

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073793.D
 Acq On : 06 Jul 2022 15:47
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 07 04:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 07 04:53:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	116225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	222873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	207734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	120643	103.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 206.000%#	
35) Dibromofluoromethane	7.908	113	119224	97.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 194.500%#	
50) Toluene-d8	10.332	98	384334	86.252	ug/l	0.00
Spiked Amount	50.000	Range	78 - 12	Recovery	= 172.500%#	
62) 4-Bromofluorobenzene	12.620	95	165161	93.313	ug/l	0.00
Spiked Amount	50.000	Range	50 - 14	Recovery	= 186.620%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	59954	83.385	ug/l	96
3) Chloromethane	2.209	50	78816	94.138	ug/l	99
4) Vinyl Chloride	2.344	62	104656	110.178	ug/l	98
5) Bromomethane	2.744	94	70957	104.744	ug/l	94
6) Chloroethane	2.903	64	81197	115.906	ug/l	98
7) Trichlorofluoromethane	3.256	101	163991	96.850	ug/l	95
8) Diethyl Ether	3.703	74	55581	98.292	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.085	101	102202	92.098	ug/l	99
10) Methyl Iodide	4.291	142	76302	97.745	ug/l	99
11) Tert butyl alcohol	5.226	59	86045	295.386	ug/l #	85
12) 1,1-Dichloroethene	4.056	96	82586	86.992	ug/l	93
13) Acrolein	3.920	56	57488	1333.551	ug/l	99
14) Allyl chloride	4.703	41	164614	99.435	ug/l	99
15) Acrylonitrile	5.409	53	168382	540.052	ug/l	99
16) Acetone	4.156	43	125388	516.867	ug/l #	89
17) Carbon Disulfide	4.403	76	119211	79.836	ug/l	98
18) Methyl Acetate	4.714	43	73128	77.865	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	334474	106.387	ug/l	96
20) Methylene Chloride	4.956	84	122788	79.125	ug/l	93
21) trans-1,2-Dichloroethene	5.461	96	97608	90.673	ug/l	91
22) Diisopropyl ether	6.361	45	453818	107.946	ug/l	95
23) Vinyl Acetate	6.297	43	1303877	606.702	ug/l	98
24) 1,1-Dichloroethane	6.256	63	239415	101.918	ug/l	98
25) 2-Butanone	7.208	43	215728	533.625	ug/l	95
26) 2,2-Dichloropropane	7.203	77	218686	101.912	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	144123	98.250	ug/l	98
28) Bromochloromethane	7.538	49	97530	108.542	ug/l	100
29) Tetrahydrofuran	7.556	42	133303	528.309	ug/l	98
30) Chloroform	7.703	83	272276	108.482	ug/l	96
31) Cyclohexane	7.979	56	142515	78.837	ug/l	96
32) 1,1,1-Trichloroethane	7.897	97	225384	103.116	ug/l	99
36) 1,1-Dichloropropene	8.108	75	154153	91.375	ug/l	99
37) Ethyl Acetate	7.285	43	99073	108.894	ug/l	98
38) Carbon Tetrachloride	8.091	117	182443	99.516	ug/l	95
39) Methylcyclohexane	9.350	83	156190	82.524	ug/l	97
40) Benzene	8.344	78	472242	94.160	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	54326	95.063	ug/l	97
42) 1,2-Dichloroethane	8.414	62	166603	107.428	ug/l	100
43) Isopropyl Acetate	8.444	43	206328	106.412	ug/l	99
44) Trichloroethene	9.102	130	122430	92.747	ug/l	93
45) 1,2-Dichloropropane	9.379	63	143180	99.517	ug/l	99
46) Dibromomethane	9.467	93	80622	105.905	ug/l	98
47) Bromodichloromethane	9.655	83	219812	106.601	ug/l	98
48) Methyl methacrylate	9.450	41	94055	108.483	ug/l	98
49) 1,4-Dioxane	9.450	88	22322	2176.850	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	548221	551.711	ug/l	100
52) Toluene	10.397	92	326452	97.562	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	208630	103.646	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	224617	99.199	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	116490	102.923	ug/l	93
56) Ethyl methacrylate	10.655	69	156421	104.647	ug/l	96
57) 1,3-Dichloropropane	10.938	76	198745	104.107	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	298324	498.945	ug/l	99
59) 2-Hexanone	10.973	43	370226	548.752	ug/l	99
60) Dibromochloromethane	11.132	129	146734	106.253	ug/l	99
61) 1,2-Dibromoethane	11.238	107	108489	104.296	ug/l	93
64) Tetrachloroethene	10.867	164	87982	83.009	ug/l	94
65) Chlorobenzene	11.661	112	371763	96.354	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	150109	102.823	ug/l	100
67) Ethyl Benzene	11.732	91	687532	97.420	ug/l	99
68) m/p-Xylenes	11.844	106	519508	193.174	ug/l	98
69) o-Xylene	12.173	106	253477	96.516	ug/l	97
70) Styrene	12.185	104	453030	100.144	ug/l	99
71) Bromoform	12.349	173	80839	104.985	ug/l #	97
73) Isopropylbenzene	12.467	105	706194	94.130	ug/l	100
74) N-amyl acetate	12.279	43	208487	101.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	149475	98.748	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	189139	201.717	ug/l #	100
77) Bromobenzene	12.749	156	144886	94.357	ug/l	99
78) n-propylbenzene	12.808	91	869168	92.717	ug/l	100
79) 2-Chlorotoluene	12.896	91	497215	94.521	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	587353	93.924	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	46864	95.989	ug/l	97
82) 4-Chlorotoluene	12.991	91	528610	96.501	ug/l	99
83) tert-Butylbenzene	13.208	119	535185	96.374	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	585410	94.888	ug/l	100
85) sec-Butylbenzene	13.385	105	795389	93.317	ug/l	99
86) p-Isopropyltoluene	13.502	119	643933	94.268	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	307681	95.666	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	307915	96.053	ug/l	98
89) n-Butylbenzene	13.826	91	635219	92.165	ug/l	100
90) Hexachloroethane	14.096	117	128636	94.191	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	276922	96.820	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	25420	100.396	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	156017	92.691	ug/l	98
94) Hexachlorobutadiene	15.249	225	71747	86.328	ug/l	99
95) Naphthalene	15.379	128	367335	97.710	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	138803	94.254	ug/l	98

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QLast Update : Thu Jul 07 04:53:08 2022
Response via : Initial Calibration

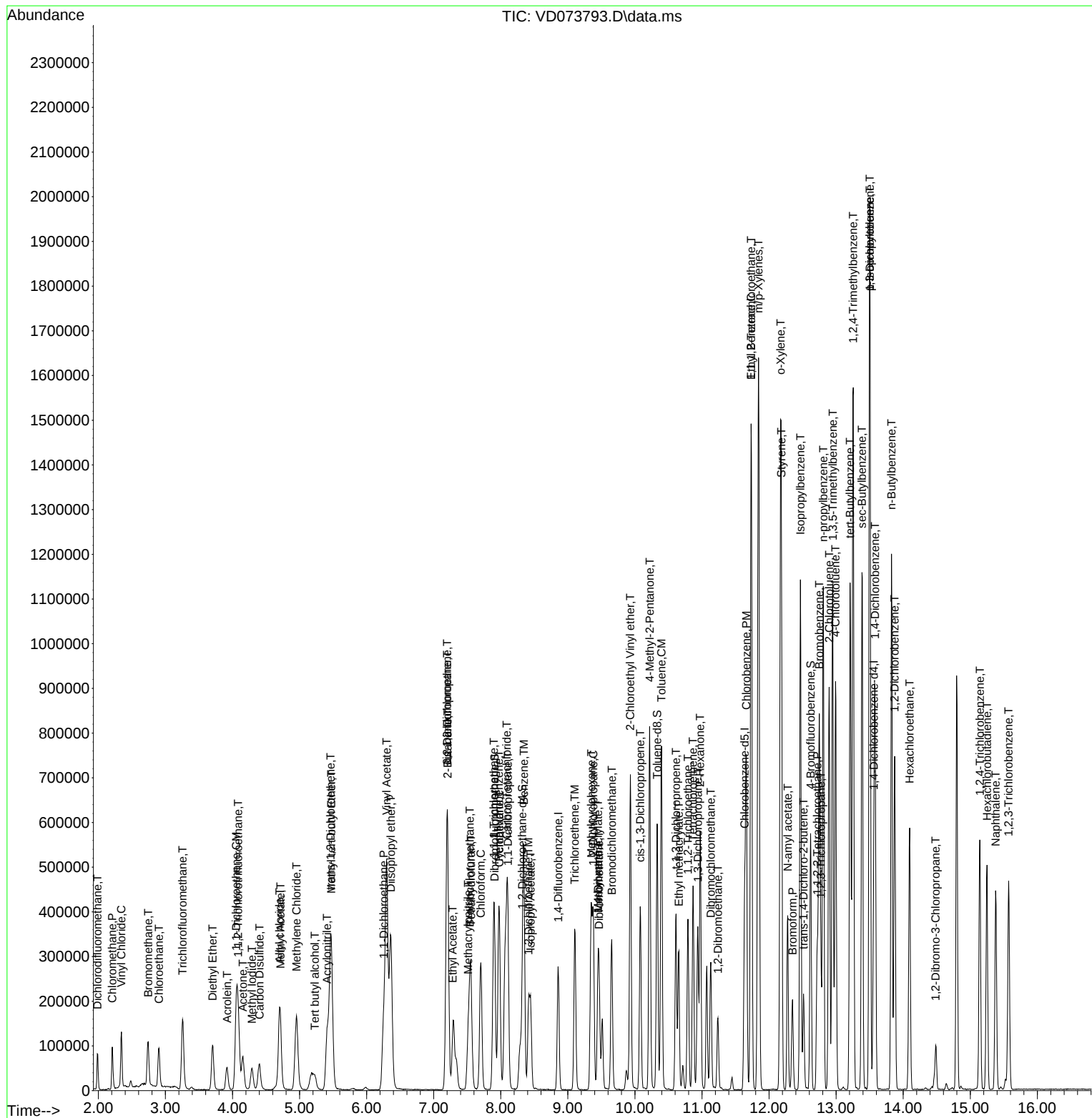
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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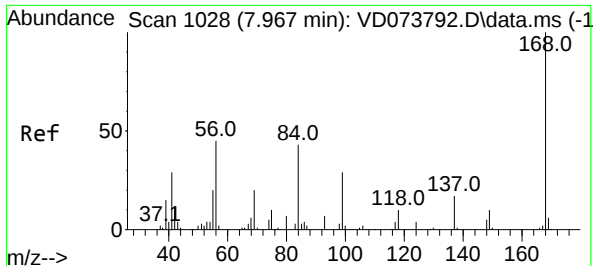
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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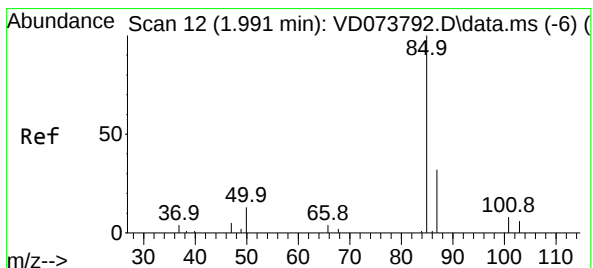
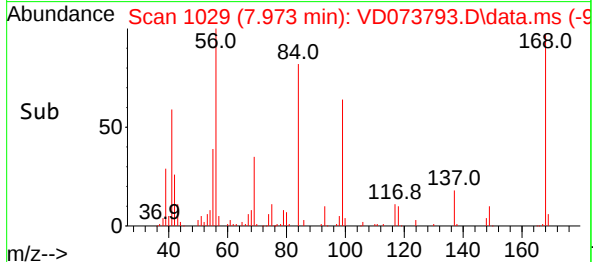
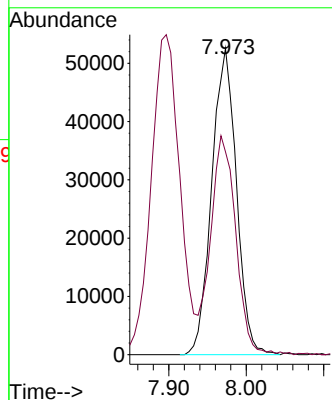
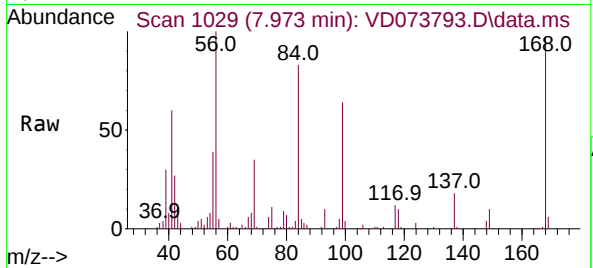




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.006 min
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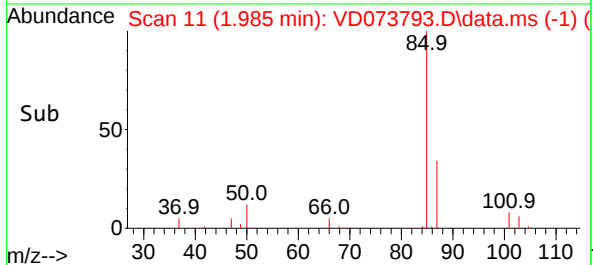
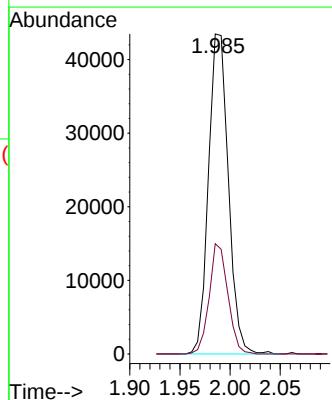
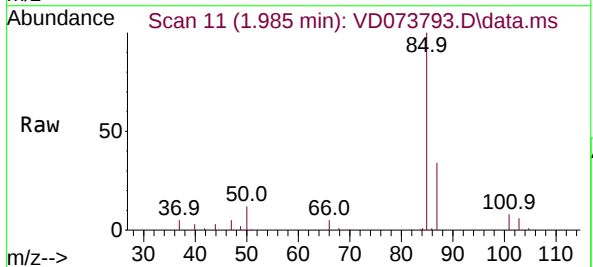
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

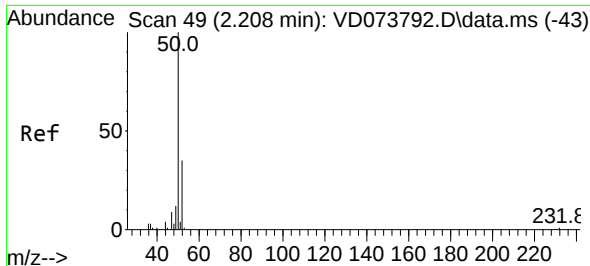
Tgt Ion:168 Resp: 116225
Ion Ratio Lower Upper
168 100
99 65.3 58.4 87.6



#2
Dichlorodifluoromethane
Concen: 83.385 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 85 Resp: 59954
Ion Ratio Lower Upper
85 100
87 34.4 16.2 48.5

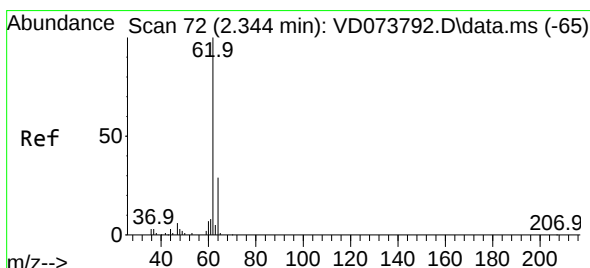
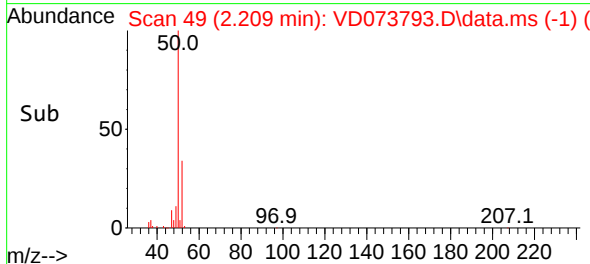
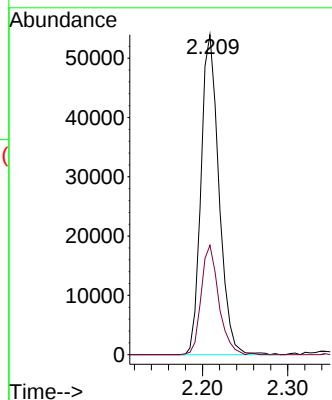
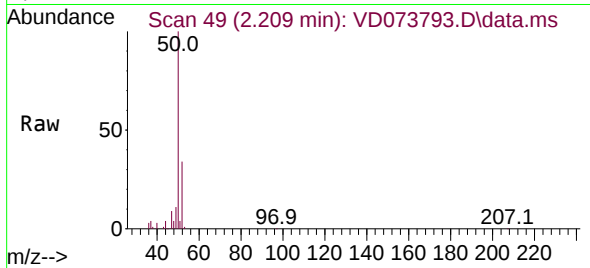




#3
Chloromethane
Concen: 94.138 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

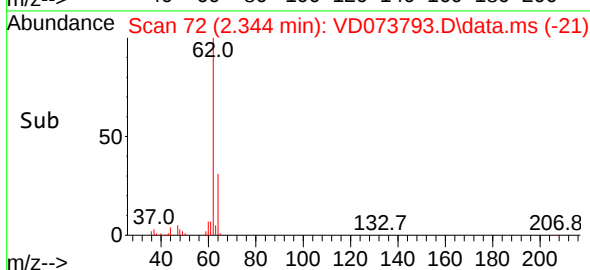
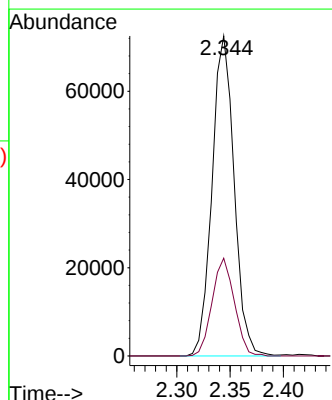
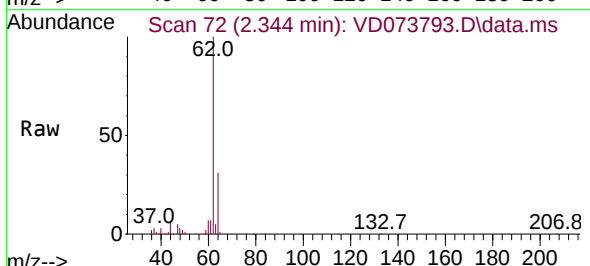
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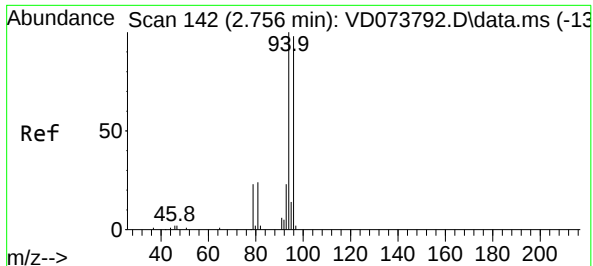
Tgt Ion: 50 Resp: 78816
Ion Ratio Lower Upper
50 100
52 34.2 27.8 41.6



#4
Vinyl Chloride
Concen: 110.178 ug/l
RT: 2.344 min Scan# 72
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 62 Resp: 104656
Ion Ratio Lower Upper
62 100
64 30.5 23.4 35.2

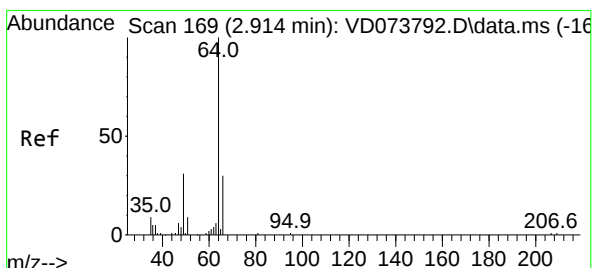
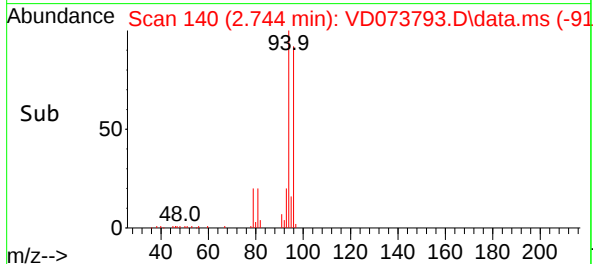
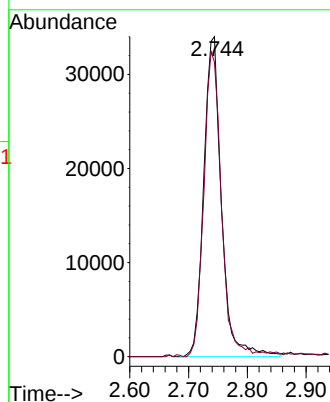
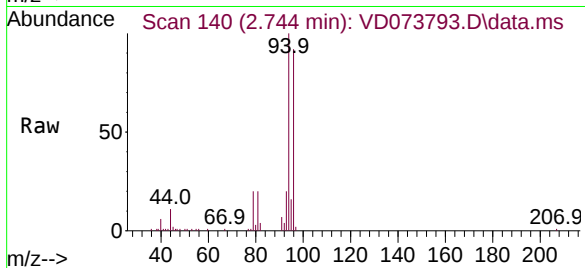




#5
Bromomethane
Concen: 104.744 ug/l
RT: 2.744 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD073793.D
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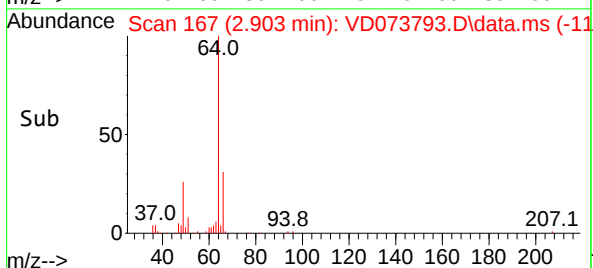
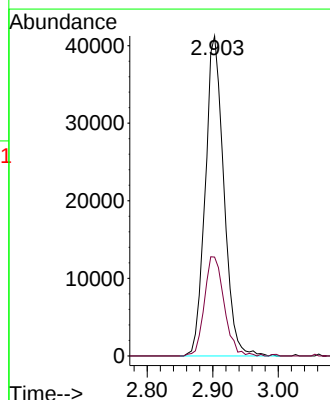
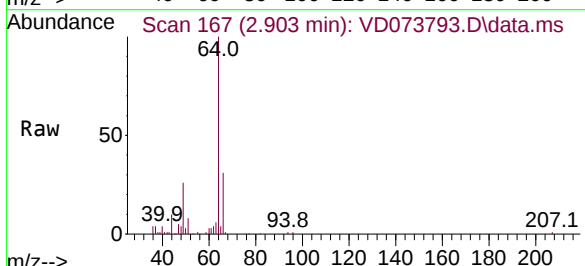
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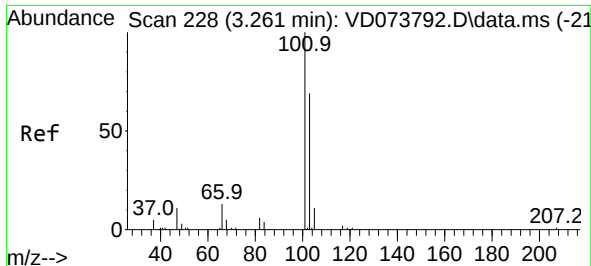
Tgt Ion: 94 Resp: 70957
Ion Ratio Lower Upper
94 100
96 91.6 78.3 117.5



#6
Chloroethane
Concen: 115.906 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.012 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 64 Resp: 81197
Ion Ratio Lower Upper
64 100
66 30.9 23.7 35.5

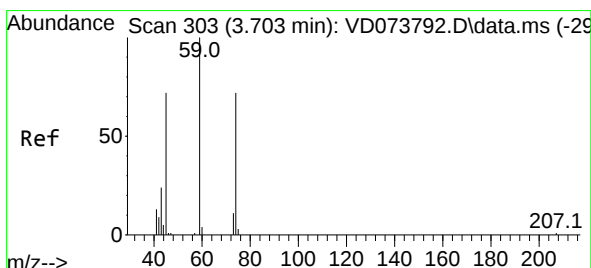
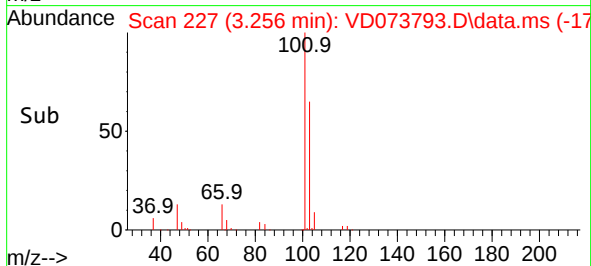
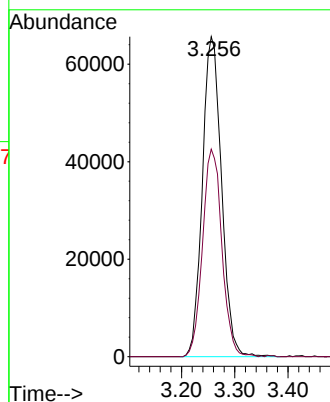
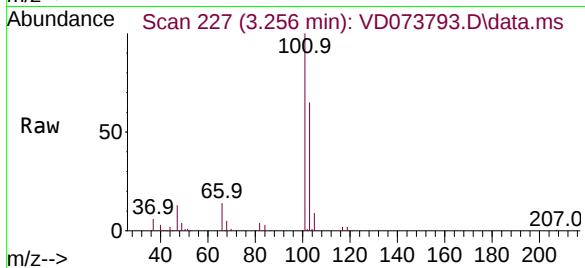




#7
Trichlorofluoromethane
Concen: 96.850 ug/l
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

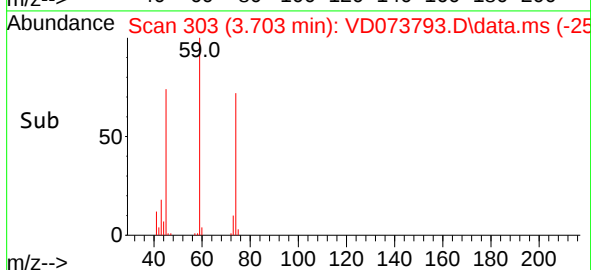
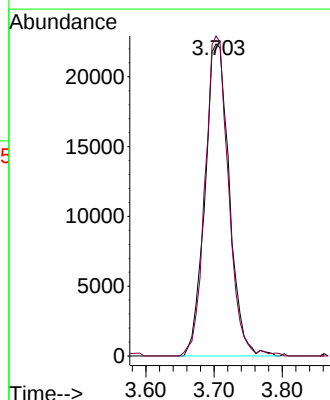
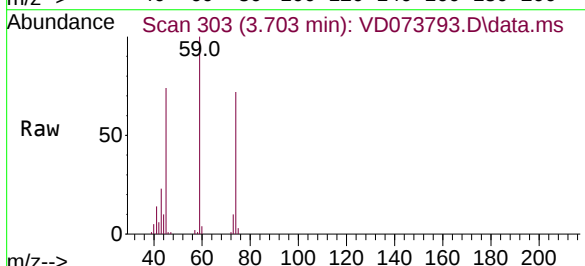
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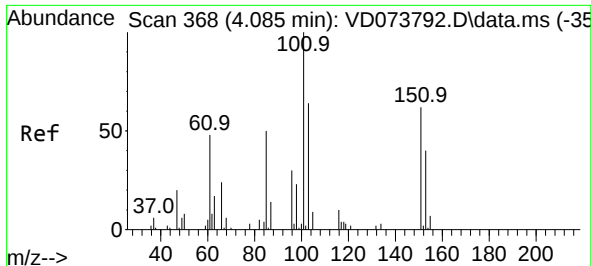
Tgt Ion:101 Resp: 163991
Ion Ratio Lower Upper
101 100
103 64.9 55.4 83.2



