

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073423.D
 Acq On : 31 May 2022 14:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 17:41:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	375641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	596314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	570331	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	280409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	193129	46.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.040%
35) Dibromofluoromethane	7.908	113	203686	51.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.520%
50) Toluene-d8	10.332	98	760505	52.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.860%
62) 4-Bromofluorobenzene	12.620	95	286705	56.323	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	199268	53.088	ug/l	100
3) Chloromethane	2.209	50	188940	44.516	ug/l	95
4) Vinyl Chloride	2.344	62	176879	45.575	ug/l	99
5) Bromomethane	2.750	94	116835	46.690	ug/l	97
6) Chloroethane	2.909	64	110325	46.241	ug/l	96
7) Trichlorofluoromethane	3.262	101	330583	48.172	ug/l	97
8) Diethyl Ether	3.703	74	95264	50.518	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.085	101	202099	49.357	ug/l	96
10) Methyl Iodide	4.291	142	204824	46.364	ug/l	98
11) Tert butyl alcohol	5.220	59	68034	105.629	ug/l #	88
12) 1,1-Dichloroethene	4.062	96	185719	49.196	ug/l	88
13) Acrolein	3.920	56	49501	190.381	ug/l	99
14) Allyl chloride	4.703	41	295508	48.495	ug/l	90
15) Acrylonitrile	5.414	53	219011	253.984	ug/l	96
16) Acetone	4.156	43	176159	244.985	ug/l #	89
17) Carbon Disulfide	4.403	76	603717	48.241	ug/l	100
18) Methyl Acetate	4.709	43	96271	48.148	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	429594	49.952	ug/l	96
20) Methylene Chloride	4.956	84	236703	52.063	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	220363	48.278	ug/l	87
22) Diisopropyl ether	6.361	45	620718	48.592	ug/l	91
23) Vinyl Acetate	6.303	43	1702159	249.816	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	376116	45.871	ug/l	97
25) 2-Butanone	7.203	43	263611	250.578	ug/l	93
26) 2,2-Dichloropropane	7.203	77	317067	45.344	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	239472	47.415	ug/l	91
