

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073087.D
 Acq On : 18 May 2022 06:35
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 06:53:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	302468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	539581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	532016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	250958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184833	48.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.720%
35) Dibromofluoromethane	7.909	113	182195	48.092	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.180%
50) Toluene-d8	10.332	98	695679	50.618	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.620	95	247642	49.748	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	133233	35.226	ug/l	100
3) Chloromethane	2.209	50	168659	43.255	ug/l	97
4) Vinyl Chloride	2.344	62	148532	41.420	ug/l	100
5) Bromomethane	2.762	94	107900	42.364	ug/l	95
6) Chloroethane	2.915	64	96368	43.154	ug/l	98
7) Trichlorofluoromethane	3.268	101	258342	39.367	ug/l	92
8) Diethyl Ether	3.709	74	83377	46.432	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.085	101	150145	38.636	ug/l	96
10) Methyl Iodide	4.291	142	177773	40.223	ug/l	98
11) Tert butyl alcohol	5.215	59	85705	146.485	ug/l #	91
12) 1,1-Dichloroethene	4.062	96	148190	42.170	ug/l	92
13) Acrolein	3.915	56	65488	186.855	ug/l	99
14) Allyl chloride	4.709	41	255649	45.918	ug/l	91
15) Acrylonitrile	5.415	53	202975	235.847	ug/l	98
16) Acetone	4.150	43	153716	224.562	ug/l	90
17) Carbon Disulfide	4.403	76	509552	43.294	ug/l	98
18) Methyl Acetate	4.715	43	94709	45.941	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	399493	48.611	ug/l	97
20) Methylene Chloride	4.962	84	217507	43.780	ug/l	84
21) trans-1,2-Dichloroethene	5.467	96	192498	46.051	ug/l	91
22) Diisopropyl ether	6.356	45	581514	48.661	ug/l	92
23) Vinyl Acetate	6.303	43	1568047	242.888	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	344642	46.356	ug/l	97
25) 2-Butanone	7.209	43	241321	232.816	ug/l	93
26) 2,2-Dichloropropane	7.203	77	241626	38.388	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	218234	47.343	ug/l	91
28) Bromochloromethane	7.538	49	127619	50.111	ug/l	84
29) Tetrahydrofuran	7.561	42	162342	243.399	ug/l	93
30) Chloroform	7.703	83	368844	46.367	ug/l	98
31) Cyclohexane	7.979	56	262400	38.512	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	302015	44.315	ug/l	97
36) 1,1-Dichloropropene	8.103	75	256825	41.605	ug/l	97
37) Ethyl Acetate	7.291	43	110988	42.812	ug/l #	95
38) Carbon Tetrachloride	8.091	117	254725	40.333	ug/l	97
39) Methylcyclohexane	9.350	83	277204	38.511	ug/l	98
40) Benzene	8.344	78	790481	44.785	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	69261	47.379	ug/l	92
42) 1,2-Dichloroethane	8.414	62	225885	43.967	ug/l	96
43) Isopropyl Acetate	8.444	43	216872	44.995	ug/l #	92
44) Trichloroethene	9.103	130	203934	42.716	ug/l	95
45) 1,2-Dichloropropane	9.379	63	204505	44.616	ug/l	94
46) Dibromomethane	9.467	93	113013	44.589	ug/l	98
47) Bromodichloromethane	9.655	83	282487	43.882	ug/l	99
48) Methyl methacrylate	9.450	41	104264	43.611	ug/l #	84
49) 1,4-Dioxane	9.450	88	24730	937.177	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	582063	231.408	ug/l	95
52) Toluene	10.397	92	506794	45.225	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	246150	41.926	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	292088	42.196	ug/l #	87
55) 1,1,2-Trichloroethane	10.785	97	152775	44.161	ug/l	95
56) Ethyl methacrylate	10.650	69	185021	47.290	ug/l	88
57) 1,3-Dichloropropane	10.938	76	260862	44.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	432749	211.562	ug/l	96
59) 2-Hexanone	10.973	43	392786	236.390	ug/l	95
60) Dibromochloromethane	11.132	129	189870	44.176	ug/l	100
61) 1,2-Dibromoethane	11.238	107	149082	44.783	ug/l	99
64) Tetrachloroethene	10.867	164	161998	41.562	ug/l	92
65) Chlorobenzene	11.661	112	537630	44.568	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	202245	43.889	ug/l	98
67) Ethyl Benzene	11.738	91	962952	45.846	ug/l	100
68) m/p-Xylenes	11.844	106	758245	93.146	ug/l	98
69) o-Xylene	12.167	106	346670	46.180	ug/l	99
70) Styrene	12.185	104	621367	47.389	ug/l	97
71) Bromoform	12.349	173	109359	45.075	ug/l #	99
73) Isopropylbenzene	12.467	105	897652	47.189	ug/l	100
74) N-amyl acetate	12.279	43	215154	48.398	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	174834	46.620	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	217376	76.624	ug/l #	100
77) Bromobenzene	12.749	156	215128	47.398	ug/l	93
78) n-propylbenzene	12.808	91	1115511	46.697	ug/l	99
79) 2-Chlorotoluene	12.896	91	656610	47.183	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	774115	47.769	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	49194	41.579	ug/l	91
82) 4-Chlorotoluene	12.991	91	685248	46.526	ug/l	99
83) tert-Butylbenzene	13.208	119	634958	46.257	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	781370	48.464	ug/l	99
85) sec-Butylbenzene	13.385	105	952780	45.728	ug/l	99
86) p-Isopropyltoluene	13.502	119	800098	47.209	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	430614	46.160	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	419574	45.515	ug/l	99
89) n-Butylbenzene	13.826	91	742641	45.058	ug/l	99
90) Hexachloroethane	14.096	117	159833	45.387	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	369377	45.652	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	26628	45.681	ug/l	86
93) 1,2,4-Trichlorobenzene	15.143	180	218100	47.244	ug/l	99
94) Hexachlorobutadiene	15.249	225	108259	42.013	ug/l	98
95) Naphthalene	15.379	128	418998	43.463	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	193039	47.099	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration

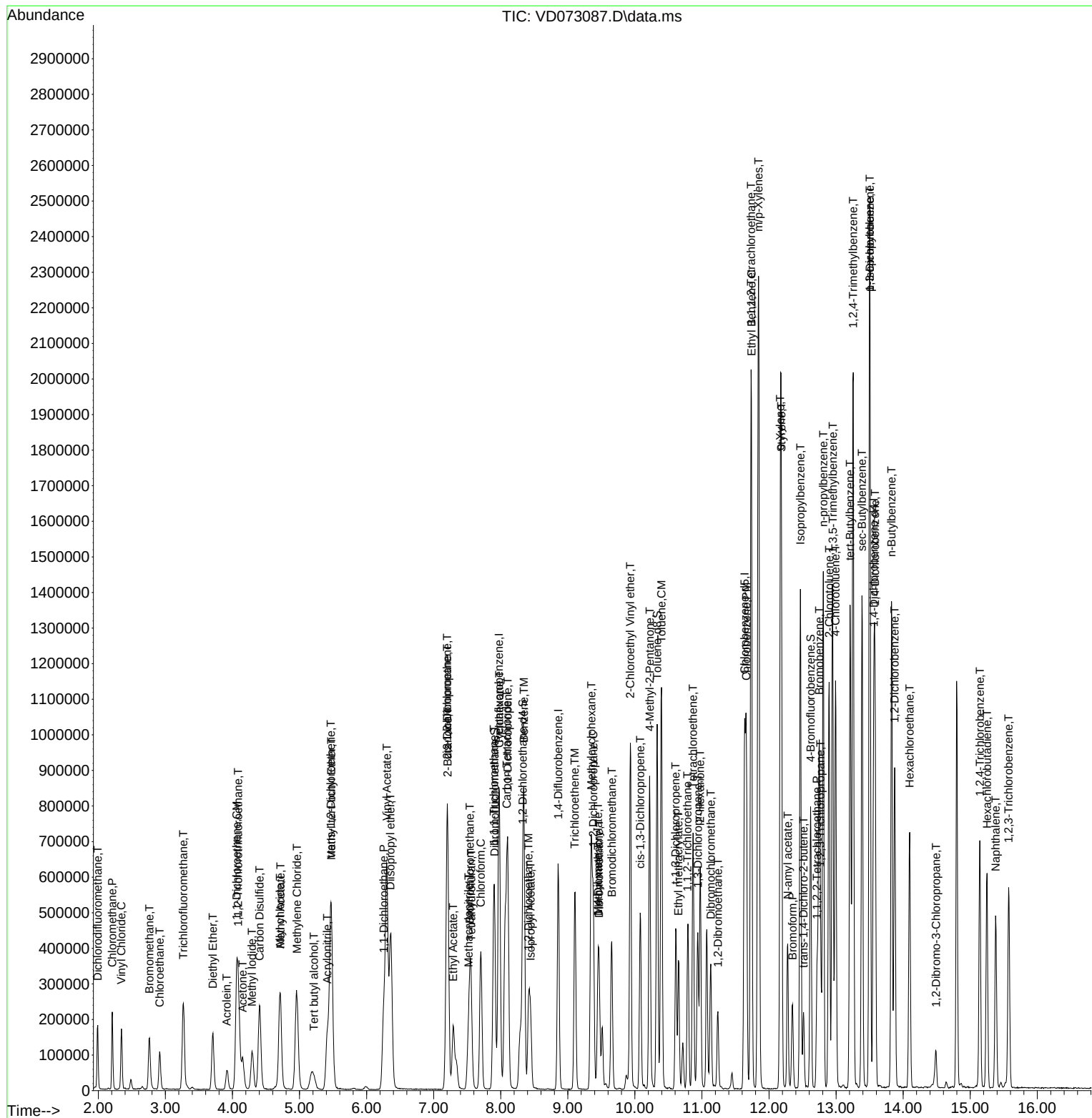
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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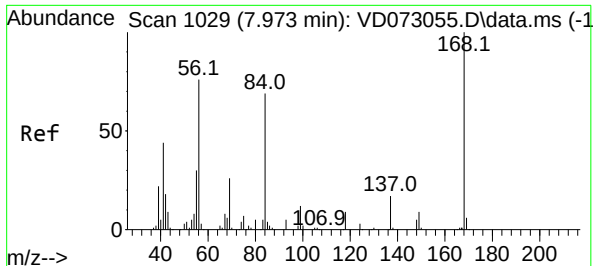
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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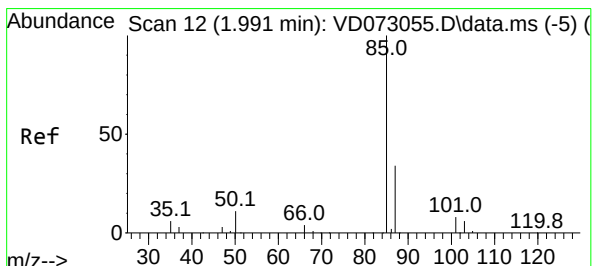
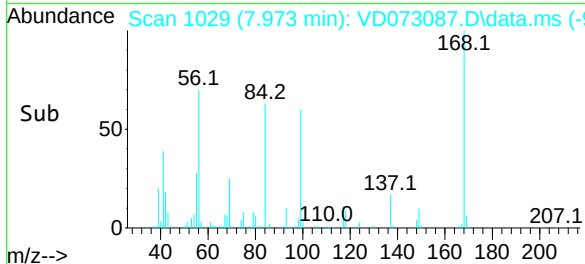
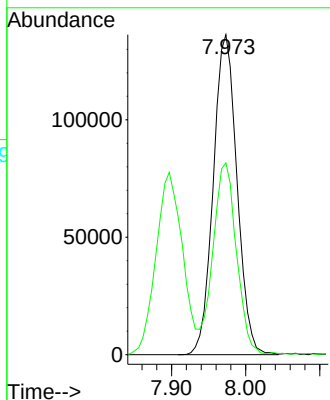
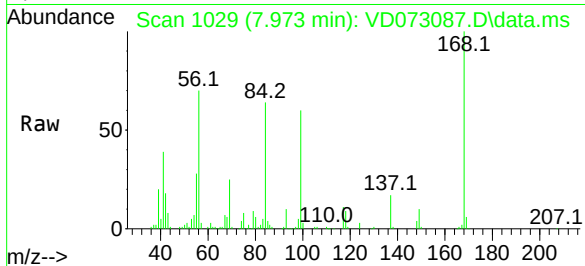




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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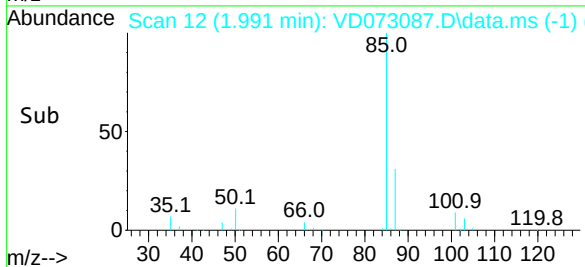
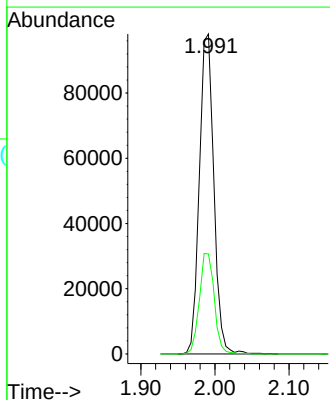
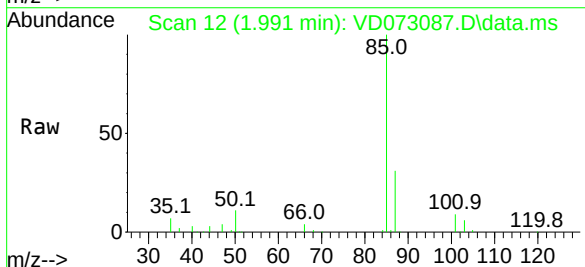
Instrument :
MSVOA_D
ClientSampleId :

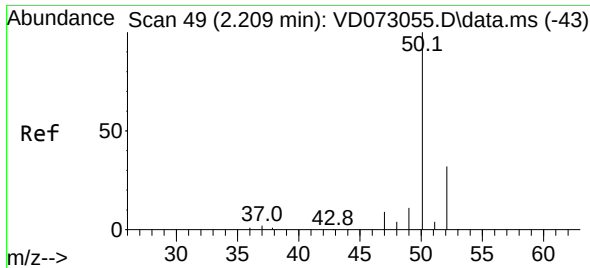
Tgt Ion:168 Resp: 302468
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 35.226 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

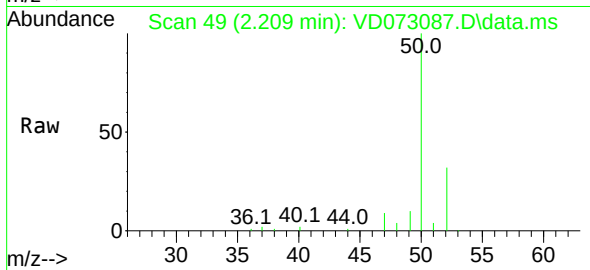
Tgt Ion: 85 Resp: 133233
Ion Ratio Lower Upper
85 100
87 31.3 15.7 47.0



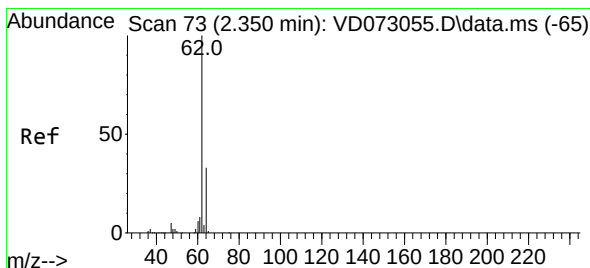
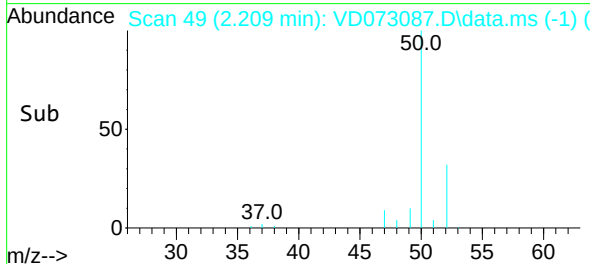
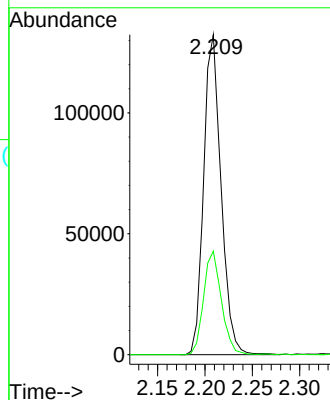


#3
Chloromethane
Concen: 43.255 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Instrument :
MSVOA_D
ClientSampleId :

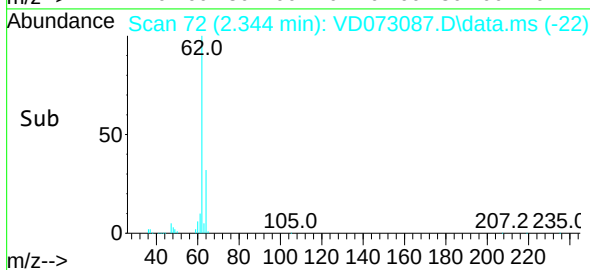
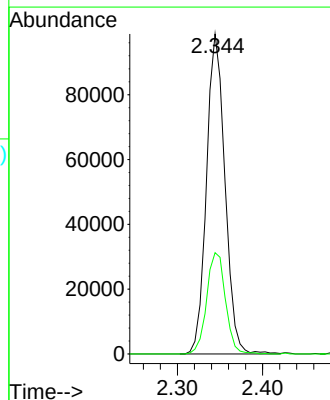
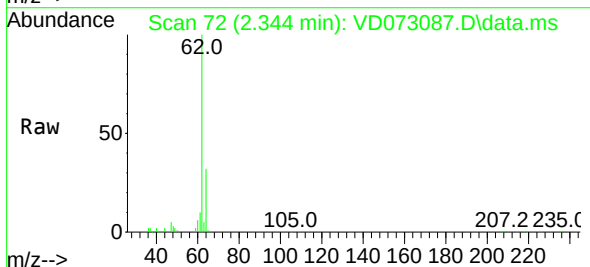


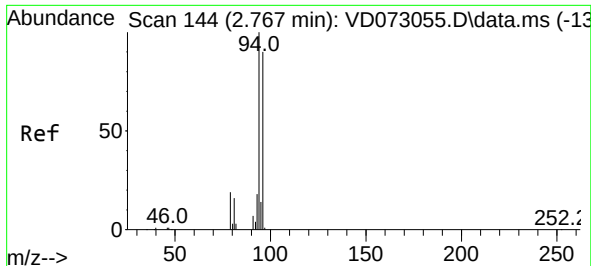
Tgt Ion: 50 Resp: 168659
Ion Ratio Lower Upper
50 100
52 32.3 27.4 41.0



#4
Vinyl Chloride
Concen: 41.420 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 62 Resp: 148532
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0

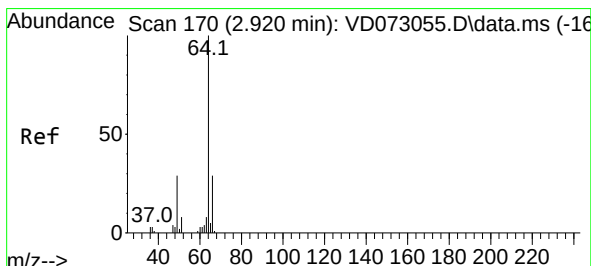
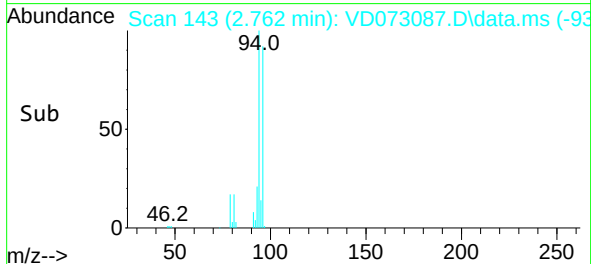
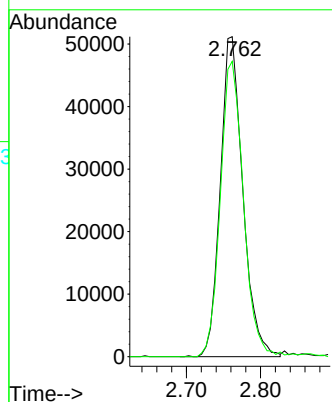
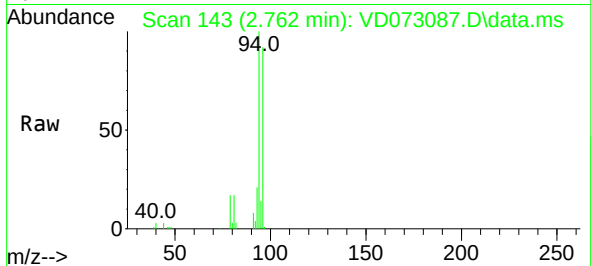




#5
Bromomethane
Concen: 42.364 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

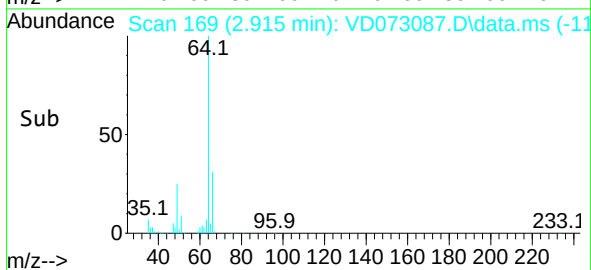
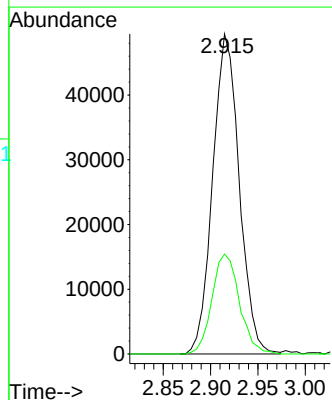
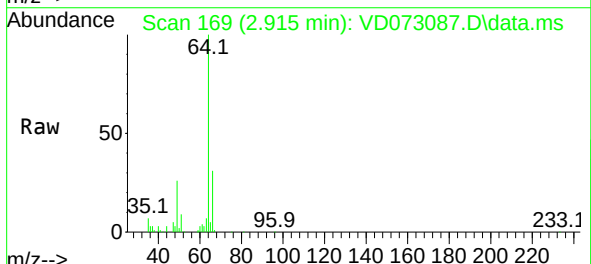
Instrument :
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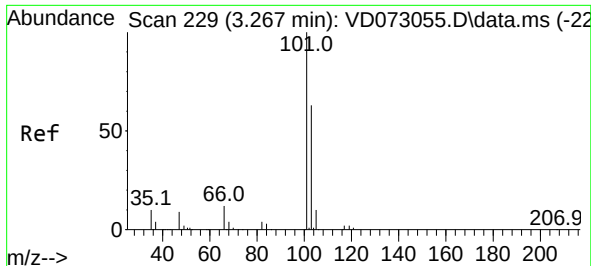
Tgt Ion: 94 Resp: 107900
Ion Ratio Lower Upper
94 100
96 92.3 77.6 116.4



#6
Chloroethane
Concen: 43.154 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 64 Resp: 96368
Ion Ratio Lower Upper
64 100
66 31.2 25.9 38.9

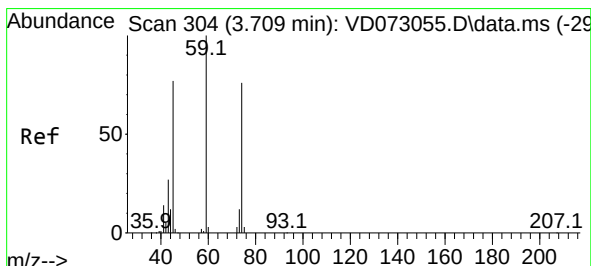
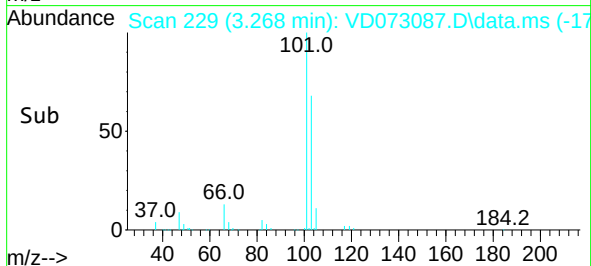
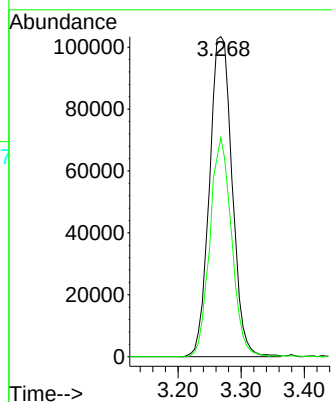
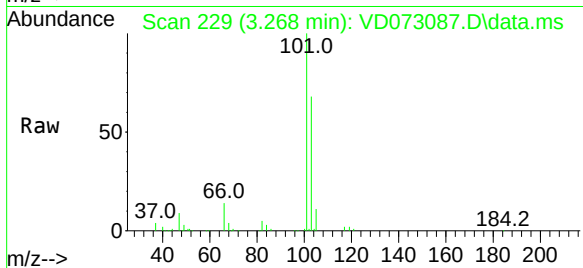




#7
 Trichlorofluoromethane
 Concen: 39.367 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

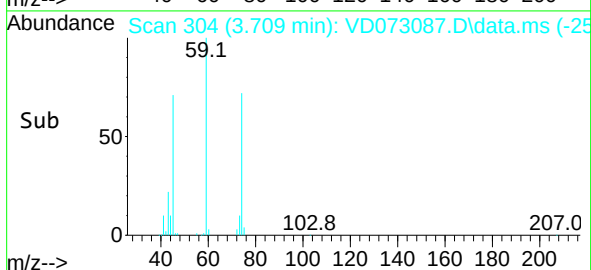
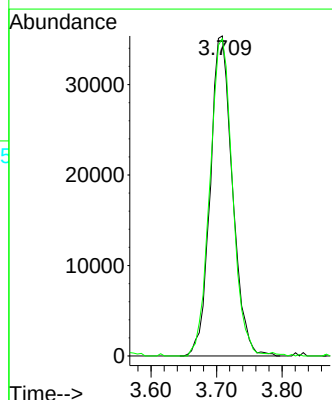
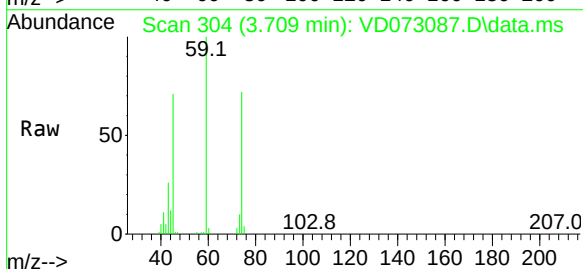
Instrument :
 MSVOA_D
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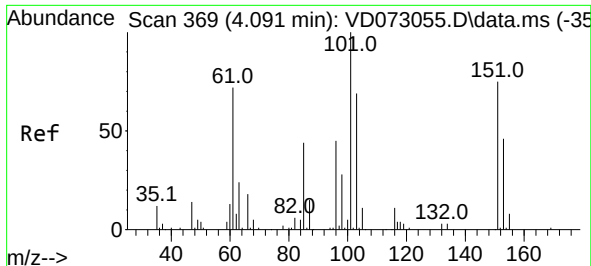
Tgt Ion: 101 Resp: 258342
 Ion Ratio Lower Upper
 101 100
 103 68.4 50.1 75.1



