287146	47.912	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	312891	49.895	ug/l	94
36) 1,1-Dichloropropene	8.103	75	260955	48.219	ug/l	95
37) Ethyl Acetate	7.285	43	115264	52.727	ug/l #	95
38) Carbon Tetrachloride	8.091	117	275227	48.615	ug/l	98
39) Methylcyclohexane	9.350	83	305816	48.491	ug/l	95
40) Benzene	8.344	78	784576	49.840	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	60617	51.147	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	218743	50.259	ug/l	94
43) Isopropyl Acetate	8.444	43	217789	51.781	ug/l #	92
44) Trichloroethene	9.102	130	218030	49.728	ug/l	91
45) 1,2-Dichloropropane	9.379	63	196541	50.399	ug/l	98
46) Dibromomethane	9.467	93	112803	51.348	ug/l	92
47) Bromodichloromethane	9.655	83	274814	49.924	ug/l #	97
48) Methyl methacrylate	9.450	41	111680	53.604	ug/l #	88
49) 1,4-Dioxane	9.450	88	26059	1031.334	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	581444	273.210	ug/l	90
52) Toluene	10.391	92	518720	51.377	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	261443	50.640	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	308315	50.991	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	160792	51.319	ug/l	97
56) Ethyl methacrylate	10.655	69	197832	55.110	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	263977	51.727	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	395938	268.266	ug/l	95
59) 2-Hexanone	10.973	43	394139	270.423	ug/l	91
60) Dibromochloromethane	11.132	129	197778	51.145	ug/l	99
61) 1,2-Dibromoethane	11.238	107	154062	51.607	ug/l	99
64) Tetrachloroethene	10.867	164	173123	46.830	ug/l	95
65) Chlorobenzene	11.661	112	552762	49.475	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	210253	49.598	ug/l	99
67) Ethyl Benzene	11.732	91	984946	50.446	ug/l	99
68) m/p-Xylenes	11.844	106	761534	99.391	ug/l	99
69) o-Xylene	12.167	106	362771	51.455	ug/l	95
70) Styrene	12.185	104	627311	51.584	ug/l	98
71) Bromoform	12.349	173	119321	51.477	ug/l #	99
73) Isopropylbenzene	12.467	105	946351	51.342	ug/l	98
74) N-amyl acetate	12.279	43	216350	52.762	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	176311	50.387	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	226270	87.587	ug/l #	100
77) Bromobenzene	12.749	156	227713	50.585	ug/l	91
78) n-propylbenzene	12.808	91	1165827	50.813	ug/l	98
79) 2-Chlorotoluene	12.896	91	678063	50.843	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	814945	51.263	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	58128	52.813	ug/l	85
82) 4-Chlorotoluene	12.991	91	711165	50.581	ug/l	97
83) tert-Butylbenzene	13.208	119	679557	50.577	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	821372	51.767	ug/l	99
85) sec-Butylbenzene	13.385	105	1031676	51.257	ug/l	98
86) p-Isopropyltoluene	13.502	119	857269	51.094	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	454491	49.445	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	445635	49.007	ug/l	99
89) n-Butylbenzene	13.826	91	797839	50.408	ug/l	98
90) Hexachloroethane	14.096	117	168095	48.378	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	399883	50.439	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	27538	49.277	ug/l	77
93) 1,2,4-Trichlorobenzene	15.143	180	239516	50.451	ug/l	100
94) Hexachlorobutadiene	15.249	225	122481	47.032	ug/l	98
95) Naphthalene	15.379	128	468783	48.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	209202	50.466	ug/l	98

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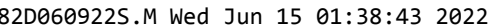
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

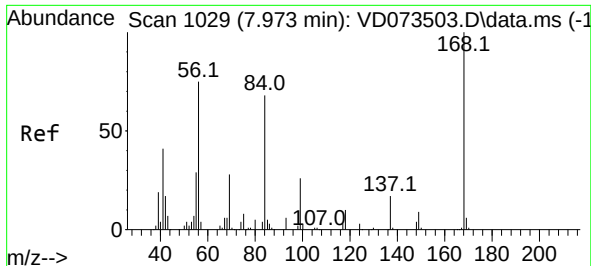
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Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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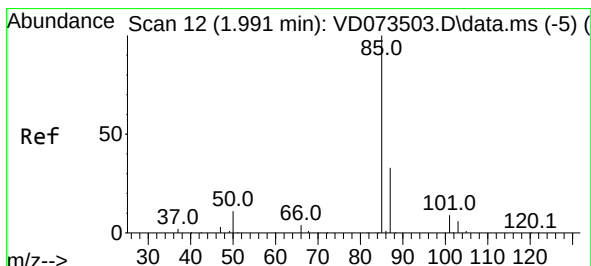
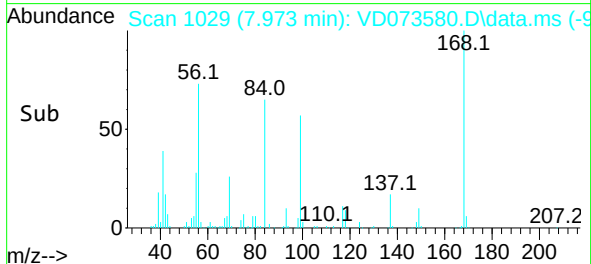
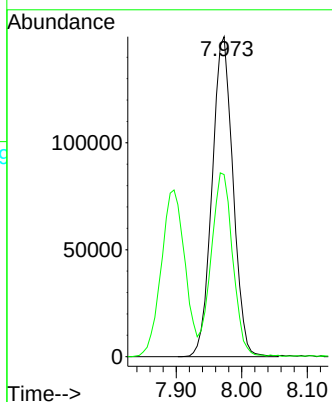
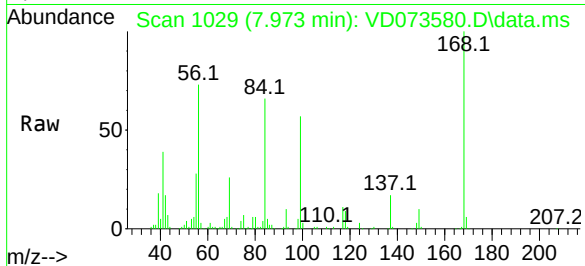




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073580.D
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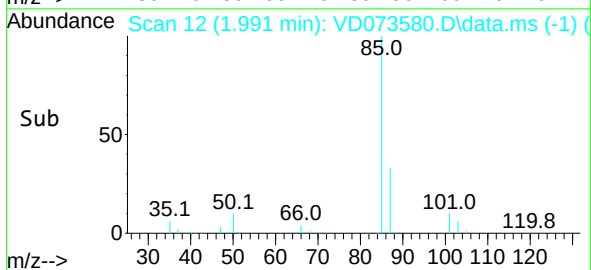
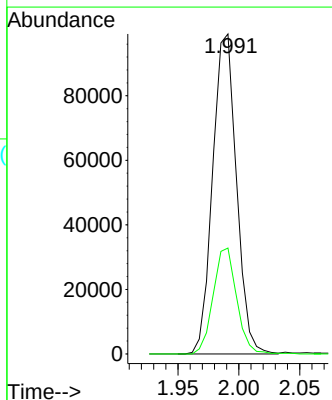
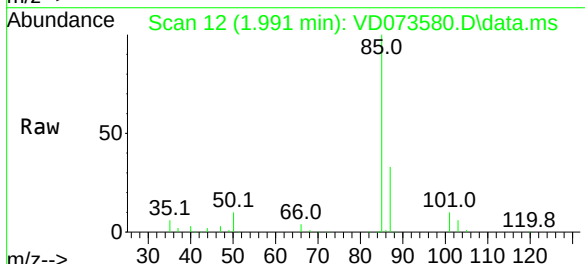
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

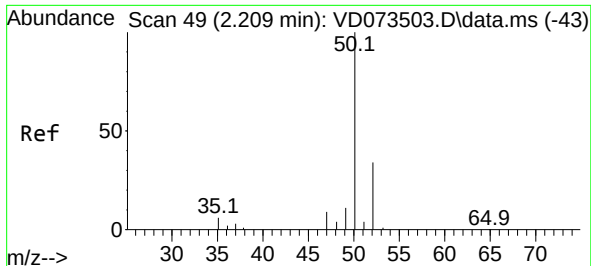
Tgt Ion:168 Resp: 331530
Ion Ratio Lower Upper
168 100
99 56.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 42.782 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 85 Resp: 135262
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

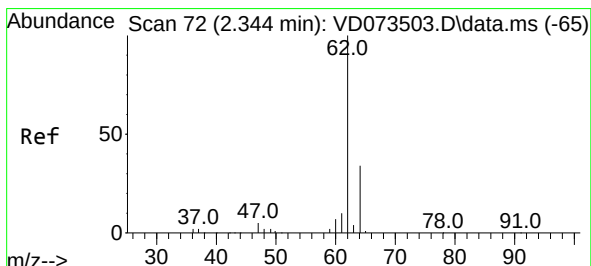
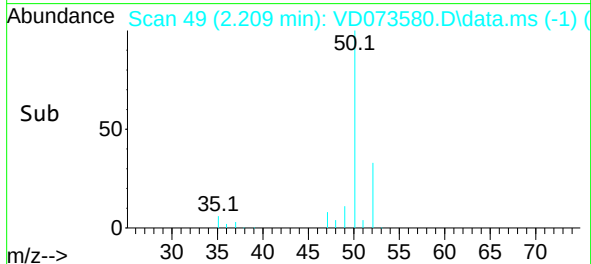
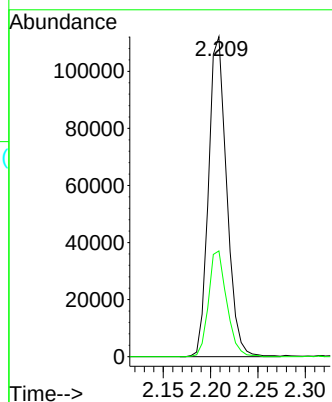
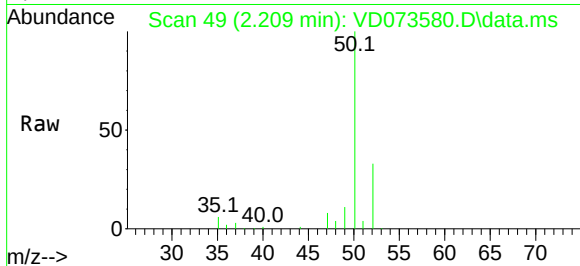




#3
Chloromethane
Concen: 46.081 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

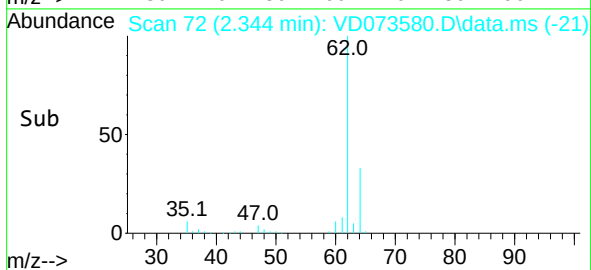
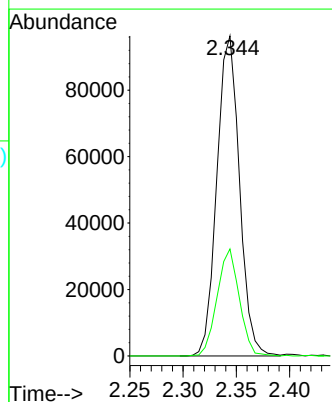
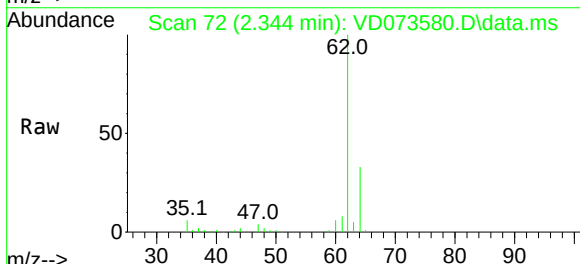
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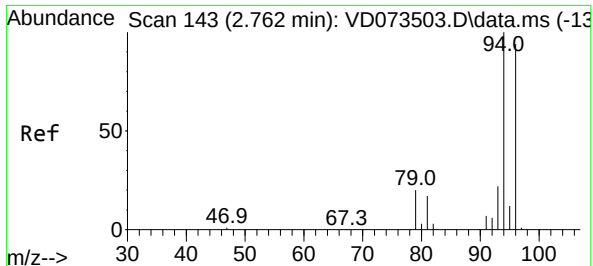
Tgt Ion: 50 Resp: 149410
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0



#4
Vinyl Chloride
Concen: 46.676 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 62 Resp: 141902
Ion Ratio Lower Upper
62 100
64 33.4 25.4 38.0

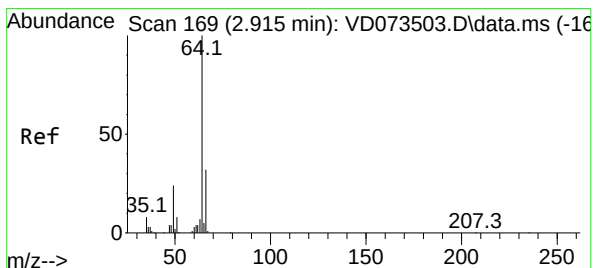
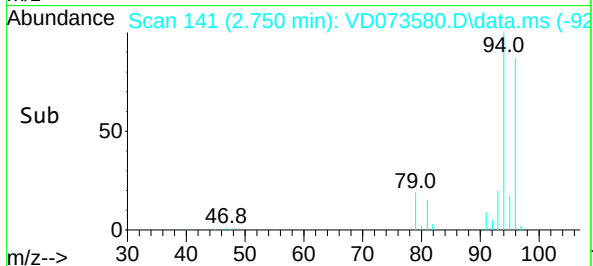
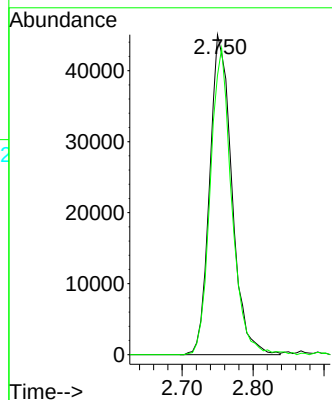
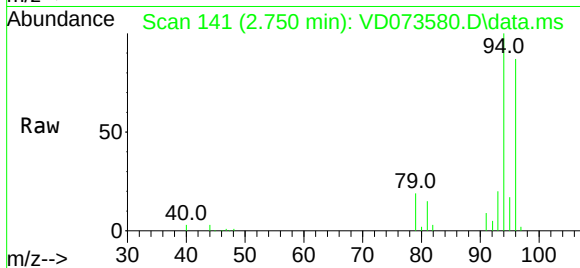




#5
Bromomethane
Concen: 44.795 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.012 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

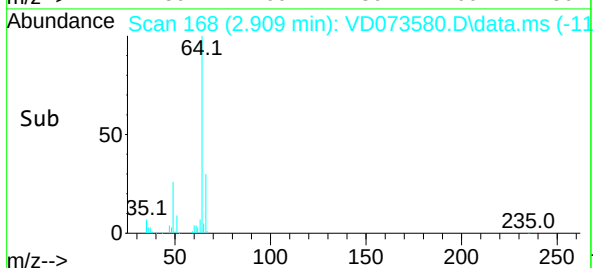
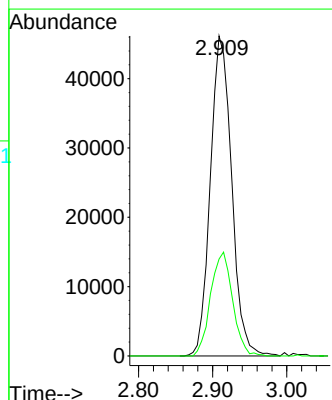
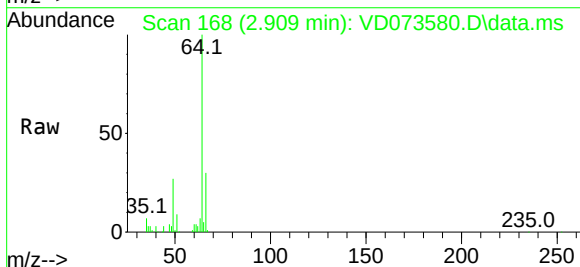
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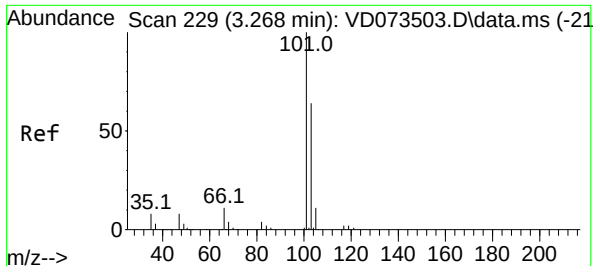
Tgt Ion: 94 Resp: 97627
Ion Ratio Lower Upper
94 100
96 87.3 77.6 116.4



#6
Chloroethane
Concen: 47.692 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 64 Resp: 92395
Ion Ratio Lower Upper
64 100
66 30.3 25.9 38.9

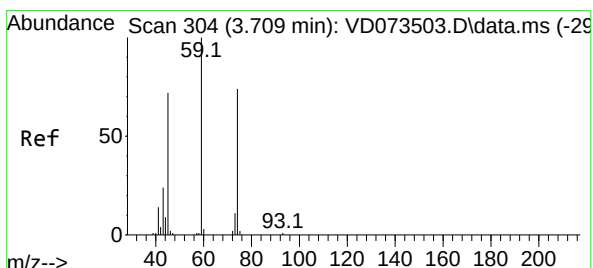
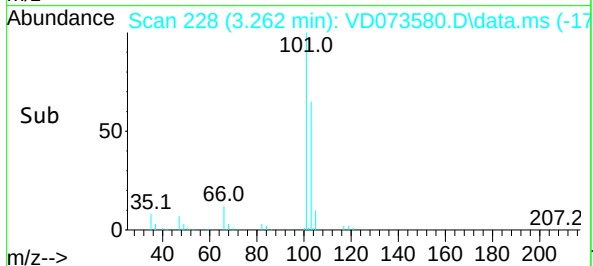
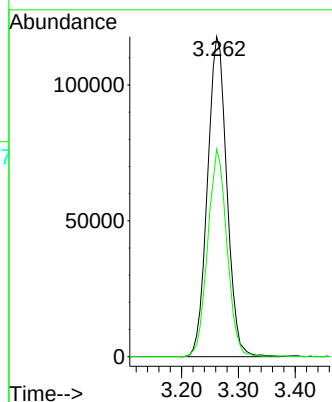
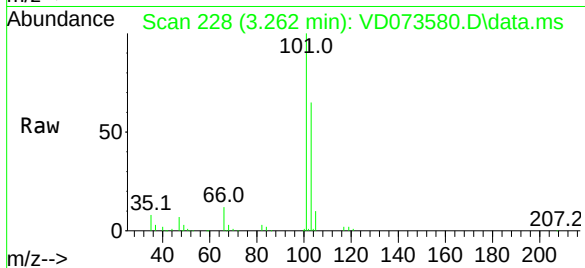




#7
Trichlorofluoromethane
Concen: 46.650 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

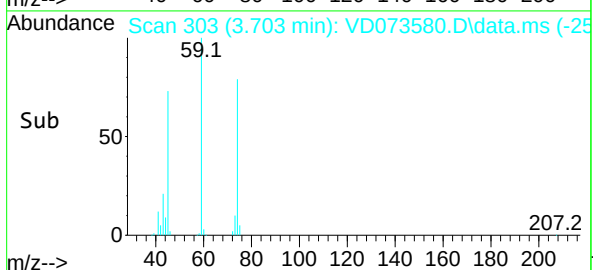
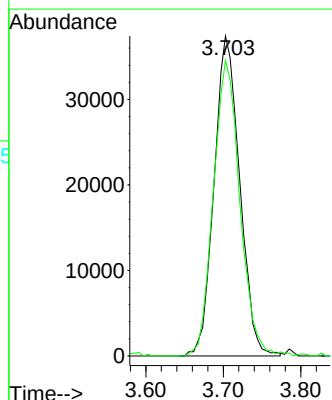
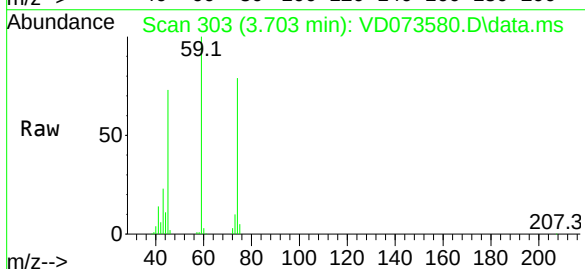
Instrument :
MSVOA_D
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VSTDCCC050EC

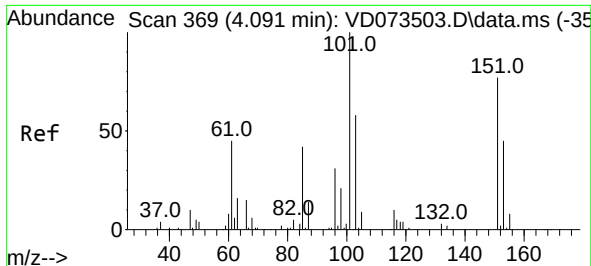
Tgt Ion:101 Resp: 277901
Ion Ratio Lower Upper
101 100
103 64.8 50.1 75.1



#8
Diethyl Ether
Concen: 50.427 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 74 Resp: 85971
Ion Ratio Lower Upper
74 100
45 95.6 52.6 157.8

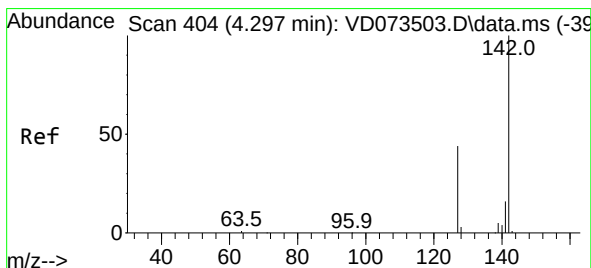
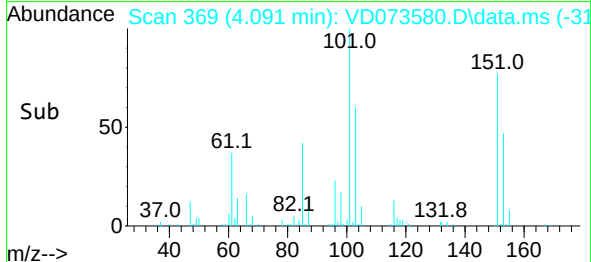
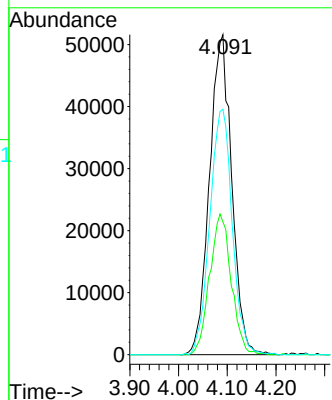
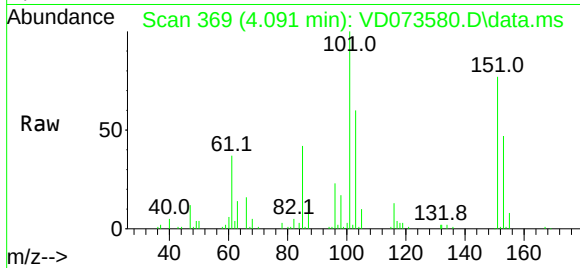




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.034 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

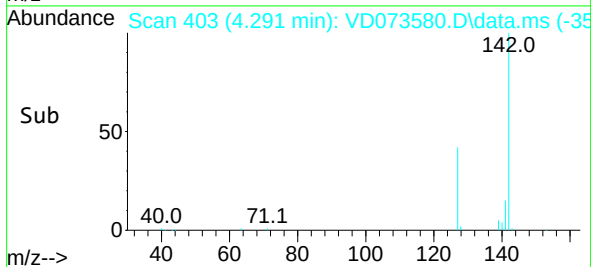
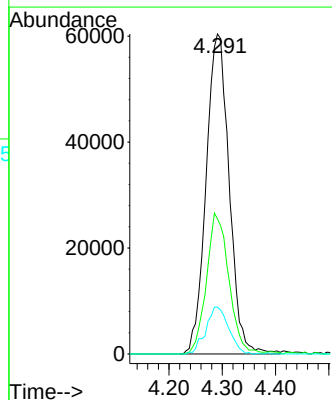
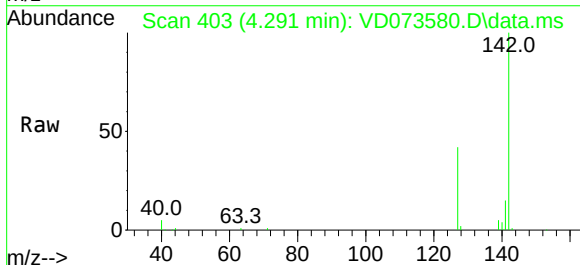
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

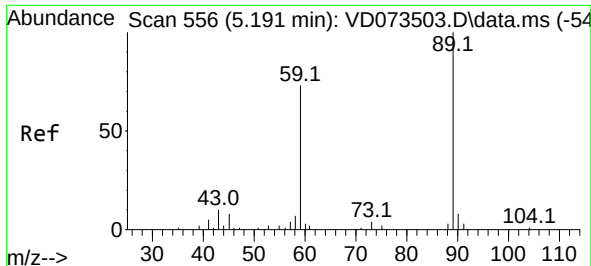
Tgt Ion:101 Resp: 163653
Ion Ratio Lower Upper
101 100
85 42.7 36.4 54.6
151 77.7 57.3 85.9



#10
Methyl Iodide
Concen: 44.869 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:142 Resp: 181681
Ion Ratio Lower Upper
142 100
127 42.6 37.3 55.9
141 14.5 11.7 17.5