#8
Diethyl Ether
Concen: 98.292 ug/l
RT: 3.703 min Scan# 303
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 74 Resp: 55581
Ion Ratio Lower Upper
74 100
45 97.6 51.1 153.3

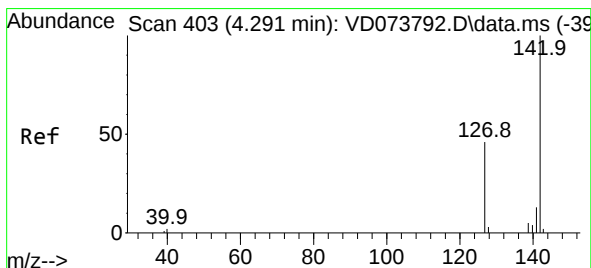
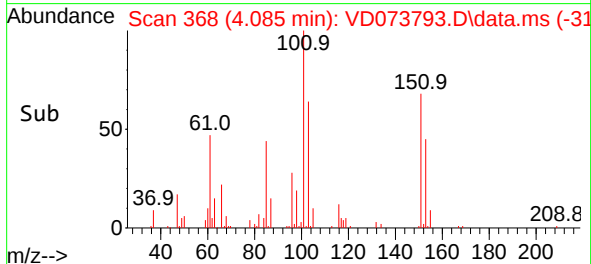
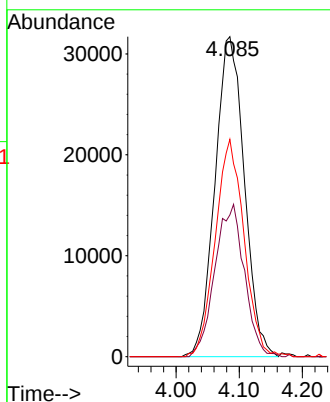
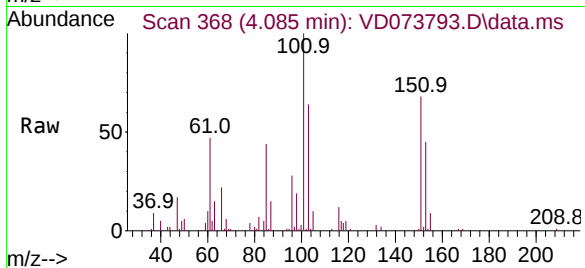




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.098 ug/l
RT: 4.085 min Scan# 368
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

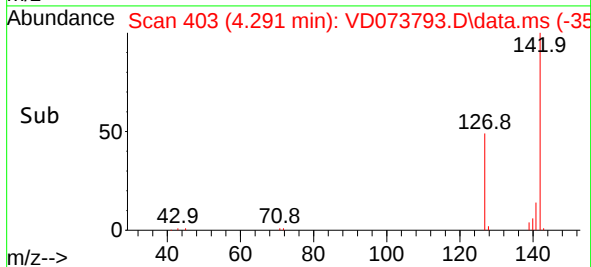
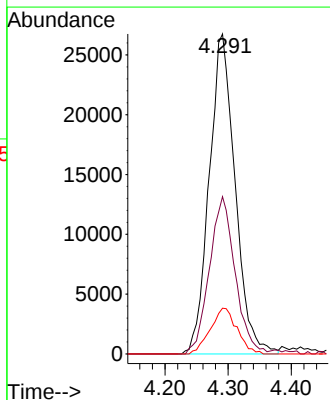
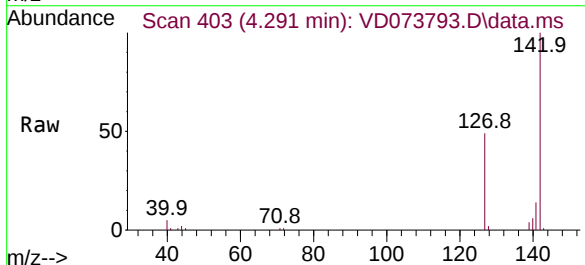
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

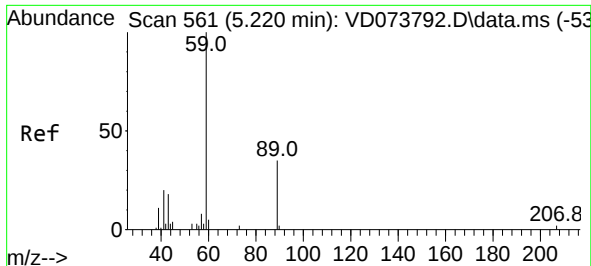
Tgt Ion:101 Resp: 102202
Ion Ratio Lower Upper
101 100
85 47.8 38.8 58.2
151 66.7 54.4 81.6



#10
Methyl Iodide
Concen: 97.745 ug/l
RT: 4.291 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion:142 Resp: 76302
Ion Ratio Lower Upper
142 100
127 48.8 39.7 59.5
141 14.8 11.1 16.7

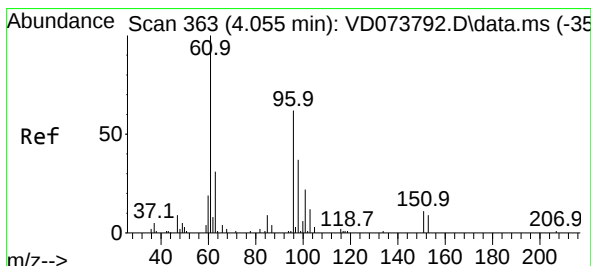
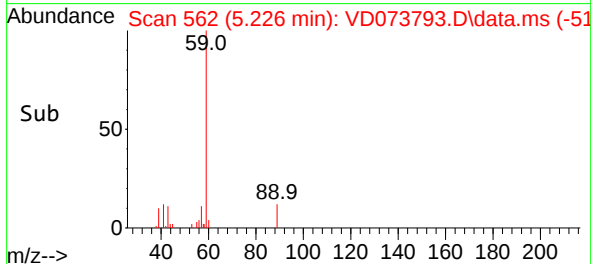
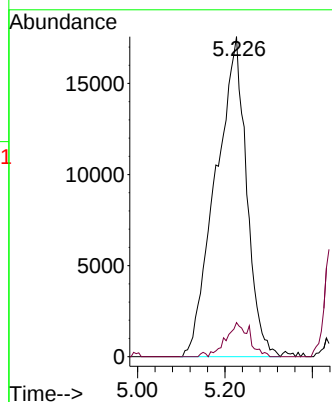
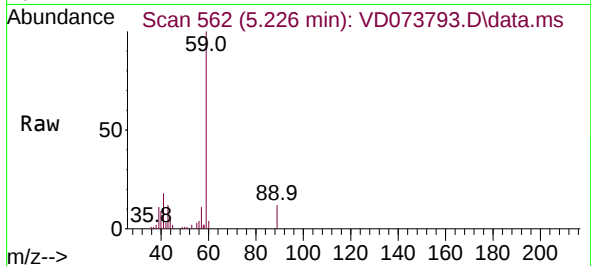




#11
Tert butyl alcohol
Concen: 295.386 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

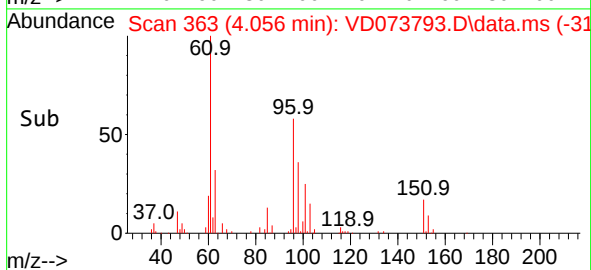
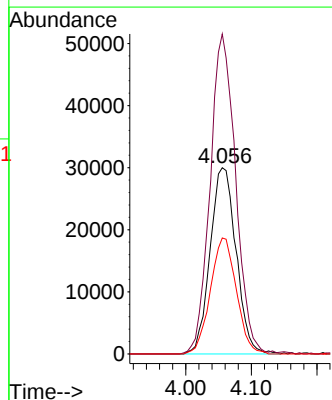
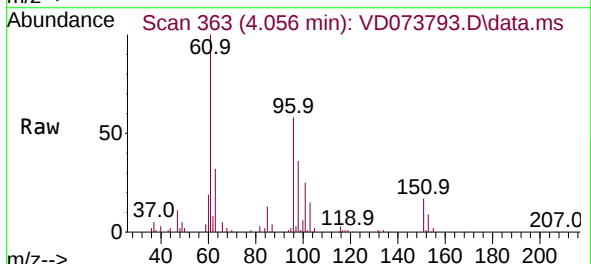
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

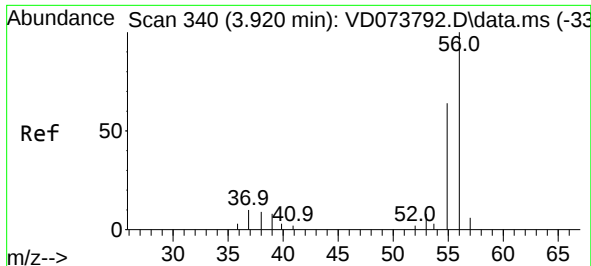
Tgt Ion: 59 Resp: 86045
Ion Ratio Lower Upper
59 100
57 8.0 2.4 3.6#



#12
1,1-Dichloroethene
Concen: 86.992 ug/l
RT: 4.056 min Scan# 363
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 96 Resp: 82586
Ion Ratio Lower Upper
96 100
61 171.8 129.3 193.9
98 62.3 47.4 71.2

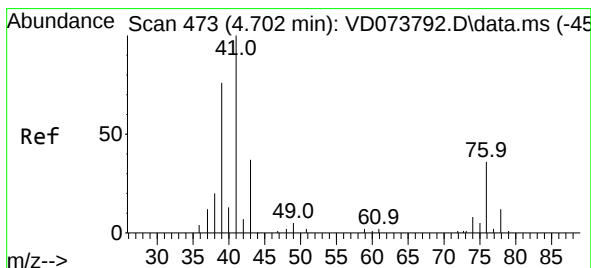
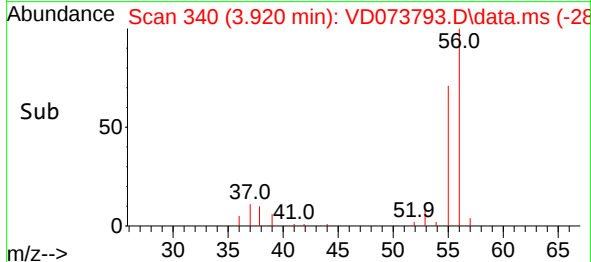
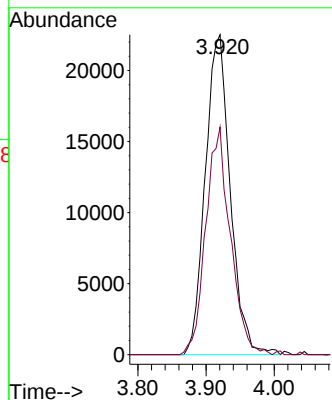
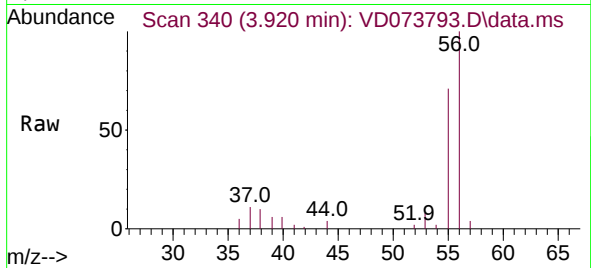




#13
Acrolein
Concen: 1333.551 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

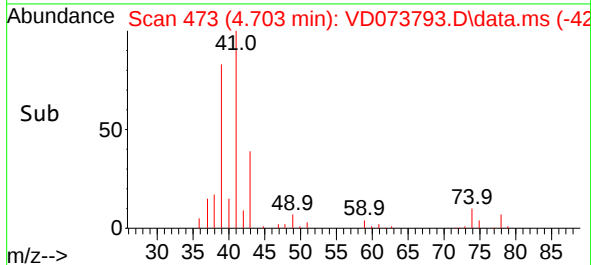
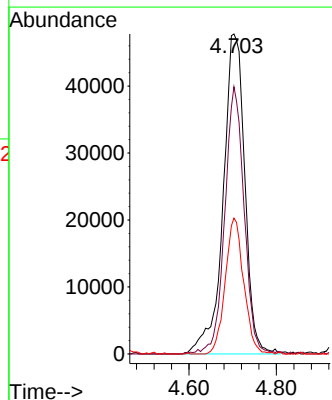
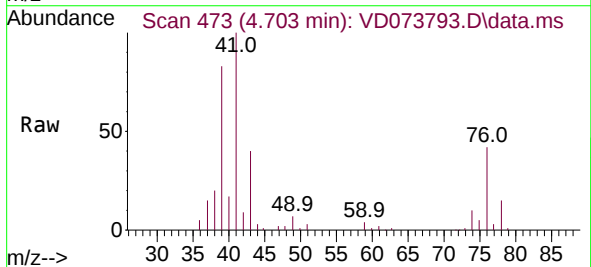
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

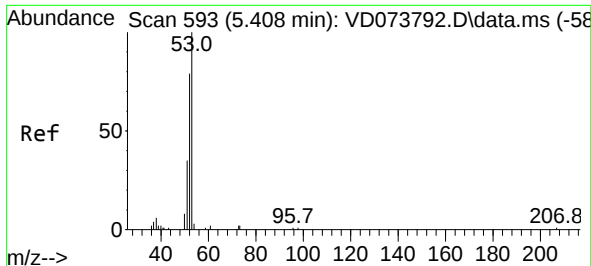
Tgt Ion: 56 Resp: 57488
Ion Ratio Lower Upper
56 100
55 69.9 55.4 83.2



#14
Allyl chloride
Concen: 99.435 ug/l
RT: 4.703 min Scan# 473
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 41 Resp: 164614
Ion Ratio Lower Upper
41 100
39 74.5 59.8 89.8
76 36.2 28.4 42.6



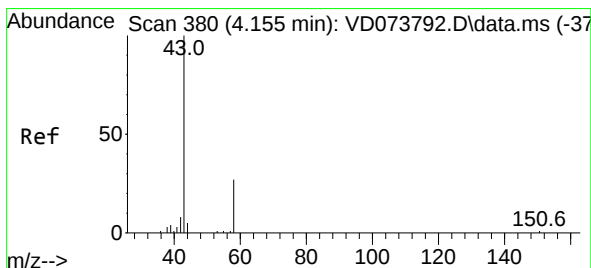
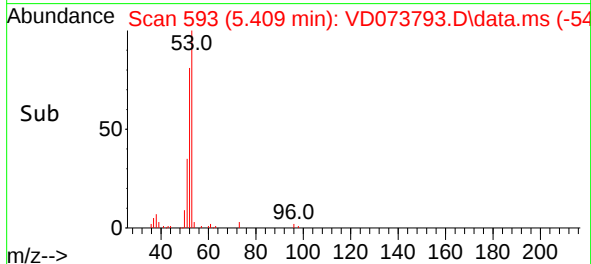
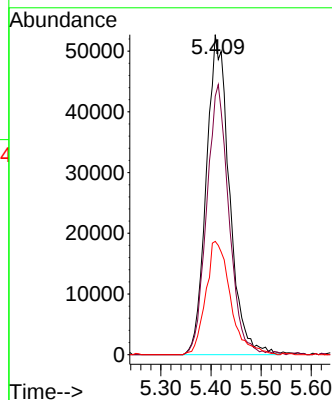
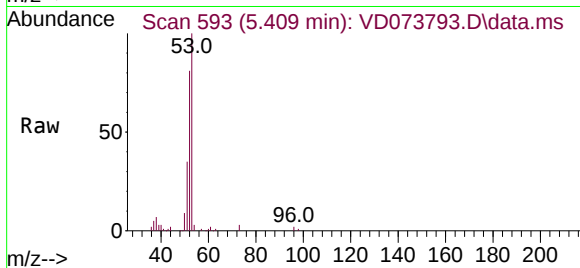


#15
Acrylonitrile
Concen: 540.052 ug/l
RT: 5.409 min Scan# 593
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 168382

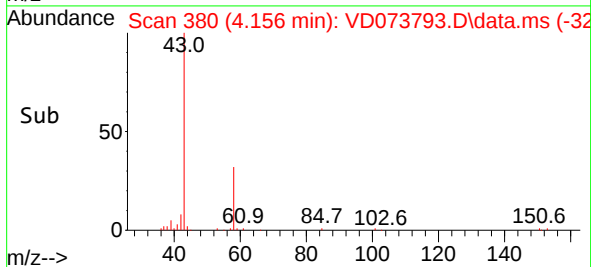
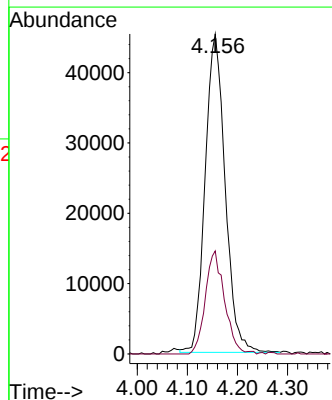
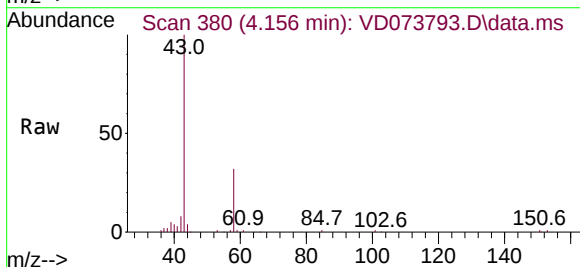
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.9	98.9
51	38.0	29.7	44.5

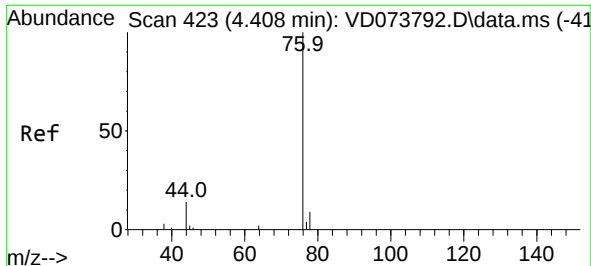


#16
Acetone
Concen: 516.867 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 43 Resp: 125388

Ion	Ratio	Lower	Upper
43	100		
58	32.3	21.3	31.9

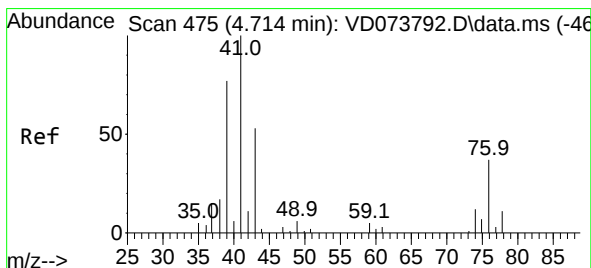
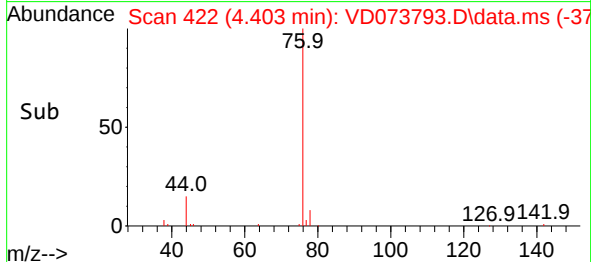
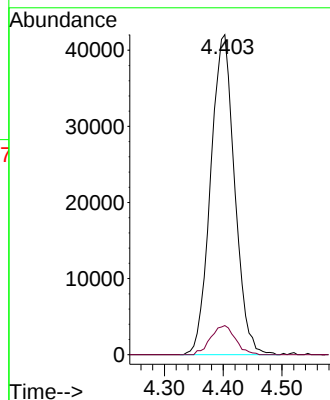
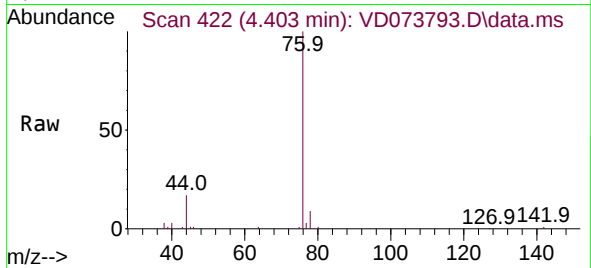




#17
Carbon Disulfide
Concen: 79.836 ug/l
RT: 4.403 min Scan# 417
Delta R.T. -0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

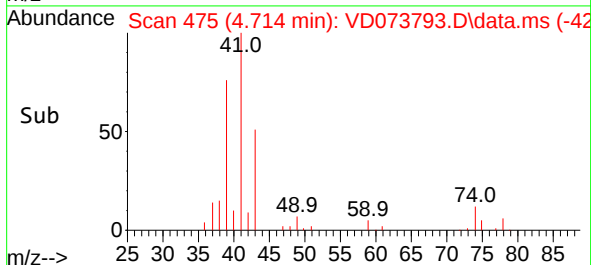
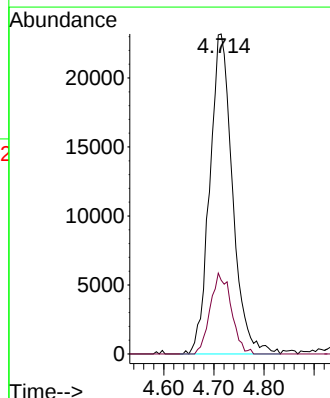
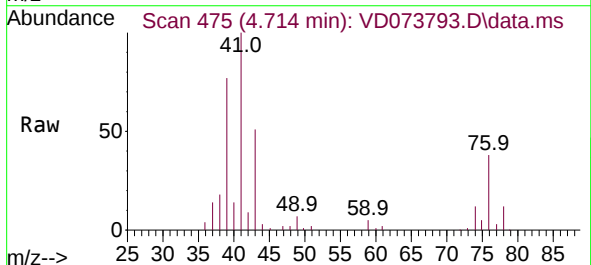
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

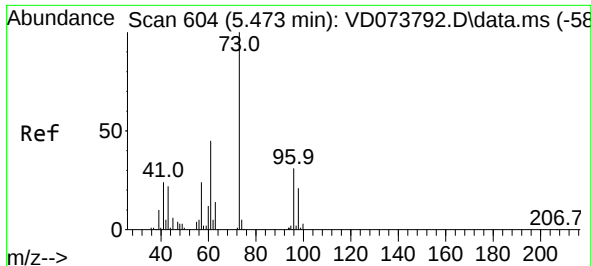
Tgt Ion: 76 Resp: 119211
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 77.865 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 43 Resp: 73128
Ion Ratio Lower Upper
43 100
74 23.3 18.3 27.5

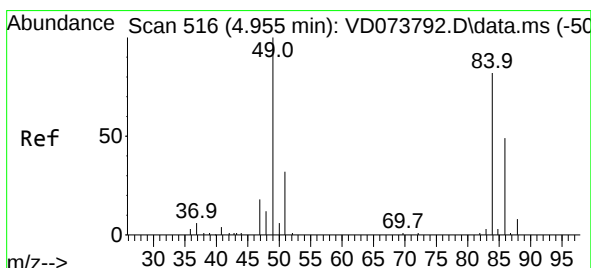
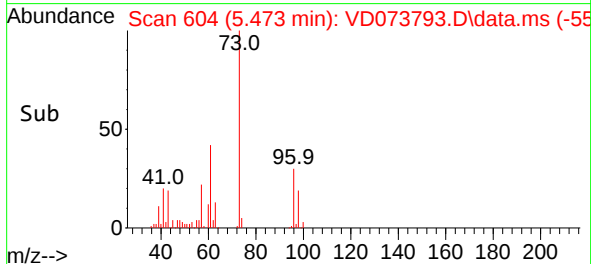
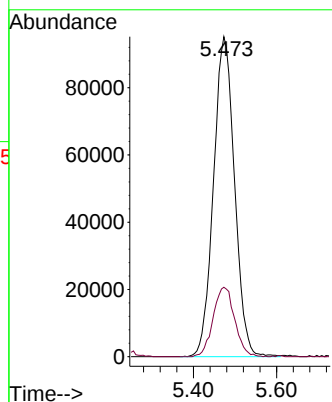
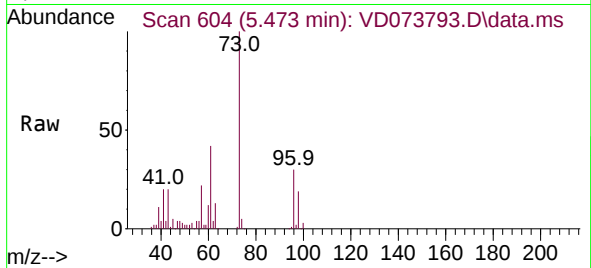




#19
Methyl tert-butyl Ether
Concen: 106.387 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

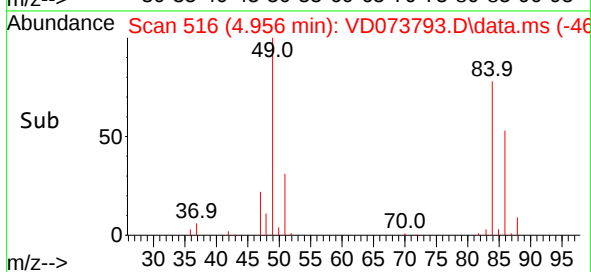
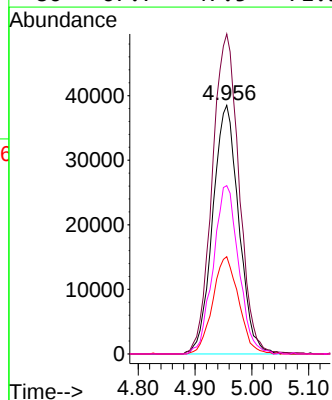
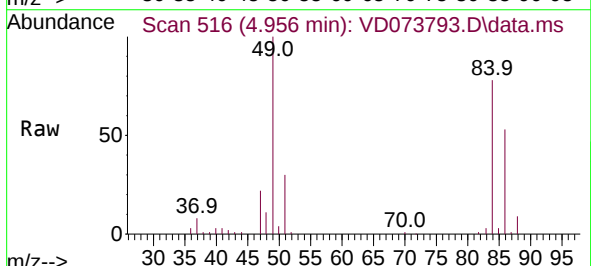
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

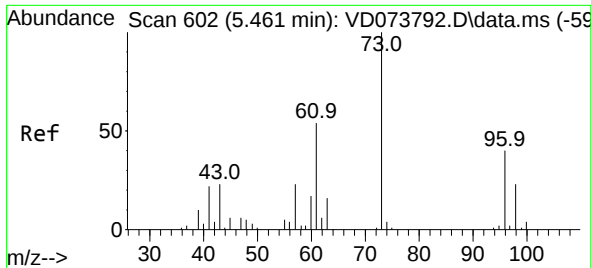
Tgt Ion: 73 Resp: 334474
Ion Ratio Lower Upper
73 100
57 21.7 19.0 28.6



#20
Methylene Chloride
Concen: 79.125 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 84 Resp: 122788
Ion Ratio Lower Upper
84 100
49 128.7 97.4 146.2
51 39.1 30.8 46.2
86 67.7 47.5 71.3