28) Bromochloromethane	7.538	49	117730	41.677	ug/l #	78
29) Tetrahydrofuran	7.555	42	176805	259.912	ug/l	90
30) Chloroform	7.703	83	384281	44.892	ug/l	99
31) Cyclohexane	7.979	56	342061	47.151	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	347078	46.359	ug/l	96
36) 1,1-Dichloropropene	8.108	75	300146	50.718	ug/l	94
37) Ethyl Acetate	7.285	43	125310	53.607	ug/l #	94
38) Carbon Tetrachloride	8.091	117	305498	50.926	ug/l	97
39) Methylcyclohexane	9.349	83	366306	55.540	ug/l	95
40) Benzene	8.344	78	860078	50.428	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	73268	53.797	ug/l #	86
42) 1,2-Dichloroethane	8.420	62	235435	49.610	ug/l	95
43) Isopropyl Acetate	8.444	43	234582	54.293	ug/l #	93
44) Trichloroethene	9.102	130	234680	51.599	ug/l	94
45) 1,2-Dichloropropane	9.379	63	213078	49.607	ug/l	99
46) Dibromomethane	9.467	93	116351	49.321	ug/l	94
47) Bromodichloromethane	9.649	83	292383	48.439	ug/l	98
48) Methyl methacrylate	9.449	41	120013	55.209	ug/l	90
49) 1,4-Dioxane	9.455	88	27580	1132.095	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	627311	279.541	ug/l	94
52) Toluene	10.396	92	557857	51.760	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	278129	51.004	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	330987	50.721	ug/l #	87
55) 1,1,2-Trichloroethane	10.785	97	162710	51.005	ug/l	96
56) Ethyl methacrylate	10.649	69	201335	56.765	ug/l	85
57) 1,3-Dichloropropane	10.938	76	272947	50.993	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	462436	272.312	ug/l	96
59) 2-Hexanone	10.973	43	430222	290.791	ug/l	93
60) Dibromochloromethane	11.132	129	202171	50.825	ug/l	98
61) 1,2-Dibromoethane	11.238	107	158112	51.869	ug/l	96
64) Tetrachloroethene	10.867	164	192997	51.665	ug/l	98
65) Chlorobenzene	11.661	112	586525	50.129	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	216588	49.914	ug/l	99
67) Ethyl Benzene	11.732	91	1059968	51.607	ug/l	99
68) m/p-Xylenes	11.843	106	839377	105.188	ug/l	97
69) o-Xylene	12.167	106	386075	52.666	ug/l	94
70) Styrene	12.185	104	672338	53.308	ug/l	97
71) Bromoform	12.349	173	117733	52.718	ug/l #	98
73) Isopropylbenzene	12.467	105	1033035	51.677	ug/l	100