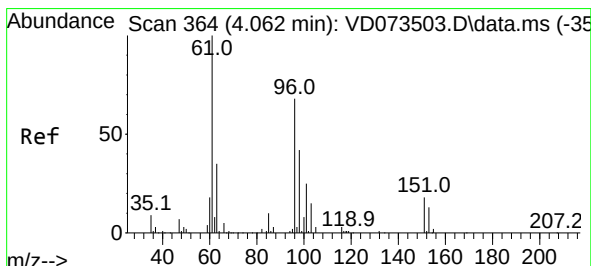
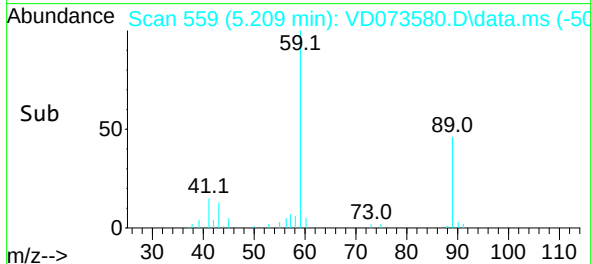
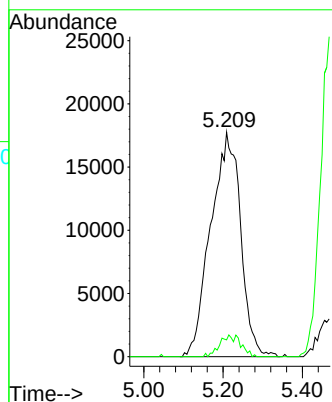
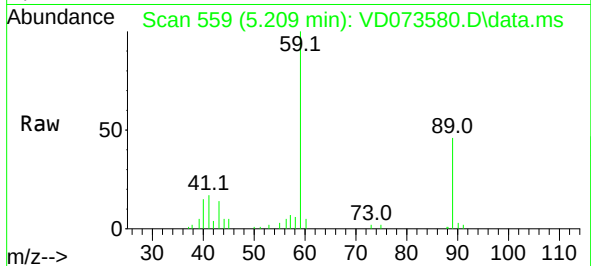




#11
Tert butyl alcohol
Concen: 148.176 ug/l
RT: 5.209 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

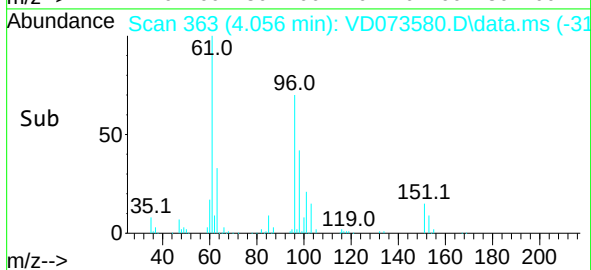
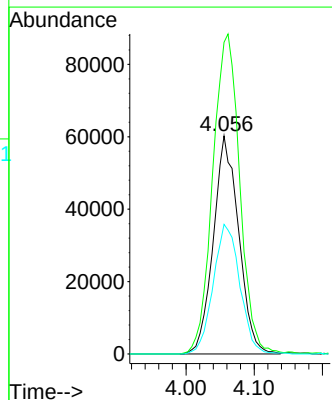
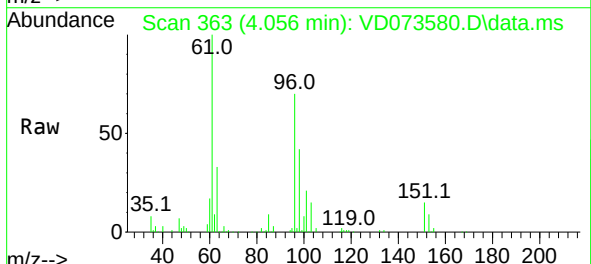
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

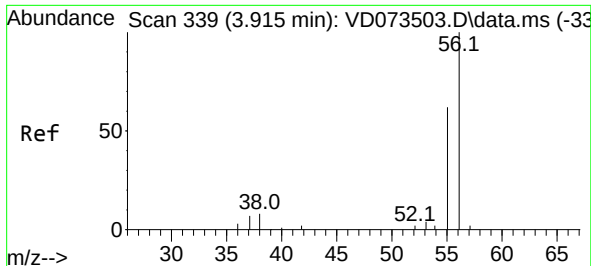
Tgt Ion: 59 Resp: 92640
Ion Ratio Lower Upper
59 100
57 4.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.129 ug/l
RT: 4.056 min Scan# 363
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 96 Resp: 155693
Ion Ratio Lower Upper
96 100
61 142.9 138.5 207.7
98 59.4 48.6 73.0

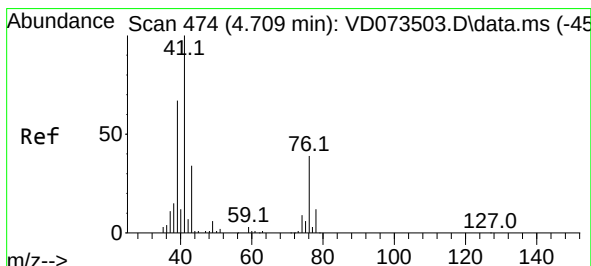
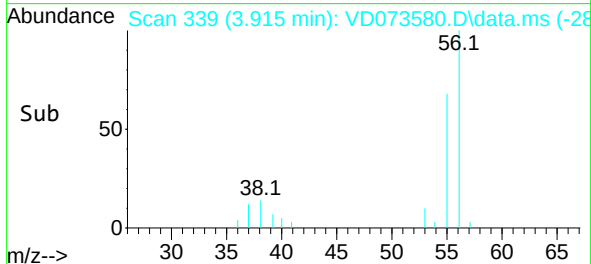
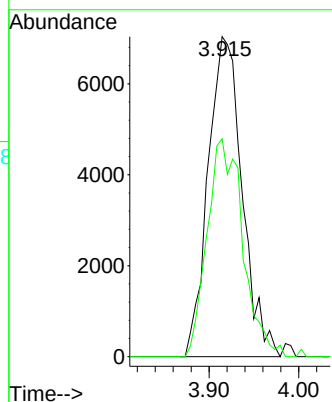
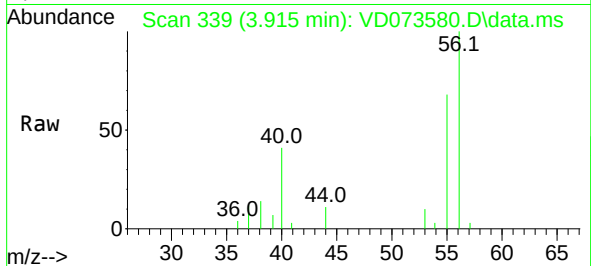




#13
Acrolein
Concen: 117.935 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

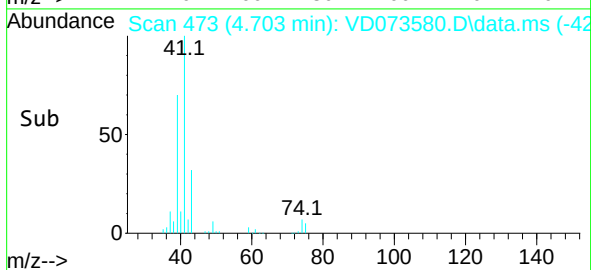
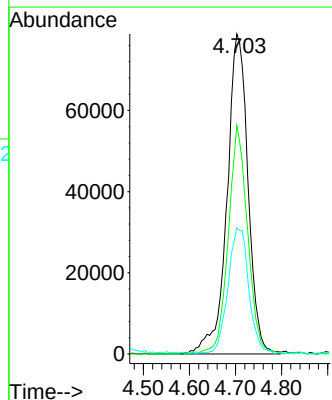
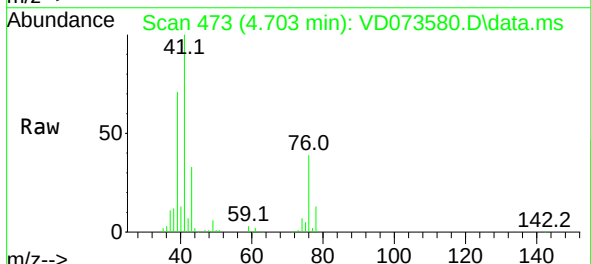
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

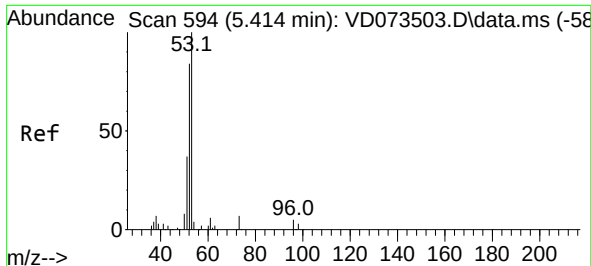
Tgt Ion: 56 Resp: 18480
Ion Ratio Lower Upper
56 100
55 71.3 57.1 85.7



#14
Allyl chloride
Concen: 51.876 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 41 Resp: 249827
Ion Ratio Lower Upper
41 100
39 65.4 59.3 88.9
76 39.1 25.7 38.5#

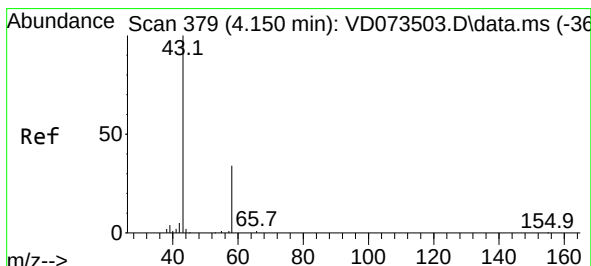
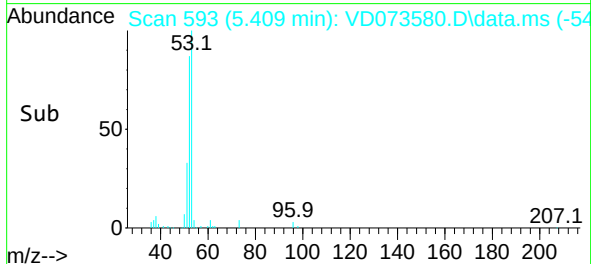
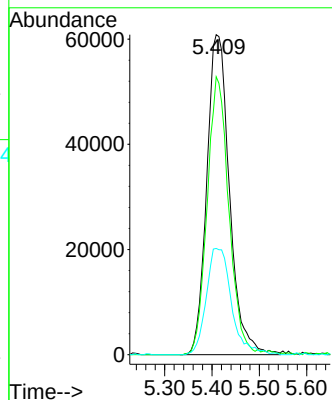
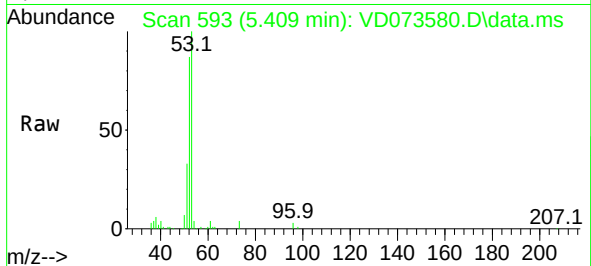




#15
Acrylonitrile
Concen: 264.949 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

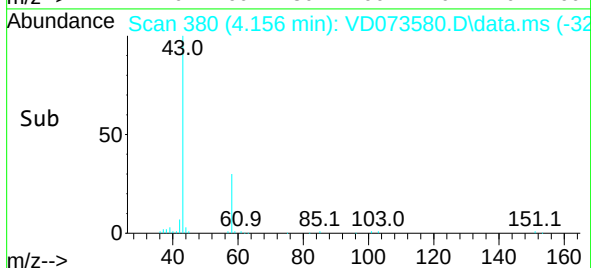
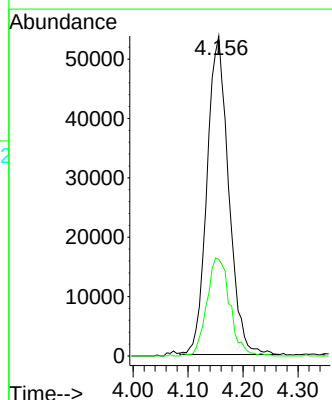
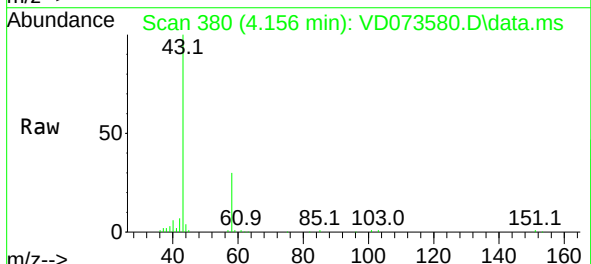
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

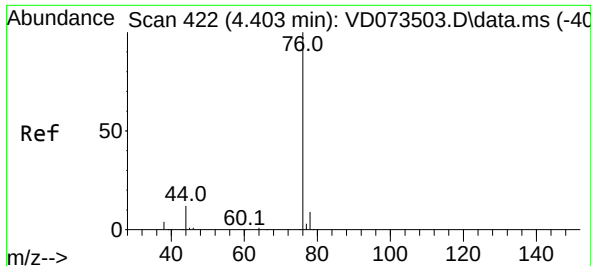
Tgt Ion: 53 Resp: 202837
Ion Ratio Lower Upper
53 100
52 82.8 67.2 100.8
51 36.8 30.3 45.5



#16
Acetone
Concen: 234.259 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 43 Resp: 146748
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1

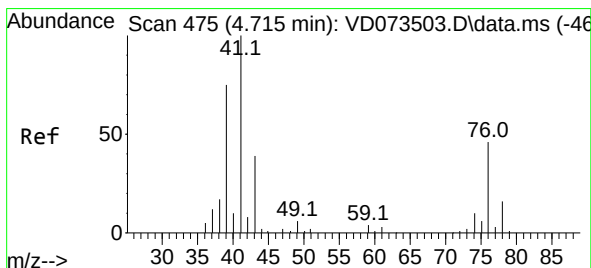
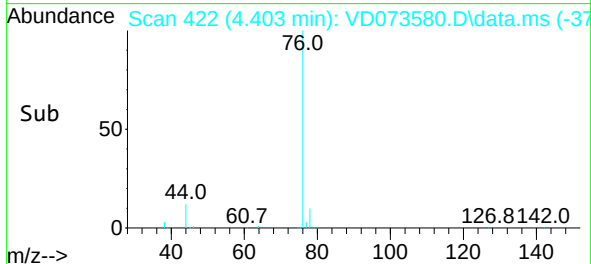
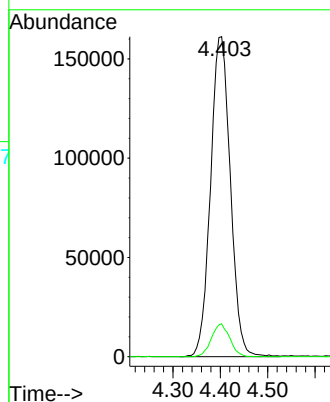
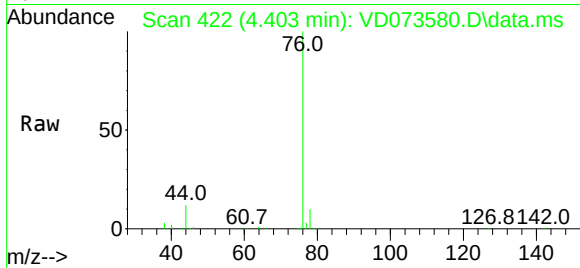




#17
Carbon Disulfide
Concen: 45.729 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

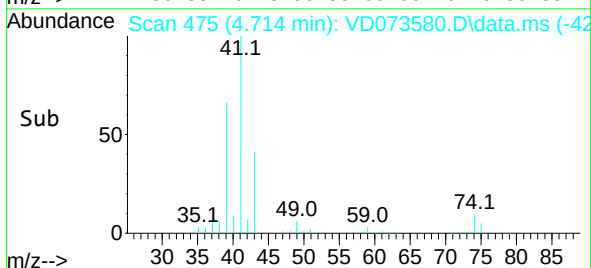
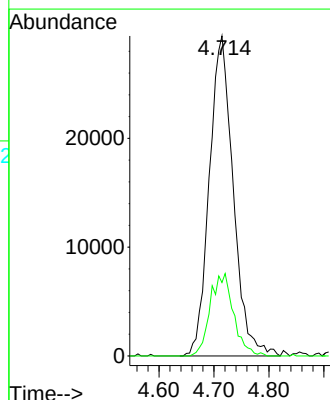
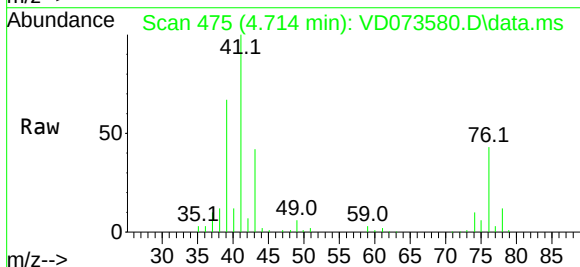
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

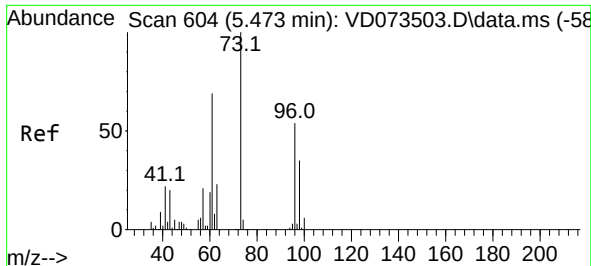
Tgt Ion: 76 Resp: 468896
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3



#18
Methyl Acetate
Concen: 50.358 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 43 Resp: 88948
Ion Ratio Lower Upper
43 100
74 25.2 16.7 25.1#

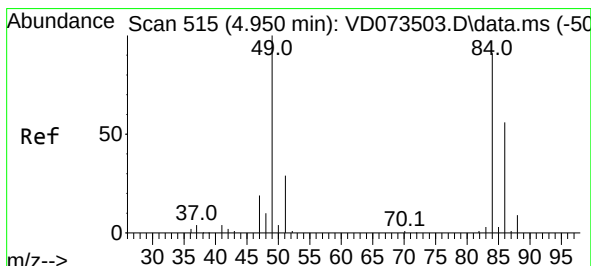
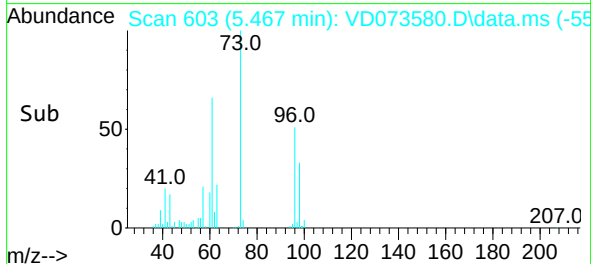
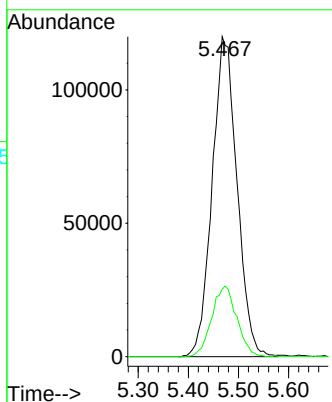
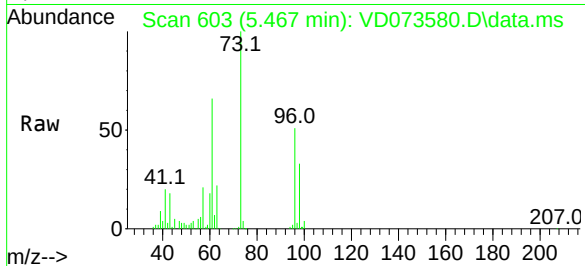




#19
Methyl tert-butyl Ether
Concen: 53.403 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

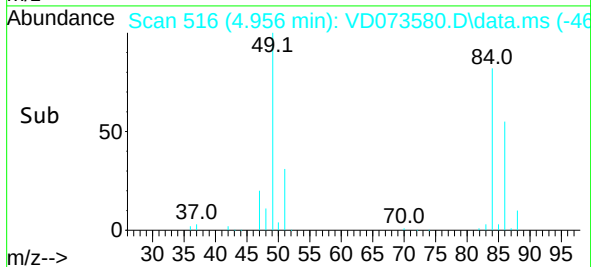
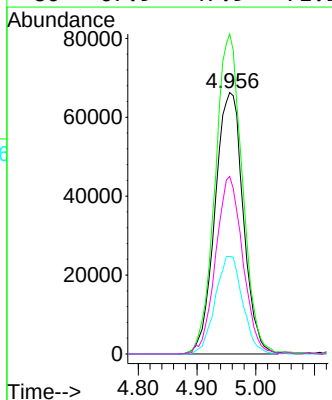
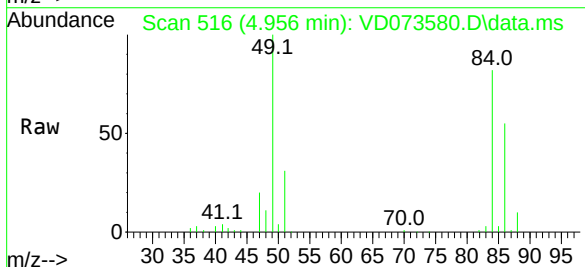
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

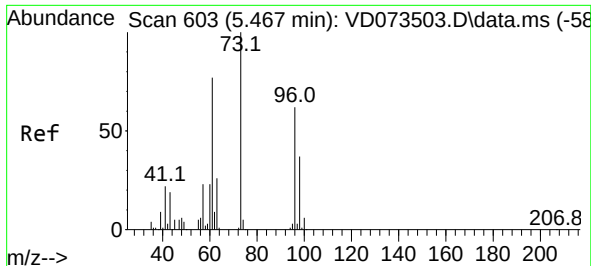
Tgt Ion: 73 Resp: 412294
Ion Ratio Lower Upper
73 100
57 21.1 18.0 27.0



#20
Methylene Chloride
Concen: 56.617 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 84 Resp: 220537
Ion Ratio Lower Upper
84 100
49 122.4 112.8 169.2
51 37.3 32.6 48.8
86 67.9 47.9 71.9

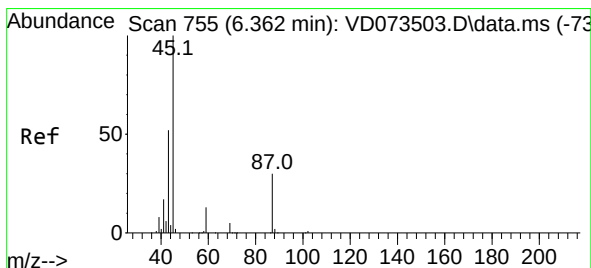
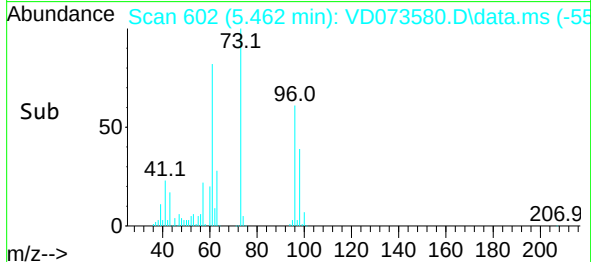
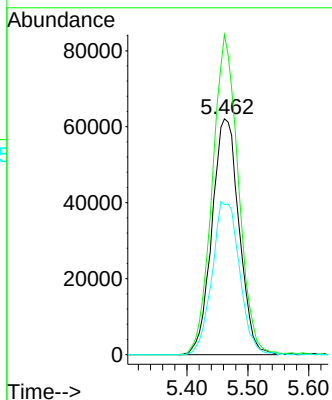
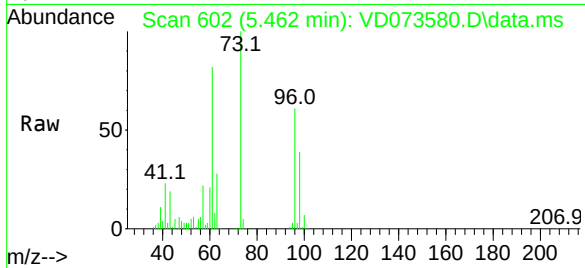




#21
trans-1,2-Dichloroethene
Concen: 49.062 ug/l
RT: 5.462 min Scan# 603
Delta R.T. -0.005 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

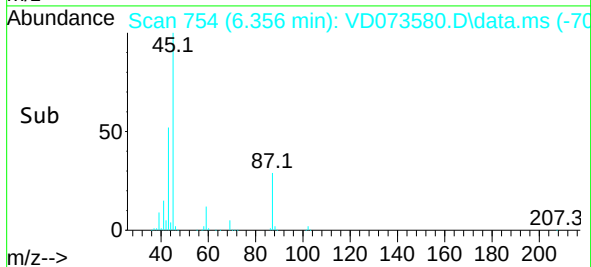
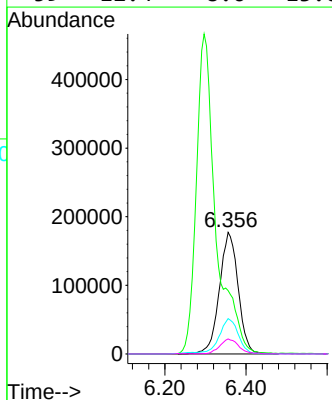
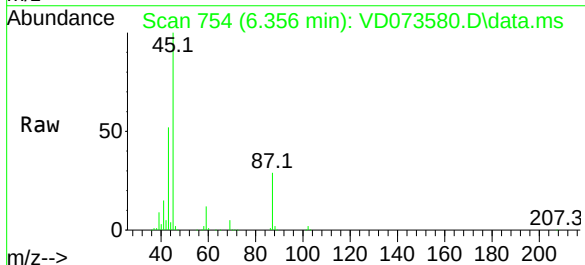
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

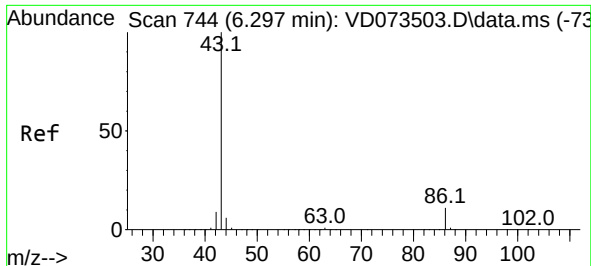
Tgt Ion: 96 Resp: 191993
Ion Ratio Lower Upper
96 100
61 135.7 117.9 176.9
98 63.7 49.4 74.2



#22
Diisopropyl ether
Concen: 54.930 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 45 Resp: 570840
Ion Ratio Lower Upper
45 100
43 51.8 46.6 70.0
87 29.0 18.4 27.6#
59 12.4 8.6 13.0