#8
 Diethyl Ether
 Concen: 46.432 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD073087.D
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Tgt Ion: 74 Resp: 83377
 Ion Ratio Lower Upper
 74 100
 45 100.6 52.6 157.8

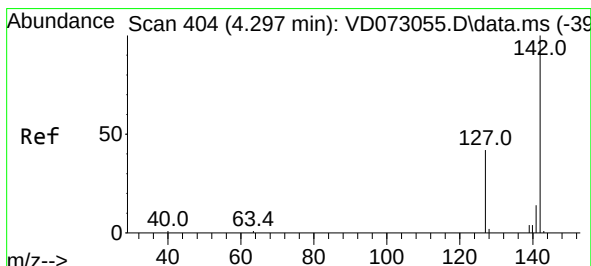
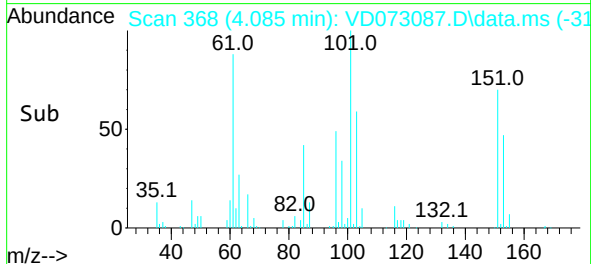
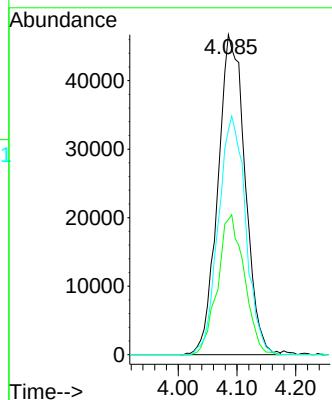
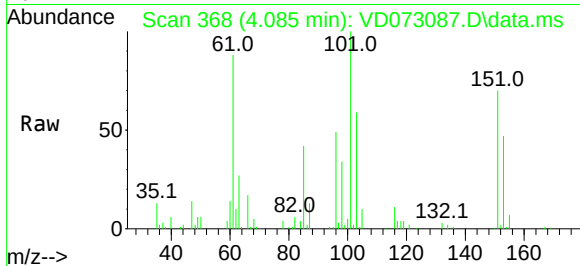




#9
1,1,2-Trichlorotrifluoroethane
Concen: 38.636 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

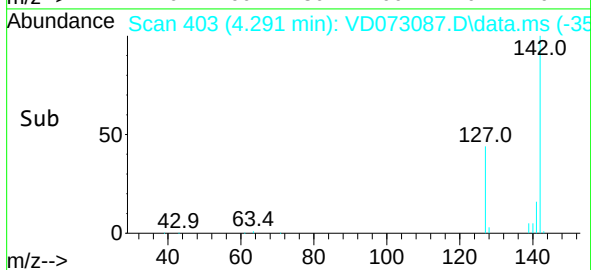
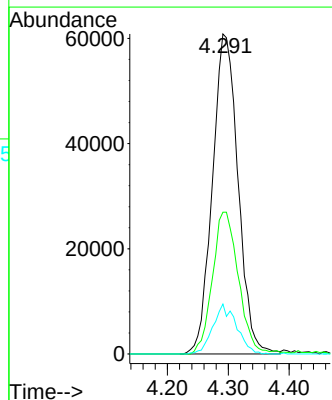
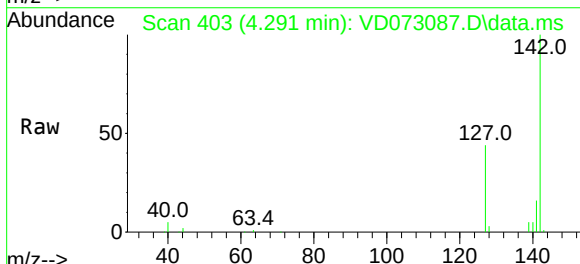
Instrument :
MSVOA_D
ClientSampleId :

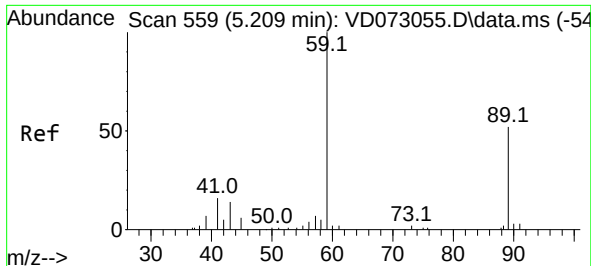
Tgt Ion:101 Resp: 150145
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 74.7 57.3 85.9



#10
Methyl Iodide
Concen: 40.223 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion:142 Resp: 177773
Ion Ratio Lower Upper
142 100
127 45.2 37.3 55.9
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 146.485 ug/l

RT: 5.215 min Scan# 5

Delta R.T. 0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

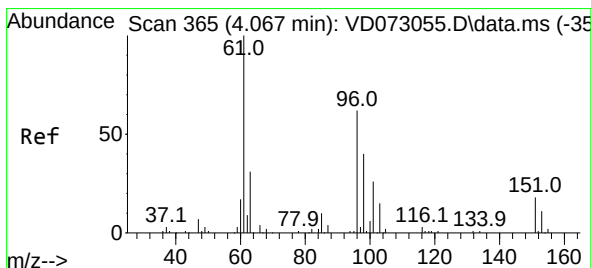
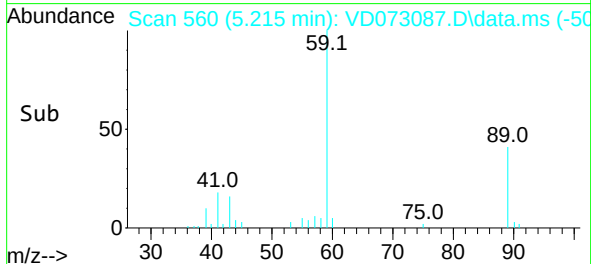
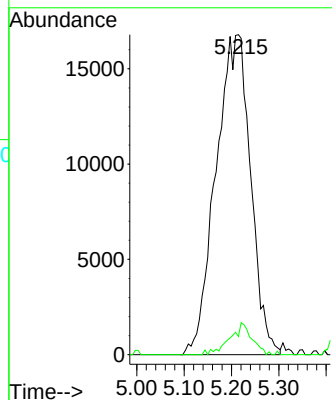
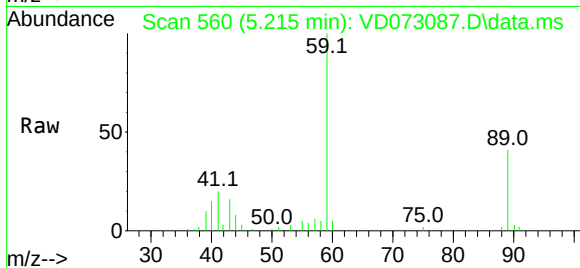
ClientSampleId :

Tgt Ion: 59 Resp: 85705

Ion Ratio Lower Upper

59 100

57 6.3 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 42.170 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

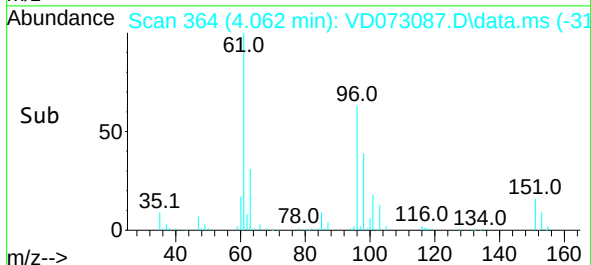
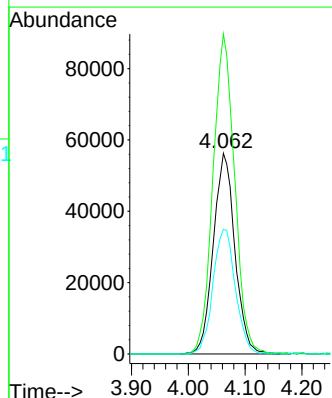
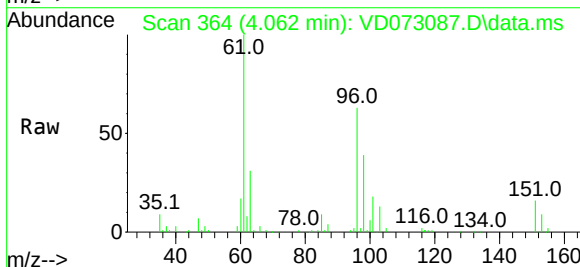
Tgt Ion: 96 Resp: 148190

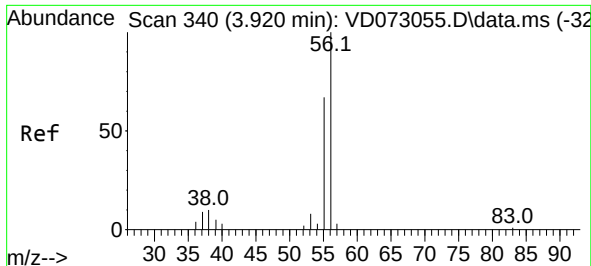
Ion Ratio Lower Upper

96 100

61 159.4 138.5 207.7

98 62.1 48.6 73.0





#13

Acrolein

Concen: 186.855 ug/l

RT: 3.915 min Scan# 31

Delta R.T. -0.005 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

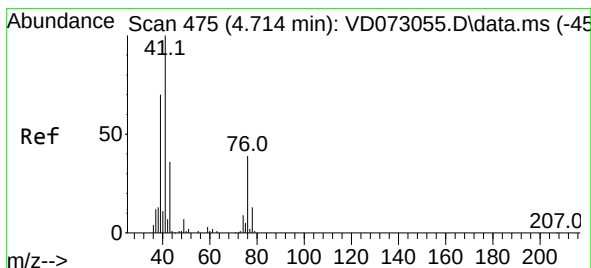
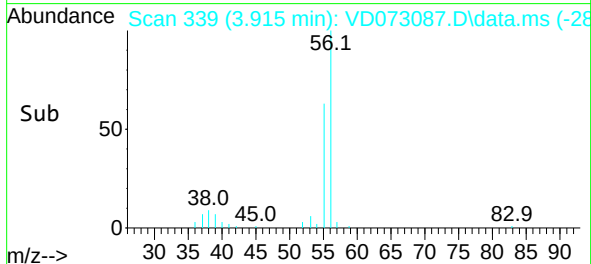
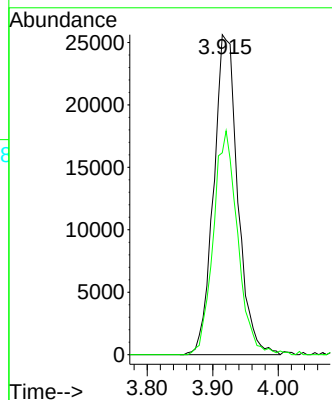
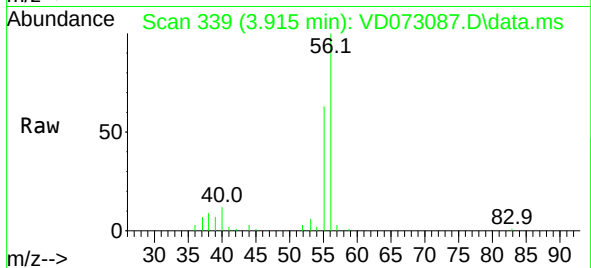
ClientSampleId :

Tgt Ion: 56 Resp: 65488

Ion Ratio Lower Upper

56 100

55 70.3 57.1 85.7



#14

Allyl chloride

Concen: 45.918 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

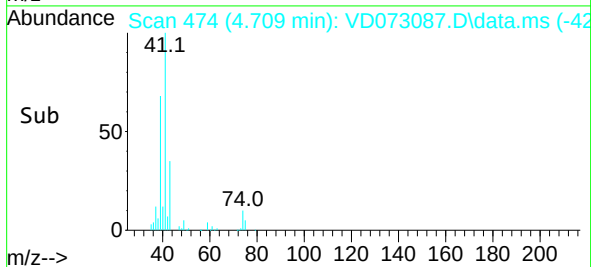
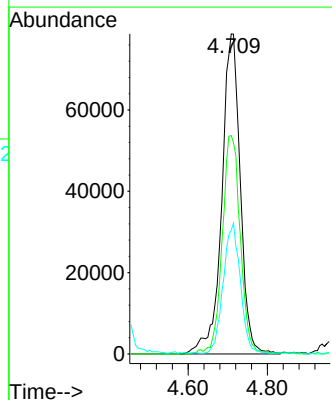
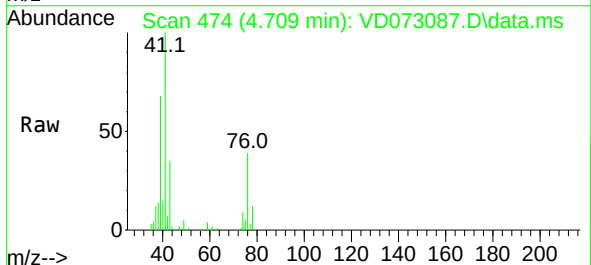
Tgt Ion: 41 Resp: 255649

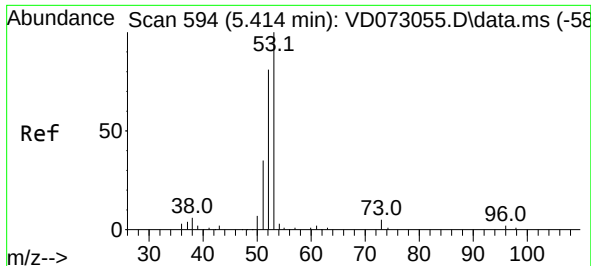
Ion Ratio Lower Upper

41 100

39 66.4 59.3 88.9

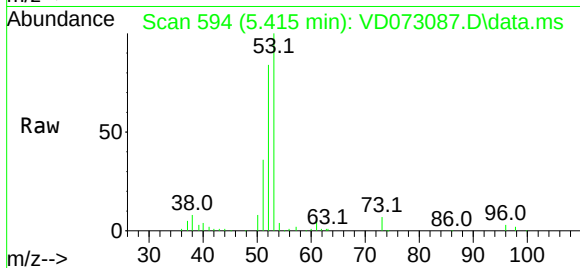
76 37.9 25.7 38.5



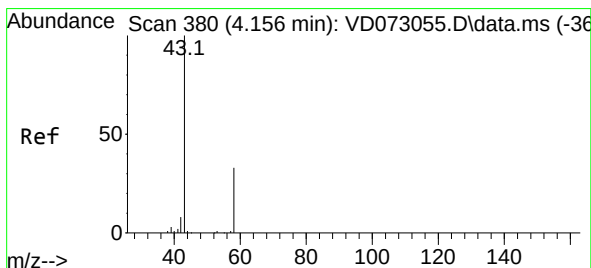
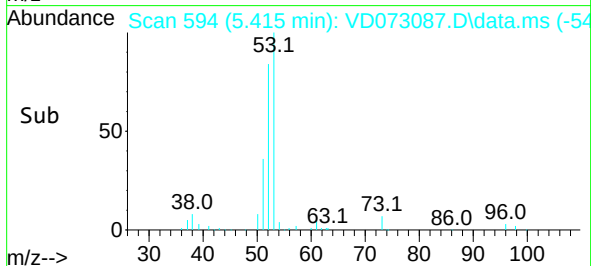
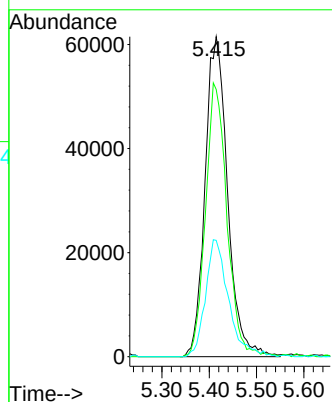


#15
Acrylonitrile
Concen: 235.847 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Instrument :
MSVOA_D
ClientSampleId :

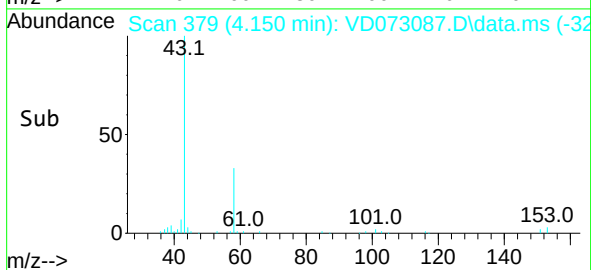
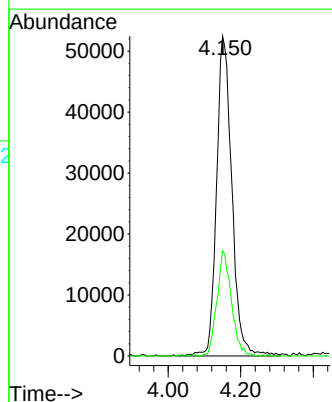
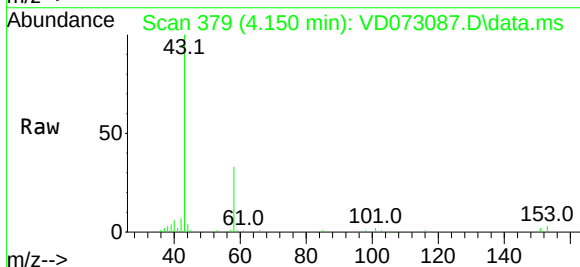


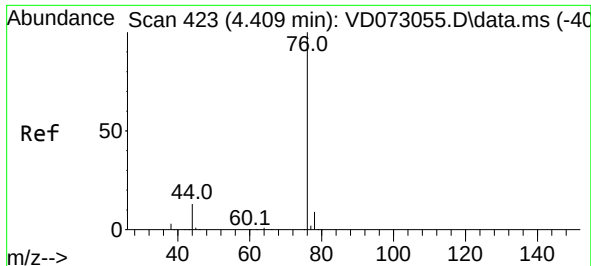
Tgt Ion: 53 Resp: 202975
Ion Ratio Lower Upper
53 100
52 81.7 67.2 100.8
51 37.4 30.3 45.5



#16
Acetone
Concen: 224.562 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 43 Resp: 153716
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1

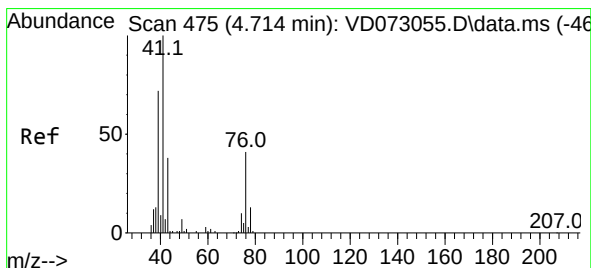
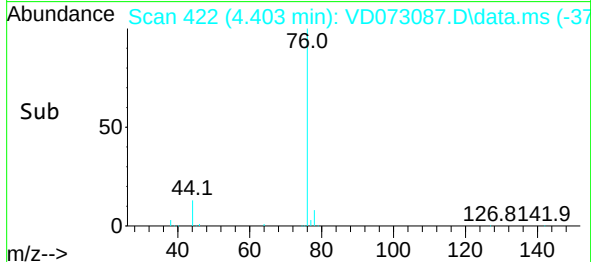
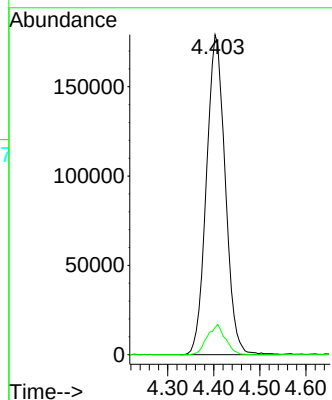
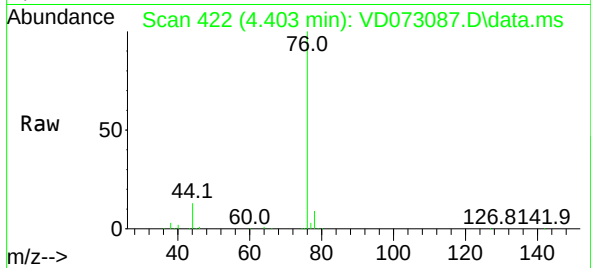




#17
Carbon Disulfide
Concen: 43.294 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

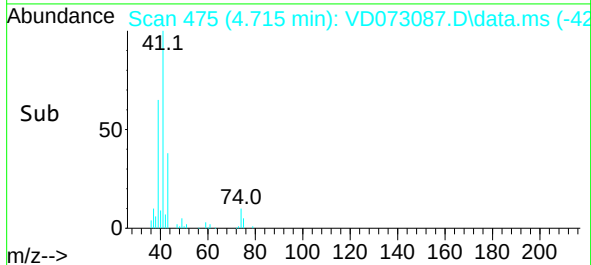
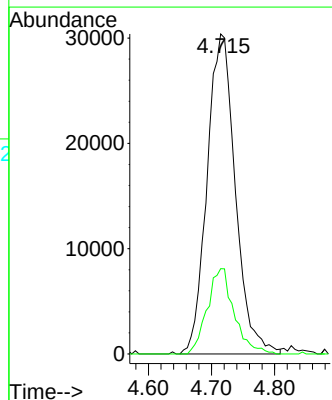
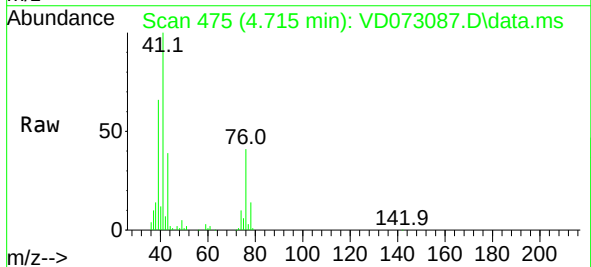
Instrument :
MSVOA_D
ClientSampleId :

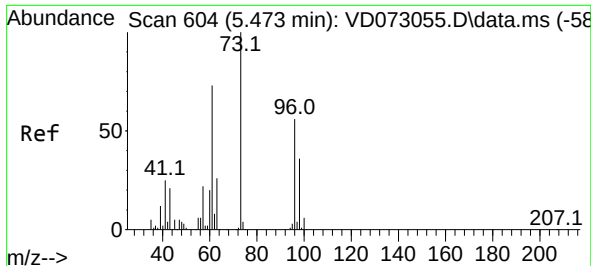
Tgt Ion: 76 Resp: 509552
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 45.941 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.001 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

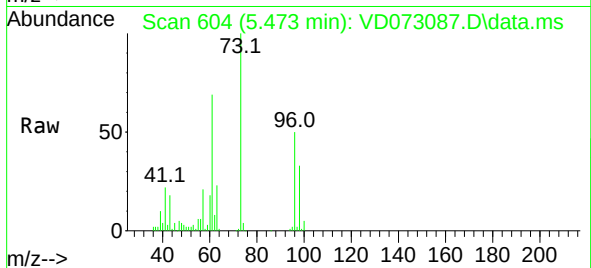
Tgt Ion: 43 Resp: 94709
Ion Ratio Lower Upper
43 100
74 25.2 16.7 25.1#



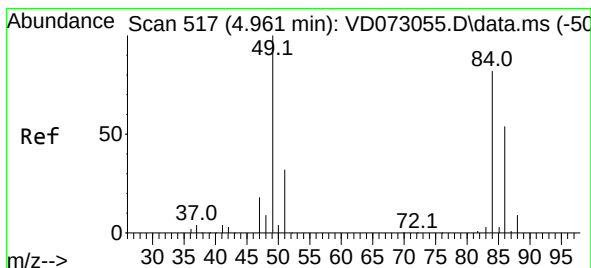
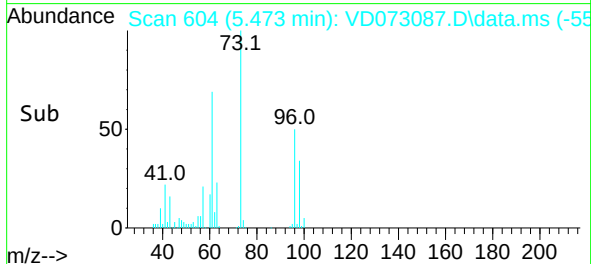
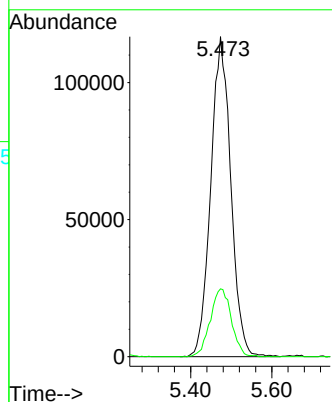


#19
Methyl tert-butyl Ether
Concen: 48.611 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Instrument :
MSVOA_D
ClientSampleId :

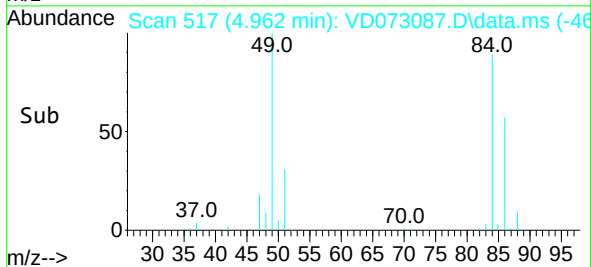
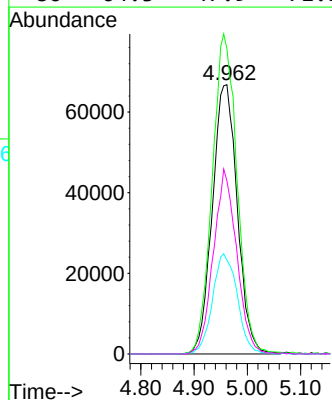
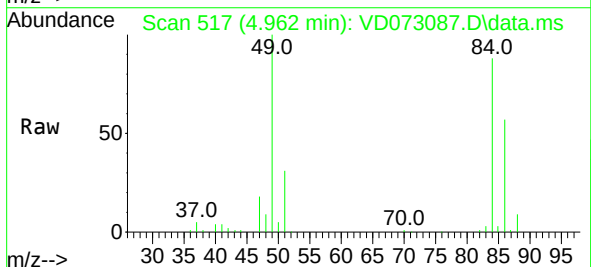


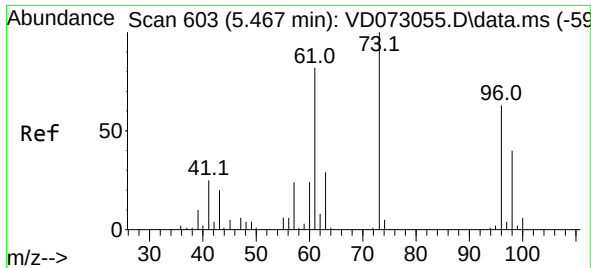
Tgt Ion: 73 Resp: 399493
Ion Ratio Lower Upper
73 100
57 21.2 18.0 27.0



#20
Methylene Chloride
Concen: 43.780 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

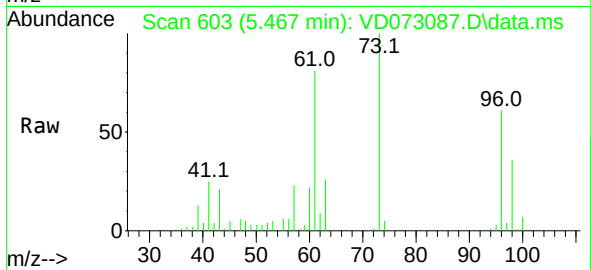
Tgt Ion: 84 Resp: 217507
Ion Ratio Lower Upper
84 100
49 113.3 112.8 169.2
51 34.8 32.6 48.8
86 64.3 47.9 71.9





