

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073136.D
 Acq On : 19 May 2022 13:09
 Operator : VA/SY
 Sample : VSTDICC010
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Quant Time: May 19 14:18:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 14:16:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	335020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	582053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	544609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260561	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	37799	9.240	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.480%#
35) Dibromofluoromethane	7.903	113	39021	9.661	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.320%#
50) Toluene-d8	10.332	98	138844	9.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	18.920%#
62) 4-Bromofluorobenzene	12.620	95	48014	9.107	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	18.220%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	37943	9.245	ug/l	97
3) Chloromethane	2.209	50	41415	9.772	ug/l	97
4) Vinyl Chloride	2.350	62	37741	9.657	ug/l	100
5) Bromomethane	2.768	94	28233	10.177	ug/l	91
6) Chloroethane	2.921	64	22993	9.436	ug/l	98
7) Trichlorofluoromethane	3.268	101	66698	9.337	ug/l	100
8) Diethyl Ether	3.703	74	17149	8.815	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.097	101	39568	9.357	ug/l	97
10) Methyl Iodide	4.297	142	34260	7.995	ug/l	98
11) Tert butyl alcohol	5.179	59	34150	53.911	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	35149	9.149	ug/l	86
13) Acrolein	3.921	56	12874	39.244	ug/l	99
14) Allyl chloride	4.715	41	50960	8.385	ug/l	97
15) Acrylonitrile	5.415	53	37400	40.674	ug/l	99
16) Acetone	4.144	43	34741	47.474	ug/l	97
17) Carbon Disulfide	4.403	76	118740	9.284	ug/l	97
18) Methyl Acetate	4.715	43	17245	7.392	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	74162	8.369	ug/l	93
20) Methylene Chloride	4.956	84	52763	9.787	ug/l #	85
21) trans-1,2-Dichloroethene	5.467	96	40603	8.916	ug/l	91
22) Diisopropyl ether	6.362	45	111648	8.621	ug/l #	94
23) Vinyl Acetate	6.303	43	236735	34.111	ug/l	100
24) 1,1-Dichloroethane	6.256	63	74580	9.206	ug/l	97
25) 2-Butanone	7.209	43	45904	41.260	ug/l	100
26) 2,2-Dichloropropane	7.203	77	64572	9.382	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	44834	8.929	ug/l	93
28) Bromochloromethane	7.544	49	23586	8.476	ug/l #	82
29) Tetrahydrofuran	7.556	42	28843	40.540	ug/l	92
30) Chloroform	7.709	83	80505	9.311	ug/l	98
31) Cyclohexane	7.979	56	68857	9.268	ug/l #	88
32) 1,1,1-Trichloroethane	7.903	97	71142	9.577	ug/l	93
36) 1,1-Dichloropropene	8.109	75	58992	8.986	ug/l	97
37) Ethyl Acetate	7.285	43	22208	8.230	ug/l #	93
38) Carbon Tetrachloride	8.091	117	58739	8.748	ug/l	99
39) Methylcyclohexane	9.350	83	61532	8.075	ug/l	95
40) Benzene	8.344	78	168443	9.017	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	14062	9.405	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	46582	8.628	ug/l	96
43) Isopropyl Acetate	8.444	43	40604	8.052	ug/l #	91
44) Trichloroethene	9.108	130	44757	8.811	ug/l	94
45) 1,2-Dichloropropane	9.379	63	41917	8.655	ug/l	95
46) Dibromomethane	9.467	93	22787	8.531	ug/l	94
47) Bromodichloromethane	9.656	83	60004	8.839	ug/l	99
48) Methyl methacrylate	9.450	41	20189	8.132	ug/l #	88
49) 1,4-Dioxane	9.461	88	4537	165.278	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	107408	41.017	ug/l	98
52) Toluene	10.397	92	104261	8.765	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	52578	8.530	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	62957	8.619	ug/l #	87
55) 1,1,2-Trichloroethane	10.791	97	33187	9.125	ug/l	99
56) Ethyl methacrylate	10.655	69	31213	7.613	ug/l	87
57) 1,3-Dichloropropane	10.938	76	52008	8.400	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	50880	27.842	ug/l	96
59) 2-Hexanone	10.979	43	66924	38.707	ug/l	96
60) Dibromochloromethane	11.132	129	39724	8.784	ug/l	98
61) 1,2-Dibromoethane	11.238	107	29781	8.505	ug/l	99
64) Tetrachloroethene	10.867	164	38900	9.867	ug/l	95
65) Chlorobenzene	11.661	112	111945	9.185	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	42078	9.035	ug/l	98
67) Ethyl Benzene	11.738	91	191215	8.994	ug/l	100
68) m/p-Xylenes	11.844	106	149264	18.054	ug/l	98
69) o-Xylene	12.167	106	65653	8.649	ug/l	96
70) Styrene	12.185	104	115412	8.734	ug/l	98
71) Bromoform	12.349	173	22304	9.217	ug/l #	96
73) Isopropylbenzene	12.467	105	175320	8.910	ug/l	98
74) N-amyl acetate	12.279	43	38244	8.500	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	35983	9.453	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	42817	14.837	ug/l #	100
77) Bromobenzene	12.749	156	41207	8.862	ug/l	98
78) n-propylbenzene	12.808	91	224716	9.107	ug/l	99
79) 2-Chlorotoluene	12.897	91	130343	9.101	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	150994	9.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	10439	8.699	ug/l	87
82) 4-Chlorotoluene	12.996	91	137336	9.051	ug/l	94
83) tert-Butylbenzene	13.214	119	124590	8.794	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	151211	9.126	ug/l	97
85) sec-Butylbenzene	13.391	105	198873	9.240	ug/l	99
86) p-Isopropyltoluene	13.502	119	159841	9.144	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	88624	9.274	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	90834	9.604	ug/l	99
89) n-Butylbenzene	13.826	91	149256	8.787	ug/l	99
90) Hexachloroethane	14.096	117	34190	9.404	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	75139	9.062	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	5285	8.958	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	40285	8.522	ug/l	96
94) Hexachlorobutadiene	15.249	225	24143	9.151	ug/l	98
95) Naphthalene	15.385	128	66562	7.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	35539	8.478	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu May 19 14:16:43 2022
Response via : Initial Calibration

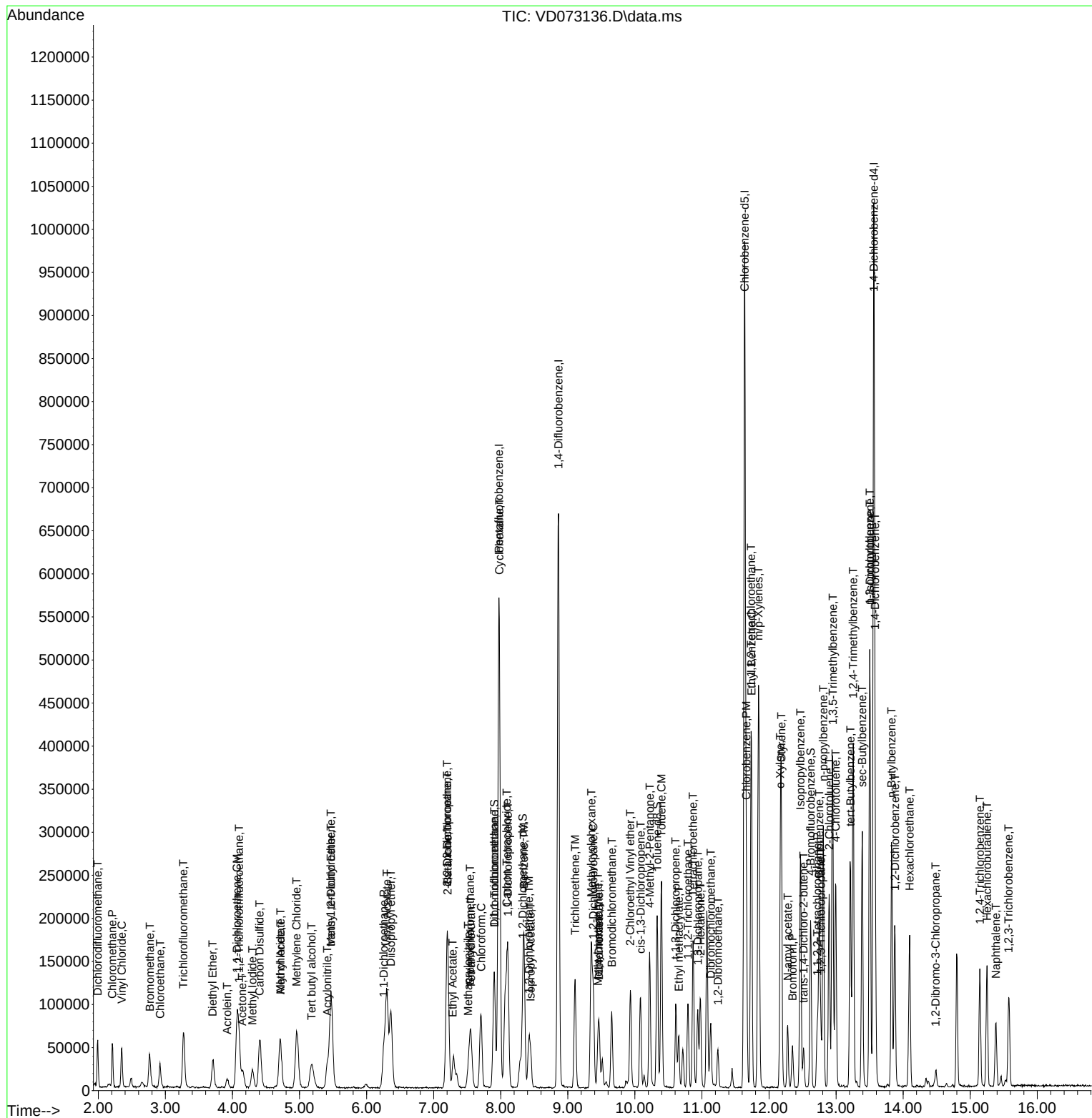
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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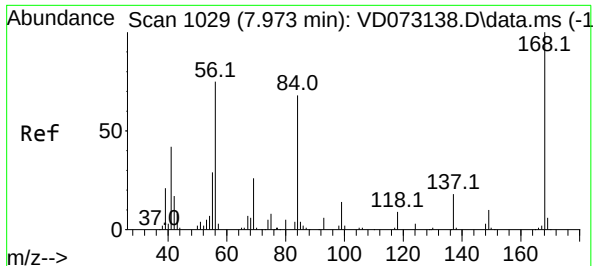
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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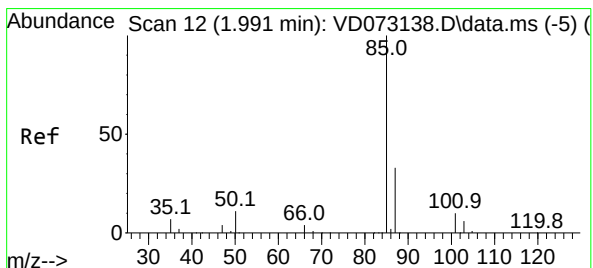
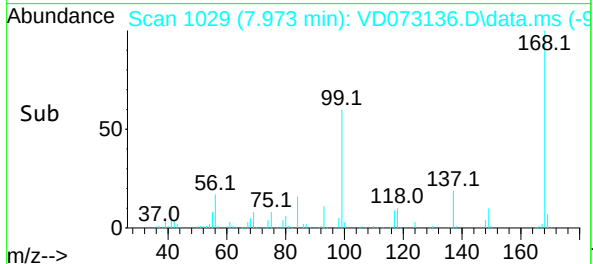
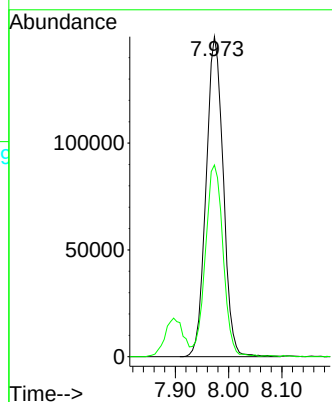
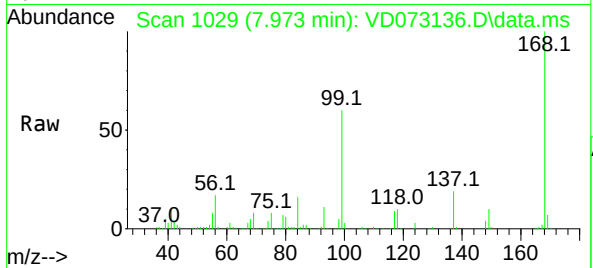




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073136.D
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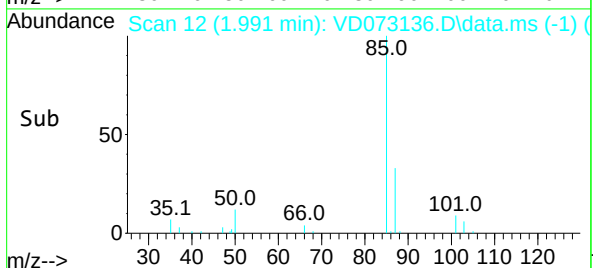
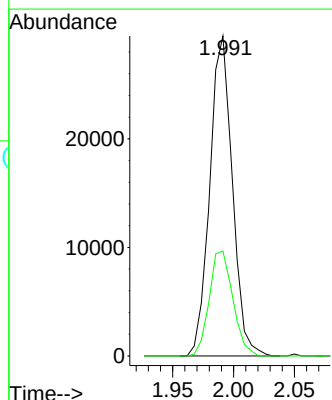
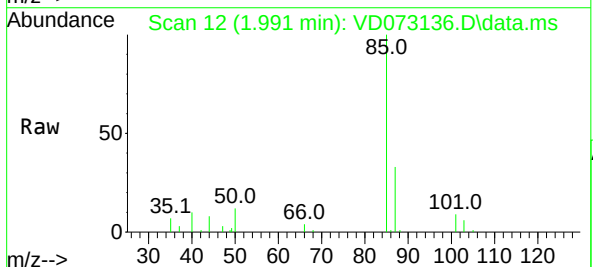
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

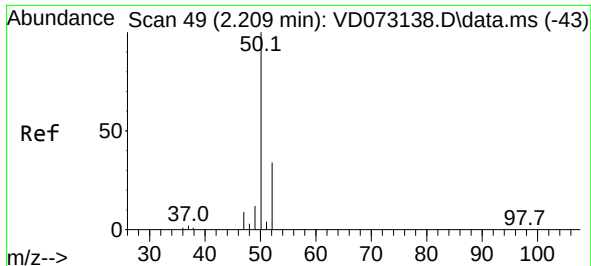
Tgt Ion:168 Resp: 335020
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 9.245 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 85 Resp: 37943
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0

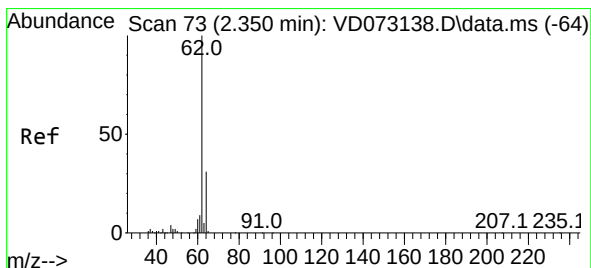
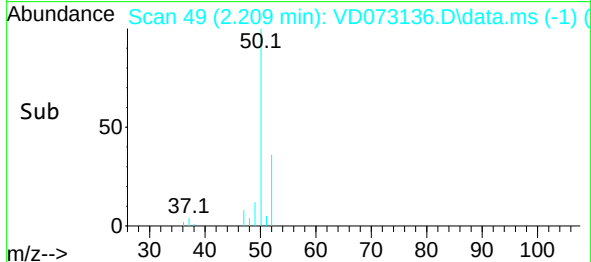
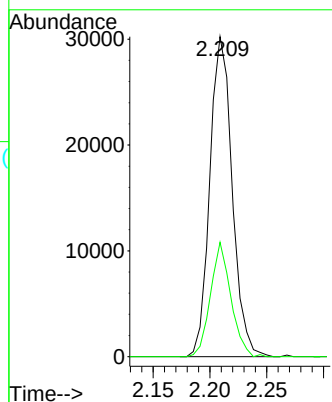
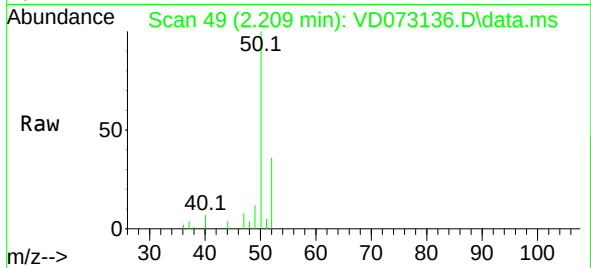




#3
Chloromethane
Concen: 9.772 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

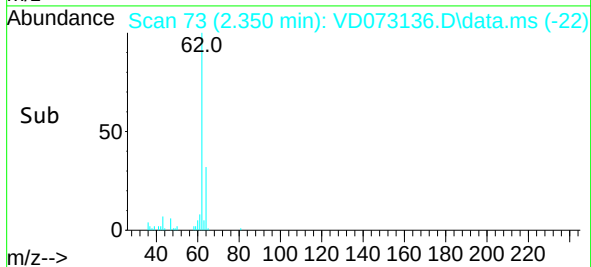
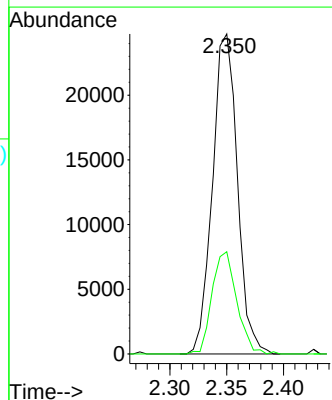
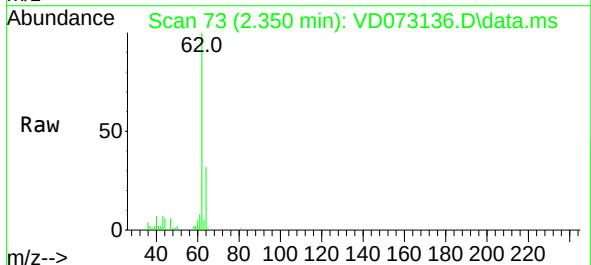
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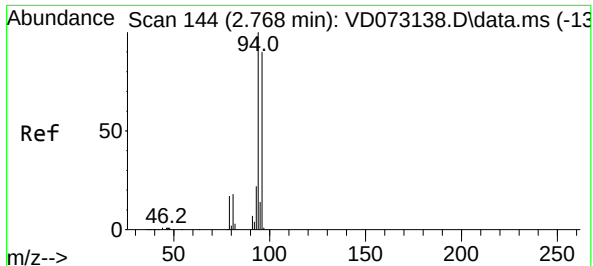
Tgt Ion: 50 Resp: 41415
Ion Ratio Lower Upper
50 100
52 35.7 27.4 41.0



#4
Vinyl Chloride
Concen: 9.657 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 62 Resp: 37741
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

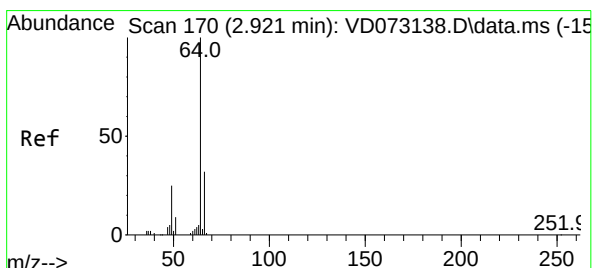
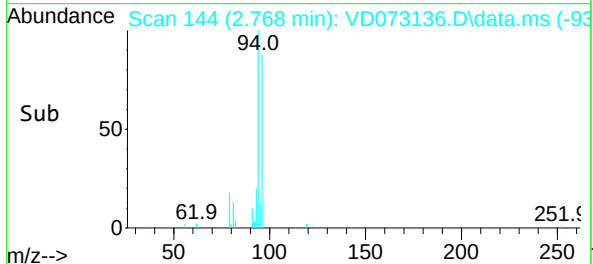
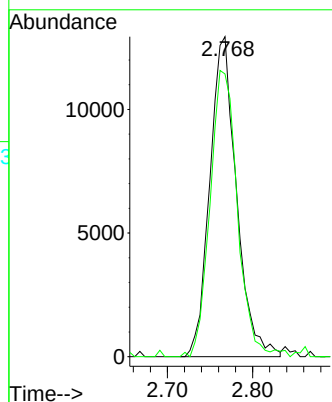
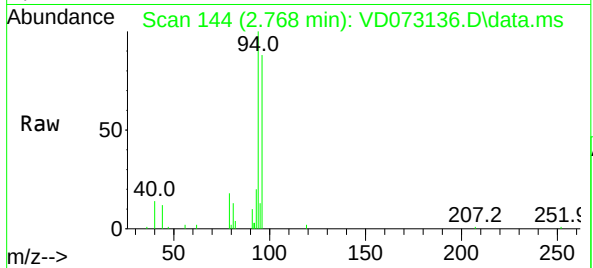




#5
Bromomethane
Concen: 10.177 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD073136.D
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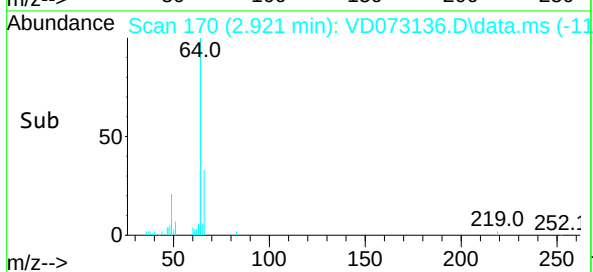
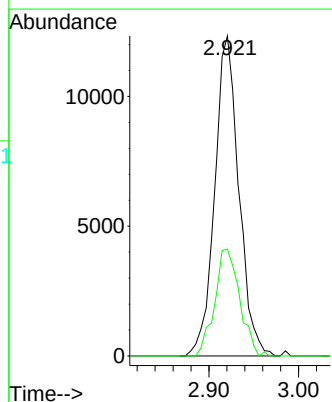
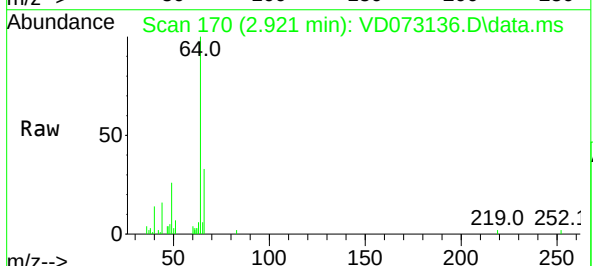
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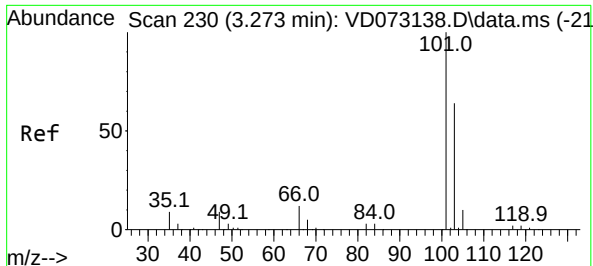
Tgt Ion: 94 Resp: 28233
Ion Ratio Lower Upper
94 100
96 88.4 77.6 116.4



#6
Chloroethane
Concen: 9.436 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 64 Resp: 22993
Ion Ratio Lower Upper
64 100
66 33.4 25.9 38.9

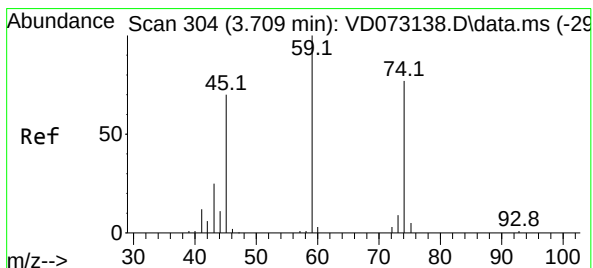
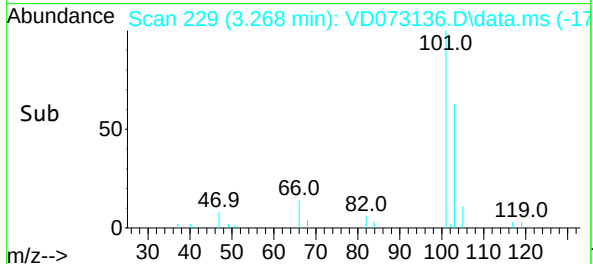
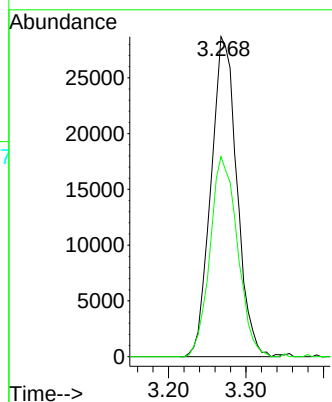
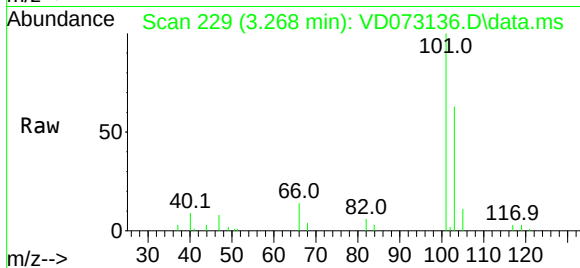




#7
 Trichlorofluoromethane
 Concen: 9.337 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

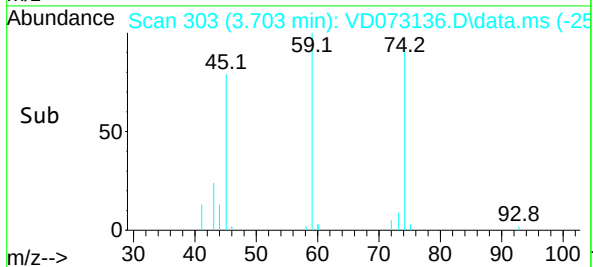
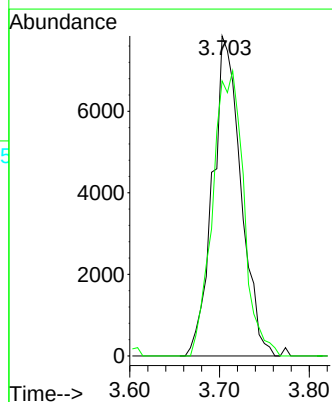
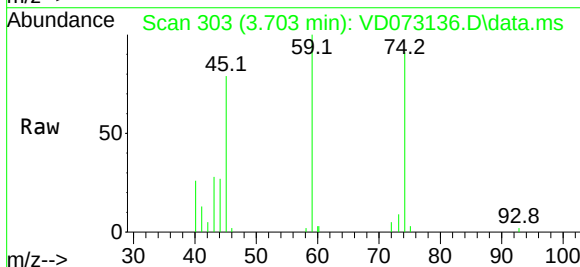
Instrument :
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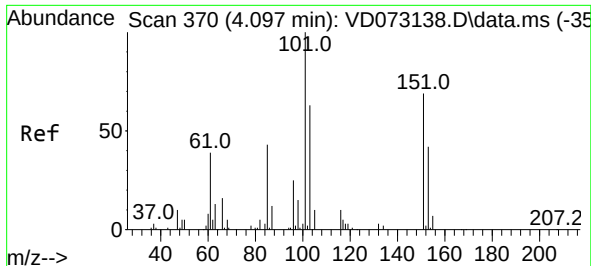
Tgt Ion:101 Resp: 66698
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 8.815 ug/l
 RT: 3.703 min Scan# 303
 Delta R.T. -0.006 min
 Lab File: VD073136.D
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Tgt Ion: 74 Resp: 17149
 Ion Ratio Lower Upper
 74 100
 45 97.6 52.6 157.8