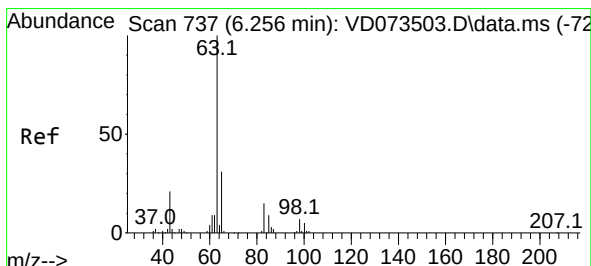
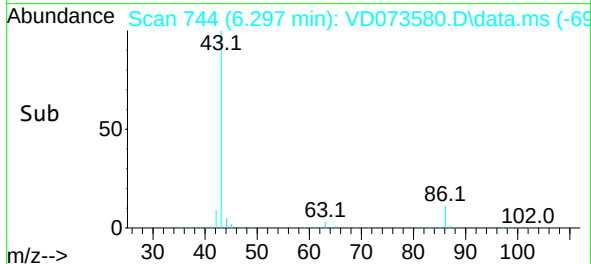
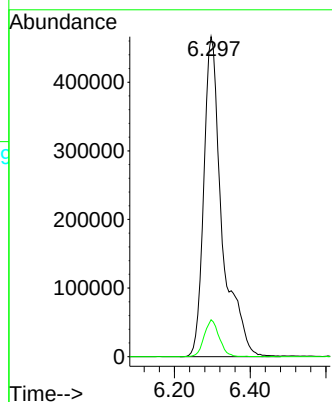
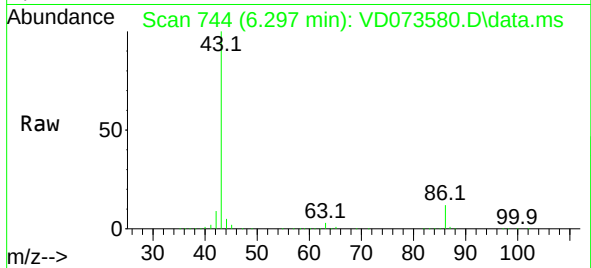




#23
 Vinyl Acetate
 Concen: 277.398 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

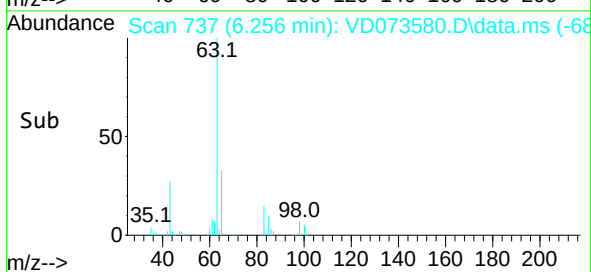
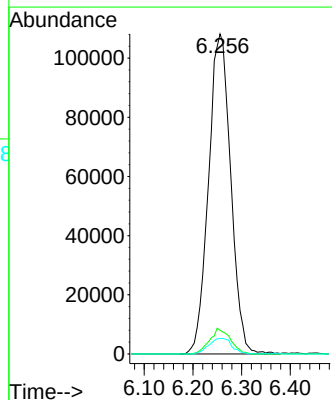
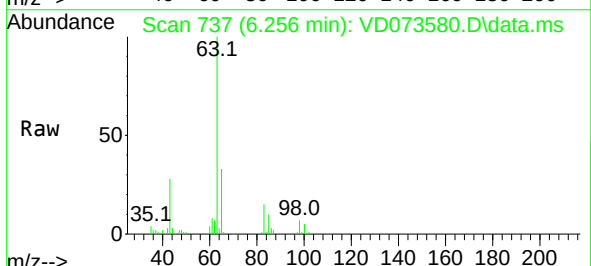
Instrument :
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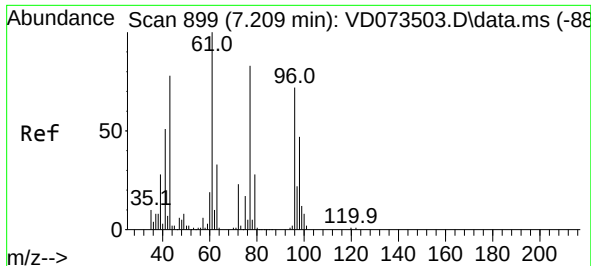
Tgt Ion: 43 Resp: 1563882
 Ion Ratio Lower Upper
 43 100
 86 11.5 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.414 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

Tgt Ion: 63 Resp: 342493
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.8 2.1 6.5

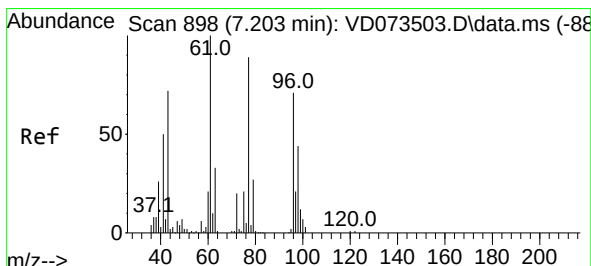
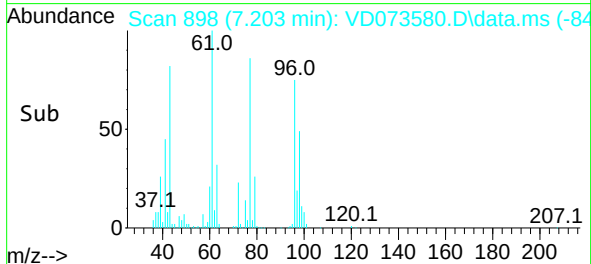
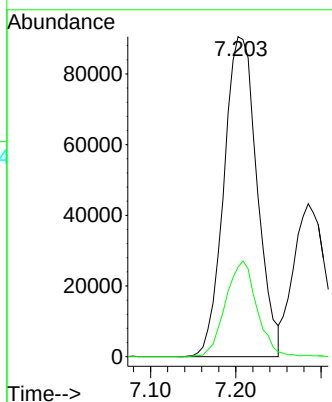
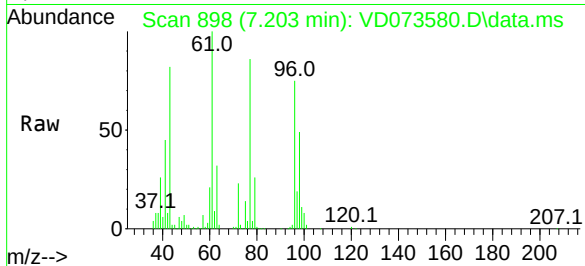




#25
2-Butanone
Concen: 266.248 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

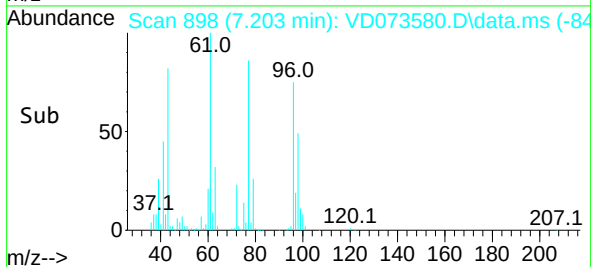
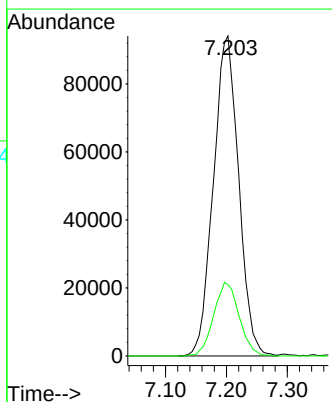
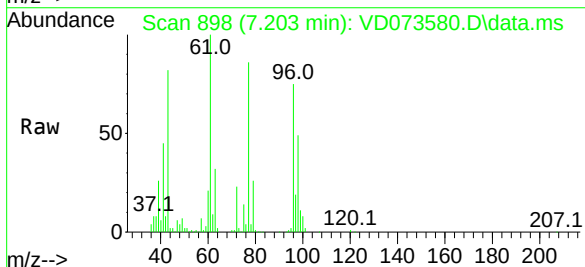
Instrument :
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ClientSampleId :
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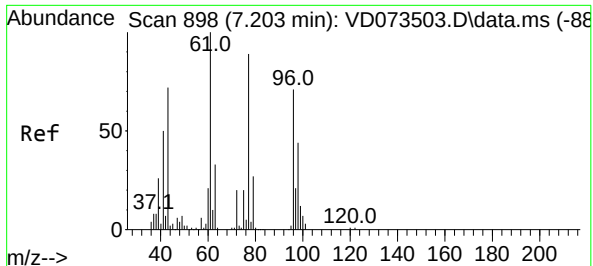
Tgt Ion: 43 Resp: 245411
Ion Ratio Lower Upper
43 100
72 28.0 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 45.442 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 77 Resp: 271394
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4

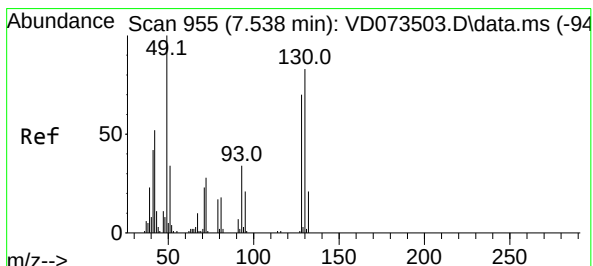
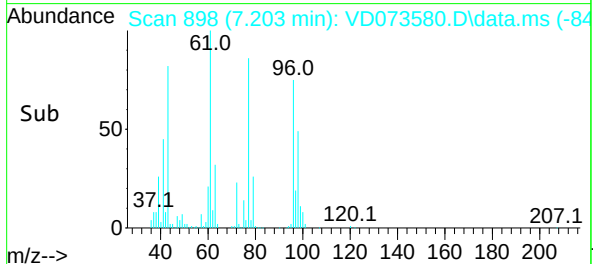
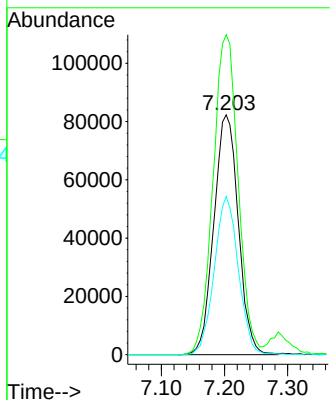
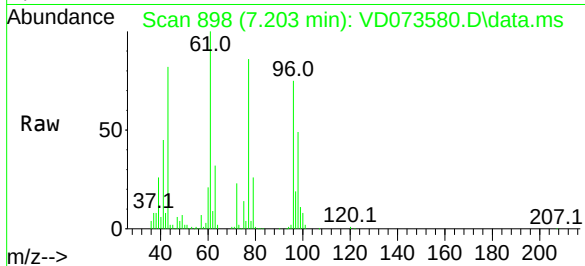




#27
 cis-1,2-Dichloroethene
 Concen: 52.326 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

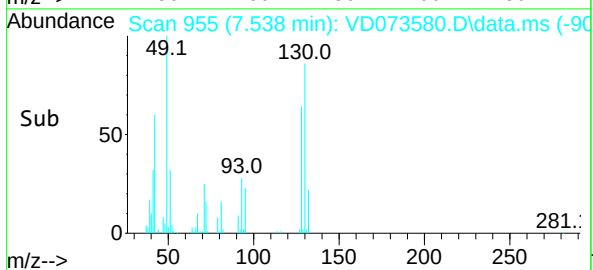
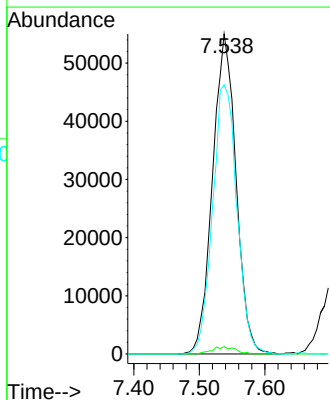
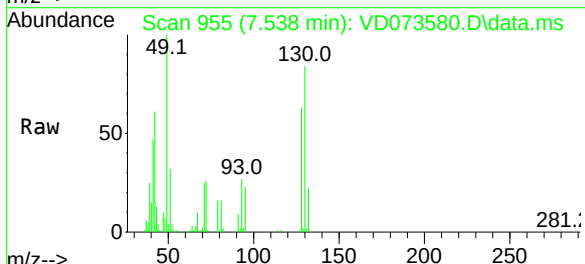
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

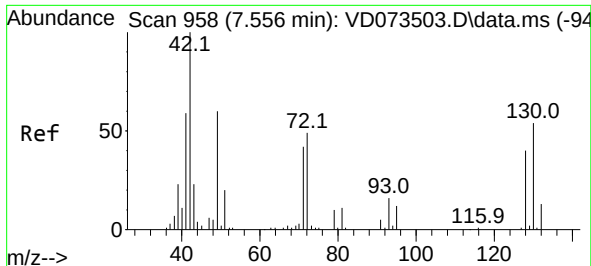
Tgt Ion: 96 Resp: 221352
 Ion Ratio Lower Upper
 96 100
 61 136.6 0.0 313.8
 98 65.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.268 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

Tgt Ion: 49 Resp: 136654
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 87.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 278.585 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

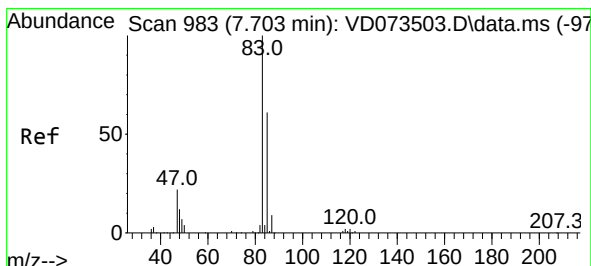
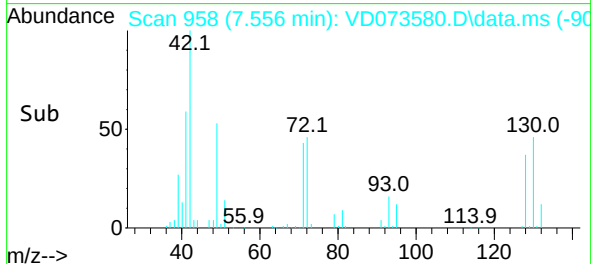
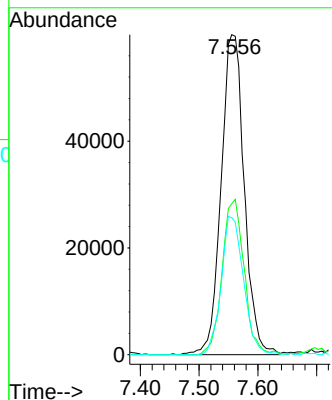
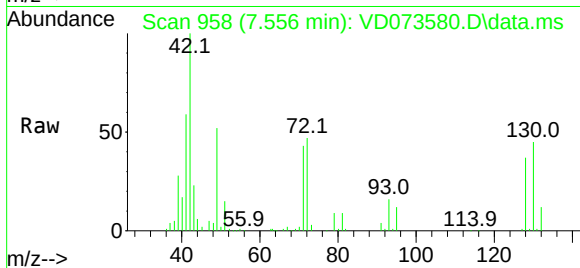
MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 163807

Ion	Ratio	Lower	Upper
42	100		
72	46.4	30.7	46.1#
71	41.7	28.6	43.0



#30

Chloroform

Concen: 51.728 ug/l

RT: 7.703 min Scan# 983

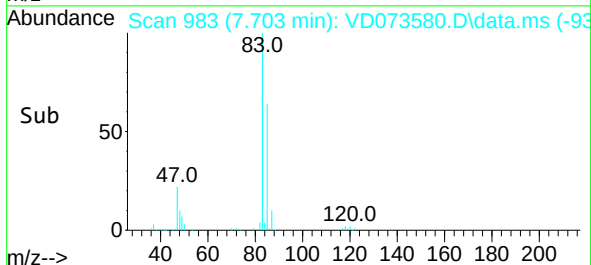
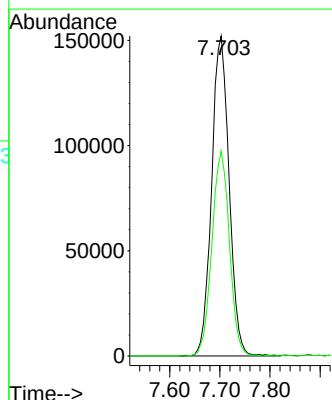
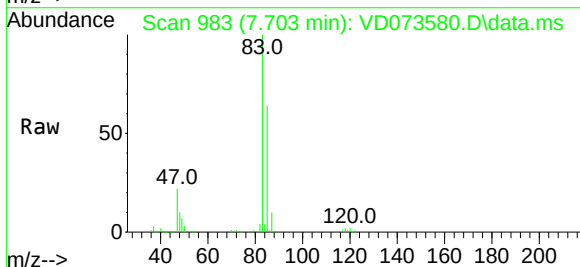
Delta R.T. -0.000 min

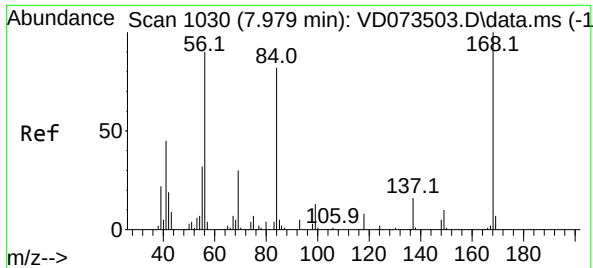
Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Tgt Ion: 83 Resp: 368154

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.7	79.1

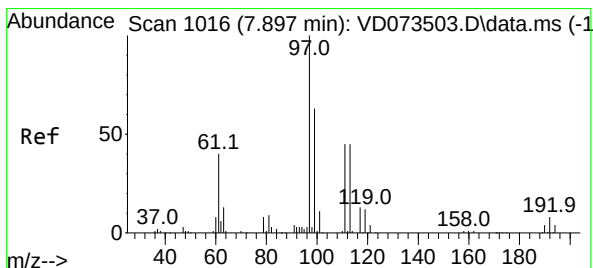
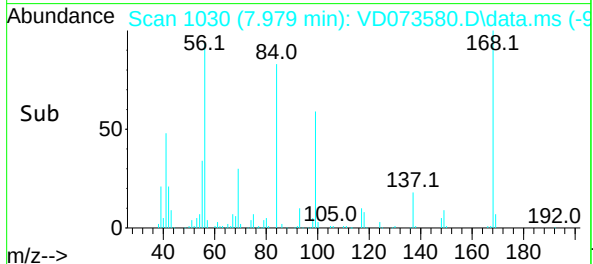
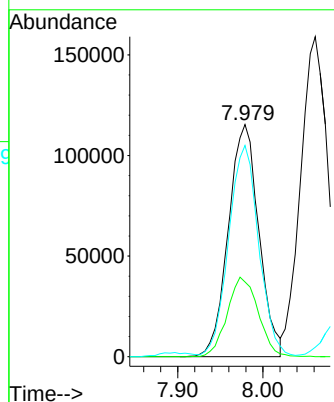
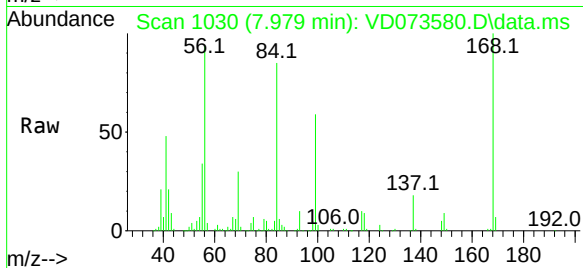




#31
Cyclohexane
Concen: 47.912 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

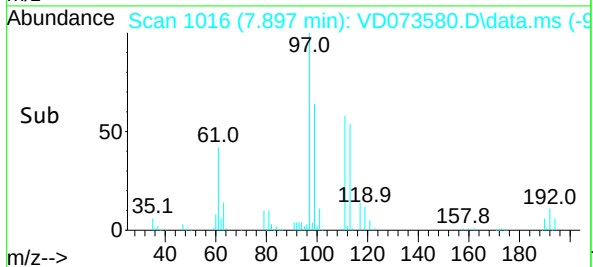
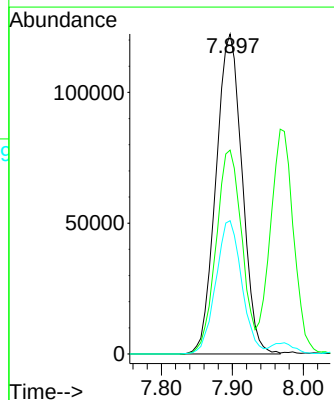
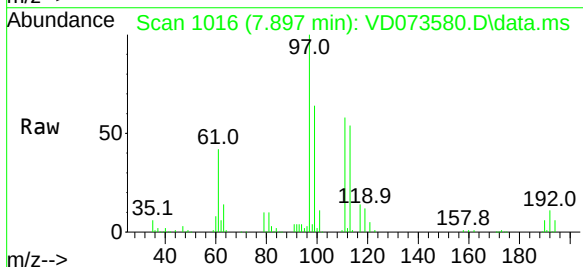
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

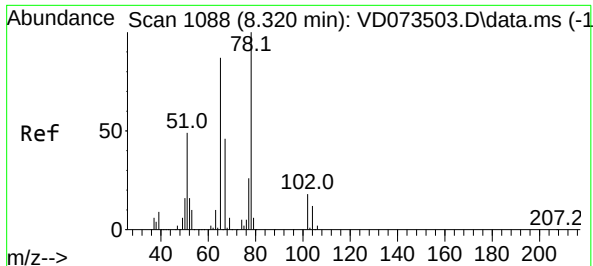
Tgt Ion: 56 Resp: 287146
Ion Ratio Lower Upper
56 100
69 32.2 25.4 38.2
84 89.6 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 49.895 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 97 Resp: 312891
Ion Ratio Lower Upper
97 100
99 62.7 52.4 78.6
61 41.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.404 ug/l

RT: 8.326 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

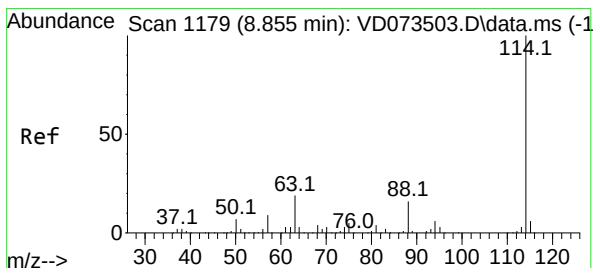
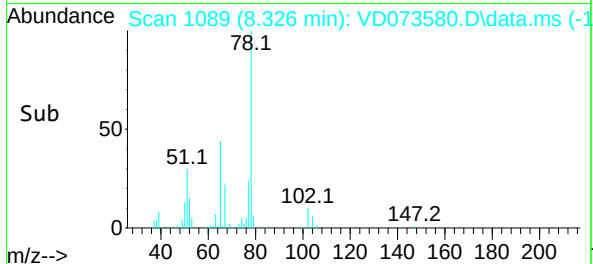
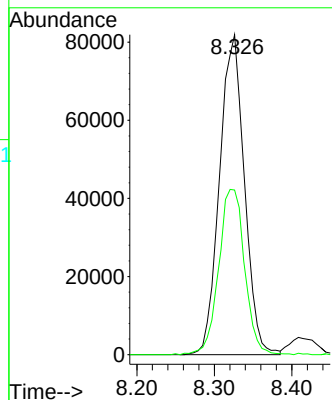
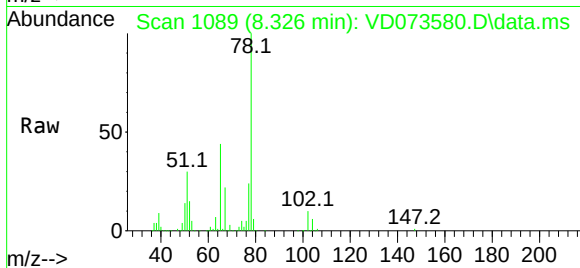
VSTDCCC050EC

Tgt Ion: 65 Resp: 182882

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

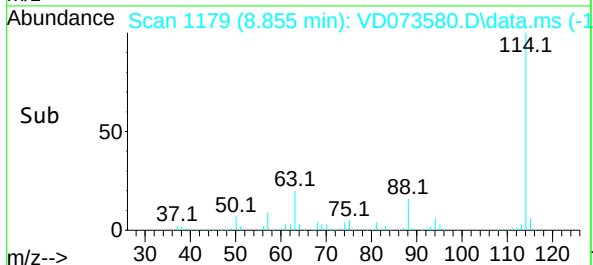
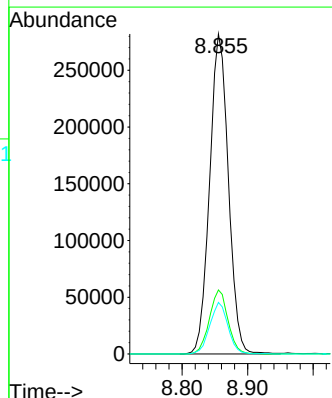
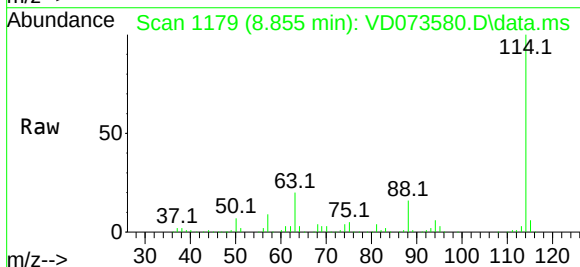
Tgt Ion: 114 Resp: 560349

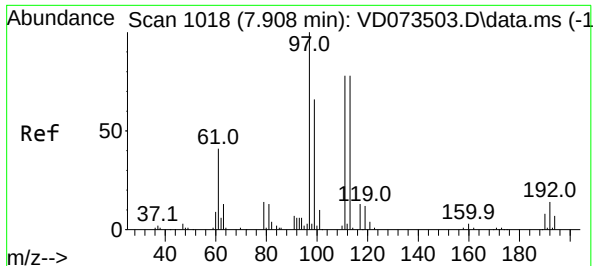
Ion Ratio Lower Upper

114 100

63 20.0 0.0 46.6

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.006 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

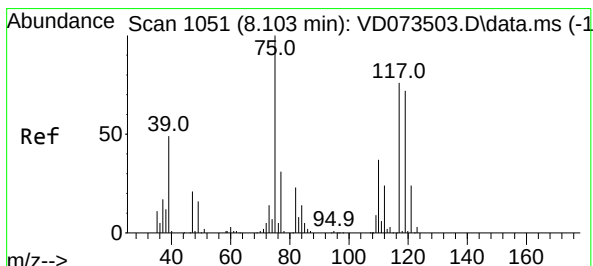
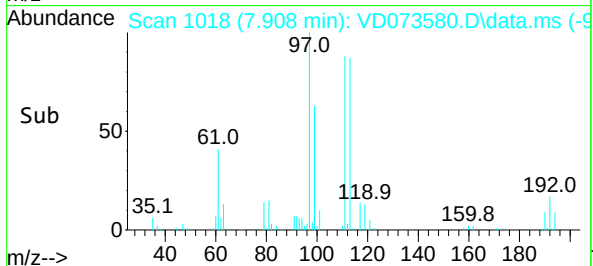
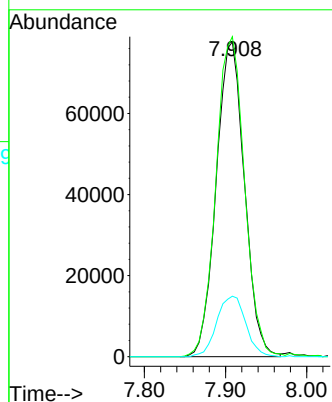
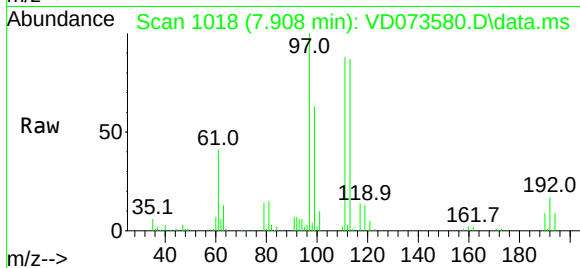
Tgt Ion:113 Resp: 187393