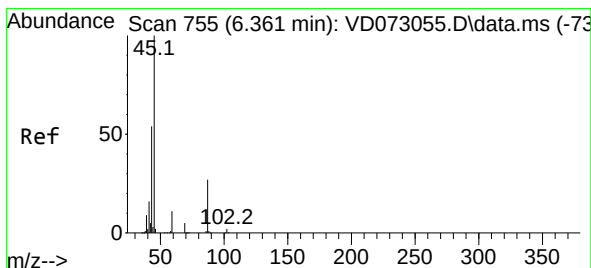
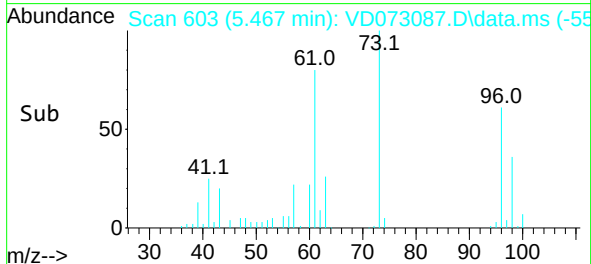
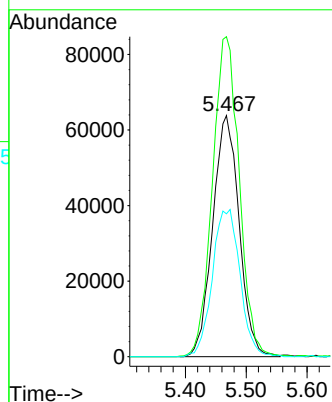
#21
trans-1,2-Dichloroethene
Concen: 46.051 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 192498

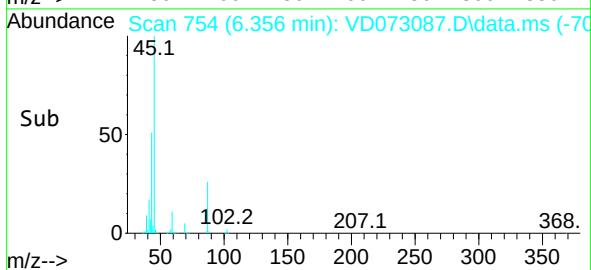
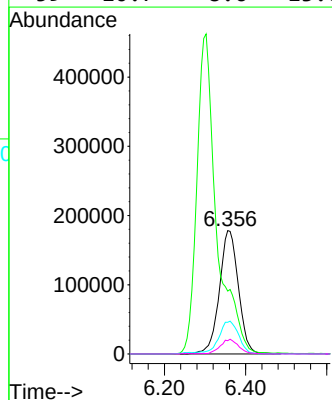
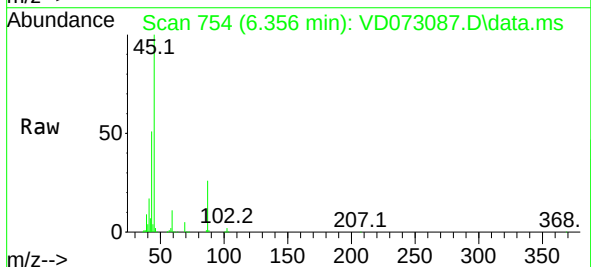
Ion	Ratio	Lower	Upper
96	100		
61	132.4	117.9	176.9
98	59.2	49.4	74.2

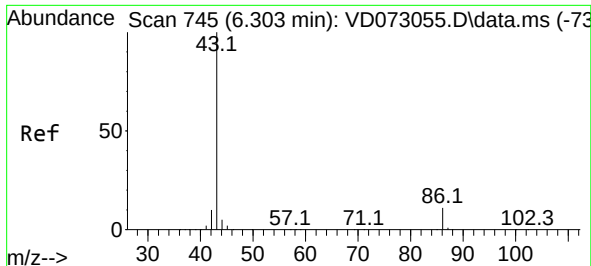


#22
Diisopropyl ether
Concen: 48.661 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 45 Resp: 581514

Ion	Ratio	Lower	Upper
45	100		
43	50.4	46.6	70.0
87	25.7	18.4	27.6
59	10.7	8.6	13.0

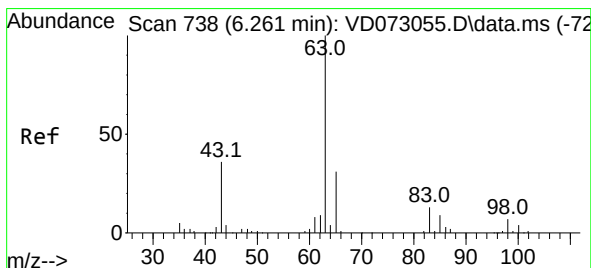
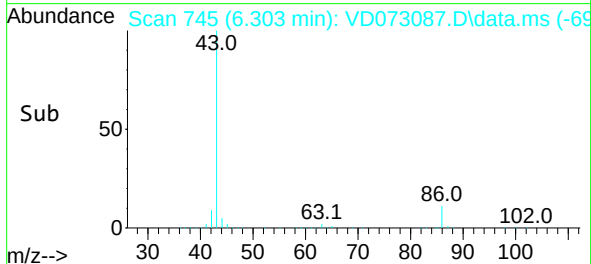
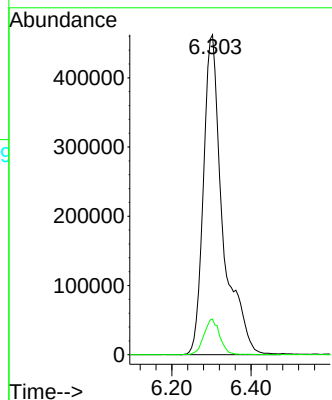
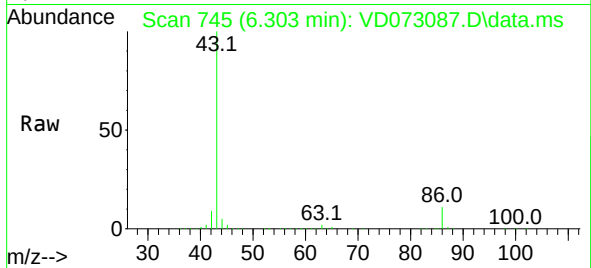




#23
 Vinyl Acetate
 Concen: 242.888 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

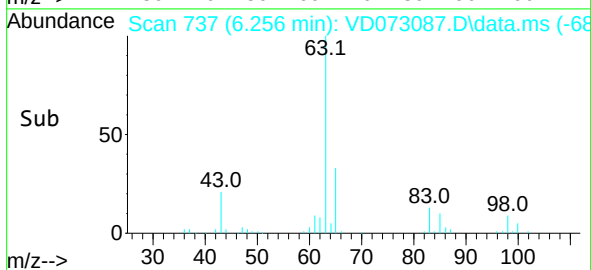
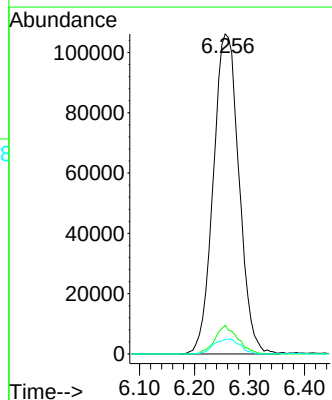
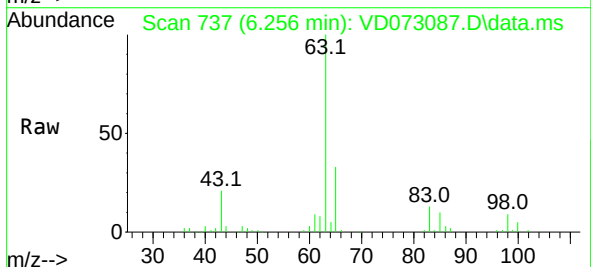
Instrument :
 MSVOA_D
 ClientSampleId :

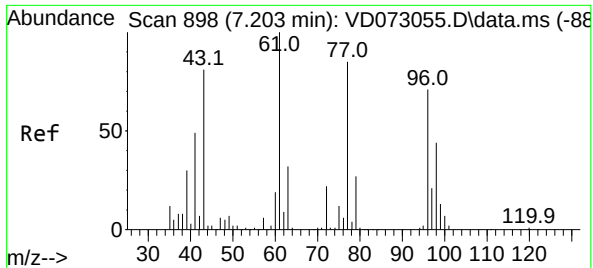
Tgt Ion: 43 Resp: 1568047
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 46.356 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

Tgt Ion: 63 Resp: 344642
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.6 10.9
 100 4.5 2.1 6.5

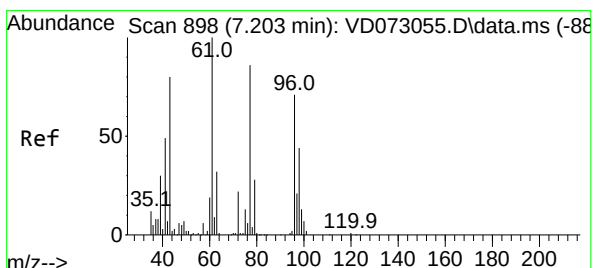
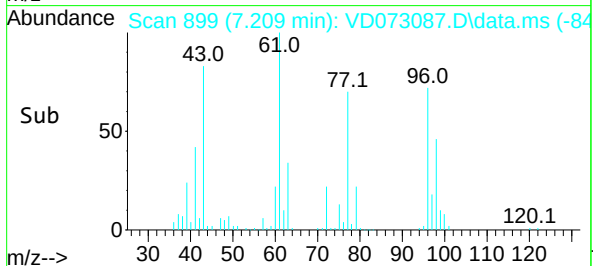
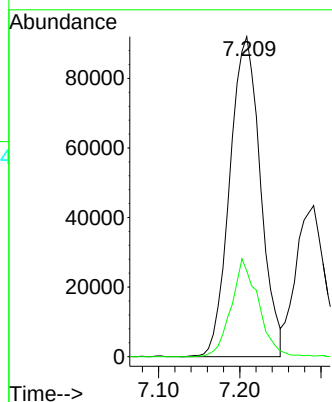
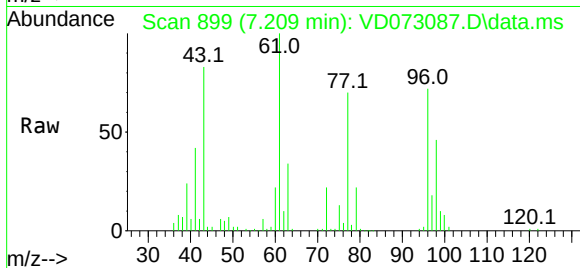




#25
2-Butanone
Concen: 232.816 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

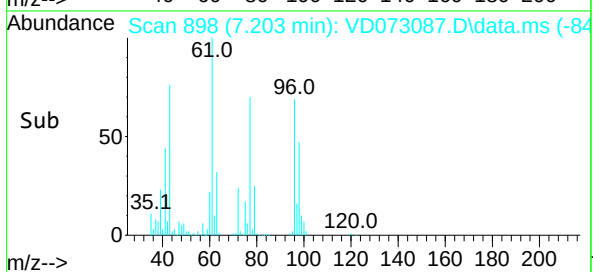
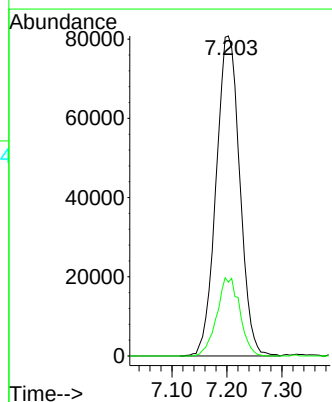
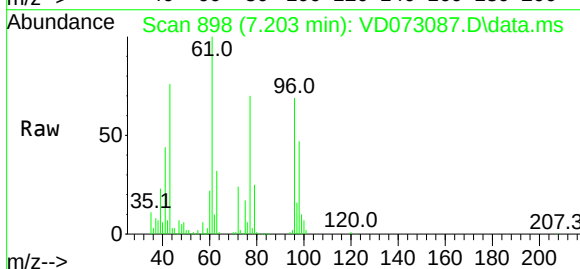
Instrument :
MSVOA_D
ClientSampleId :

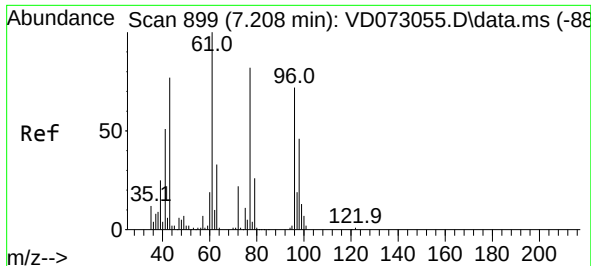
Tgt Ion: 43 Resp: 241321
Ion Ratio Lower Upper
43 100
72 26.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 38.388 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 77 Resp: 241626
Ion Ratio Lower Upper
77 100
97 23.7 10.8 32.4

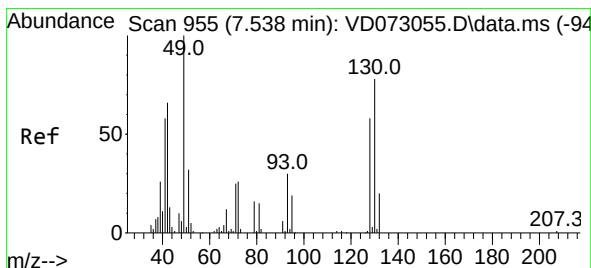
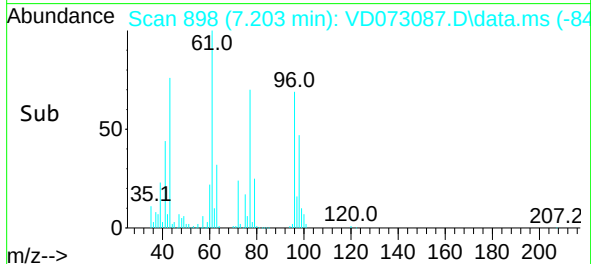
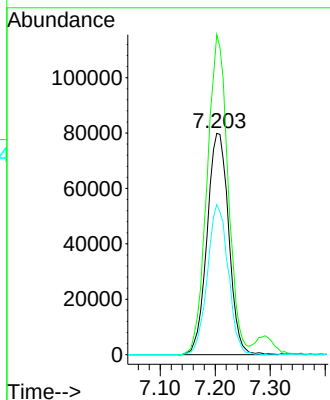
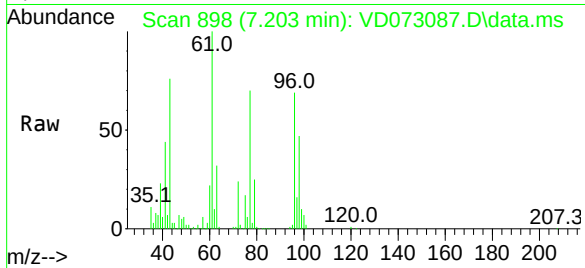




#27
 cis-1,2-Dichloroethene
 Concen: 47.343 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.006 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

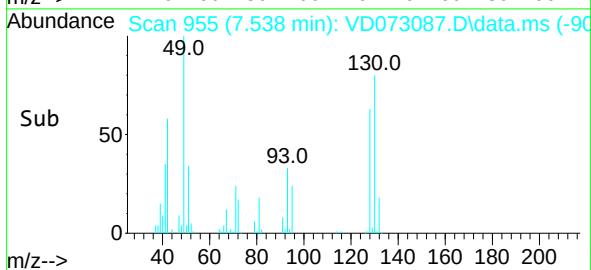
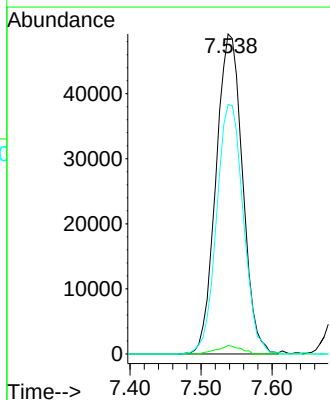
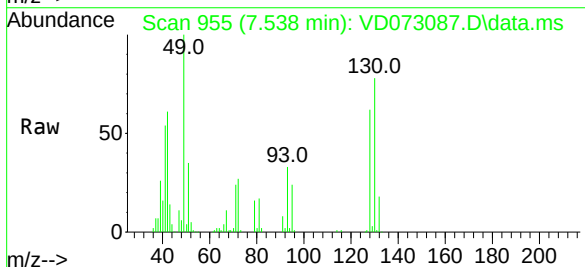
Instrument :
 MSVOA_D
 ClientSampleId :

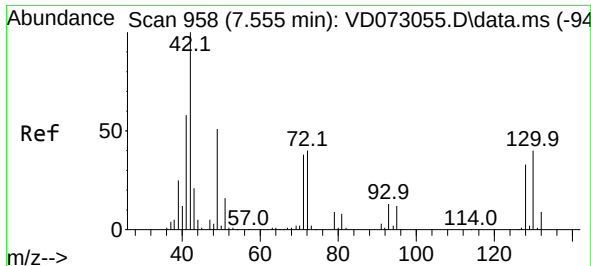
Tgt Ion: 96 Resp: 218234
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 313.8
 98 65.3 0.0 128.8



#28
 Bromochloromethane
 Concen: 50.111 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. 0.000 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

Tgt Ion: 49 Resp: 127619
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 78.6 52.6 79.0





#29

Tetrahydrofuran

Concen: 243.399 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

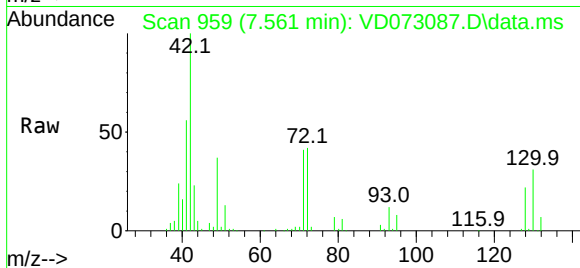
Lab File: VD073087.D

Acq: 18 May 2022 06:35

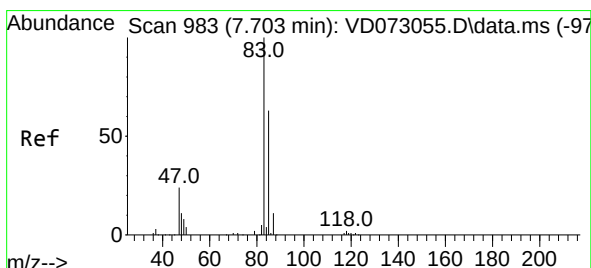
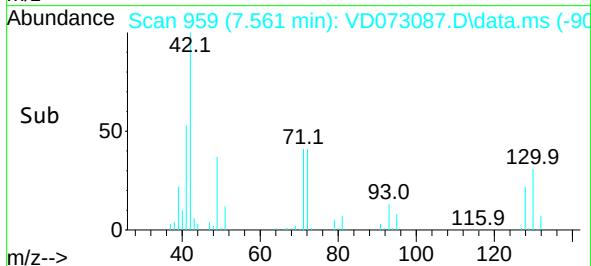
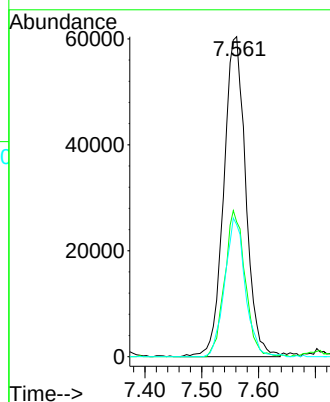
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	162342
Ion	Ratio	Lower	Upper
42	100		
72	42.4	30.7	46.1
71	40.5	28.6	43.0



#30

Chloroform

Concen: 46.367 ug/l

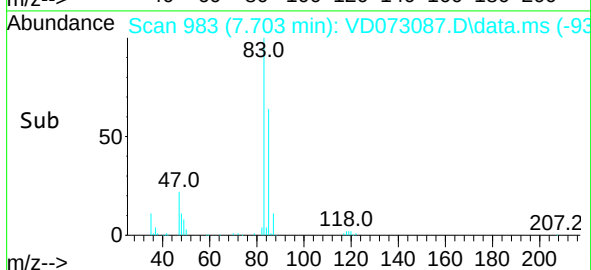
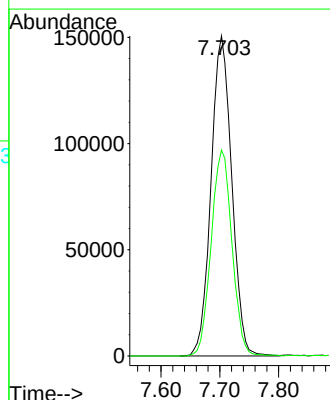
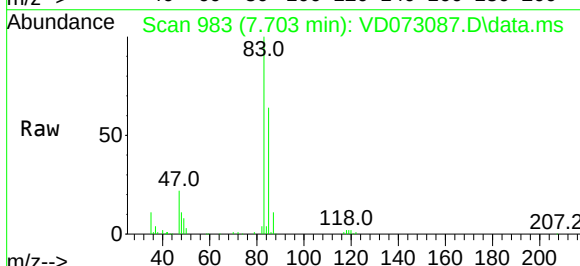
RT: 7.703 min Scan# 983

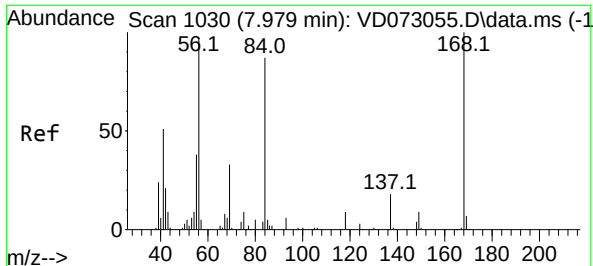
Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Tgt Ion:	83	Resp:	368844
Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.7	79.1





#31

Cyclohexane

Concen: 38.512 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :

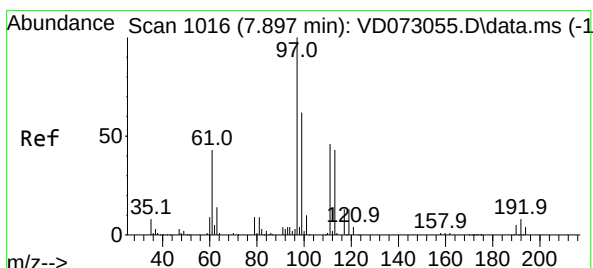
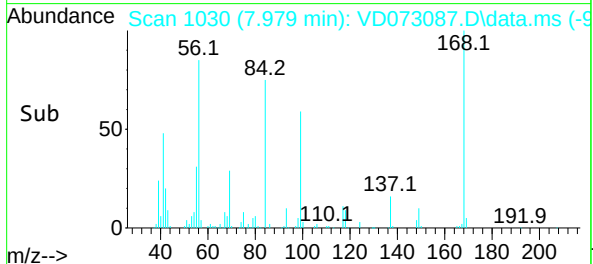
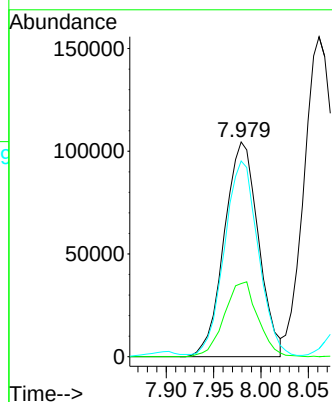
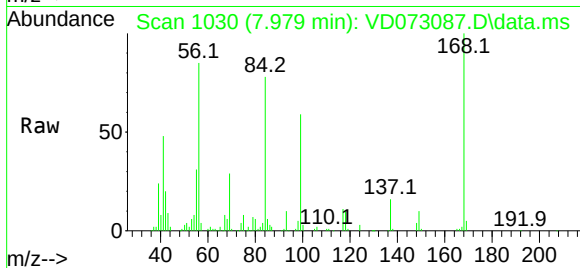
Tgt Ion: 56 Resp: 262400

Ion Ratio Lower Upper

56 100

69 34.0 25.4 38.2

84 90.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 44.315 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

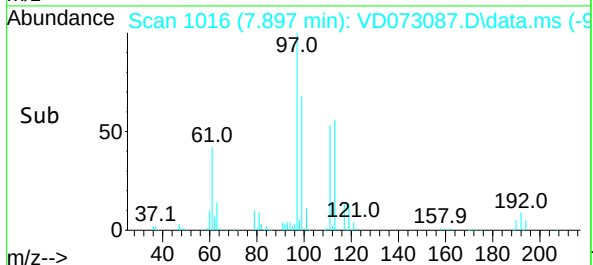
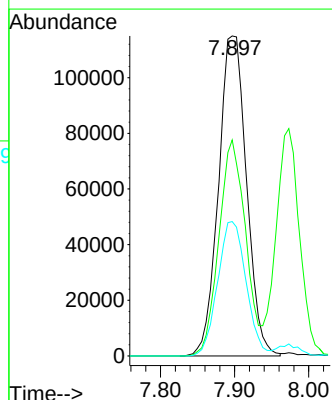
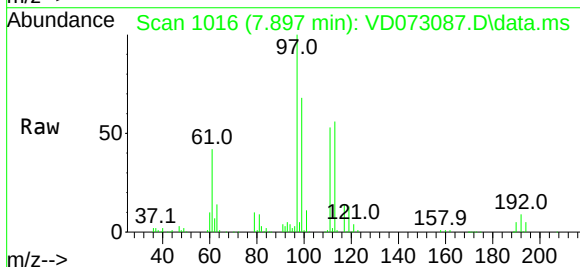
Tgt Ion: 97 Resp: 302015

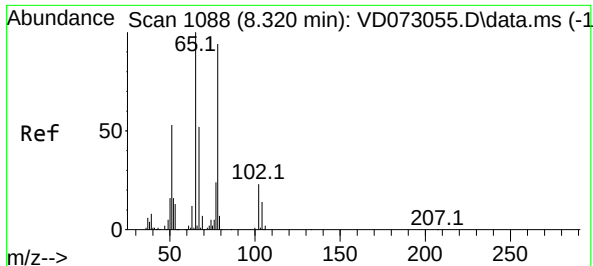
Ion Ratio Lower Upper

97 100

99 64.9 52.4 78.6

61 42.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.864 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

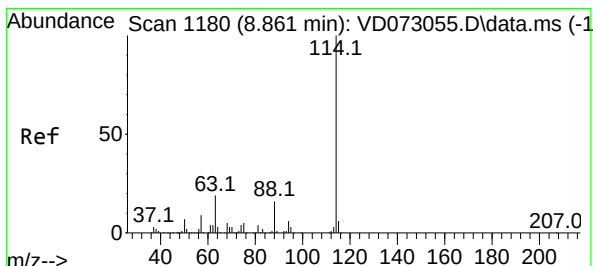
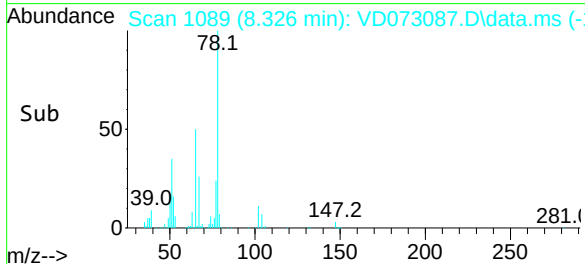
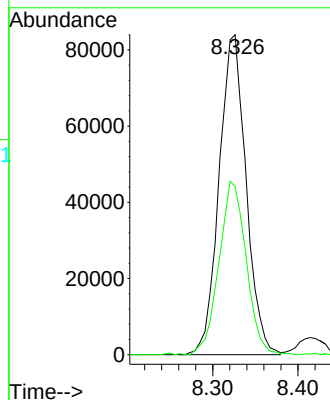
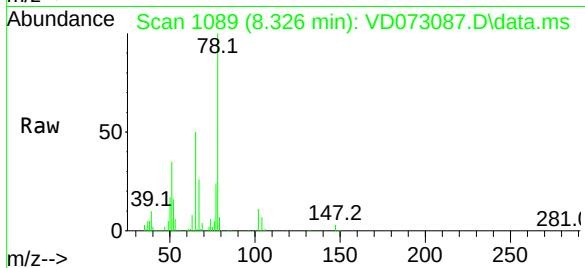
ClientSampleId :