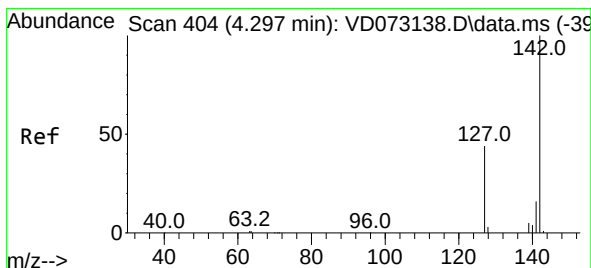
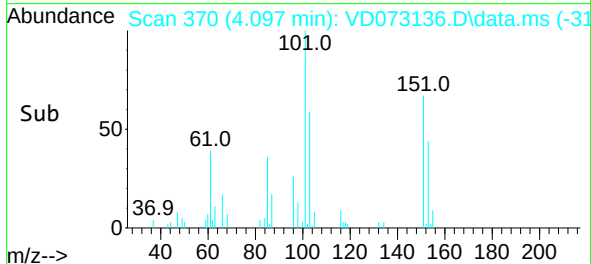
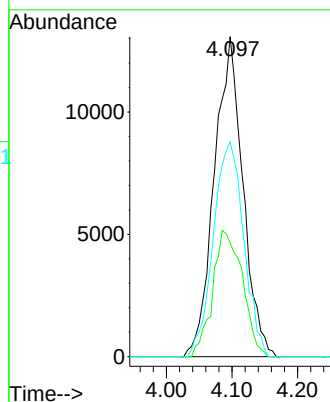
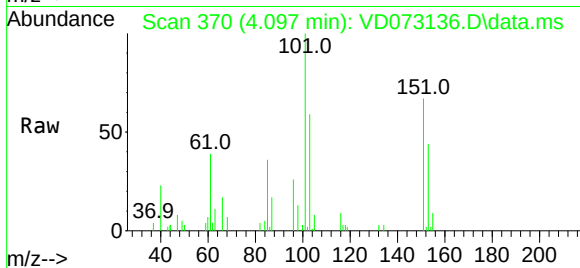




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.357 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

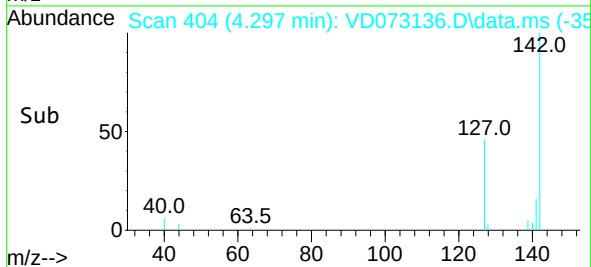
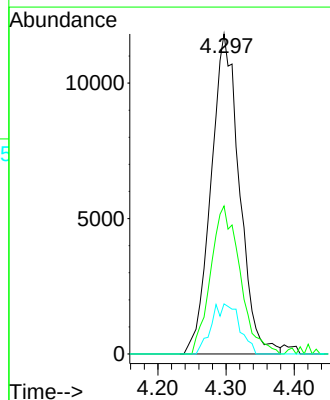
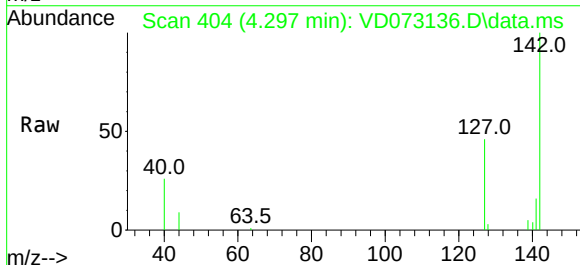
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

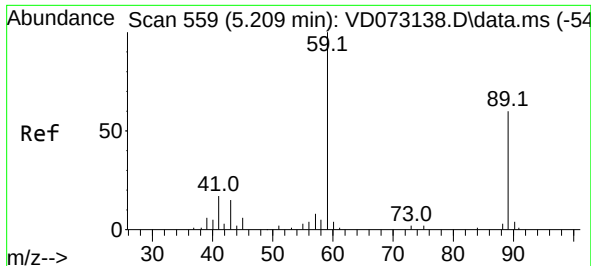
Tgt Ion:	101	Resp:	39568
Ion	Ratio	Lower	Upper
101	100		
85	41.1	36.4	54.6
151	71.5	57.3	85.9



#10
 Methyl Iodide
 Concen: 7.995 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

Tgt Ion:	142	Resp:	34260
Ion	Ratio	Lower	Upper
142	100		
127	48.0	37.3	55.9
141	15.6	11.7	17.5





#11

Tert butyl alcohol

Concen: 53.911 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

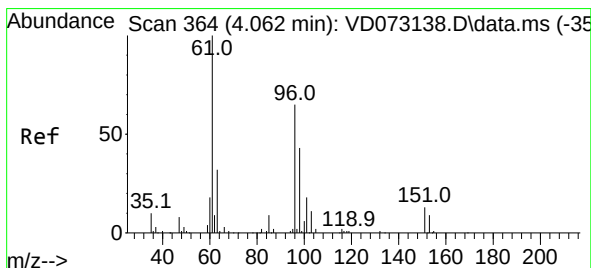
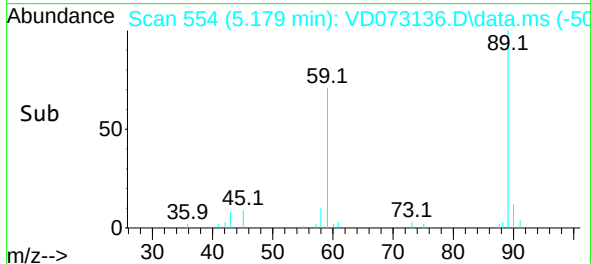
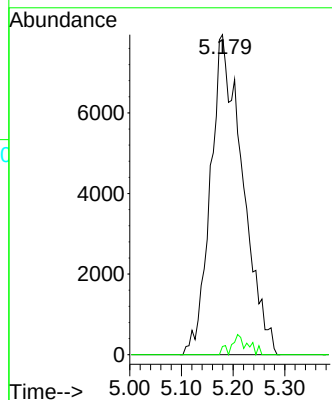
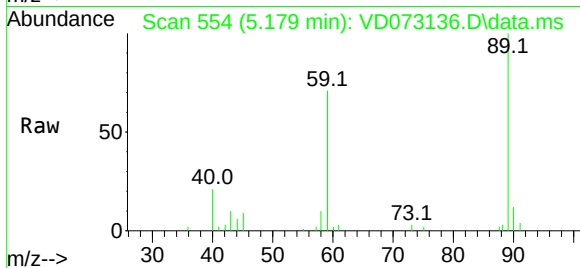
VSTDIC010

Tgt Ion: 59 Resp: 34150

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 9.149 ug/l

RT: 4.068 min Scan# 365

Delta R.T. 0.006 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

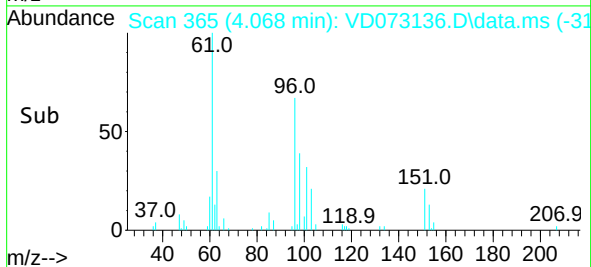
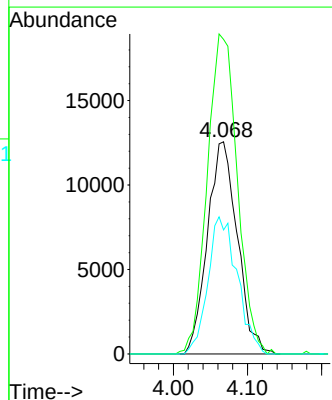
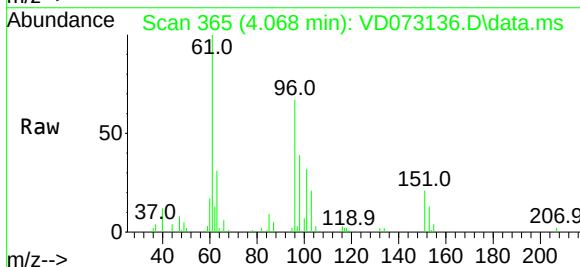
Tgt Ion: 96 Resp: 35149

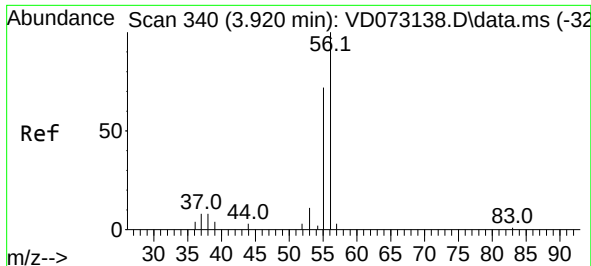
Ion Ratio Lower Upper

96 100

61 148.2 138.5 207.7

98 58.4 48.6 73.0

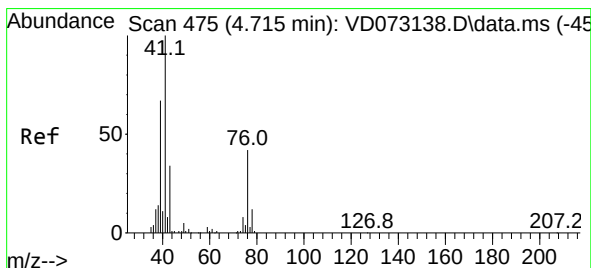
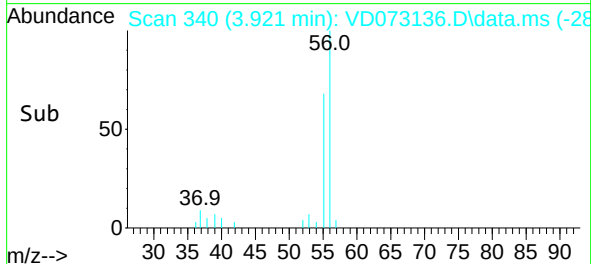
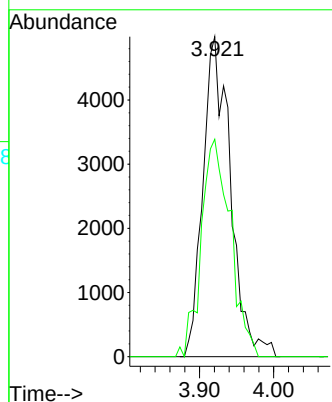
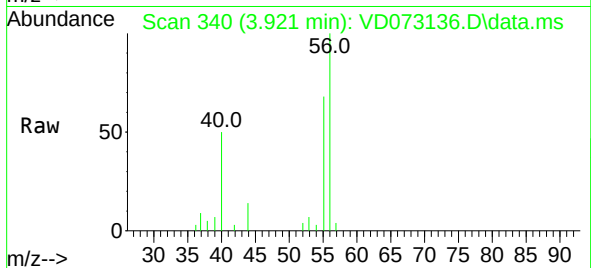




#13
Acrolein
Concen: 39.244 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

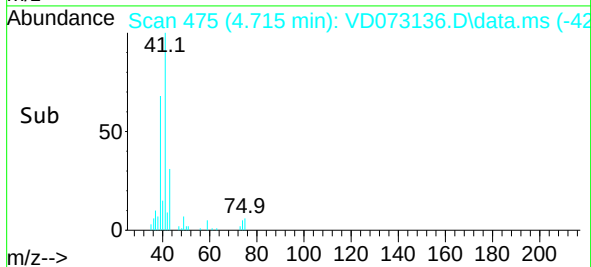
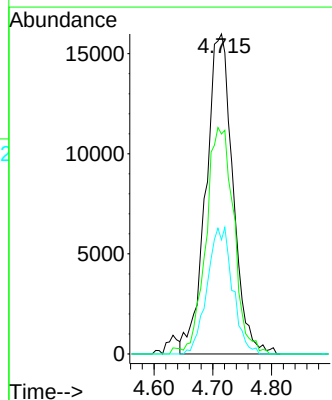
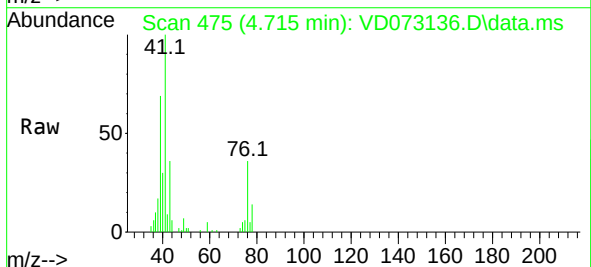
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

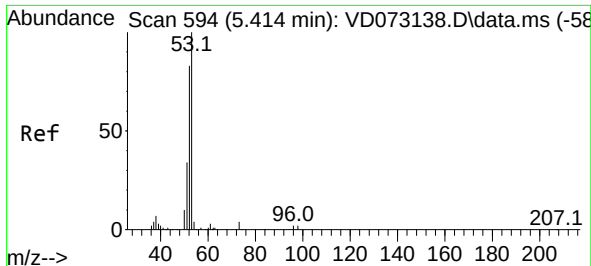
Tgt Ion: 56 Resp: 12874
Ion Ratio Lower Upper
56 100
55 72.2 57.1 85.7



#14
Allyl chloride
Concen: 8.385 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 41 Resp: 50960
Ion Ratio Lower Upper
41 100
39 73.4 59.3 88.9
76 37.2 25.7 38.5

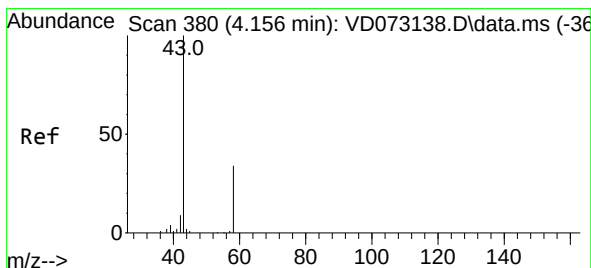
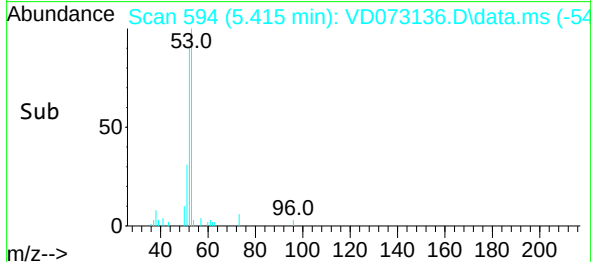
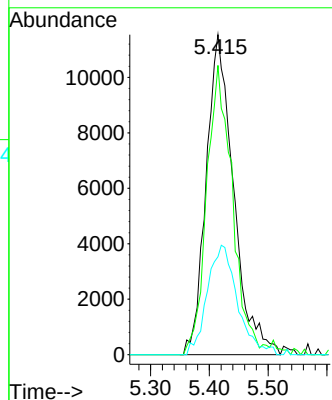
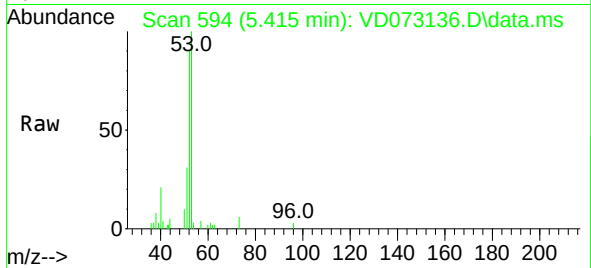




#15
Acrylonitrile
Concen: 40.674 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

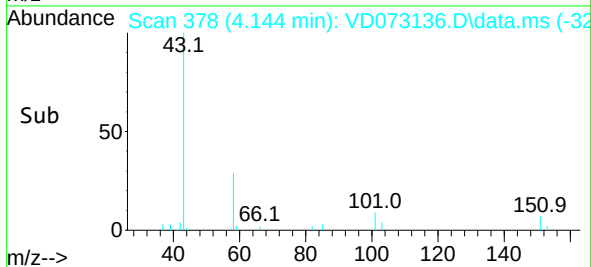
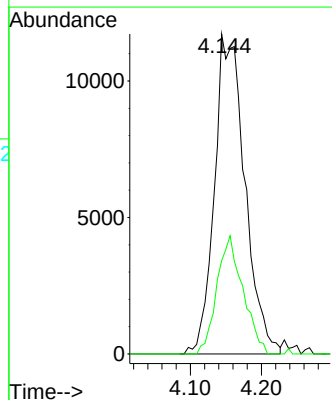
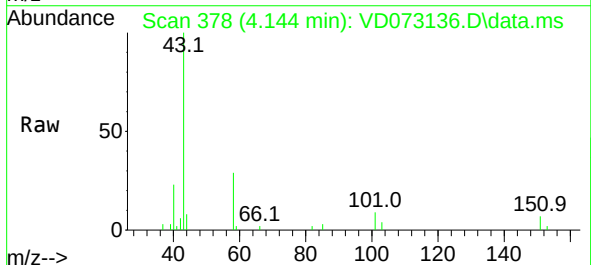
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

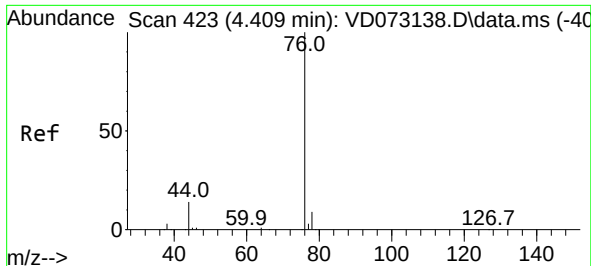
Tgt Ion: 53	Resp: 37400
Ion Ratio	Lower Upper
53 100	
52 84.7	67.2 100.8
51 37.6	30.3 45.5



#16
Acetone
Concen: 47.474 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 43	Resp: 34741
Ion Ratio	Lower Upper
43 100	
58 29.2	22.1 33.1

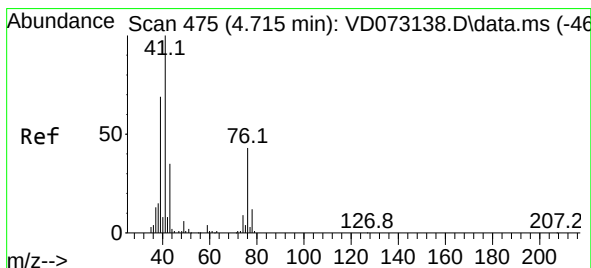
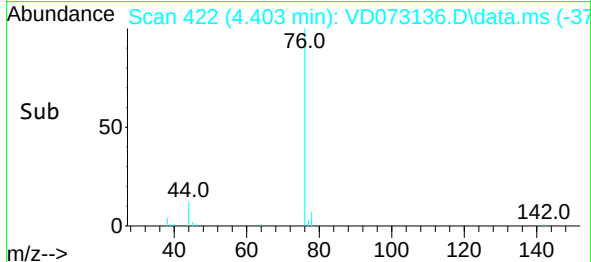
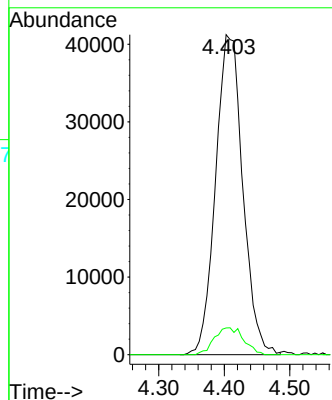
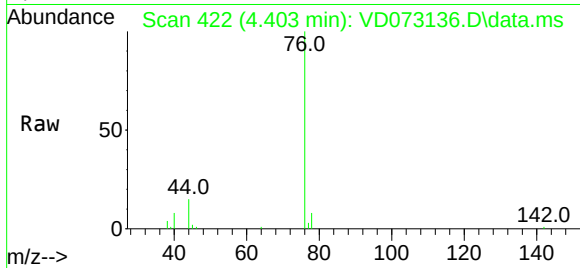




#17
Carbon Disulfide
Concen: 9.284 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

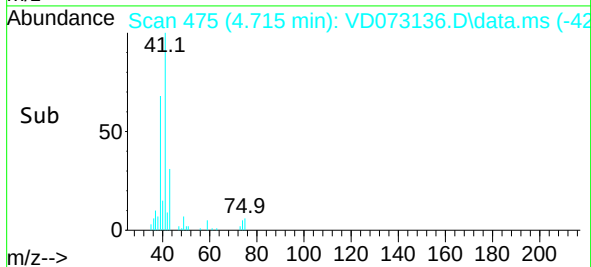
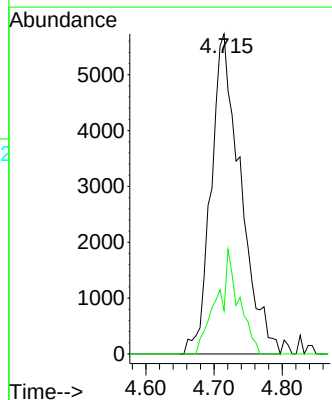
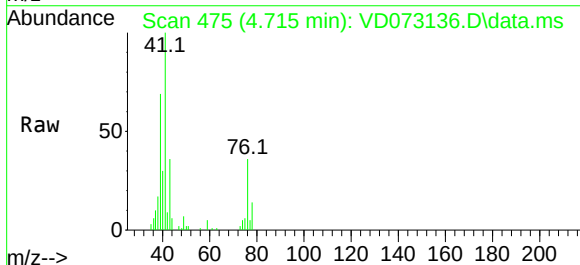
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

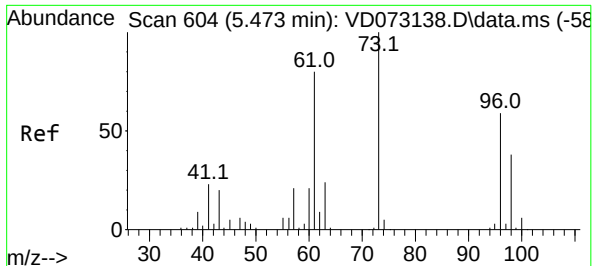
Tgt Ion: 76 Resp: 118740
Ion Ratio Lower Upper
76 100
78 8.3 7.5 11.3



#18
Methyl Acetate
Concen: 7.392 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 43 Resp: 17245
Ion Ratio Lower Upper
43 100
74 24.4 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 8.369 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

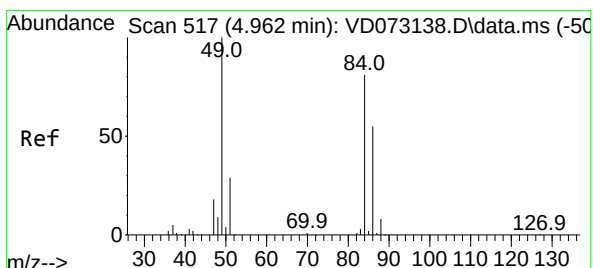
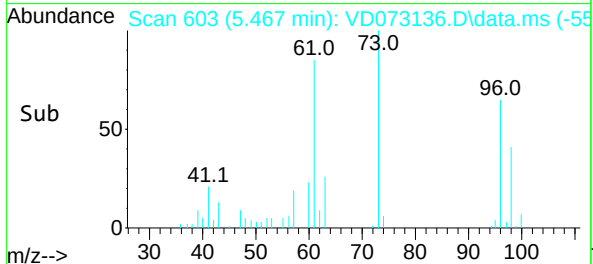
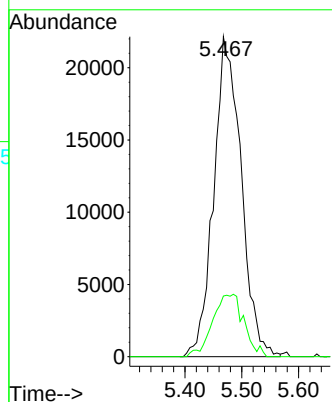
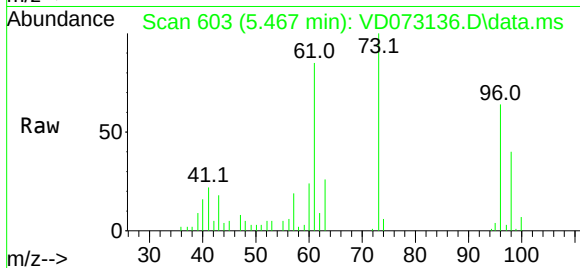
VSTDIC010

Tgt Ion: 73 Resp: 74162

Ion Ratio Lower Upper

73 100

57 18.9 18.0 27.0



#20

Methylene Chloride

Concen: 9.787 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Tgt Ion: 84 Resp: 52763

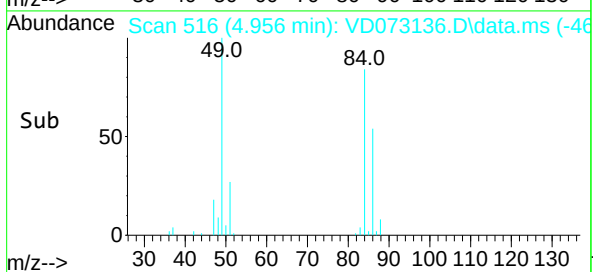
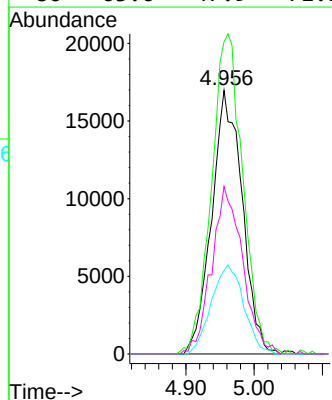
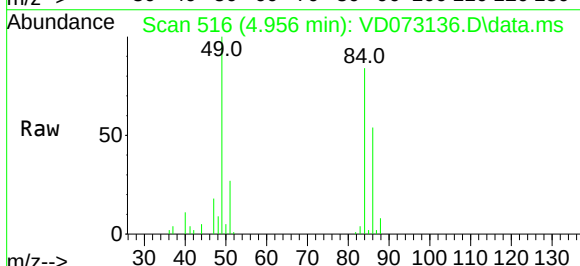
Ion Ratio Lower Upper