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 19.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 48.219 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

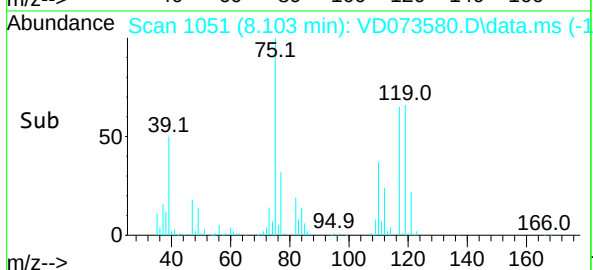
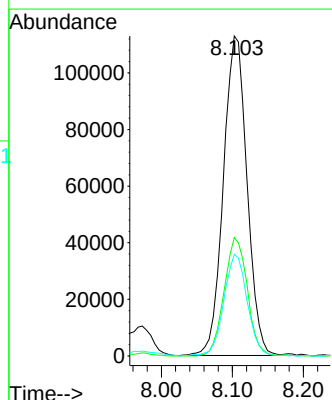
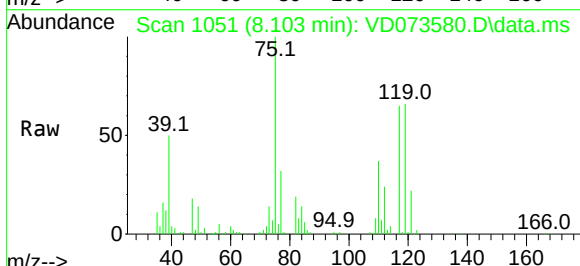
Tgt Ion: 75 Resp: 260955

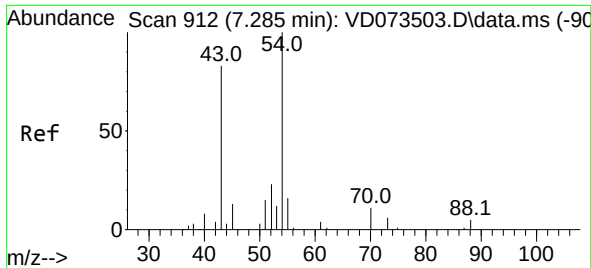
Ion Ratio Lower Upper

75 100

110 36.3 16.4 49.1

77 31.6 24.2 36.2

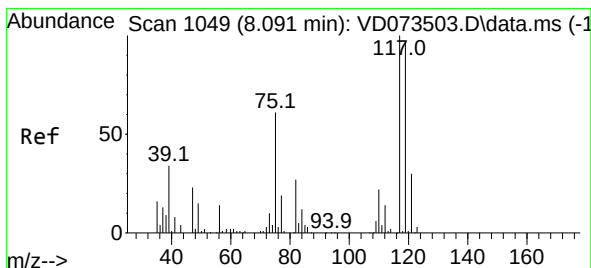
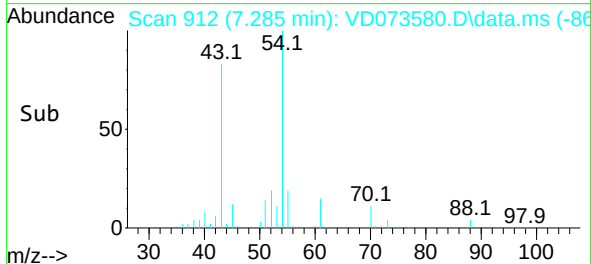
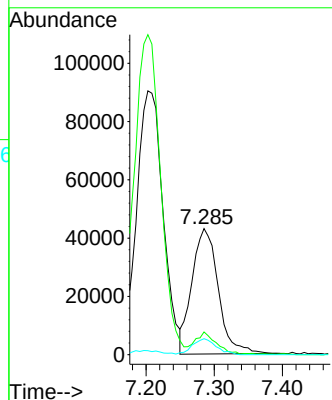
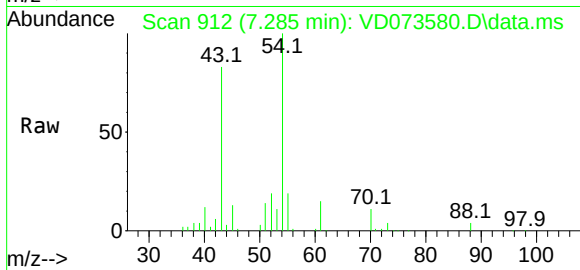




#37
Ethyl Acetate
Concen: 52.727 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

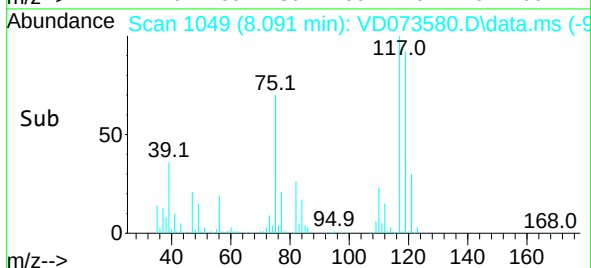
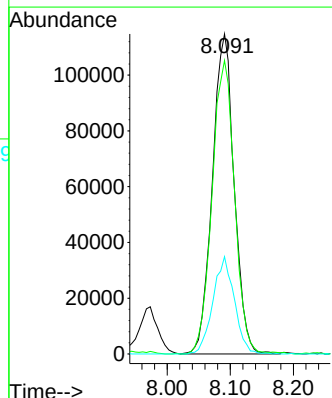
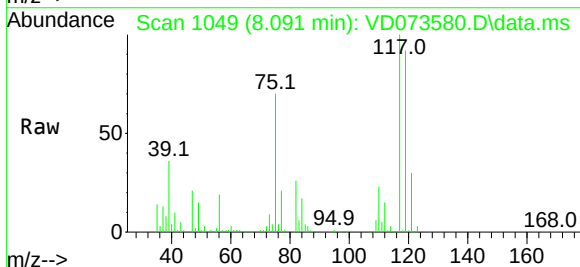
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

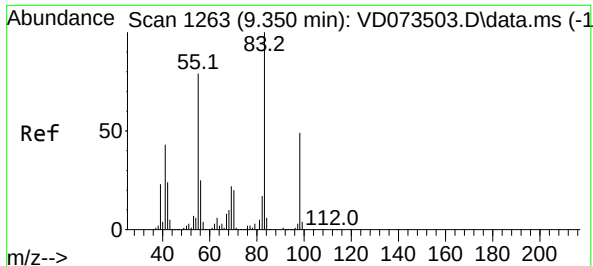
Tgt Ion: 43 Resp: 115264
Ion Ratio Lower Upper
43 100
61 13.2 9.8 14.8
70 11.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 48.615 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 117 Resp: 275227
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.6
121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 48.491 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

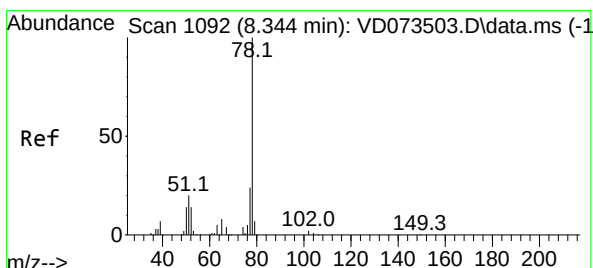
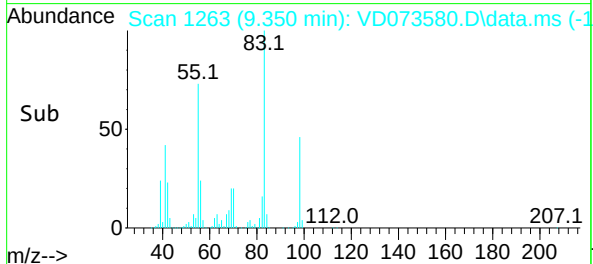
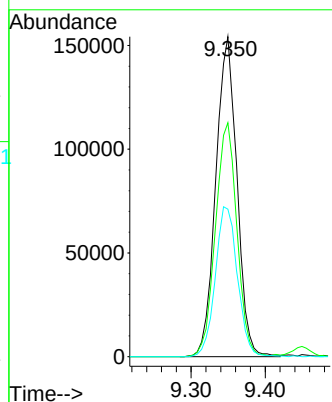
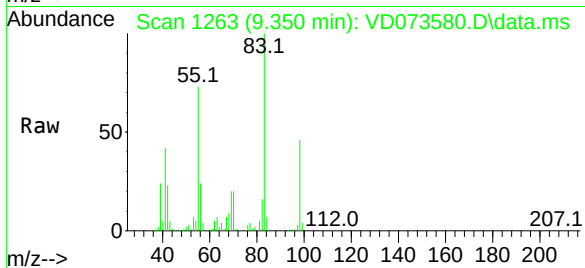
Tgt Ion: 83 Resp: 305816

Ion Ratio Lower Upper

83 100

55 73.1 63.2 94.8

98 46.1 38.2 57.4



#40

Benzene

Concen: 49.840 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073580.D

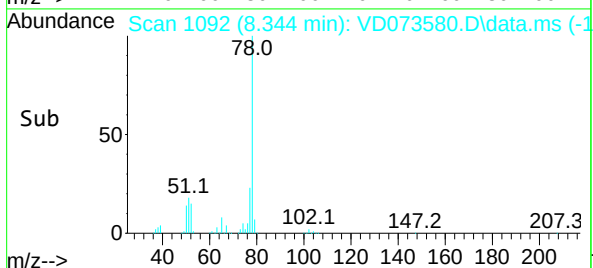
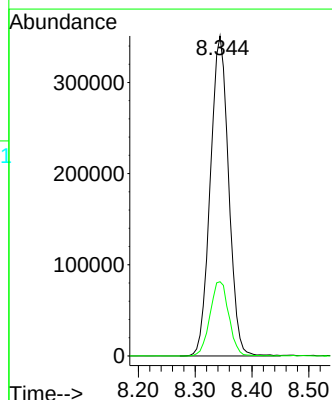
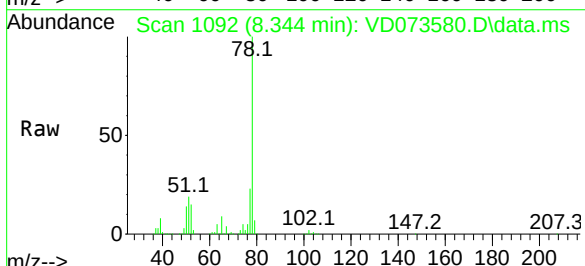
Acq: 14 Jun 2022 20:32

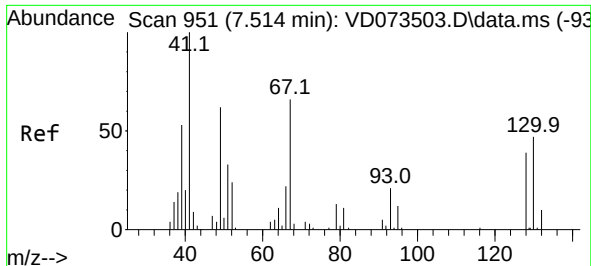
Tgt Ion: 78 Resp: 784576

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

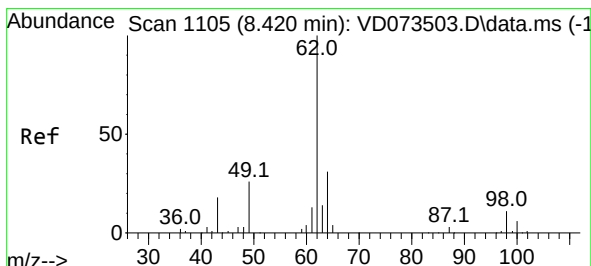
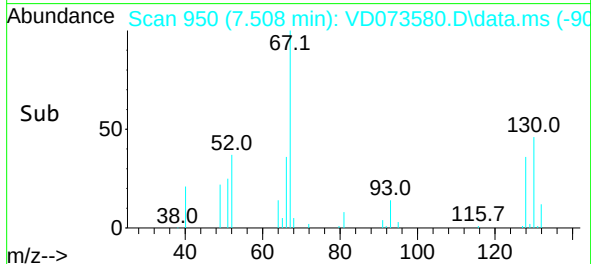
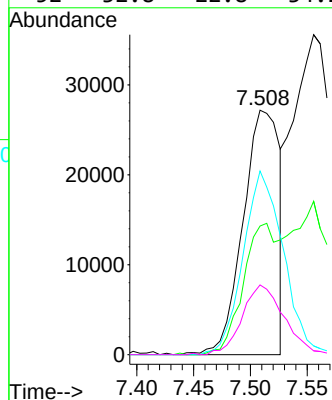
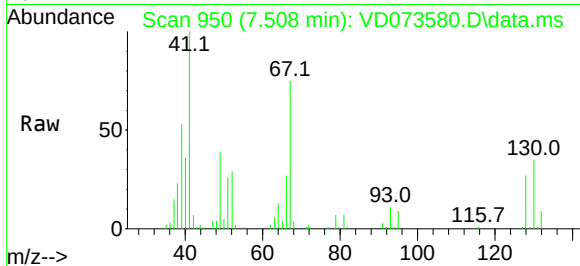




#41
Methacrylonitrile
Concen: 51.147 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

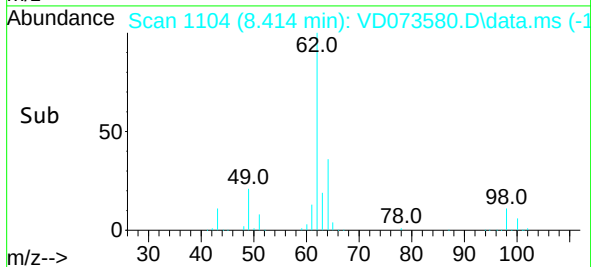
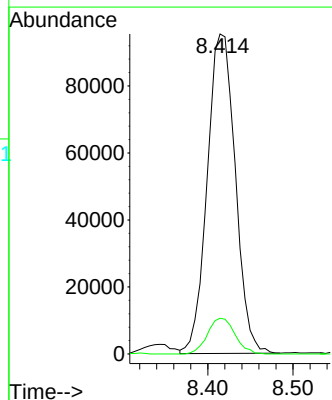
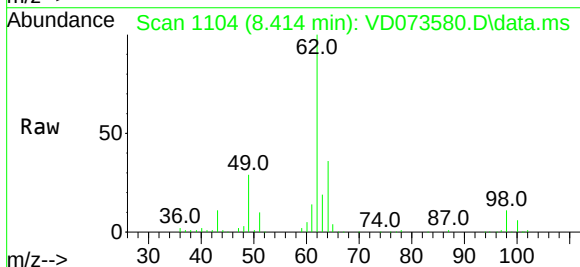
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

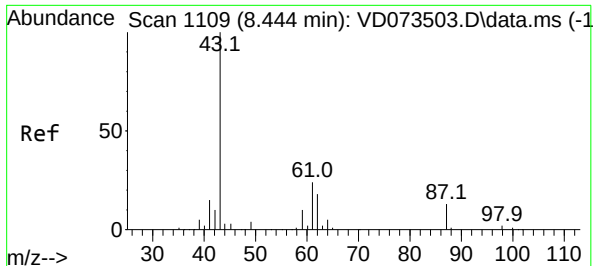
Tgt Ion: 41 Resp: 60617
Ion Ratio Lower Upper
41 100
39 52.8 44.6 67.0
67 83.1 48.2 72.4#
52 32.8 22.8 34.2



#42
1,2-Dichloroethane
Concen: 50.259 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 62 Resp: 218743
Ion Ratio Lower Upper
62 100
98 10.9 0.0 17.6

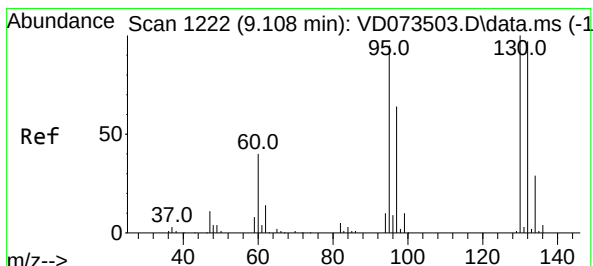
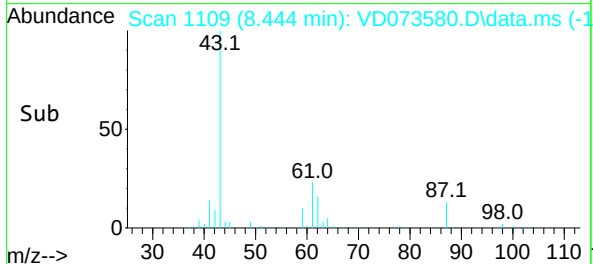
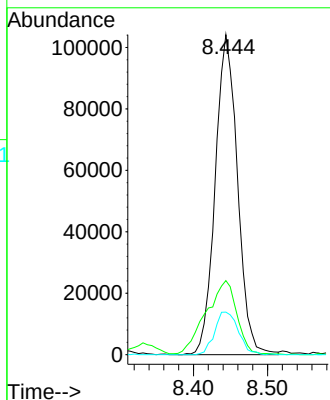
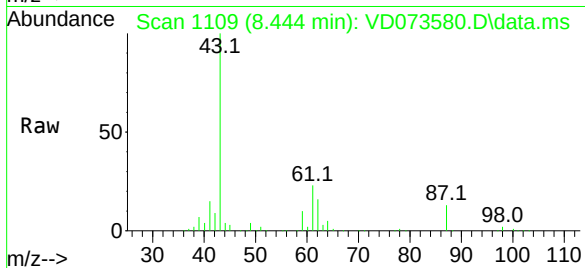




#43
Isopropyl Acetate
Concen: 51.781 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

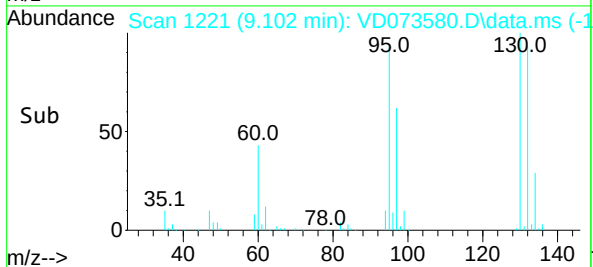
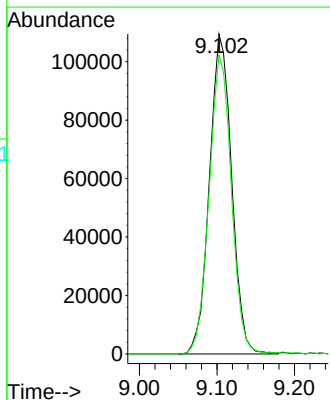
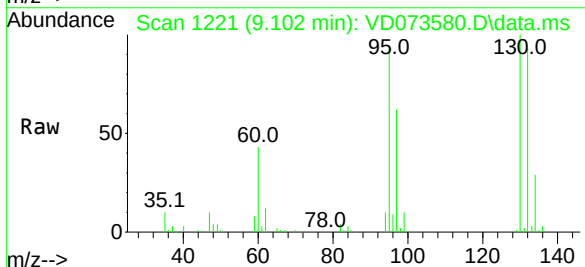
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

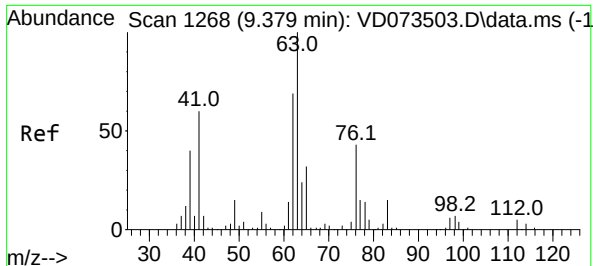
Tgt Ion: 43 Resp: 217789
Ion Ratio Lower Upper
43 100
61 32.2 22.4 33.6
87 14.1 8.7 13.1#



#44
Trichloroethene
Concen: 49.728 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:130 Resp: 218030
Ion Ratio Lower Upper
130 100
95 93.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 50.399 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

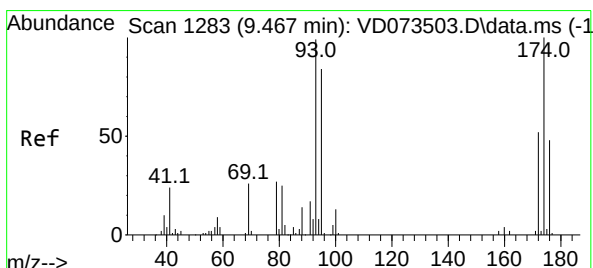
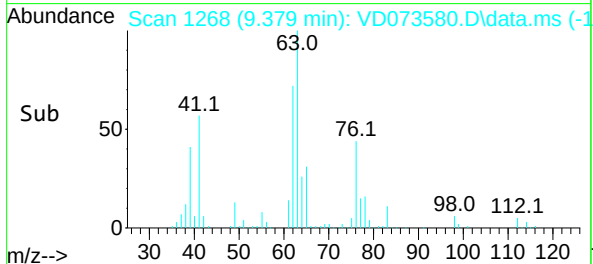
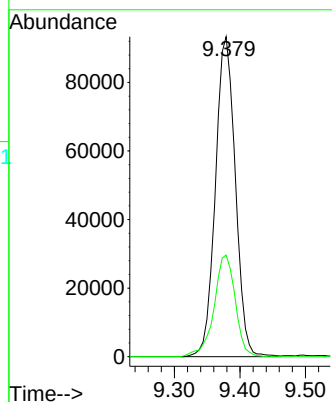
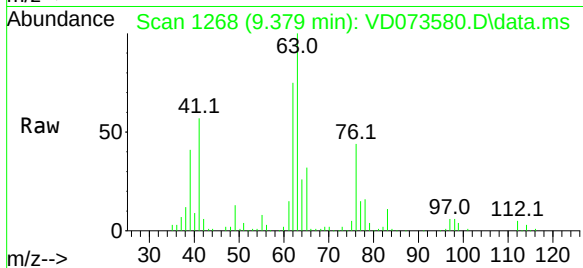
VSTDCCC050EC

Tgt Ion: 63 Resp: 196541

Ion Ratio Lower Upper

63 100

65 31.8 26.2 39.4



#46

Dibromomethane

Concen: 51.348 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

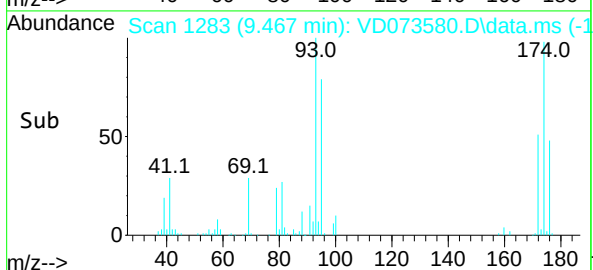
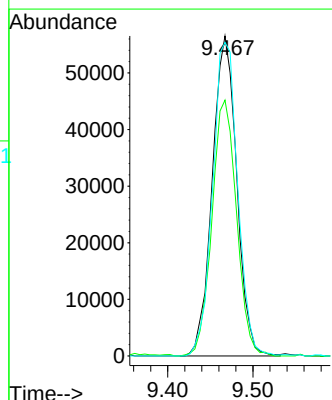
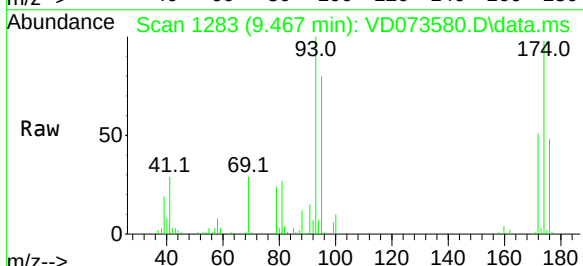
Tgt Ion: 93 Resp: 112803

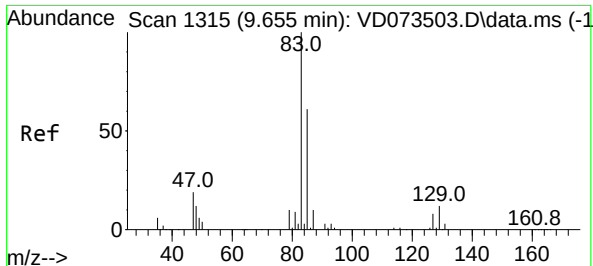
Ion Ratio Lower Upper

93 100

95 80.5 66.7 100.1

174 100.6 71.6 107.4





#47

Bromodichloromethane

Concen: 49.924 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

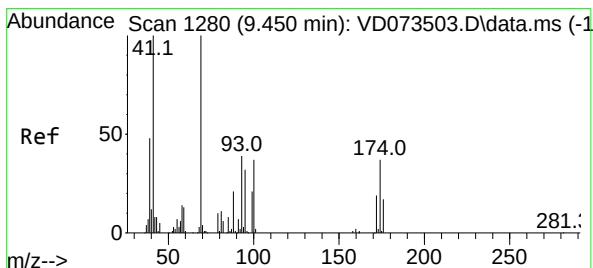
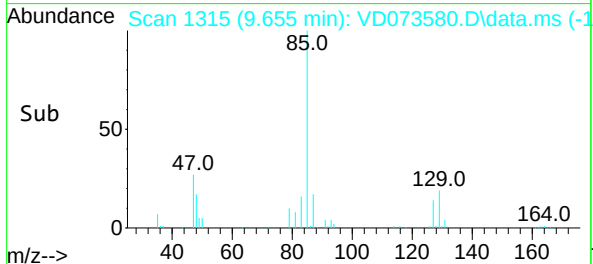
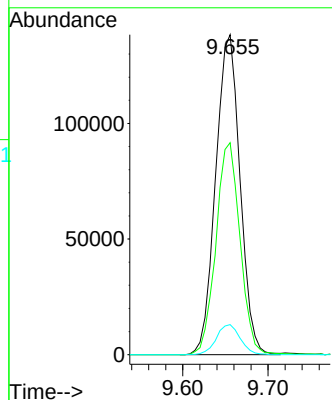
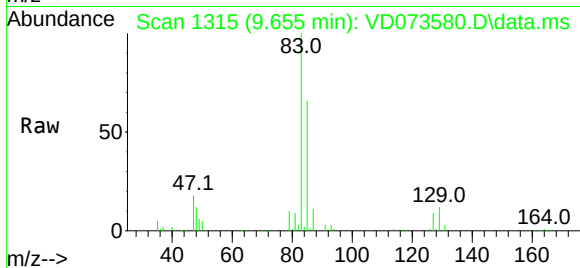
Tgt Ion: 83 Resp: 274814