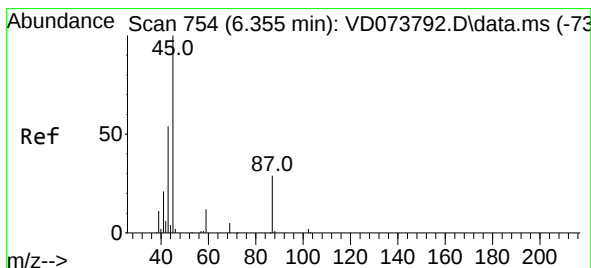
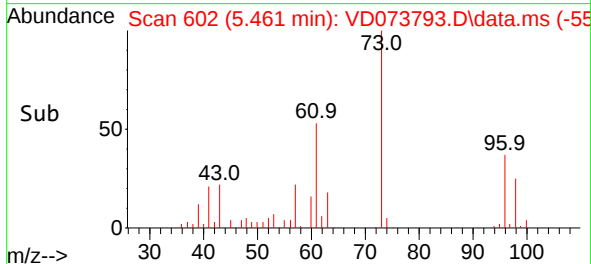
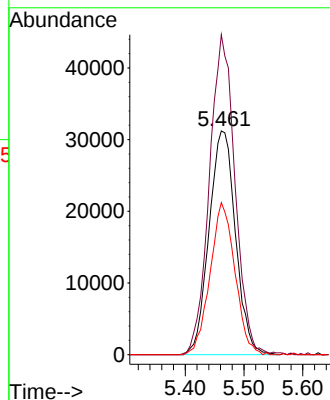
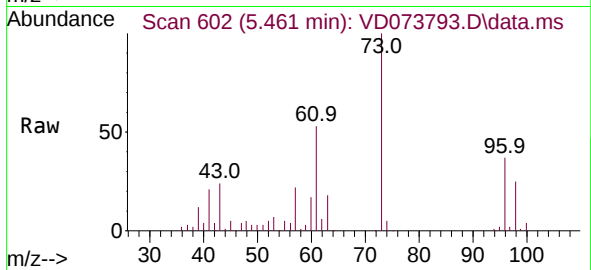




#21
trans-1,2-Dichloroethene
Concen: 90.673 ug/l
RT: 5.461 min Scan# 602
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

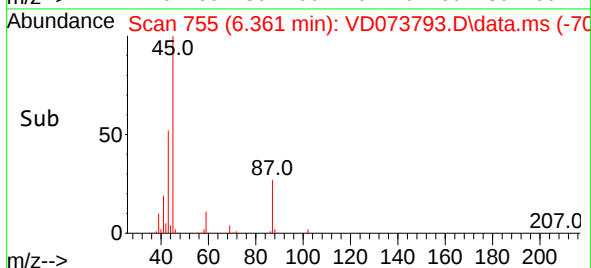
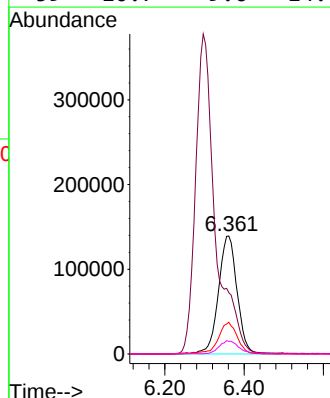
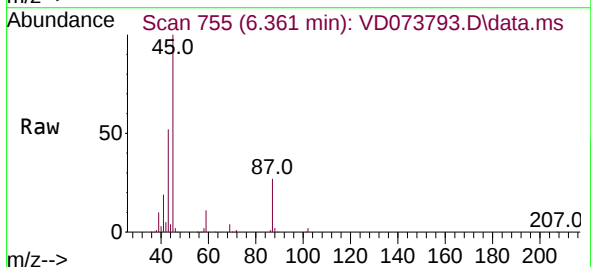
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

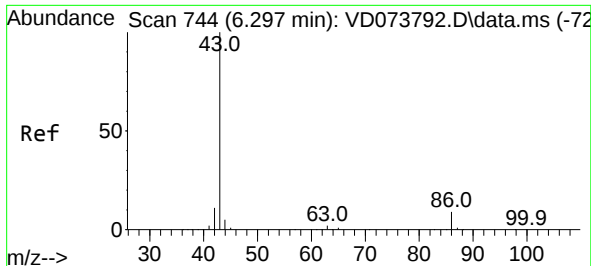
Tgt Ion: 96 Resp: 97608
Ion Ratio Lower Upper
96 100
61 143.0 108.2 162.2
98 67.9 45.4 68.0



#22
Diisopropyl ether
Concen: 107.946 ug/l
RT: 6.361 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 45 Resp: 453818
Ion Ratio Lower Upper
45 100
43 51.2 44.6 67.0
87 26.8 23.2 34.8
59 10.7 9.6 14.4

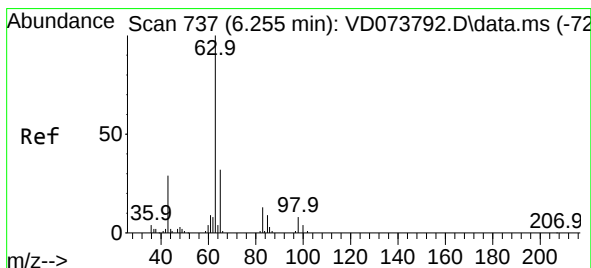
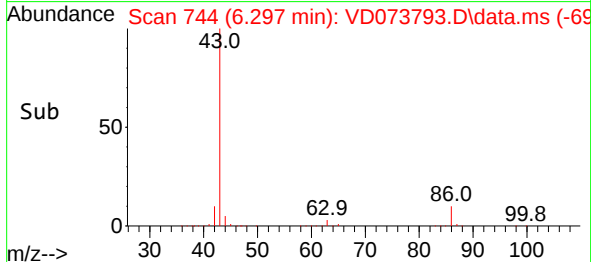
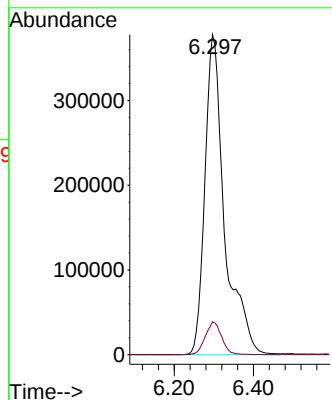
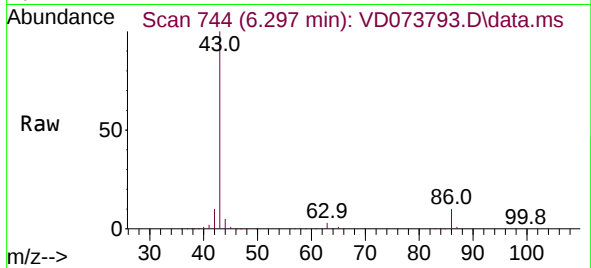




#23
 Vinyl Acetate
 Concen: 606.702 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: VD073793.D
 Acq: 06 Jul 2022 15:47

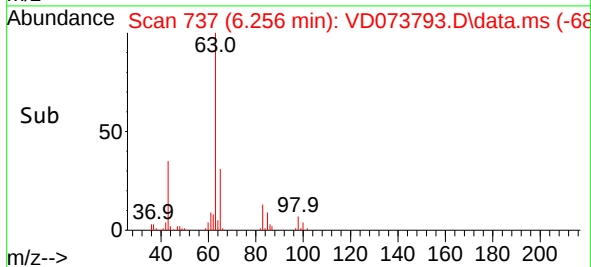
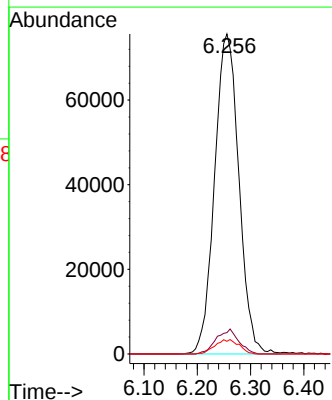
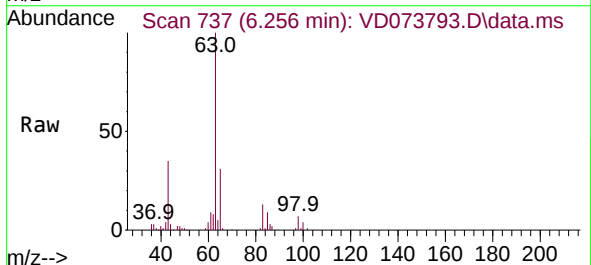
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

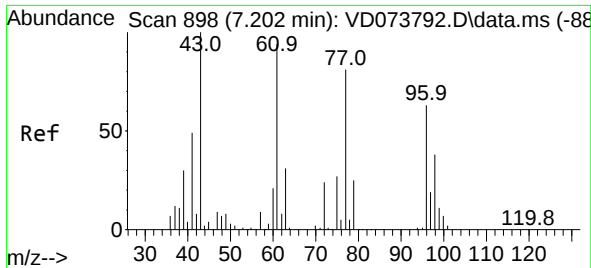
Tgt Ion: 43 Resp: 1303877
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 101.918 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VD073793.D
 Acq: 06 Jul 2022 15:47

Tgt Ion: 63 Resp: 239415
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.5
 100 4.0 2.2 6.6

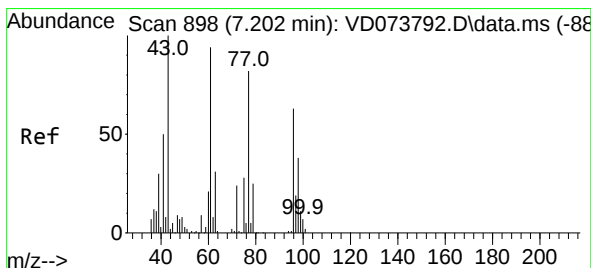
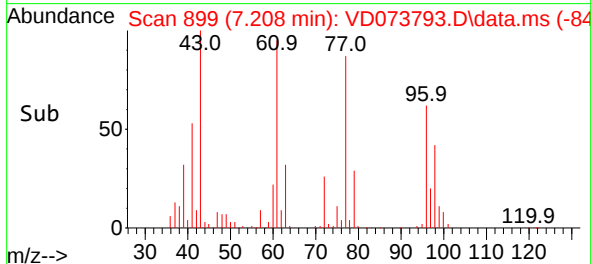
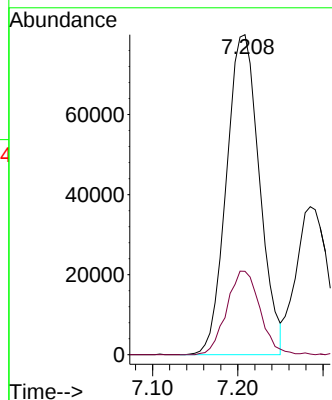
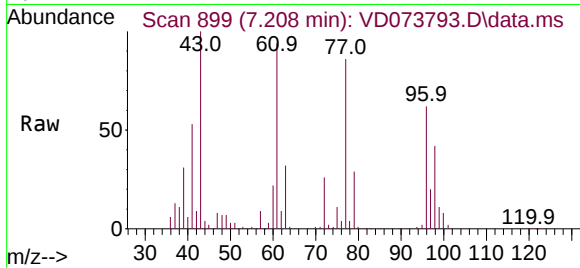




#25
2-Butanone
Concen: 533.625 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

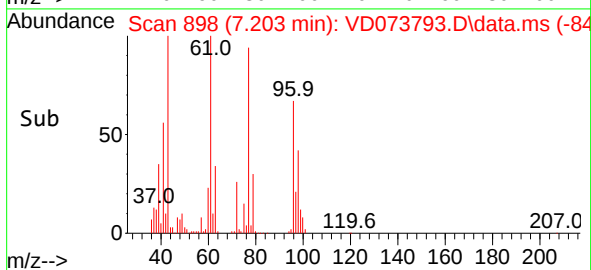
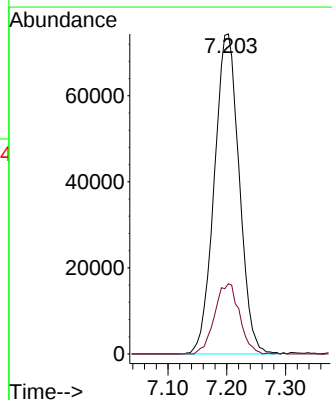
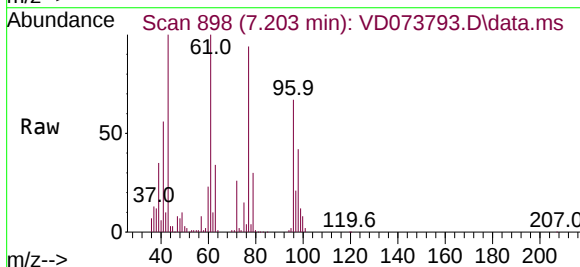
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

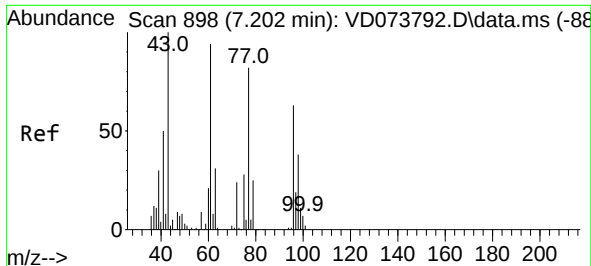
Tgt Ion: 43 Resp: 215728
Ion Ratio Lower Upper
43 100
72 26.0 18.8 28.2



#26
2,2-Dichloropropane
Concen: 101.912 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 77 Resp: 218686
Ion Ratio Lower Upper
77 100
97 21.9 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 98.250 ug/l

RT: 7.203 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

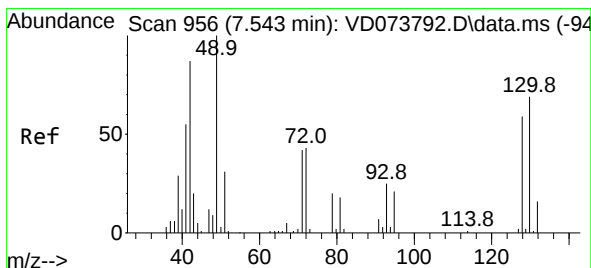
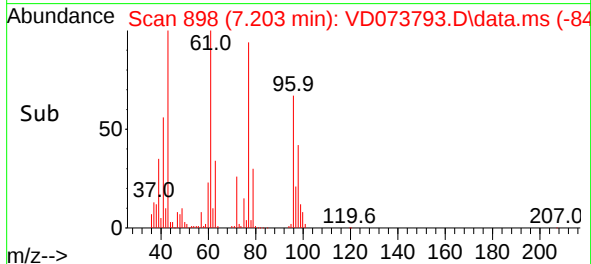
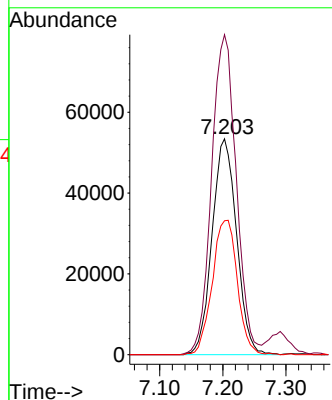
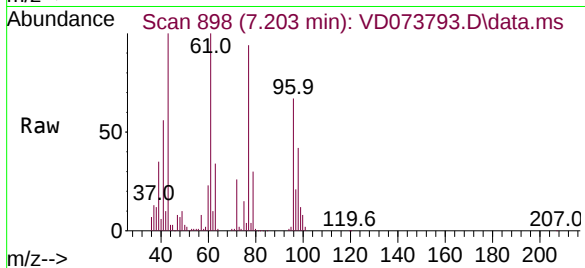
Tgt Ion: 96 Resp: 144123

Ion Ratio Lower Upper

96 100

61 149.5 0.0 303.2

98 63.6 0.0 125.2



#28

Bromochloromethane

Concen: 108.542 ug/l

RT: 7.538 min Scan# 955

Delta R.T. -0.006 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

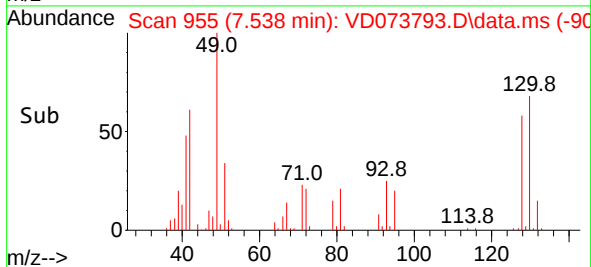
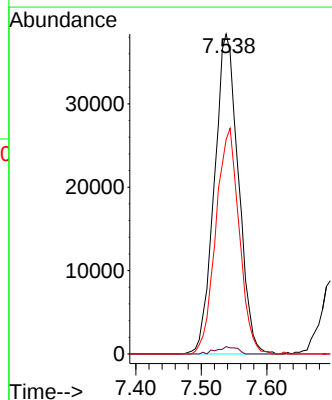
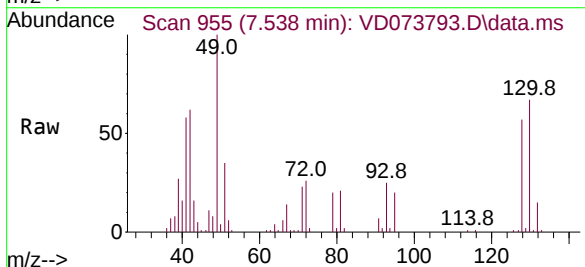
Tgt Ion: 49 Resp: 97530

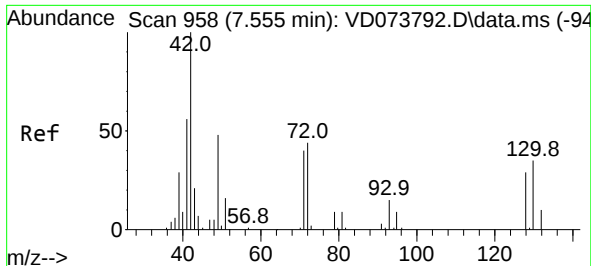
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

130 68.7 55.2 82.8





#29

Tetrahydrofuran

Concen: 528.309 ug/l

RT: 7.556 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

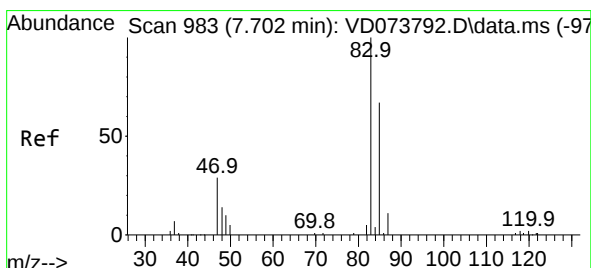
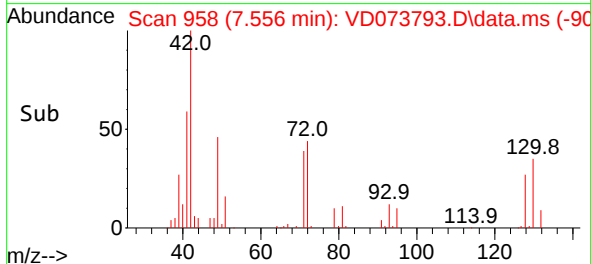
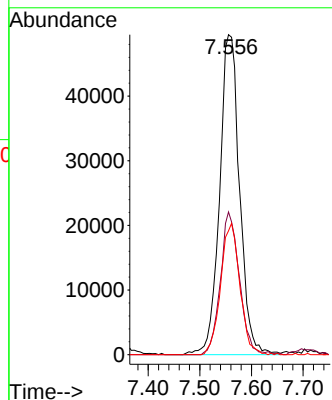
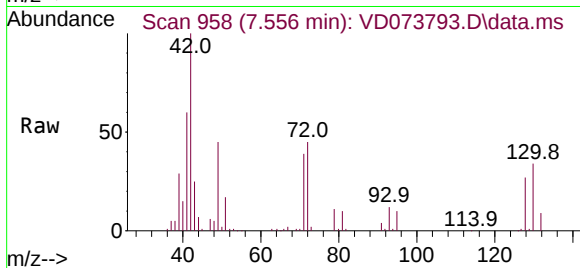
Tgt Ion: 42 Resp: 133303

Ion Ratio Lower Upper

42 100

72 42.3 34.6 52.0

71 39.3 33.0 49.6



#30

Chloroform

Concen: 108.482 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.000 min

Lab File: VD073793.D

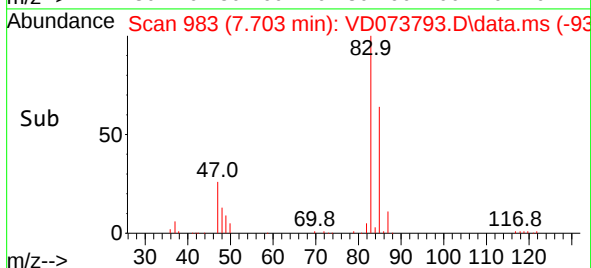
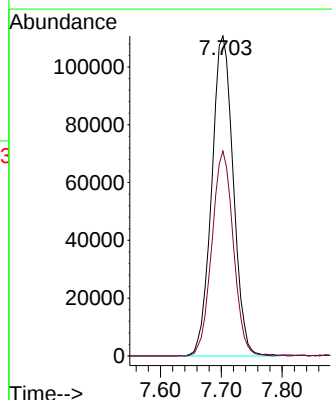
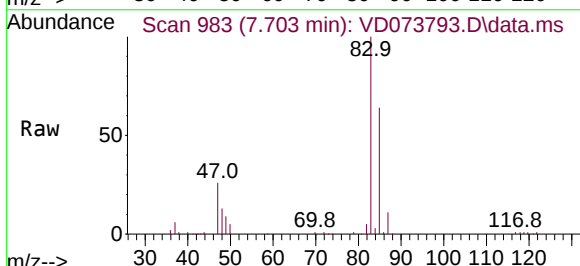
Acq: 06 Jul 2022 15:47

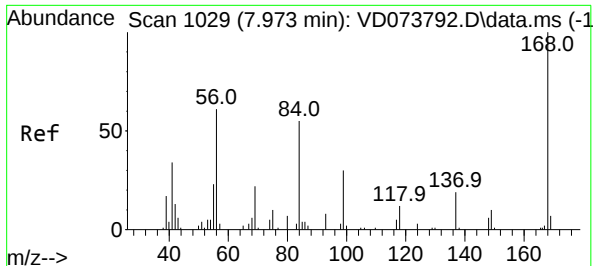
Tgt Ion: 83 Resp: 272276

Ion Ratio Lower Upper

83 100

85 63.8 53.4 80.0

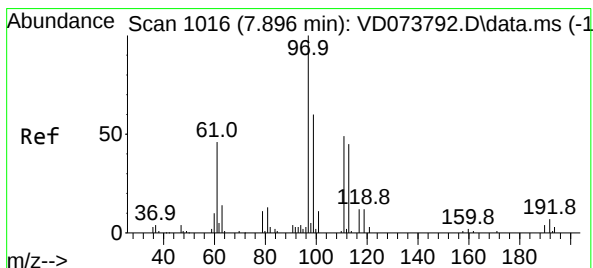
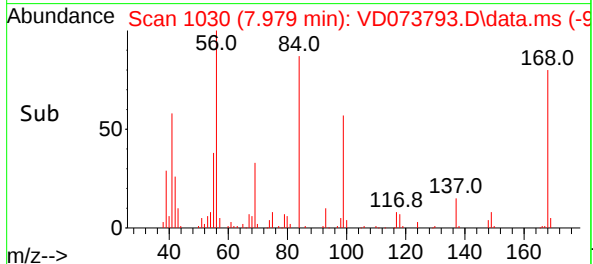
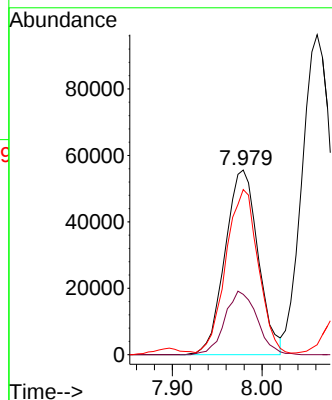
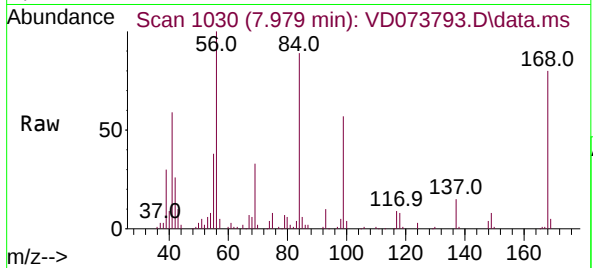




#31
Cyclohexane
Concen: 78.837 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

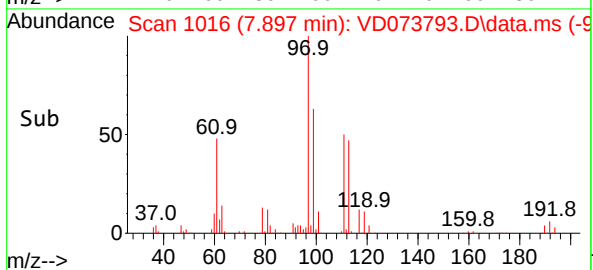
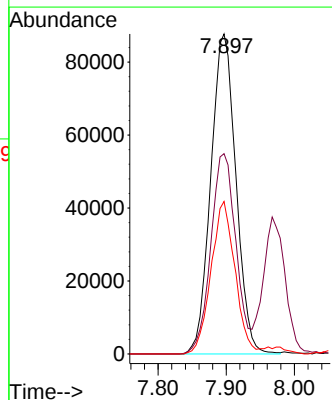
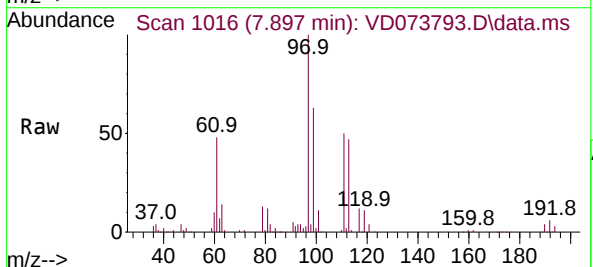
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

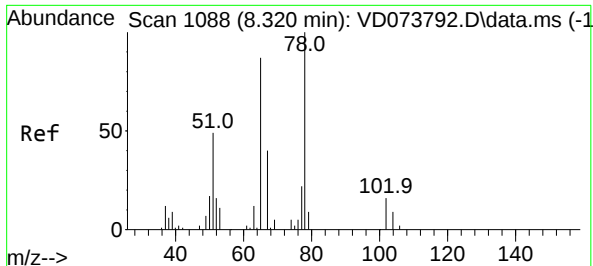
Tgt Ion: 56 Resp: 142515
Ion Ratio Lower Upper
56 100
69 32.6 29.4 44.2
84 87.5 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 103.116 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 97 Resp: 225384
Ion Ratio Lower Upper
97 100
99 62.9 49.8 74.8
61 45.5 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 103.003 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

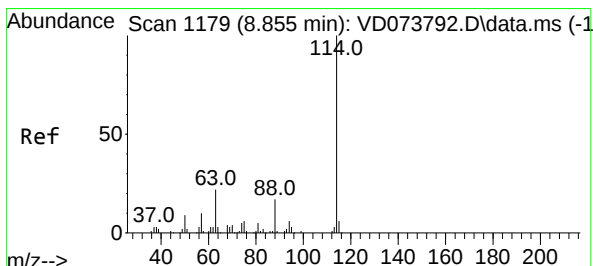
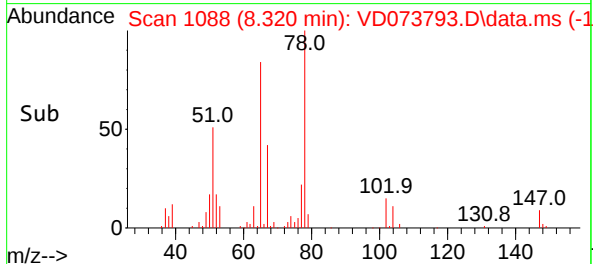
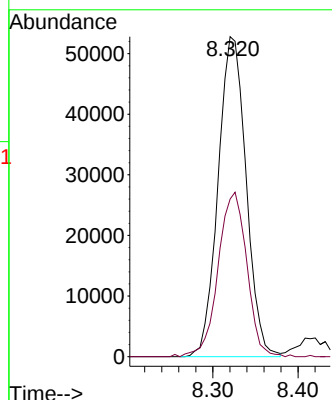
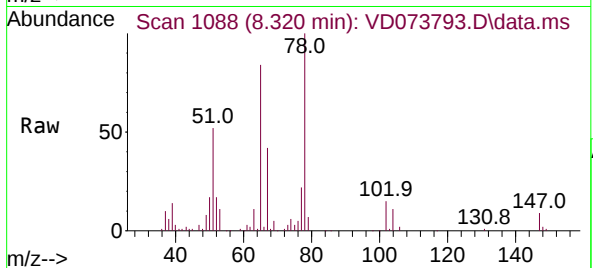
VSTDIC100