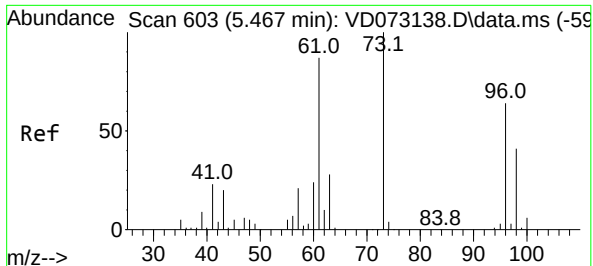
84 100

49 117.5 112.8 169.2

51 31.7 32.6 48.8#

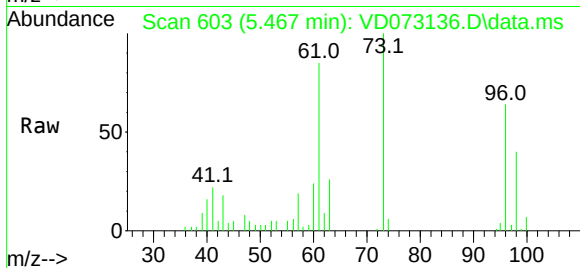
86 63.6 47.9 71.9



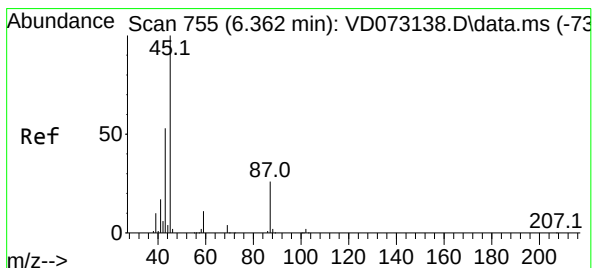
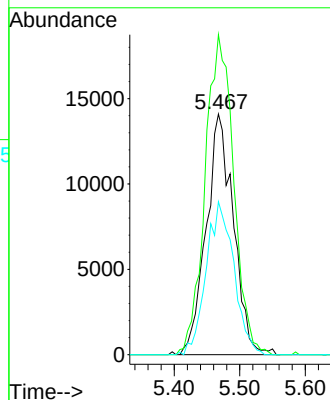
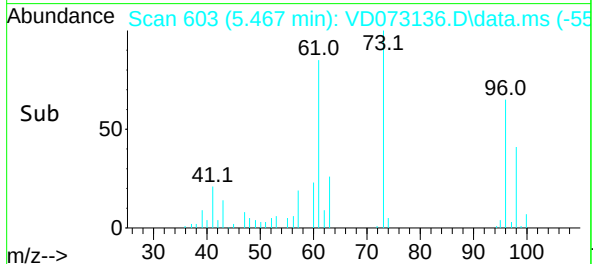


#21
trans-1,2-Dichloroethene
Concen: 8.916 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

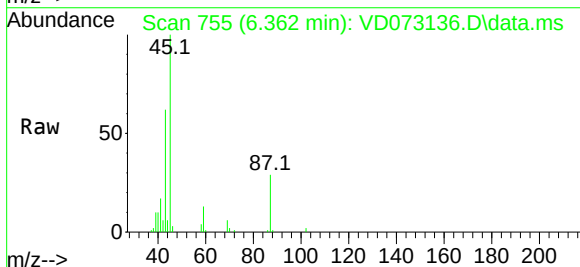
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010



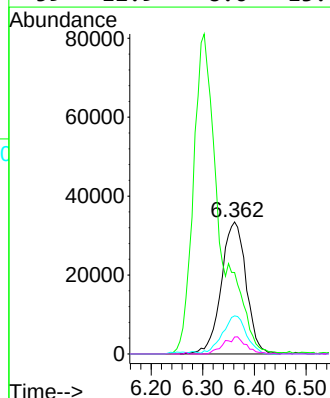
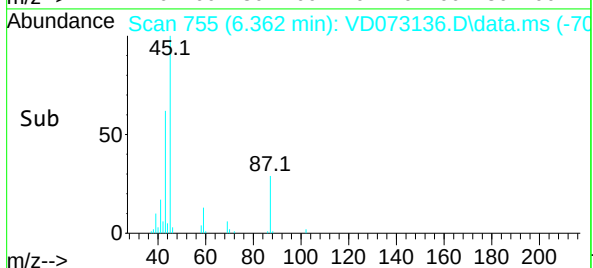
Tgt Ion: 96 Resp: 40603
Ion Ratio Lower Upper
96 100
61 133.0 117.9 176.9
98 63.6 49.4 74.2

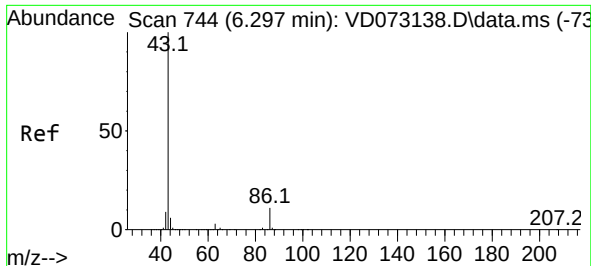


#22
Diisopropyl ether
Concen: 8.621 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09



Tgt Ion: 45 Resp: 111648
Ion Ratio Lower Upper
45 100
43 60.7 46.6 70.0
87 28.9 18.4 27.6#
59 12.9 8.6 13.0

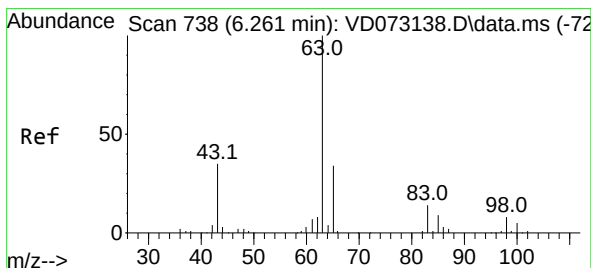
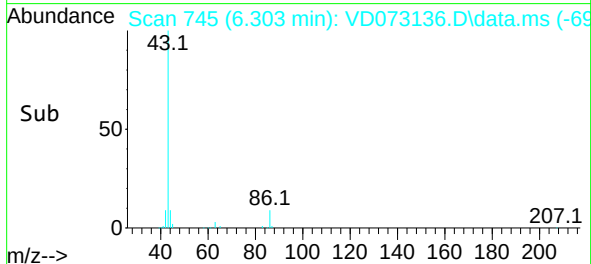
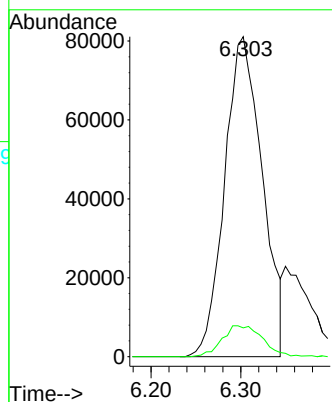
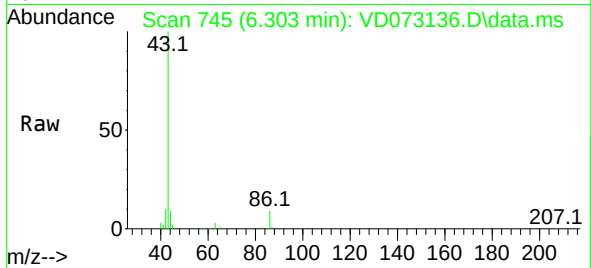




#23
 Vinyl Acetate
 Concen: 34.111 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

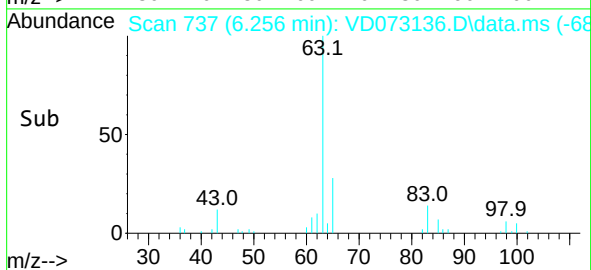
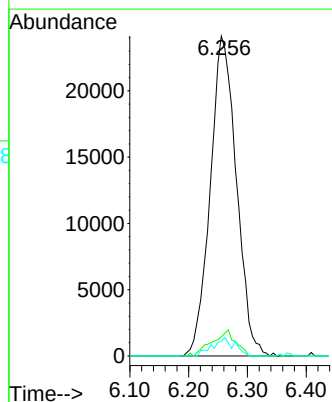
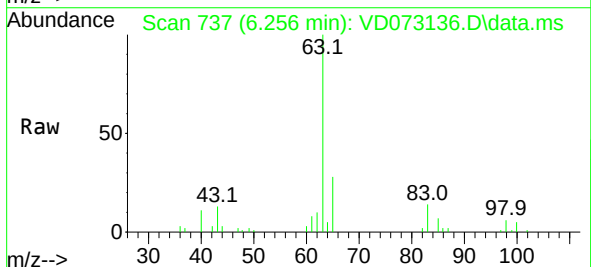
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

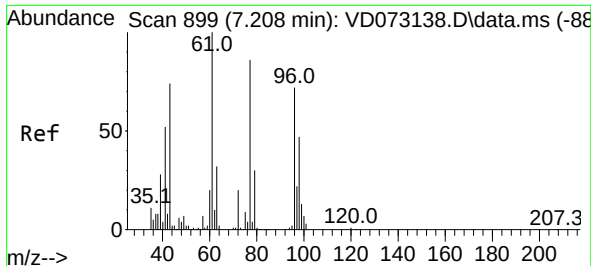
Tgt Ion: 43 Resp: 236735
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 9.206 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

Tgt Ion: 63 Resp: 74580
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.6 10.9
 100 4.5 2.1 6.5

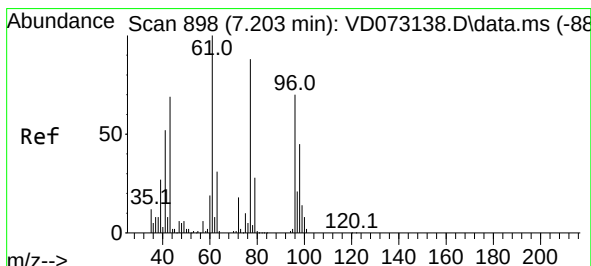
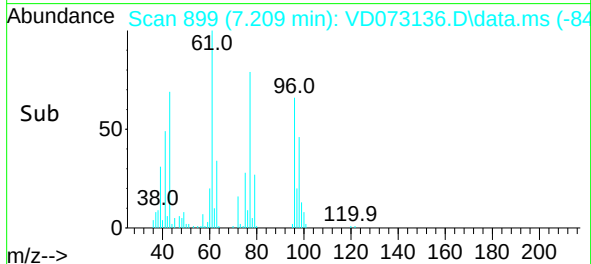
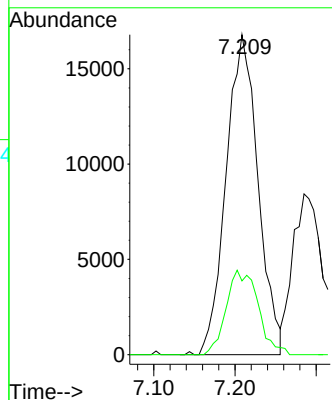
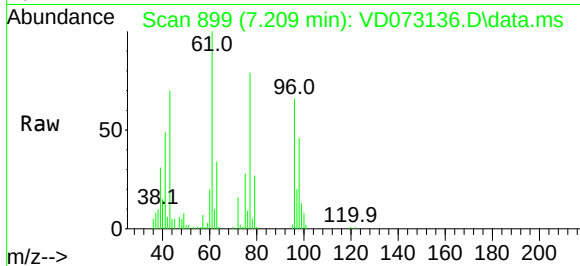




#25
2-Butanone
Concen: 41.260 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

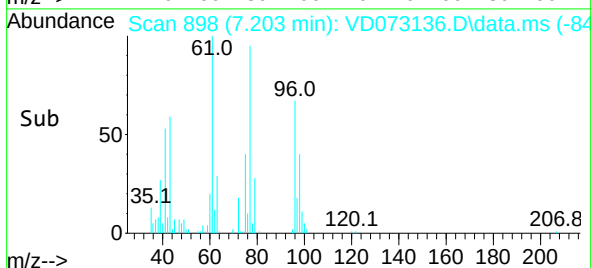
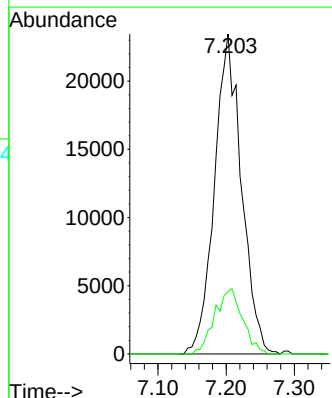
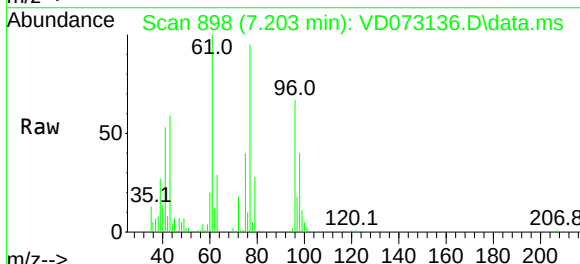
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

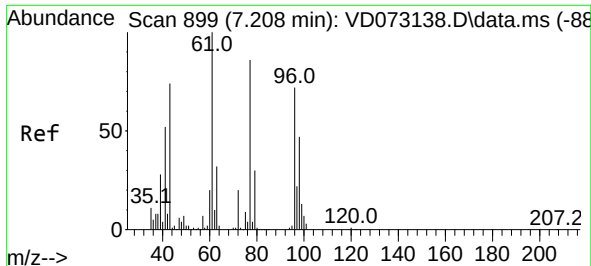
Tgt Ion: 43 Resp: 45904
Ion Ratio Lower Upper
43 100
72 23.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 9.382 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 77 Resp: 64572
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 8.929 ug/l

RT: 7.203 min Scan# 899

Delta R.T. -0.006 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

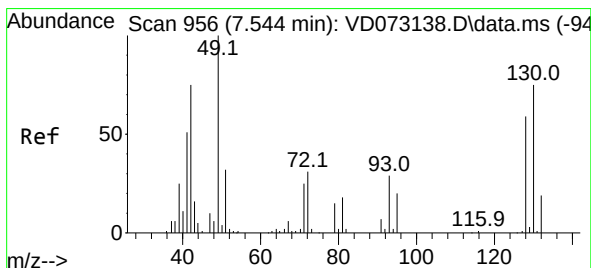
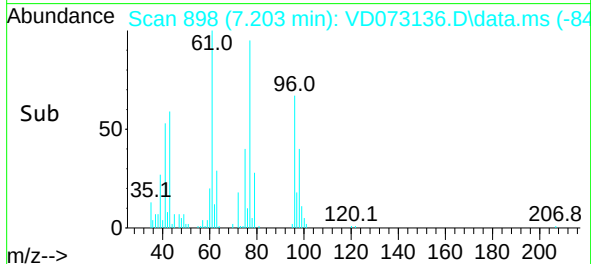
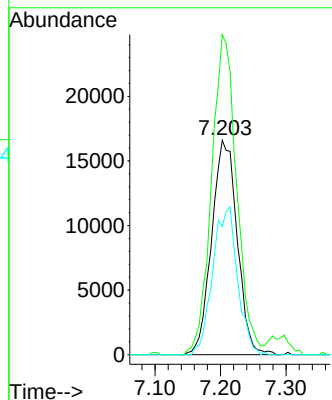
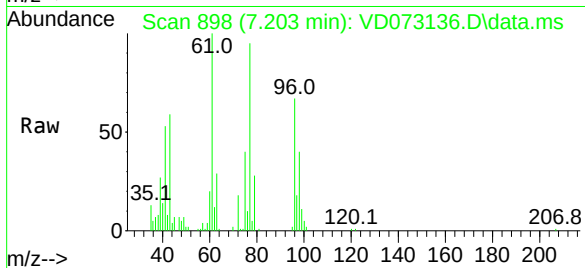
Tgt Ion: 96 Resp: 44834

Ion Ratio Lower Upper

96 100

61 146.5 0.0 313.8

98 67.0 0.0 128.8



#28

Bromochloromethane

Concen: 8.476 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

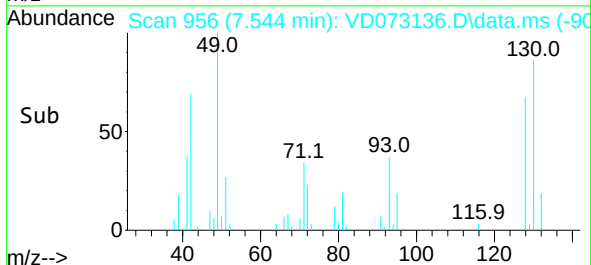
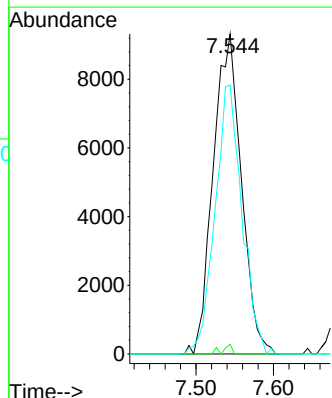
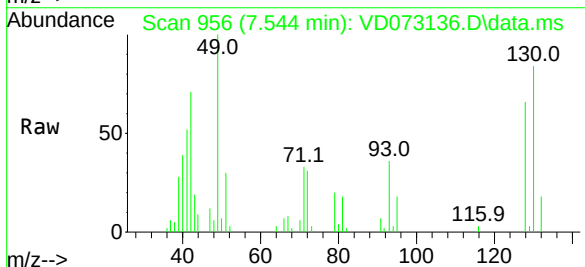
Tgt Ion: 49 Resp: 23586

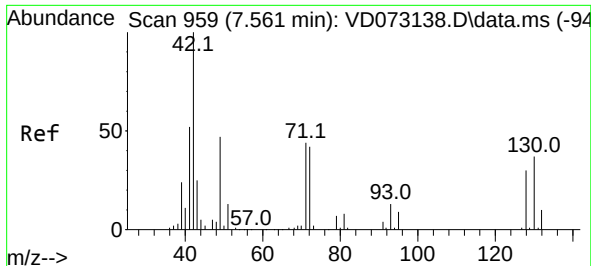
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.0

130 80.4 52.6 79.0#





#29

Tetrahydrofuran

Concen: 40.540 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

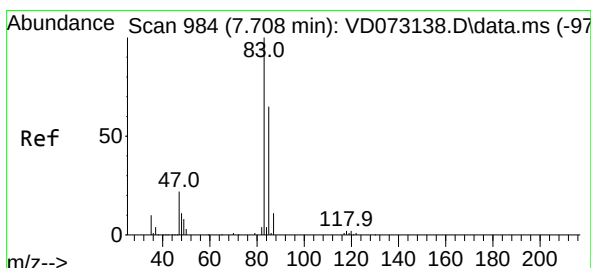
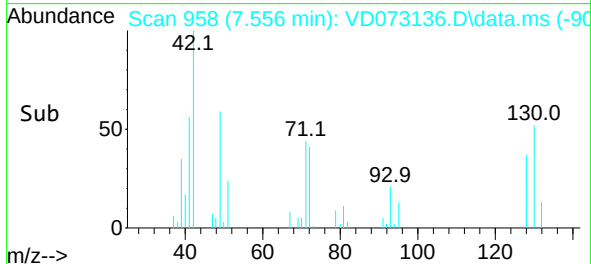
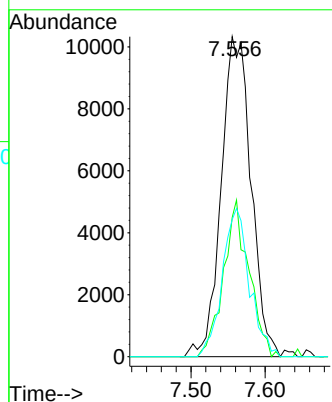
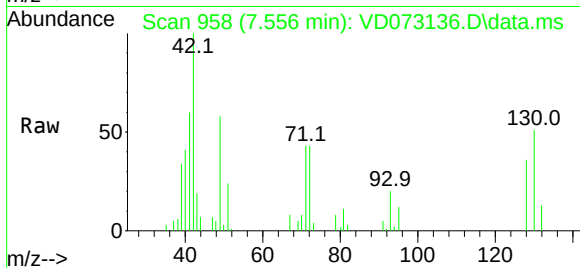
Tgt Ion: 42 Resp: 28843

Ion Ratio Lower Upper

42 100

72 42.0 30.7 46.1

71 42.3 28.6 43.0



#30

Chloroform

Concen: 9.311 ug/l

RT: 7.709 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD073136.D

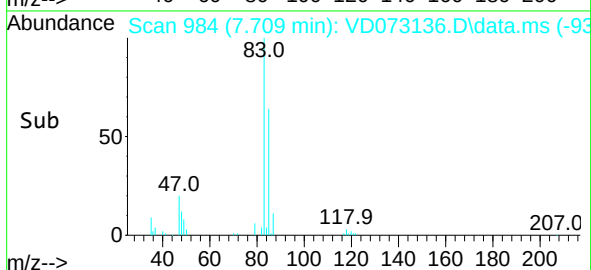
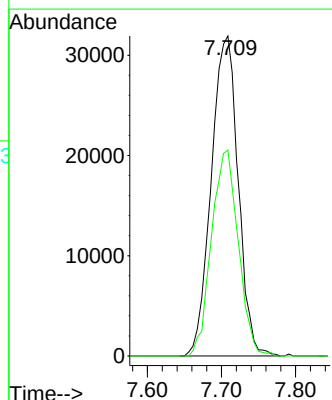
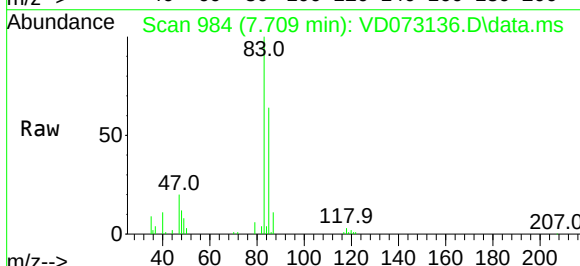
Acq: 19 May 2022 13:09

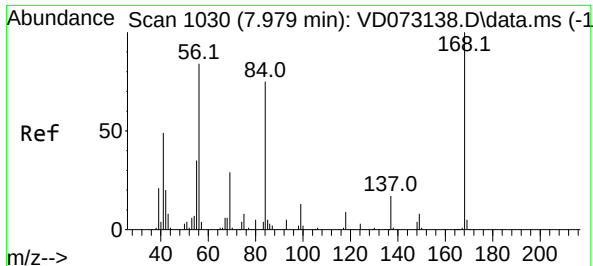
Tgt Ion: 83 Resp: 80505

Ion Ratio Lower Upper

83 100

85 64.4 52.7 79.1

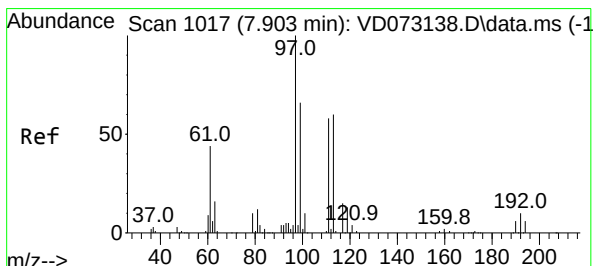
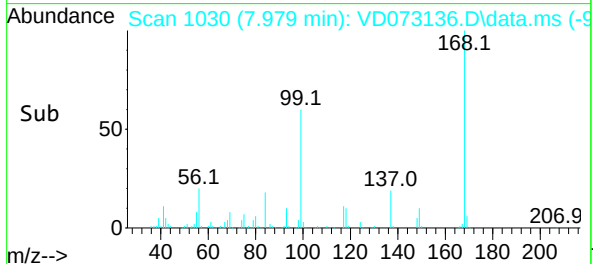
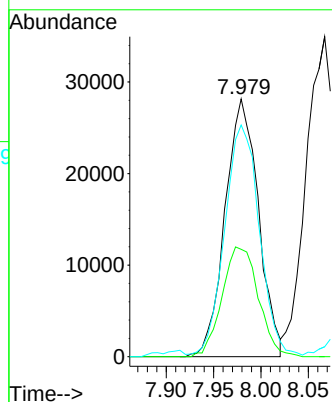
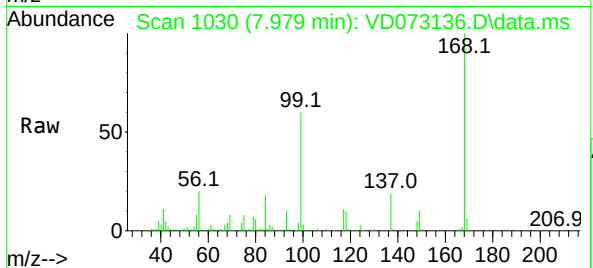




#31
Cyclohexane
Concen: 9.268 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

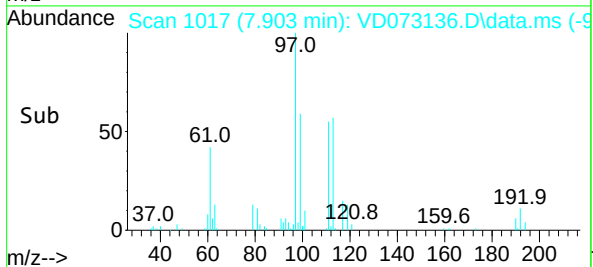
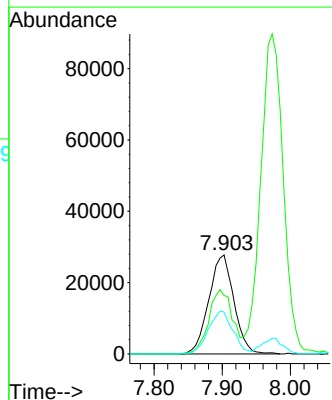
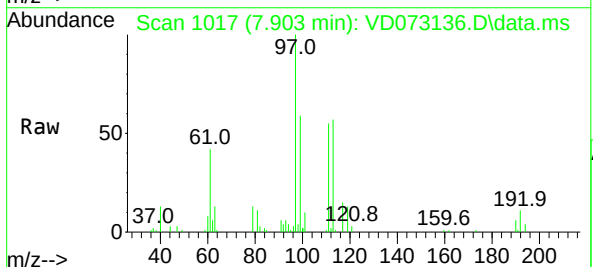
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

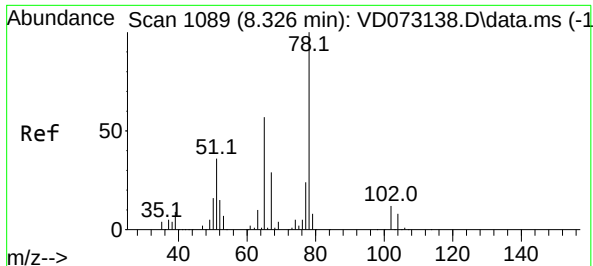
Tgt Ion: 56 Resp: 68857
Ion Ratio Lower Upper
56 100
69 41.7 25.4 38.2#
84 87.4 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 9.577 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 97 Resp: 71142
Ion Ratio Lower Upper
97 100
99 60.7 52.4 78.6
61 42.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 9.240 ug/l

RT: 8.326 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

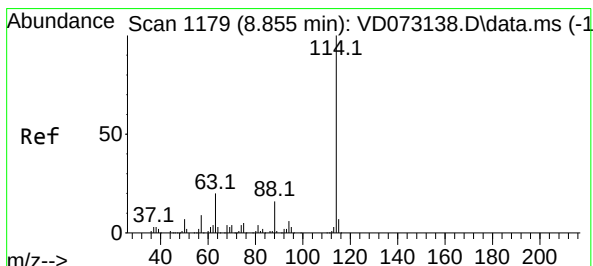
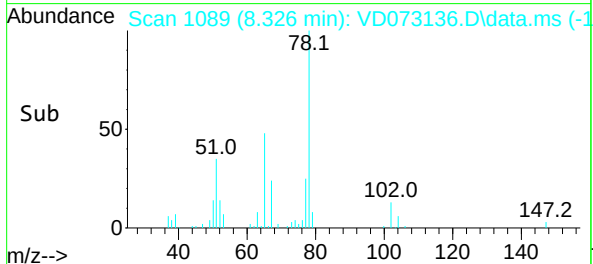
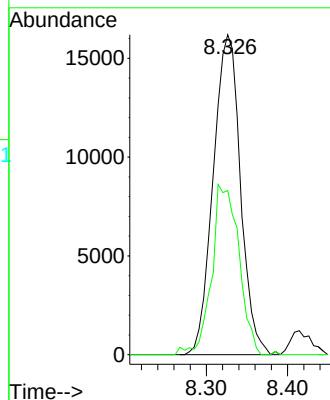
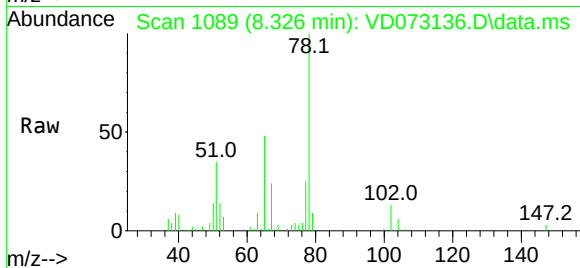
VSTDICC010