Ion Ratio Lower Upper

83 100

85 66.2 51.4 77.0

127 9.4 6.1 9.1#



#48

Methyl methacrylate

Concen: 53.604 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

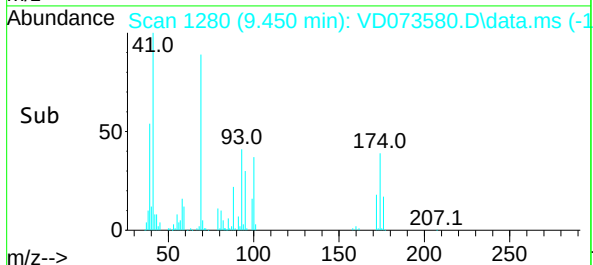
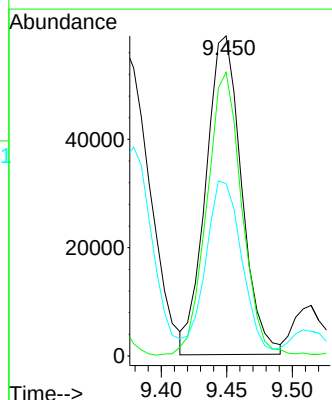
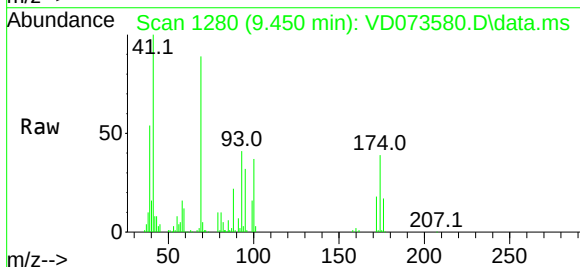
Tgt Ion: 41 Resp: 111680

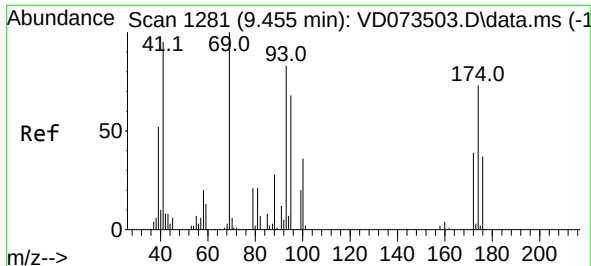
Ion Ratio Lower Upper

41 100

69 86.6 56.7 85.1#

39 51.5 42.7 64.1

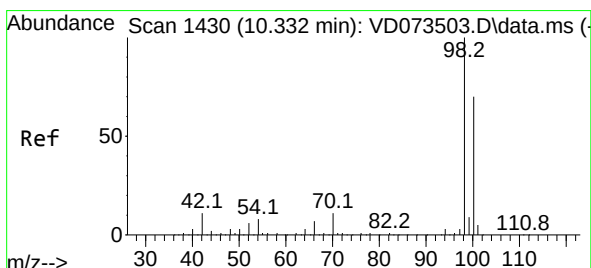
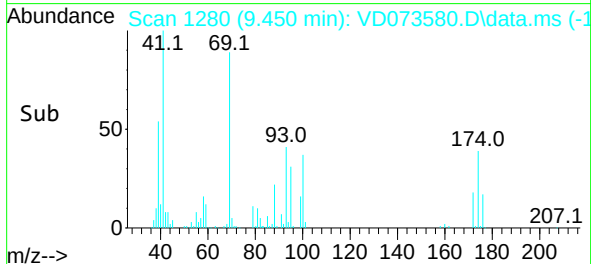
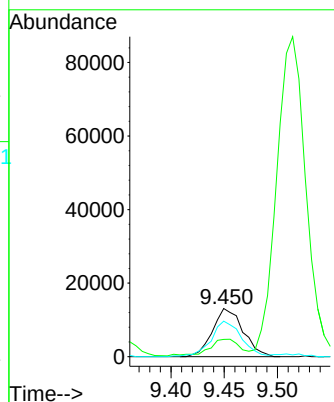
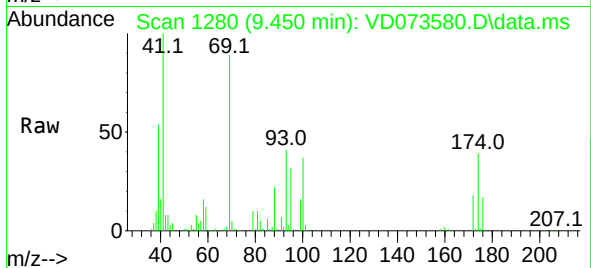




#49
1,4-Dioxane
Concen: 1031.334 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

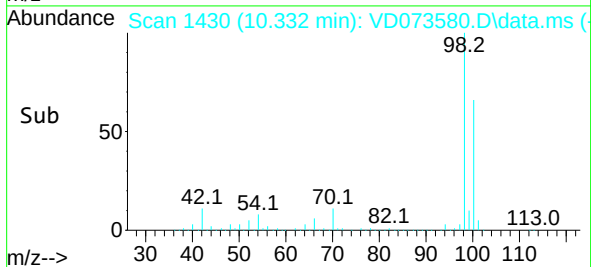
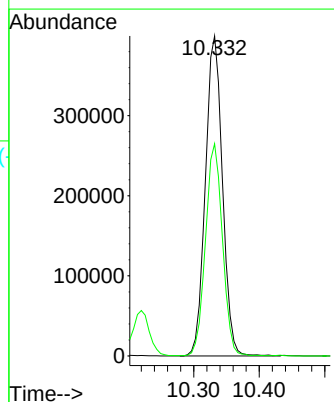
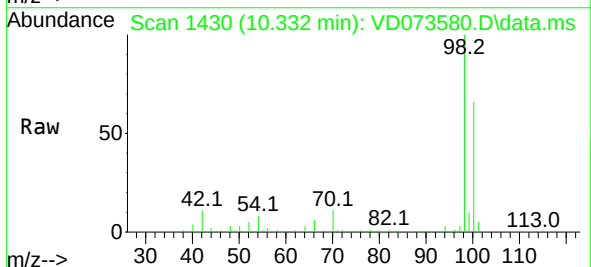
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

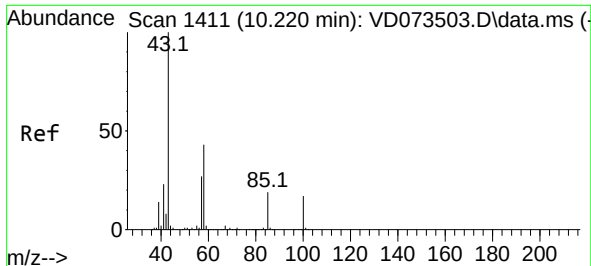
Tgt Ion: 88 Resp: 26059
Ion Ratio Lower Upper
88 100
43 34.8 31.0 46.4
58 73.1 58.1 87.1



#50
Toluene-d8
Concen: 53.134 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 98 Resp: 723866
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

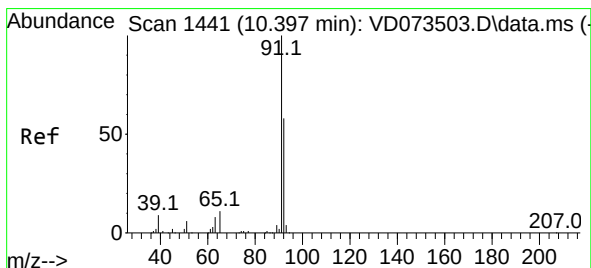
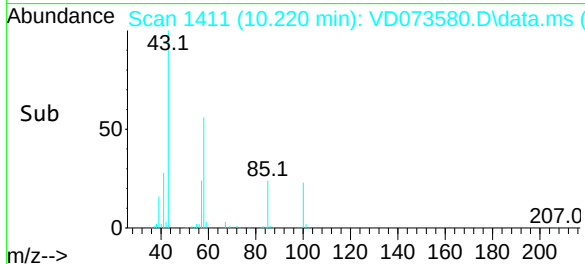
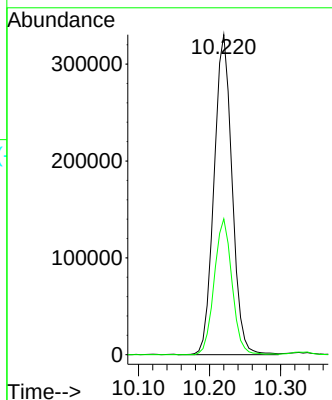
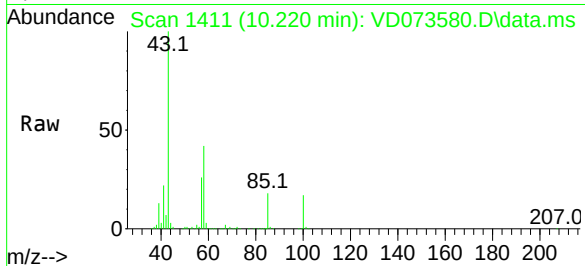




#51
4-Methyl-2-Pentanone
Concen: 273.210 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

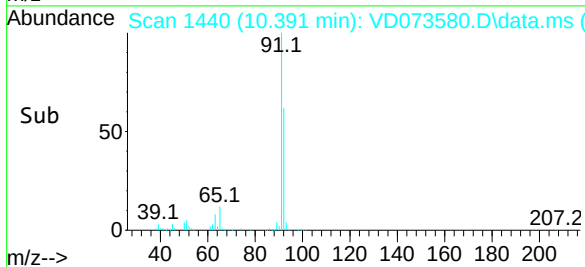
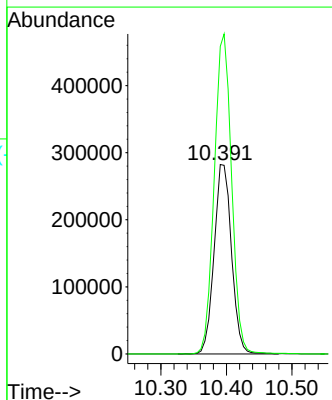
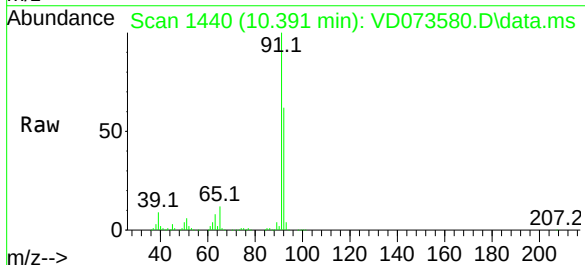
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

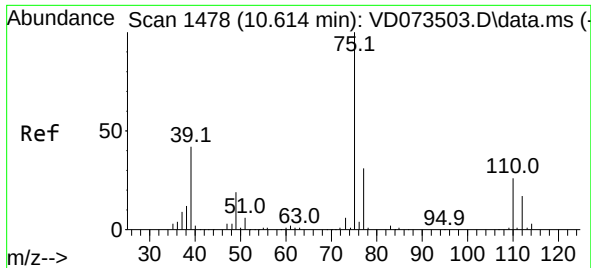
Tgt Ion: 43 Resp: 581444
Ion Ratio Lower Upper
43 100
58 41.8 28.6 43.0



#52
Toluene
Concen: 51.377 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 92 Resp: 518720
Ion Ratio Lower Upper
92 100
91 168.4 139.6 209.4

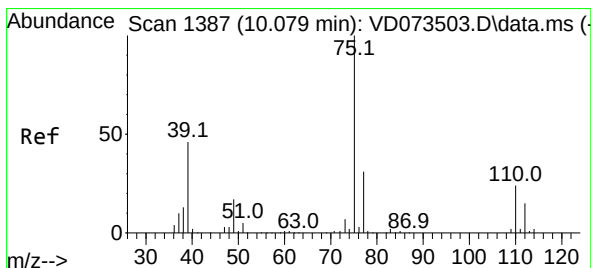
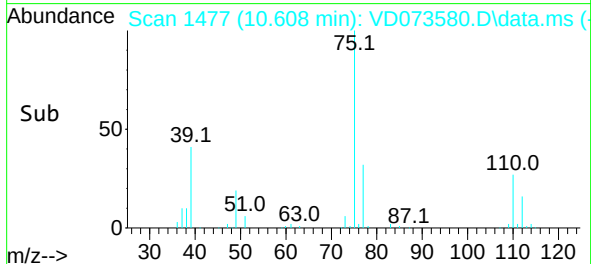
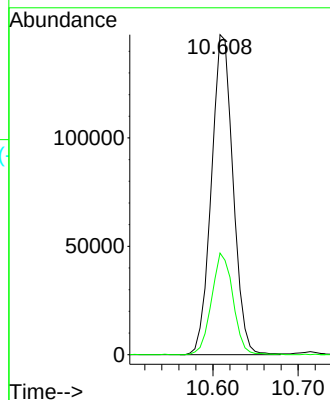
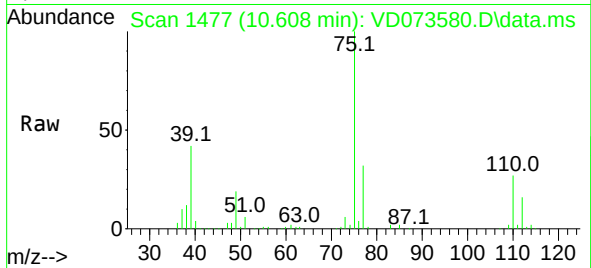




#53
 t-1,3-Dichloropropene
 Concen: 50.640 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

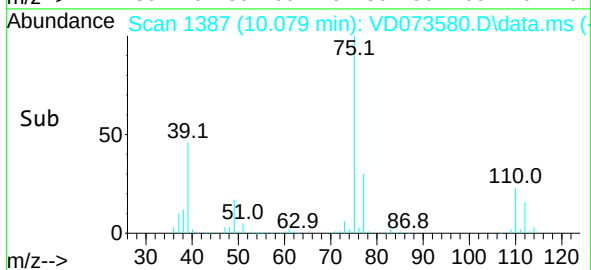
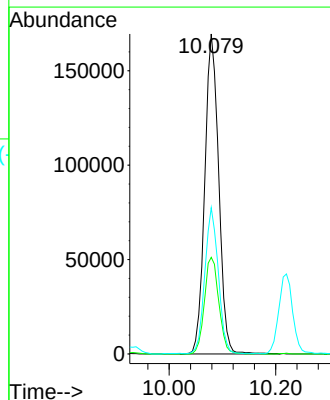
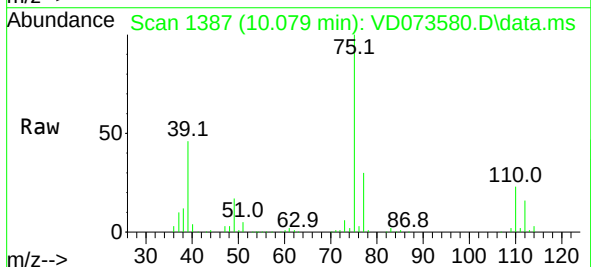
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

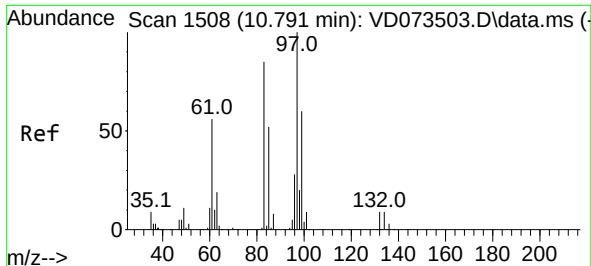
Tgt Ion: 75 Resp: 261443
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 50.991 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

Tgt Ion: 75 Resp: 308315
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.8 37.2
 39 45.5 46.8 70.2#

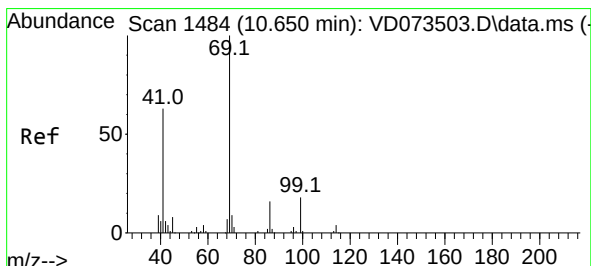
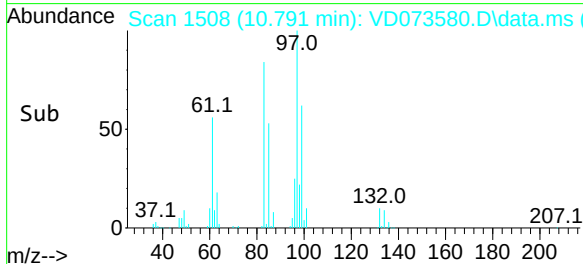
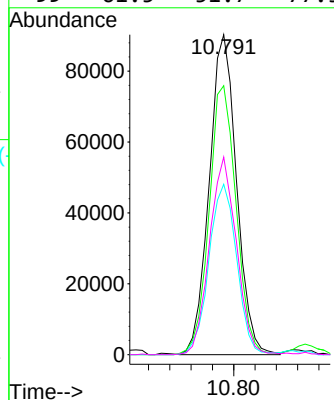
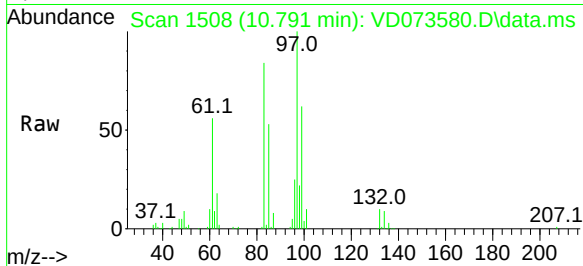




#55
1,1,2-Trichloroethane
Concen: 51.319 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

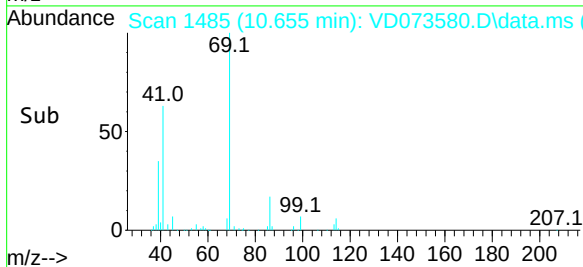
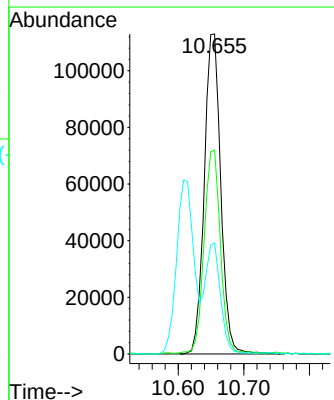
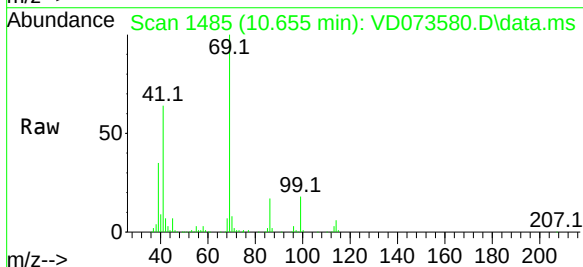
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

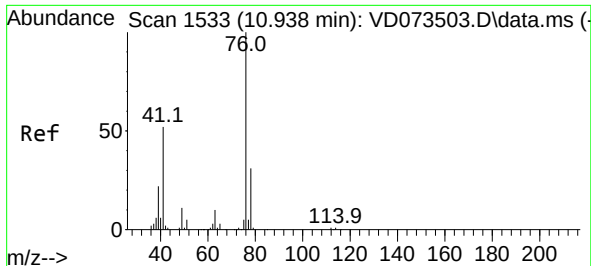
Tgt Ion:	97	Resp:	160792
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.0	103.4
85	53.0	42.6	63.8
99	61.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 55.110 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:	69	Resp:	197832
Ion	Ratio	Lower	Upper
69	100		
41	62.9	63.0	94.6#
39	32.4	33.8	50.8#





#57

1,3-Dichloropropane

Concen: 51.727 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

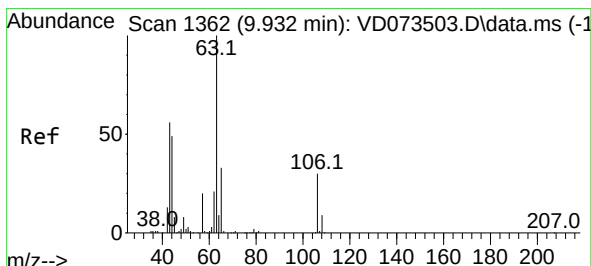
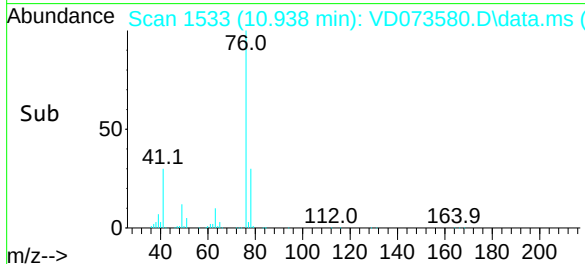
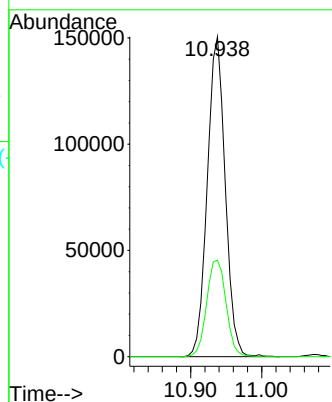
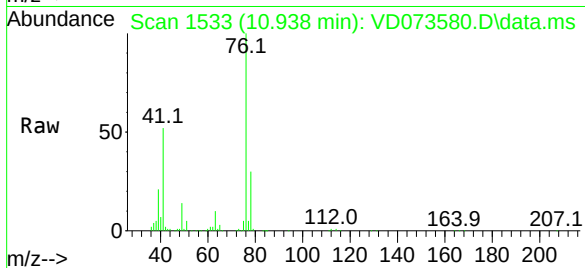
VSTDCCC050EC

Tgt Ion: 76 Resp: 263977

Ion Ratio Lower Upper

76 100

78 32.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 268.266 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073580.D

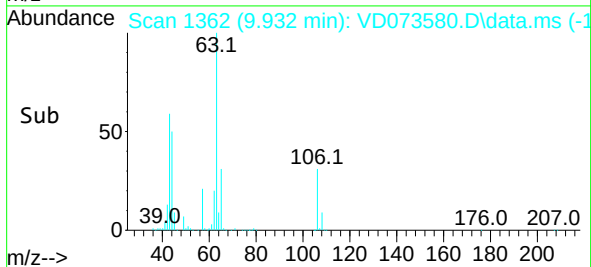
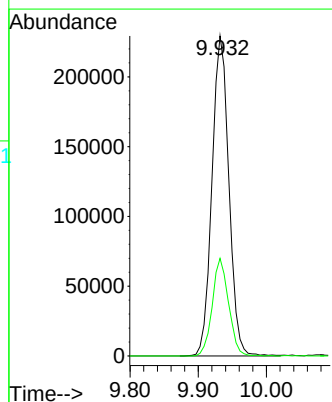
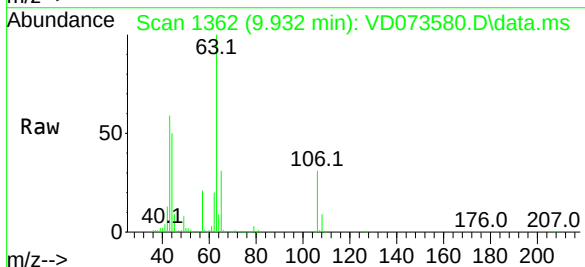
Acq: 14 Jun 2022 20:32

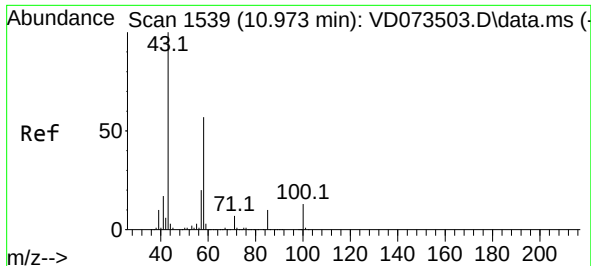
Tgt Ion: 63 Resp: 395938

Ion Ratio Lower Upper

63 100

106 29.4 21.4 32.0

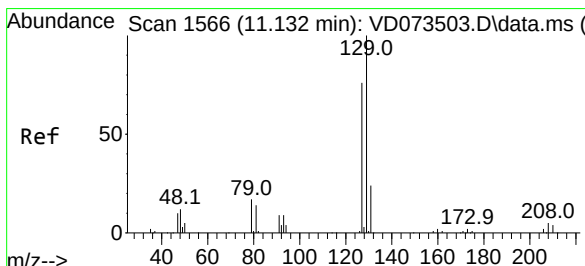
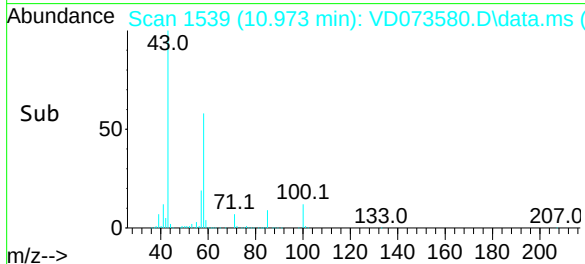
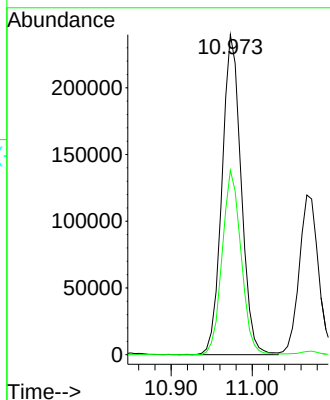
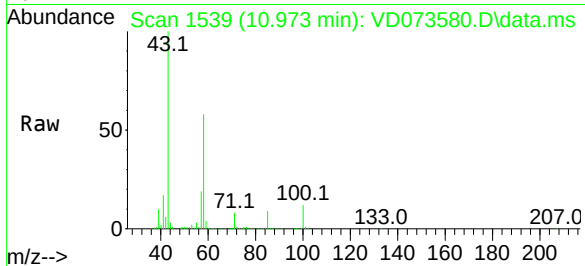