Tgt Ion: 65 Resp: 120643

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

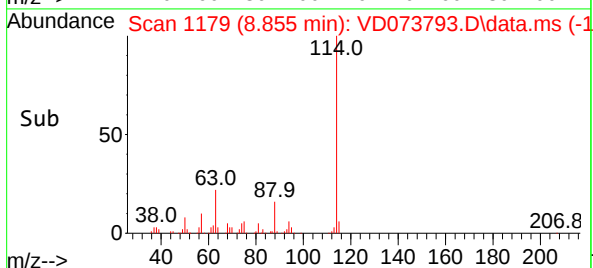
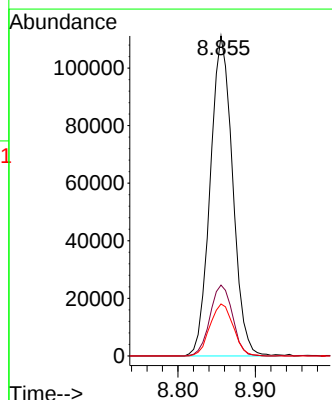
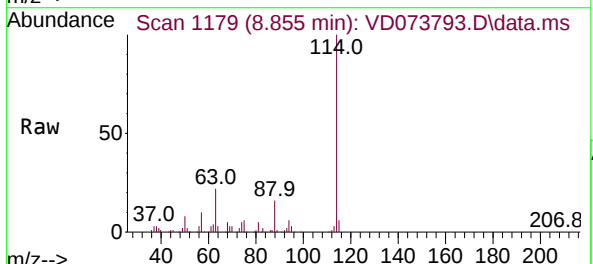
Tgt Ion: 114 Resp: 222873

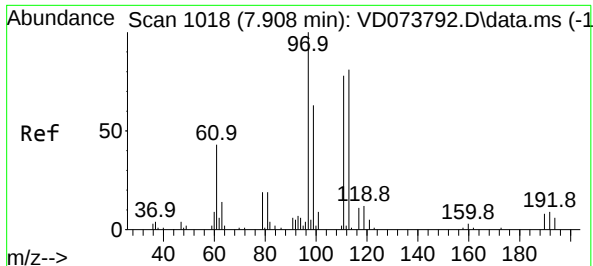
Ion Ratio Lower Upper

114 100

63 22.2 0.0 44.2

88 16.2 0.0 33.6





#35

Dibromofluoromethane

Concen: 97.252 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

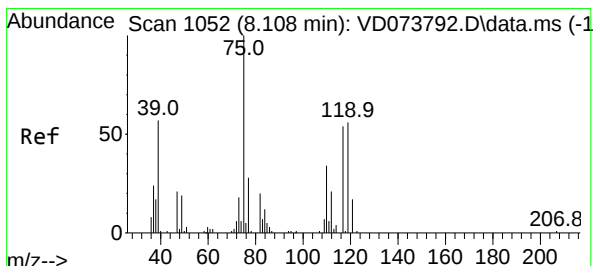
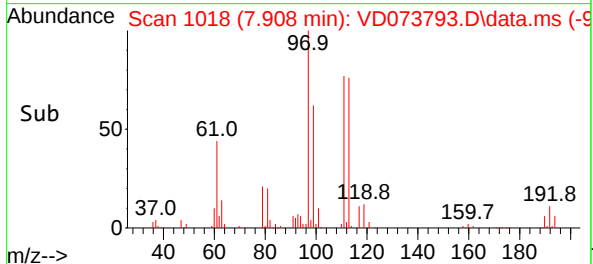
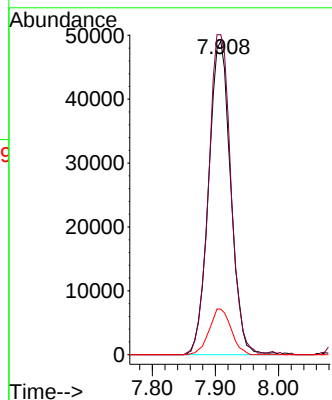
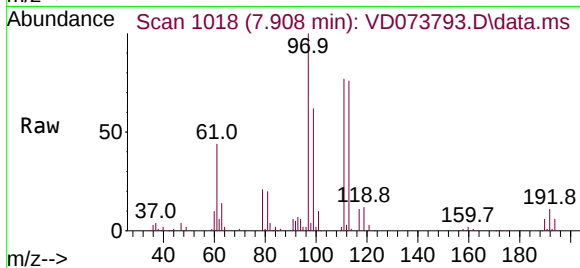
Tgt Ion:113 Resp: 119224

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

192 14.5 11.7 17.5



#36

1,1-Dichloropropene

Concen: 91.375 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

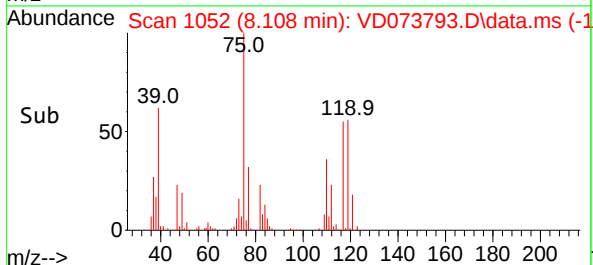
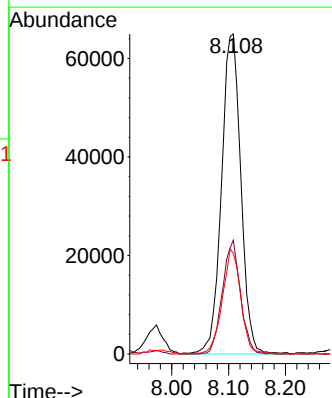
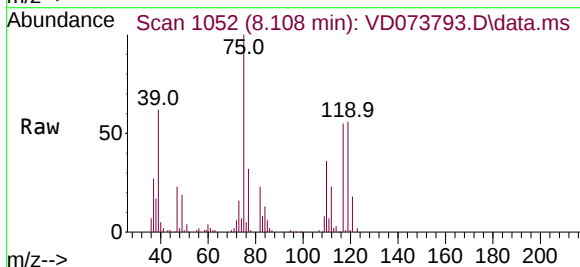
Tgt Ion: 75 Resp: 154153

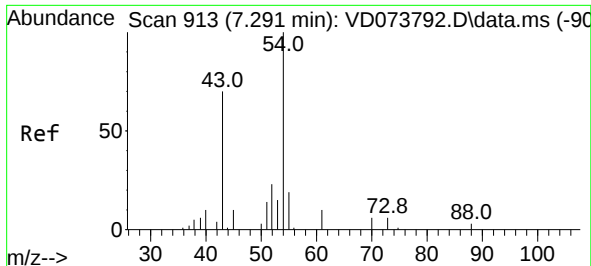
Ion Ratio Lower Upper

75 100

110 33.1 16.9 50.7

77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 108.894 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

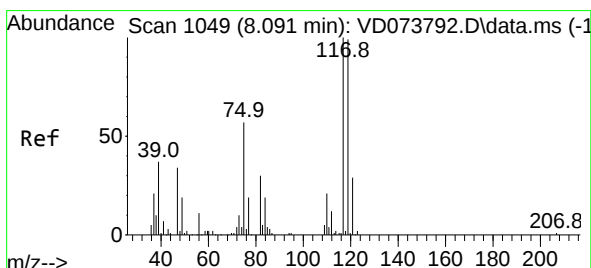
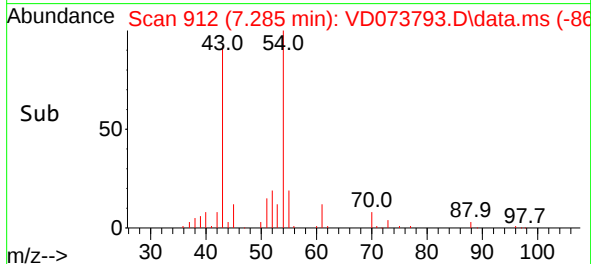
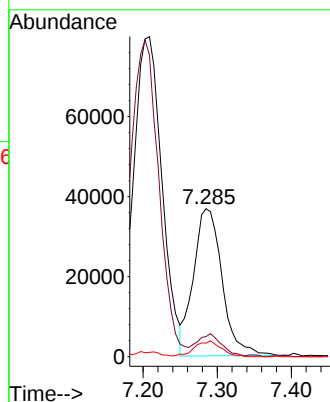
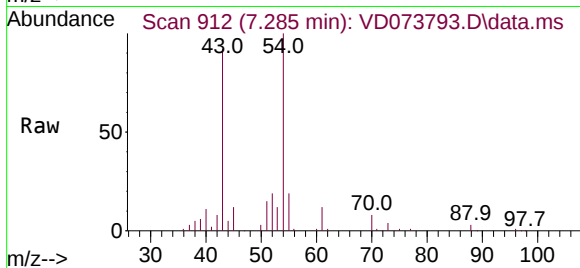
Tgt Ion: 43 Resp: 99073

Ion Ratio Lower Upper

43 100

61 12.6 10.7 16.1

70 9.9 7.7 11.5



#38

Carbon Tetrachloride

Concen: 99.516 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

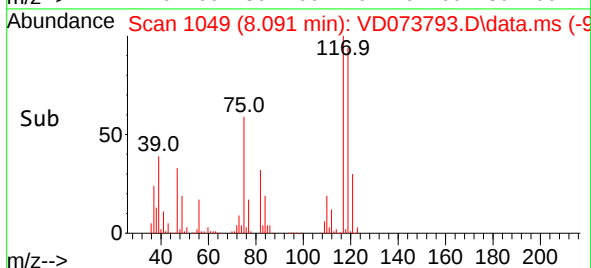
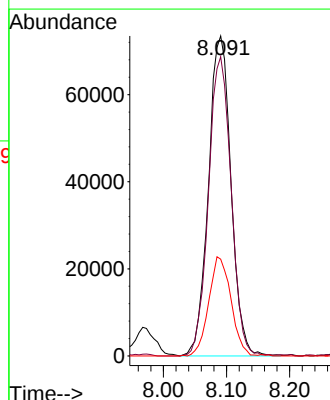
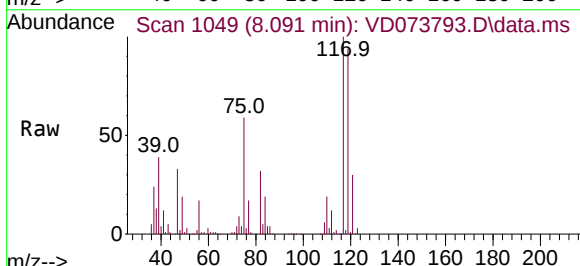
Tgt Ion: 117 Resp: 182443

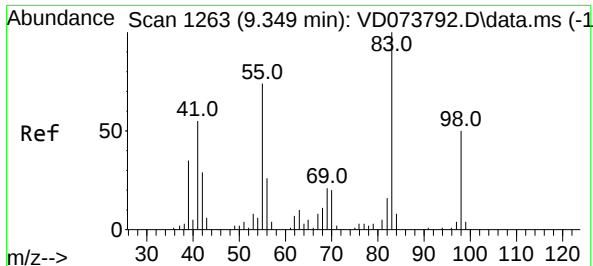
Ion Ratio Lower Upper

117 100

119 93.5 79.3 118.9

121 30.3 22.9 34.3





#39

Methylcyclohexane

Concen: 82.524 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

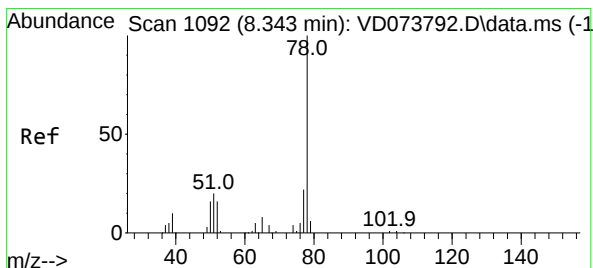
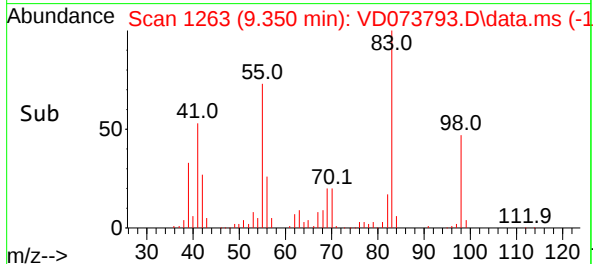
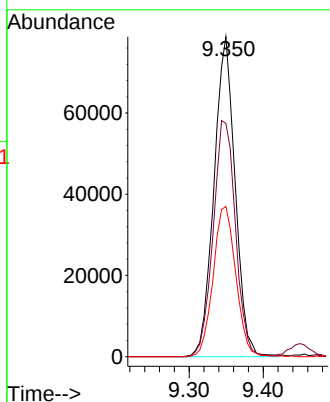
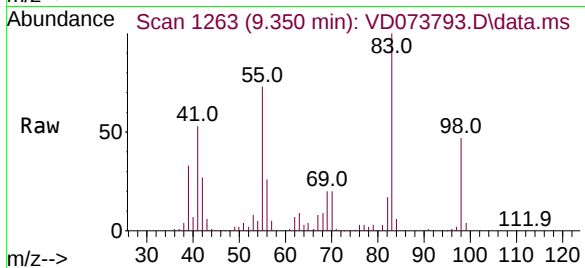
Tgt Ion: 83 Resp: 156190

Ion Ratio Lower Upper

83 100

55 72.9 59.3 88.9

98 46.9 40.4 60.6



#40

Benzene

Concen: 94.160 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073793.D

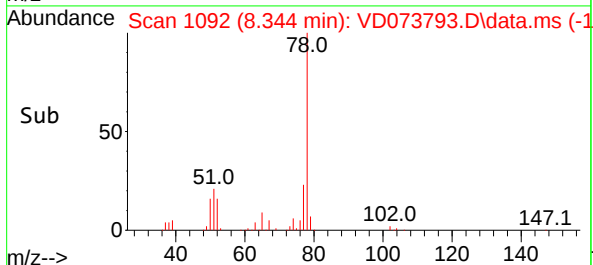
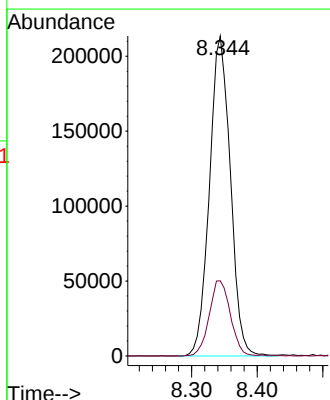
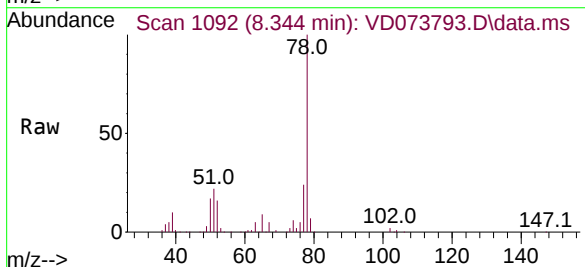
Acq: 06 Jul 2022 15:47

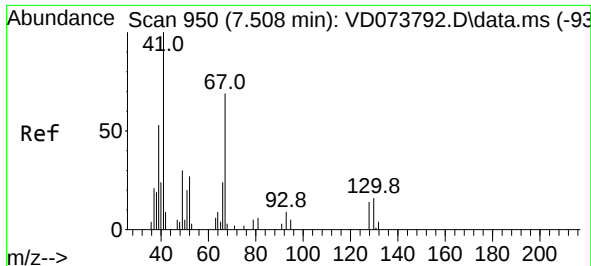
Tgt Ion: 78 Resp: 472242

Ion Ratio Lower Upper

78 100

77 23.5 17.8 26.6

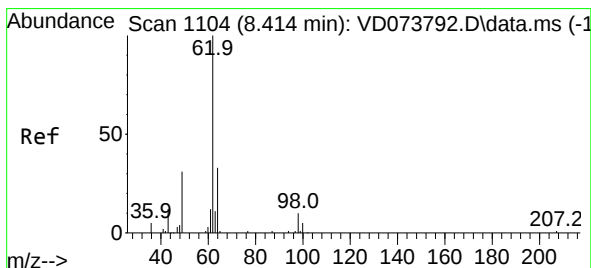
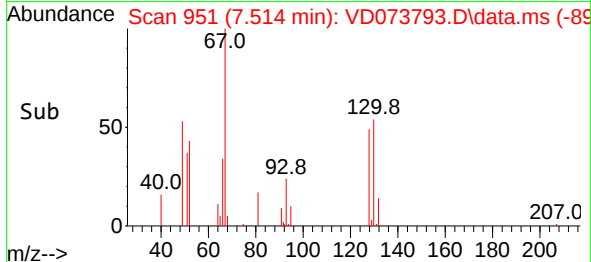
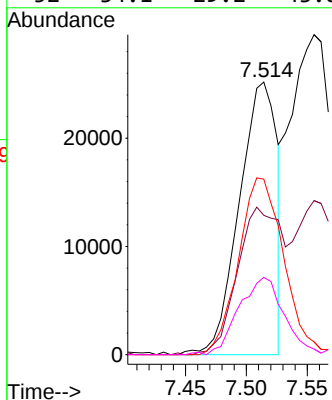
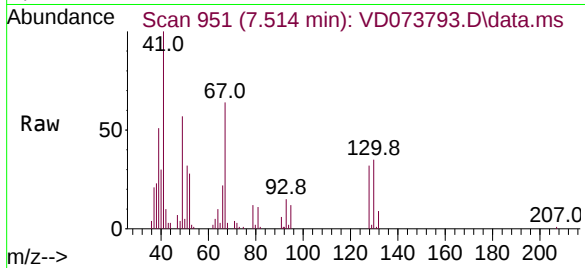




#41
Methacrylonitrile
Concen: 95.063 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

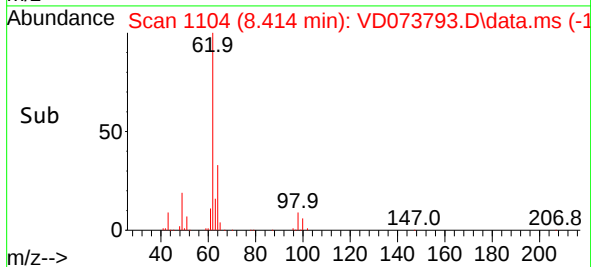
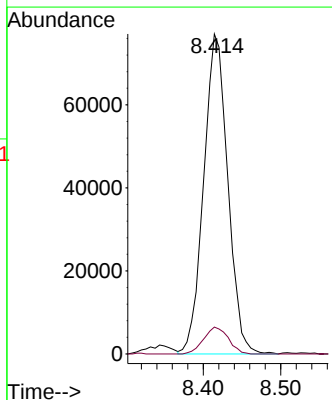
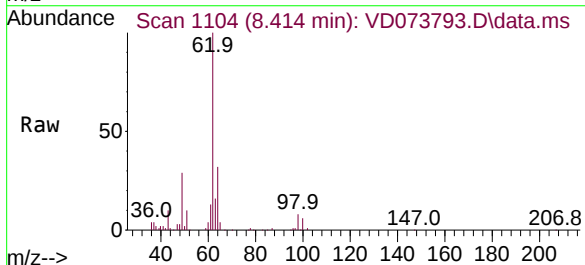
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

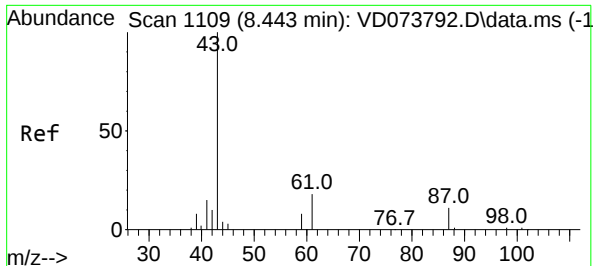
Tgt Ion:	41	Resp:	54326
Ion	Ratio	Lower	Upper
41	100		
39	63.8	51.3	76.9
67	77.5	65.5	98.3
52	34.1	29.2	43.8



#42
1,2-Dichloroethane
Concen: 107.428 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion:	62	Resp:	166603
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.4

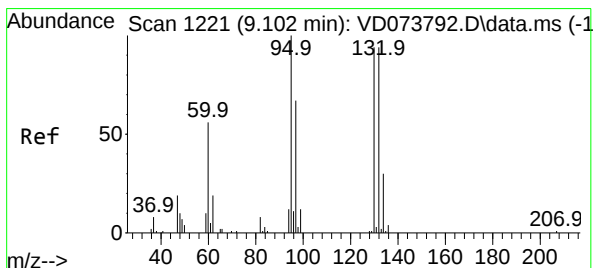
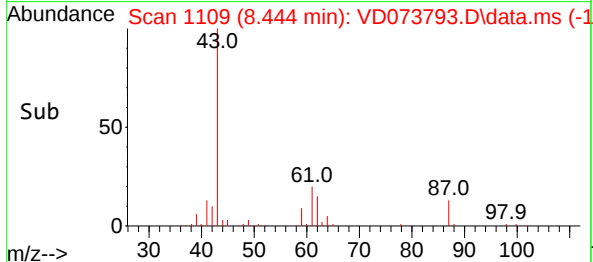
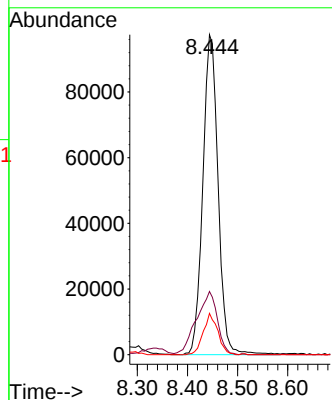
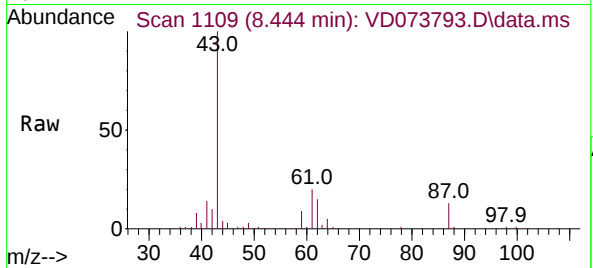




#43
Isopropyl Acetate
Concen: 106.412 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

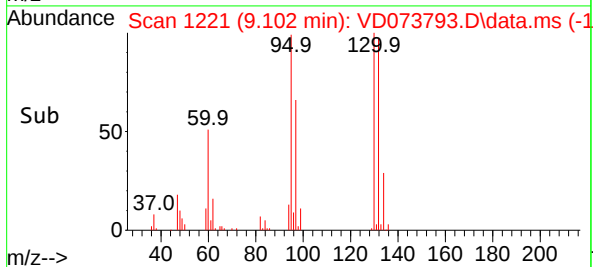
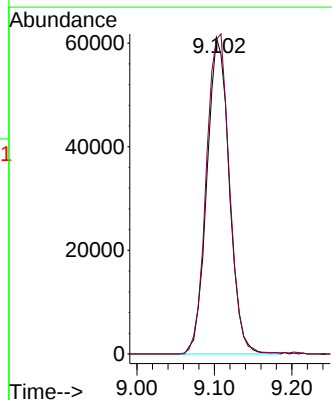
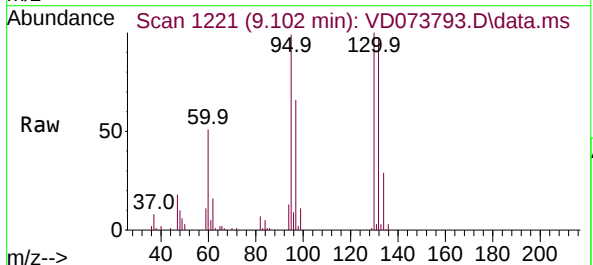
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

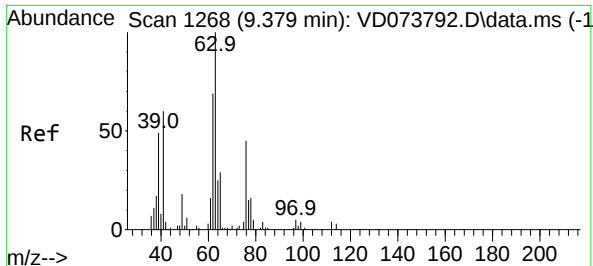
Tgt Ion: 43 Resp: 206328
Ion Ratio Lower Upper
43 100
61 27.1 21.8 32.8
87 12.3 9.6 14.4



#44
Trichloroethene
Concen: 92.747 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 130 Resp: 122430
Ion Ratio Lower Upper
130 100
95 99.3 0.0 212.6





#45

1,2-Dichloropropane

Concen: 99.517 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

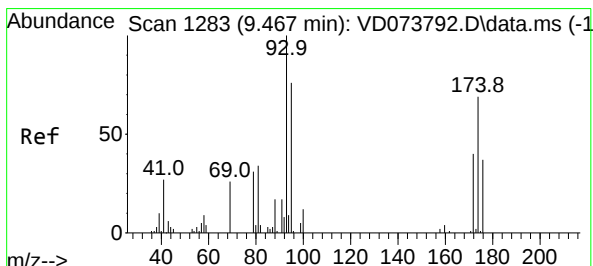
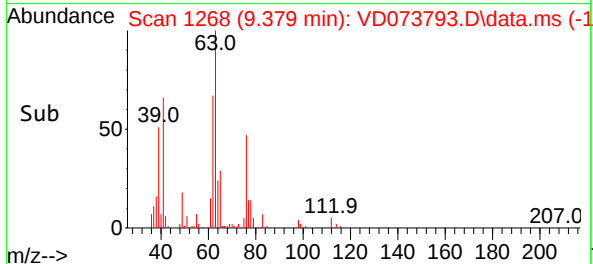
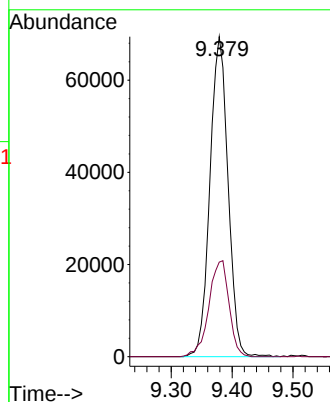
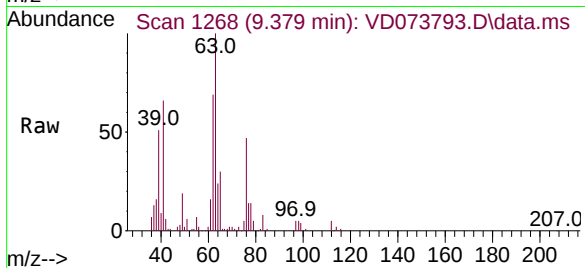
VSTDIC100