Tgt Ion: 65 Resp: 37799

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

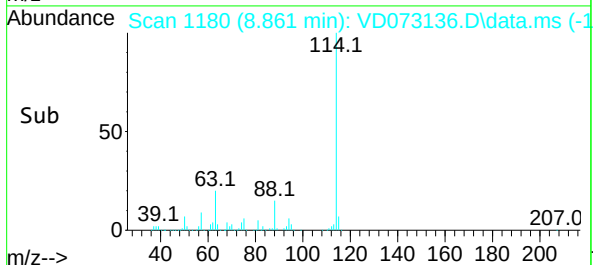
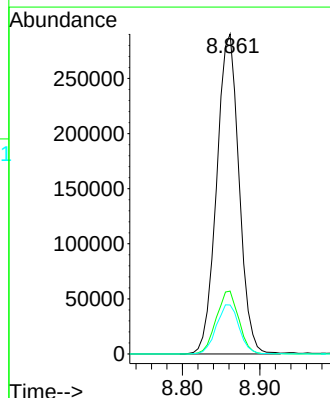
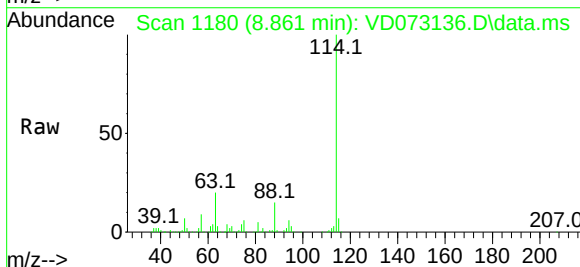
Tgt Ion: 114 Resp: 582053

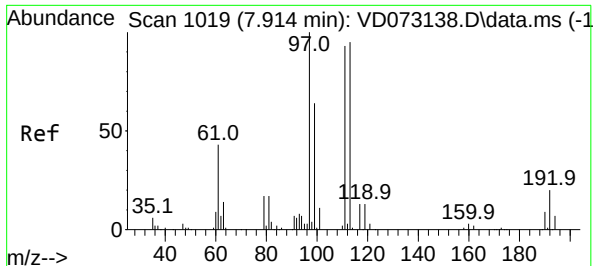
Ion Ratio Lower Upper

114 100

63 19.6 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 9.661 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.012 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

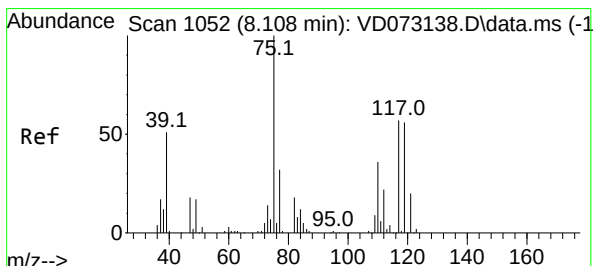
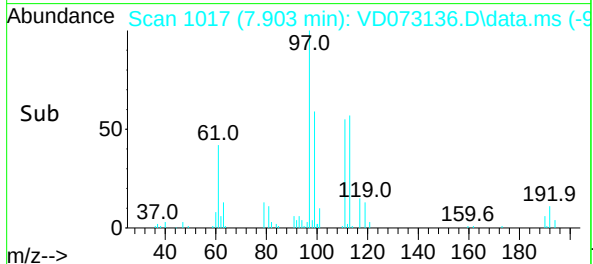
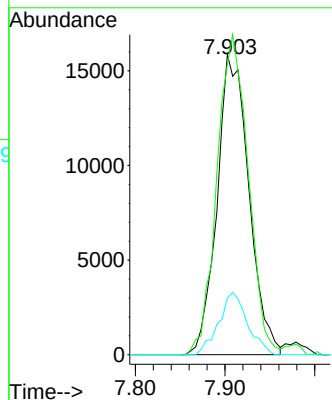
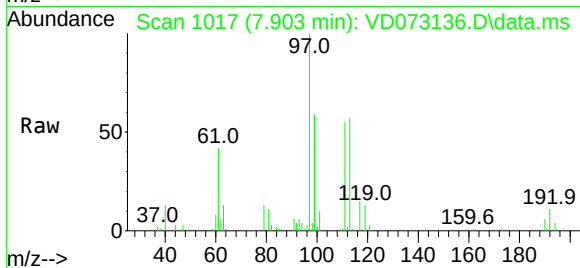
Tgt Ion:113 Resp: 39021

Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 18.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 8.986 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

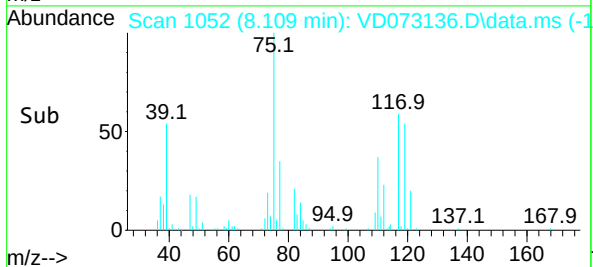
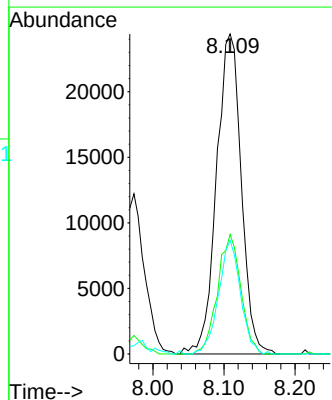
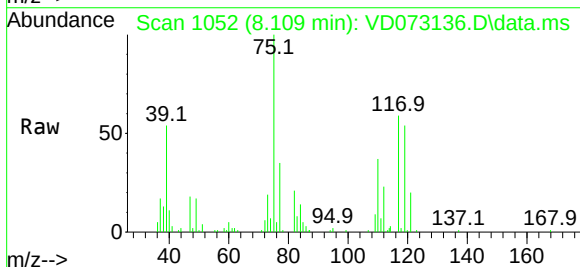
Tgt Ion: 75 Resp: 58992

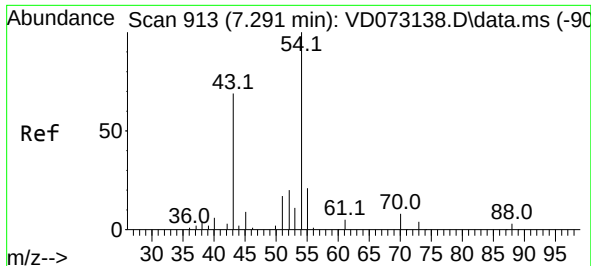
Ion Ratio Lower Upper

75 100

110 35.1 16.4 49.1

77 31.4 24.2 36.2

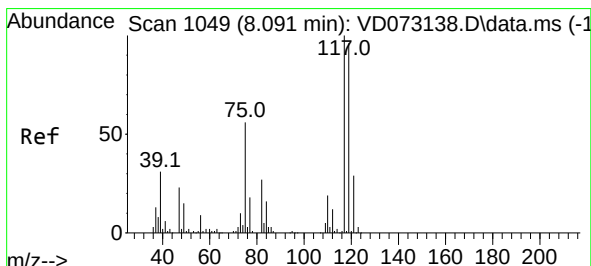
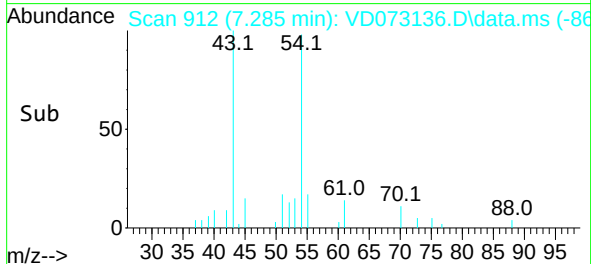
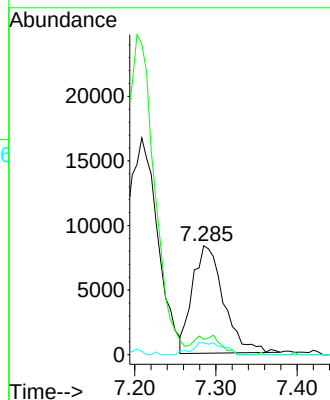
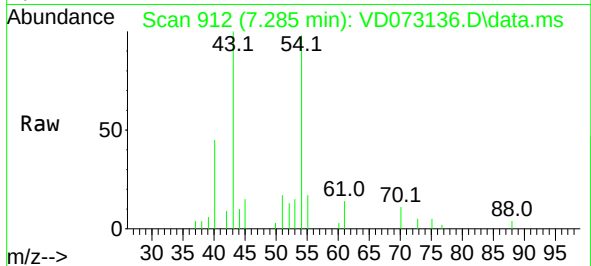




#37
Ethyl Acetate
Concen: 8.230 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

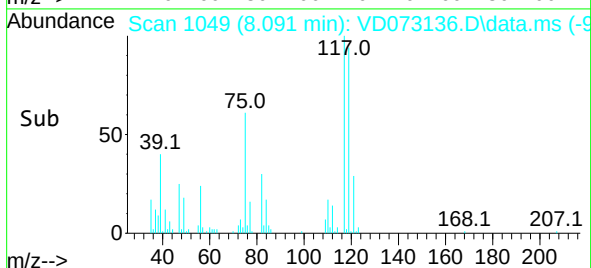
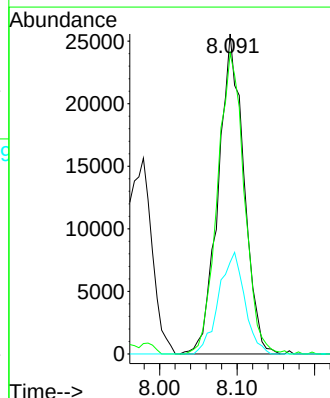
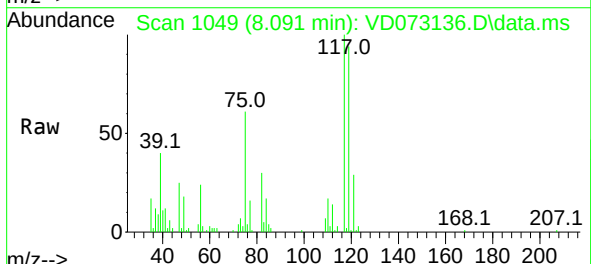
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

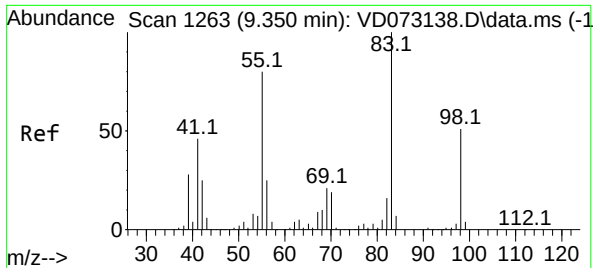
Tgt Ion: 43 Resp: 22208
Ion Ratio Lower Upper
43 100
61 15.1 9.8 14.8#
70 11.2 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 8.748 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 117 Resp: 58739
Ion Ratio Lower Upper
117 100
119 94.0 75.8 113.6
121 28.6 24.5 36.7





#39

Methylcyclohexane

Concen: 8.075 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

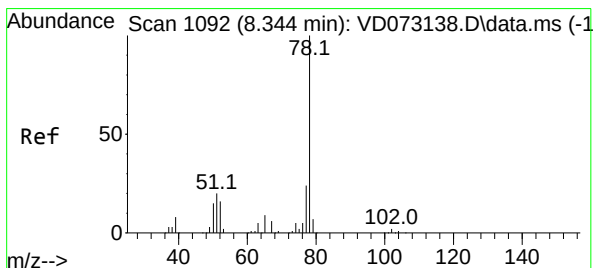
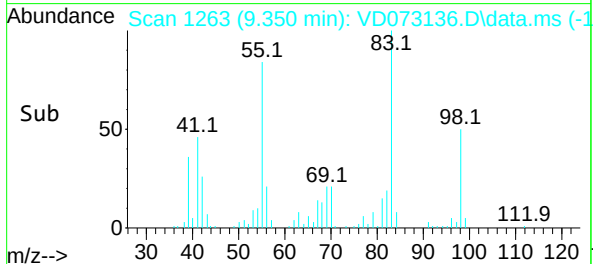
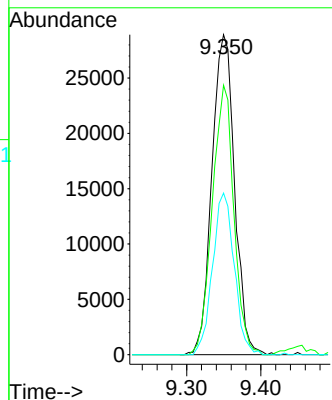
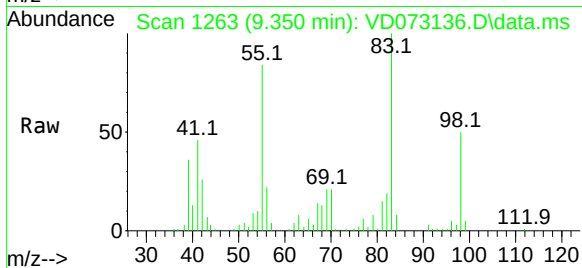
Tgt Ion: 83 Resp: 61532

Ion Ratio Lower Upper

83 100

55 84.2 63.2 94.8

98 50.5 38.2 57.4



#40

Benzene

Concen: 9.017 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073136.D

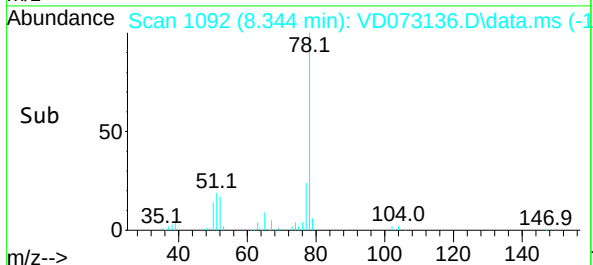
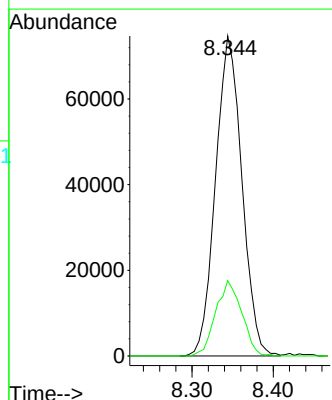
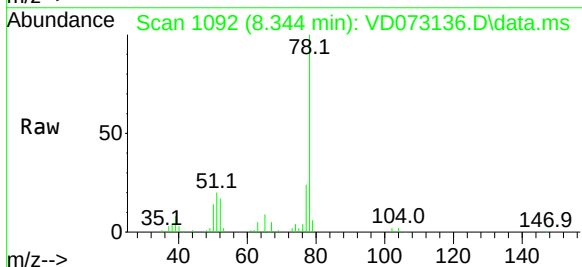
Acq: 19 May 2022 13:09

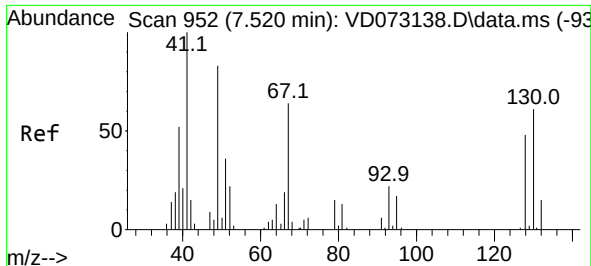
Tgt Ion: 78 Resp: 168443

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

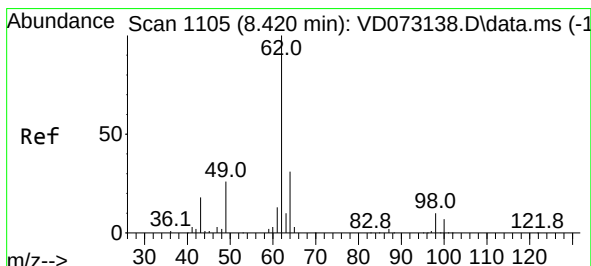
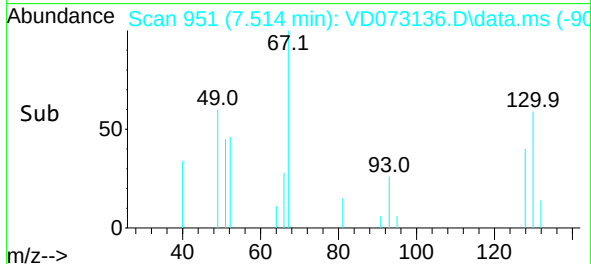
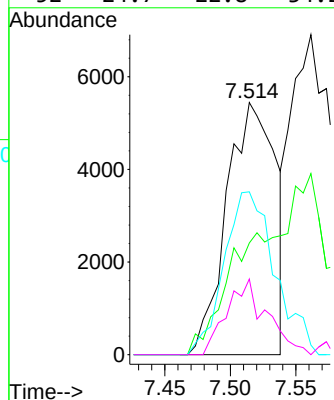
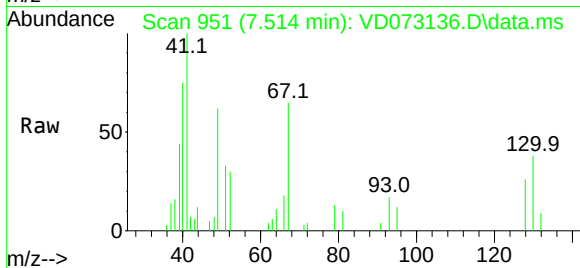




#41
Methacrylonitrile
Concen: 9.405 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

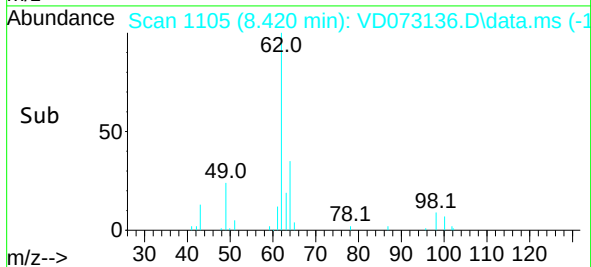
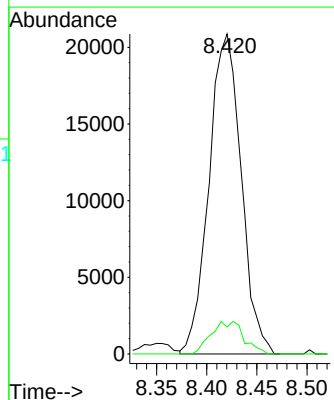
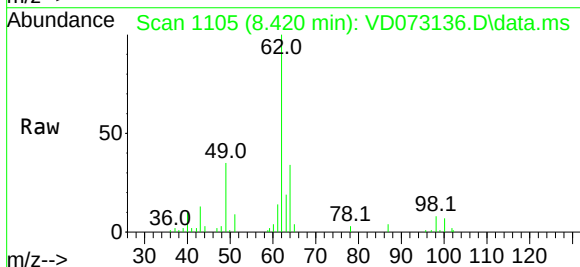
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

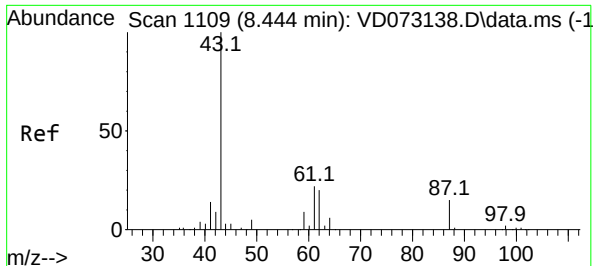
Tgt Ion: 41 Resp: 14062
Ion Ratio Lower Upper
41 100
39 39.9 44.6 67.0#
67 67.7 48.2 72.4
52 24.7 22.8 34.2



#42
1,2-Dichloroethane
Concen: 8.628 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 62 Resp: 46582
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6

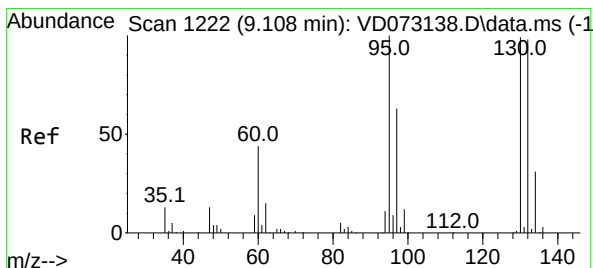
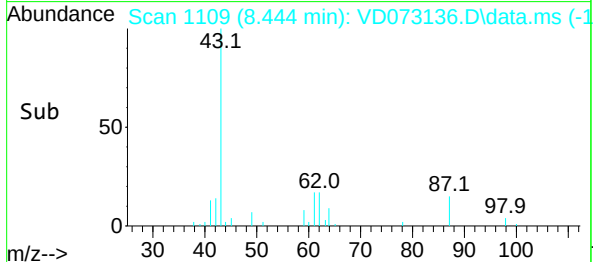
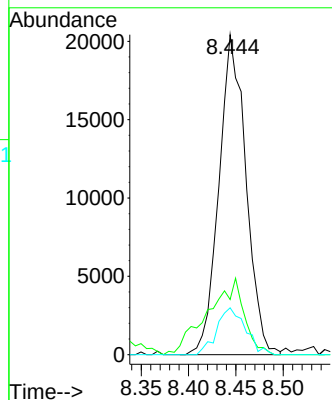
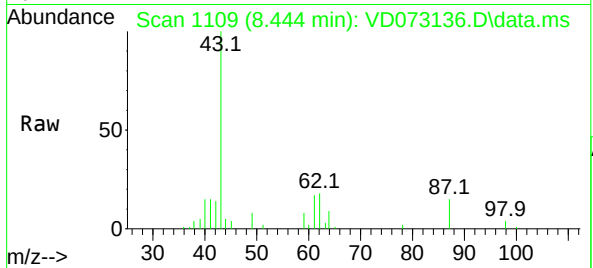




#43
Isopropyl Acetate
Concen: 8.052 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

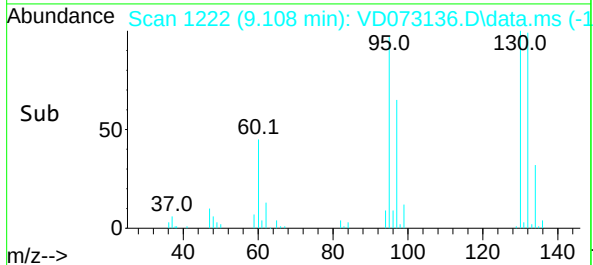
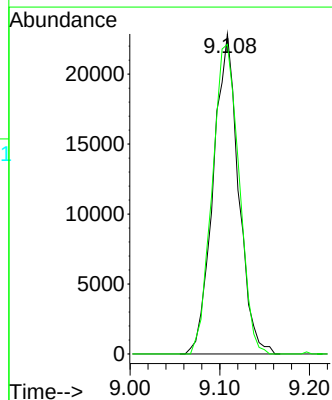
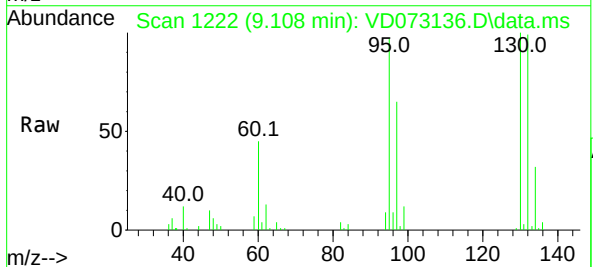
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

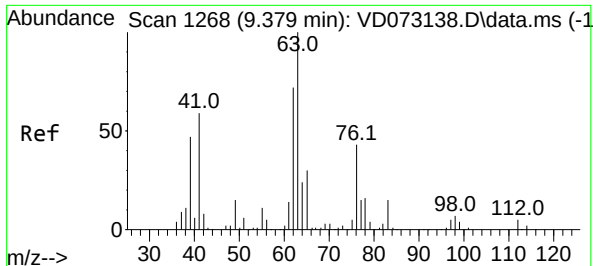
Tgt Ion: 43 Resp: 40604
Ion Ratio Lower Upper
43 100
61 32.3 22.4 33.6
87 15.6 8.7 13.1#



#44
Trichloroethene
Concen: 8.811 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion:130 Resp: 44757
Ion Ratio Lower Upper
130 100
95 96.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 8.655 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

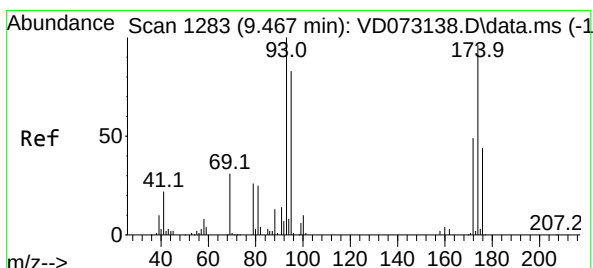
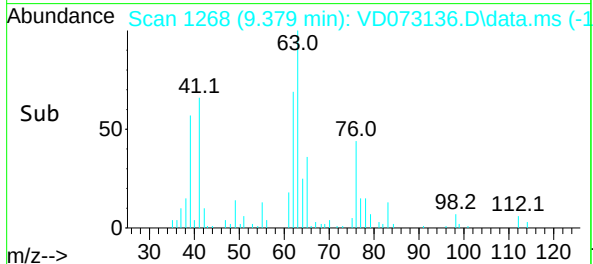
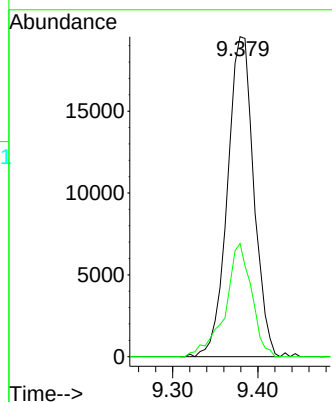
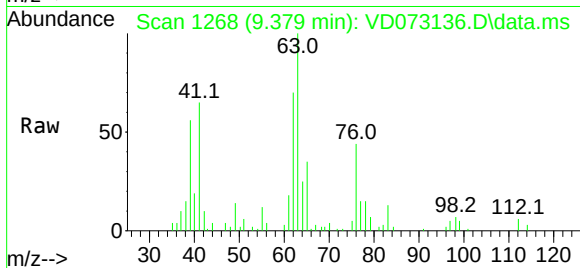
VSTDIC010