#59
2-Hexanone
Concen: 270.423 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

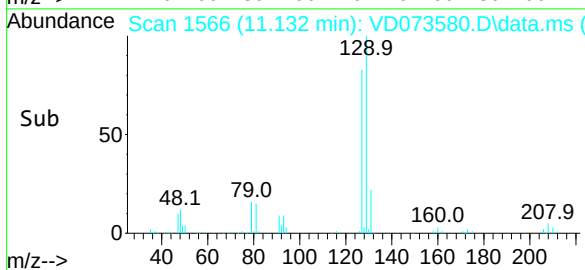
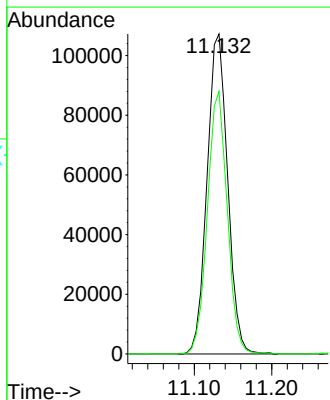
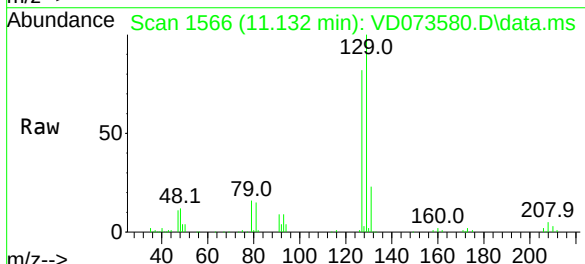
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

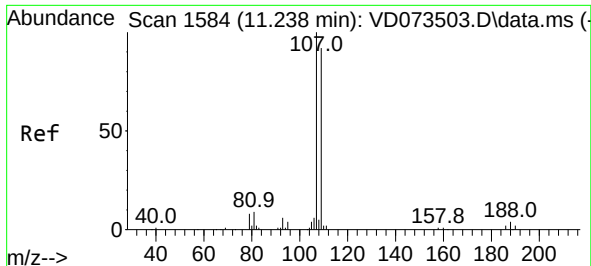
Tgt Ion: 43 Resp: 394139
Ion Ratio Lower Upper
43 100
58 56.9 25.3 75.9



#60
Dibromochloromethane
Concen: 51.145 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:129 Resp: 197778
Ion Ratio Lower Upper
129 100
127 79.3 39.2 117.6

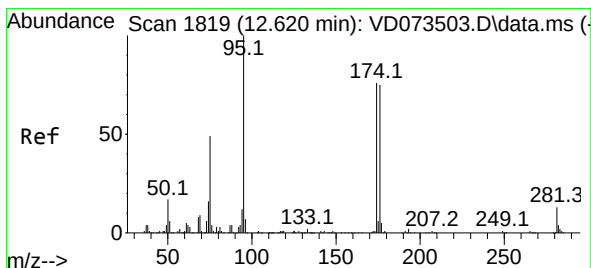
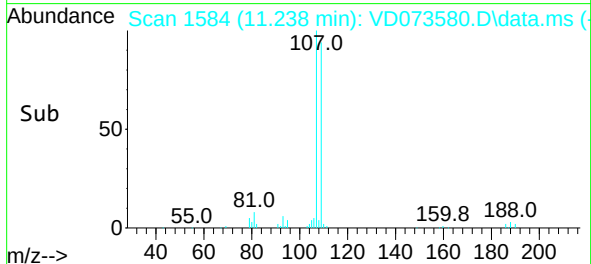
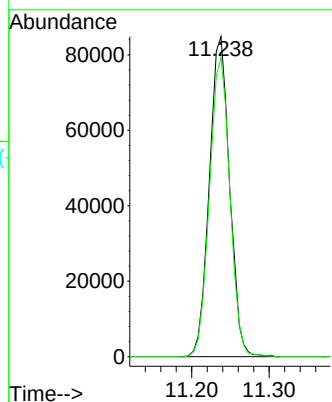
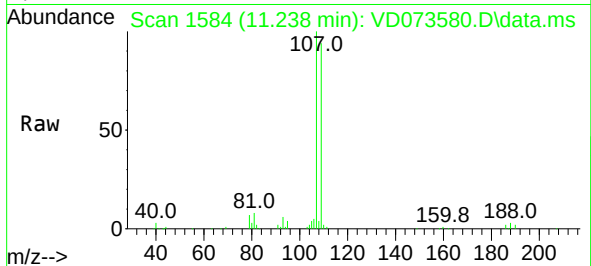




#61
1,2-Dibromoethane
Concen: 51.607 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

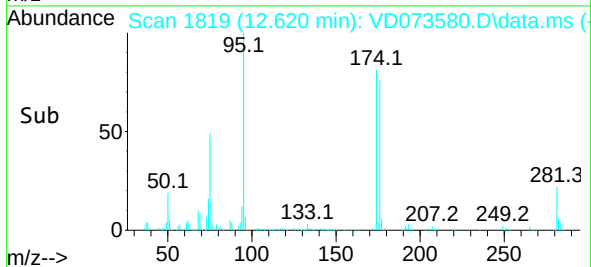
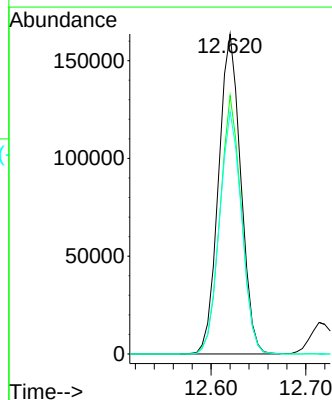
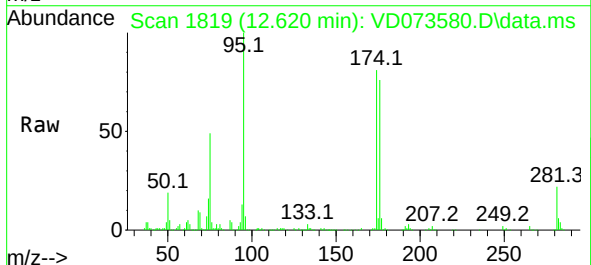
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

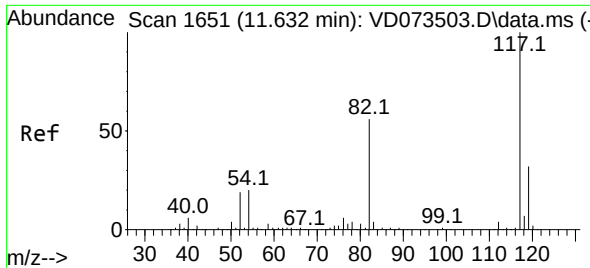
Tgt Ion:107 Resp: 154062
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.915 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 95 Resp: 266647
Ion Ratio Lower Upper
95 100
174 77.8 0.0 152.8
176 75.5 0.0 145.4

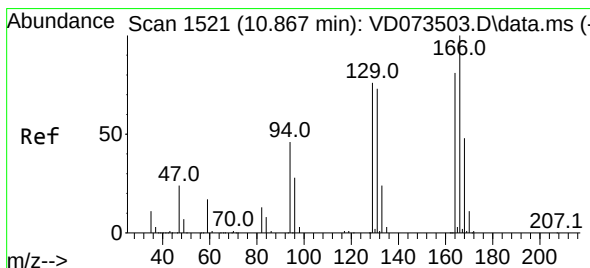
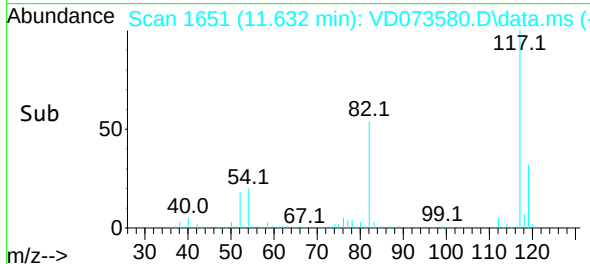
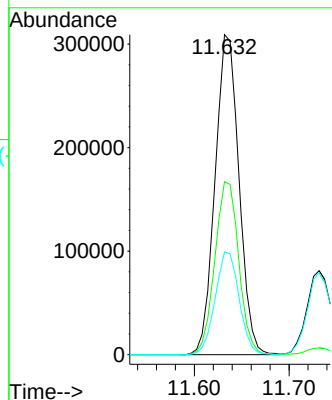
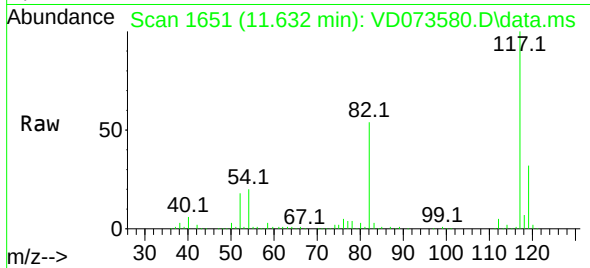




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

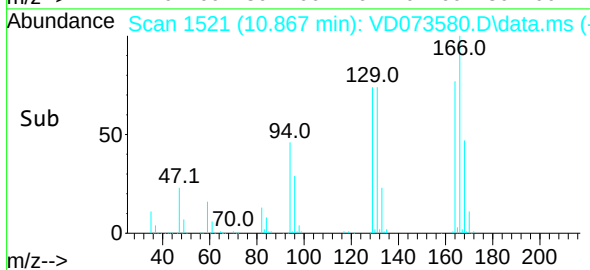
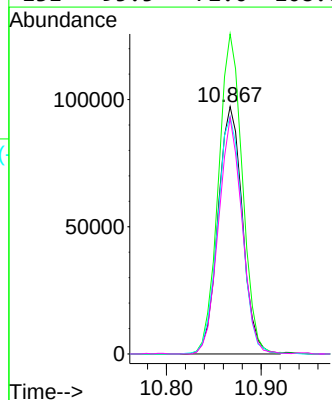
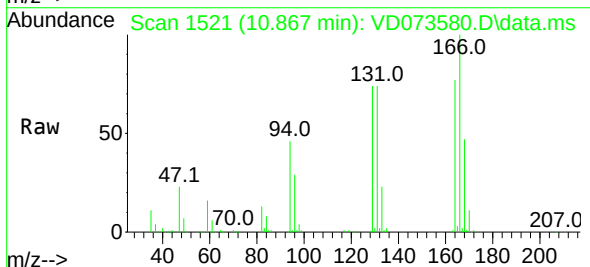
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

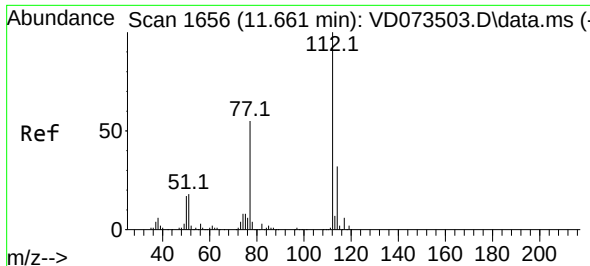
Tgt Ion:117	Resp: 543017
Ion Ratio	Lower Upper
117 100	
82 54.0	45.3 67.9
119 32.1	26.6 40.0



#64
Tetrachloroethene
Concen: 46.830 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:164	Resp: 173123
Ion Ratio	Lower Upper
164 100	
166 129.4	98.5 147.7
129 96.0	74.6 111.8
131 95.5	72.0 108.0

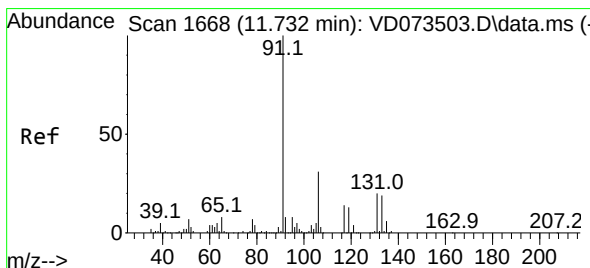
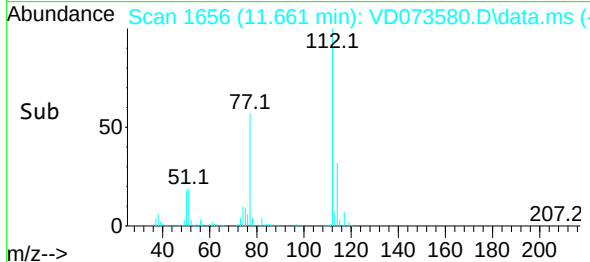
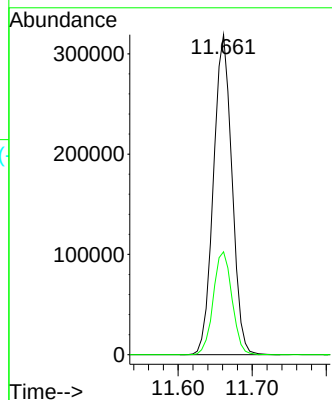
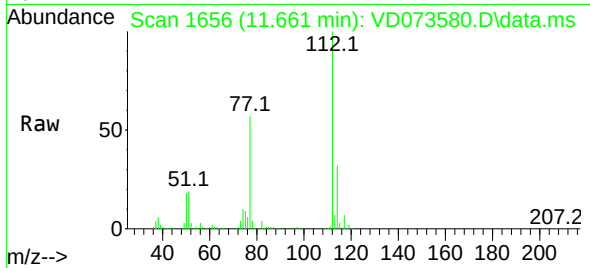




#65
Chlorobenzene
Concen: 49.475 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

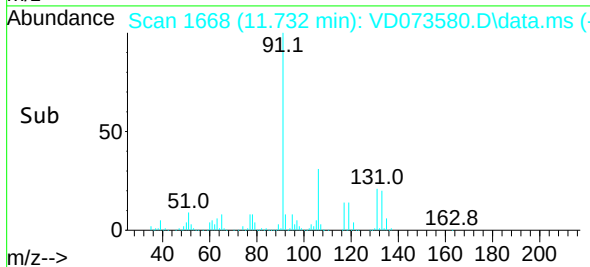
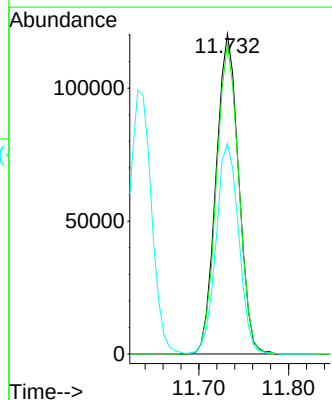
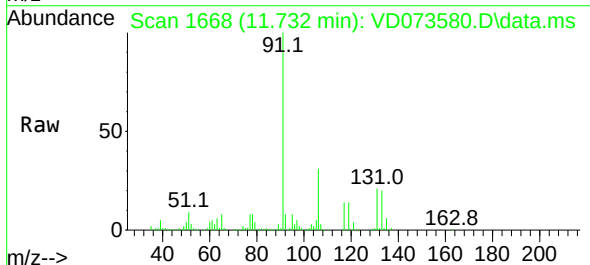
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

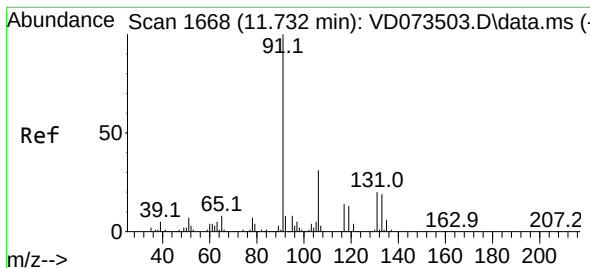
Tgt Ion:112 Resp: 552762
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.598 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:131 Resp: 210253
Ion Ratio Lower Upper
131 100
133 96.1 48.1 144.3
119 66.3 31.9 95.9





#67

Ethyl Benzene

Concen: 50.446 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

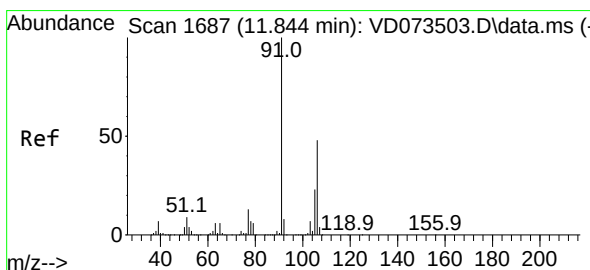
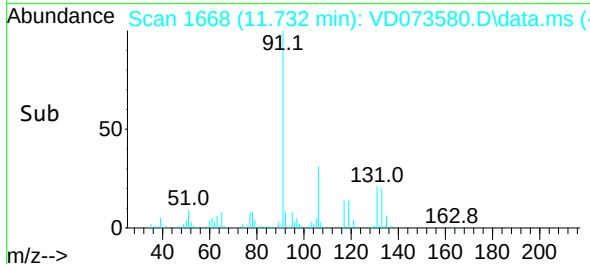
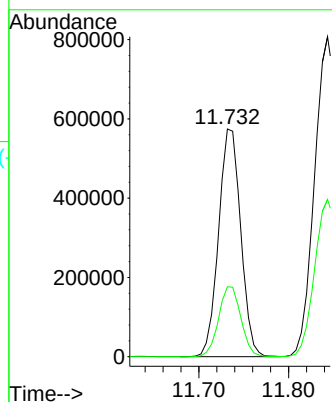
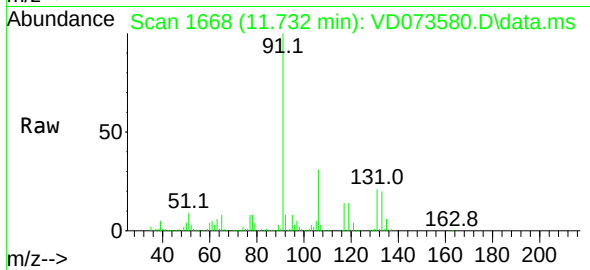
VSTDCCC050EC

Tgt Ion: 91 Resp: 984946

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.4



#68

m/p-Xylenes

Concen: 99.391 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073580.D

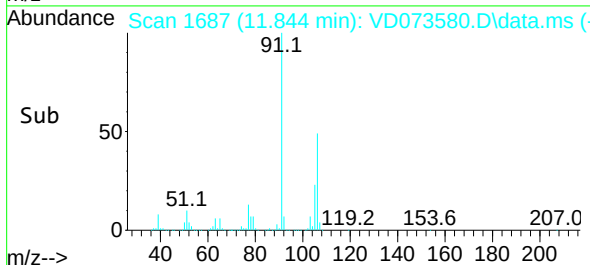
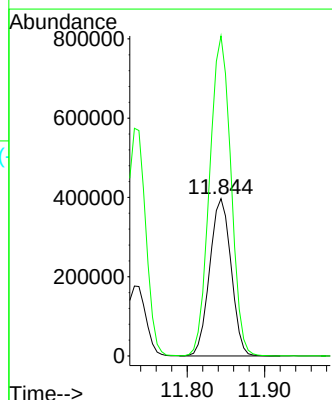
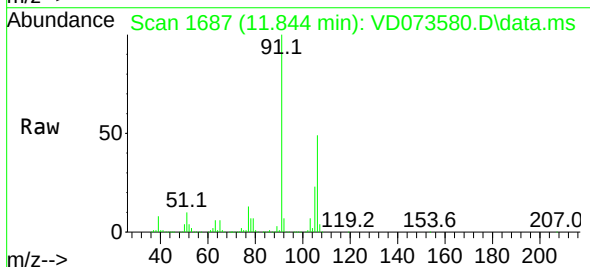
Acq: 14 Jun 2022 20:32

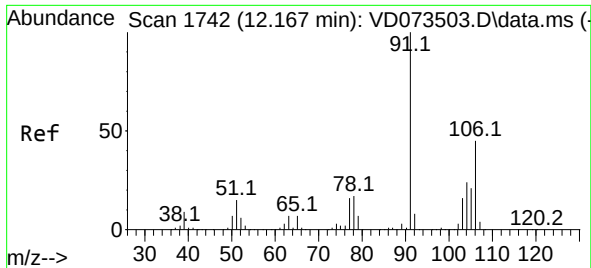
Tgt Ion:106 Resp: 761534

Ion Ratio Lower Upper

106 100

91 203.2 163.7 245.5

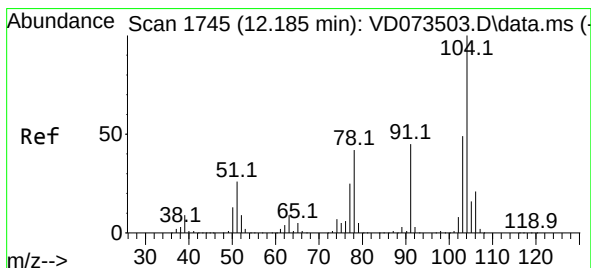
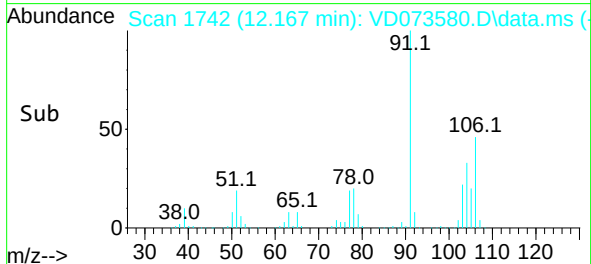
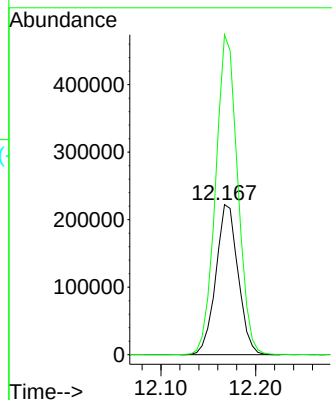
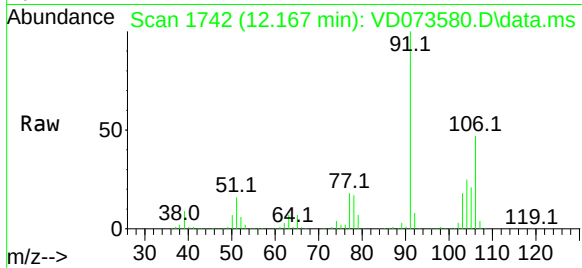




#69
o-Xylene
Concen: 51.455 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

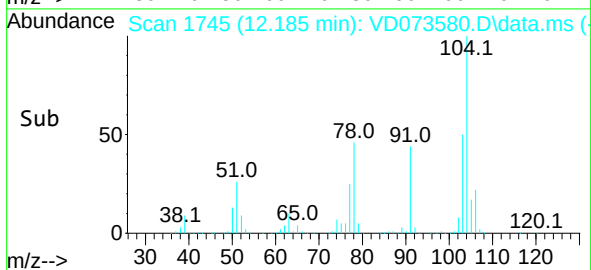
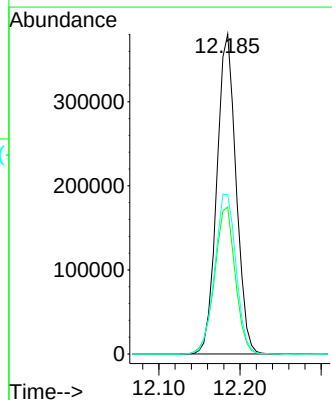
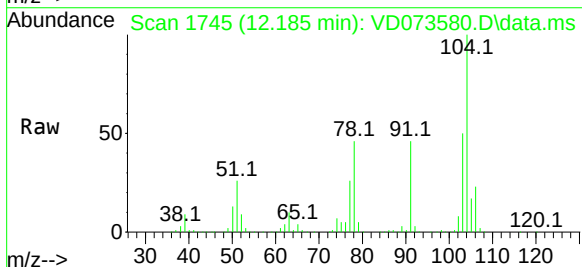
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

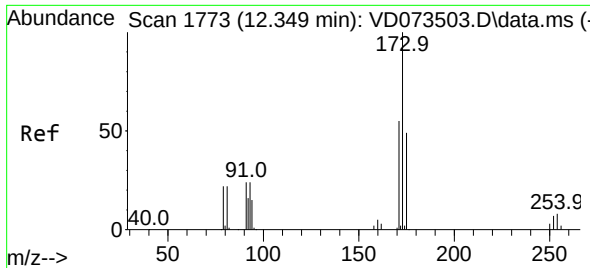
Tgt Ion:106 Resp: 362771
Ion Ratio Lower Upper
106 100
91 212.0 110.4 331.2



#70
Styrene
Concen: 51.584 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:104 Resp: 627311
Ion Ratio Lower Upper
104 100
78 49.3 41.8 62.8
103 55.2 44.2 66.4

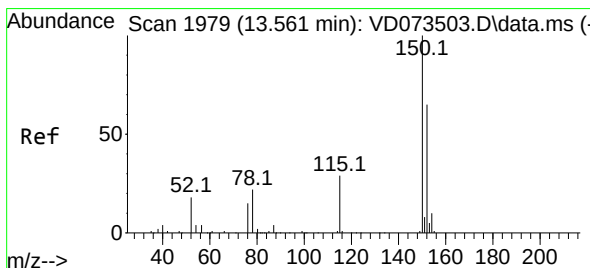
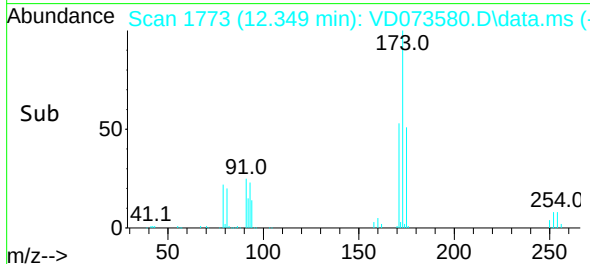
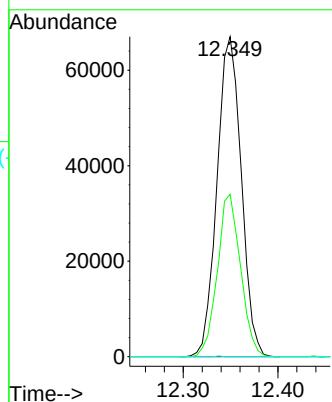
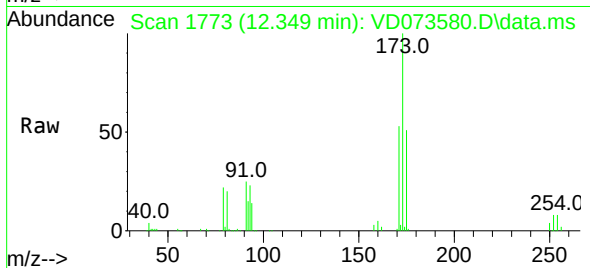