Tgt Ion: 63 Resp: 143180

Ion Ratio Lower Upper

63 100

65 29.6 23.4 35.2



#46

Dibromomethane

Concen: 105.905 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

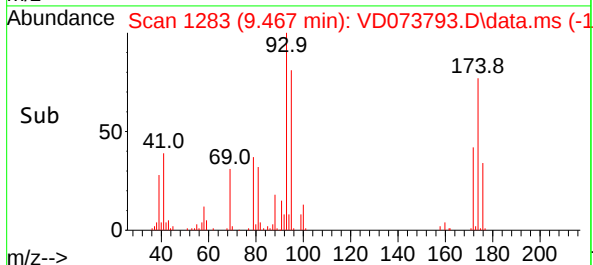
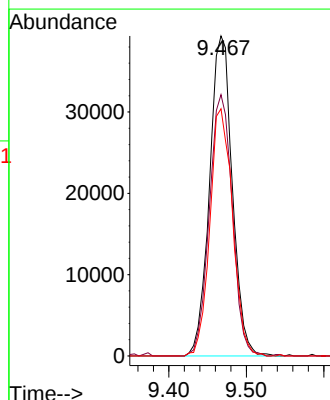
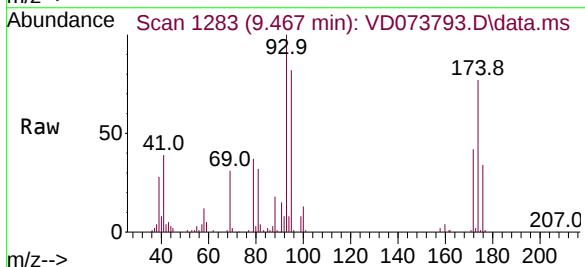
Tgt Ion: 93 Resp: 80622

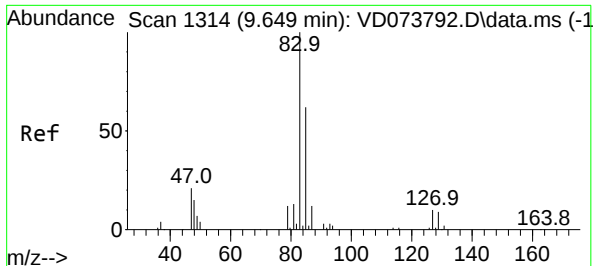
Ion Ratio Lower Upper

93 100

95 82.3 64.8 97.2

174 76.7 59.3 88.9





#47

Bromodichloromethane

Concen: 106.601 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

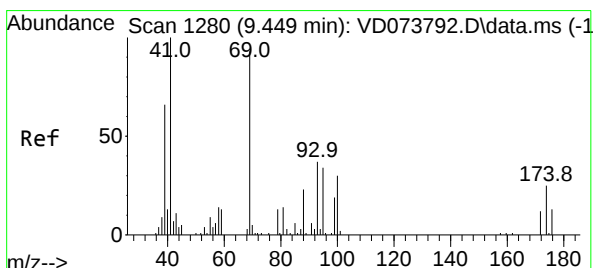
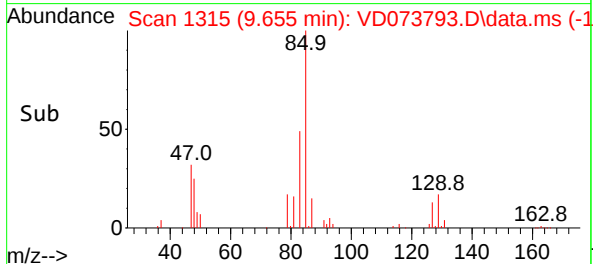
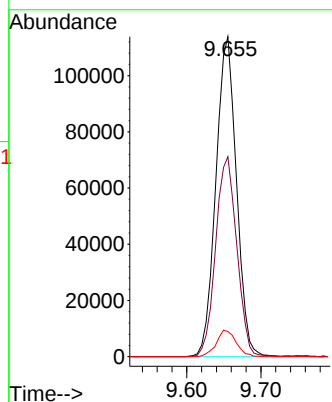
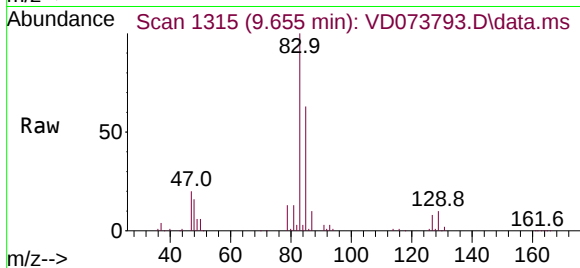
Tgt Ion: 83 Resp: 219812

Ion Ratio Lower Upper

83 100

85 62.5 49.4 74.0

127 7.8 7.8 11.6



#48

Methyl methacrylate

Concen: 108.483 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

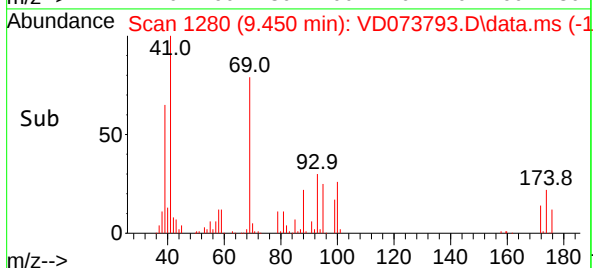
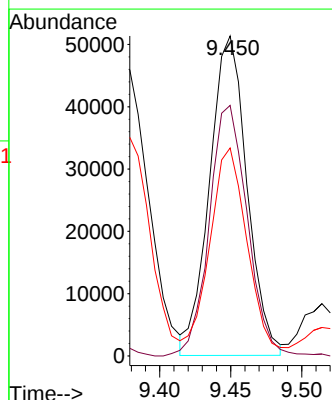
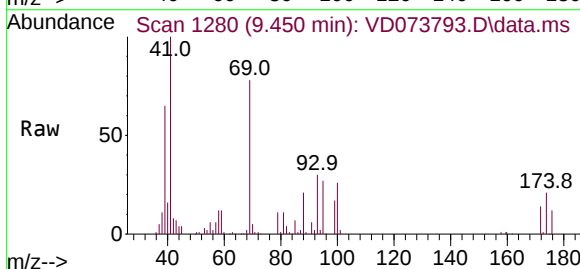
Tgt Ion: 41 Resp: 94055

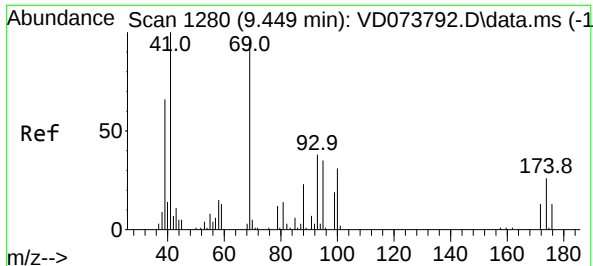
Ion Ratio Lower Upper

41 100

69 79.9 64.6 96.8

39 65.1 54.2 81.4





#49

1,4-Dioxane

Concen: 2176.850 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

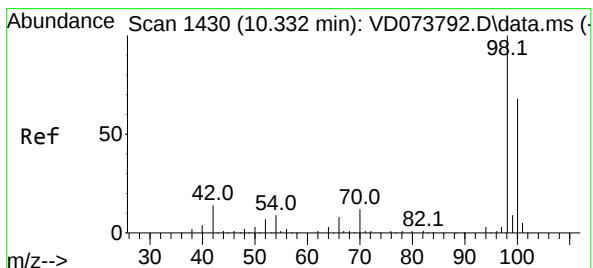
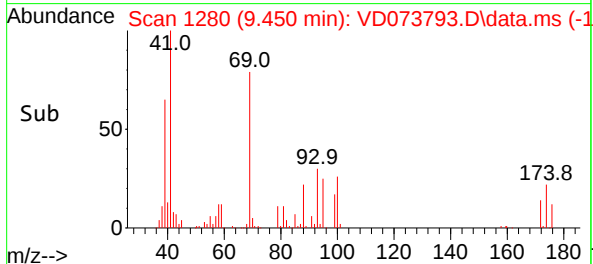
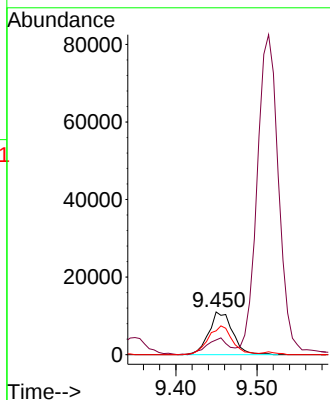
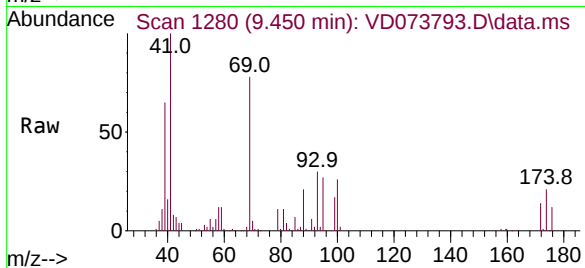
Tgt Ion: 88 Resp: 22322

Ion Ratio Lower Upper

88 100

43 36.5 33.3 49.9

58 68.7 54.2 81.4



#50

Toluene-d8

Concen: 86.252 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073793.D

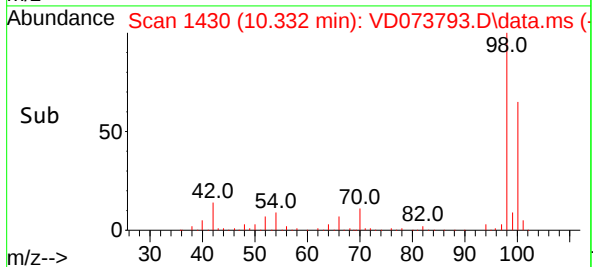
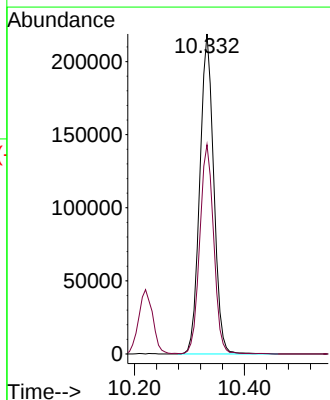
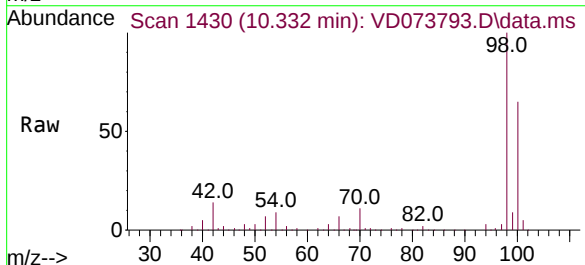
Acq: 06 Jul 2022 15:47

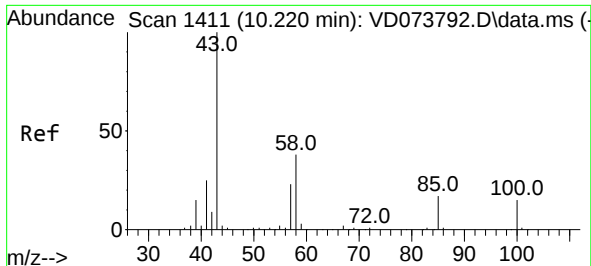
Tgt Ion: 98 Resp: 384334

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9

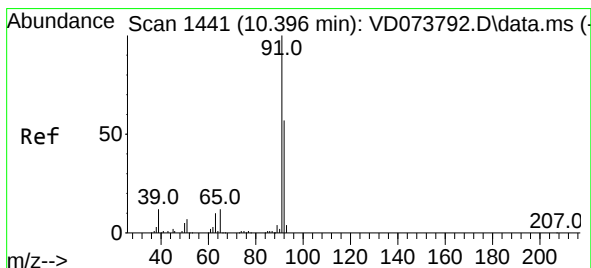
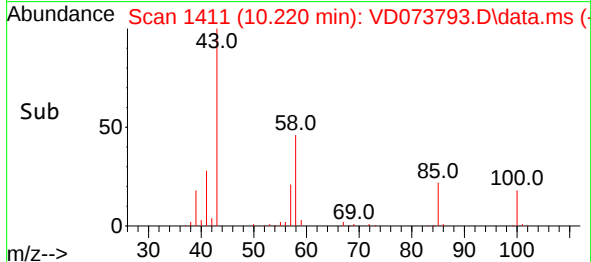
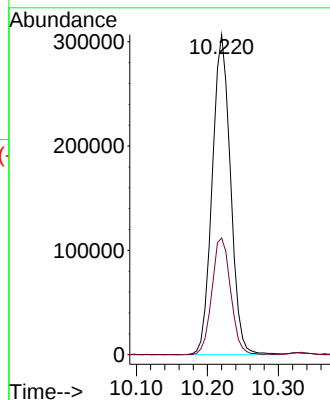
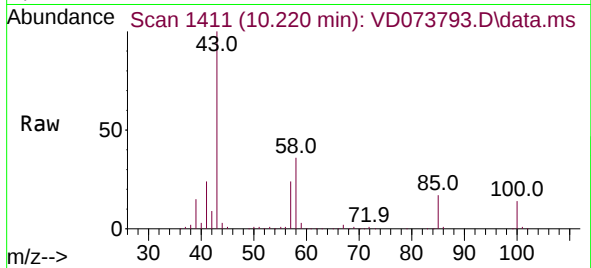




#51
4-Methyl-2-Pentanone
Concen: 551.711 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

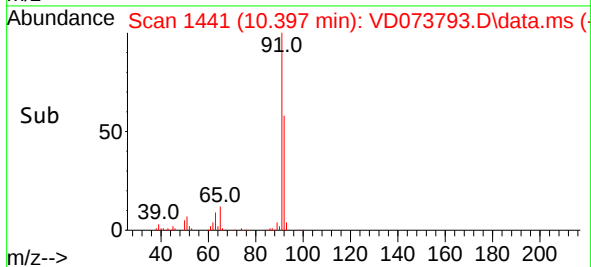
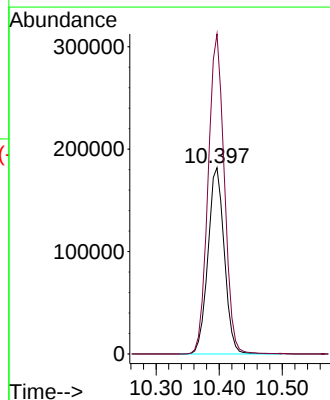
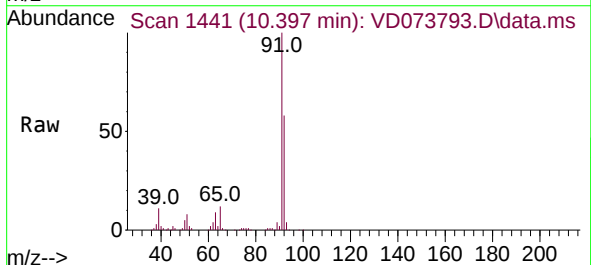
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

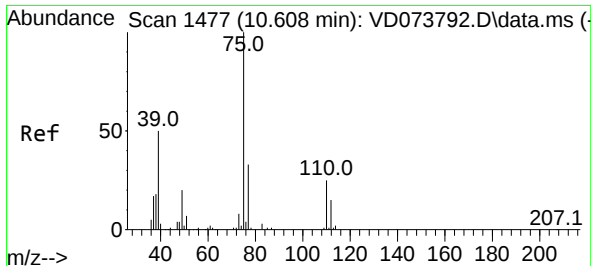
Tgt Ion: 43 Resp: 548221
Ion Ratio Lower Upper
43 100
58 37.5 30.1 45.1



#52
Toluene
Concen: 97.562 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 92 Resp: 326452
Ion Ratio Lower Upper
92 100
91 170.6 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 103.646 ug/l

RT: 10.614 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

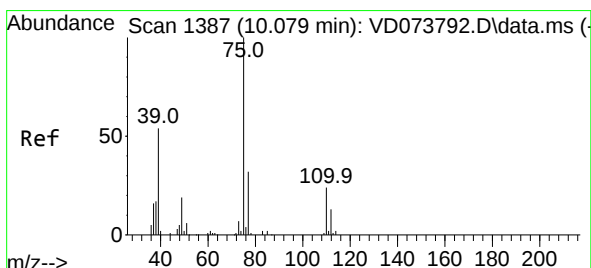
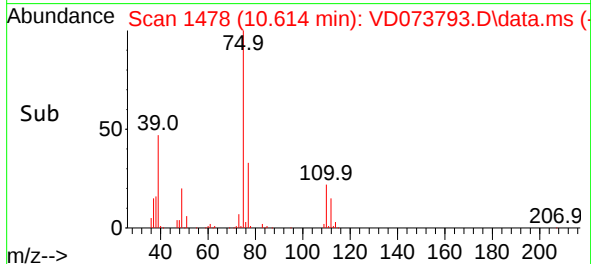
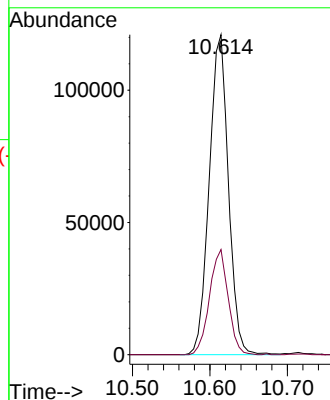
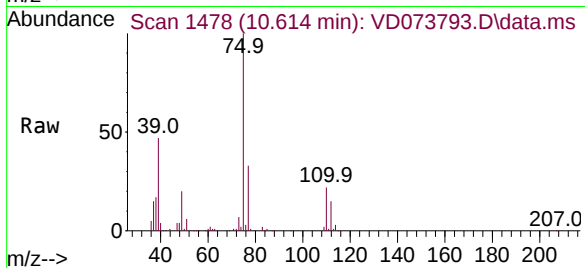
VSTDIC100

Tgt Ion: 75 Resp: 208630

Ion Ratio Lower Upper

75 100

77 32.8 26.6 40.0



#54

cis-1,3-Dichloropropene

Concen: 99.199 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

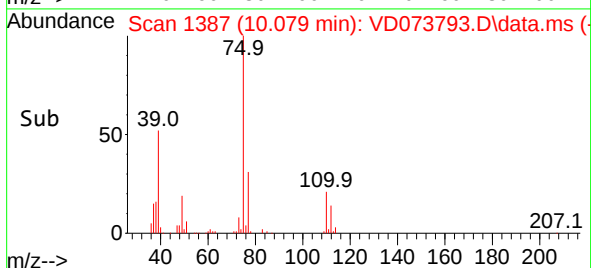
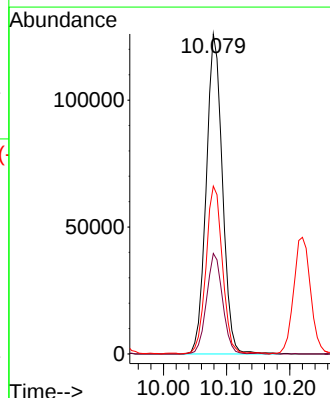
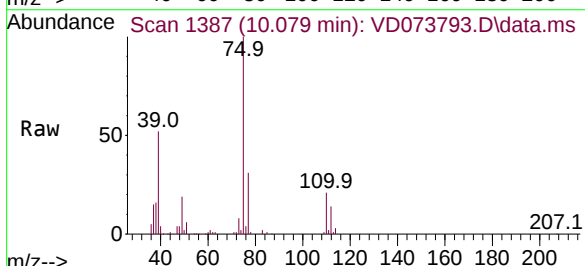
Tgt Ion: 75 Resp: 224617

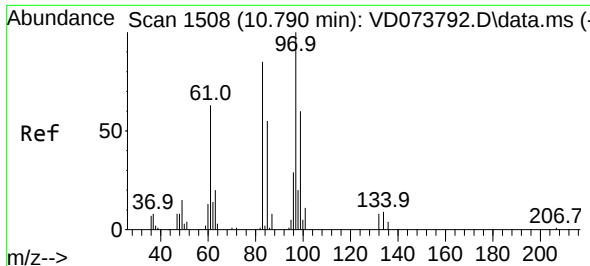
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 52.5 42.9 64.3

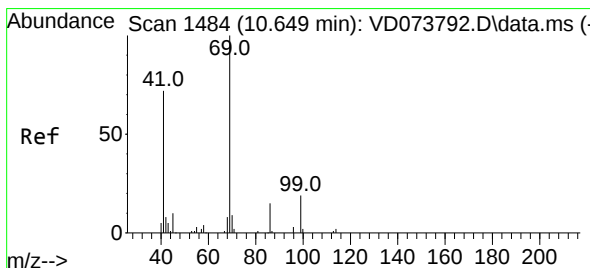
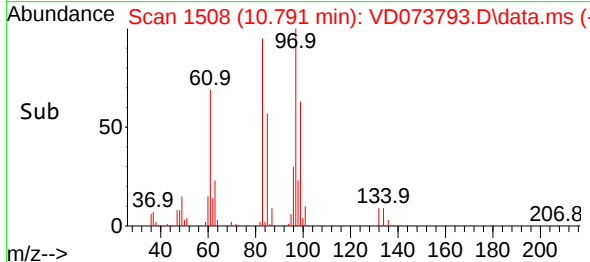
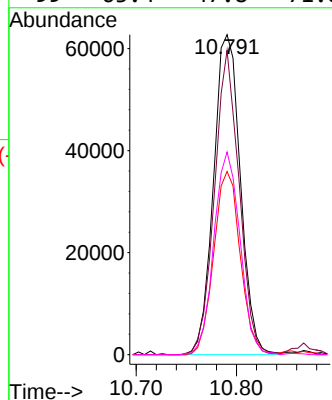
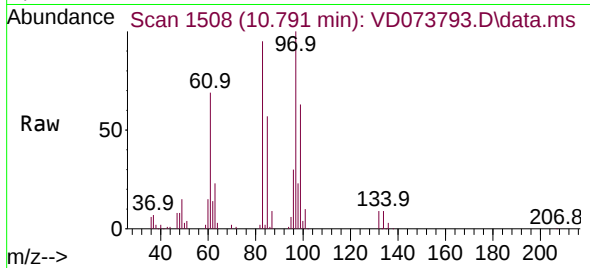




#55
1,1,2-Trichloroethane
Concen: 102.923 ug/l
RT: 10.791 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

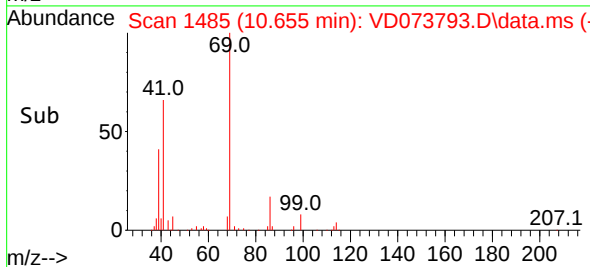
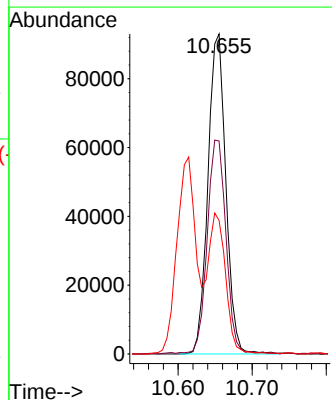
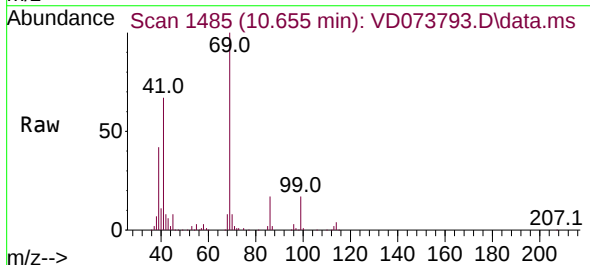
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

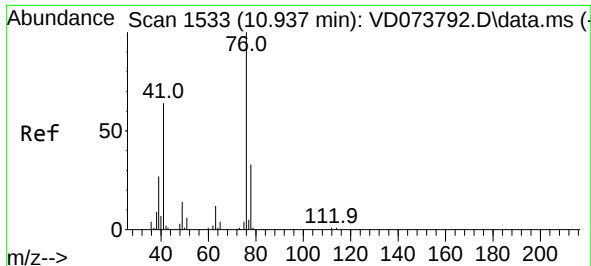
Tgt Ion: 97 Resp: 116490
Ion Ratio Lower Upper
97 100
83 95.1 68.2 102.2
85 57.2 43.9 65.9
99 63.4 47.8 71.8



#56
Ethyl methacrylate
Concen: 104.647 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 69 Resp: 156421
Ion Ratio Lower Upper
69 100
41 69.2 58.1 87.1
39 43.4 36.6 54.8





#57

1,3-Dichloropropane

Concen: 104.107 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

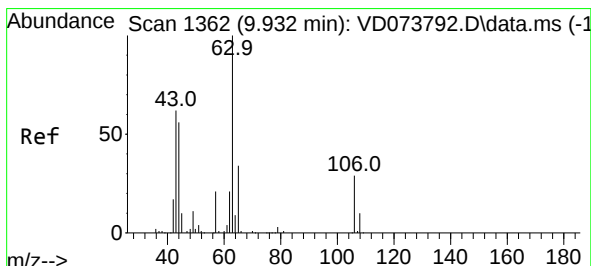
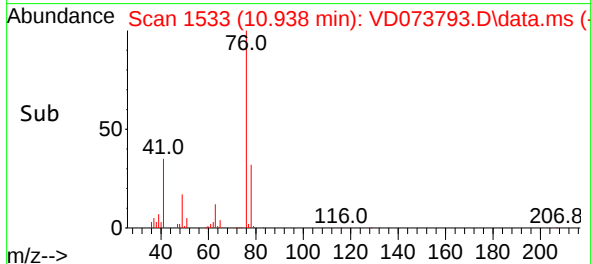
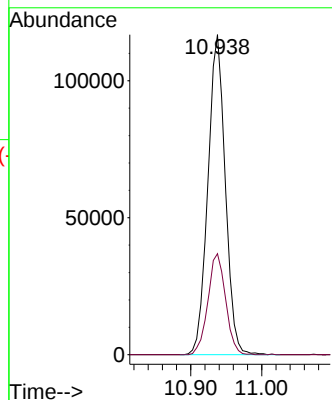
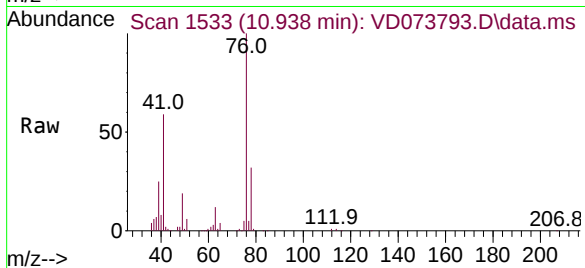
VSTDIC100

Tgt Ion: 76 Resp: 198745

Ion Ratio Lower Upper

76 100

78 32.1 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 498.945 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VD073793.D

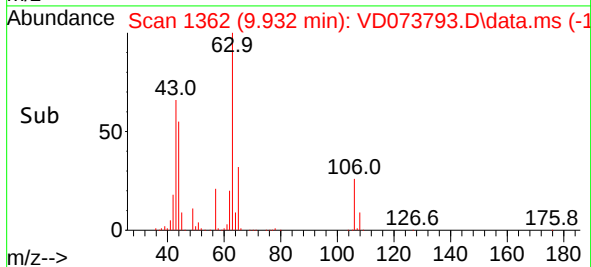
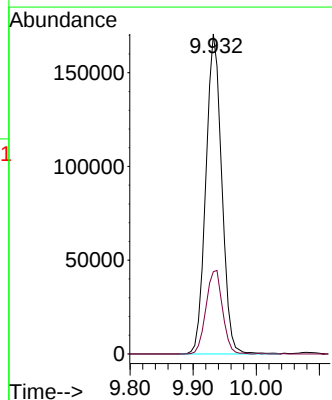
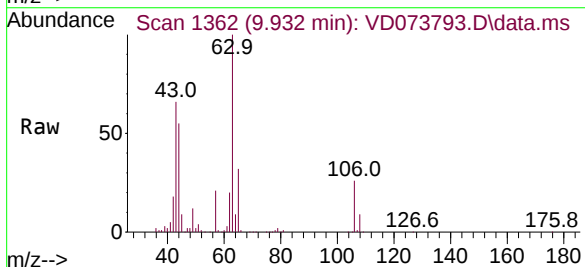
Acq: 06 Jul 2022 15:47