Tgt Ion: 63 Resp: 41917

Ion Ratio Lower Upper

63 100

65 35.3 26.2 39.4



#46

Dibromomethane

Concen: 8.531 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

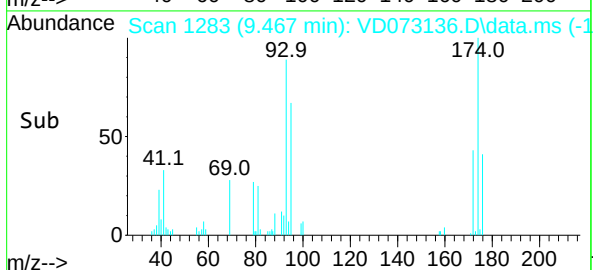
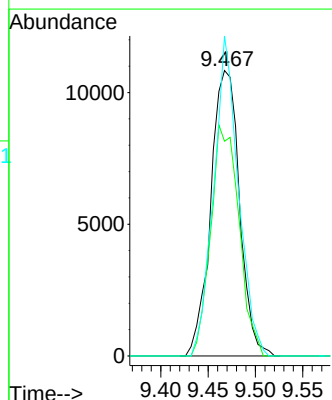
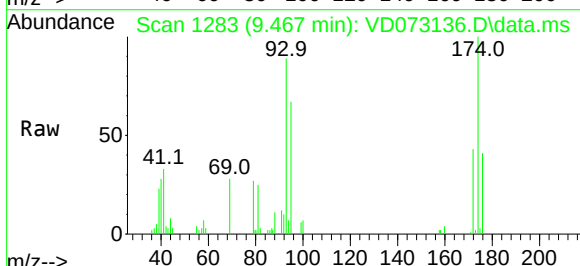
Tgt Ion: 93 Resp: 22787

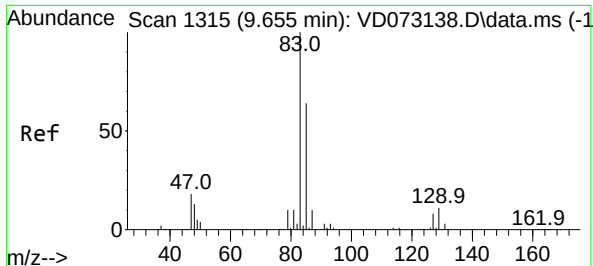
Ion Ratio Lower Upper

93 100

95 79.4 66.7 100.1

174 96.7 71.6 107.4

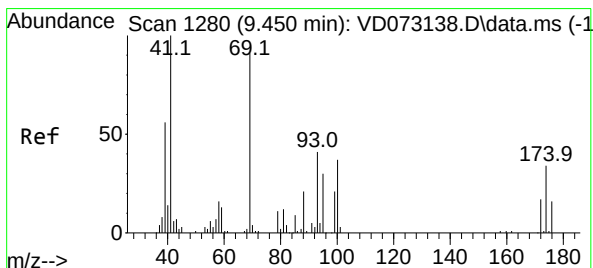
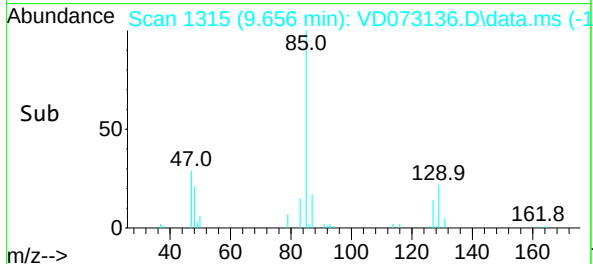
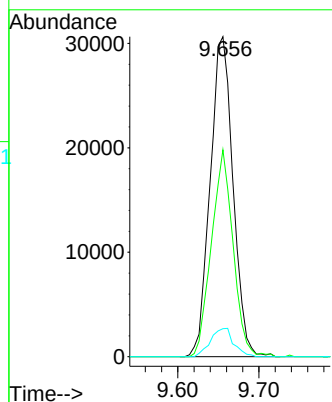
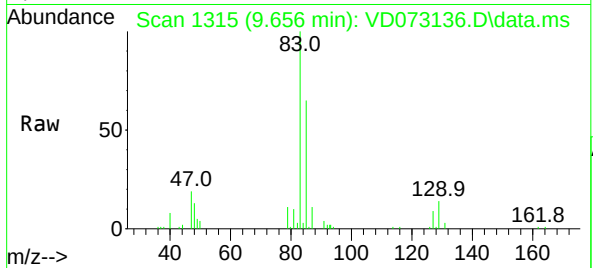




#47
Bromodichloromethane
Concen: 8.839 ug/l
RT: 9.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

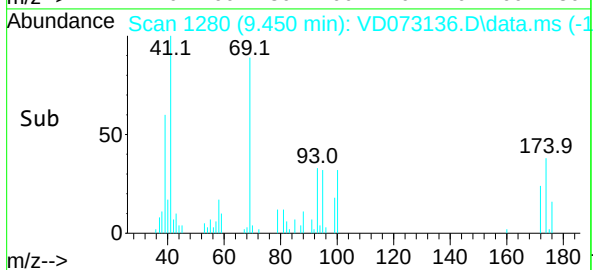
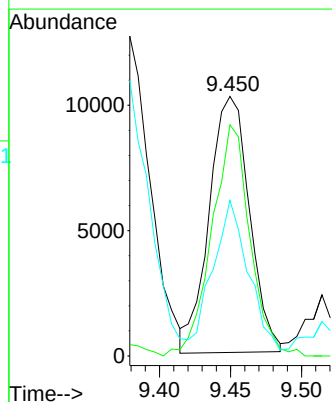
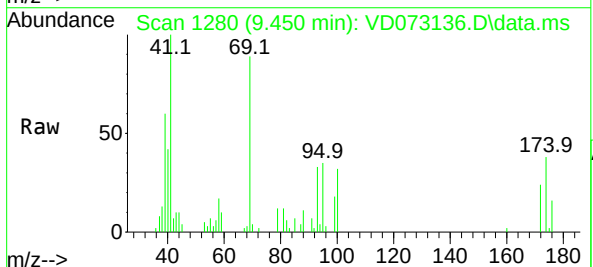
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

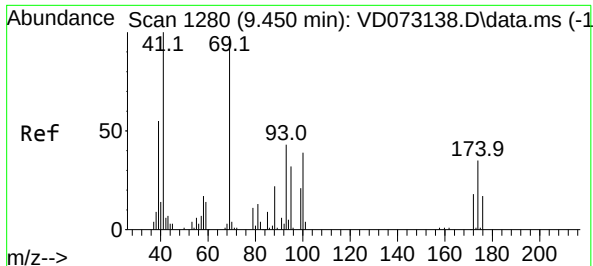
Tgt Ion: 83 Resp: 60004
Ion Ratio Lower Upper
83 100
85 64.6 51.4 77.0
127 8.8 6.1 9.1



#48
Methyl methacrylate
Concen: 8.132 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 41 Resp: 20189
Ion Ratio Lower Upper
41 100
69 85.3 56.7 85.1#
39 50.6 42.7 64.1

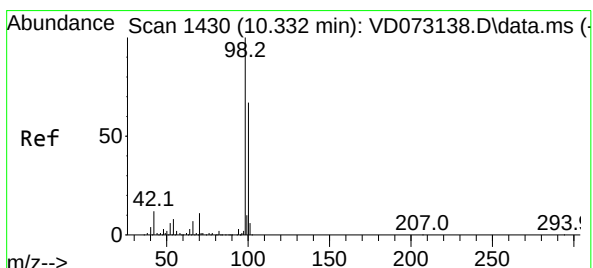
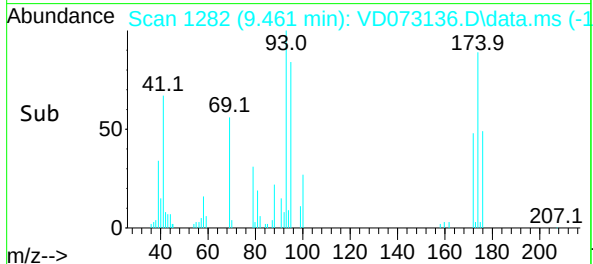
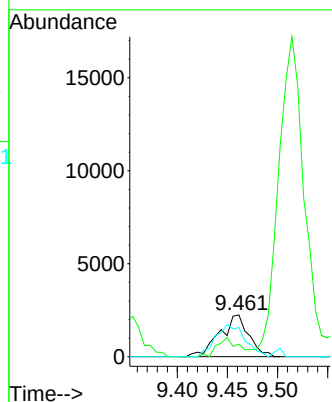
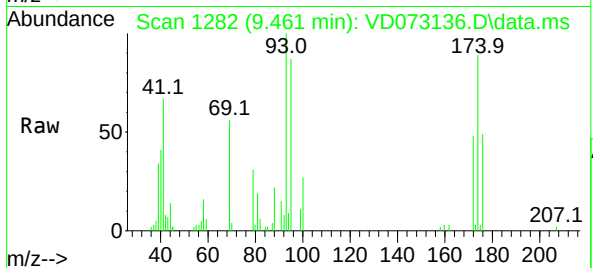




#49
1,4-Dioxane
Concen: 165.278 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.012 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

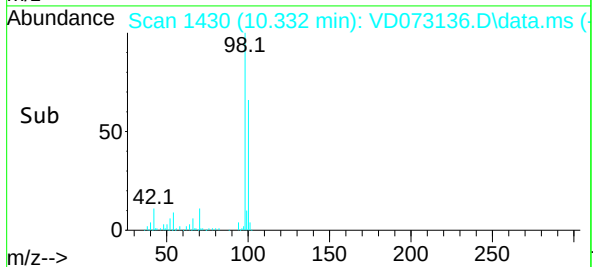
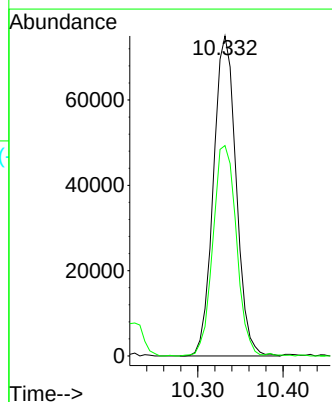
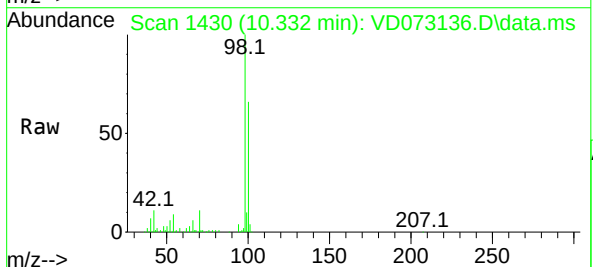
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

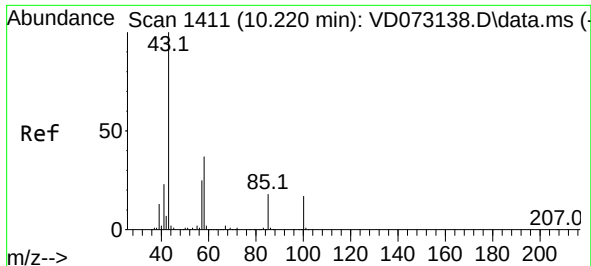
Tgt Ion: 88 Resp: 4537
Ion Ratio Lower Upper
88 100
43 32.0 31.0 46.4
58 77.7 58.1 87.1



#50
Toluene-d8
Concen: 9.463 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 98 Resp: 138844
Ion Ratio Lower Upper
98 100
100 67.9 52.4 78.6

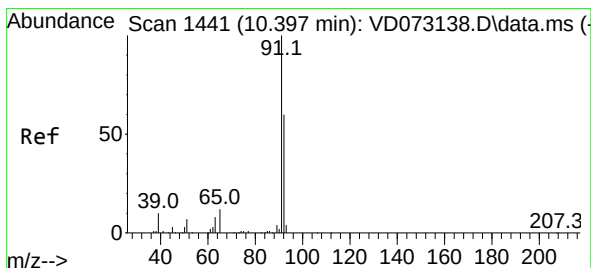
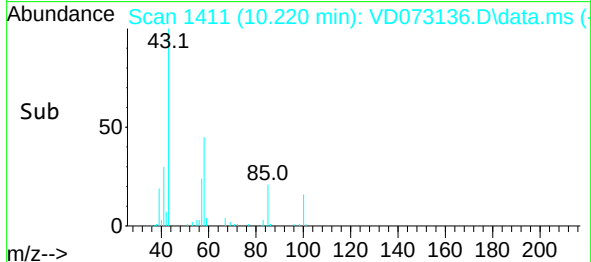
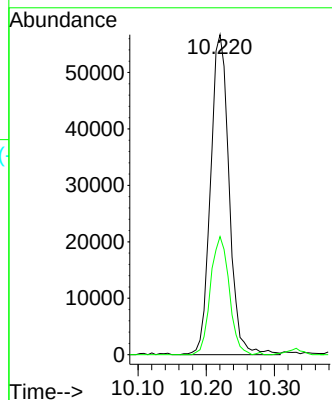
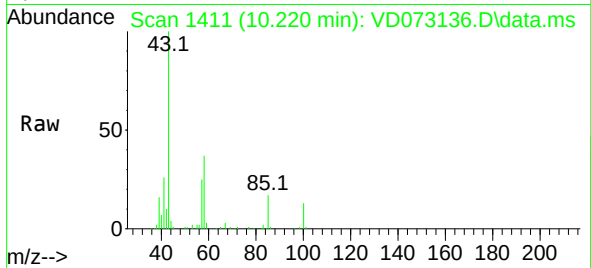




#51
4-Methyl-2-Pentanone
Concen: 41.017 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

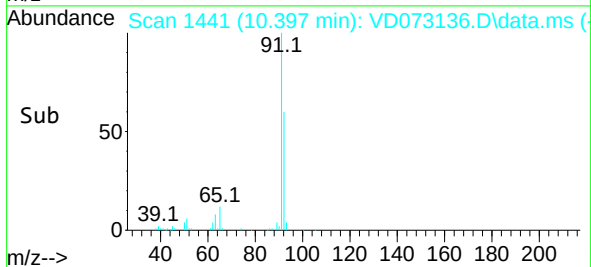
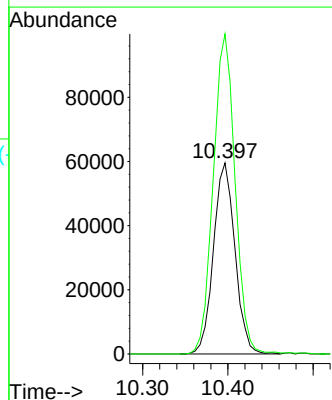
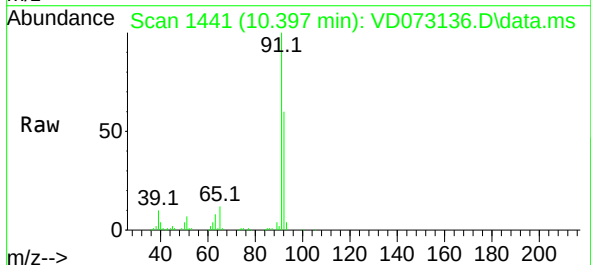
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

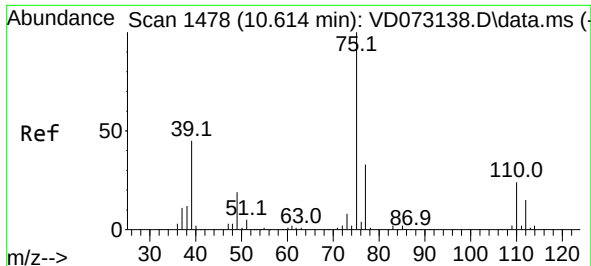
Tgt Ion: 43 Resp: 107408
Ion Ratio Lower Upper
43 100
58 37.1 28.6 43.0



#52
Toluene
Concen: 8.765 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 92 Resp: 104261
Ion Ratio Lower Upper
92 100
91 170.2 139.6 209.4

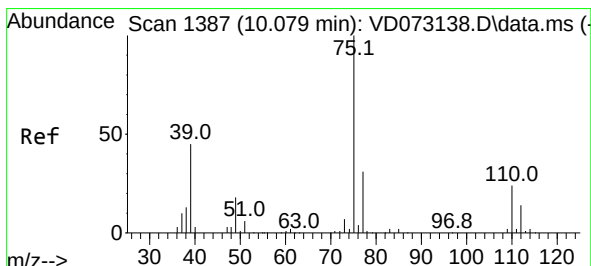
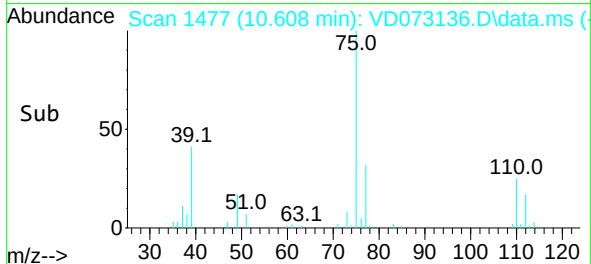
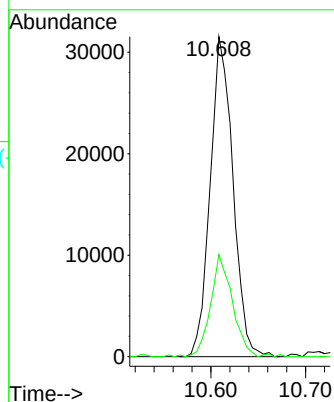
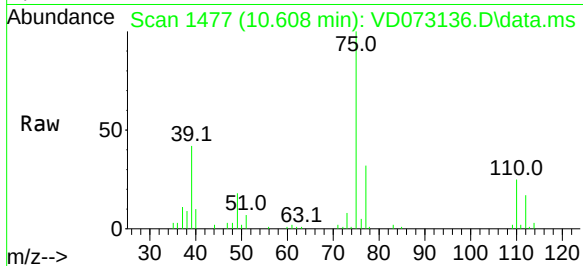




#53
 t-1,3-Dichloropropene
 Concen: 8.530 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

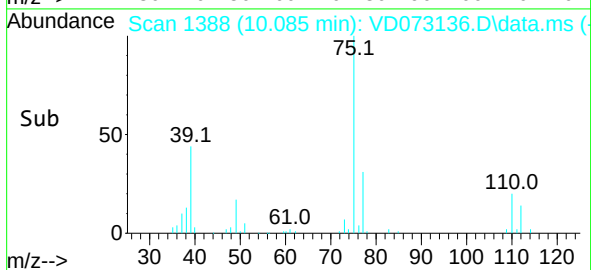
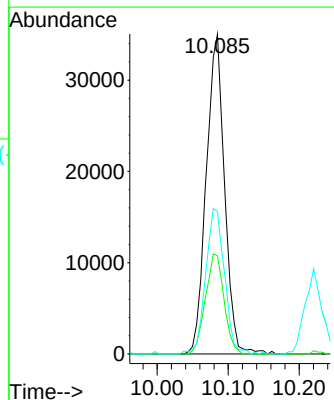
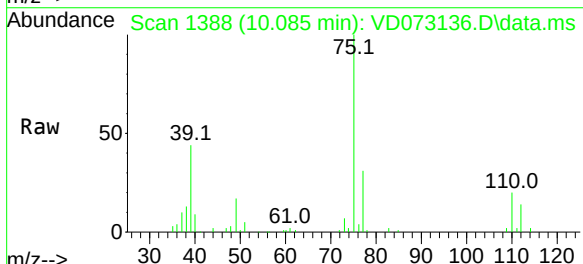
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

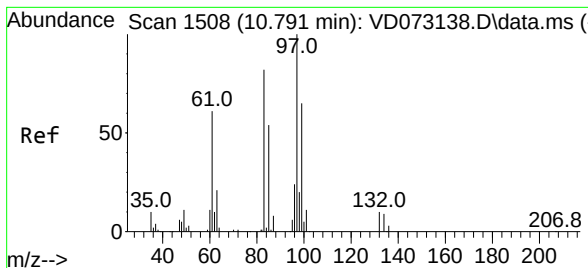
Tgt Ion: 75 Resp: 52578
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 8.619 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. 0.006 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

Tgt Ion: 75 Resp: 62957
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2
 39 44.4 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 9.125 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 33187

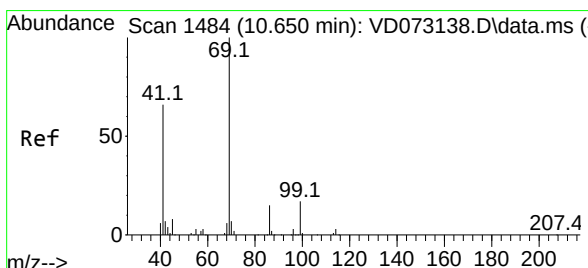
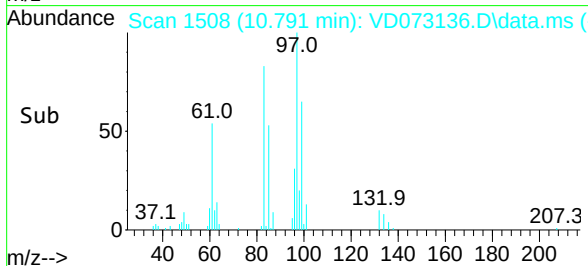
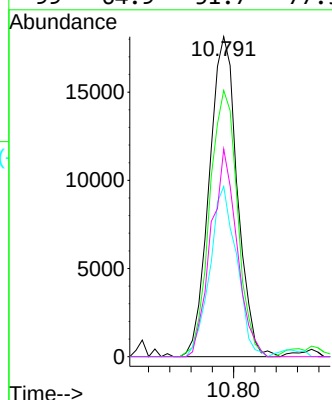
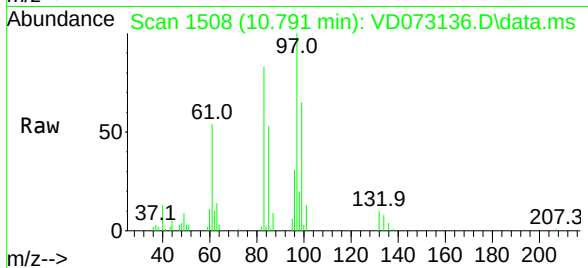
Ion Ratio Lower Upper

97 100

83 83.2 69.0 103.4

85 53.2 42.6 63.8

99 64.9 51.7 77.5



#56

Ethyl methacrylate

Concen: 7.613 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.006 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

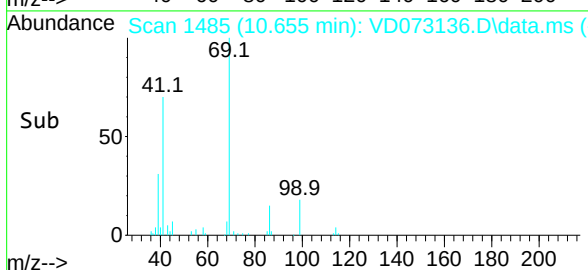
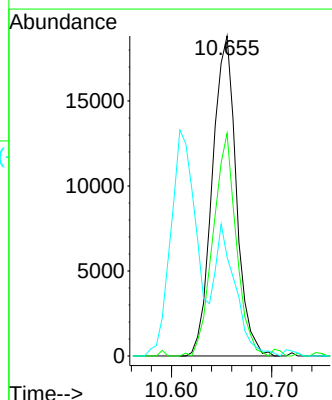
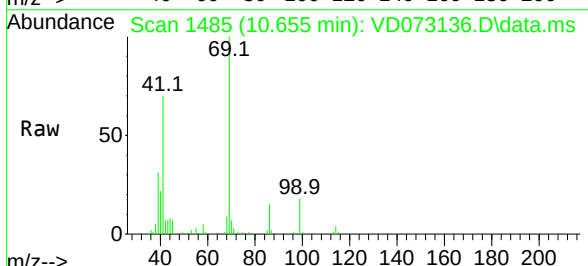
Tgt Ion: 69 Resp: 31213

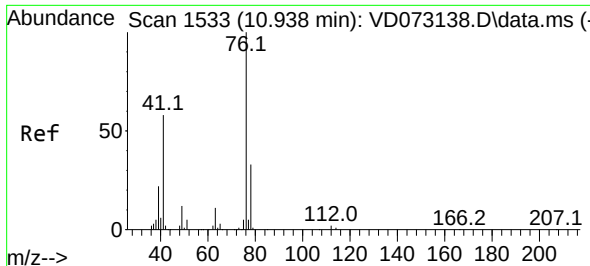
Ion Ratio Lower Upper

69 100

41 67.2 63.0 94.6

39 34.2 33.8 50.8

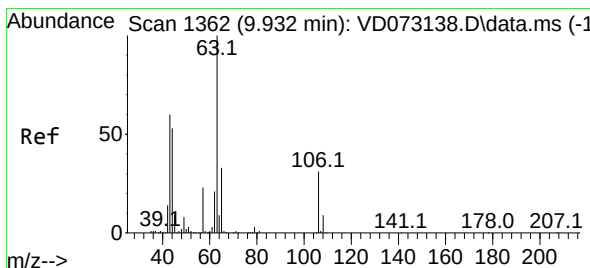
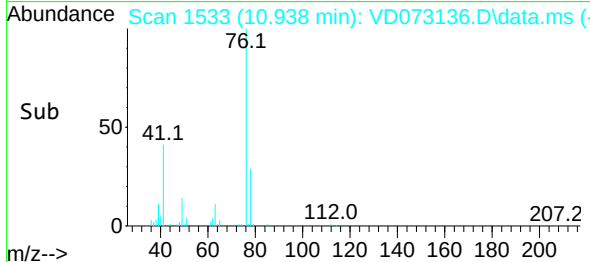
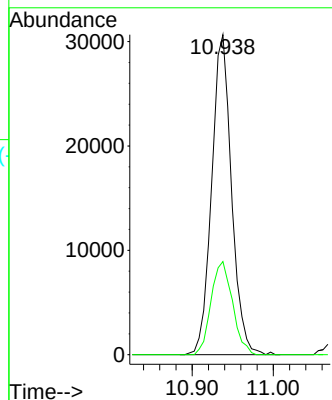
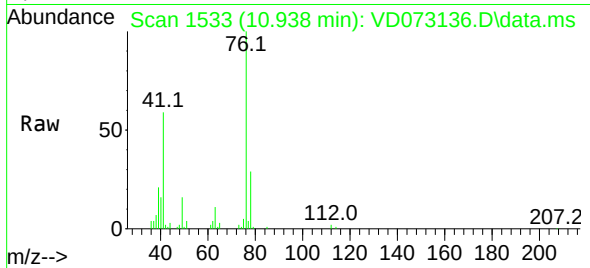




#57
1,3-Dichloropropane
Concen: 8.400 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

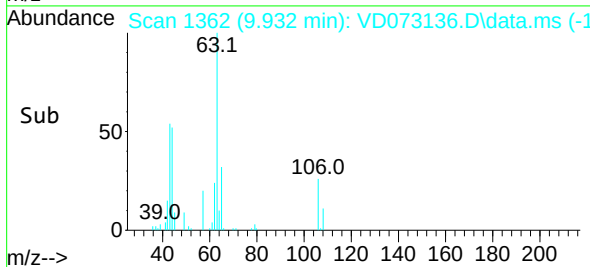
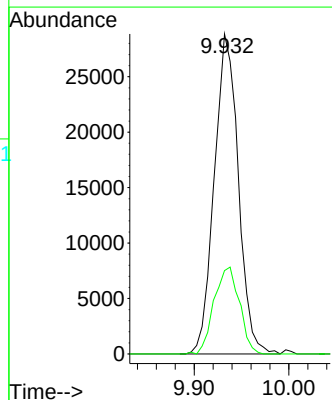
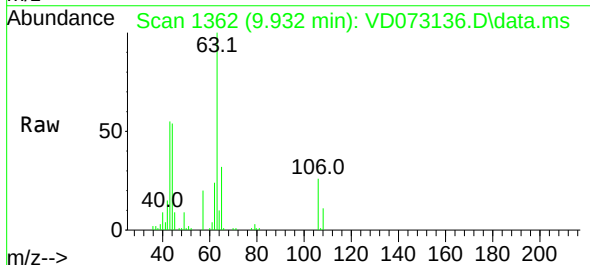
Instrument : MSVOA_D
ClientSampleId : VSTDIC010