#71
Bromoform
Concen: 51.477 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

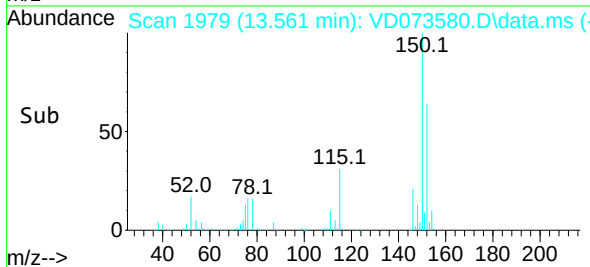
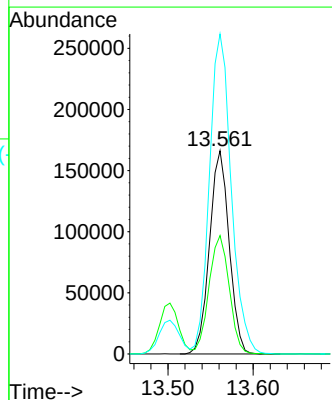
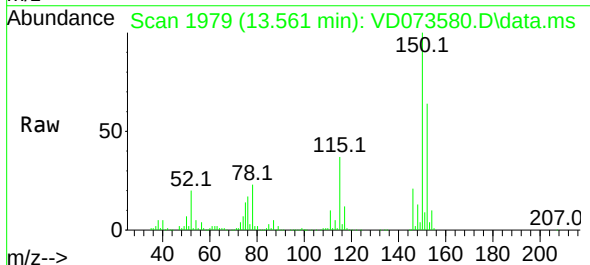
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

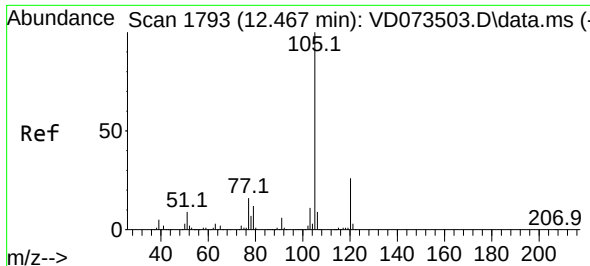
Tgt Ion:173 Resp: 119321
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:152 Resp: 265928
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 175.3 0.0 348.6

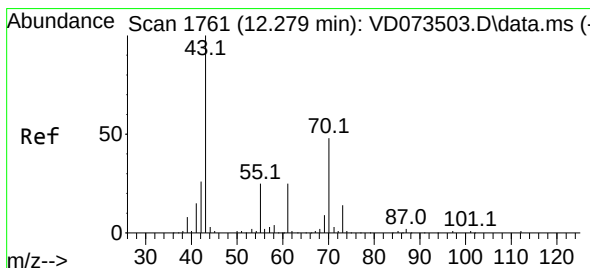
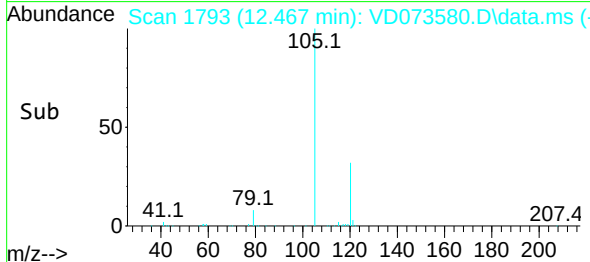
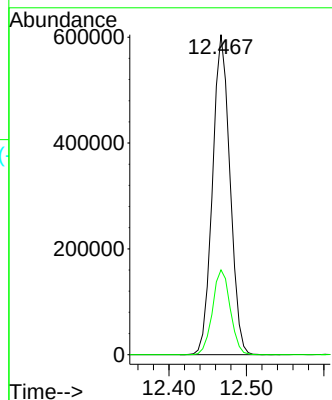
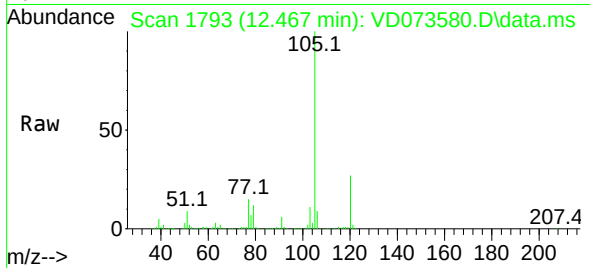




#73
Isopropylbenzene
Concen: 51.342 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

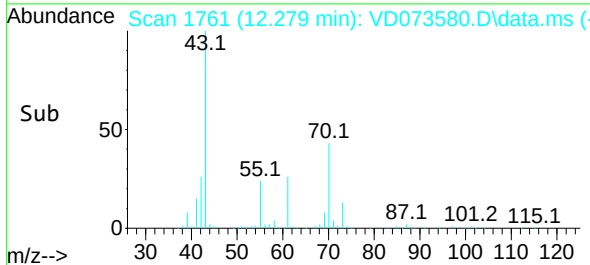
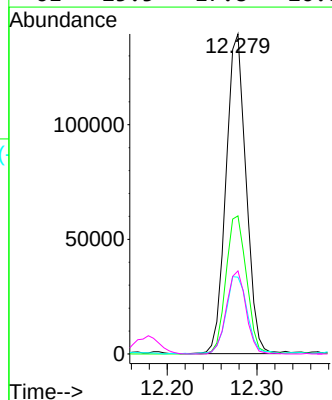
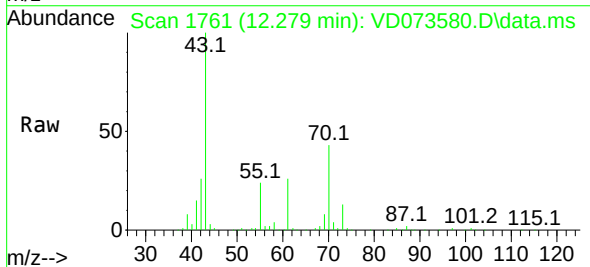
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

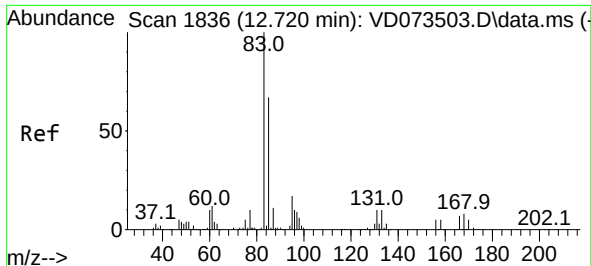
Tgt Ion:105 Resp: 946351
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9



#74
N-ethyl acetate
Concen: 52.762 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 43 Resp: 216350
Ion Ratio Lower Upper
43 100
70 44.5 31.3 46.9
55 25.8 20.0 30.0
61 25.5 17.8 26.8

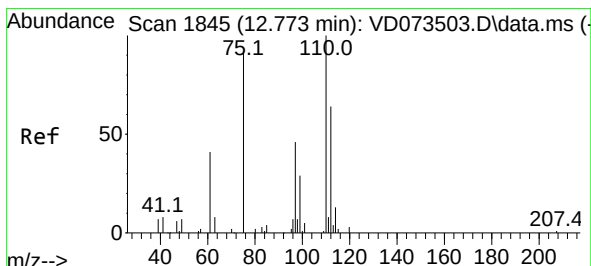
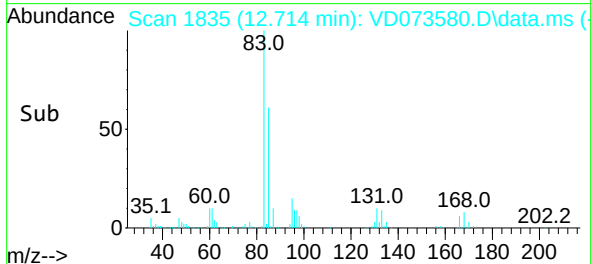
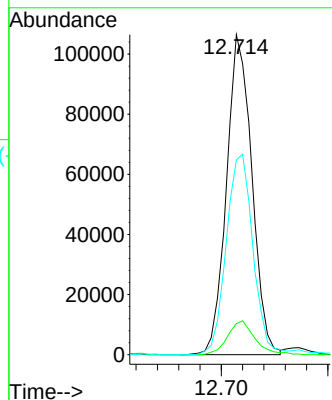
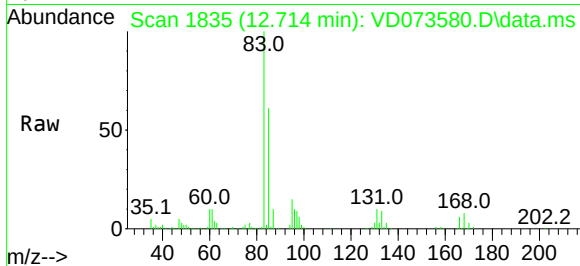




#75
1,1,2,2-Tetrachloroethane
Concen: 50.387 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

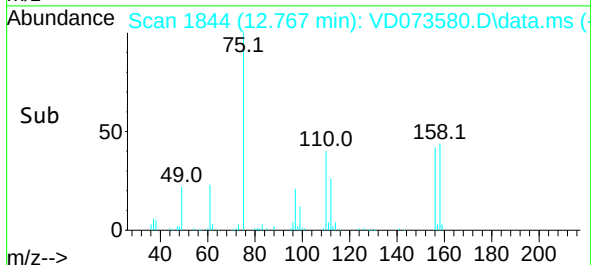
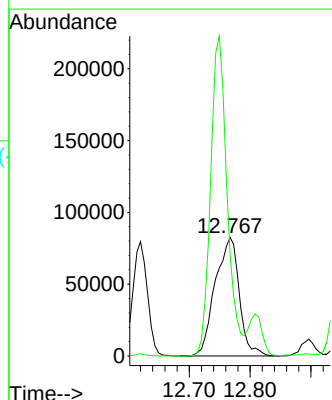
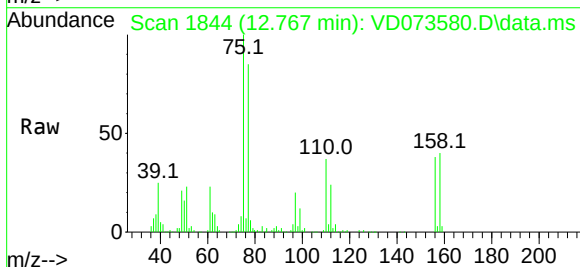
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

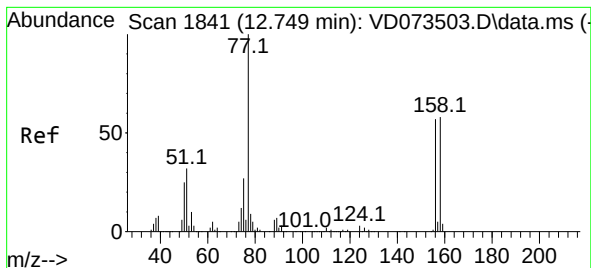
Tgt Ion: 83 Resp: 176311
Ion Ratio Lower Upper
83 100
131 11.4 5.0 14.9
85 67.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 87.587 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 75 Resp: 226270
Ion Ratio Lower Upper
75 100
77 186.6 0.0 0.0#





#77

Bromobenzene

Concen: 50.585 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

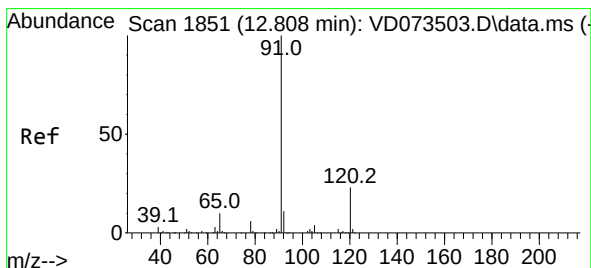
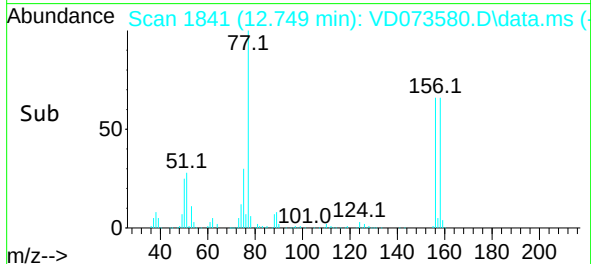
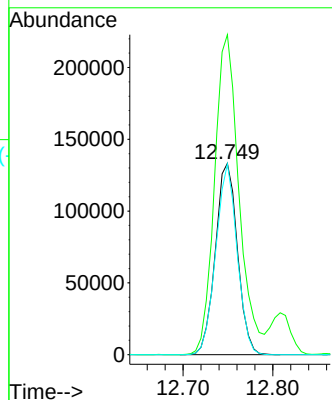
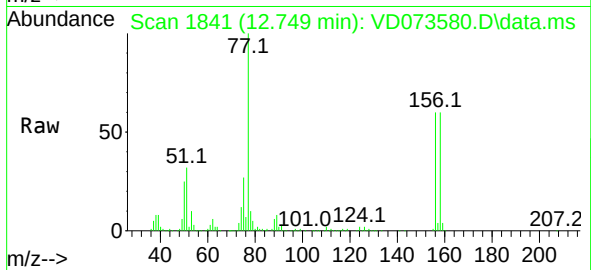
Tgt Ion:156 Resp: 227713

Ion Ratio Lower Upper

156 100

77 185.4 102.8 308.3

158 95.9 48.7 146.1



#78

n-propylbenzene

Concen: 50.813 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073580.D

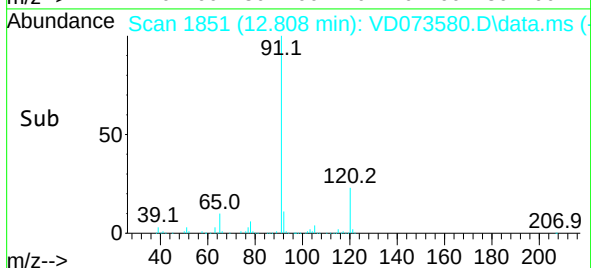
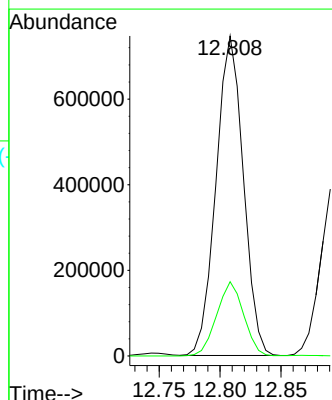
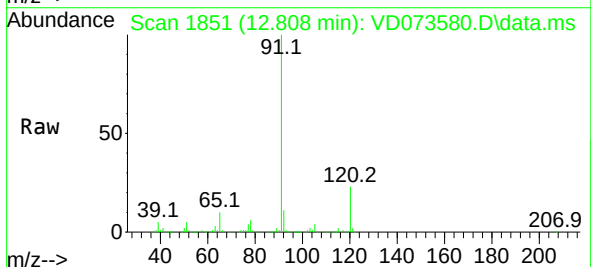
Acq: 14 Jun 2022 20:32

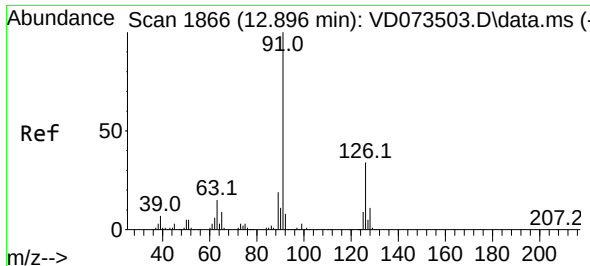
Tgt Ion: 91 Resp: 1165827

Ion Ratio Lower Upper

91 100

120 23.0 10.9 32.9

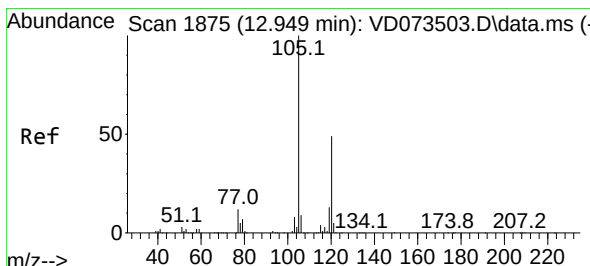
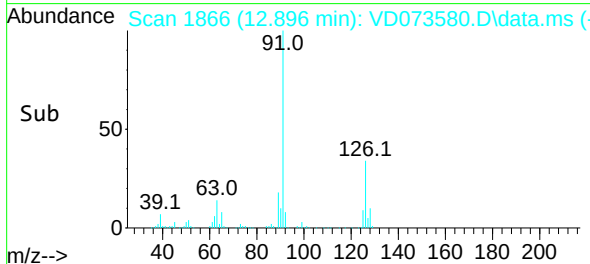
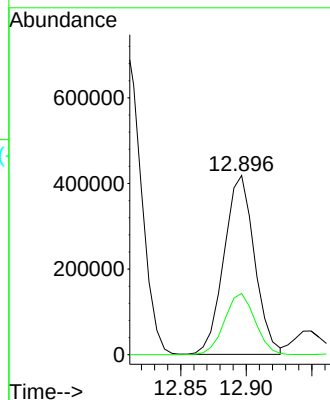
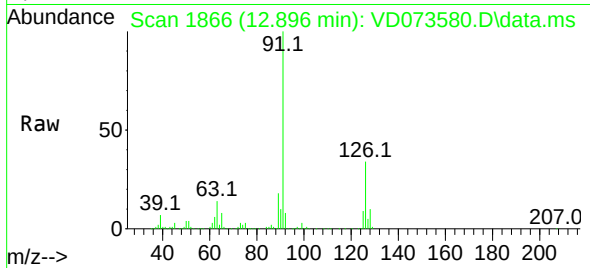




#79
2-Chlorotoluene
Concen: 50.843 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

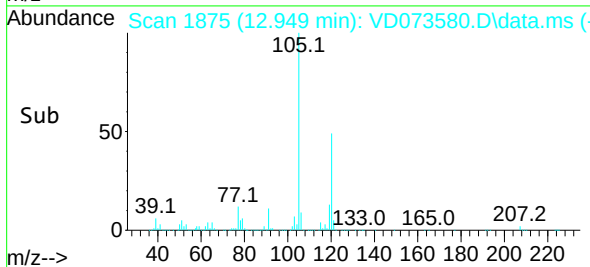
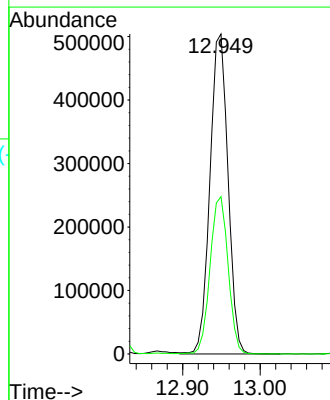
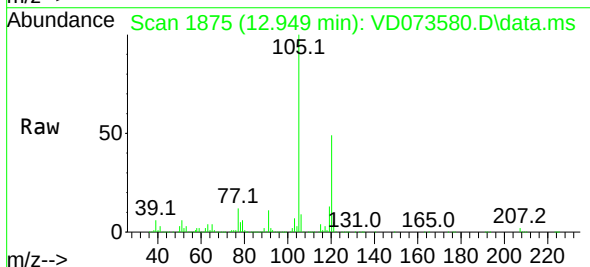
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

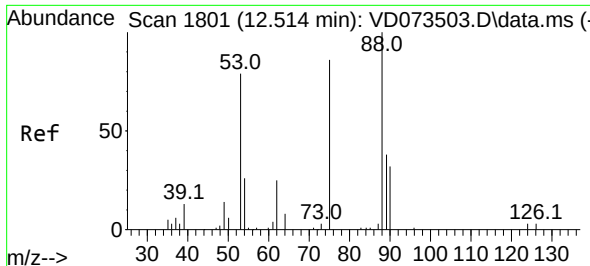
Tgt Ion: 91 Resp: 678063
Ion Ratio Lower Upper
91 100
126 34.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 51.263 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 105 Resp: 814945
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

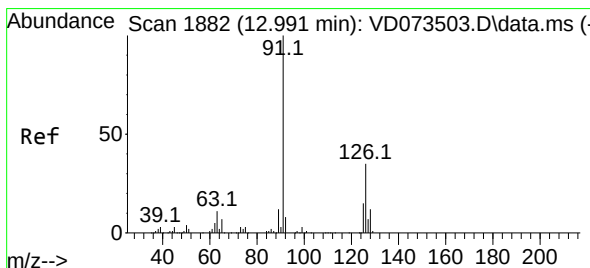
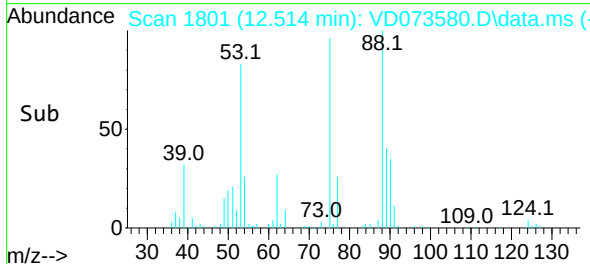
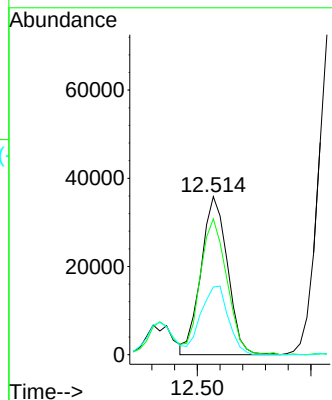
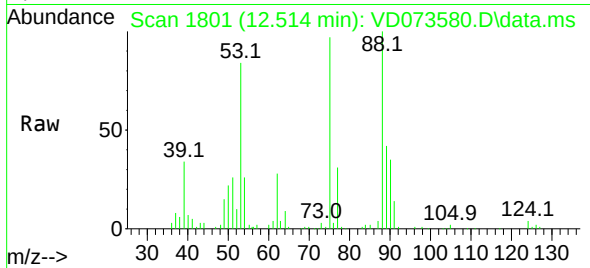




#81
trans-1,4-Dichloro-2-butene
Concen: 52.813 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

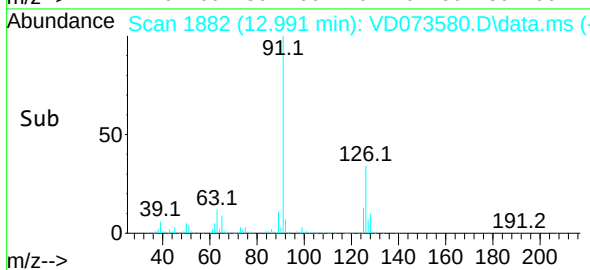
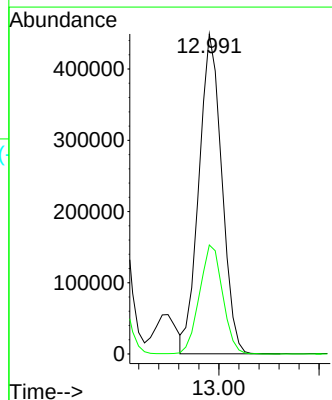
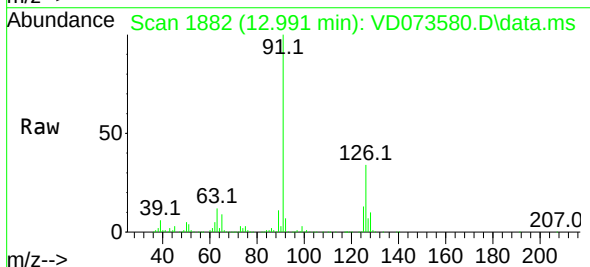
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

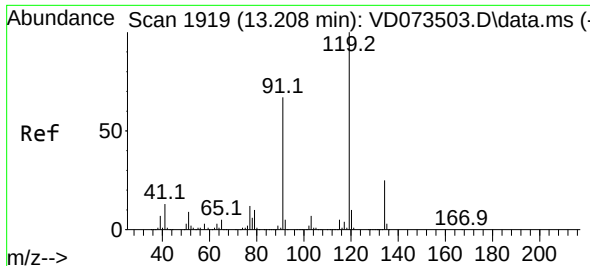
Tgt Ion: 75 Resp: 58128
Ion Ratio Lower Upper
75 100
53 86.9 86.5 129.7
89 44.4 33.9 50.9



#82
4-Chlorotoluene
Concen: 50.581 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 91 Resp: 711165
Ion Ratio Lower Upper
91 100
126 34.6 16.5 49.5

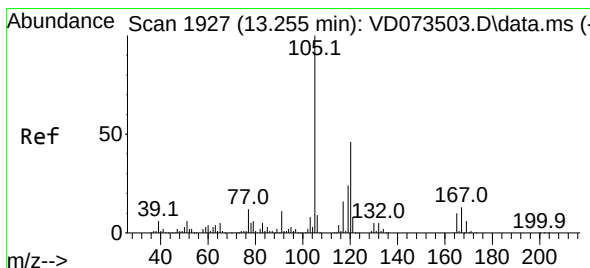
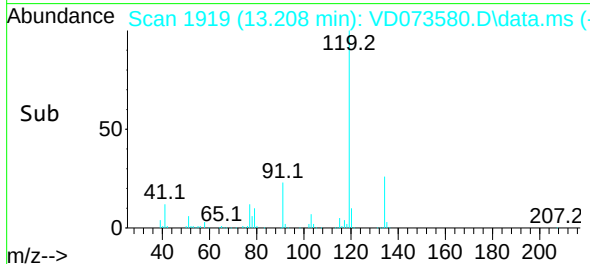
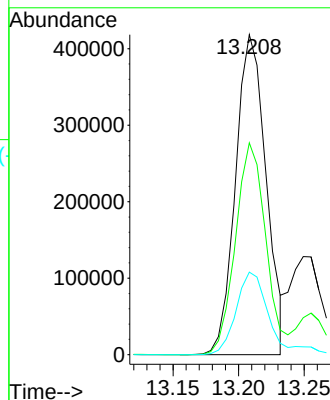
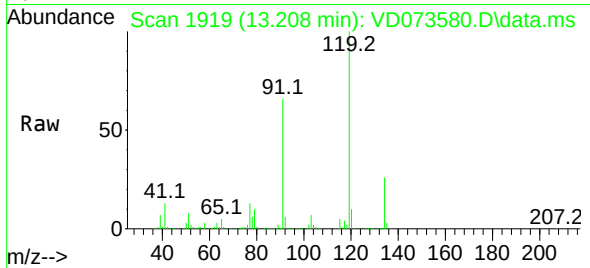