Tgt Ion: 65 Resp: 184833

Ion Ratio Lower Upper

65 100

67 54.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

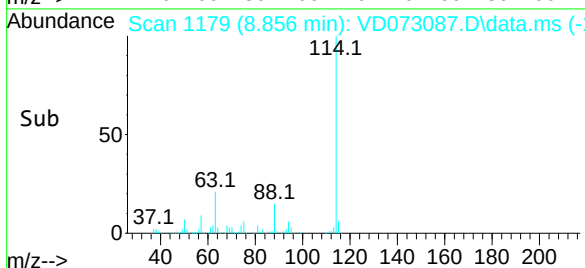
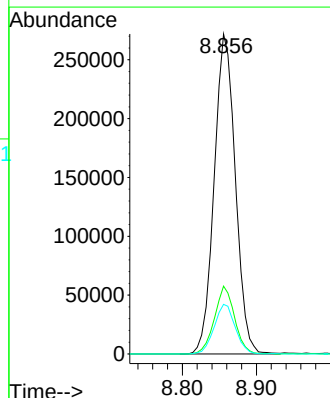
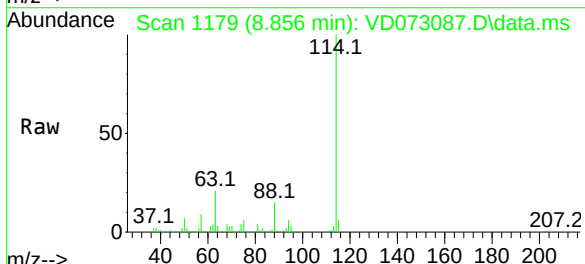
Tgt Ion: 114 Resp: 539581

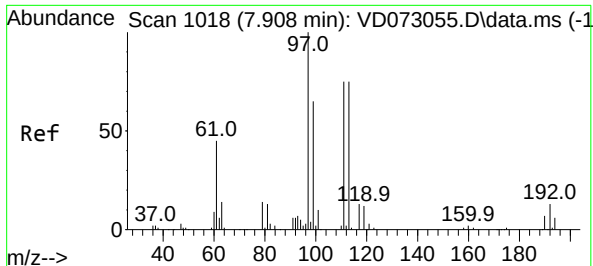
Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.092 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

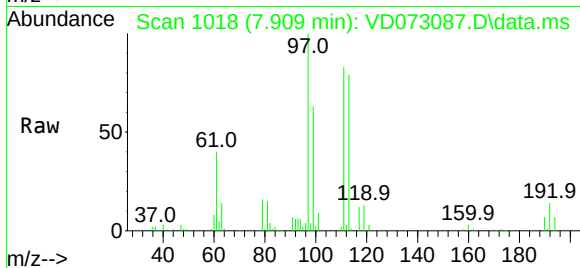
Lab File: VD073087.D

Acq: 18 May 2022 06:35

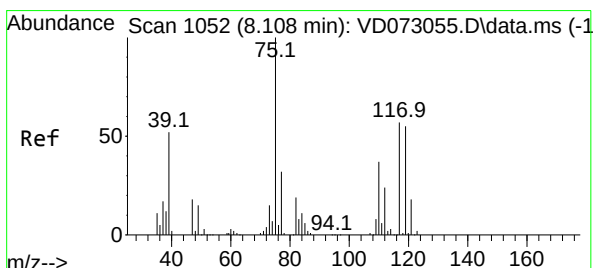
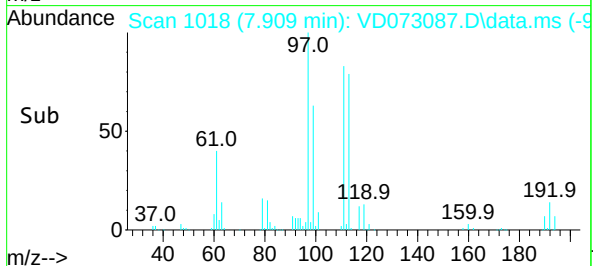
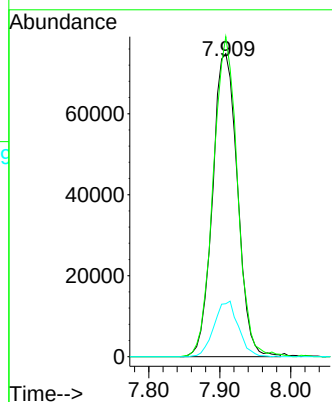
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	182195
Ion Ratio	Lower	Upper	
113	100		
111	102.6	83.8	125.6
192	17.9	14.6	21.8



#36

1,1-Dichloropropene

Concen: 41.605 ug/l

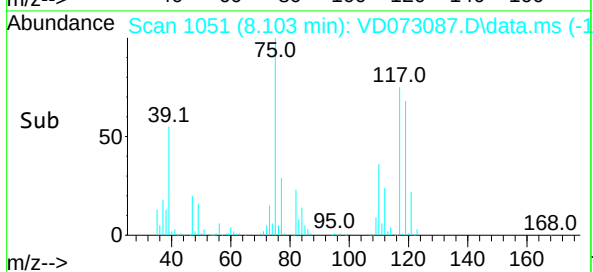
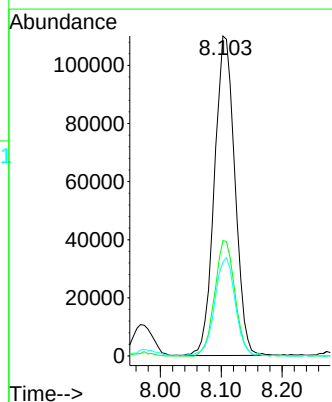
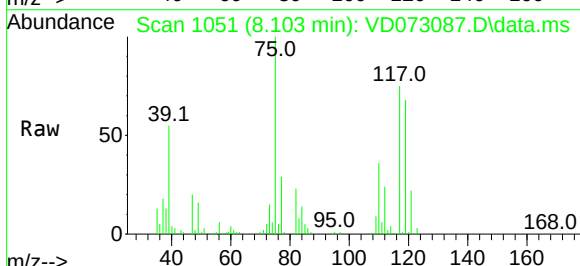
RT: 8.103 min Scan# 1051

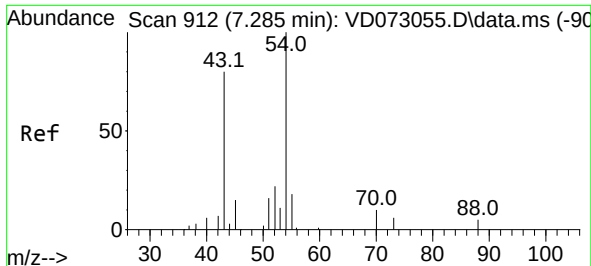
Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Tgt Ion:	75	Resp:	256825
Ion Ratio	Lower	Upper	
75	100		
110	35.5	16.4	49.1
77	31.0	24.2	36.2





#37

Ethyl Acetate

Concen: 42.812 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :

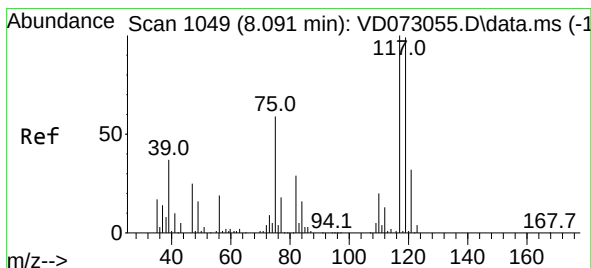
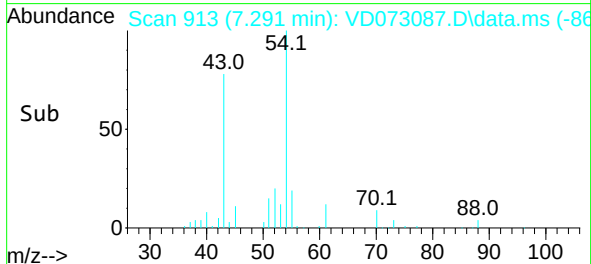
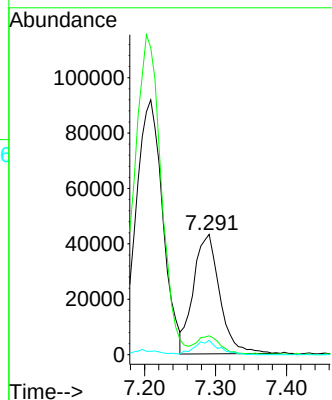
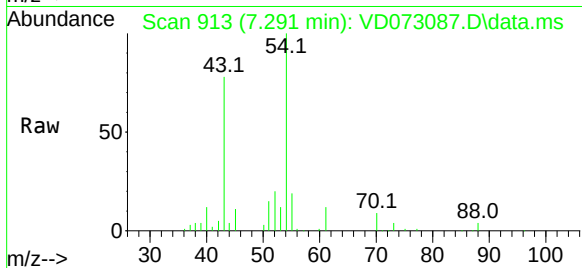
Tgt Ion: 43 Resp: 110988

Ion Ratio Lower Upper

43 100

61 14.1 9.8 14.8

70 10.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 40.333 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

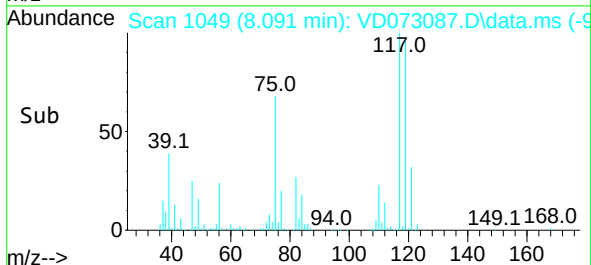
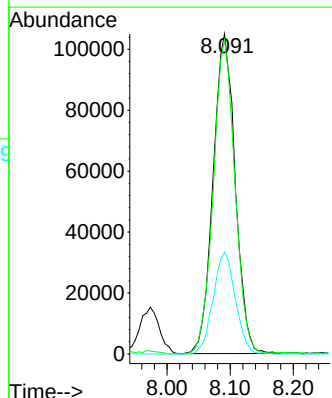
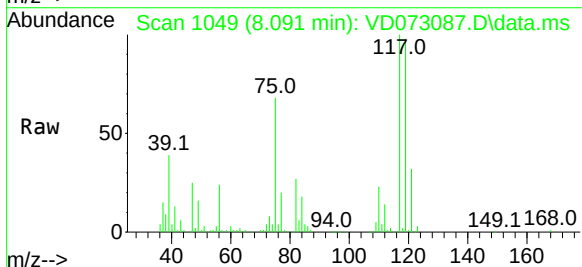
Tgt Ion: 117 Resp: 254725

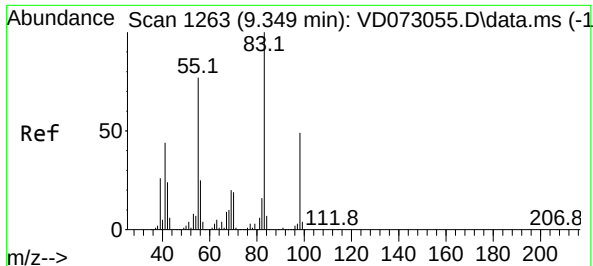
Ion Ratio Lower Upper

117 100

119 98.4 75.8 113.6

121 31.9 24.5 36.7





#39

Methylcyclohexane

Concen: 38.511 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.000 min

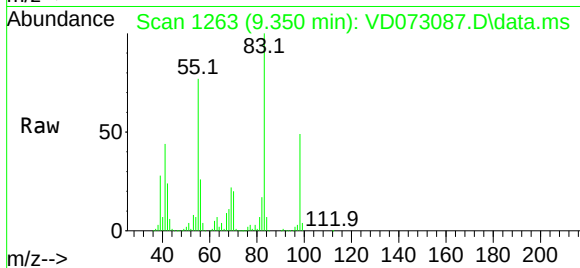
Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :



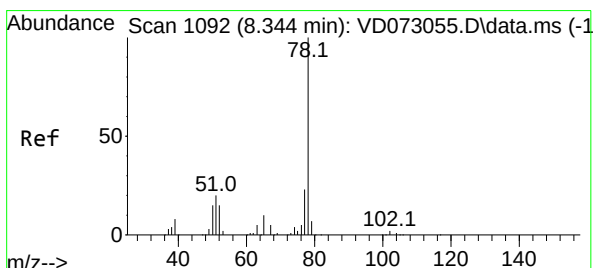
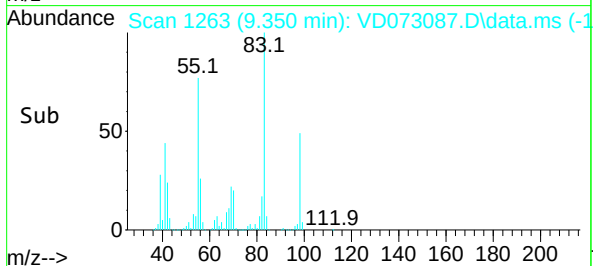
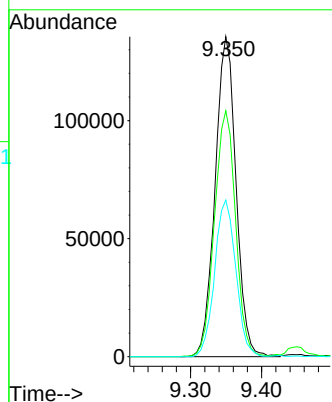
Tgt Ion: 83 Resp: 277204

Ion Ratio Lower Upper

83 100

55 76.8 63.2 94.8

98 49.0 38.2 57.4



#40

Benzene

Concen: 44.785 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD073087.D

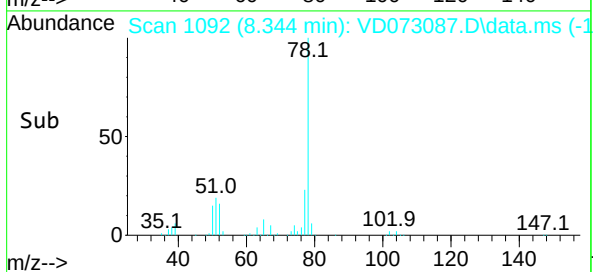
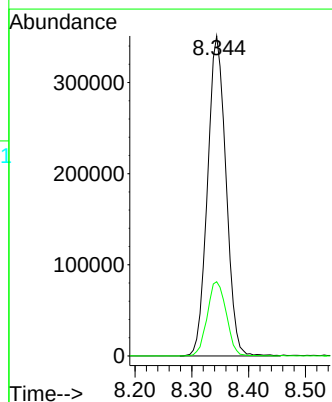
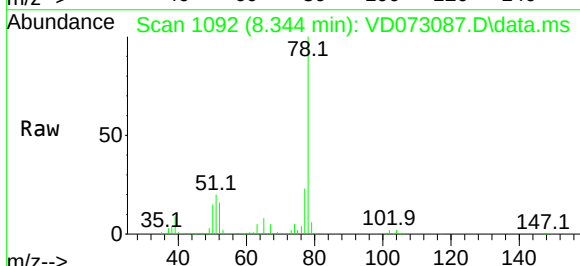
Acq: 18 May 2022 06:35

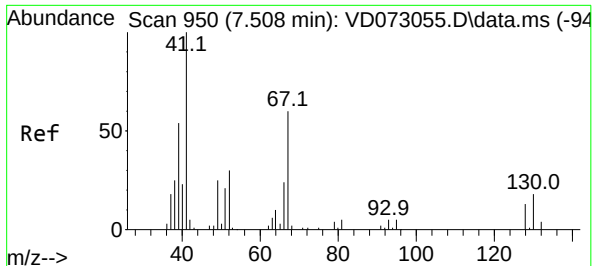
Tgt Ion: 78 Resp: 790481

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7



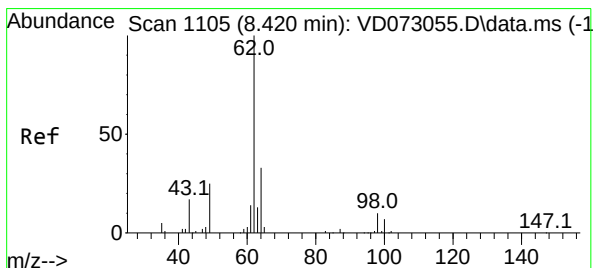
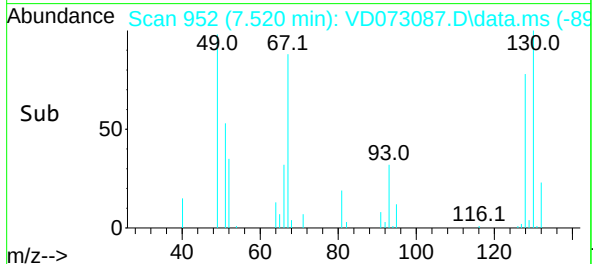
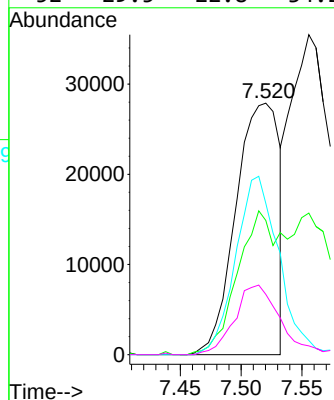
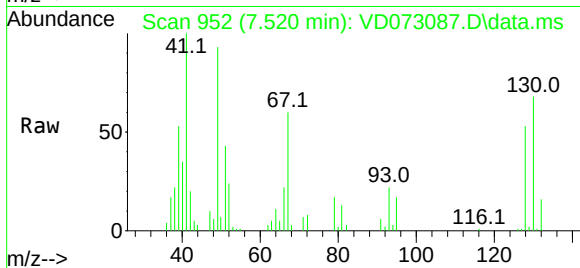


#41
Methacrylonitrile
Concen: 47.379 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 41 Resp: 69261

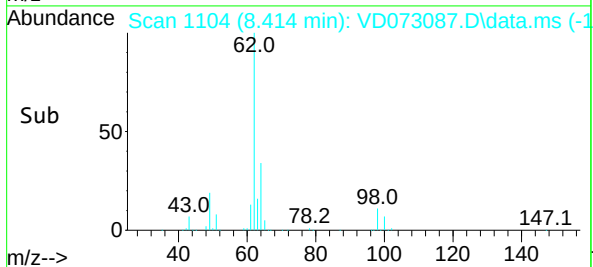
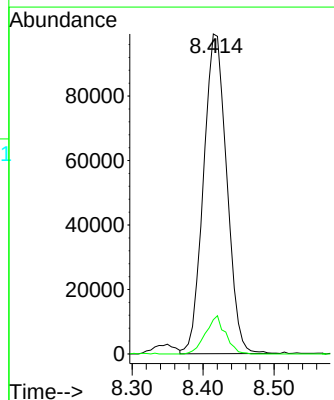
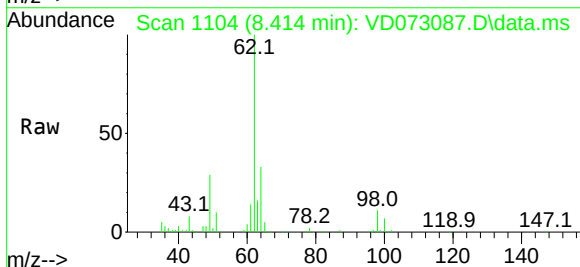
Ion	Ratio	Lower	Upper
41	100		
39	59.4	44.6	67.0
67	70.7	48.2	72.4
52	29.5	22.8	34.2

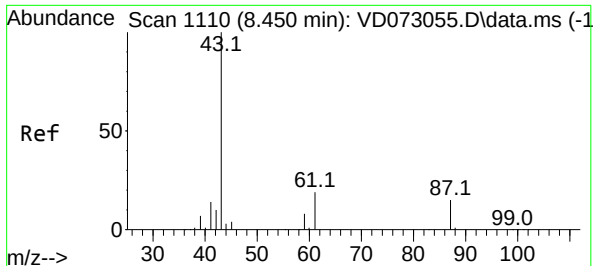


#42
1,2-Dichloroethane
Concen: 43.967 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 62 Resp: 225885

Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	17.6

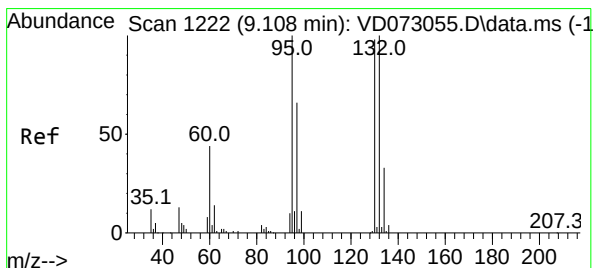
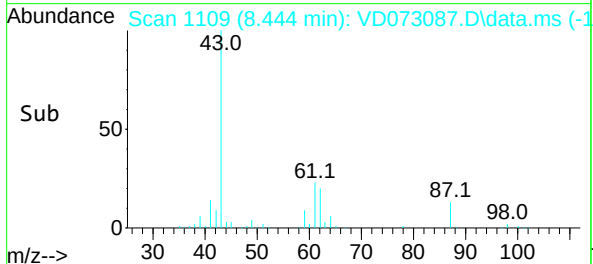
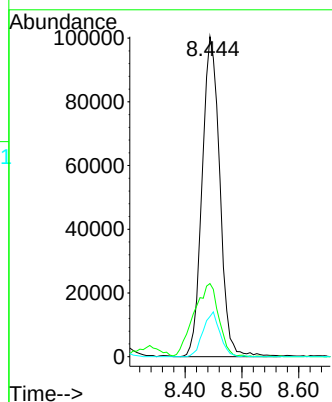
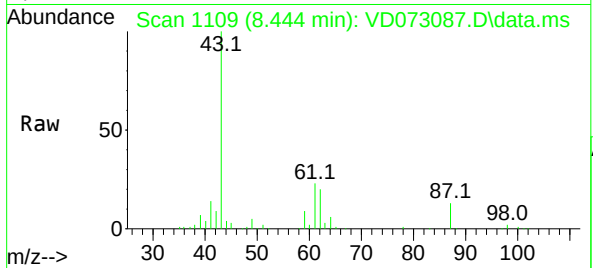




#43
Isopropyl Acetate
Concen: 44.995 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

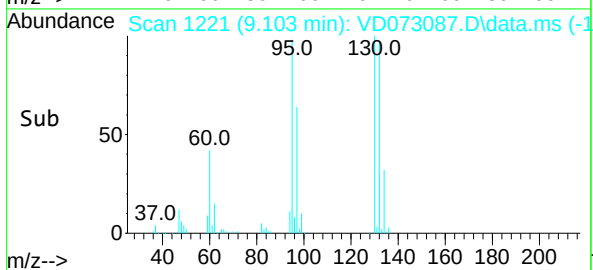
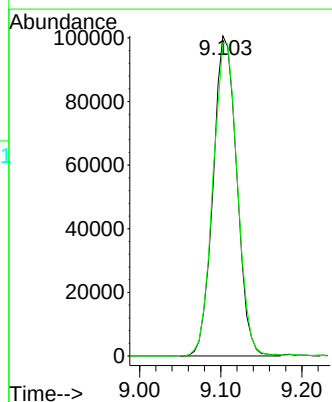
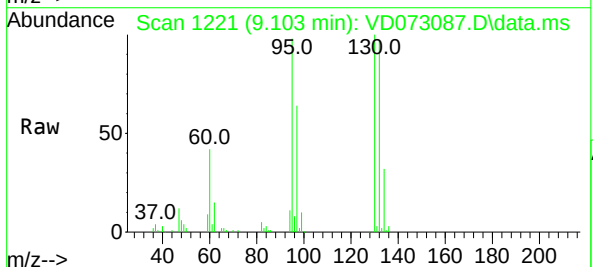
Instrument :
MSVOA_D
ClientSampleId :

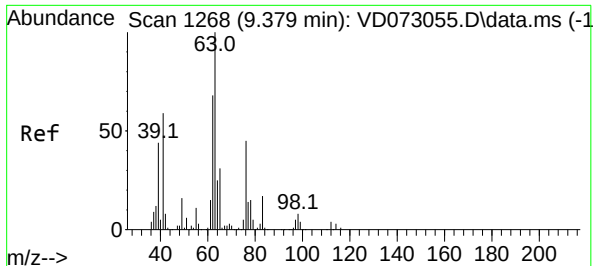
Tgt Ion: 43 Resp: 216872
Ion Ratio Lower Upper
43 100
61 32.2 22.4 33.6
87 13.3 8.7 13.1#



#44
Trichloroethene
Concen: 42.716 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion:130 Resp: 203934
Ion Ratio Lower Upper
130 100
95 97.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 44.616 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

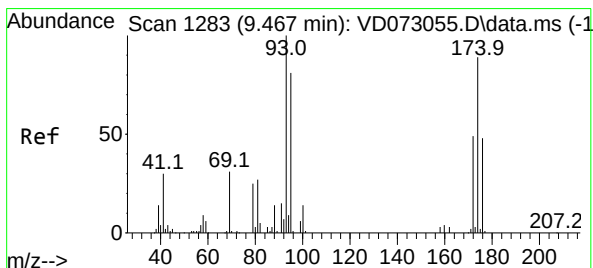
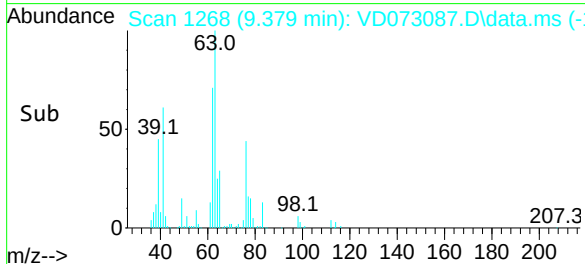
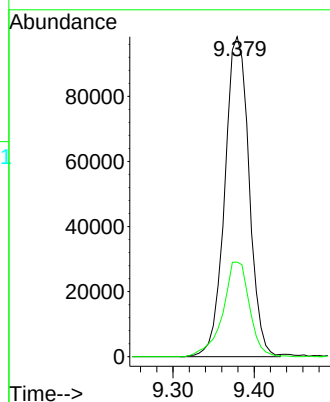
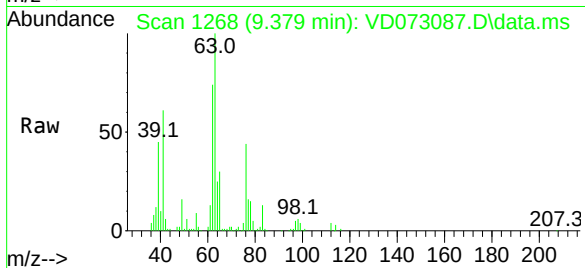
ClientSampleId :