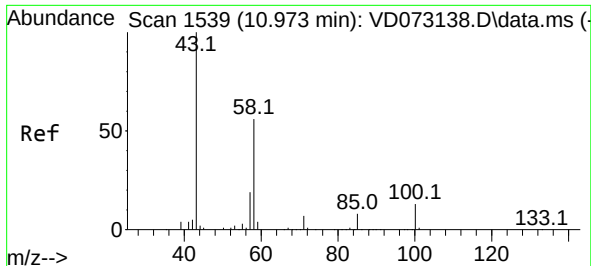
Tgt Ion: 76 Resp: 52008
Ion Ratio Lower Upper
76 100
78 31.5 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 27.842 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 63 Resp: 50880
Ion Ratio Lower Upper
63 100
106 28.6 21.4 32.0

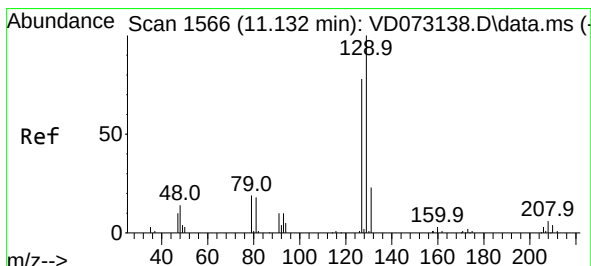
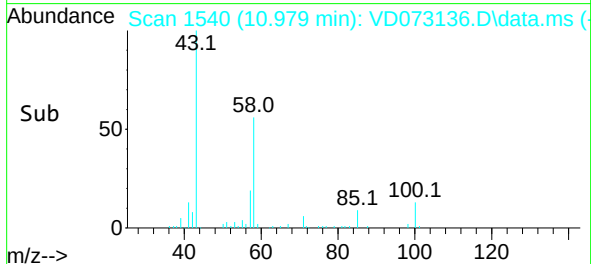
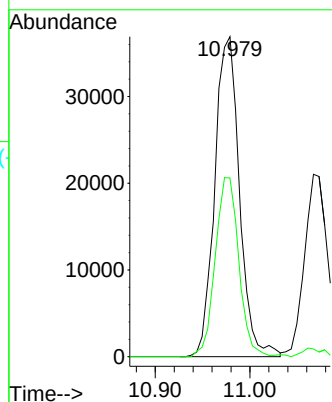
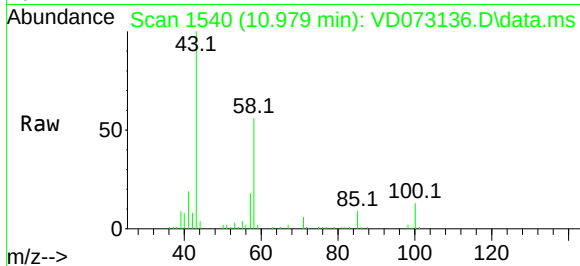




#59
2-Hexanone
Concen: 38.707 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

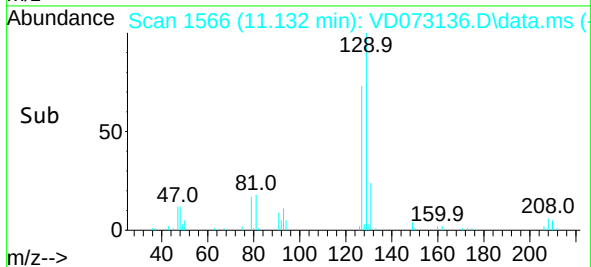
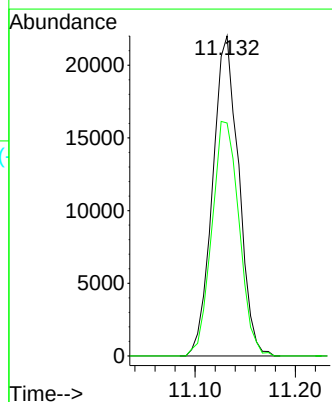
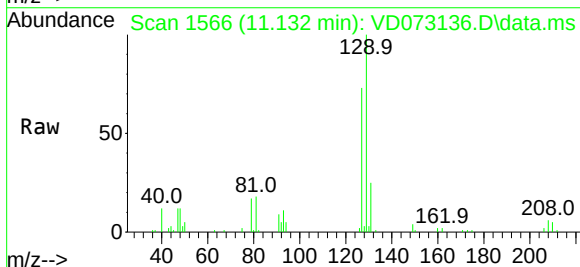
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

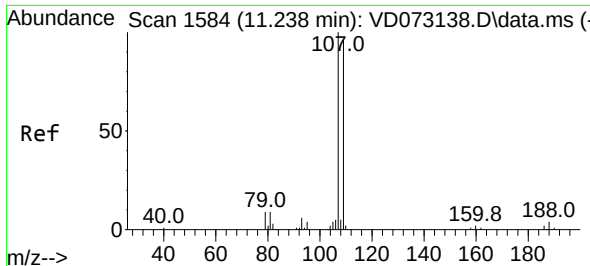
Tgt Ion: 43 Resp: 66924
Ion Ratio Lower Upper
43 100
58 53.6 25.3 75.9



#60
Dibromochloromethane
Concen: 8.784 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 129 Resp: 39724
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

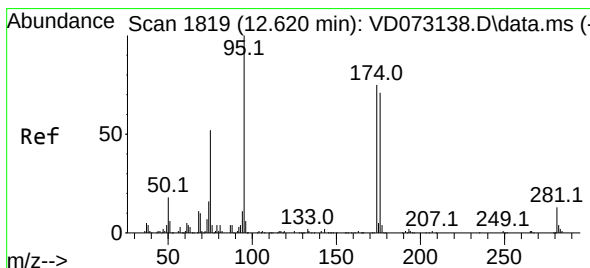
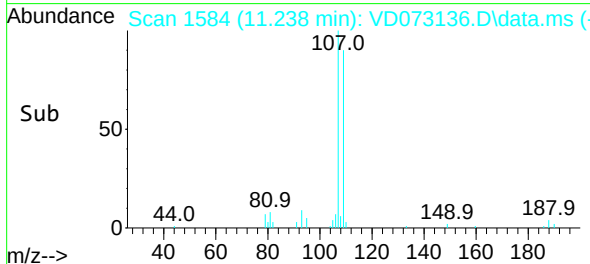
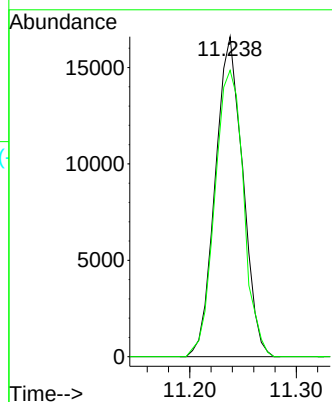
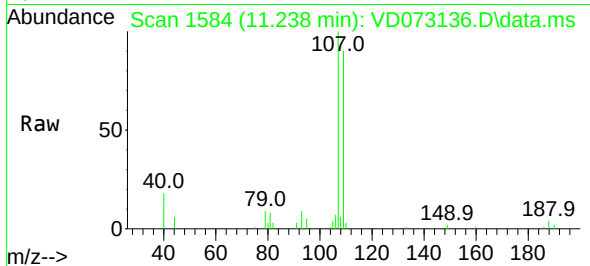




#61
1,2-Dibromoethane
Concen: 8.505 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

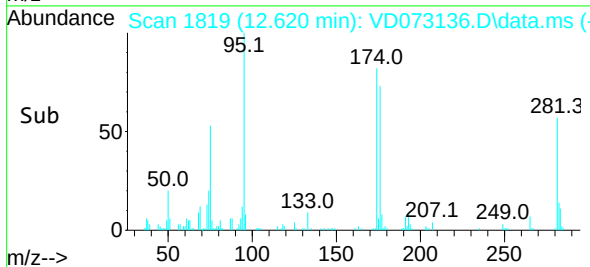
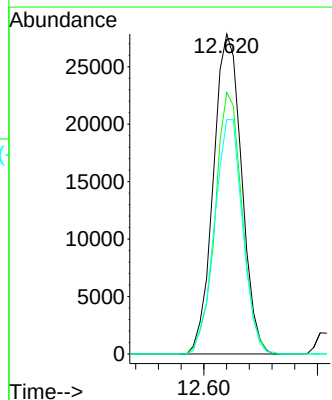
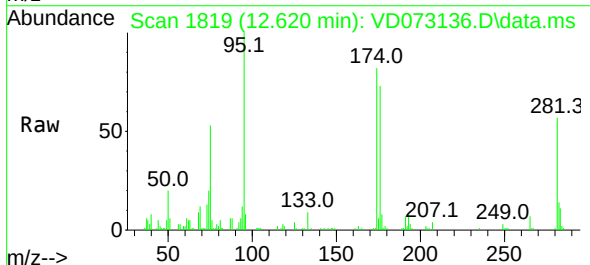
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

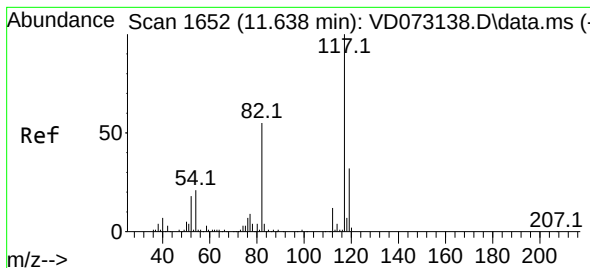
Tgt Ion:107 Resp: 29781
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 9.107 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 95 Resp: 48014
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 73.5 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

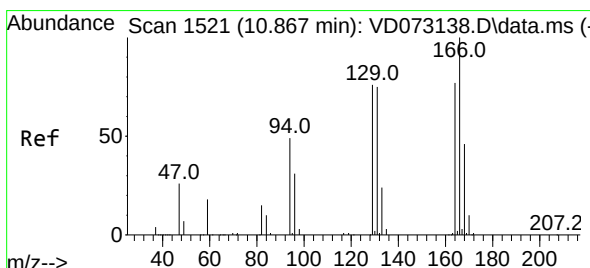
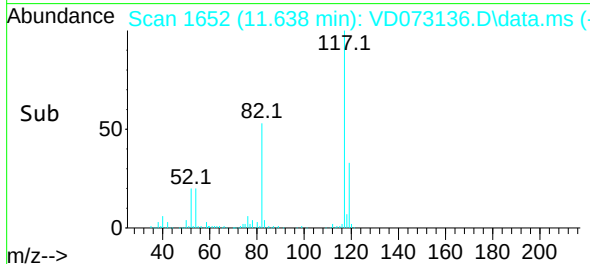
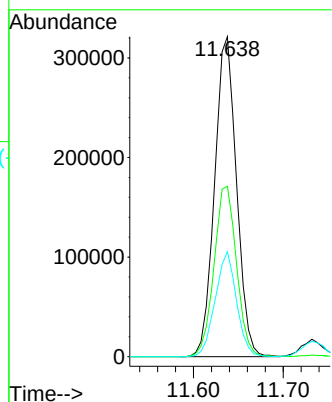
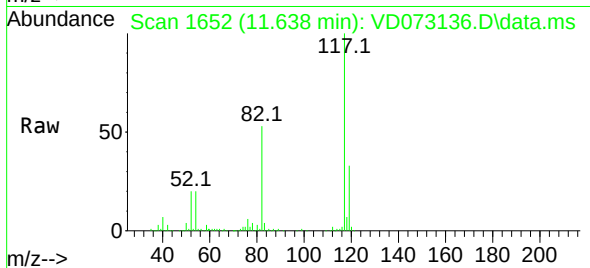
Tgt Ion:117 Resp: 544609

Ion Ratio Lower Upper

117 100

82 53.2 45.3 67.9

119 32.8 26.6 40.0



#64

Tetrachloroethene

Concen: 9.867 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Tgt Ion:164 Resp: 38900

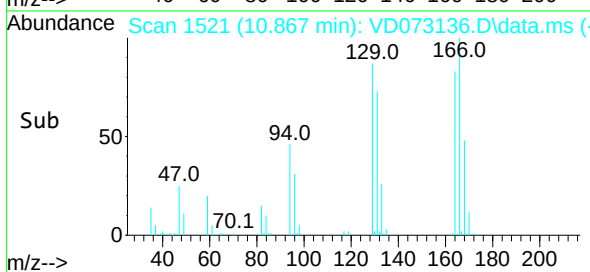
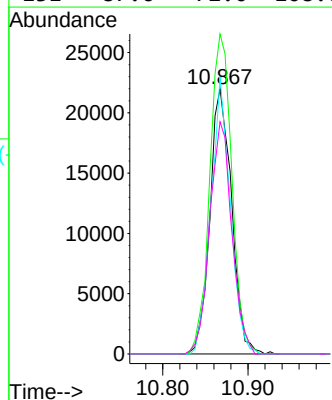
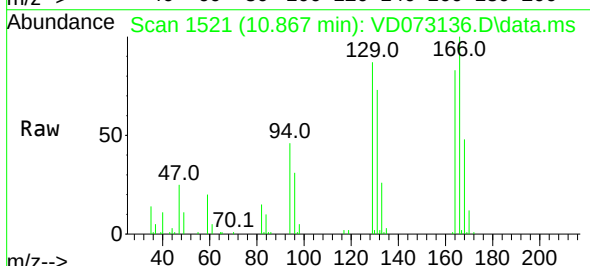
Ion Ratio Lower Upper

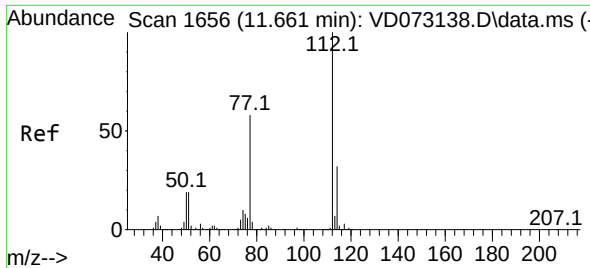
164 100

166 120.7 98.5 147.7

129 104.5 74.6 111.8

131 87.6 72.0 108.0

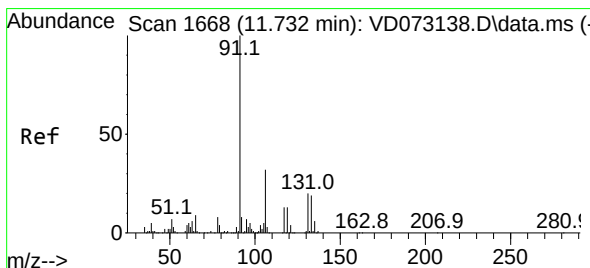
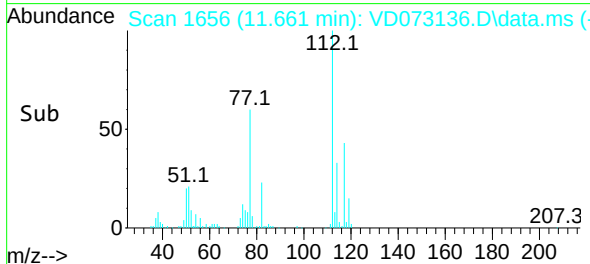
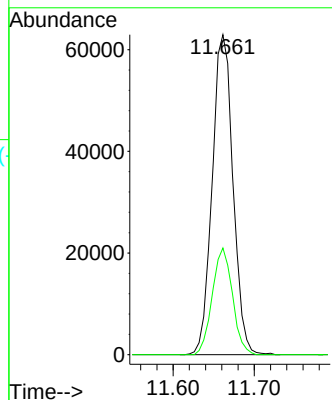
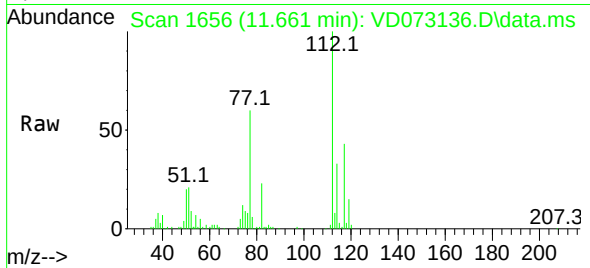




#65
Chlorobenzene
Concen: 9.185 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

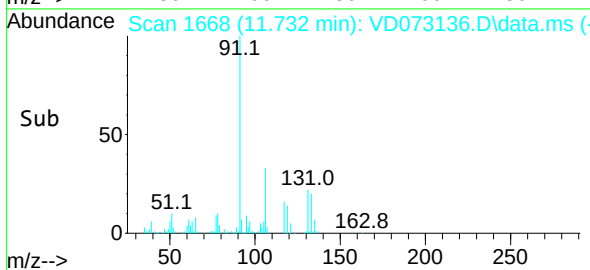
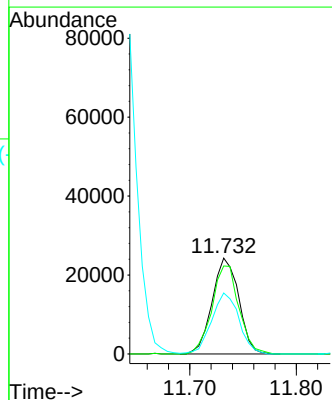
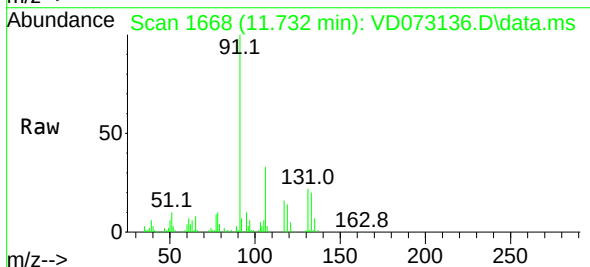
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

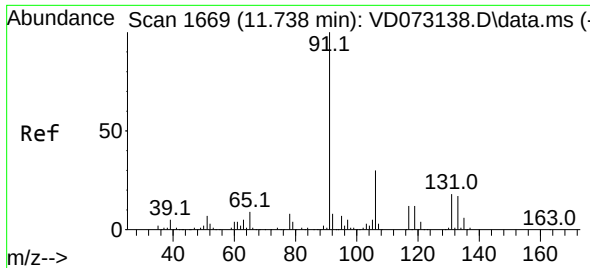
Tgt Ion:112 Resp: 111945
Ion Ratio Lower Upper
112 100
114 33.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 9.035 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion:131 Resp: 42078
Ion Ratio Lower Upper
131 100
133 93.5 48.1 144.3
119 65.5 31.9 95.9

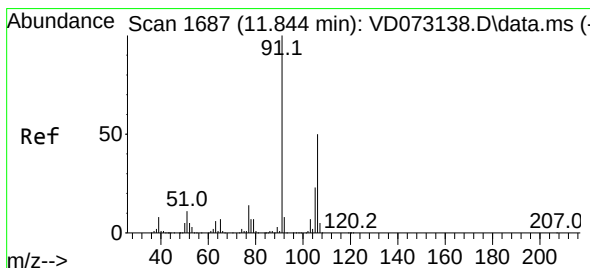
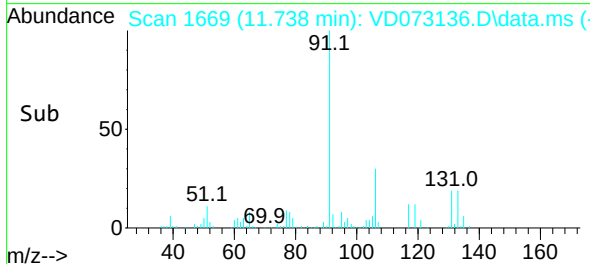
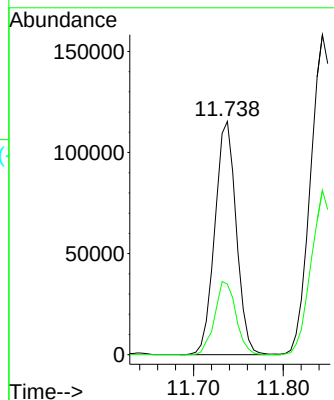
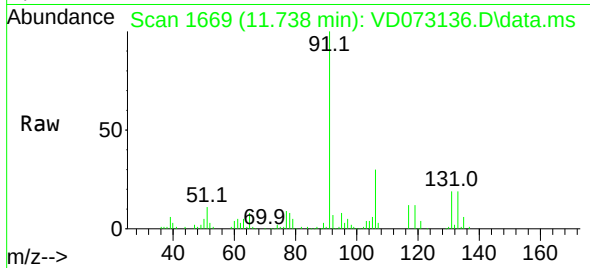




#67
Ethyl Benzene
Concen: 8.994 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

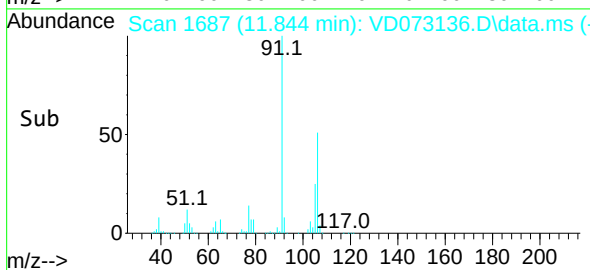
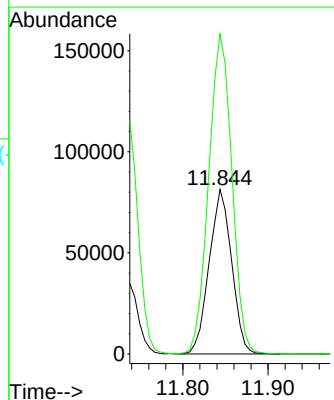
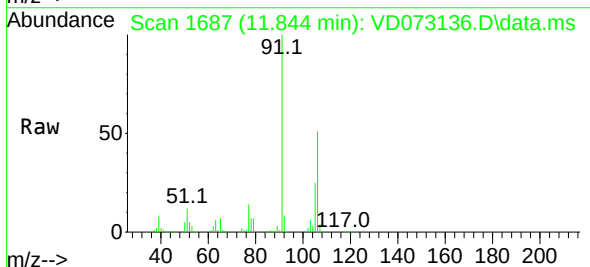
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

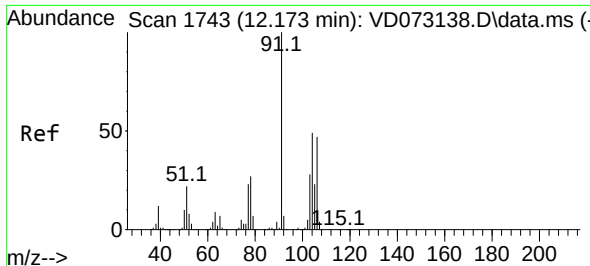
Tgt Ion: 91 Resp: 191215
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4



#68
m/p-Xylenes
Concen: 18.054 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 106 Resp: 149264
Ion Ratio Lower Upper
106 100
91 201.0 163.7 245.5

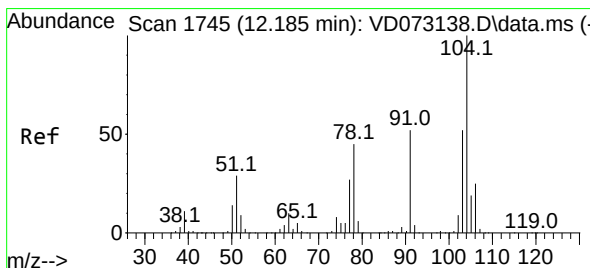
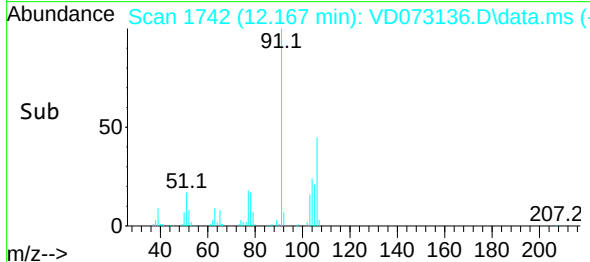
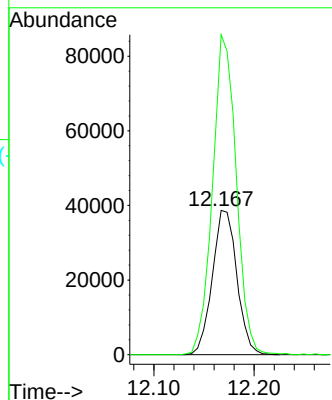
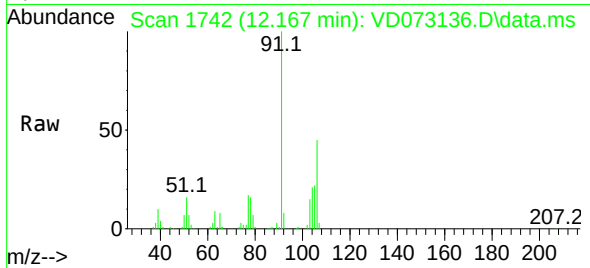




#69
o-Xylene
Concen: 8.649 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

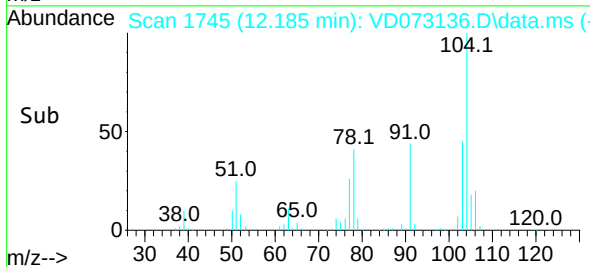
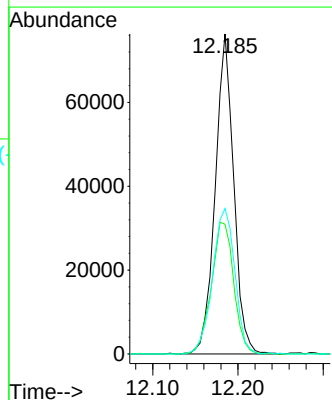
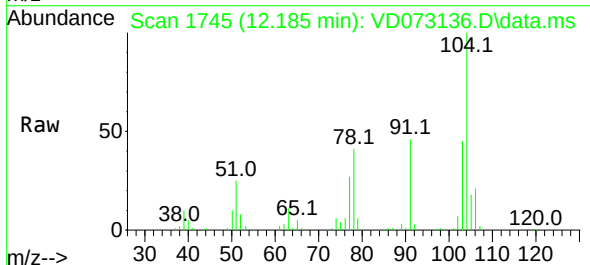
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

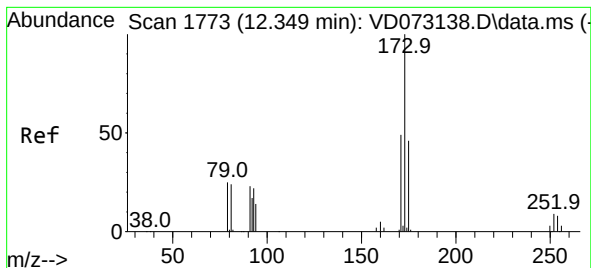
Tgt Ion:106 Resp: 65653
Ion Ratio Lower Upper
106 100
91 214.9 110.4 331.2



#70
Styrene
Concen: 8.734 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion:104 Resp: 115412
Ion Ratio Lower Upper
104 100
78 49.6 41.8 62.8
103 54.7 44.2 66.4