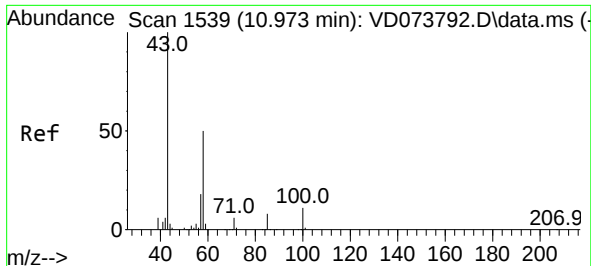
Tgt Ion: 63 Resp: 298324

Ion Ratio Lower Upper

63 100

106 27.1 22.2 33.4

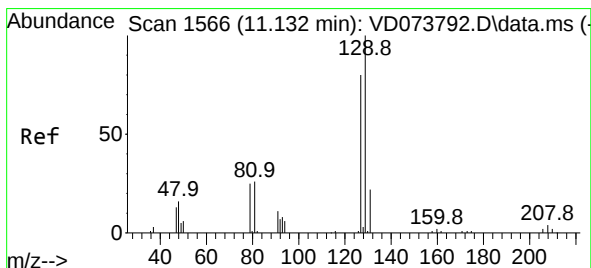
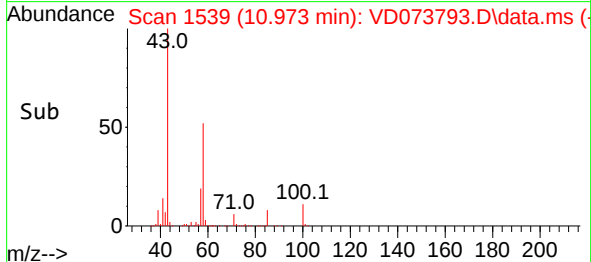
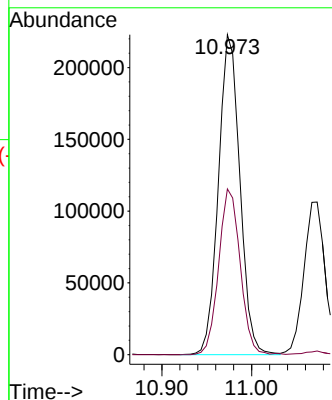
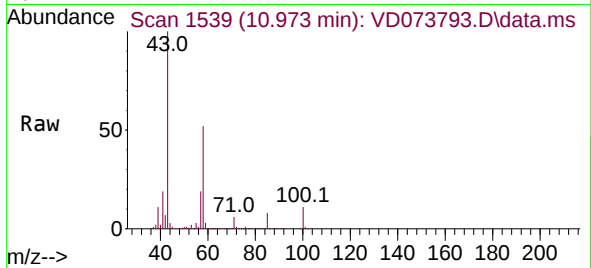




#59
2-Hexanone
Concen: 548.752 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

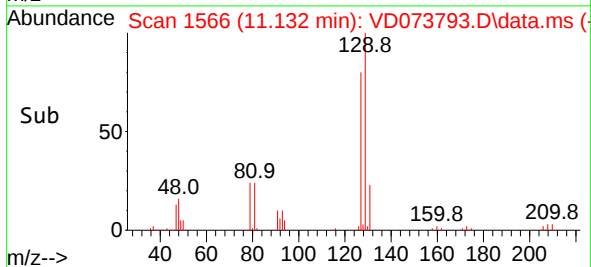
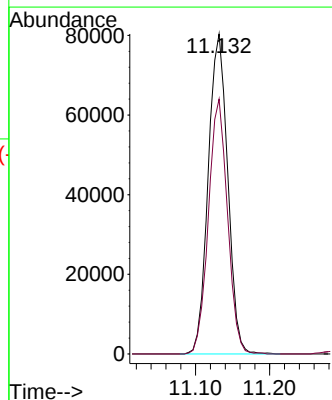
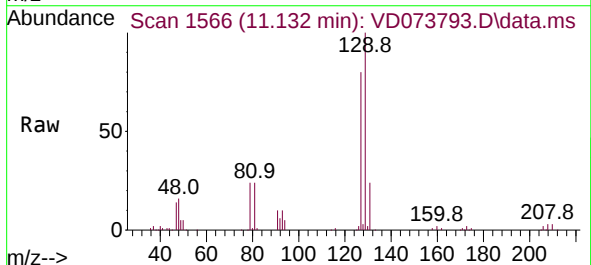
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

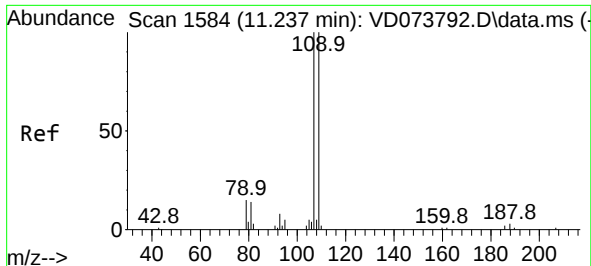
Tgt Ion: 43 Resp: 370226
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.6



#60
Dibromochloromethane
Concen: 106.253 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 129 Resp: 146734
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

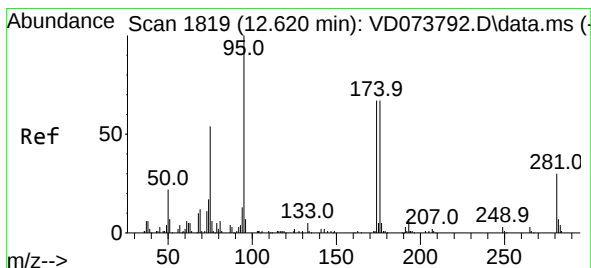
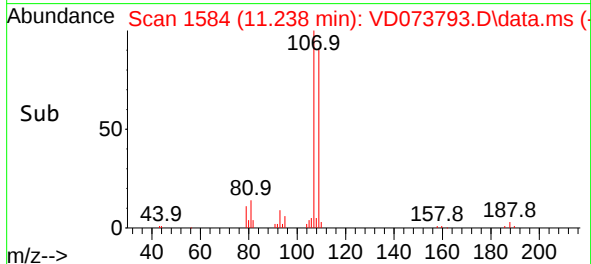
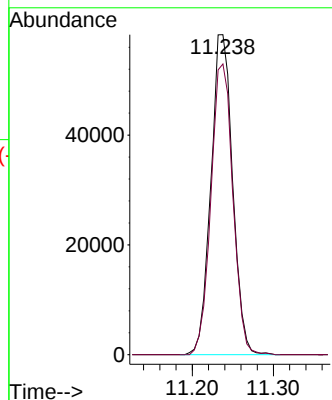
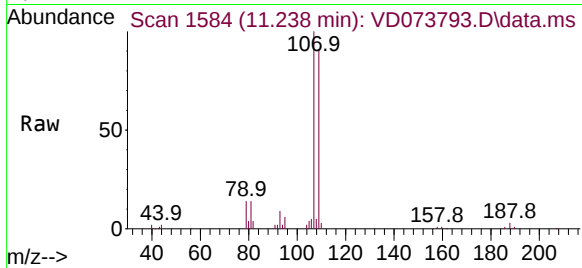




#61
1,2-Dibromoethane
Concen: 104.296 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

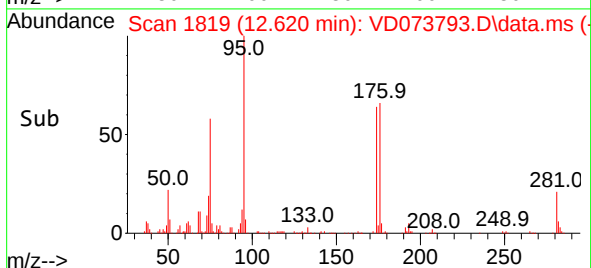
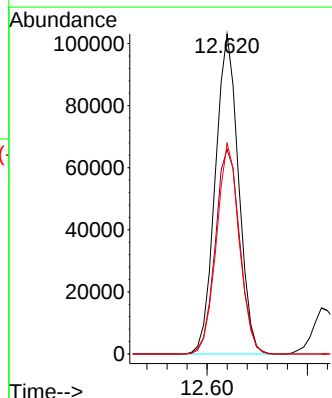
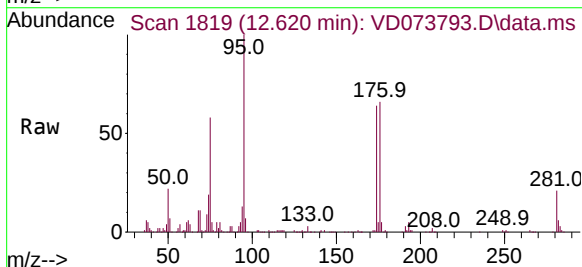
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

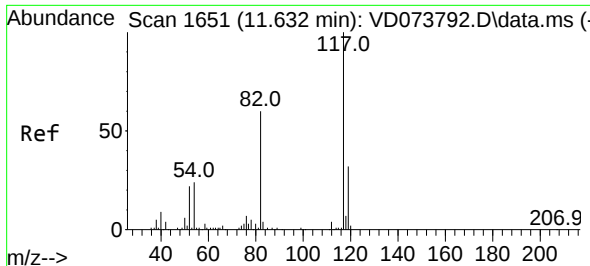
Tgt Ion:107 Resp: 108489
Ion Ratio Lower Upper
107 100
109 91.5 78.6 117.8



#62
4-Bromofluorobenzene
Concen: 93.313 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 95 Resp: 165161
Ion Ratio Lower Upper
95 100
174 67.3 0.0 132.4
176 64.8 0.0 129.0

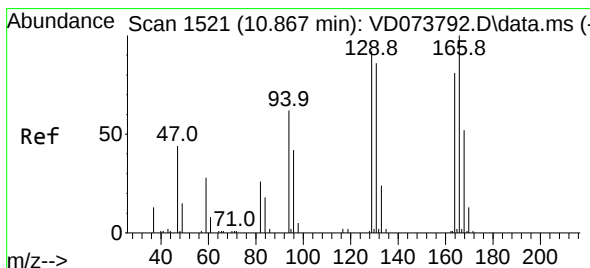
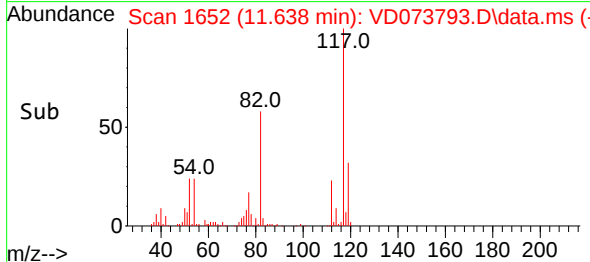
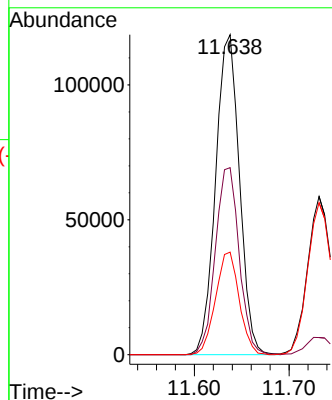
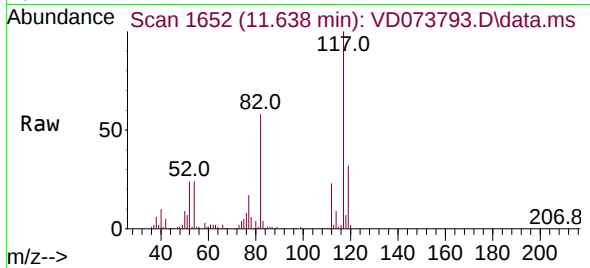




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

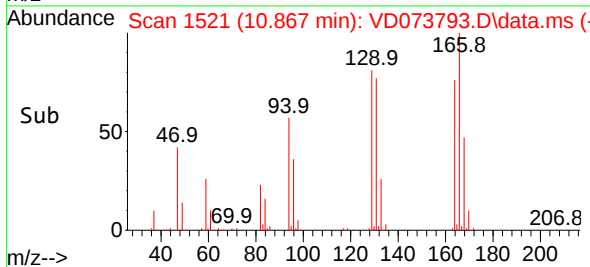
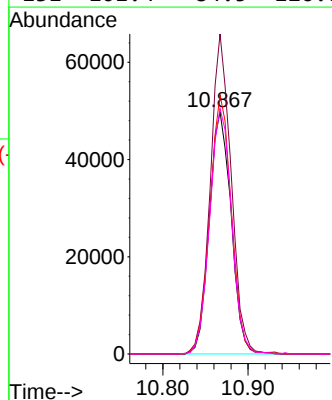
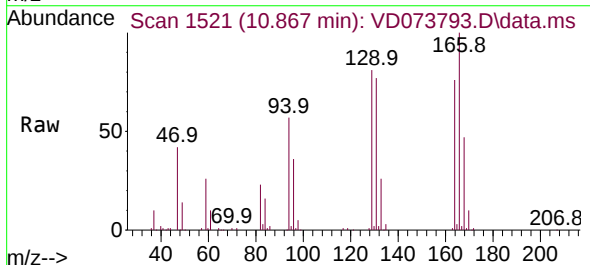
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

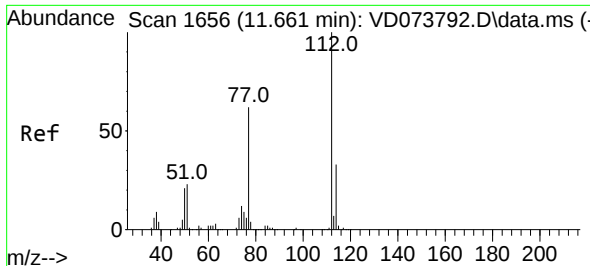
Tgt Ion:117 Resp: 207734
Ion Ratio Lower Upper
117 100
82 58.5 48.2 72.2
119 32.0 25.2 37.8



#64
Tetrachloroethene
Concen: 83.009 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion:164 Resp: 87982
Ion Ratio Lower Upper
164 100
166 132.2 98.8 148.2
129 107.1 91.0 136.4
131 101.4 84.5 126.7

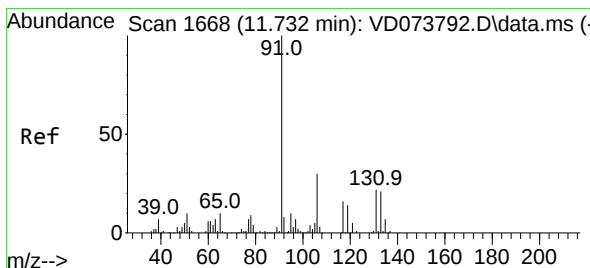
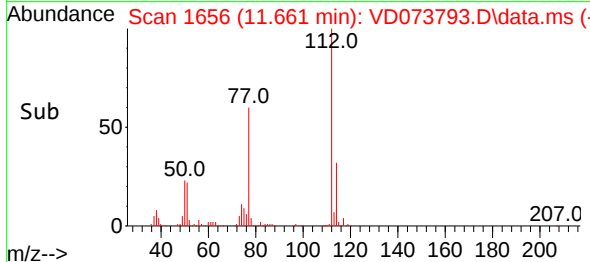
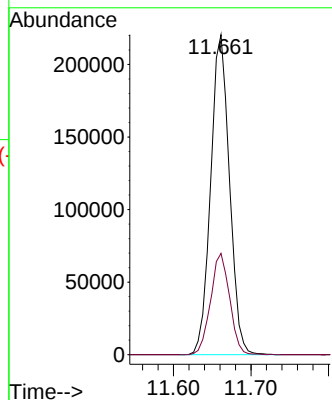
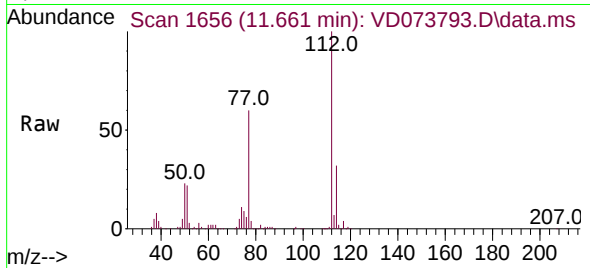




#65
Chlorobenzene
Concen: 96.354 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

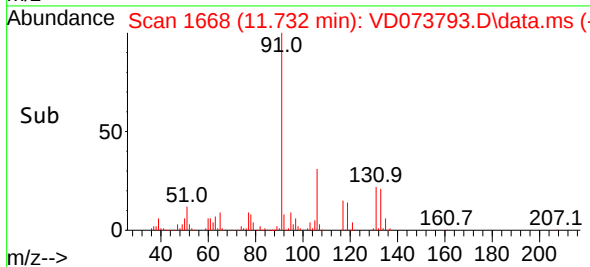
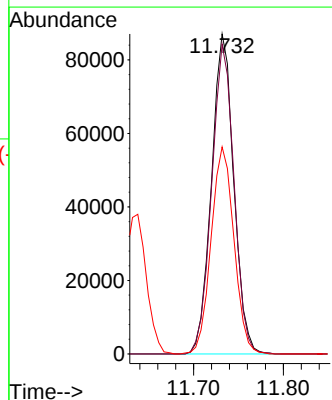
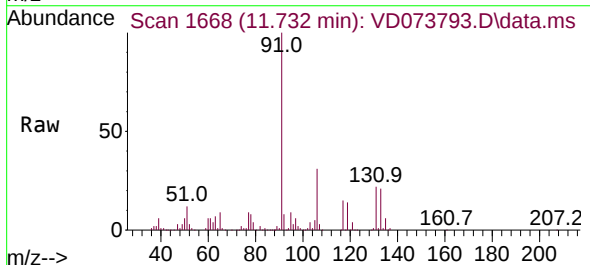
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

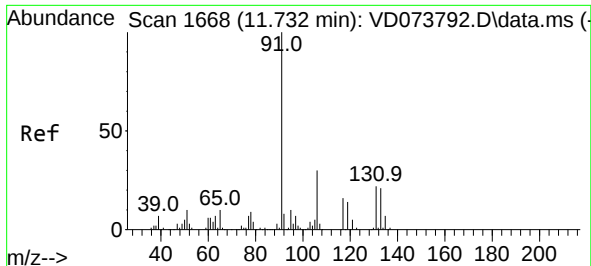
Tgt Ion:112 Resp: 371763
Ion Ratio Lower Upper
112 100
114 31.7 26.6 39.8



#66
1,1,1,2-Tetrachloroethane
Concen: 102.823 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion:131 Resp: 150109
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.3
119 66.3 33.1 99.3

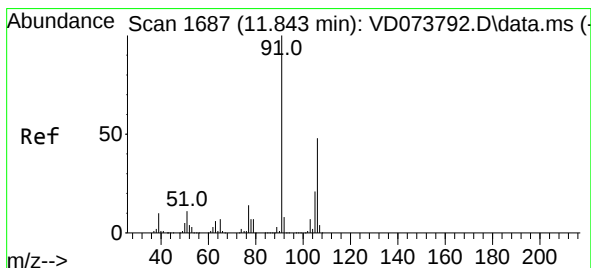
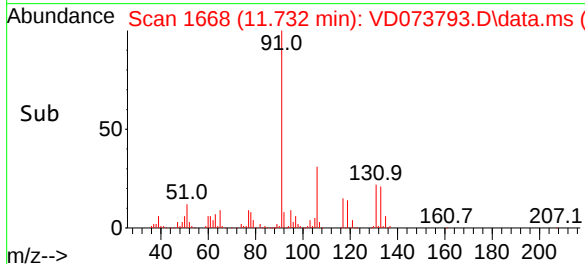
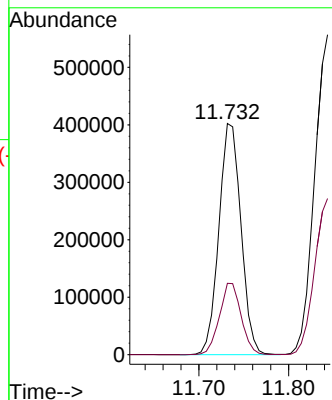
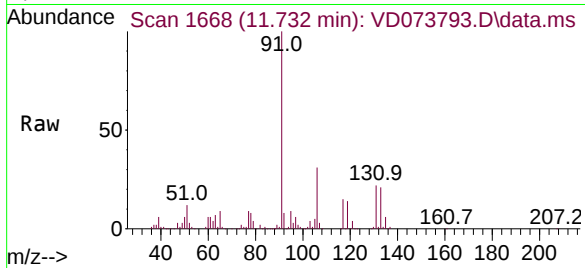




#67
Ethyl Benzene
Concen: 97.420 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

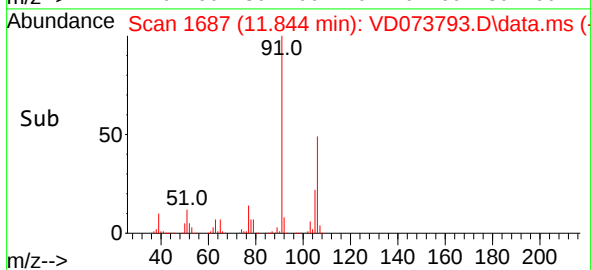
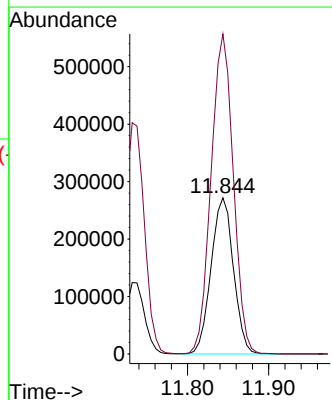
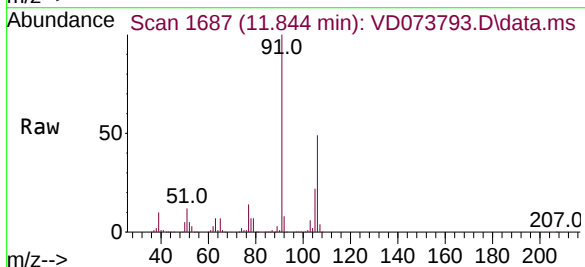
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

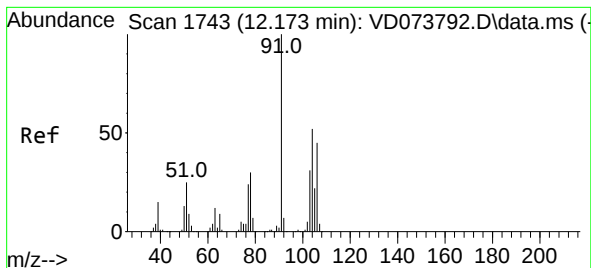
Tgt Ion: 91 Resp: 687532
Ion Ratio Lower Upper
91 100
106 30.9 24.1 36.1



#68
m/p-Xylenes
Concen: 193.174 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 106 Resp: 519508
Ion Ratio Lower Upper
106 100
91 204.0 165.4 248.2





#69

o-Xylene

Concen: 96.516 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

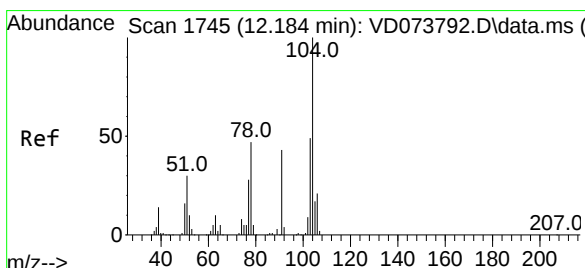
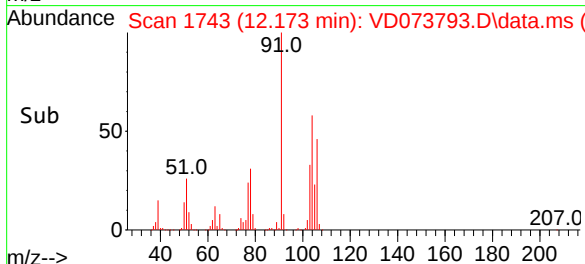
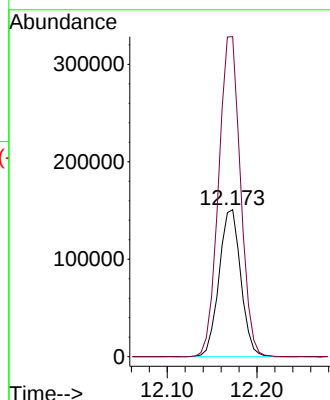
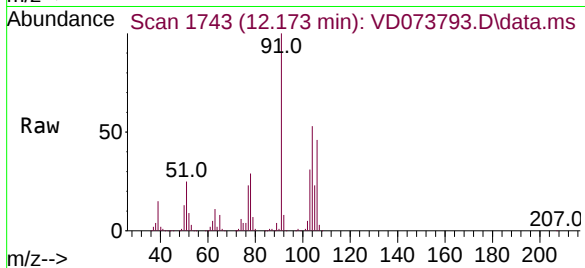
VSTDIC100

Tgt Ion:106 Resp: 253477

Ion Ratio Lower Upper

106 100

91 219.7 112.3 336.8



#70

Styrene

Concen: 100.144 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

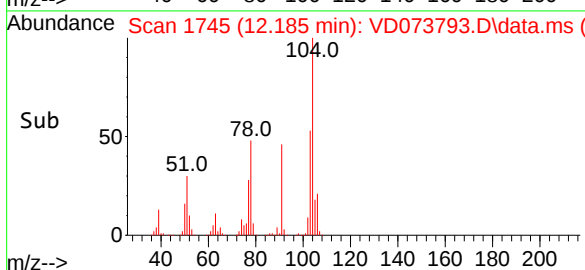
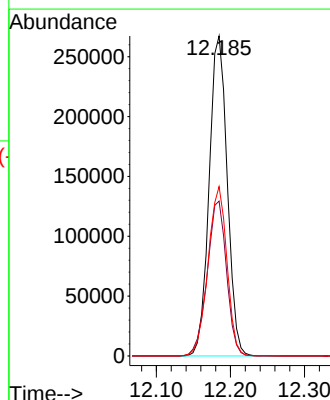
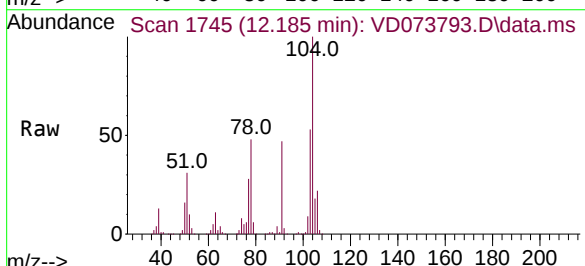
Tgt Ion:104 Resp: 453030