Tgt Ion: 63 Resp: 204505

Ion Ratio Lower Upper

63 100

65 29.5 26.2 39.4



#46

Dibromomethane

Concen: 44.589 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

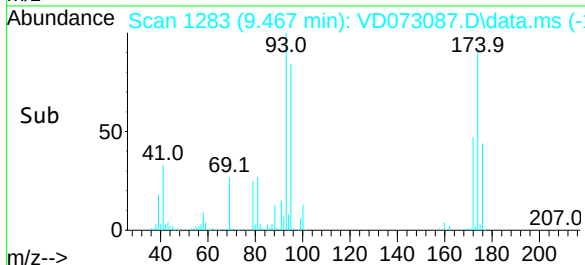
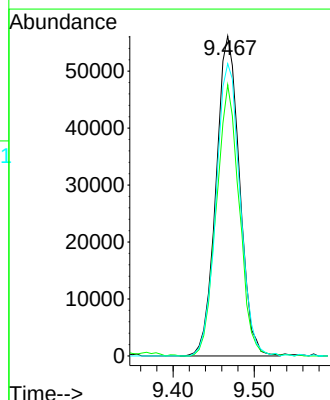
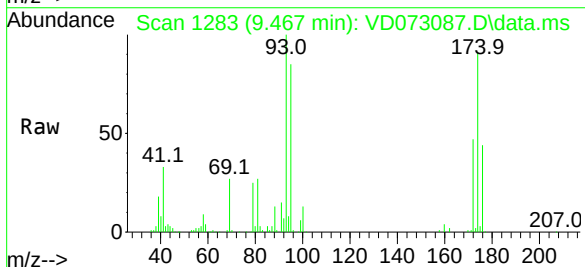
Tgt Ion: 93 Resp: 113013

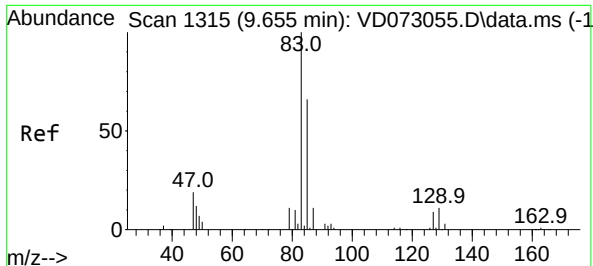
Ion Ratio Lower Upper

93 100

95 82.8 66.7 100.1

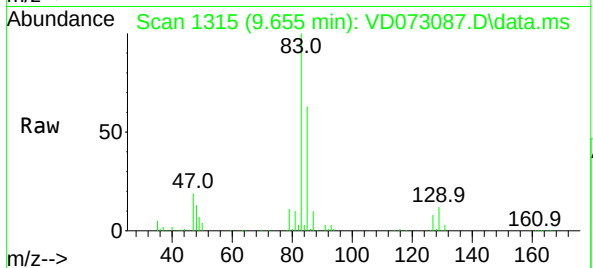
174 93.1 71.6 107.4



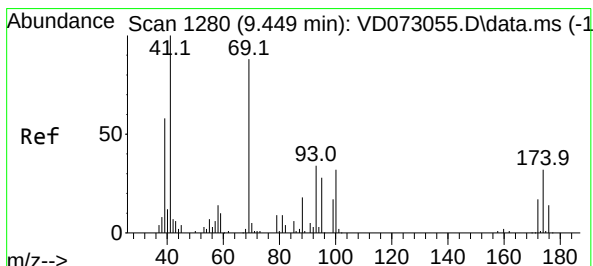
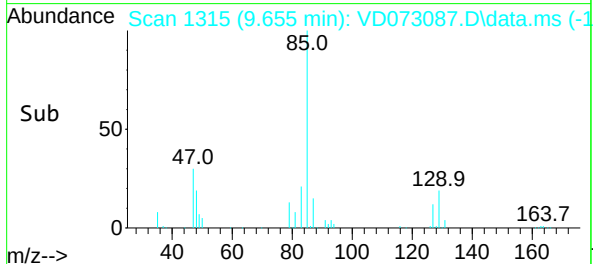
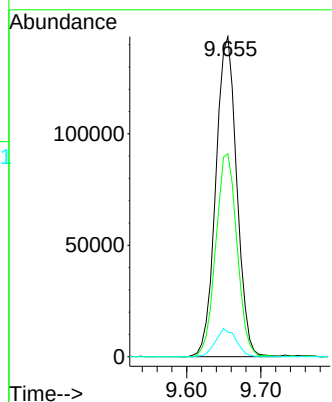


#47
Bromodichloromethane
Concen: 43.882 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Instrument :
MSVOA_D
ClientSampleId :

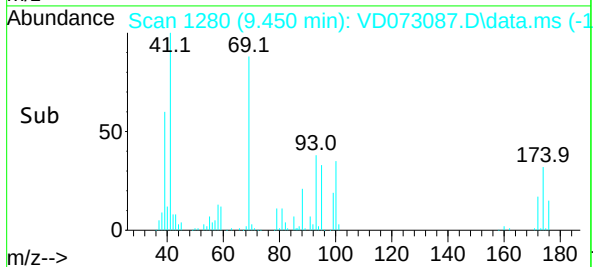
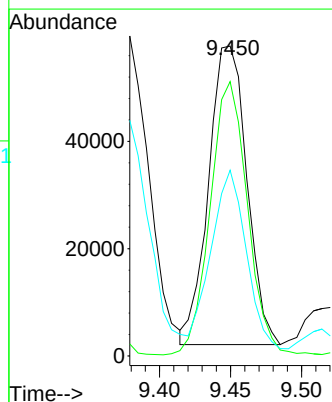
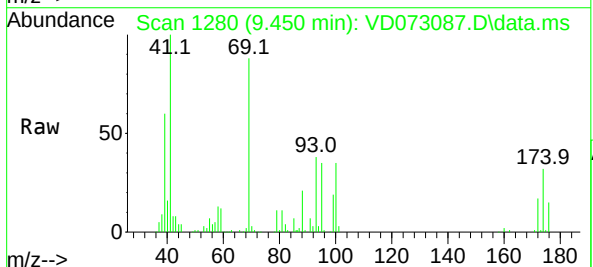


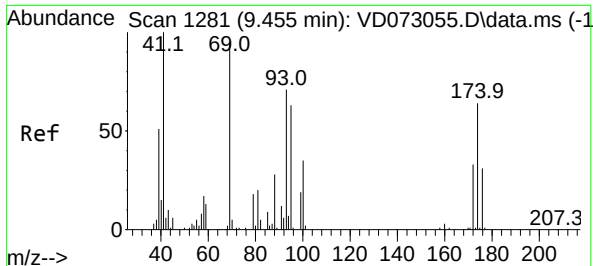
Tgt Ion: 83 Resp: 282487
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 7.7 6.1 9.1



#48
Methyl methacrylate
Concen: 43.611 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 41 Resp: 104264
Ion Ratio Lower Upper
41 100
69 89.4 56.7 85.1#
39 59.5 42.7 64.1





#49

1,4-Dioxane

Concen: 937.177 ug/l

RT: 9.450 min Scan# 1281

Delta R.T. -0.006 min

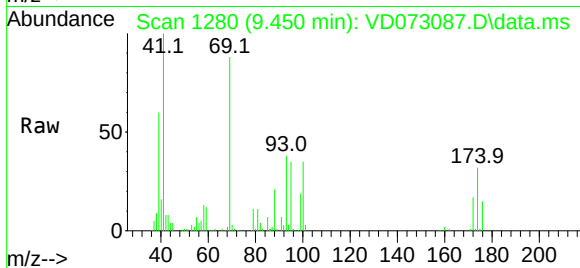
Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :



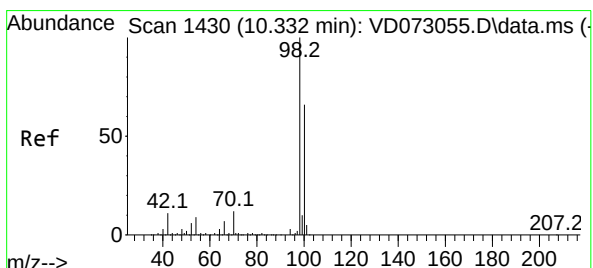
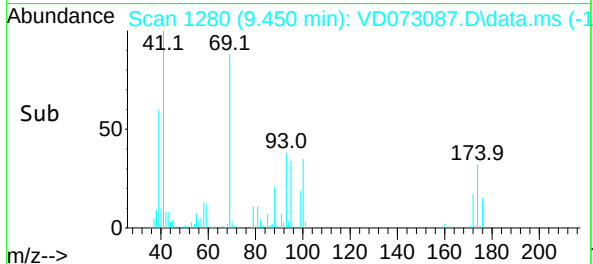
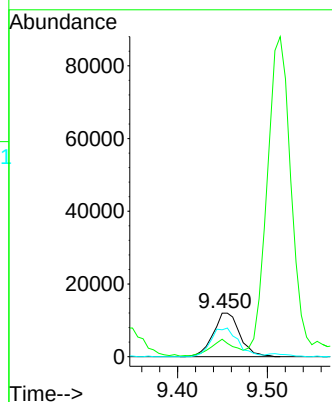
Tgt Ion: 88 Resp: 24730

Ion Ratio Lower Upper

88 100

43 34.7 31.0 46.4

58 67.2 58.1 87.1



#50

Toluene-d8

Concen: 50.618 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073087.D

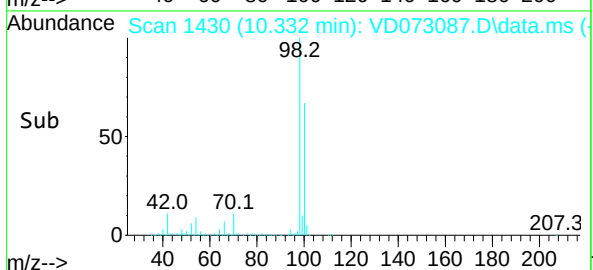
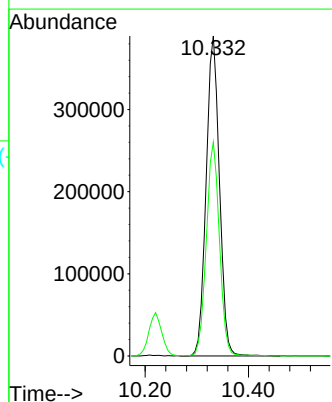
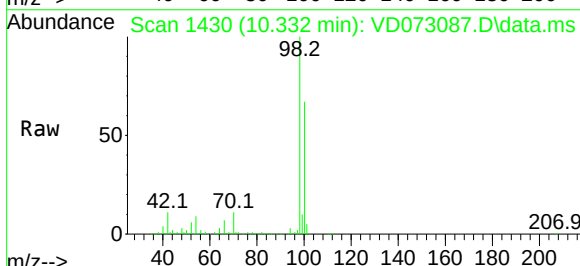
Acq: 18 May 2022 06:35

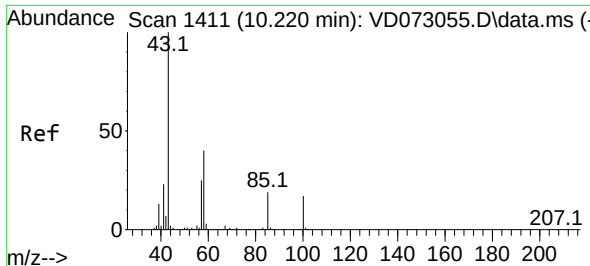
Tgt Ion: 98 Resp: 695679

Ion Ratio Lower Upper

98 100

100 65.8 52.4 78.6

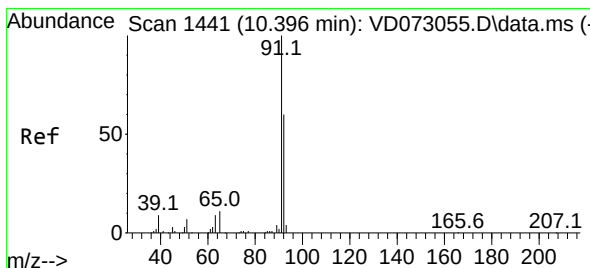
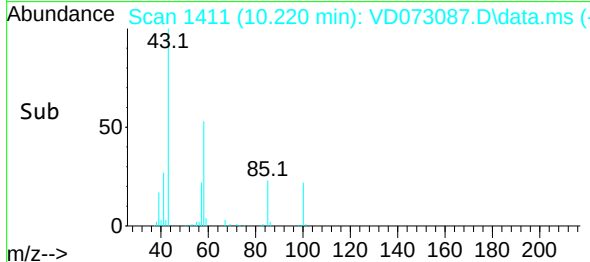
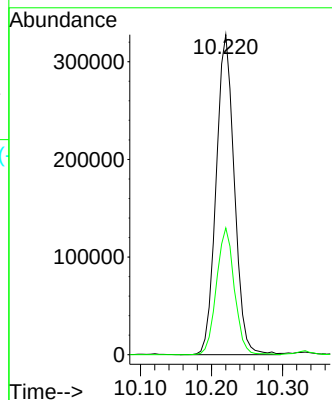
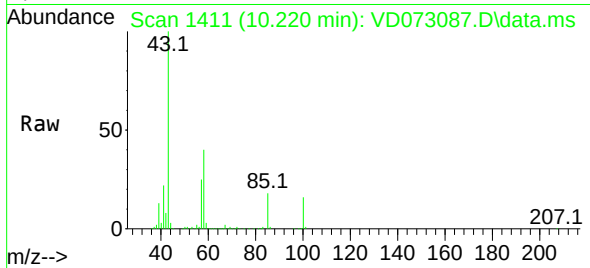




#51
4-Methyl-2-Pentanone
Concen: 231.408 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

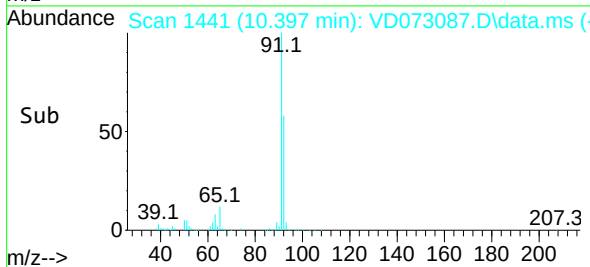
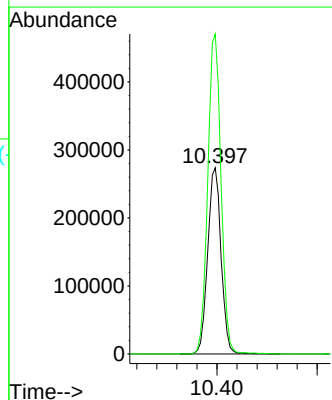
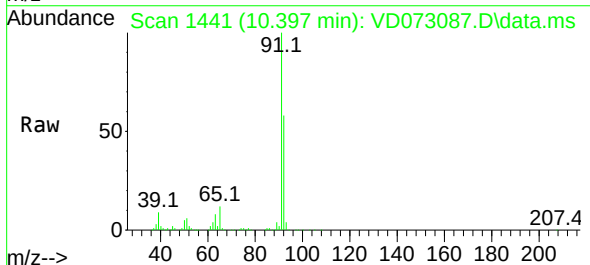
Instrument :
MSVOA_D
ClientSampleId :

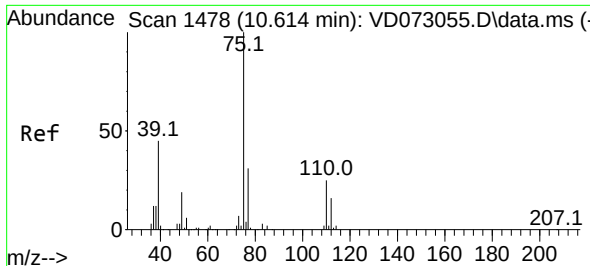
Tgt Ion: 43 Resp: 582063
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 45.225 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

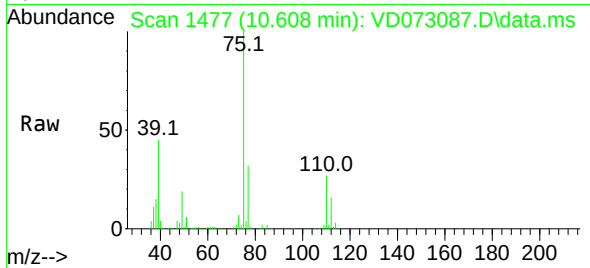
Tgt Ion: 92 Resp: 506794
Ion Ratio Lower Upper
92 100
91 170.8 139.6 209.4



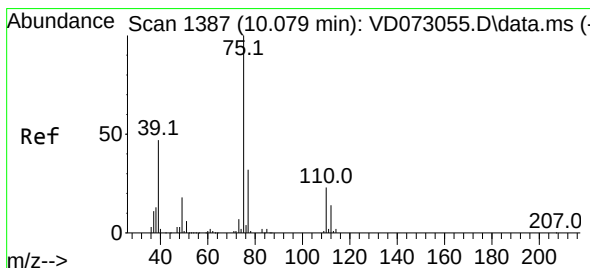
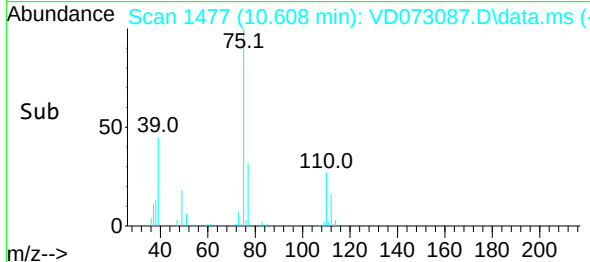
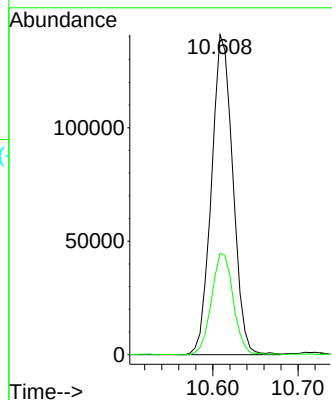


#53
 t-1,3-Dichloropropene
 Concen: 41.926 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

Instrument :
 MSVOA_D
 ClientSampleId :

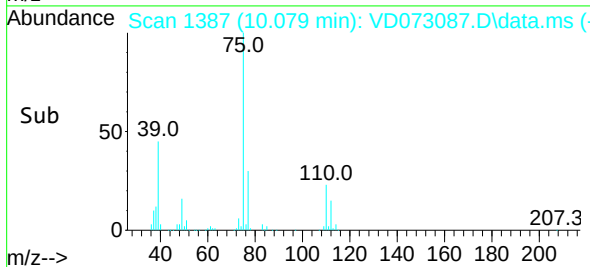
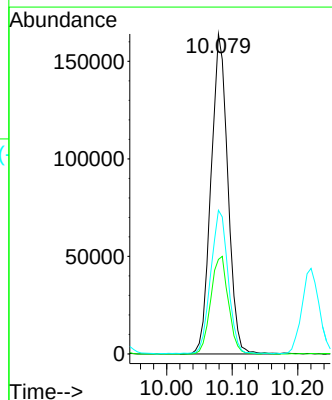
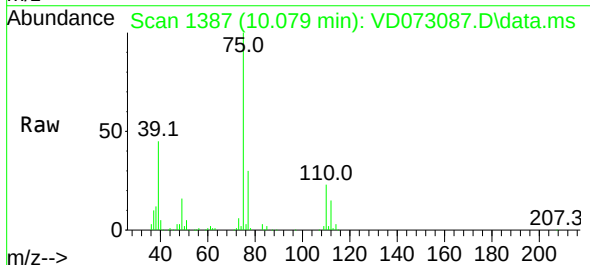


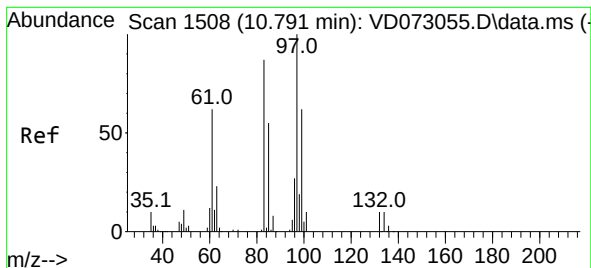
Tgt Ion: 75 Resp: 246150
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 42.196 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

Tgt Ion: 75 Resp: 292088
 Ion Ratio Lower Upper
 75 100
 77 29.6 24.8 37.2
 39 44.8 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 44.161 ug/l

RT: 10.785 min Scan# 1508

Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 152775

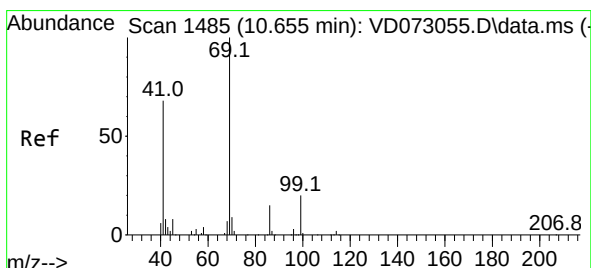
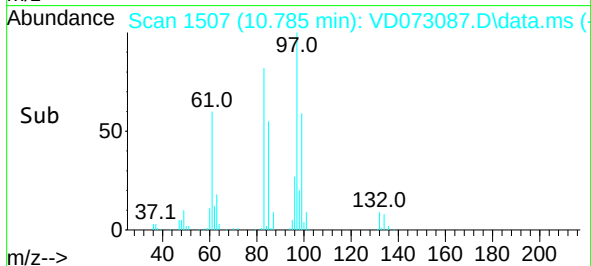
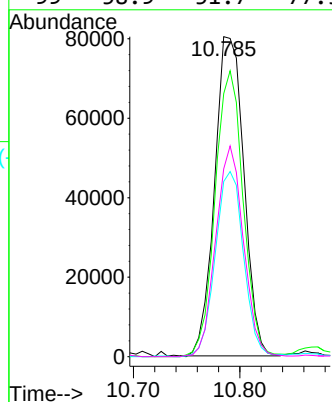
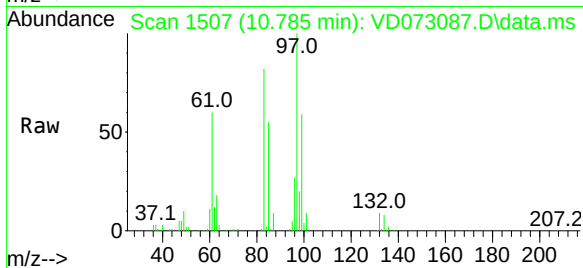
Ion Ratio Lower Upper

97 100

83 82.4 69.0 103.4

85 54.9 42.6 63.8

99 58.9 51.7 77.5



#56

Ethyl methacrylate

Concen: 47.290 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

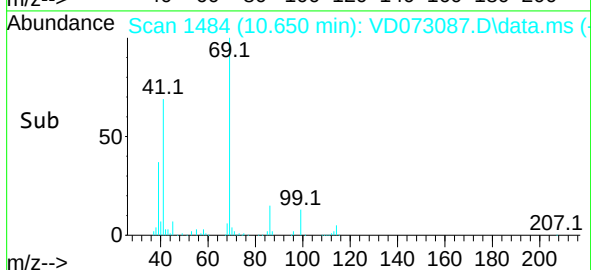
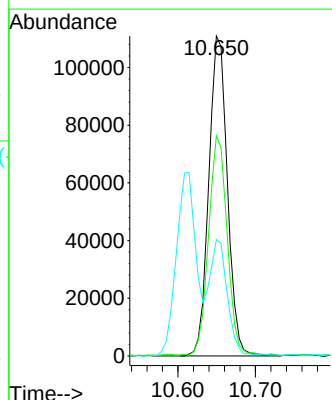
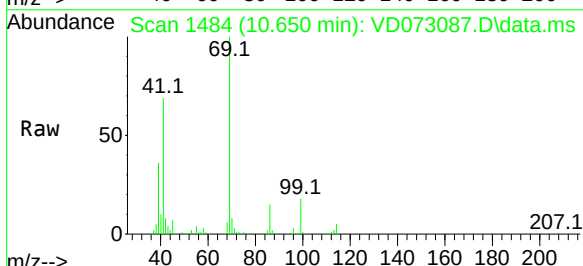
Tgt Ion: 69 Resp: 185021

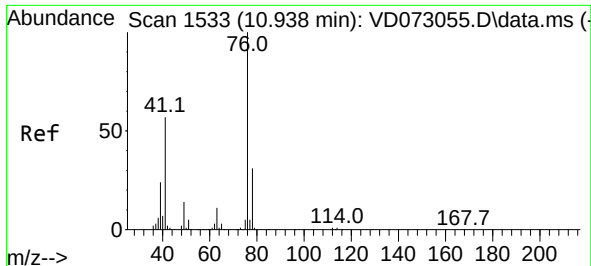
Ion Ratio Lower Upper

69 100

41 68.2 63.0 94.6

39 34.7 33.8 50.8





#57

1,3-Dichloropropane

Concen: 44.316 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

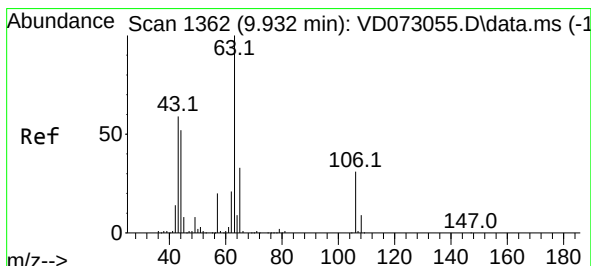
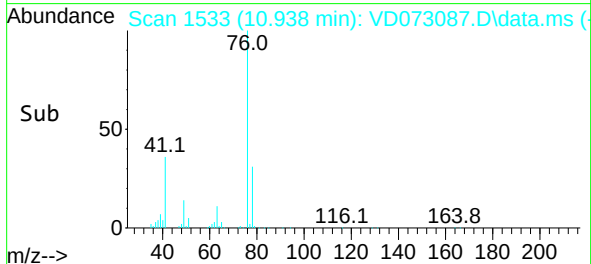
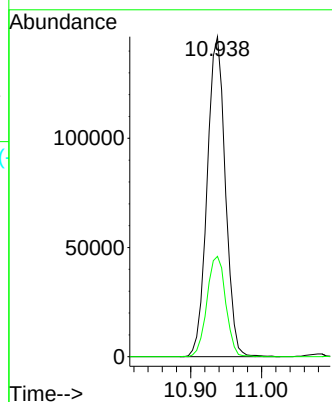
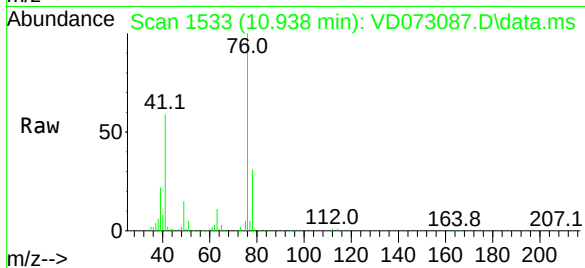
ClientSampleId :

Tgt Ion: 76 Resp: 260862

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 211.562 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073087.D

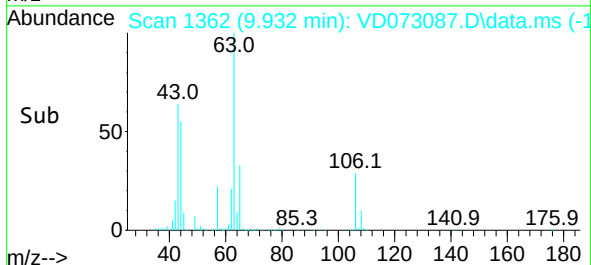
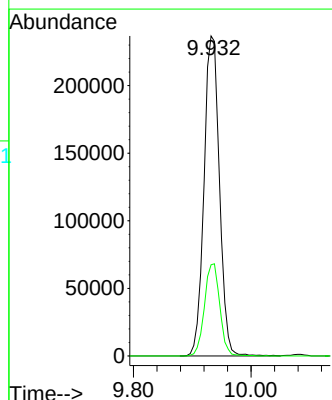
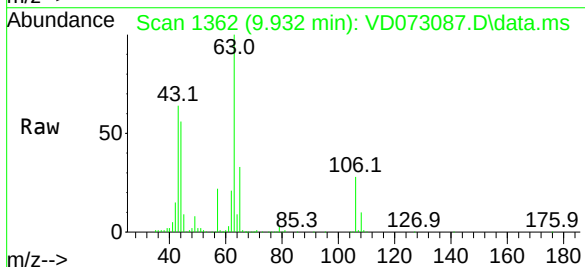
Acq: 18 May 2022 06:35