#71

Bromoform

Concen: 9.217 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

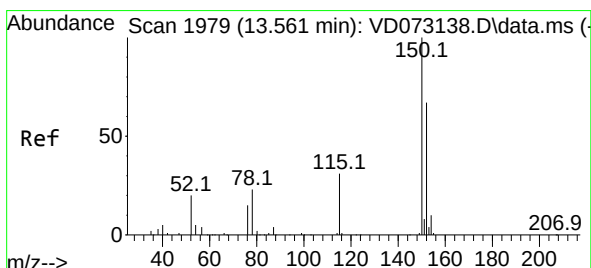
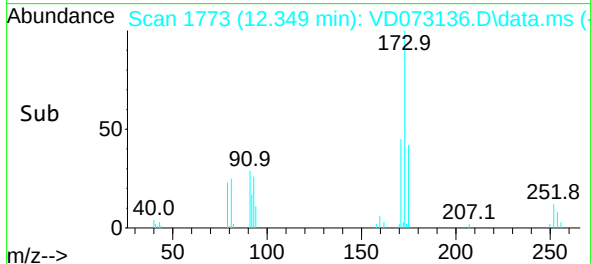
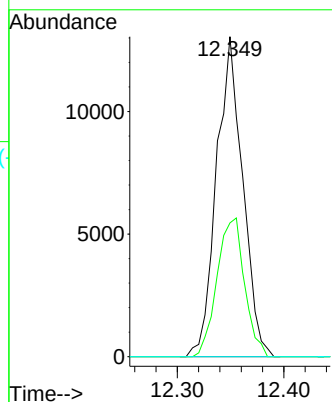
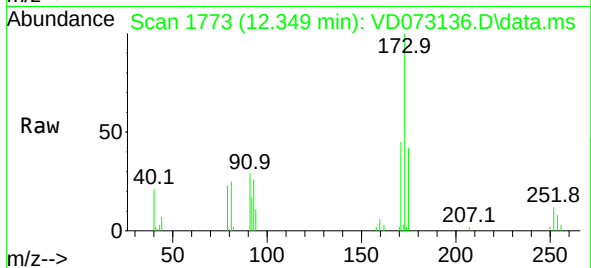
Tgt Ion:173 Resp: 22304

Ion Ratio Lower Upper

173 100

175 45.5 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

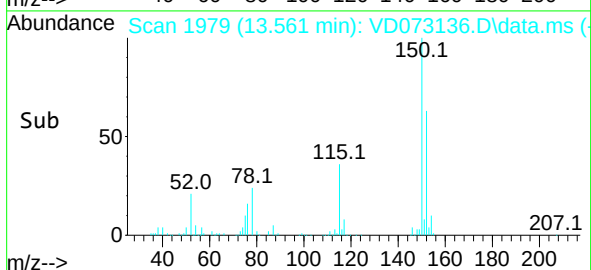
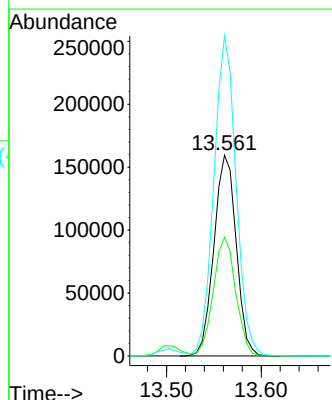
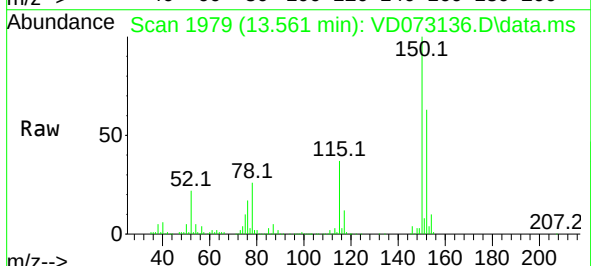
Tgt Ion:152 Resp: 260561

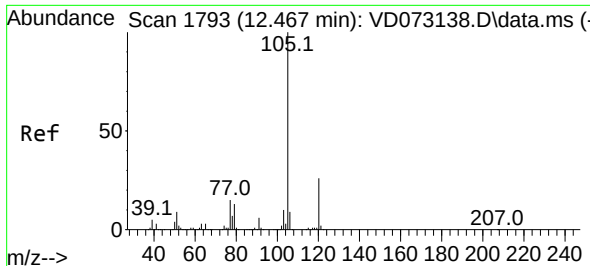
Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 159.2 0.0 348.6

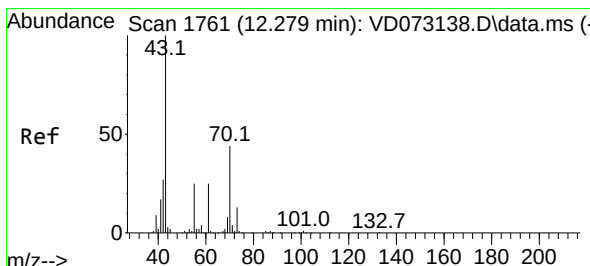
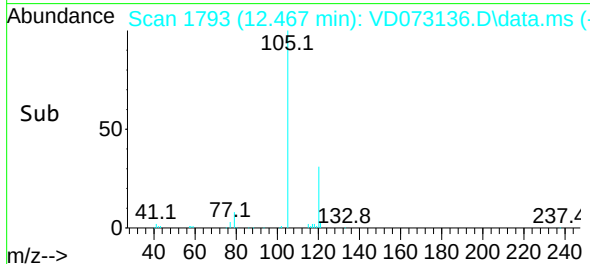
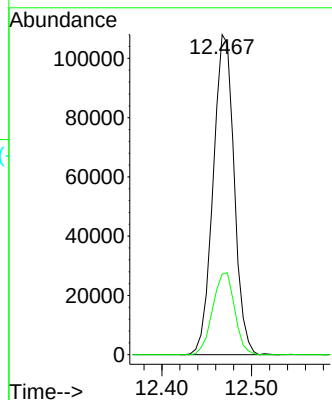
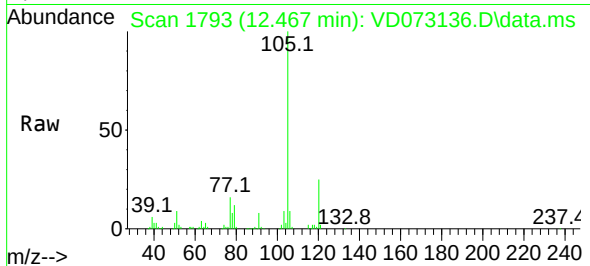




#73
Isopropylbenzene
Concen: 8.910 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

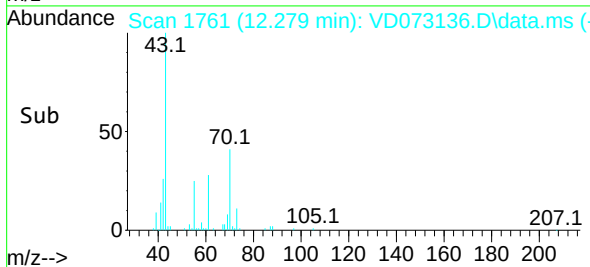
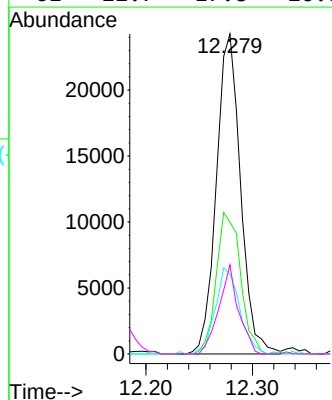
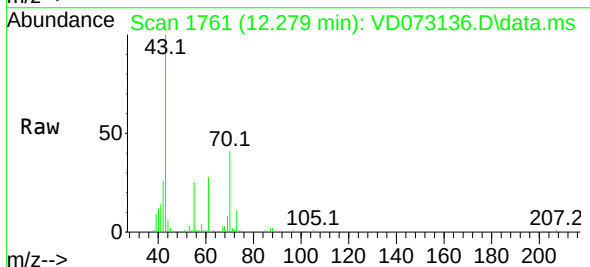
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

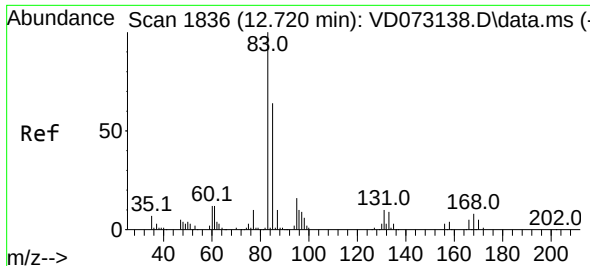
Tgt Ion:105 Resp: 175320
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9



#74
N-ethyl acetate
Concen: 8.500 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 43 Resp: 38244
Ion Ratio Lower Upper
43 100
70 44.5 31.3 46.9
55 26.8 20.0 30.0
61 22.7 17.8 26.8

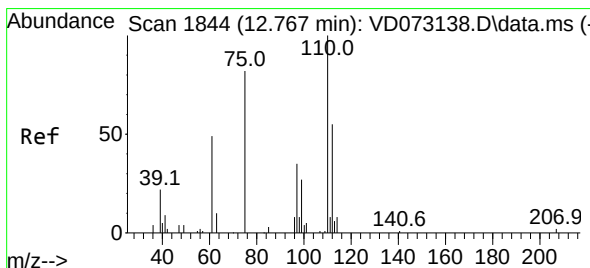
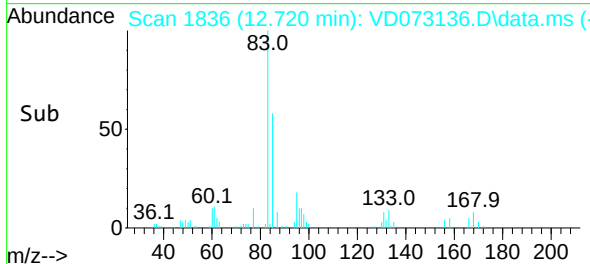
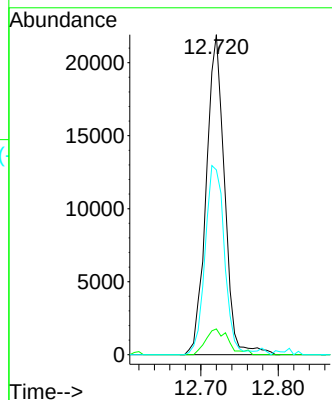
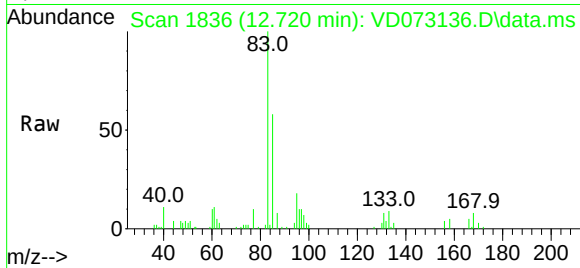




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.453 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

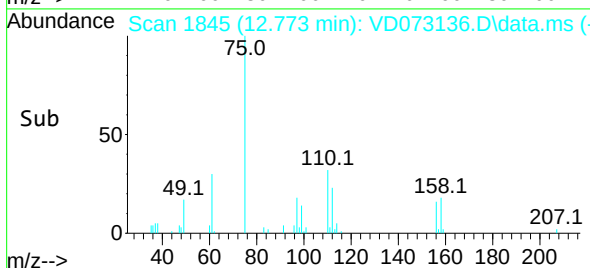
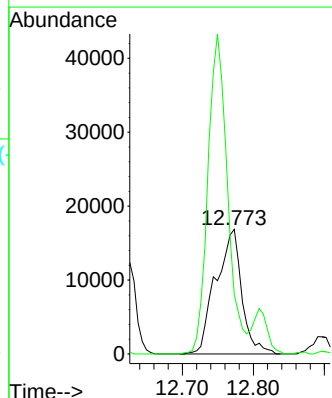
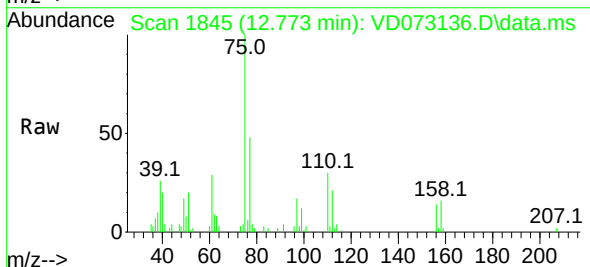
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

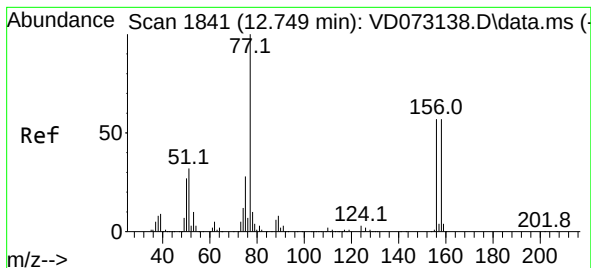
Tgt Ion: 83 Resp: 35983
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 14.9
 85 62.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 14.837 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

Tgt Ion: 75 Resp: 42817
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 8.862 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

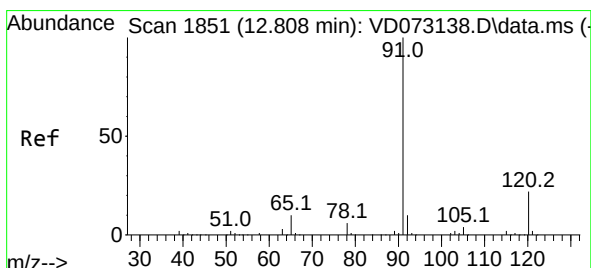
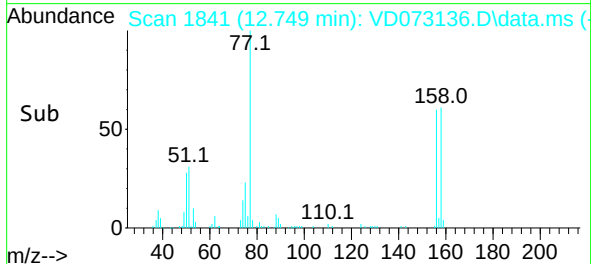
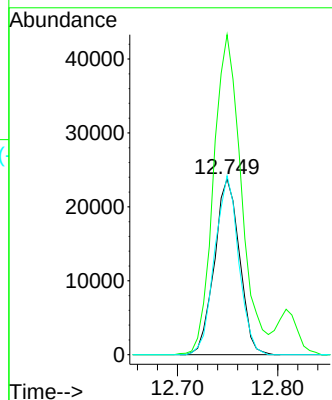
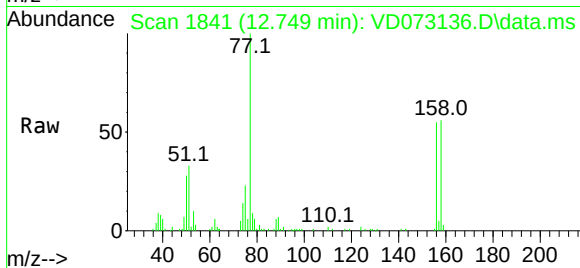
Tgt Ion:156 Resp: 41207

Ion Ratio Lower Upper

156 100

77 201.7 102.8 308.3

158 97.4 48.7 146.1



#78

n-propylbenzene

Concen: 9.107 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073136.D

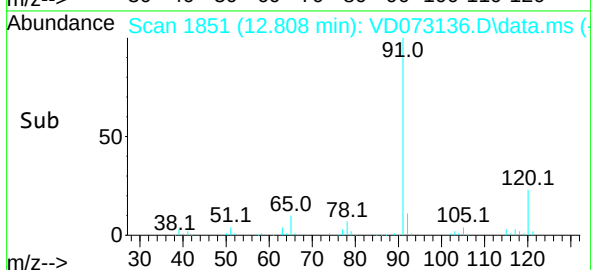
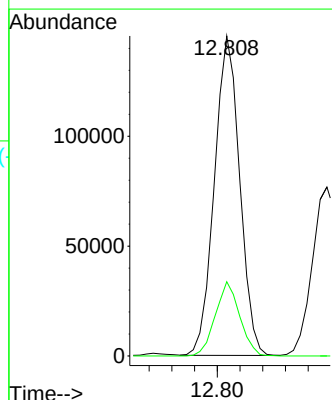
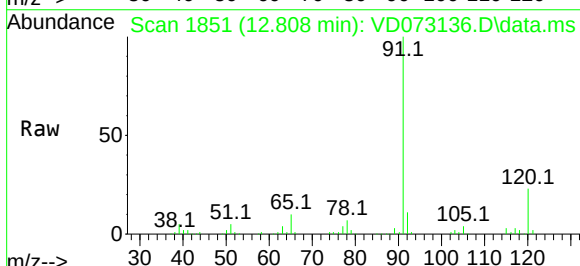
Acq: 19 May 2022 13:09

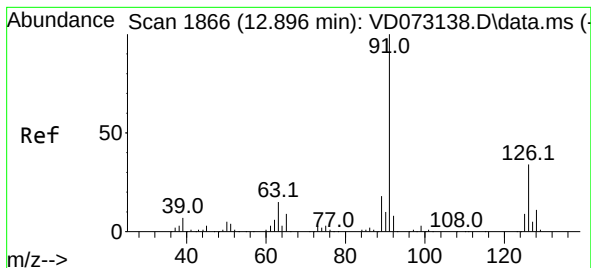
Tgt Ion: 91 Resp: 224716

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 9.101 ug/l

RT: 12.897 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

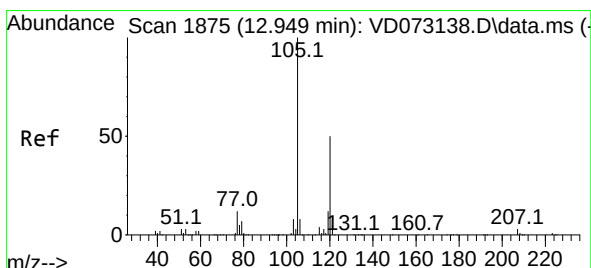
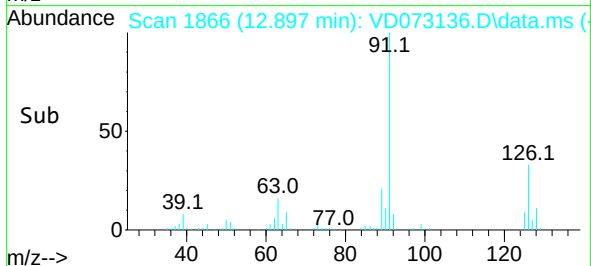
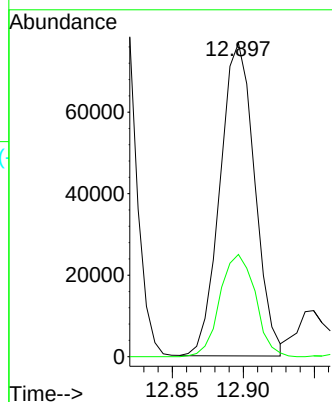
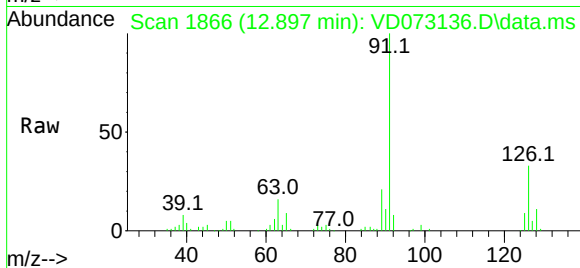
VSTDIC010

Tgt Ion: 91 Resp: 130343

Ion Ratio Lower Upper

91 100

126 33.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 9.030 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073136.D

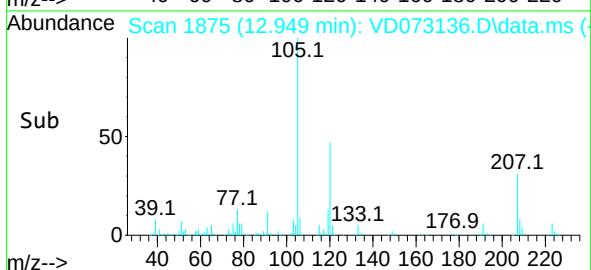
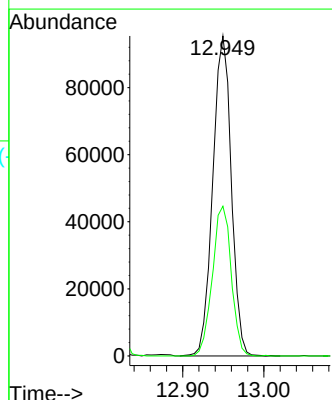
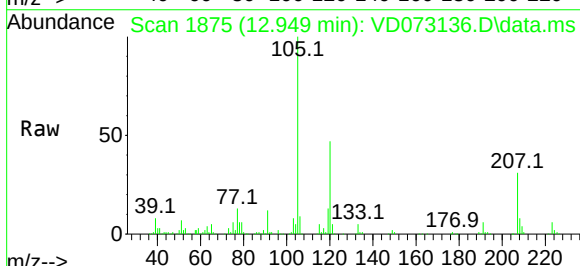
Acq: 19 May 2022 13:09

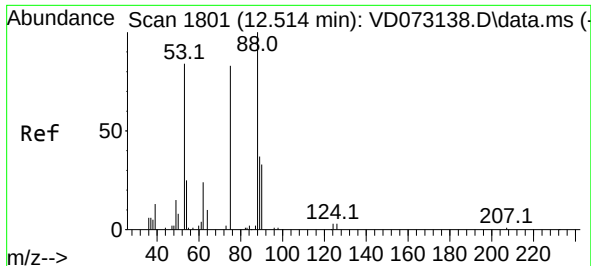
Tgt Ion: 105 Resp: 150994

Ion Ratio Lower Upper

105 100

120 47.8 24.3 72.8

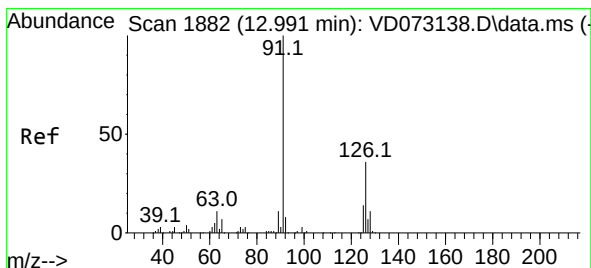
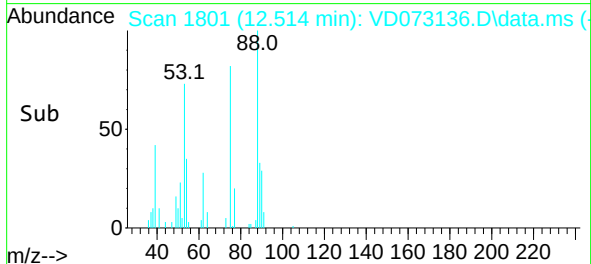
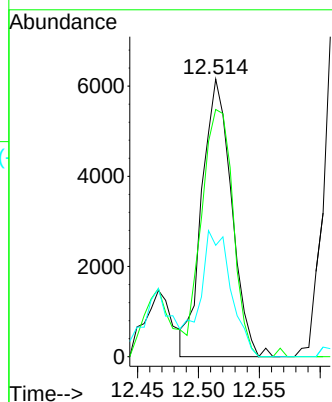
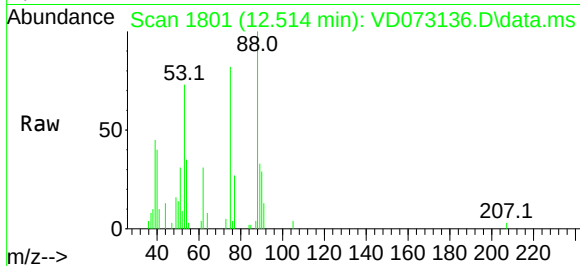




#81
trans-1,4-Dichloro-2-butene
Concen: 8.699 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

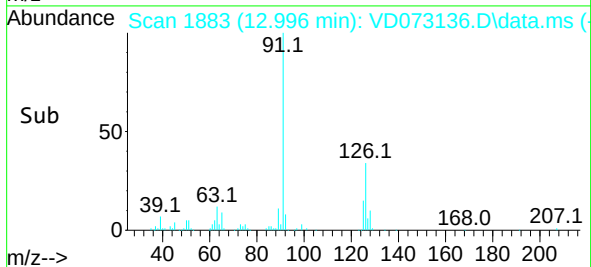
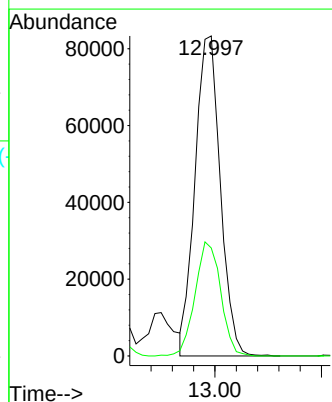
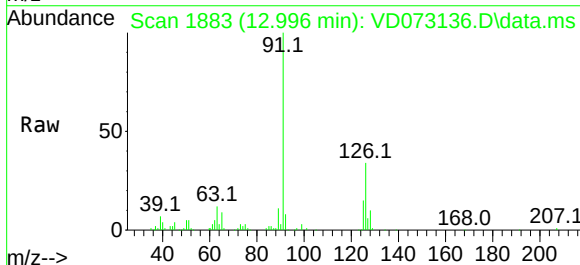
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

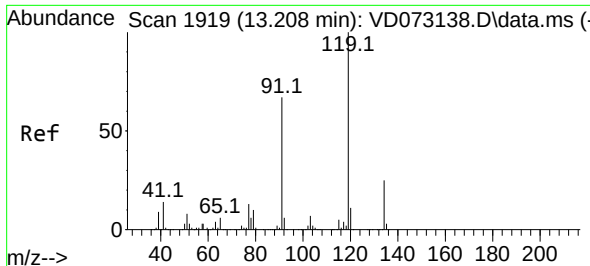
Tgt Ion: 75 Resp: 10439
Ion Ratio Lower Upper
75 100
53 93.0 86.5 129.7
89 47.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 9.051 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 91 Resp: 137336
Ion Ratio Lower Upper
91 100
126 36.2 16.5 49.5

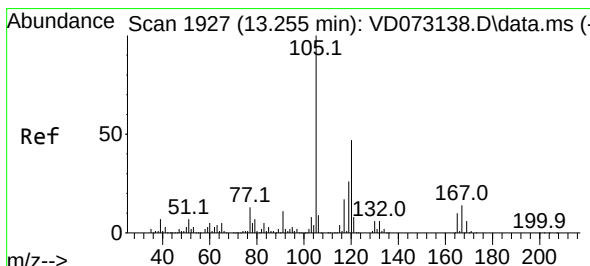
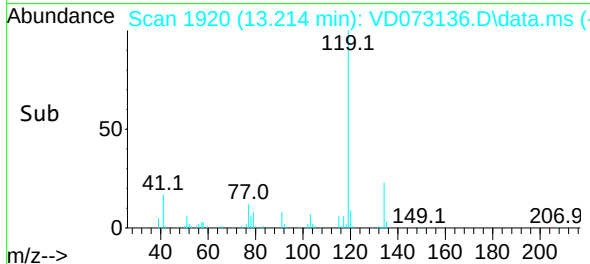
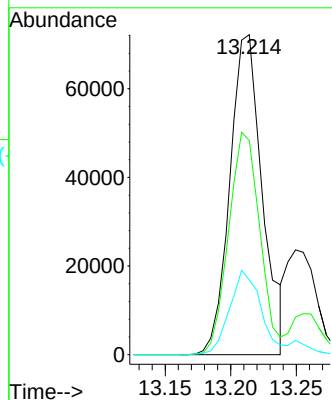
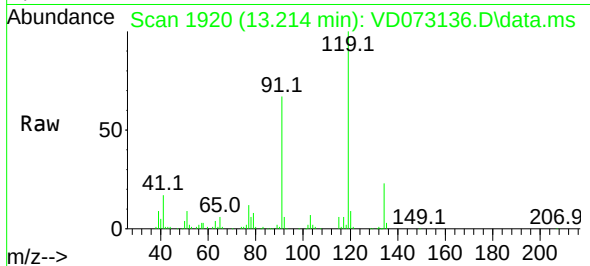