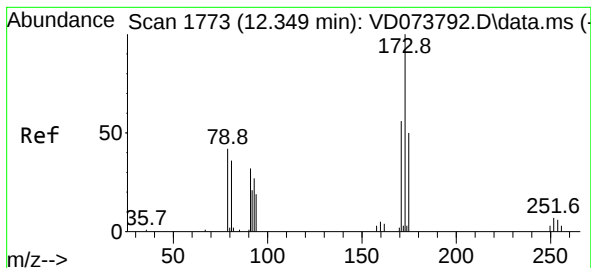
Ion Ratio Lower Upper

104 100

78 51.6 42.2 63.2

103 55.2 43.9 65.9





#71

Bromoform

Concen: 104.985 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

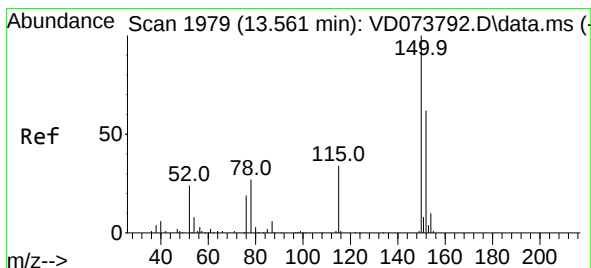
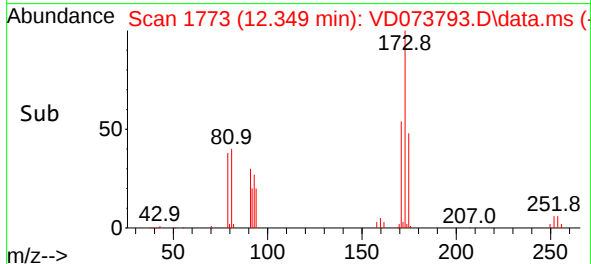
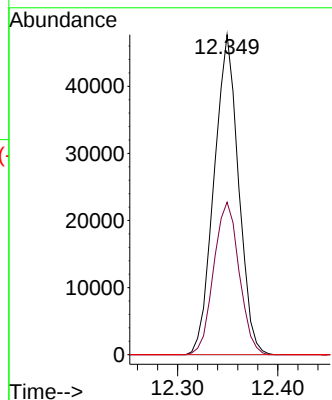
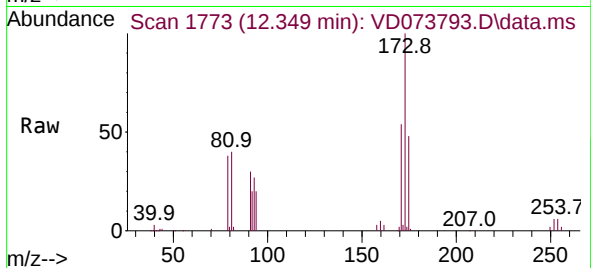
Tgt Ion:173 Resp: 80839

Ion Ratio Lower Upper

173 100

175 49.5 23.8 71.5

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: VD073793.D

Acq: 06 Jul 2022 15:47

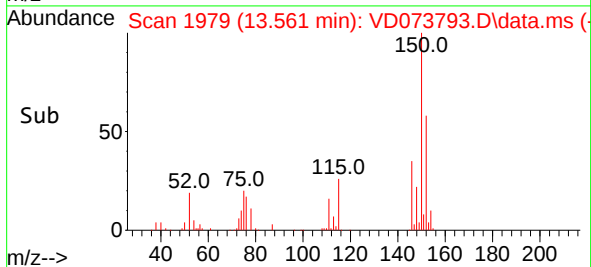
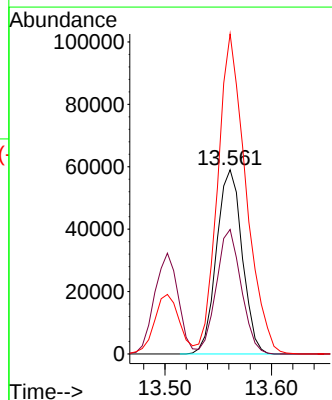
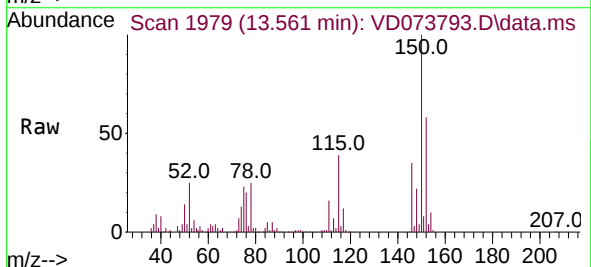
Tgt Ion:152 Resp: 98657

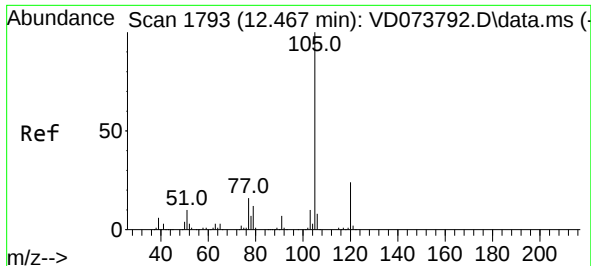
Ion Ratio Lower Upper

152 100

115 65.3 32.2 96.6

150 191.3 0.0 353.0

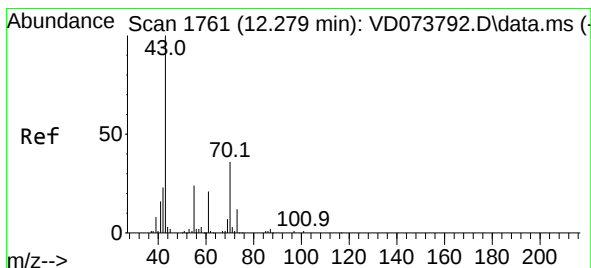
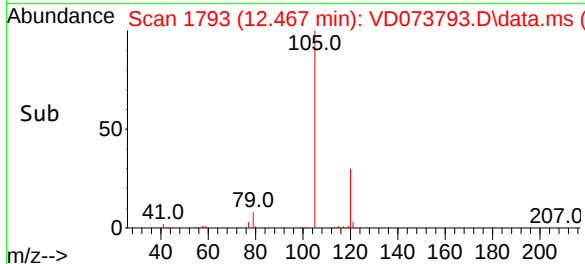
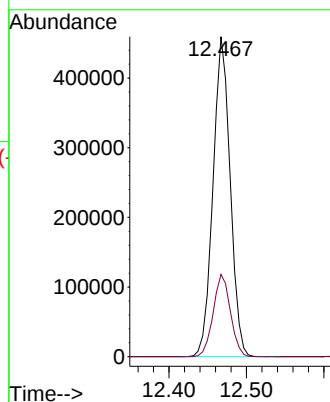
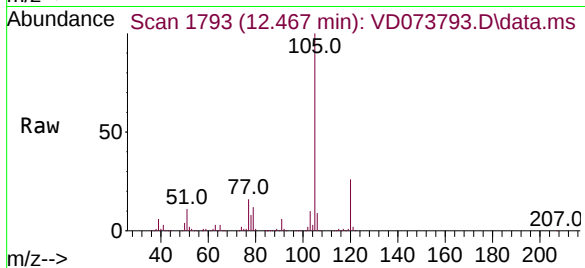




#73
Isopropylbenzene
Concen: 94.130 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

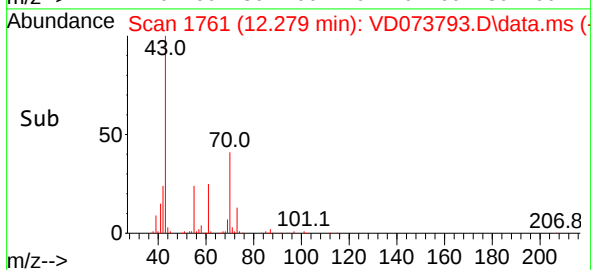
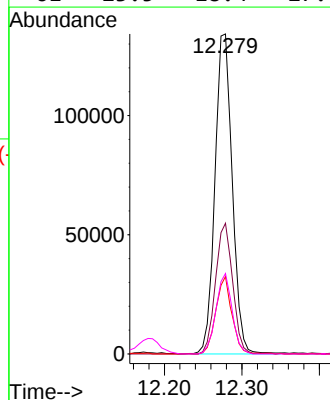
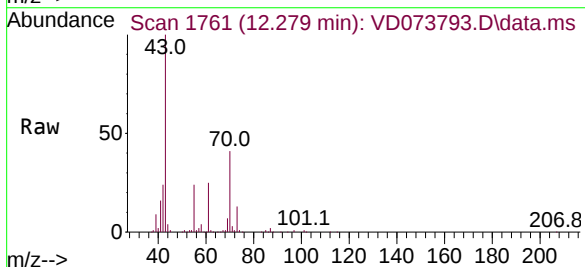
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

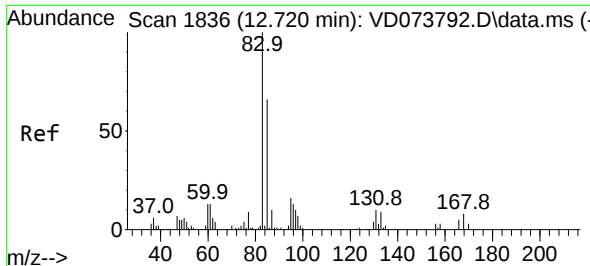
Tgt Ion:105 Resp: 706194
Ion Ratio Lower Upper
105 100
120 25.8 12.9 38.7



#74
N-ethyl acetate
Concen: 101.220 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 43 Resp: 208487
Ion Ratio Lower Upper
43 100
70 40.6 31.5 47.3
55 22.6 18.5 27.7
61 23.5 18.4 27.6

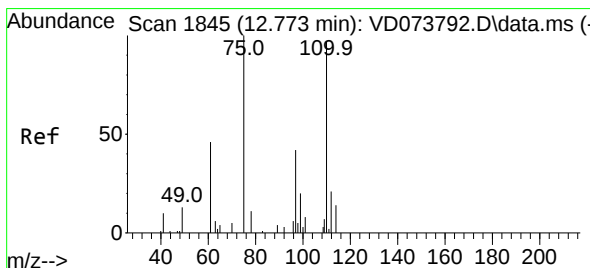
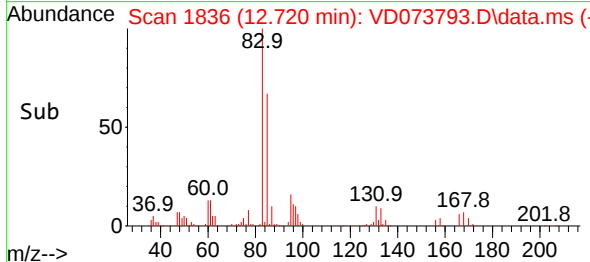
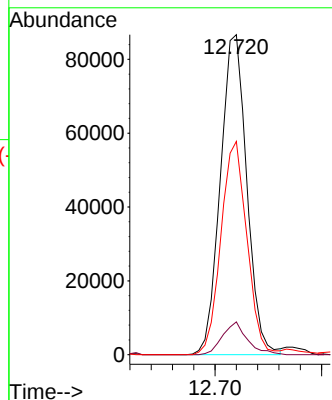
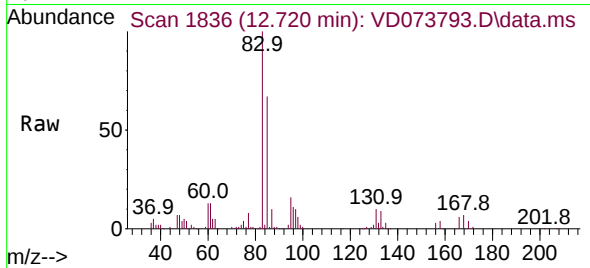




#75
 1,1,2,2-Tetrachloroethane
 Concen: 98.748 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD073793.D
 Acq: 06 Jul 2022 15:47

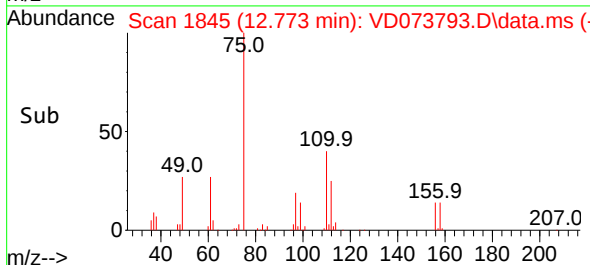
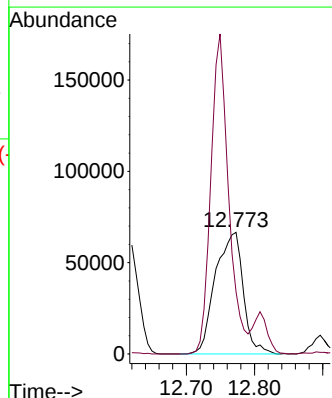
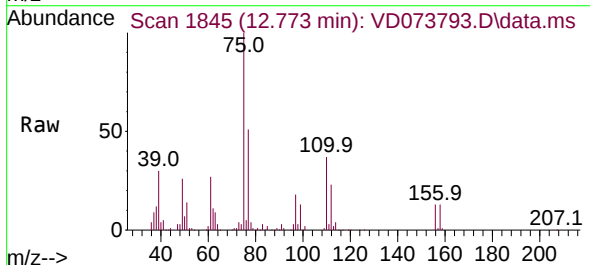
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

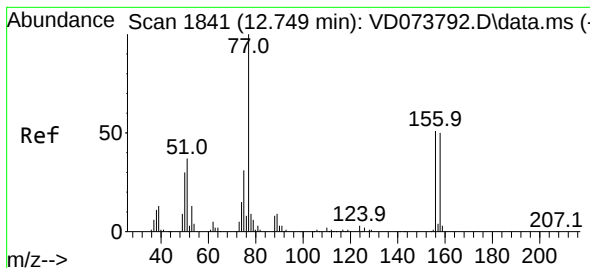
Tgt Ion: 83 Resp: 149475
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.2 15.6
 85 65.5 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 201.717 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VD073793.D
 Acq: 06 Jul 2022 15:47

Tgt Ion: 75 Resp: 189139
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 94.357 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

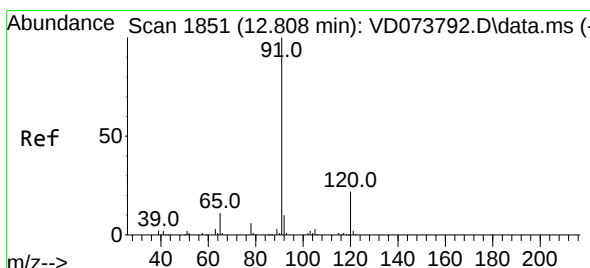
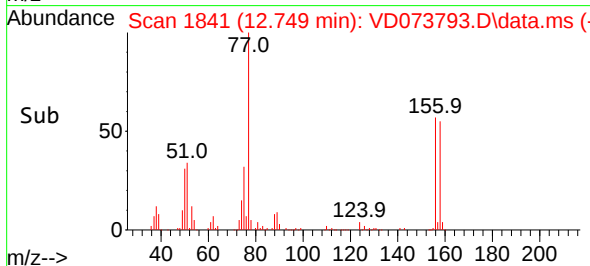
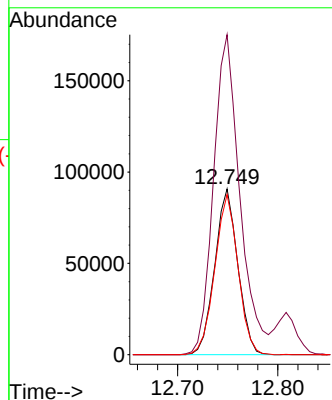
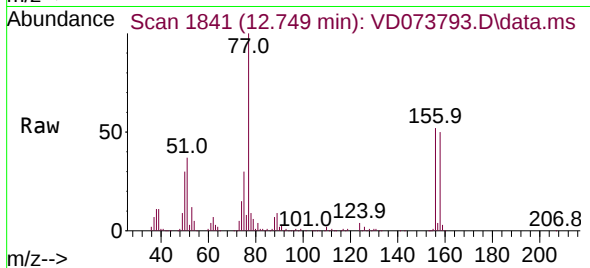
Tgt Ion:156 Resp: 144886

Ion Ratio Lower Upper

156 100

77 220.6 110.8 332.4

158 97.1 49.1 147.3



#78

n-propylbenzene

Concen: 92.717 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073793.D

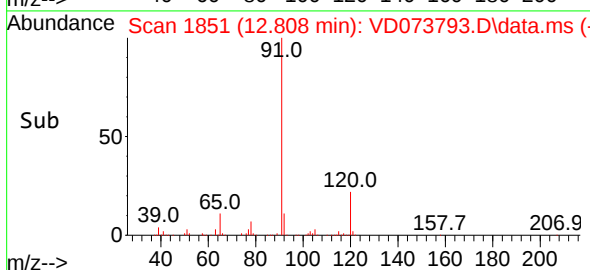
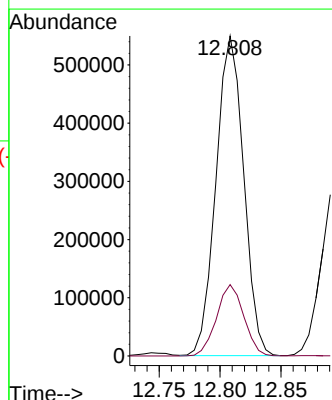
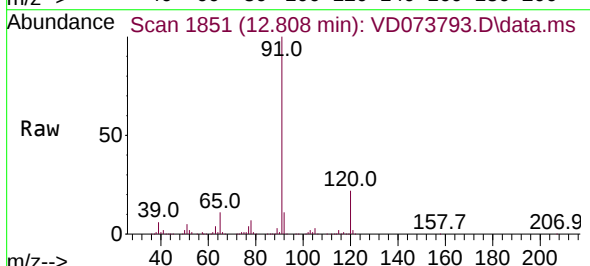
Acq: 06 Jul 2022 15:47

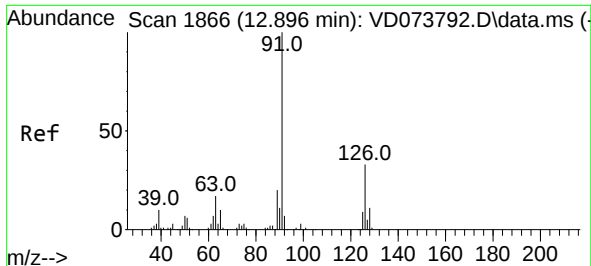
Tgt Ion: 91 Resp: 869168

Ion Ratio Lower Upper

91 100

120 22.0 10.9 32.7

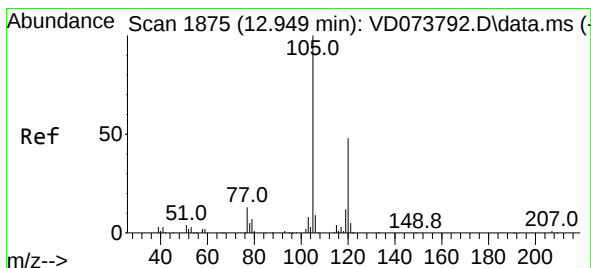
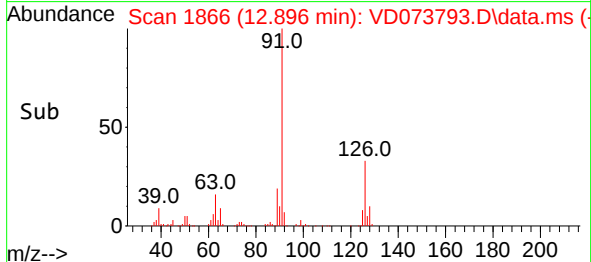
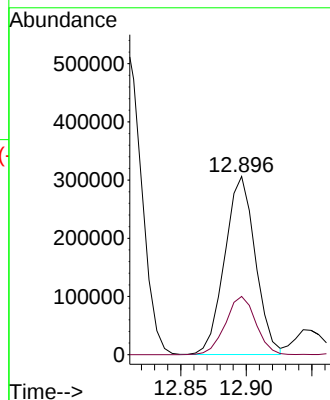
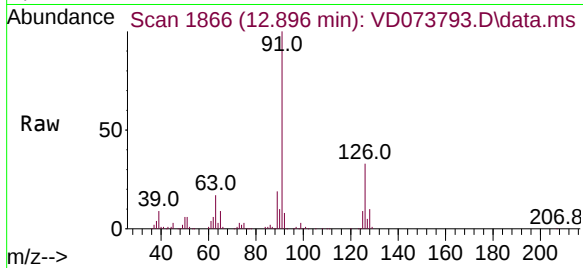




#79
2-Chlorotoluene
Concen: 94.521 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

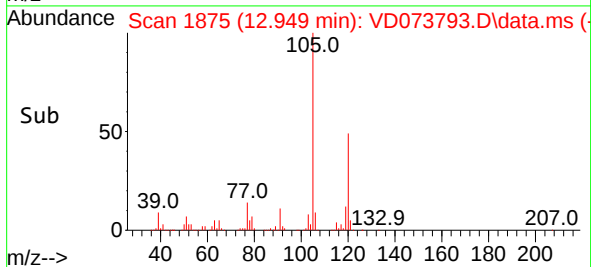
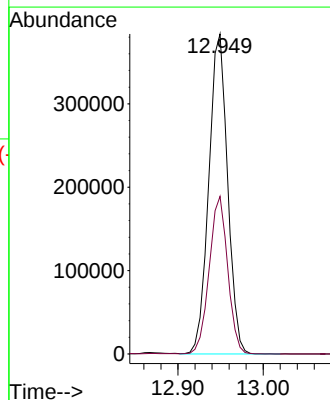
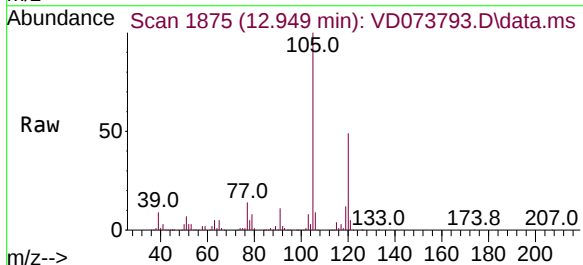
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

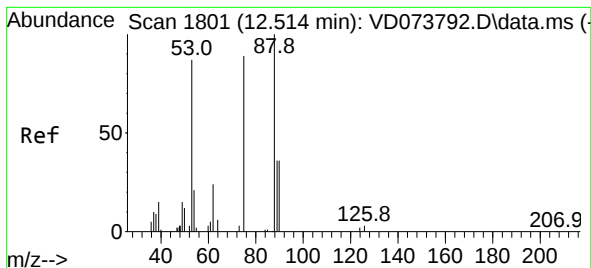
Tgt Ion: 91 Resp: 497215
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 93.924 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 105 Resp: 587353
Ion Ratio Lower Upper
105 100
120 48.4 23.8 71.4

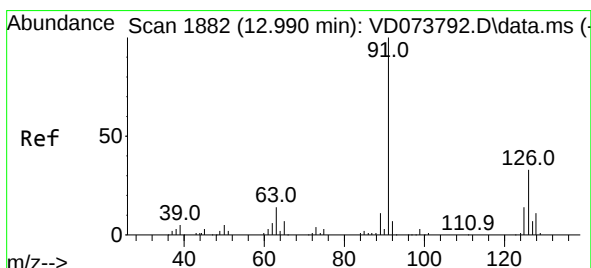
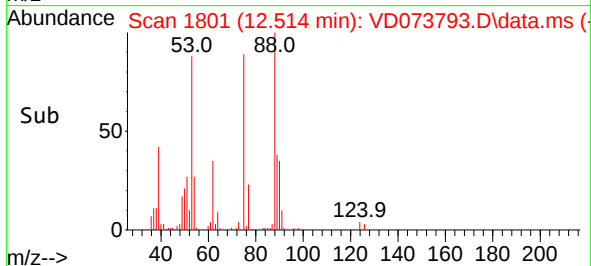
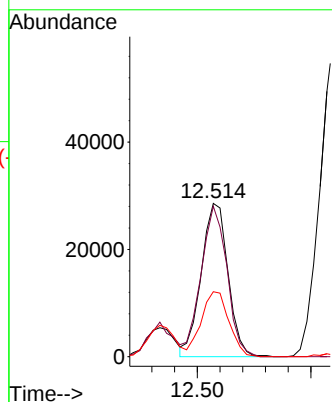
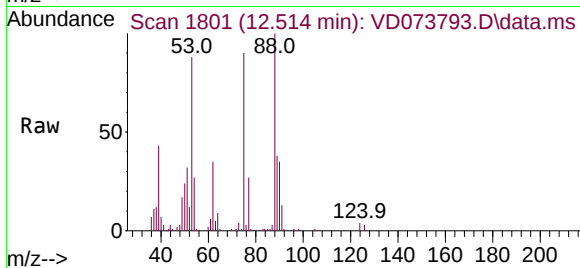




#81
trans-1,4-Dichloro-2-butene
Concen: 95.989 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

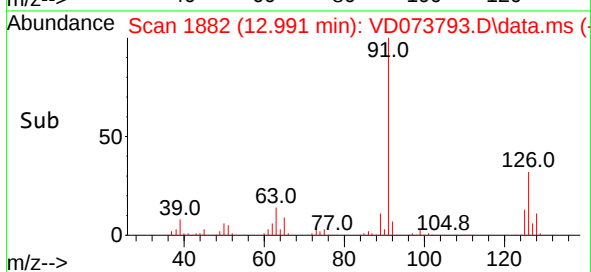
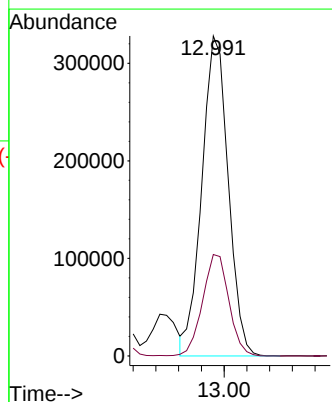
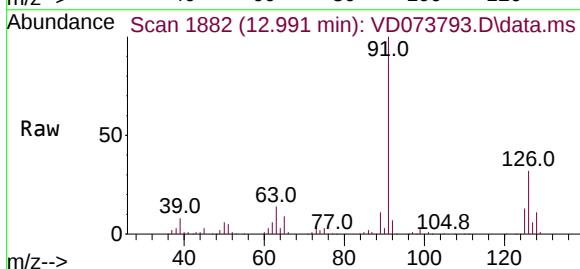
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

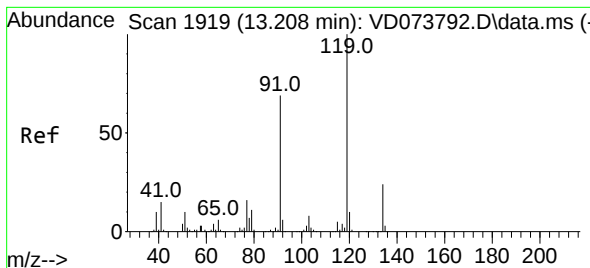
Tgt Ion: 75 Resp: 46864
Ion Ratio Lower Upper
75 100
53 95.5 77.6 116.4
89 43.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 96.501 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 91 Resp: 528610
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.2





#83

tert-Butylbenzene

Concen: 96.374 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

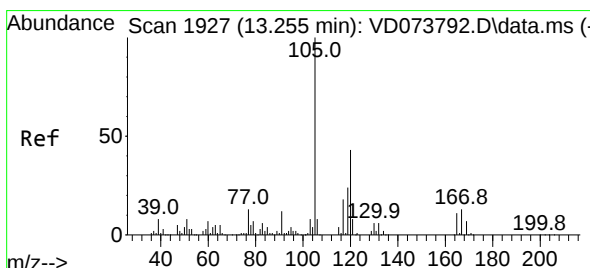
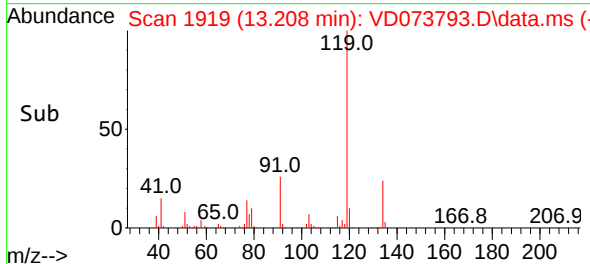
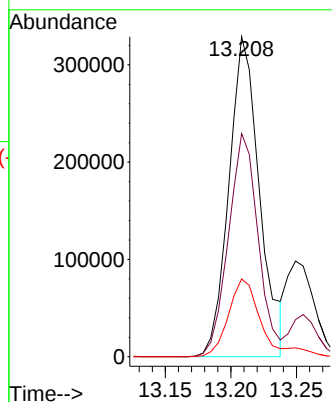
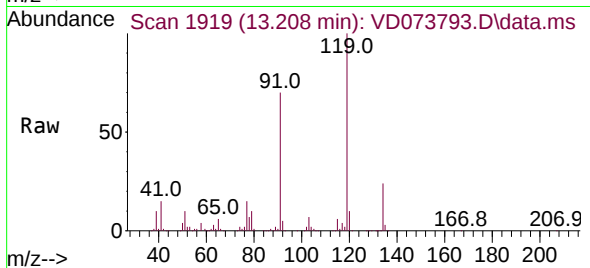
Tgt Ion:119 Resp: 535185