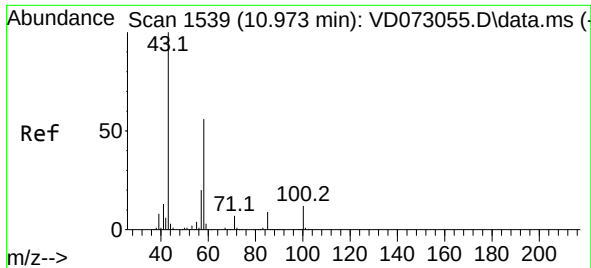
Tgt Ion: 63 Resp: 432749

Ion Ratio Lower Upper

63 100

106 28.6 21.4 32.0

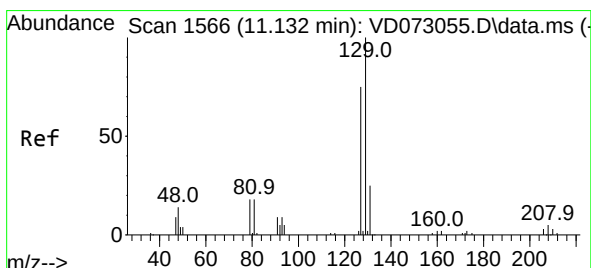
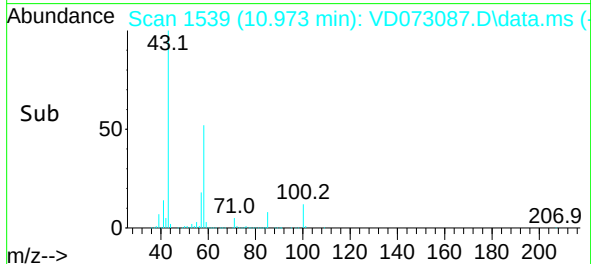
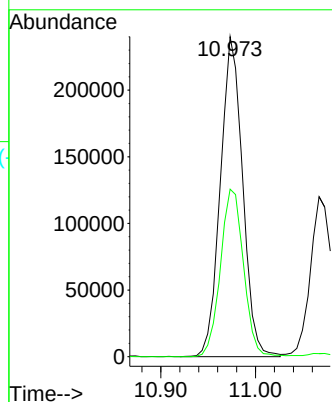
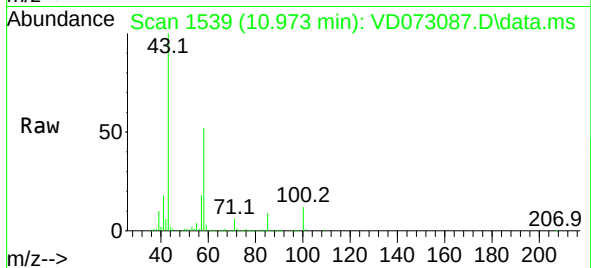




#59
2-Hexanone
Concen: 236.390 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

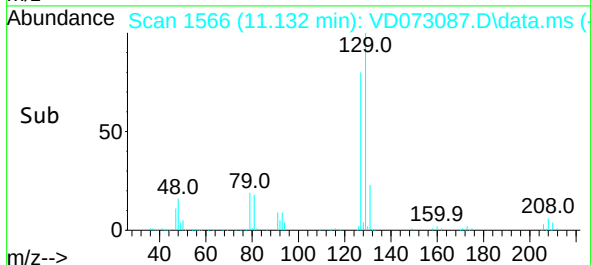
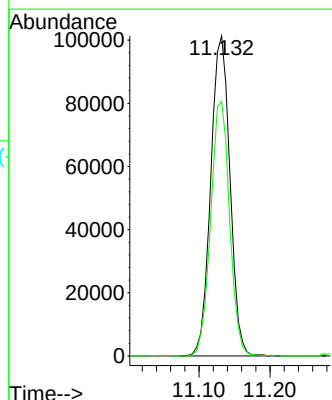
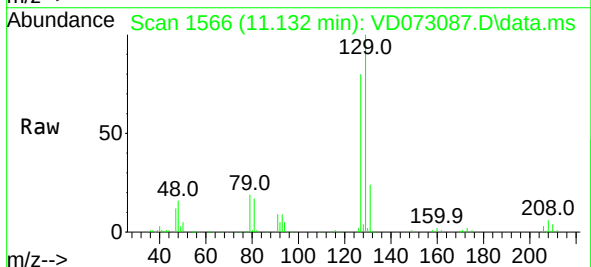
Instrument :
MSVOA_D
ClientSampleId :

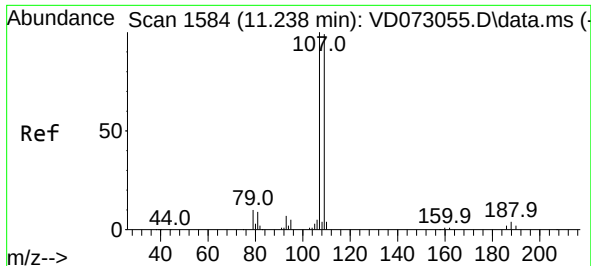
Tgt Ion: 43 Resp: 392786
Ion Ratio Lower Upper
43 100
58 54.4 25.3 75.9



#60
Dibromochloromethane
Concen: 44.176 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion:129 Resp: 189870
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

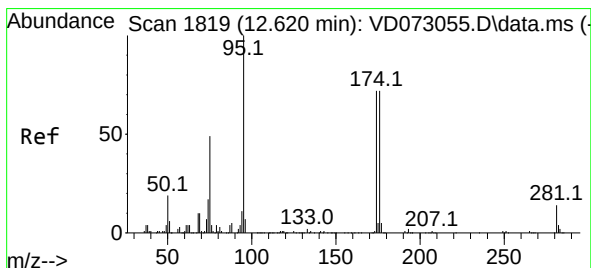
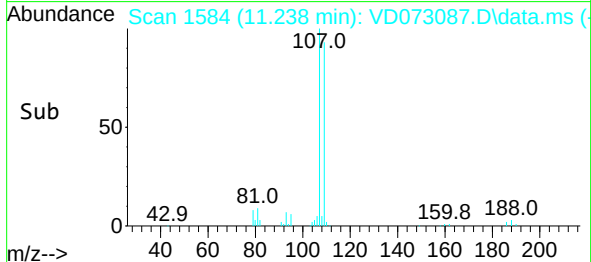
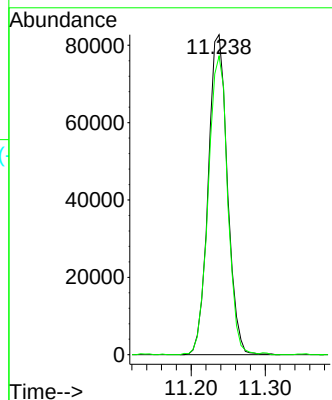
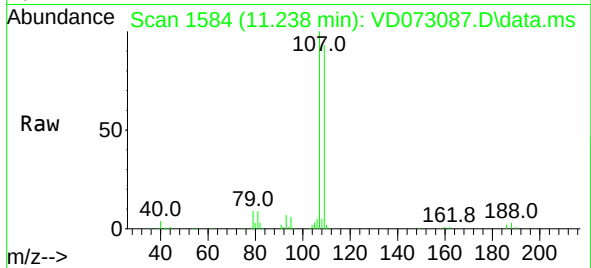




#61
1,2-Dibromoethane
Concen: 44.783 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

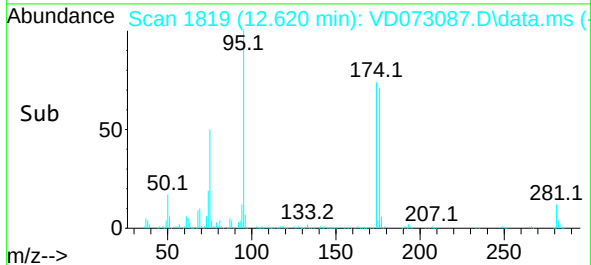
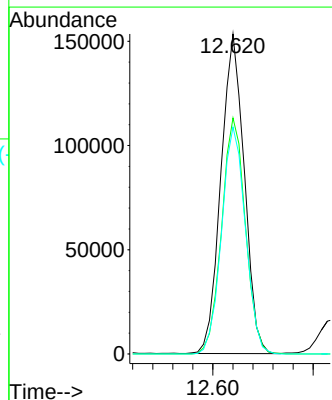
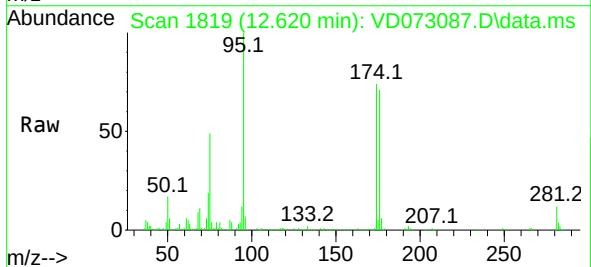
Instrument :
MSVOA_D
ClientSampleId :

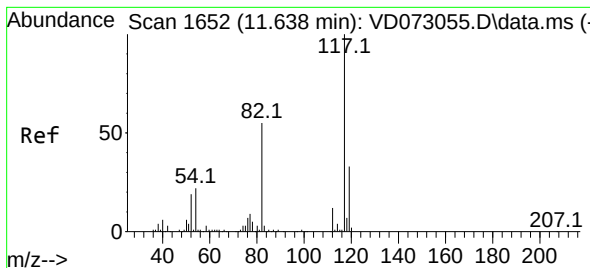
Tgt Ion:107 Resp: 149082
Ion Ratio Lower Upper
107 100
109 94.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.748 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 95 Resp: 247642
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.8
176 72.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.000 min

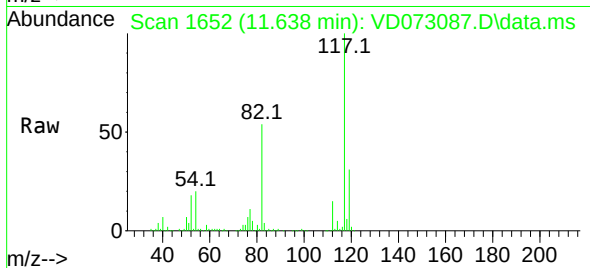
Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :



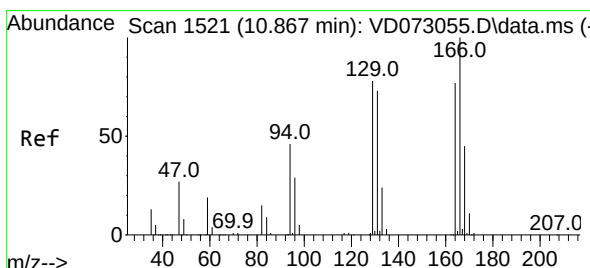
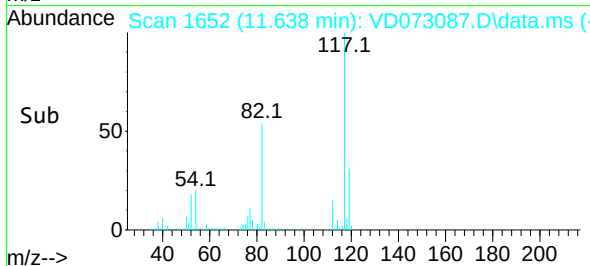
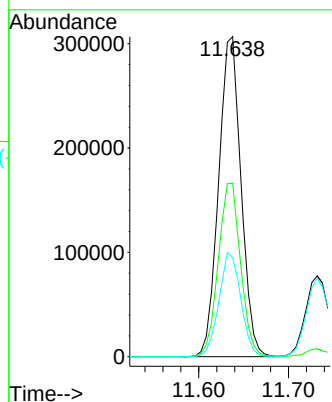
Tgt Ion:117 Resp: 532016

Ion Ratio Lower Upper

117 100

82 54.2 45.3 67.9

119 30.8 26.6 40.0



#64

Tetrachloroethene

Concen: 41.562 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Tgt Ion:164 Resp: 161998

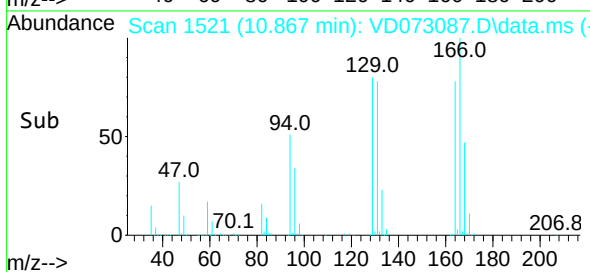
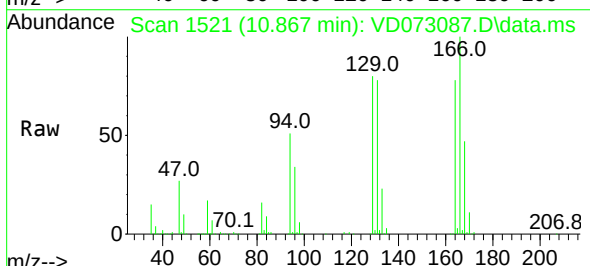
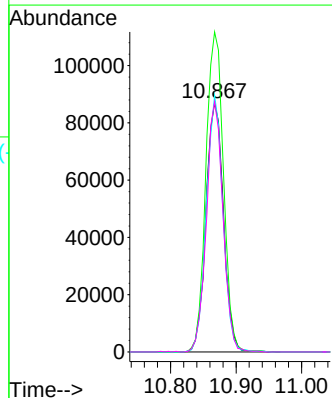
Ion Ratio Lower Upper

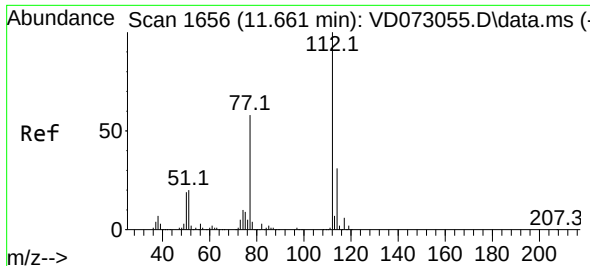
164 100

166 128.5 98.5 147.7

129 103.1 74.6 111.8

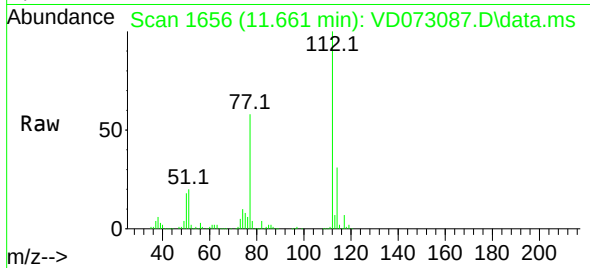
131 100.4 72.0 108.0



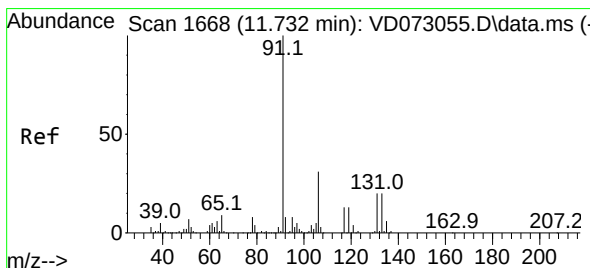
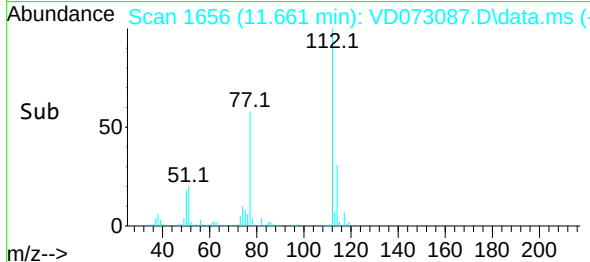
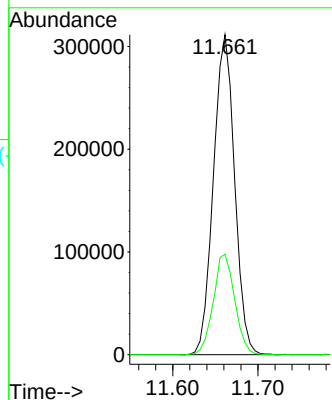


#65
Chlorobenzene
Concen: 44.568 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Instrument :
MSVOA_D
ClientSampleId :

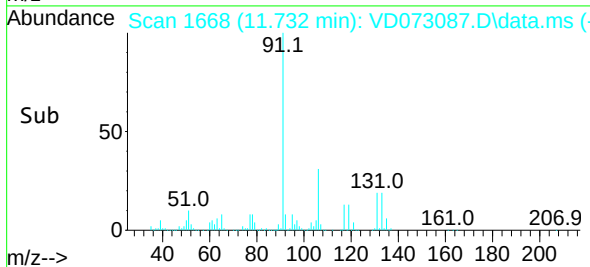
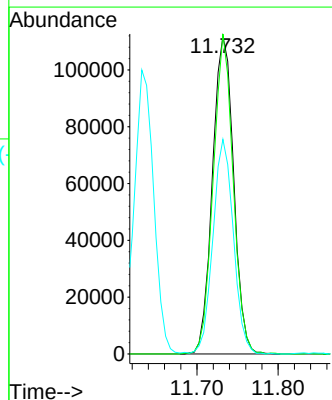
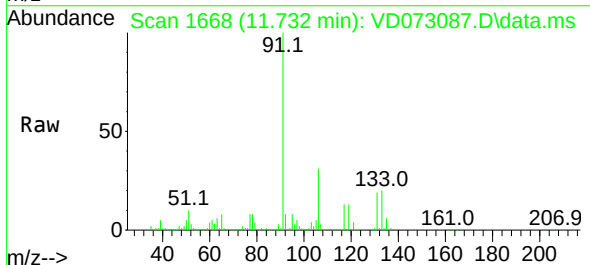


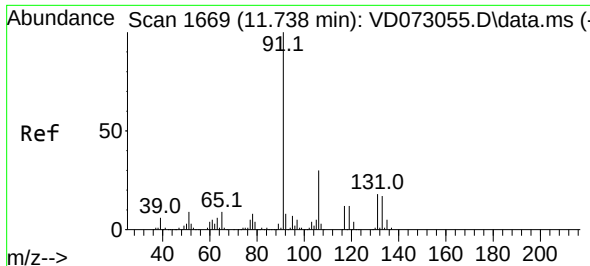
Tgt Ion:112 Resp: 537630
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 43.889 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion:131 Resp: 202245
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 65.3 31.9 95.9

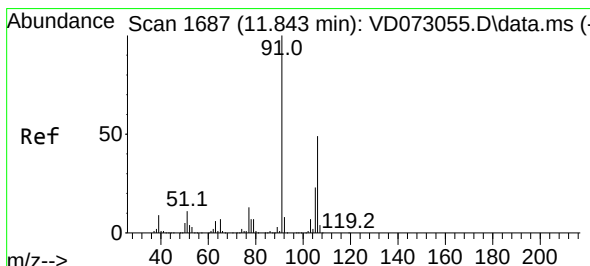
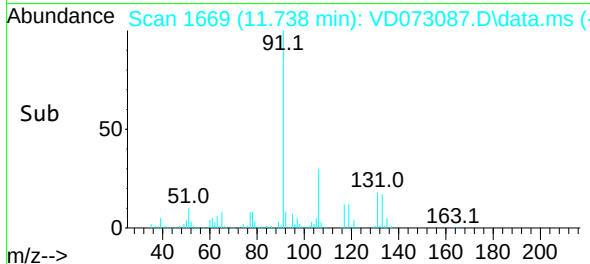
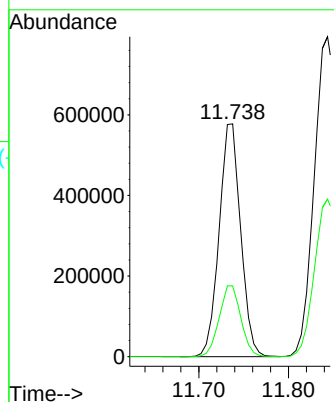
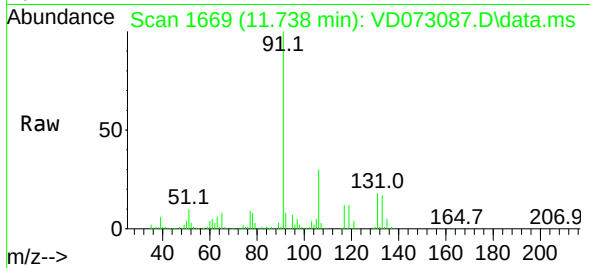




#67
Ethyl Benzene
Concen: 45.846 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

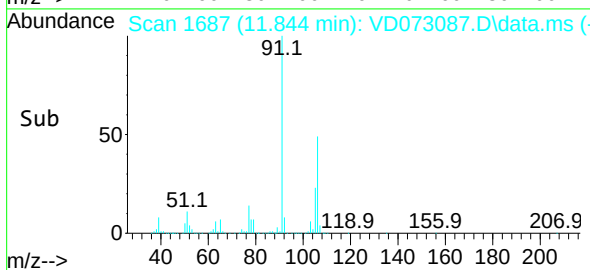
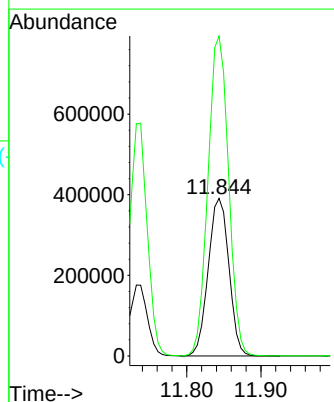
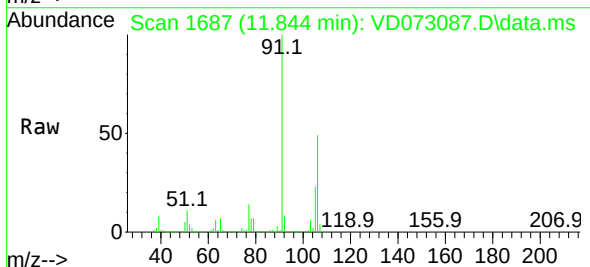
Instrument :
MSVOA_D
ClientSampleId :

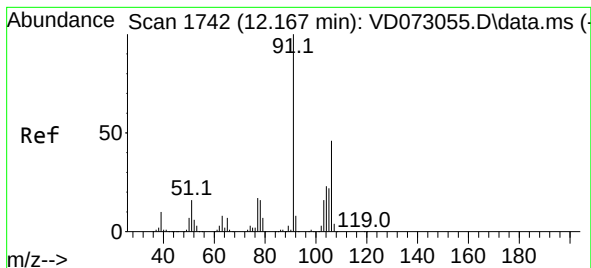
Tgt Ion: 91 Resp: 962952
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4



#68
m/p-Xylenes
Concen: 93.146 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion:106 Resp: 758245
Ion Ratio Lower Upper
106 100
91 201.9 163.7 245.5





#69

o-Xylene

Concen: 46.180 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

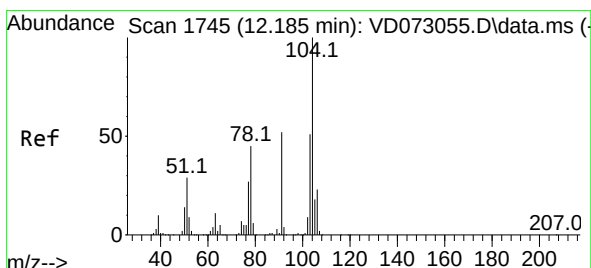
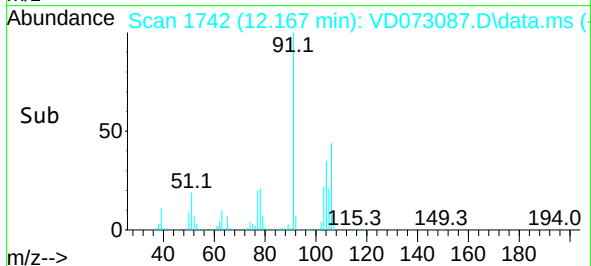
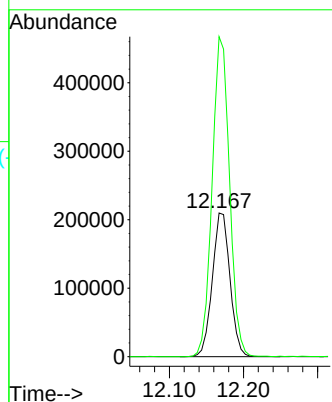
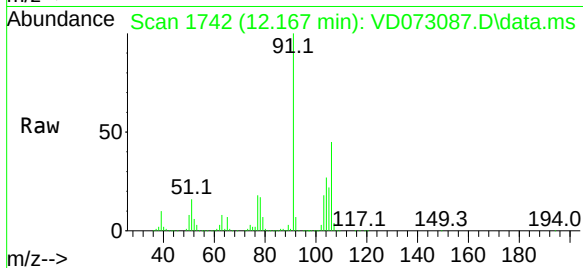
ClientSampleId :

Tgt Ion:106 Resp: 346670

Ion Ratio Lower Upper

106 100

91 219.9 110.4 331.2



#70

Styrene

Concen: 47.389 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

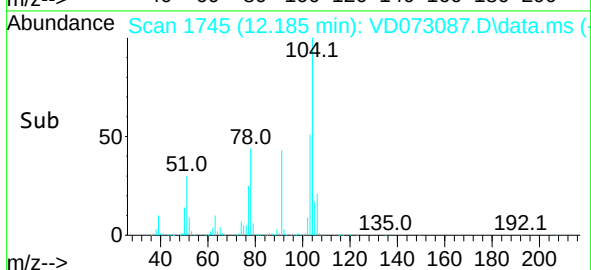
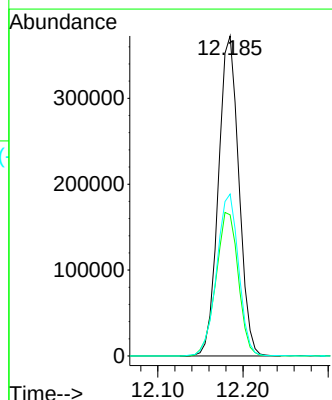
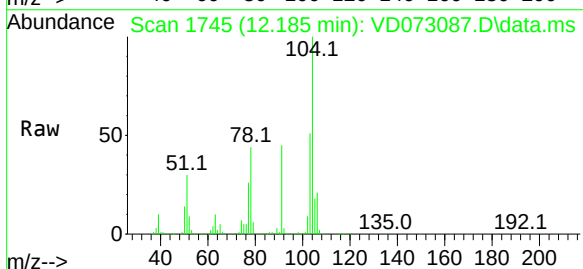
Tgt Ion:104 Resp: 621367