#83
tert-Butylbenzene
Concen: 8.794 ug/l
RT: 13.214 min Scan# 1919
Delta R.T. 0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

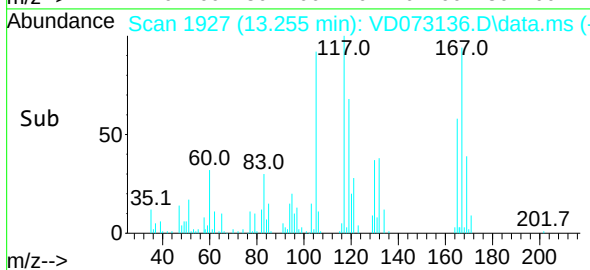
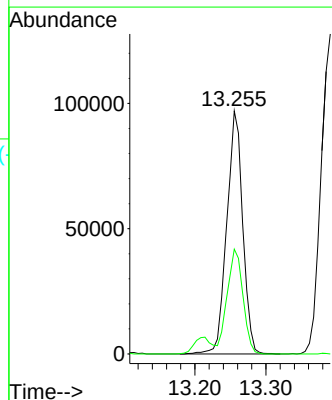
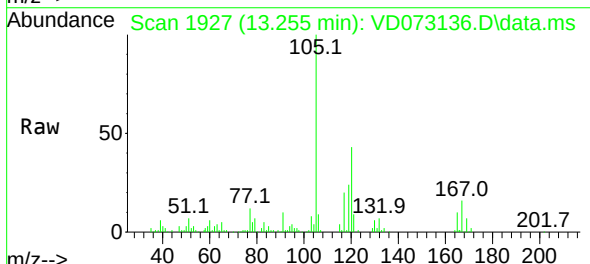
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

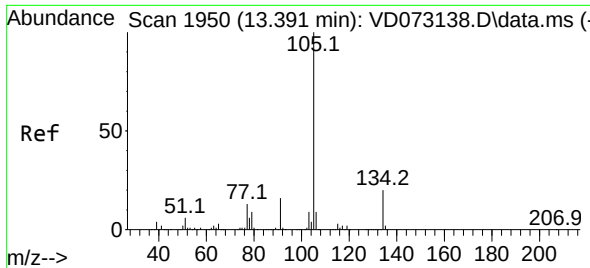
Tgt Ion:119 Resp: 124590
Ion Ratio Lower Upper
119 100
91 67.0 34.8 104.5
134 25.8 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 9.126 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion:105 Resp: 151211
Ion Ratio Lower Upper
105 100
120 42.4 22.3 66.8

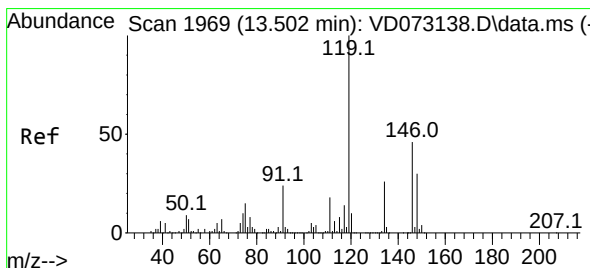
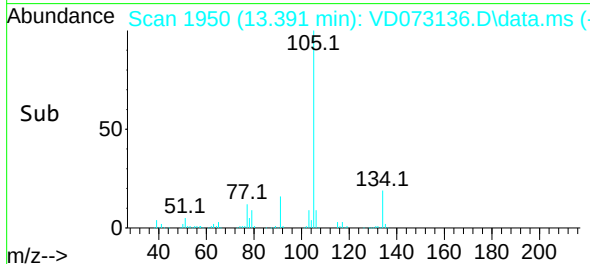
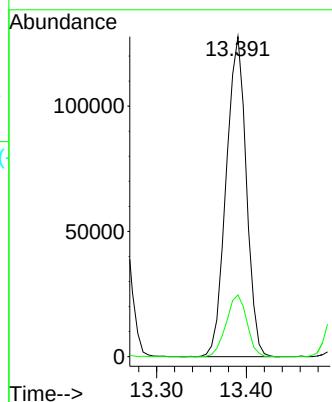
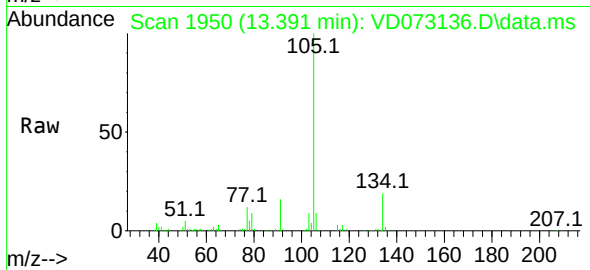




#85
 sec-Butylbenzene
 Concen: 9.240 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

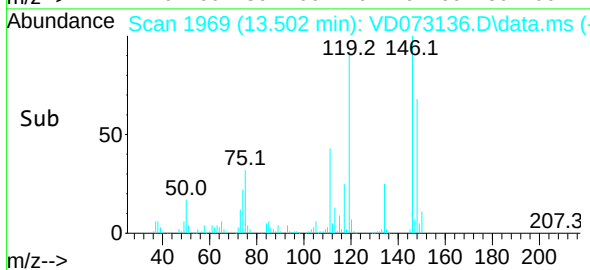
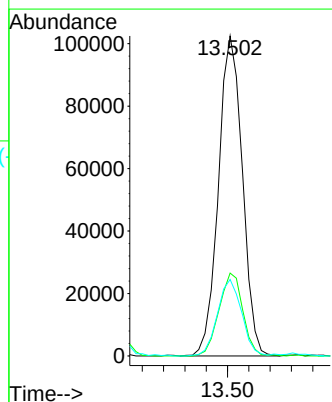
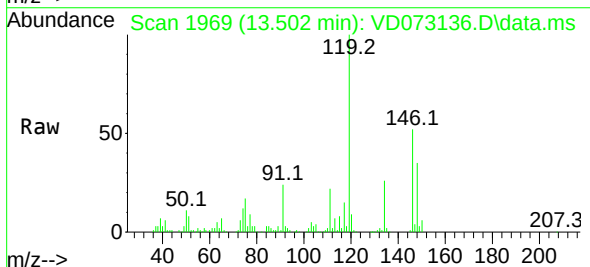
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

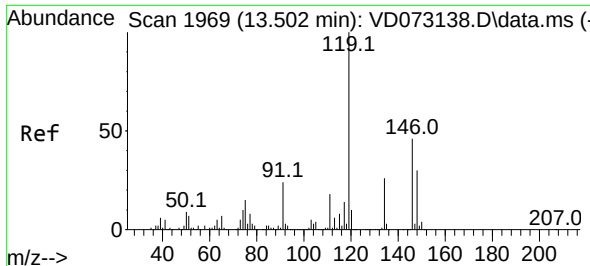
Tgt Ion:105 Resp: 198873
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 9.144 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

Tgt Ion:119 Resp: 159841
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.1 12.1 36.3

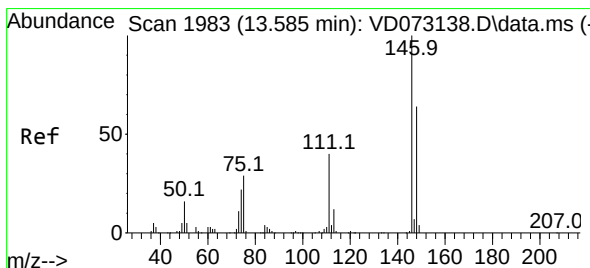
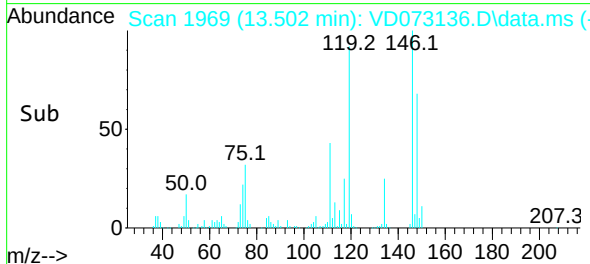
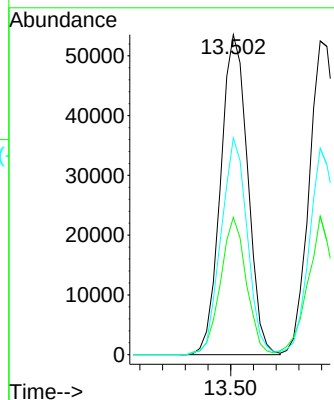
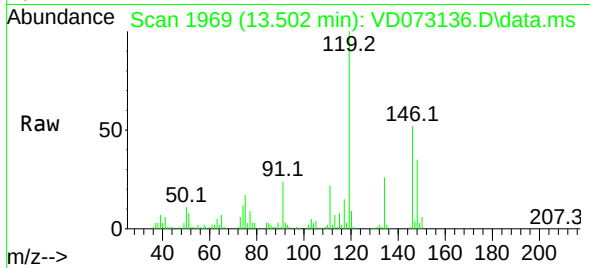




#87
 1,3-Dichlorobenzene
 Concen: 9.274 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

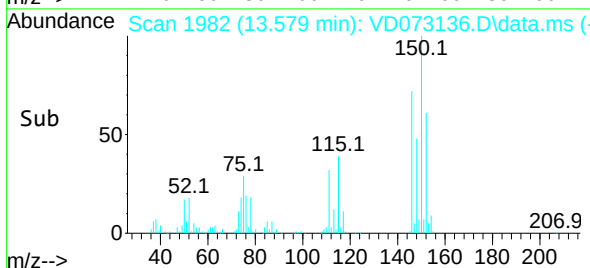
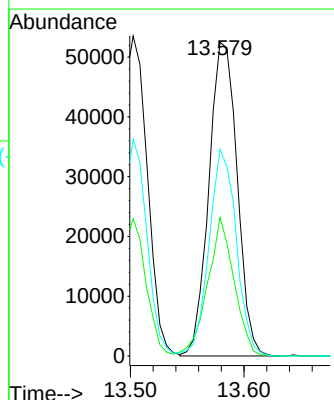
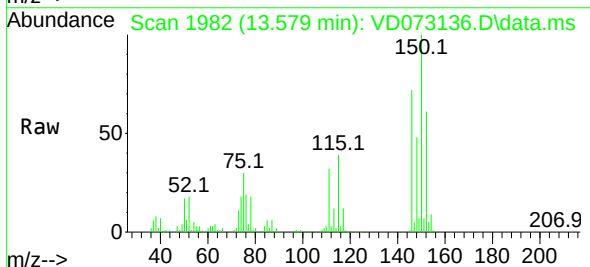
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

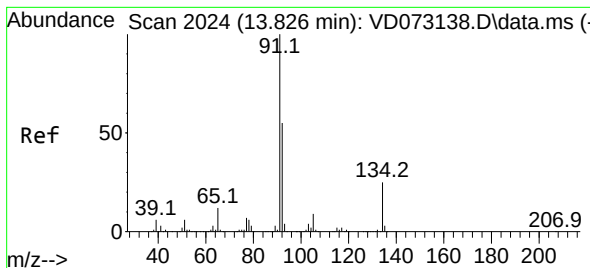
Tgt Ion:146 Resp: 88624
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 65.4 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 9.604 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073136.D
 Acq: 19 May 2022 13:09

Tgt Ion:146 Resp: 90834
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 60.9
 148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 8.787 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

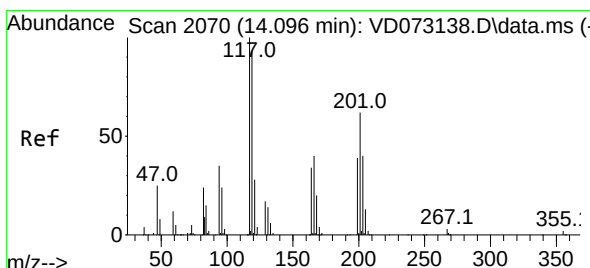
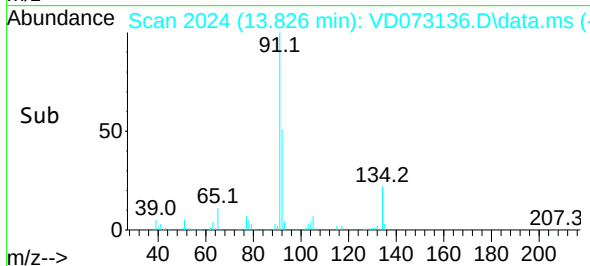
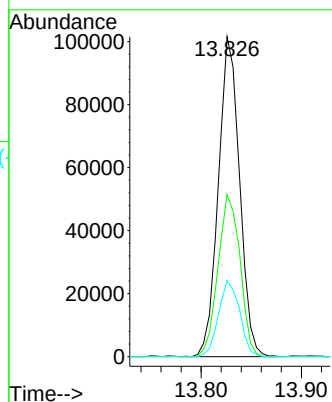
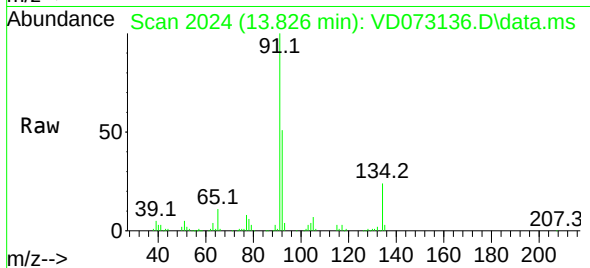
Tgt Ion: 91 Resp: 149256

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.8

134 23.7 12.3 36.9



#90

Hexachloroethane

Concen: 9.404 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073136.D

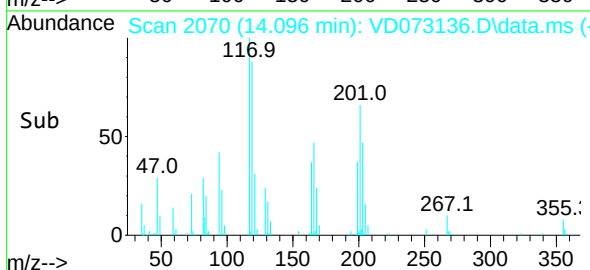
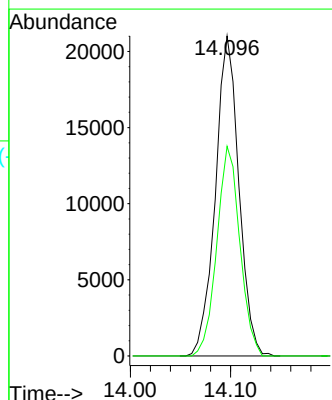
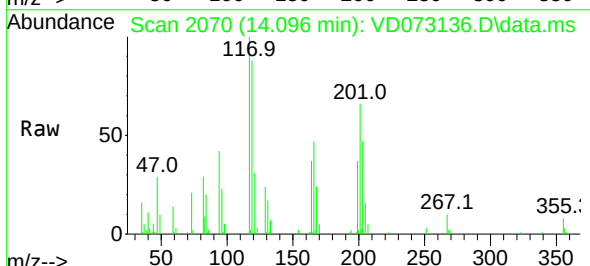
Acq: 19 May 2022 13:09

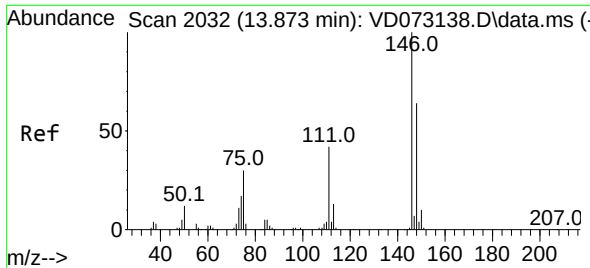
Tgt Ion: 117 Resp: 34190

Ion Ratio Lower Upper

117 100

201 64.1 33.4 100.2

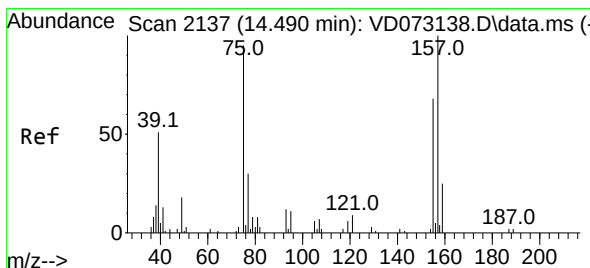
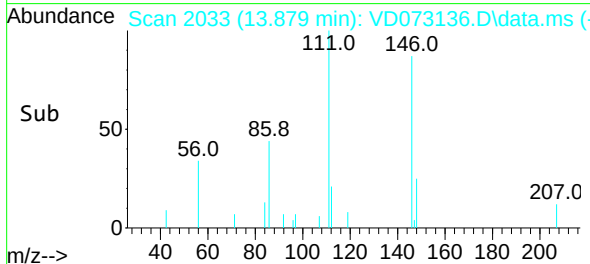
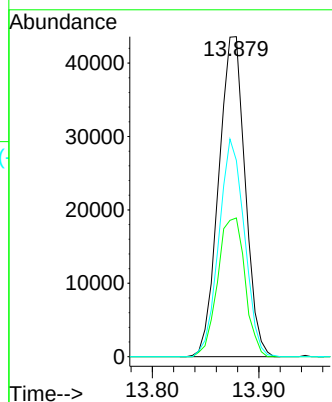
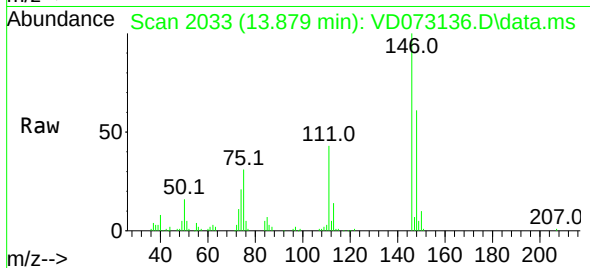




#91
1,2-Dichlorobenzene
Concen: 9.062 ug/l
RT: 13.879 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

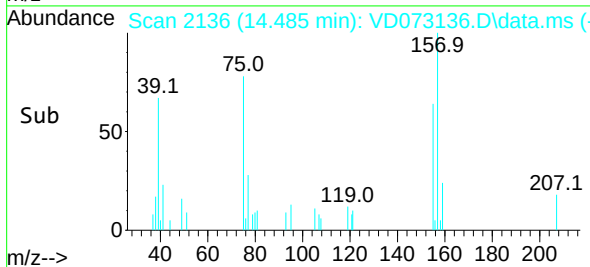
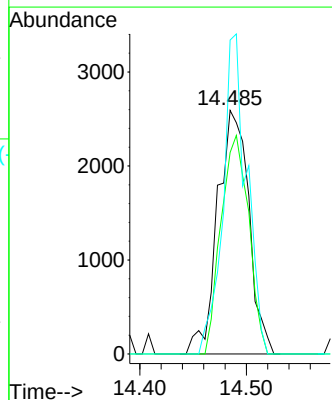
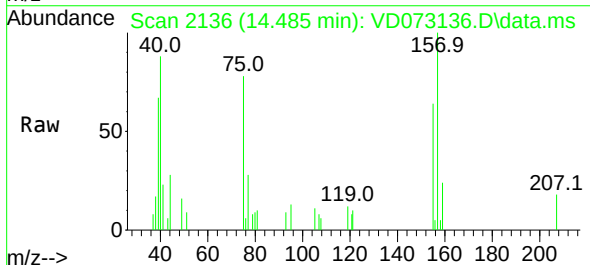
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC010

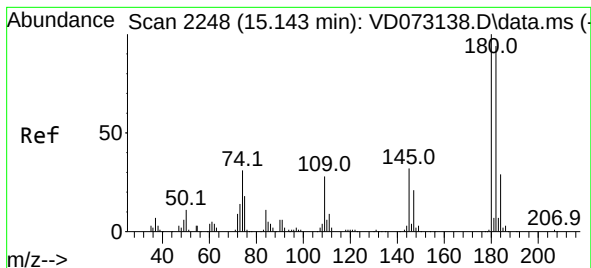
Tgt Ion:146 Resp: 75139
Ion Ratio Lower Upper
146 100
111 44.8 21.1 63.3
148 65.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.958 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD073136.D
Acq: 19 May 2022 13:09

Tgt Ion: 75 Resp: 5285
Ion Ratio Lower Upper
75 100
155 79.5 36.8 110.3
157 99.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 8.522 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

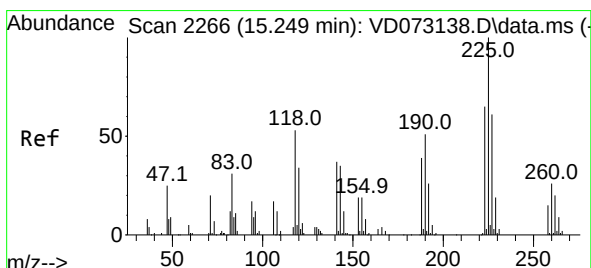
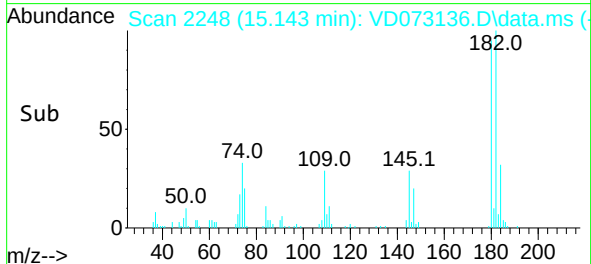
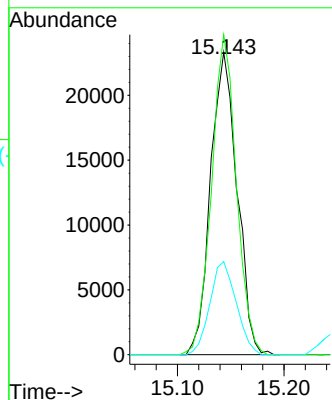
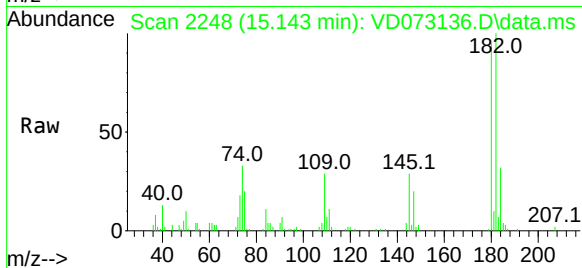
Tgt Ion:180 Resp: 40285

Ion Ratio Lower Upper

180 100

182 99.3 47.3 142.0

145 30.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 9.151 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

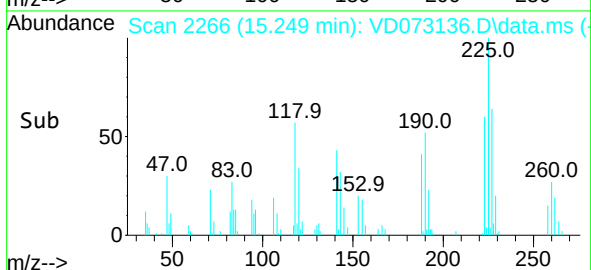
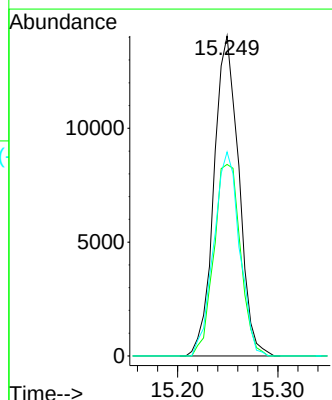
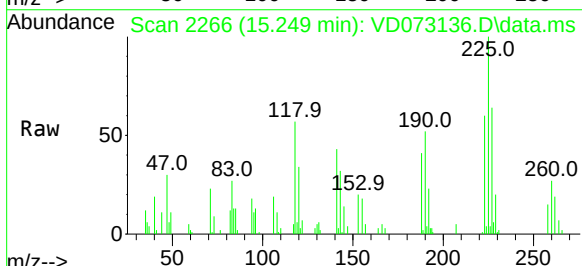
Tgt Ion:225 Resp: 24143

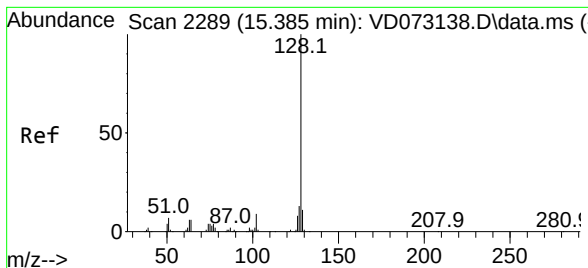
Ion Ratio Lower Upper

225 100

223 64.2 31.1 93.2

227 66.4 32.4 97.0





#95

Naphthalene

Concen: 7.847 ug/l

RT: 15.385 min Scan# 2289

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC010

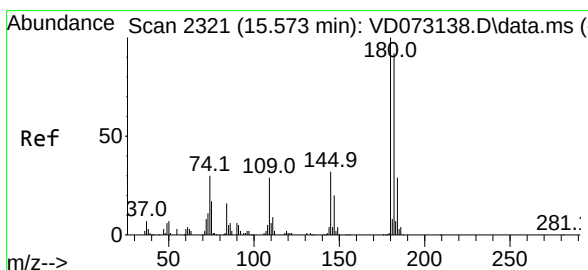
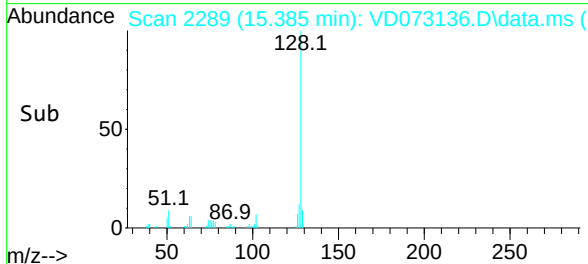
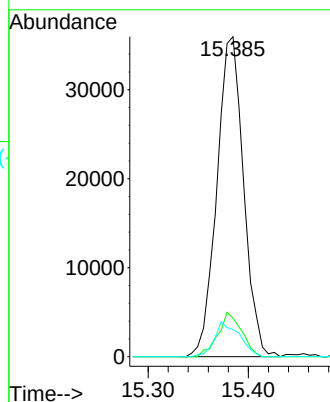
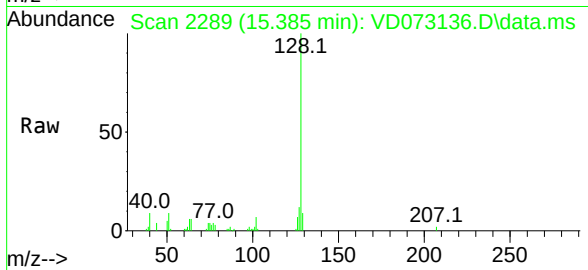
Tgt Ion:128 Resp: 66562

Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

129 10.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 8.478 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. 0.000 min

Lab File: VD073136.D

Acq: 19 May 2022 13:09

Tgt Ion:180 Resp: 35539

Ion Ratio Lower Upper

180 100

182 96.8 47.6 142.9

145 34.6 17.1 51.3