#83
tert-Butylbenzene
Concen: 50.577 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

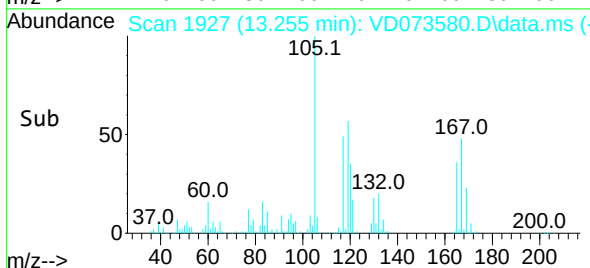
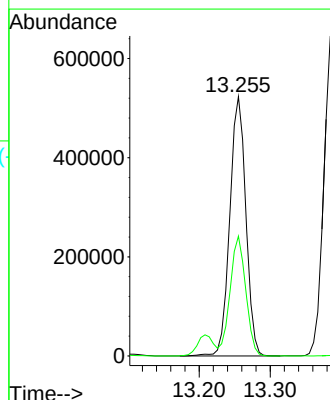
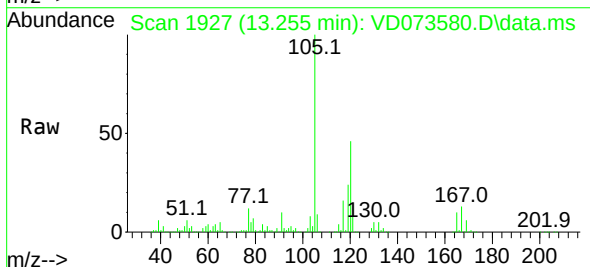
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

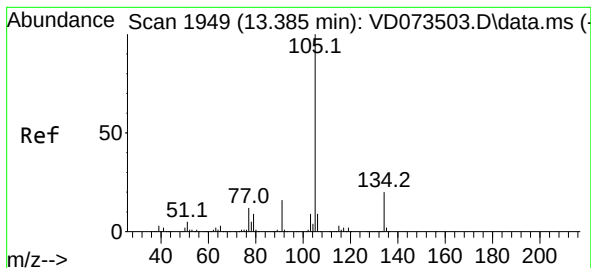
Tgt Ion:119 Resp: 679557
Ion Ratio Lower Upper
119 100
91 65.9 34.8 104.5
134 28.0 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.767 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion:105 Resp: 821372
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.257 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

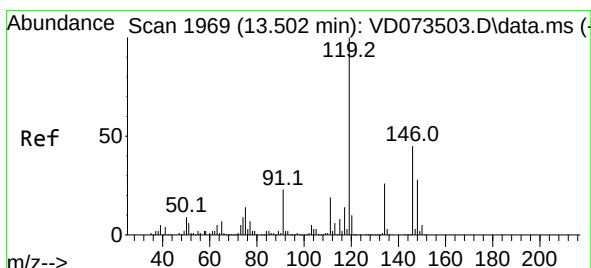
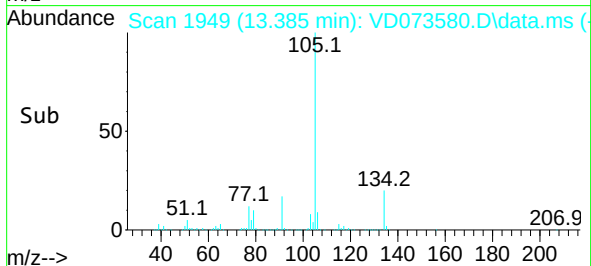
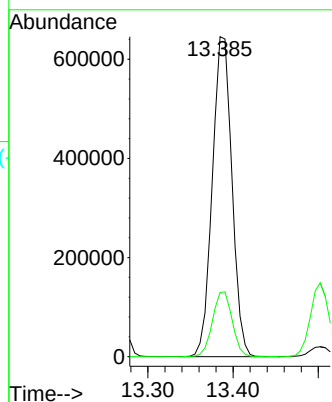
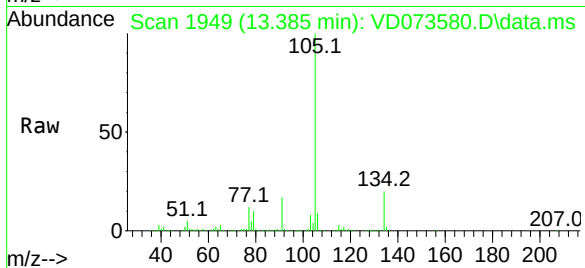
VSTDCCC050EC

Tgt Ion:105 Resp: 1031676

Ion Ratio Lower Upper

105 100

134 20.3 9.8 29.3



#86

p-Isopropyltoluene

Concen: 51.094 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

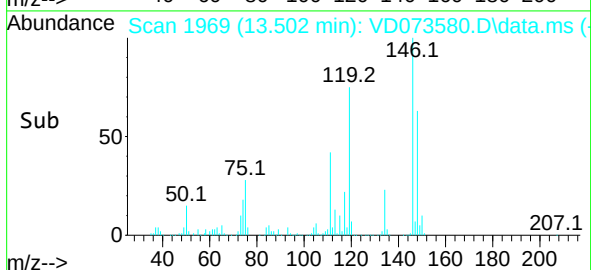
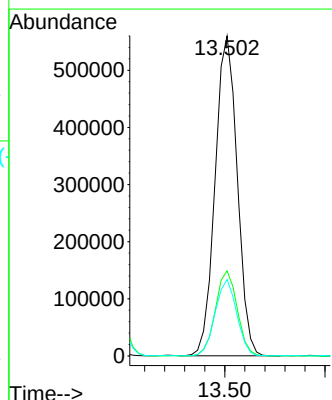
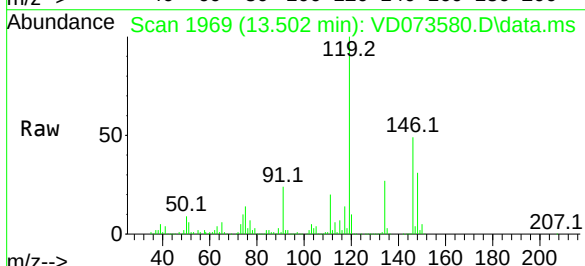
Tgt Ion:119 Resp: 857269

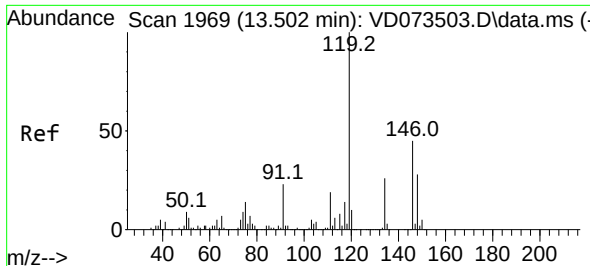
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 23.2 12.1 36.3

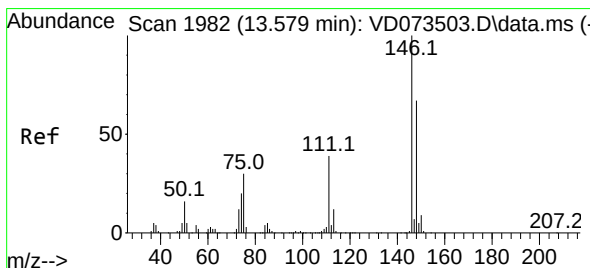
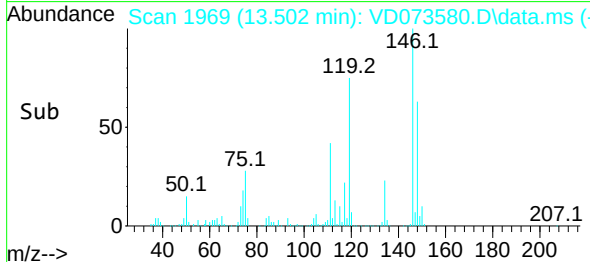
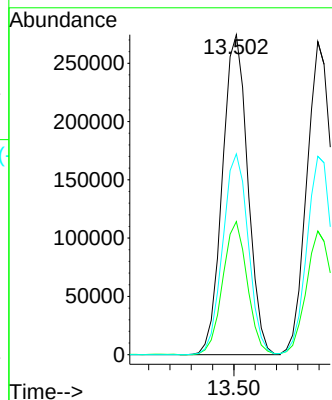
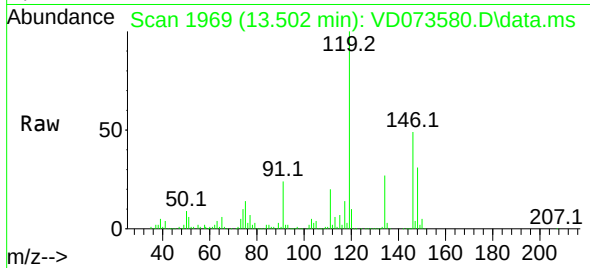




#87
 1,3-Dichlorobenzene
 Concen: 49.445 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

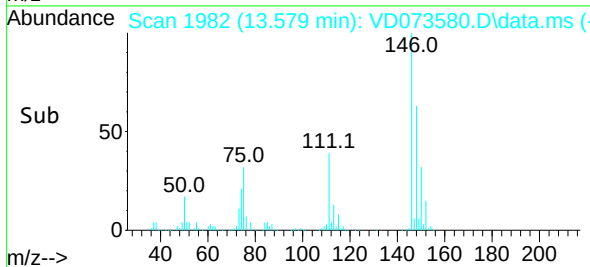
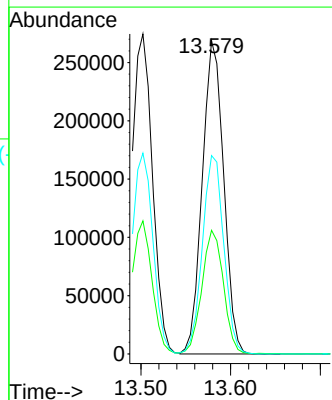
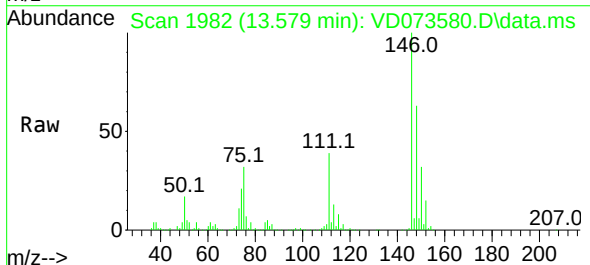
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

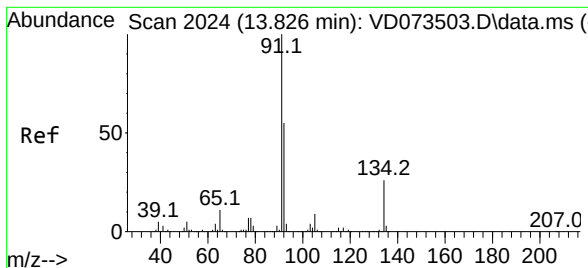
Tgt Ion:146 Resp: 454491
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.4 61.3
 148 63.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.007 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

Tgt Ion:146 Resp: 445635
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.3 60.9
 148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 50.408 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

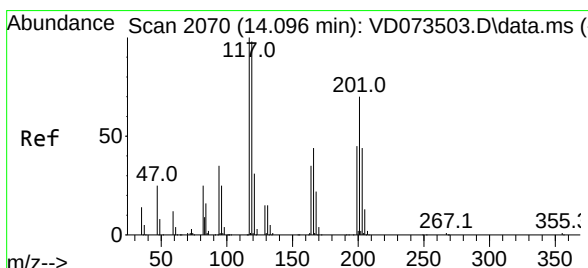
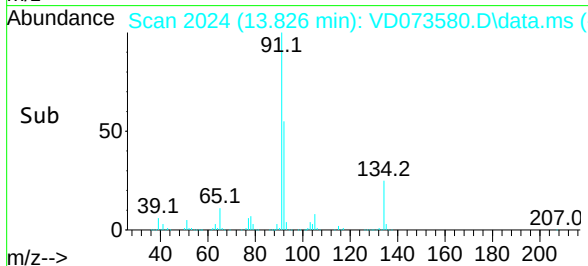
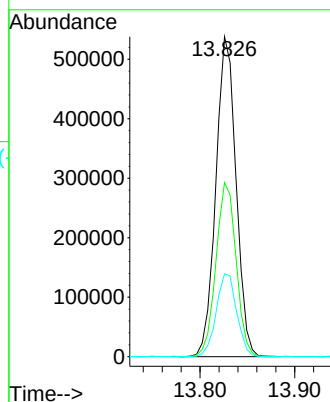
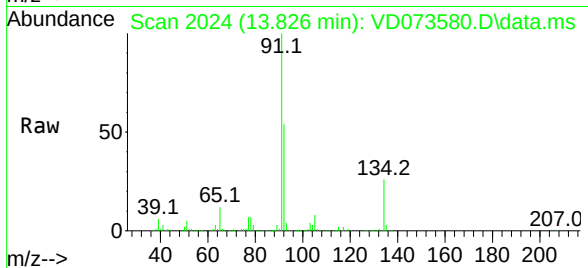
Tgt Ion: 91 Resp: 797839

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.8

134 26.3 12.3 36.9



#90

Hexachloroethane

Concen: 48.378 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073580.D

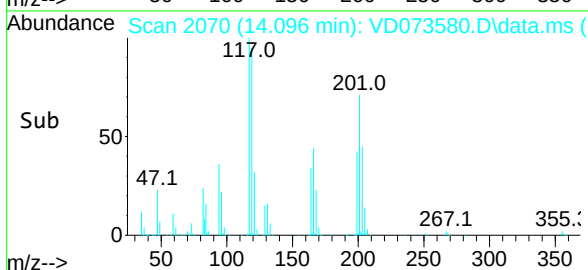
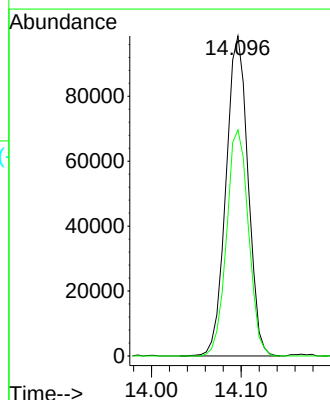
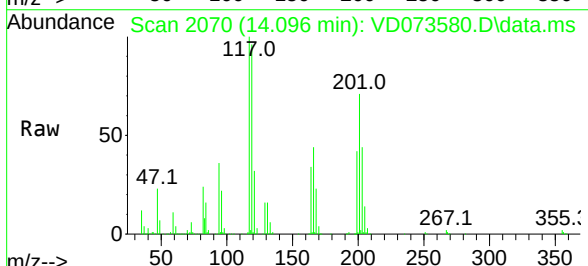
Acq: 14 Jun 2022 20:32

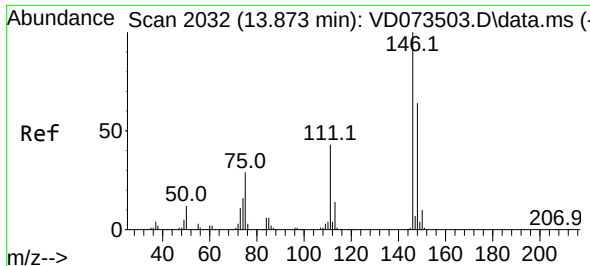
Tgt Ion: 117 Resp: 168095

Ion Ratio Lower Upper

117 100

201 70.2 33.4 100.2

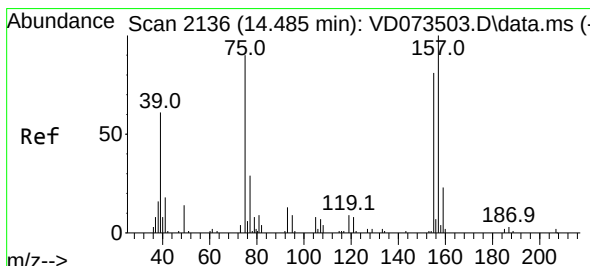
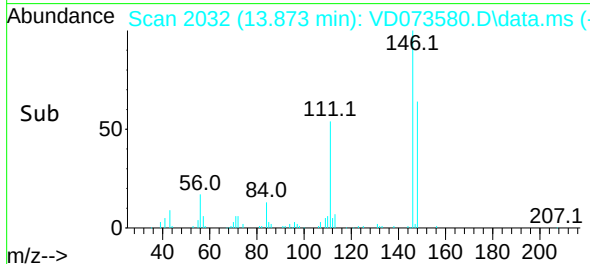
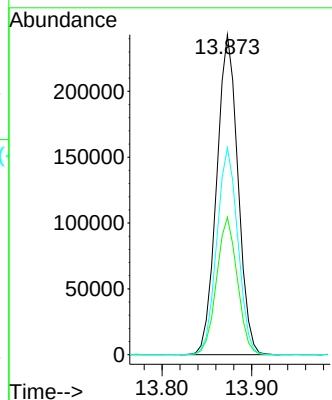
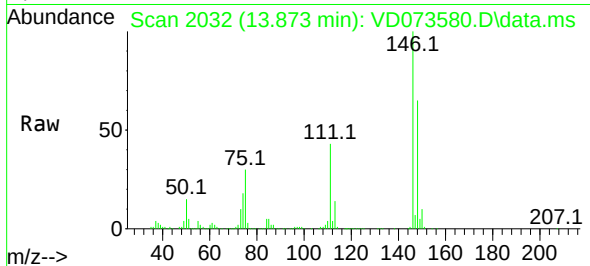




#91
1,2-Dichlorobenzene
Concen: 50.439 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

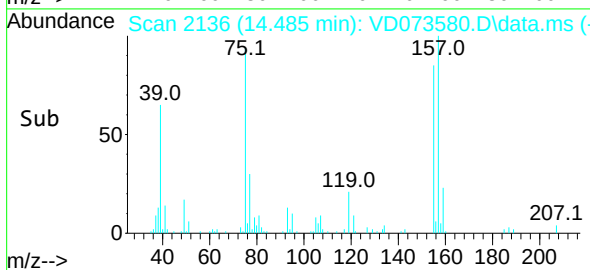
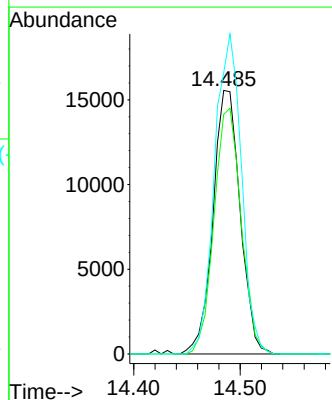
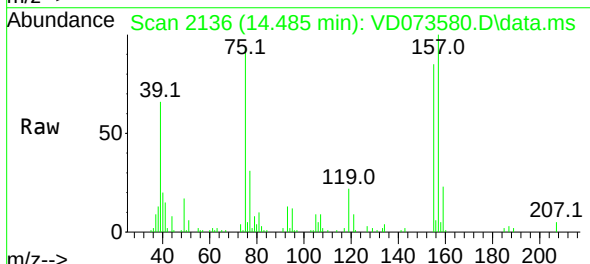
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

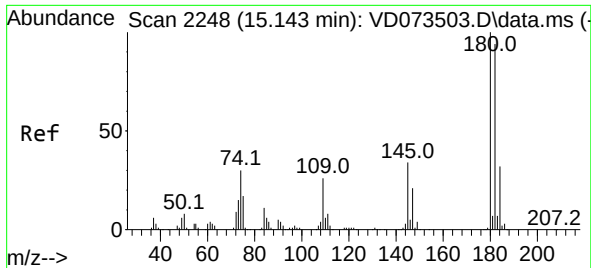
Tgt Ion:146 Resp: 399883
Ion Ratio Lower Upper
146 100
111 41.9 21.1 63.3
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.277 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VD073580.D
Acq: 14 Jun 2022 20:32

Tgt Ion: 75 Resp: 27538
Ion Ratio Lower Upper
75 100
155 93.2 36.8 110.3
157 119.6 48.4 145.0

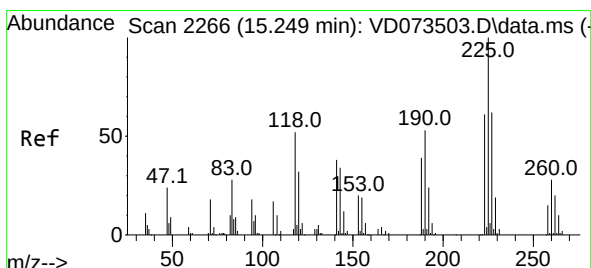
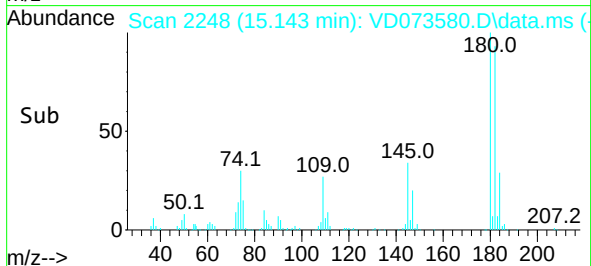
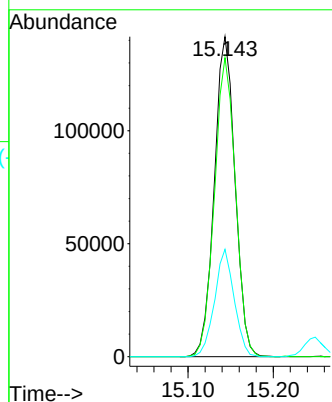
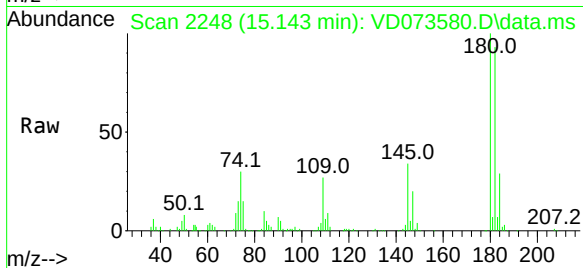




#93
 1,2,4-Trichlorobenzene
 Concen: 50.451 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. 0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

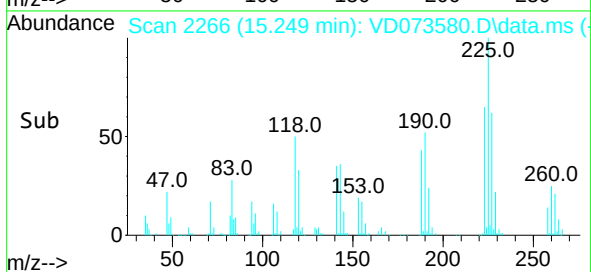
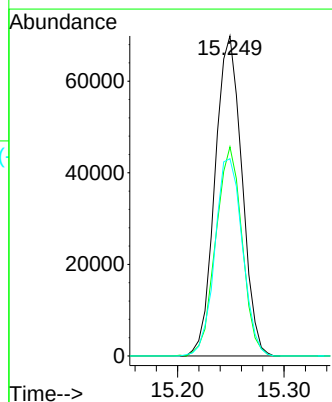
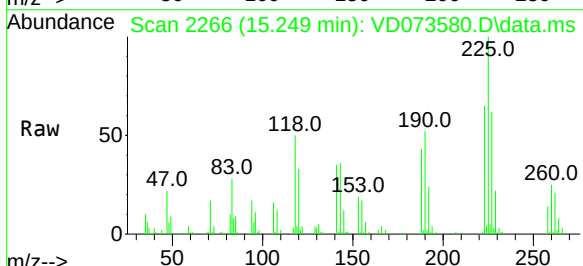
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

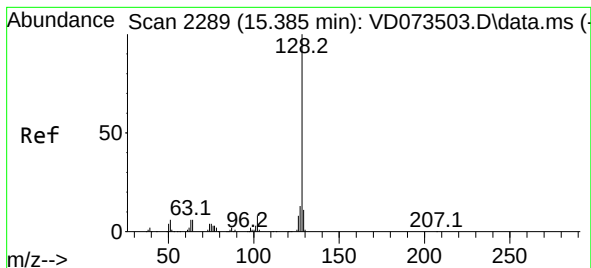
Tgt Ion:180 Resp: 239516
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.3 142.0
 145 31.7 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 47.032 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073580.D
 Acq: 14 Jun 2022 20:32

Tgt Ion:225 Resp: 122481
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.1 93.2
 227 63.1 32.4 97.0





#95

Naphthalene

Concen: 48.905 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

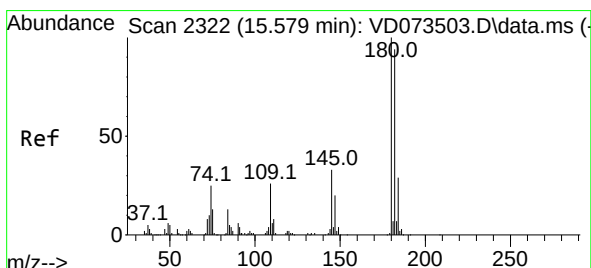
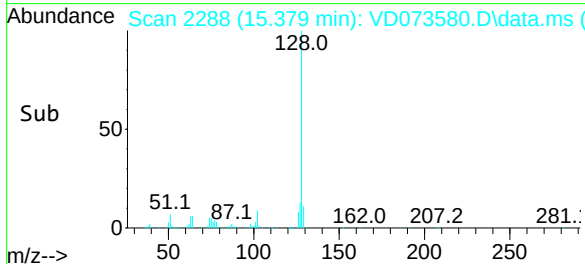
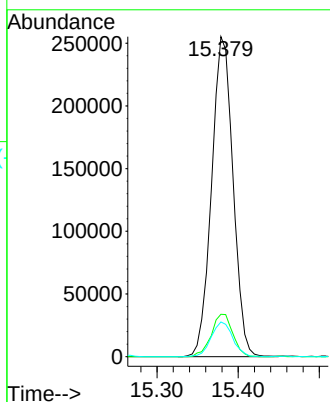
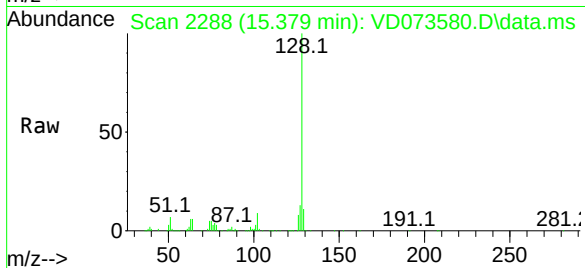
Tgt Ion:128 Resp: 468783

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.466 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD073580.D

Acq: 14 Jun 2022 20:32

Tgt Ion:180 Resp: 209202

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.9

145 35.4 17.1 51.3