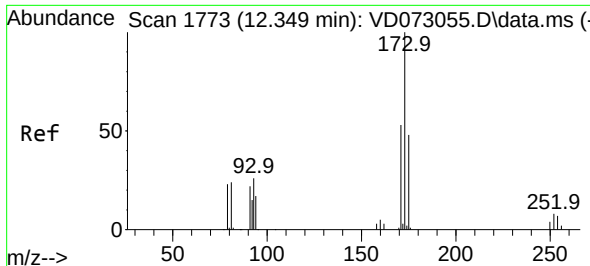
Ion Ratio Lower Upper

104 100

78 49.0 41.8 62.8

103 54.3 44.2 66.4

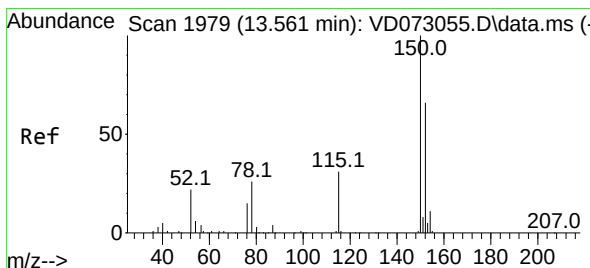
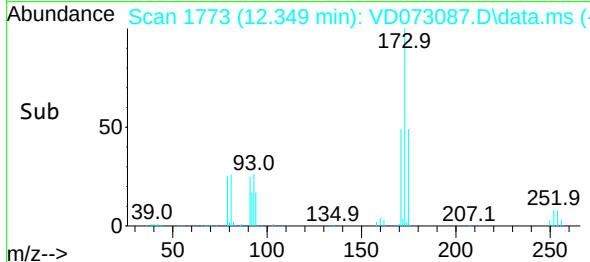
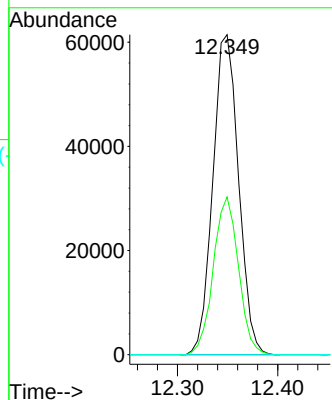
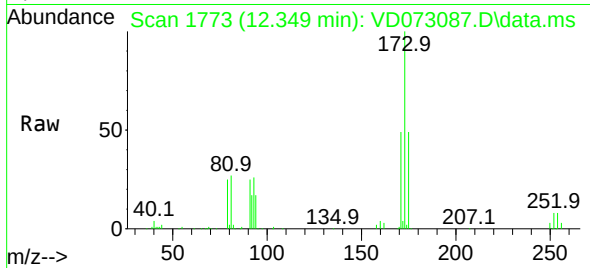




#71
Bromoform
Concen: 45.075 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

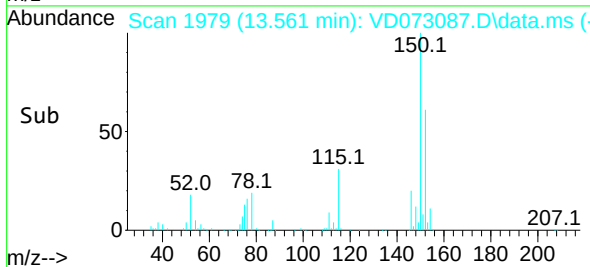
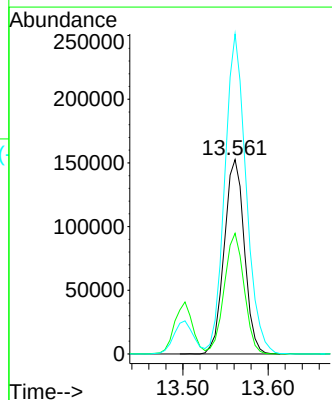
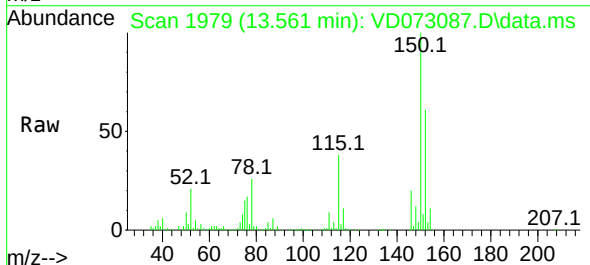
Instrument :
MSVOA_D
ClientSampleId :

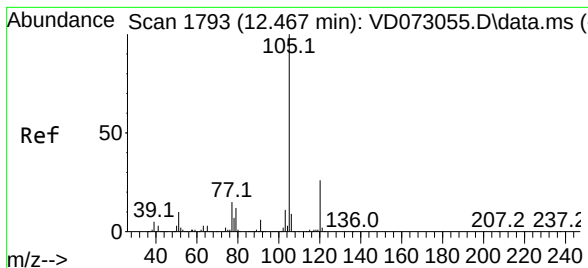
Tgt Ion:173 Resp: 109359
Ion Ratio Lower Upper
173 100
175 48.3 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion:152 Resp: 250958
Ion Ratio Lower Upper
152 100
115 61.3 31.3 93.8
150 174.4 0.0 348.6





#73

Isopropylbenzene

Concen: 47.189 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

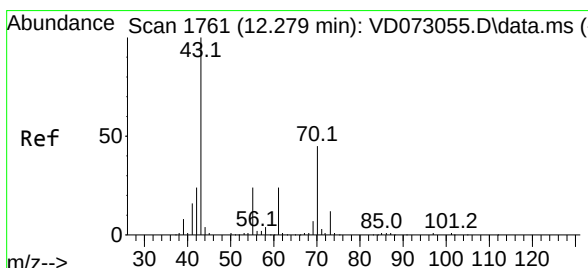
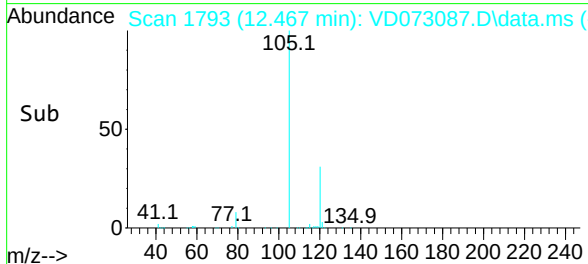
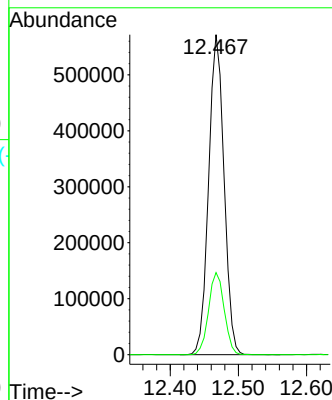
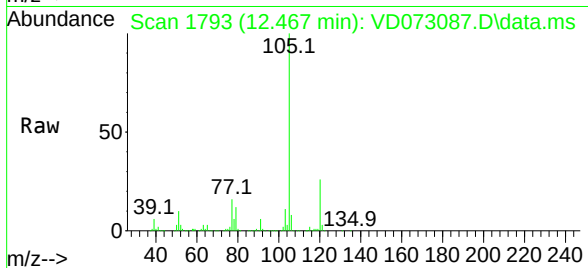
ClientSampleId :

Tgt Ion:105 Resp: 897652

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 48.398 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Tgt Ion: 43 Resp: 215154

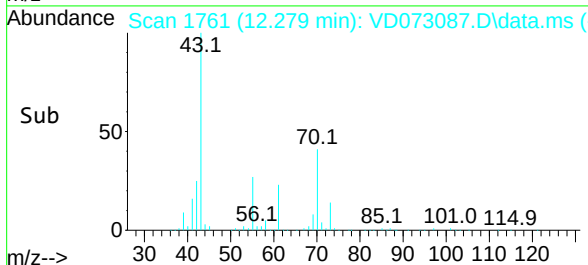
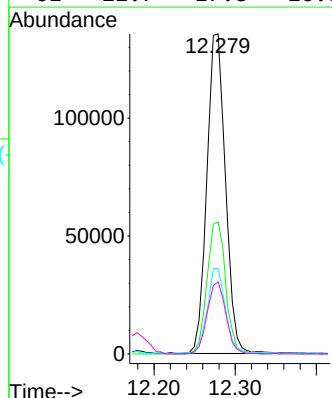
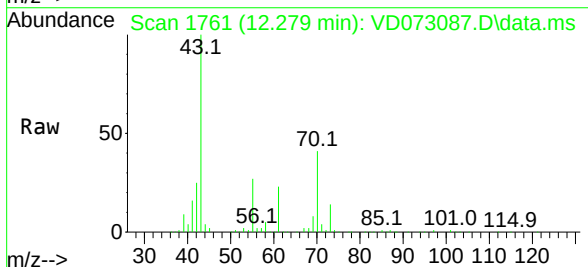
Ion Ratio Lower Upper

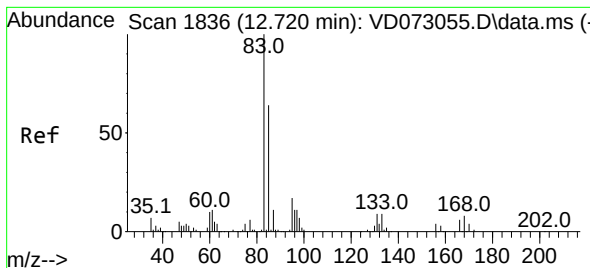
43 100

70 41.5 31.3 46.9

55 26.8 20.0 30.0

61 22.7 17.8 26.8

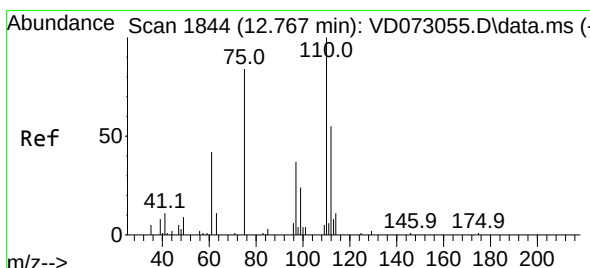
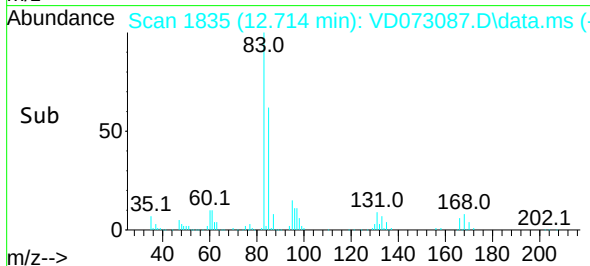
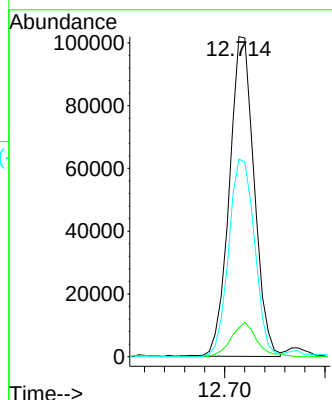
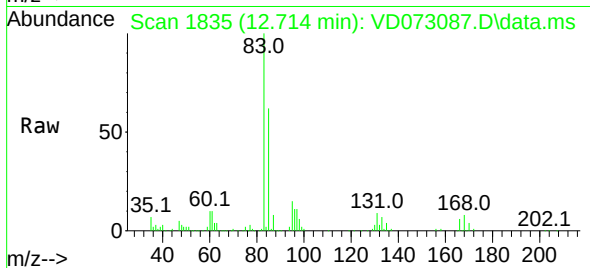




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.620 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

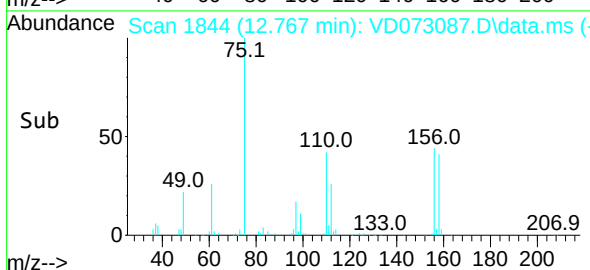
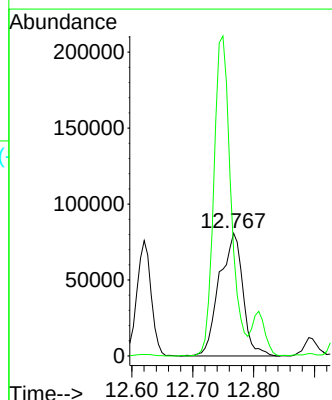
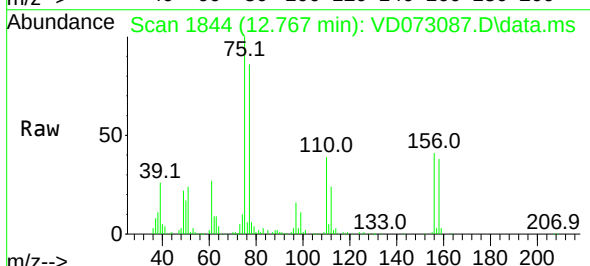
Instrument :
 MSVOA_D
 ClientSampleId :

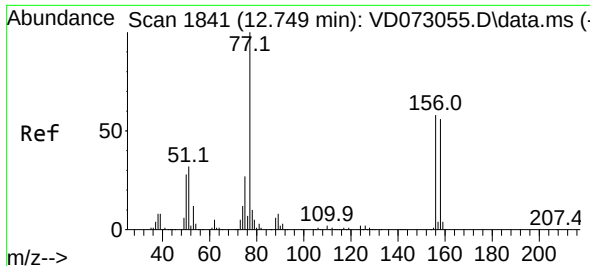
Tgt Ion: 83 Resp: 174834
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.0 14.9
 85 64.5 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 76.624 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073087.D
 Acq: 18 May 2022 06:35

Tgt Ion: 75 Resp: 217376
 Ion Ratio Lower Upper
 75 100
 77 189.1 0.0 0.0#

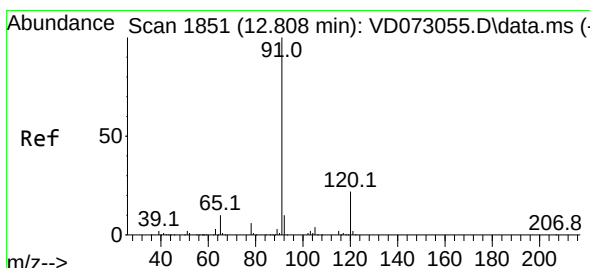
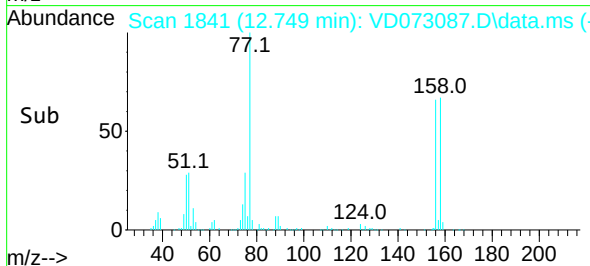
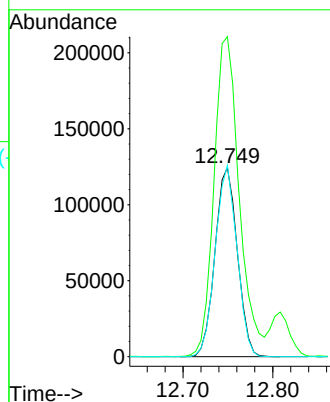
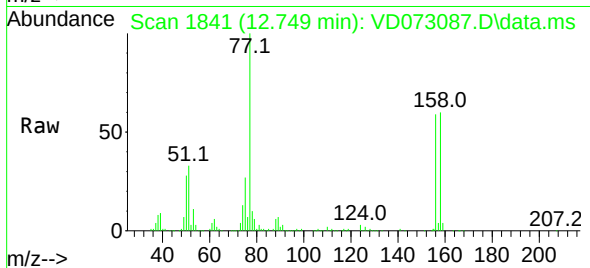




#77
Bromobenzene
Concen: 47.398 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

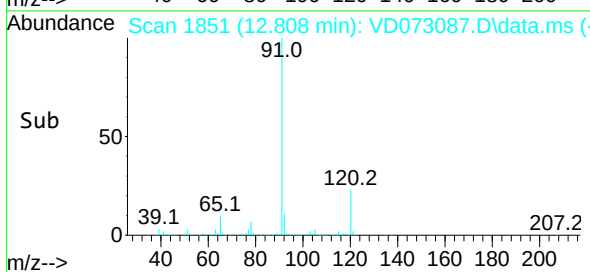
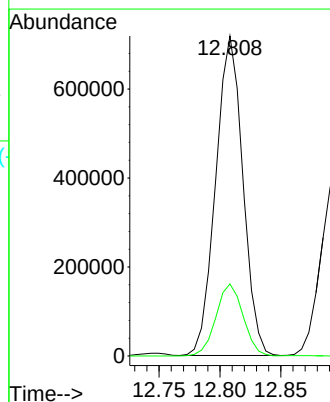
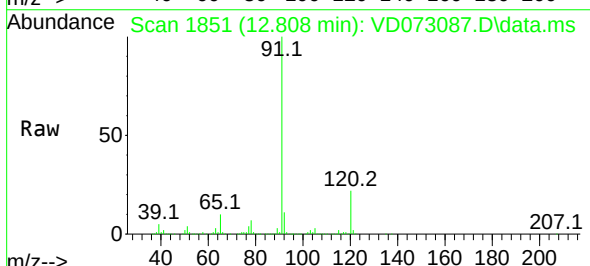
Instrument :
MSVOA_D
ClientSampleId :

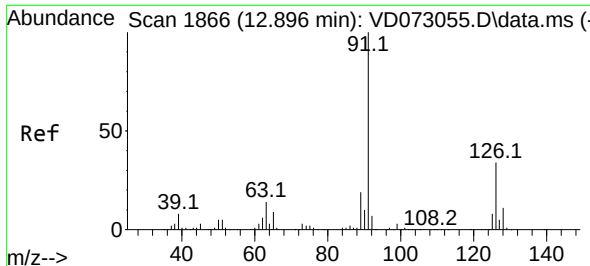
Tgt Ion:156 Resp: 215128
Ion Ratio Lower Upper
156 100
77 191.1 102.8 308.3
158 98.2 48.7 146.1



#78
n-propylbenzene
Concen: 46.697 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 91 Resp: 1115511
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9

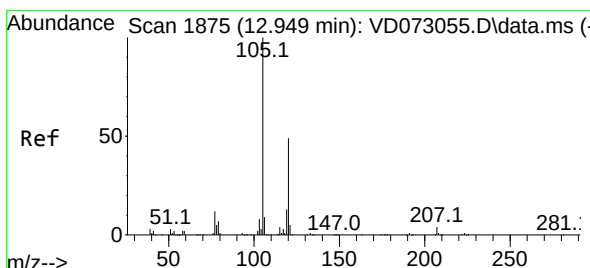
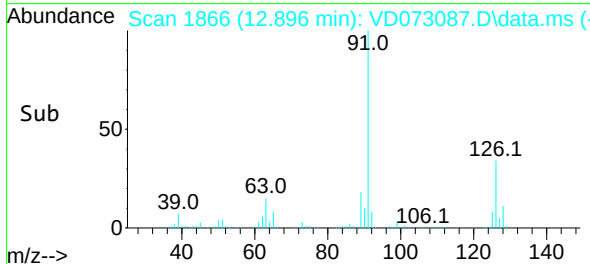
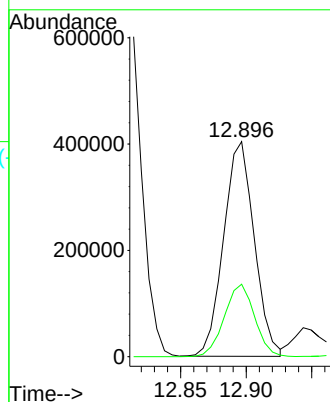
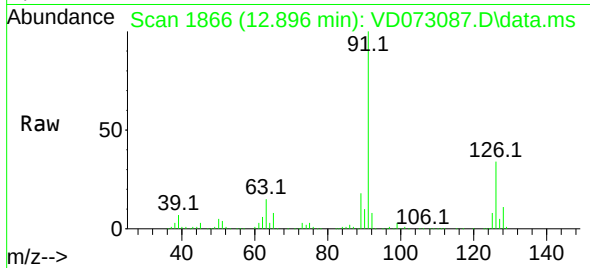




#79
2-Chlorotoluene
Concen: 47.183 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

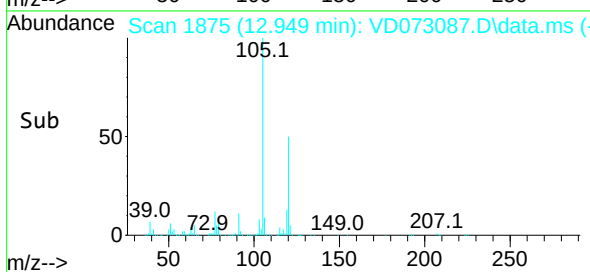
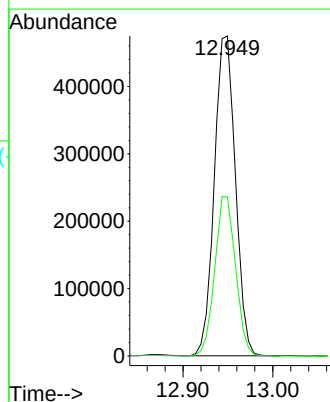
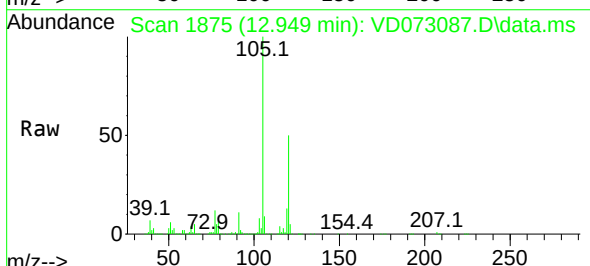
Instrument :
MSVOA_D
ClientSampleId :

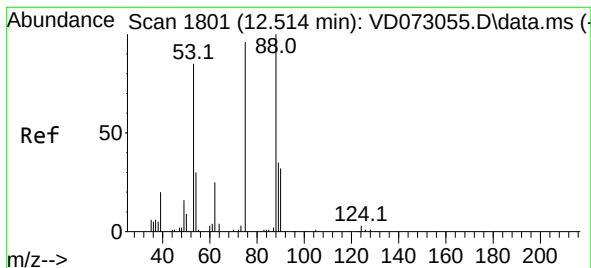
Tgt Ion: 91 Resp: 656610
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 47.769 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 105 Resp: 774115
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

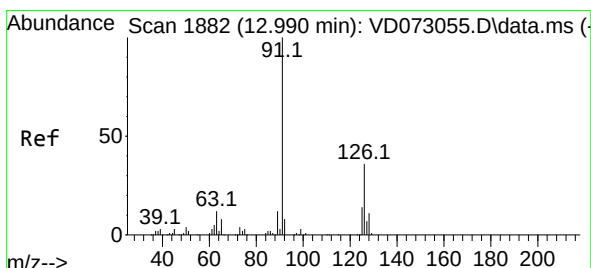
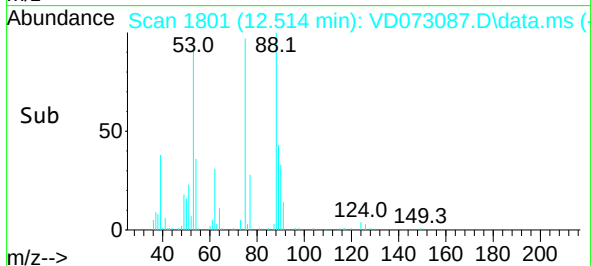
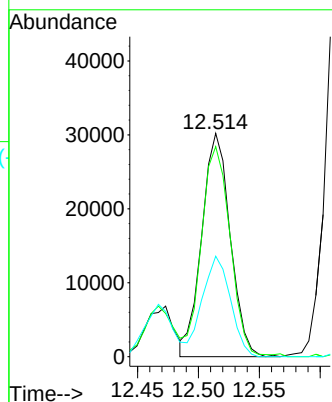
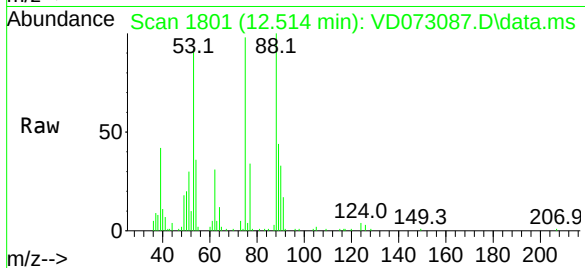




#81
trans-1,4-Dichloro-2-butene
Concen: 41.579 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

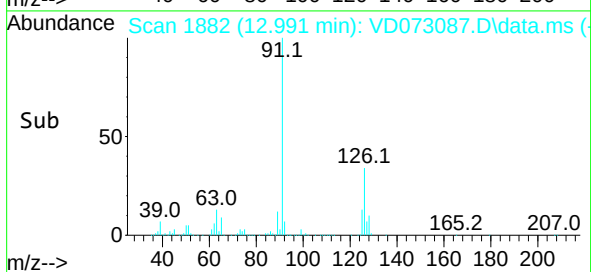
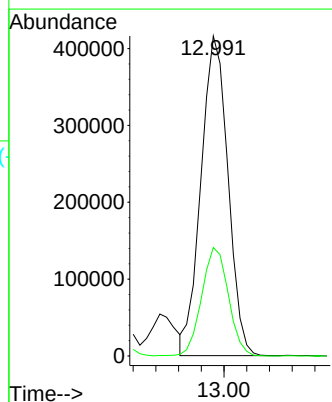
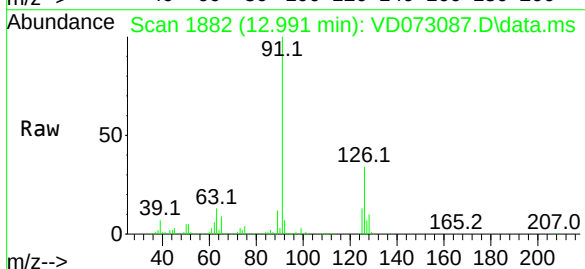
Instrument :
MSVOA_D
ClientSampleId :

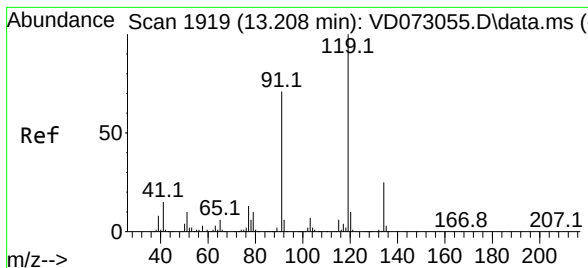
Tgt Ion: 75 Resp: 49194
Ion Ratio Lower Upper
75 100
53 95.6 86.5 129.7
89 44.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 46.526 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 91 Resp: 685248
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5





#83

tert-Butylbenzene

Concen: 46.257 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :

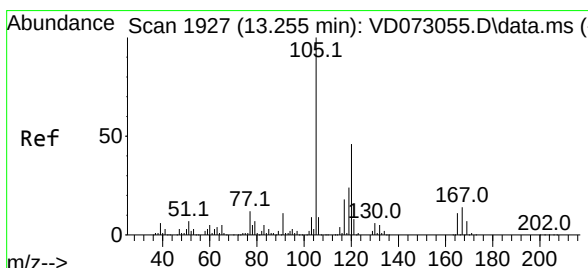
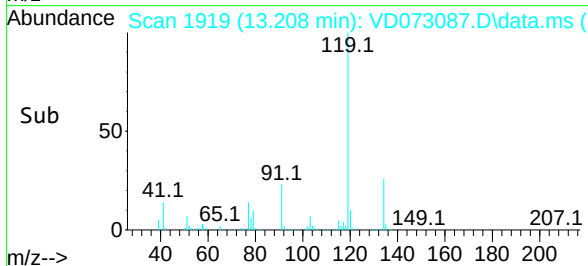
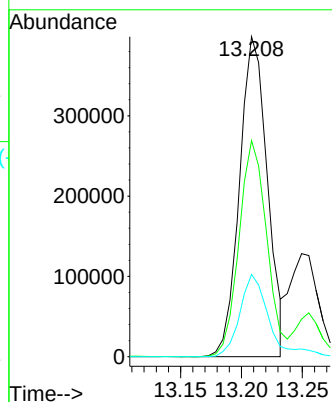
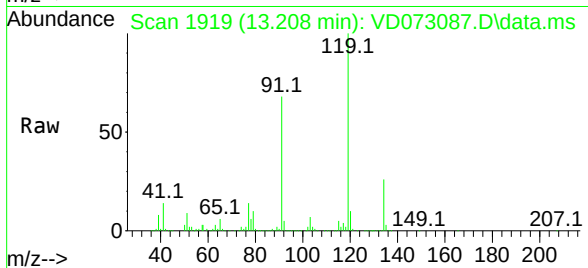
Tgt Ion:119 Resp: 634958