Ion Ratio Lower Upper

119 100

91 67.6 33.7 101.1

134 26.2 12.4 37.0



#84

1,2,4-Trimethylbenzene

Concen: 94.888 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073793.D

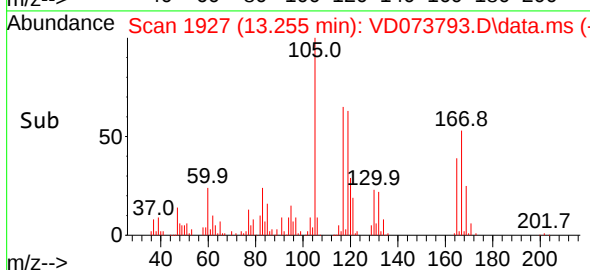
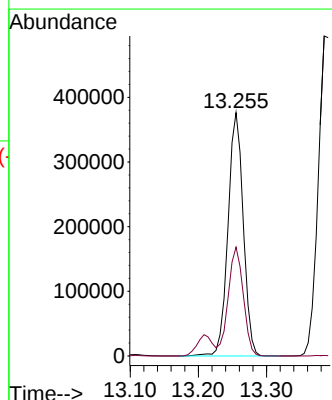
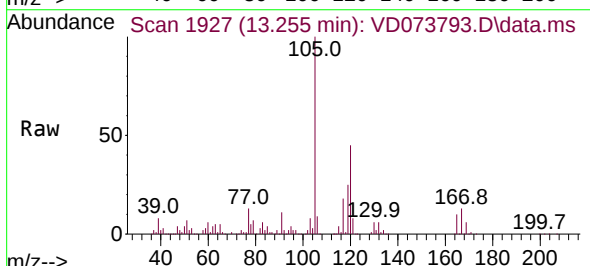
Acq: 06 Jul 2022 15:47

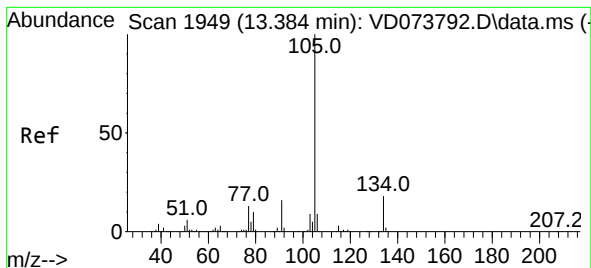
Tgt Ion:105 Resp: 585410

Ion Ratio Lower Upper

105 100

120 44.2 22.1 66.5





#85

sec-Butylbenzene

Concen: 93.317 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

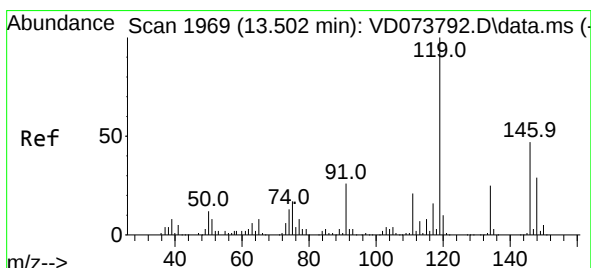
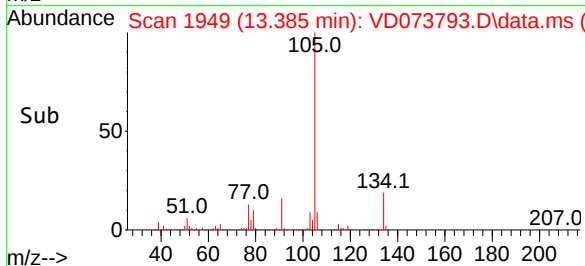
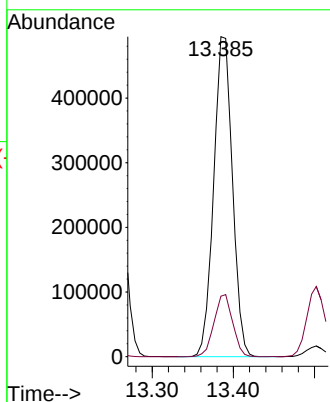
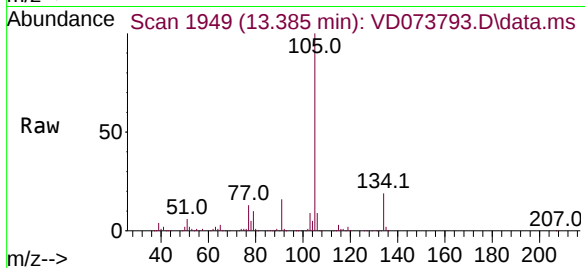
VSTDICC100

Tgt Ion:105 Resp: 795389

Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.2



#86

p-Isopropyltoluene

Concen: 94.268 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

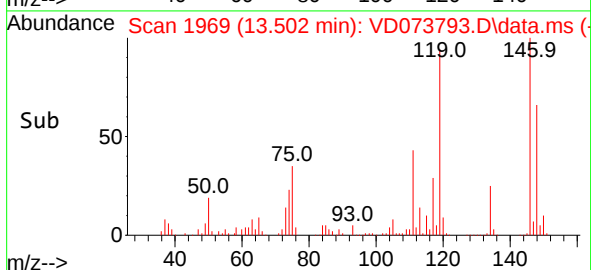
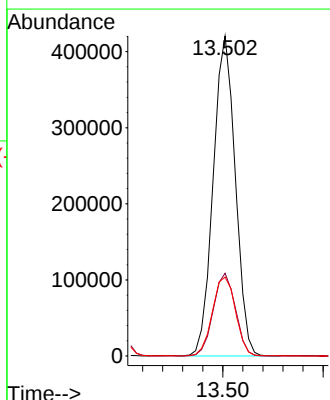
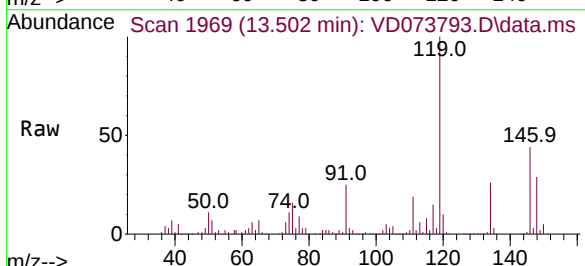
Tgt Ion:119 Resp: 643933

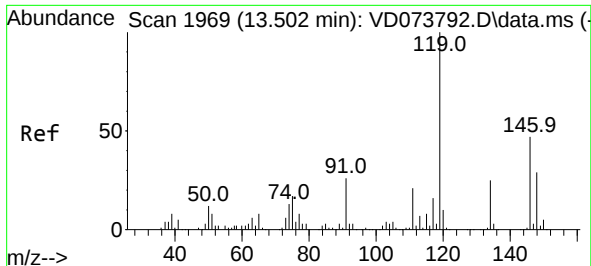
Ion Ratio Lower Upper

119 100

134 25.9 12.7 38.1

91 25.8 13.2 39.6





#87

1,3-Dichlorobenzene

Concen: 95.666 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

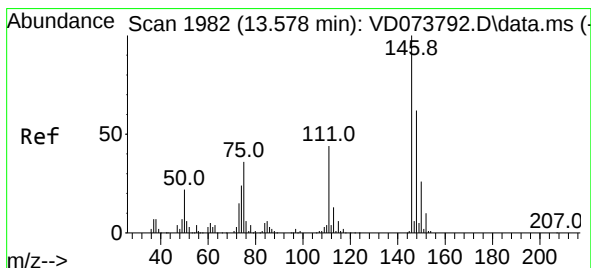
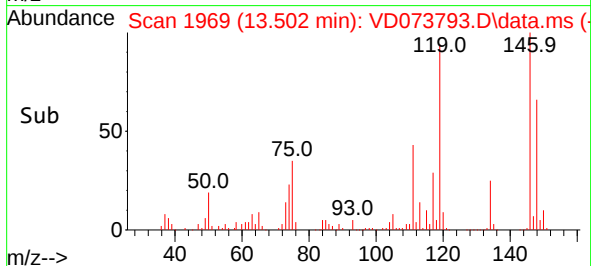
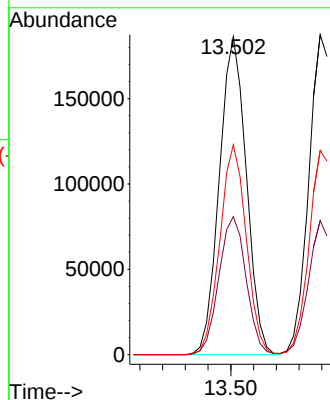
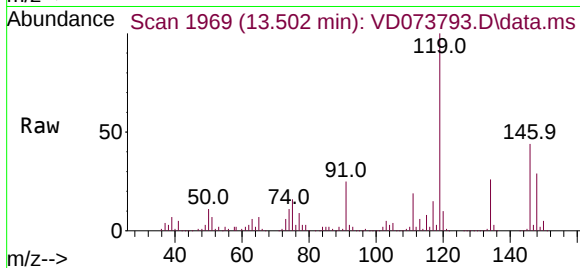
Tgt Ion:146 Resp: 307681

Ion Ratio Lower Upper

146 100

111 43.7 21.6 65.0

148 64.7 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 96.053 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

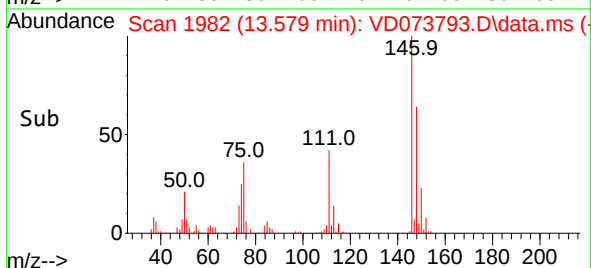
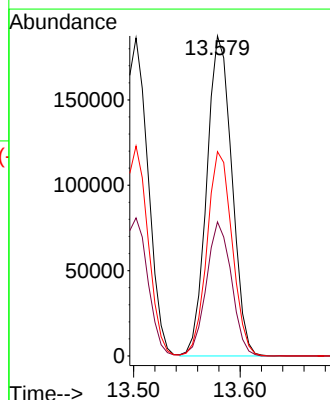
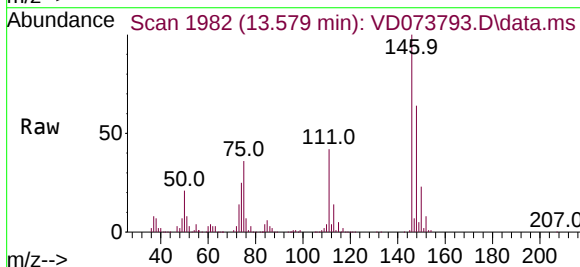
Tgt Ion:146 Resp: 307915

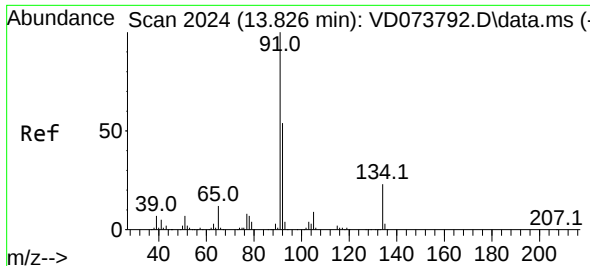
Ion Ratio Lower Upper

146 100

111 41.8 21.6 64.6

148 64.0 31.4 94.0

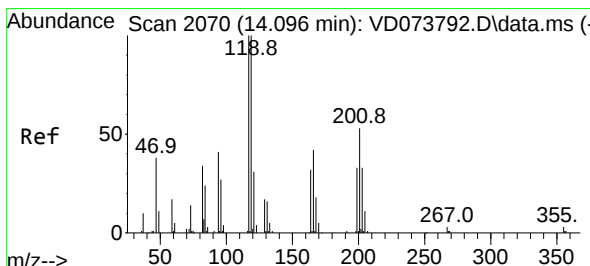
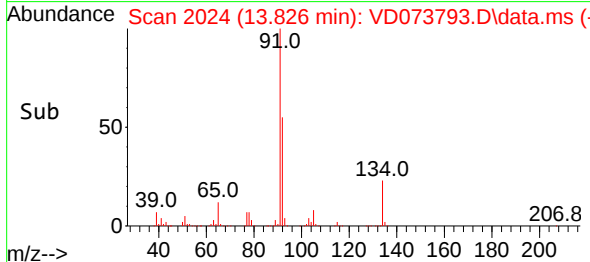
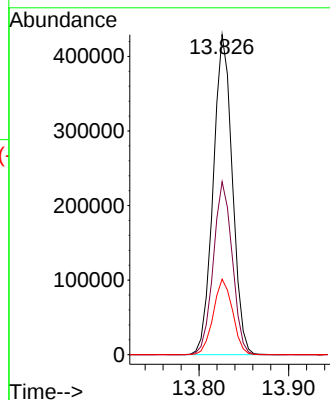
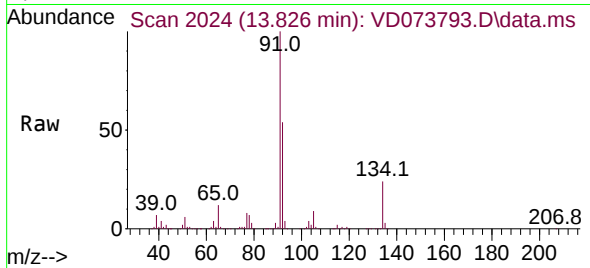




#89
n-Butylbenzene
Concen: 92.165 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

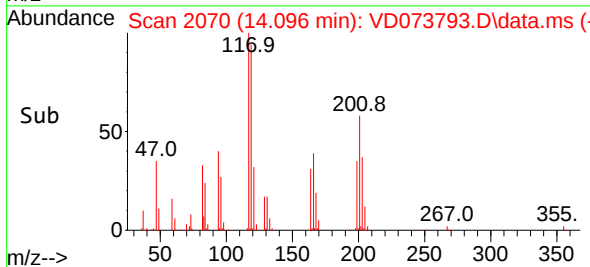
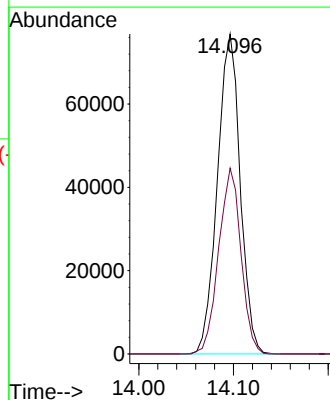
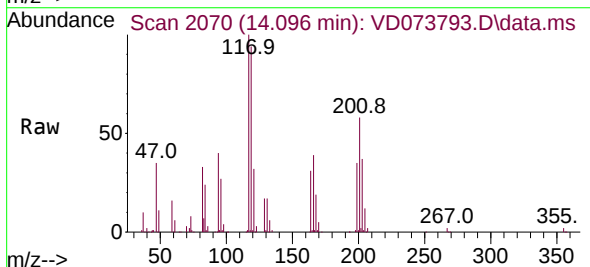
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

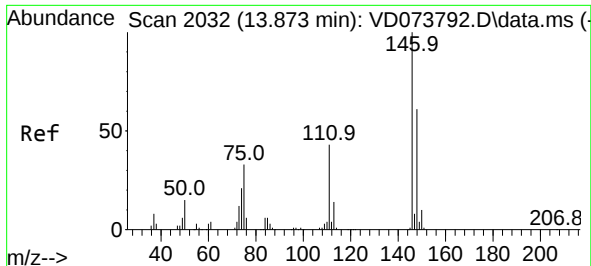
Tgt Ion: 91 Resp: 635219
Ion Ratio Lower Upper
91 100
92 53.6 26.9 80.6
134 23.8 11.9 35.9



#90
Hexachloroethane
Concen: 94.191 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion: 117 Resp: 128636
Ion Ratio Lower Upper
117 100
201 56.7 26.6 79.8





#91

1,2-Dichlorobenzene

Concen: 96.820 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

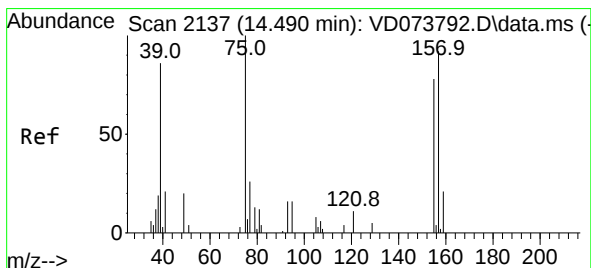
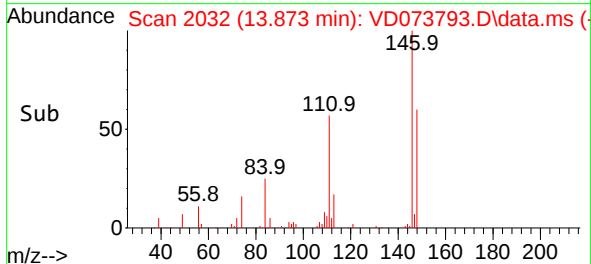
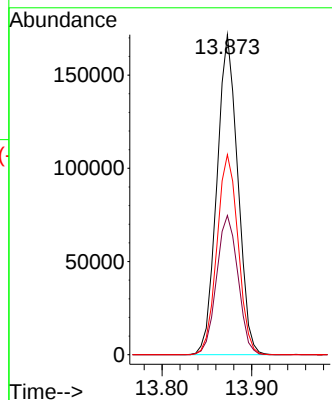
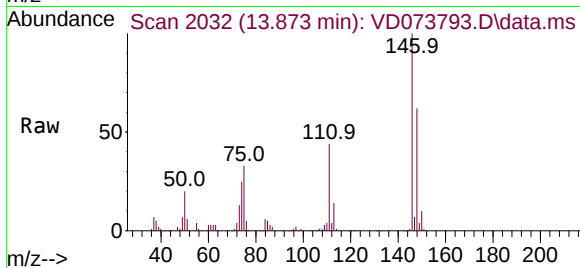
Tgt Ion:146 Resp: 276922

Ion Ratio Lower Upper

146 100

111 44.7 22.3 66.9

148 63.3 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.396 ug/l

RT: 14.485 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD073793.D

Acq: 06 Jul 2022 15:47

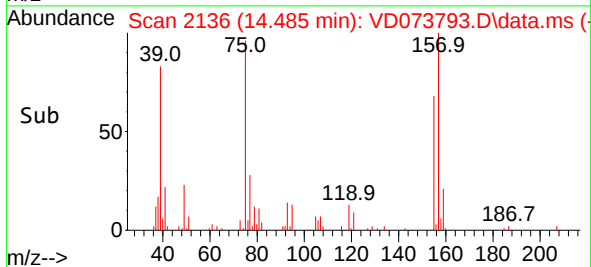
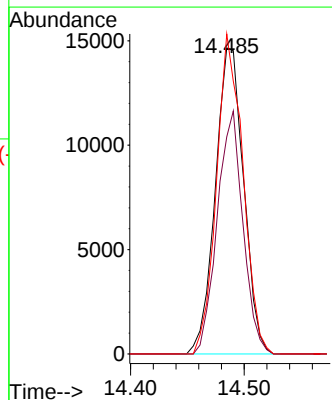
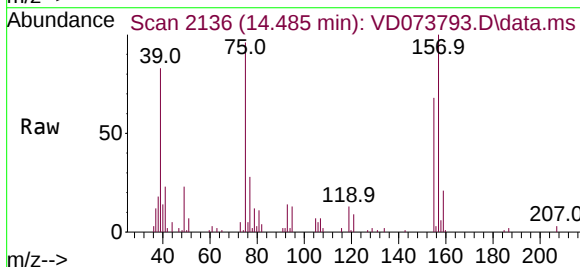
Tgt Ion: 75 Resp: 25420

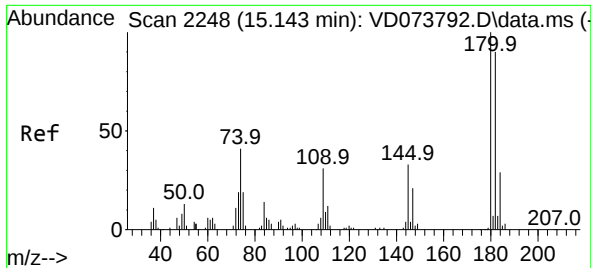
Ion Ratio Lower Upper

75 100

155 72.0 36.4 109.3

157 97.4 43.5 130.4

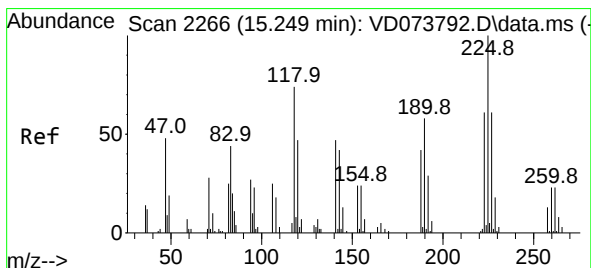
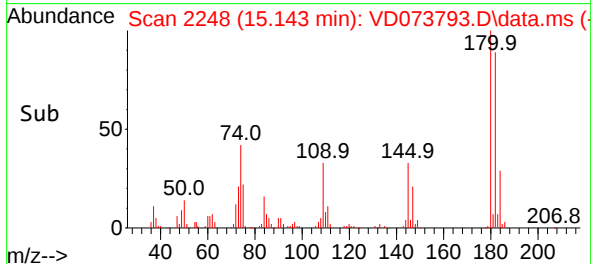
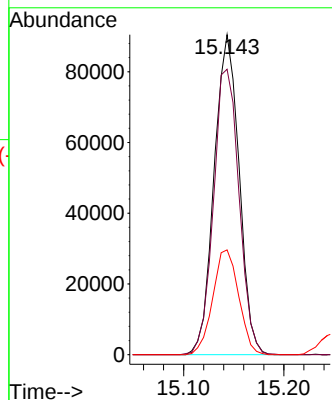
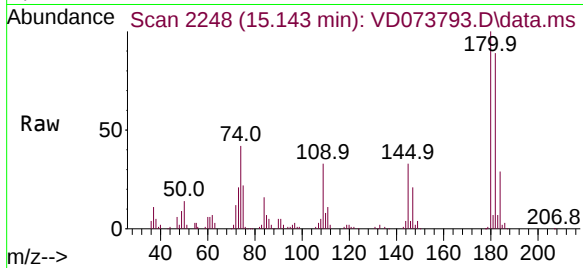




#93
1,2,4-Trichlorobenzene
Concen: 92.691 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

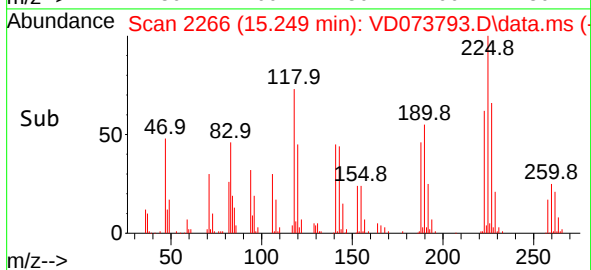
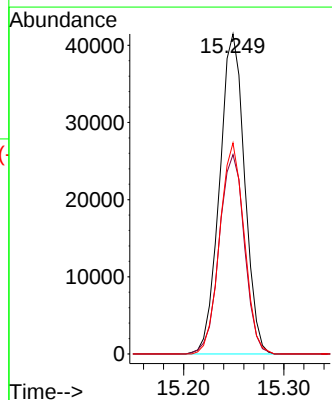
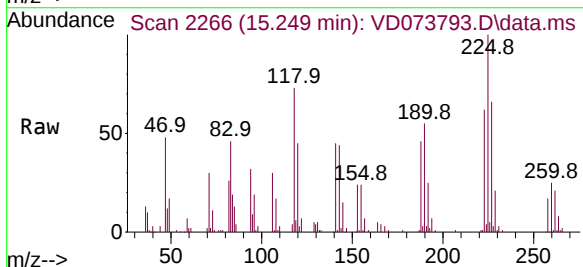
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

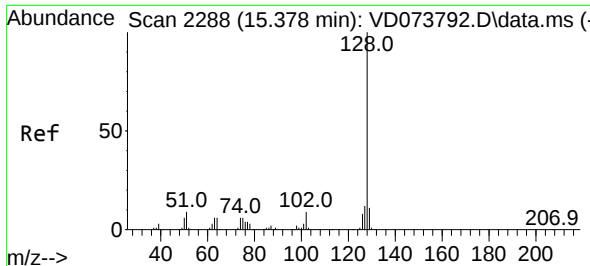
Tgt Ion:180 Resp: 156017
Ion Ratio Lower Upper
180 100
182 91.7 46.9 140.6
145 34.1 17.5 52.5



#94
Hexachlorobutadiene
Concen: 86.328 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion:225 Resp: 71747
Ion Ratio Lower Upper
225 100
223 62.8 31.5 94.5
227 64.5 31.6 94.7

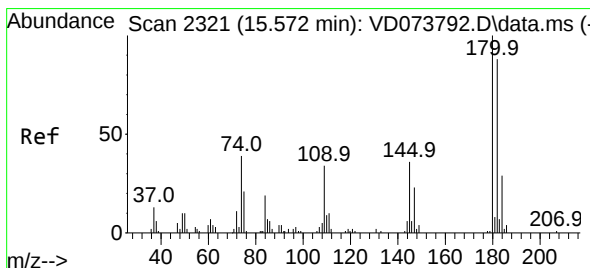
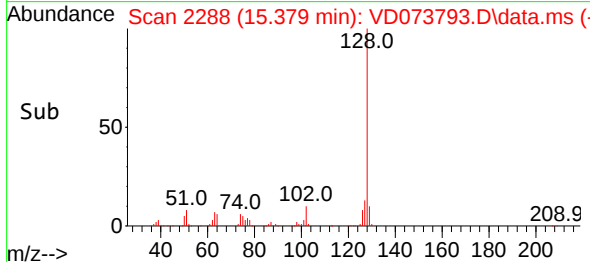
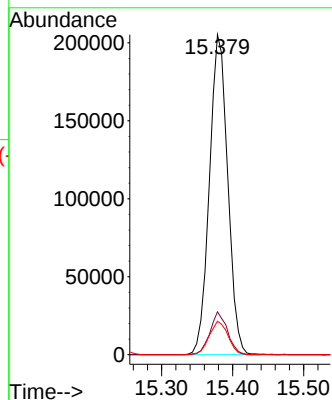
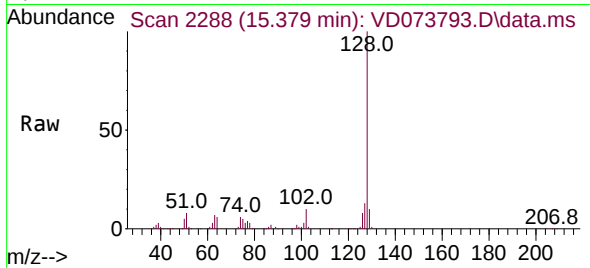




#95
Naphthalene
Concen: 97.710 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 367335
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 94.254 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.000 min
Lab File: VD073793.D
Acq: 06 Jul 2022 15:47

Tgt Ion:180 Resp: 138803
Ion Ratio Lower Upper
180 100
182 94.0 46.0 138.0
145 36.2 18.1 54.4