Ion Ratio Lower Upper

119 100

91 67.4 34.8 104.5

134 26.9 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 48.464 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073087.D

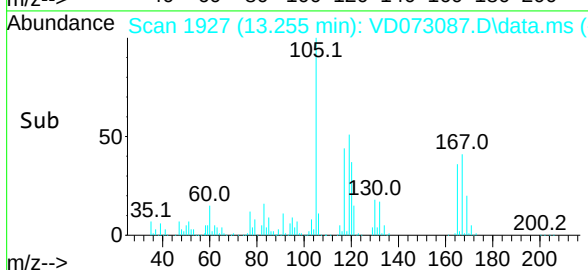
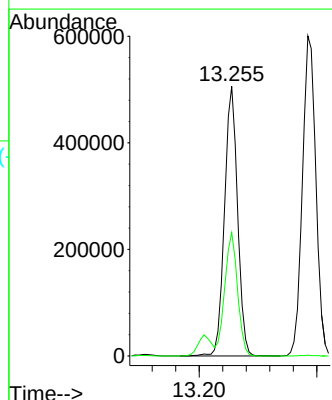
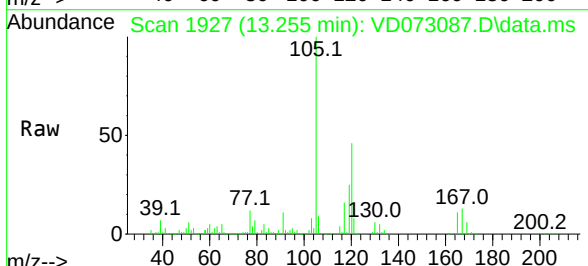
Acq: 18 May 2022 06:35

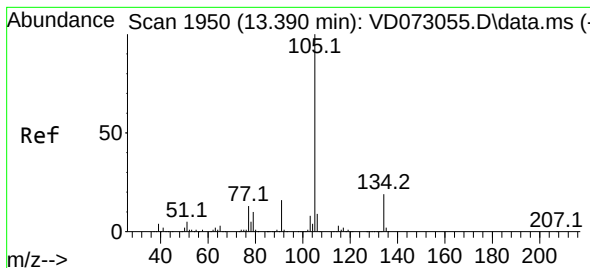
Tgt Ion:105 Resp: 781370

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 45.728 ug/l

RT: 13.385 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

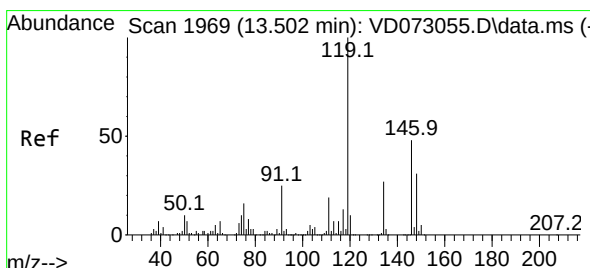
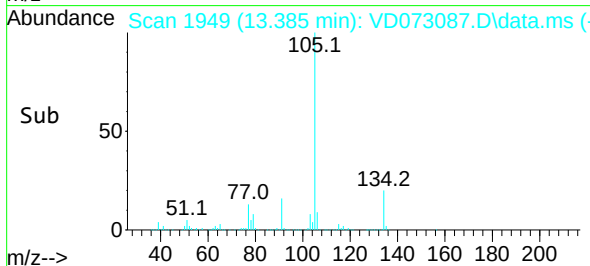
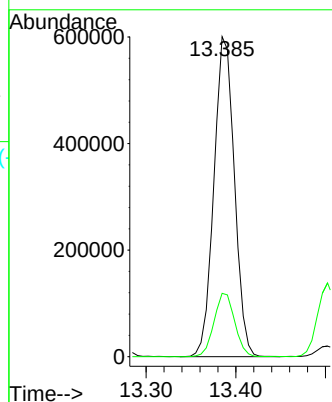
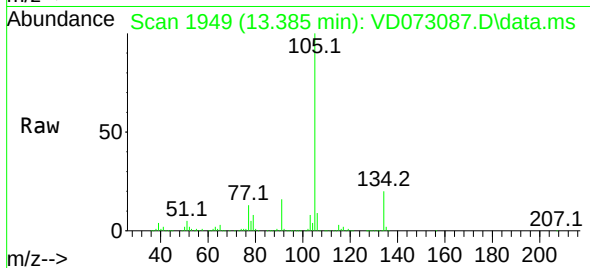
ClientSampleId :

Tgt Ion:105 Resp: 952780

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 47.209 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

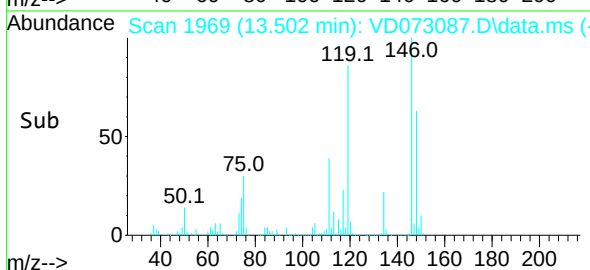
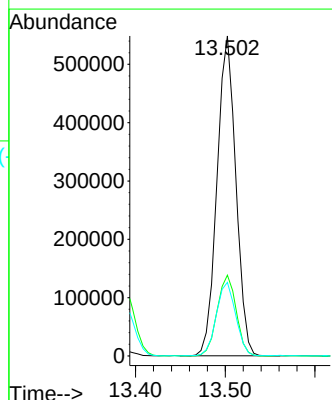
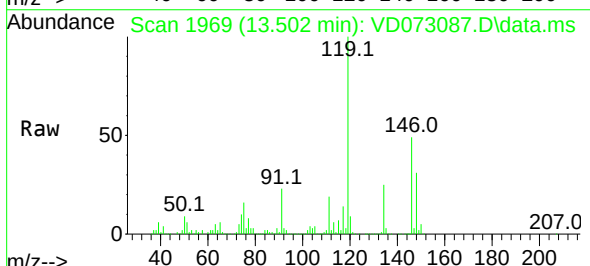
Tgt Ion:119 Resp: 800098

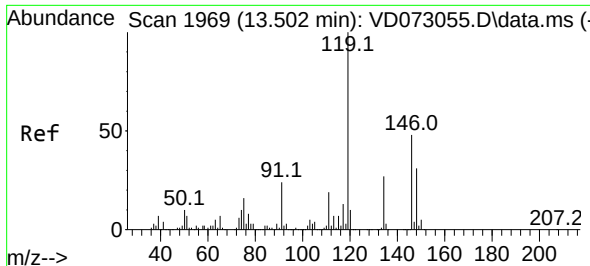
Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.6

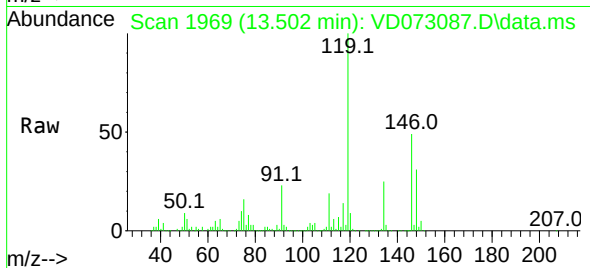
91 23.5 12.1 36.3



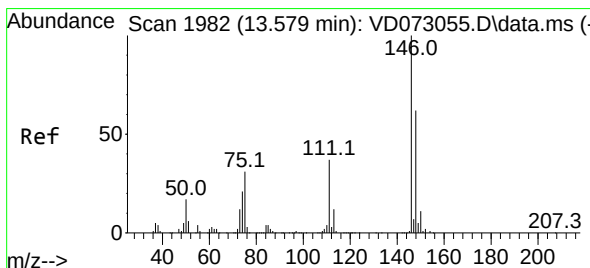
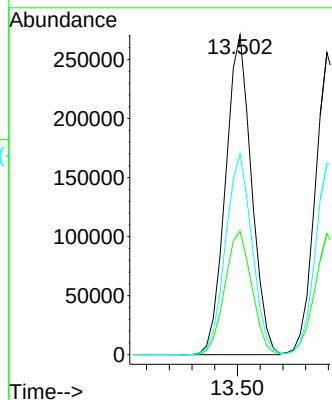
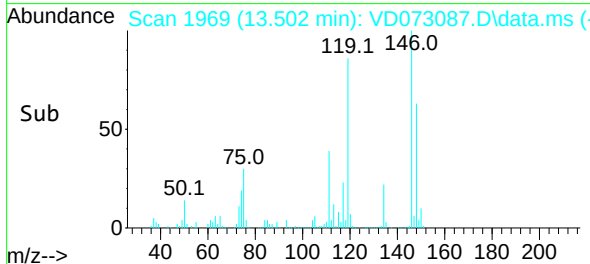


#87
1,3-Dichlorobenzene
Concen: 46.160 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

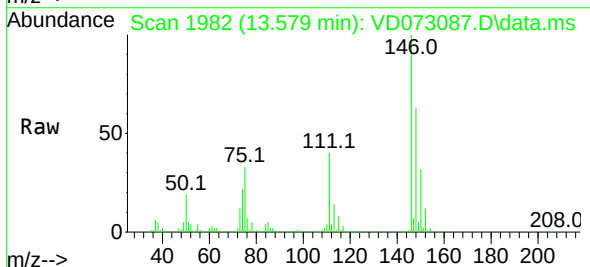
Instrument :
MSVOA_D
ClientSampleId :



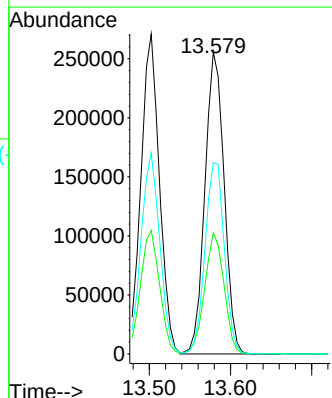
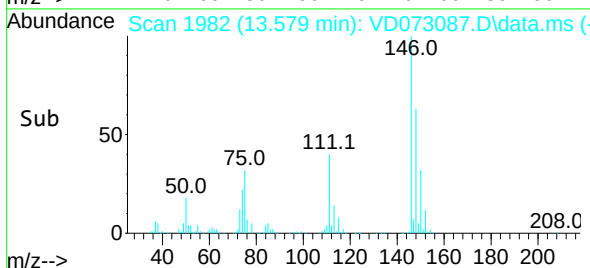
Tgt Ion:146 Resp: 430614
Ion Ratio Lower Upper
146 100
111 40.0 20.4 61.3
148 64.0 31.9 95.7

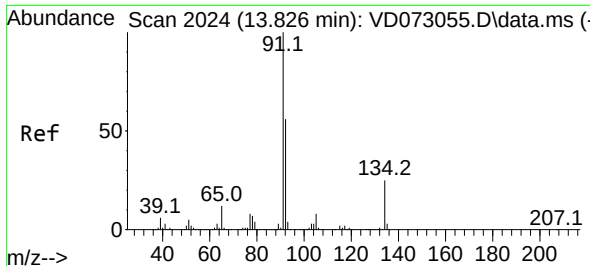


#88
1,4-Dichlorobenzene
Concen: 45.515 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35



Tgt Ion:146 Resp: 419574
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 64.1 31.7 95.1

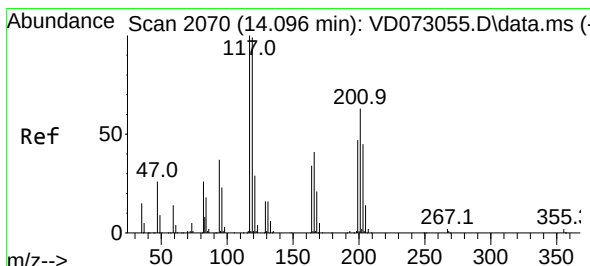
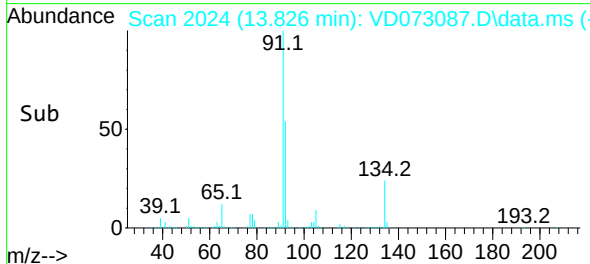
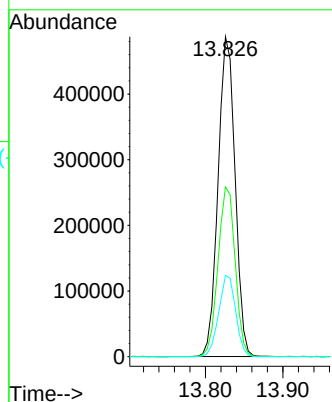
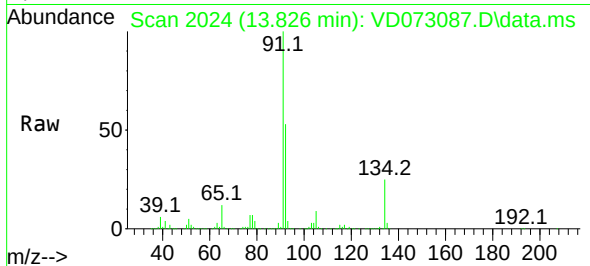




#89
n-Butylbenzene
Concen: 45.058 ug/l
RT: 13.826 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

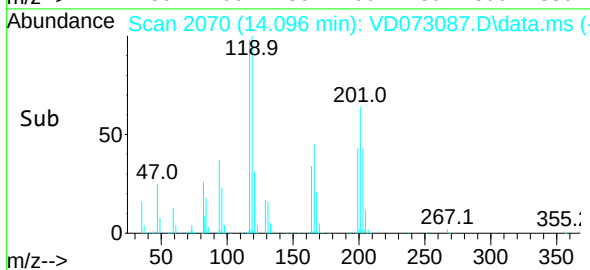
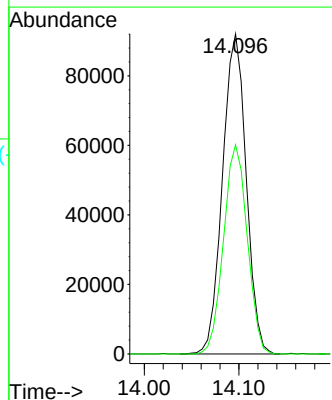
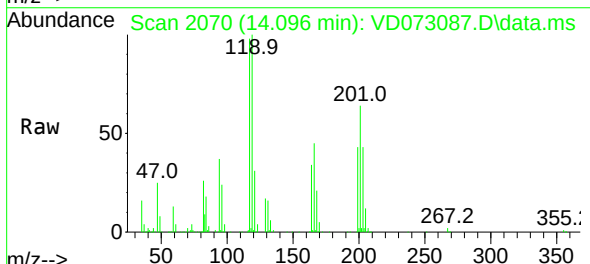
Instrument :
MSVOA_D
ClientSampleId :

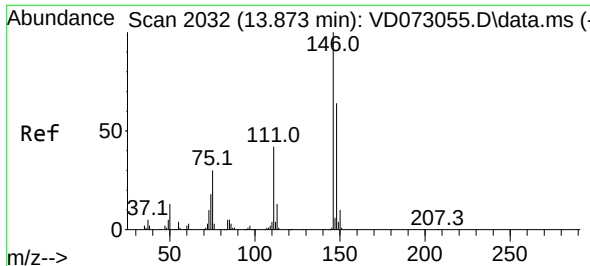
Tgt Ion: 91 Resp: 742641
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 25.3 12.3 36.9



#90
Hexachloroethane
Concen: 45.387 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 117 Resp: 159833
Ion Ratio Lower Upper
117 100
201 65.4 33.4 100.2

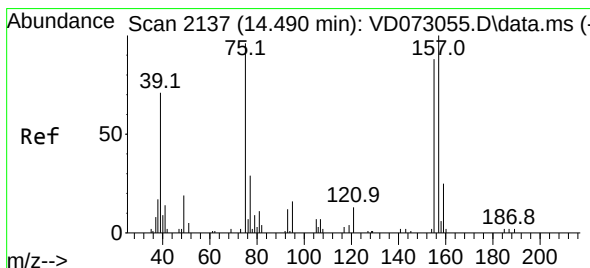
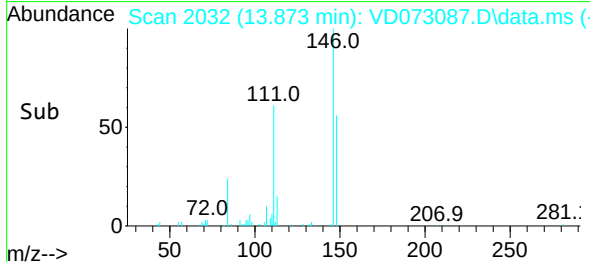
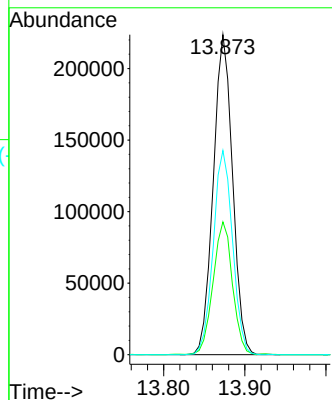
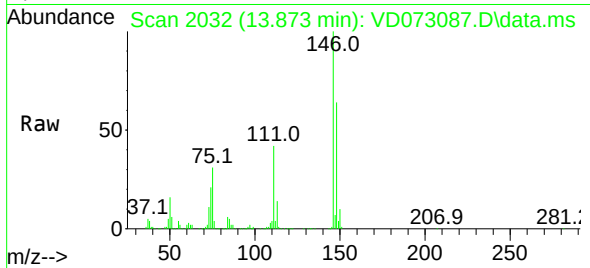




#91
1,2-Dichlorobenzene
Concen: 45.652 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

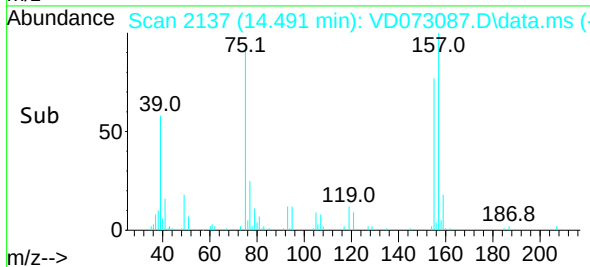
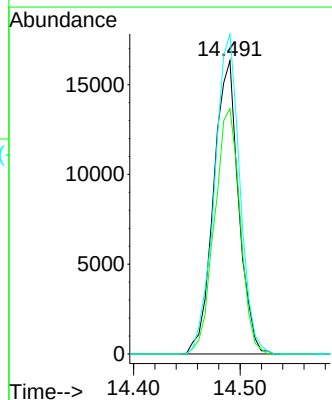
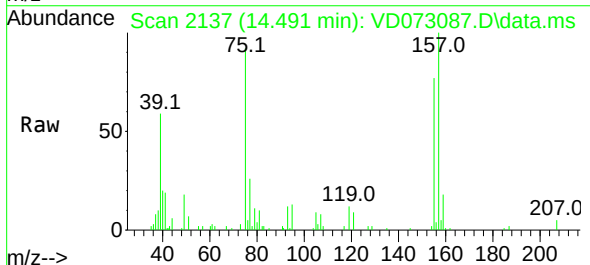
Instrument :
MSVOA_D
ClientSampleId :

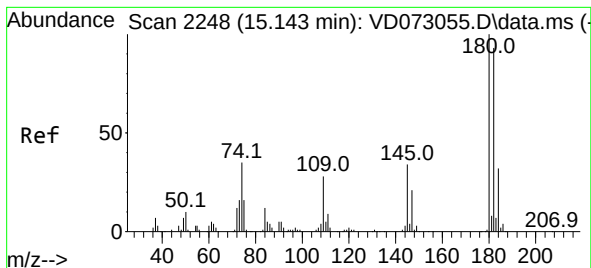
Tgt Ion:146 Resp: 369377
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 45.681 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073087.D
Acq: 18 May 2022 06:35

Tgt Ion: 75 Resp: 26628
Ion Ratio Lower Upper
75 100
155 85.1 36.8 110.3
157 110.2 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 47.244 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

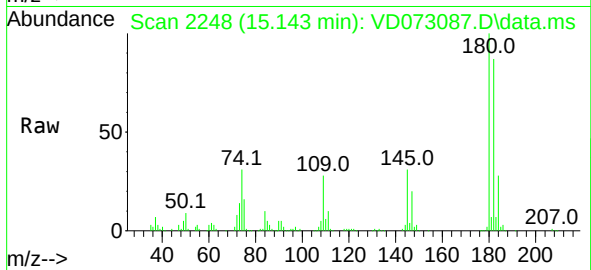
Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :



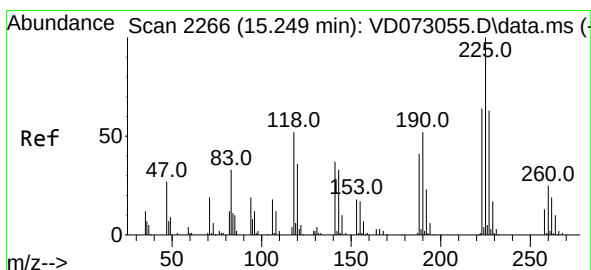
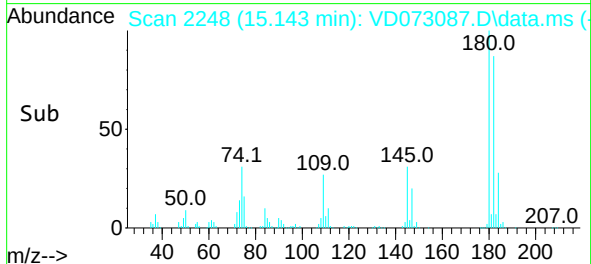
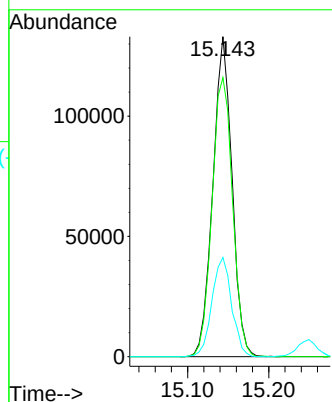
Tgt Ion:180 Resp: 218100

Ion Ratio Lower Upper

180 100

182 93.5 47.3 142.0

145 31.9 16.2 48.5



#94

Hexachlorobutadiene

Concen: 42.013 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

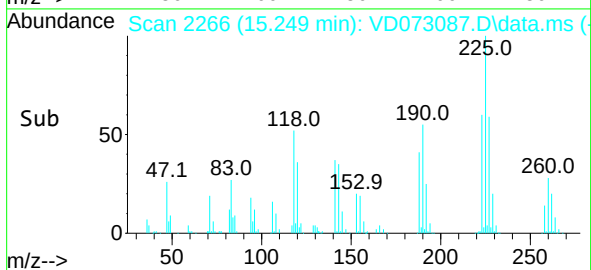
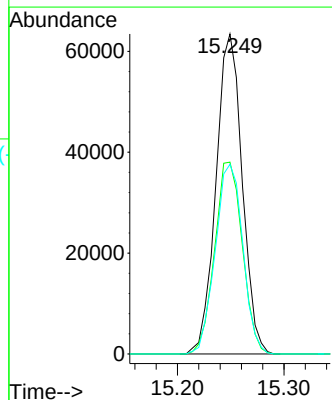
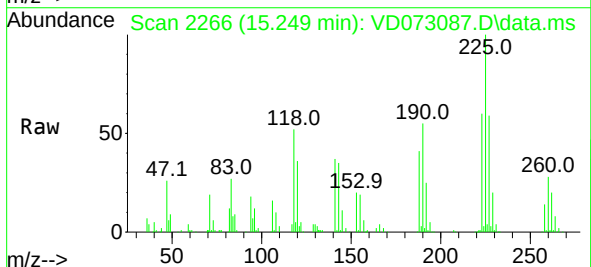
Tgt Ion:225 Resp: 108259

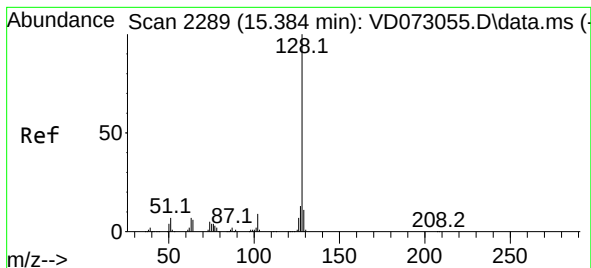
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 62.4 32.4 97.0





#95

Naphthalene

Concen: 43.463 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.005 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Instrument :

MSVOA_D

ClientSampleId :

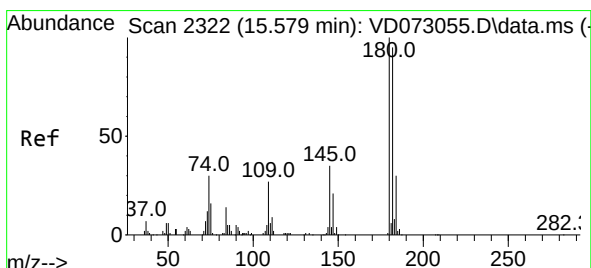
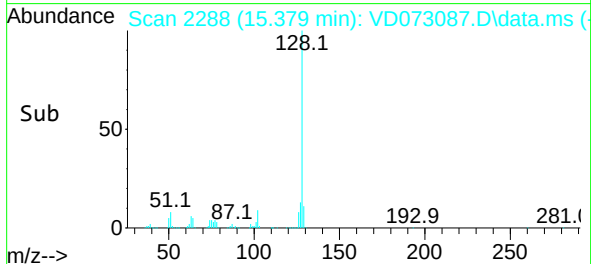
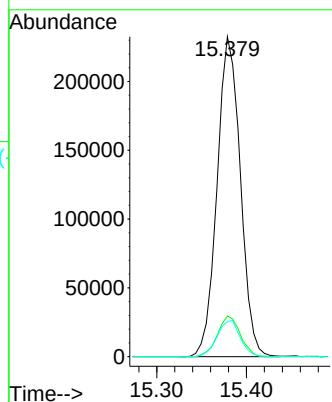
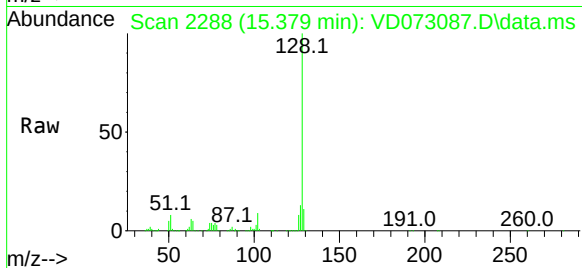
Tgt Ion:128 Resp: 418998

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.2 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 47.099 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD073087.D

Acq: 18 May 2022 06:35

Tgt Ion:180 Resp: 193039

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 33.3 17.1 51.3