74) N-amyl acetate	12.273	43	232974	53.423	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	186230	50.513	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	231176	84.024	ug/l #	100
77) Bromobenzene	12.749	156	237715	50.516	ug/l	91
78) n-propylbenzene	12.808	91	1276075	50.848	ug/l	97
79) 2-Chlorotoluene	12.890	91	731996	50.517	ug/l	97
80) 1,3,5-Trimethylbenzene	12.943	105	878295	51.867	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	61565	53.720	ug/l	87
82) 4-Chlorotoluene	12.990	91	758771	49.959	ug/l	98
83) tert-Butylbenzene	13.208	119	731268	51.239	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	864016	51.649	ug/l	99
85) sec-Butylbenzene	13.385	105	1118892	51.345	ug/l	98
86) p-Isopropyltoluene	13.496	119	928793	52.286	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	476264	50.212	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	463775	48.438	ug/l	99
89) n-Butylbenzene	13.826	91	892011	52.702	ug/l	99
90) Hexachloroethane	14.096	117	180749	49.176	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	406215	49.498	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	29205	51.727	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	254200	54.559	ug/l	98
94) Hexachlorobutadiene	15.249	225	137693	52.444	ug/l	99
95) Naphthalene	15.379	128	474043	51.542	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	218139	52.812	ug/l	99

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QLast Update : Thu May 19 15:13:42 2022
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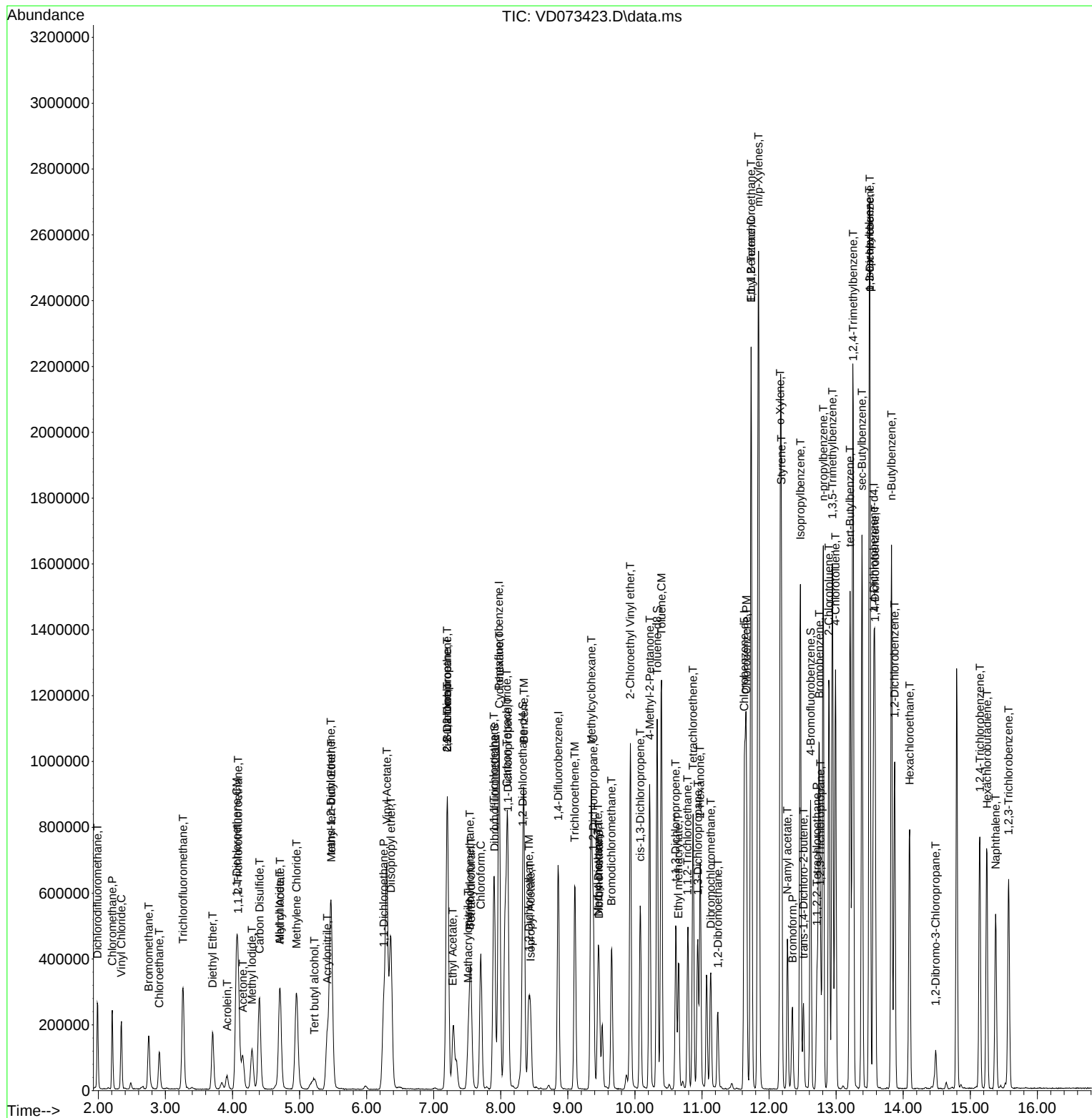
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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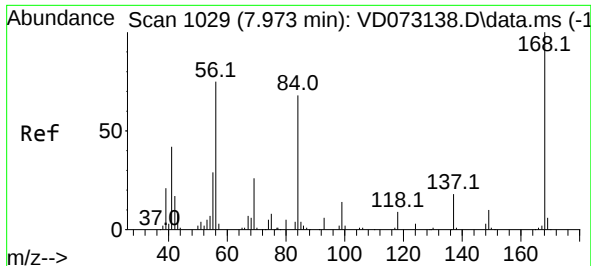
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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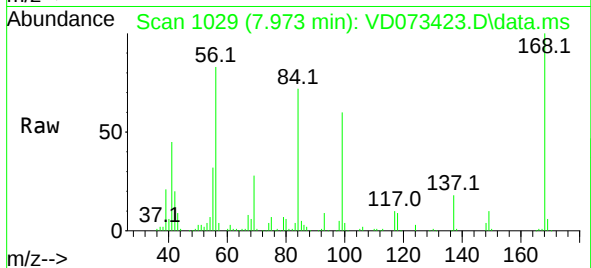
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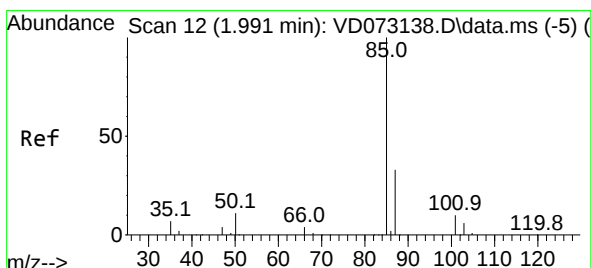
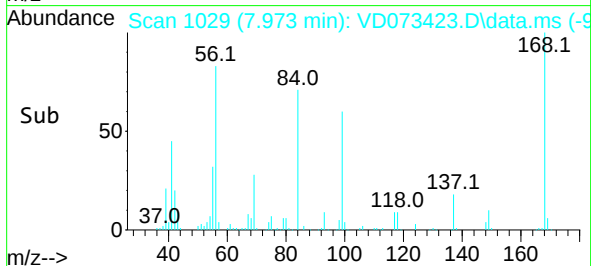
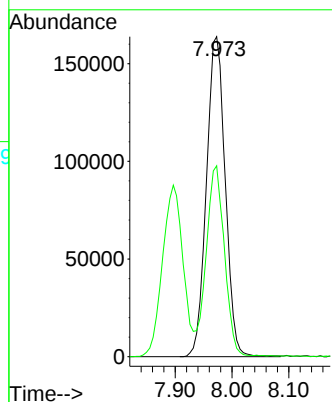


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
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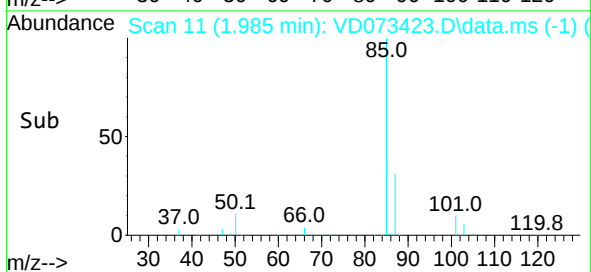
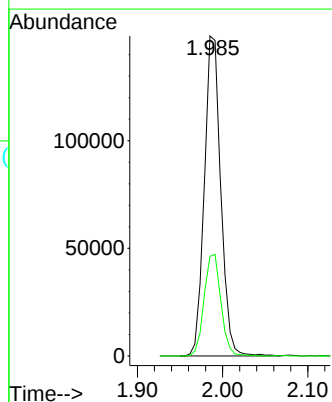
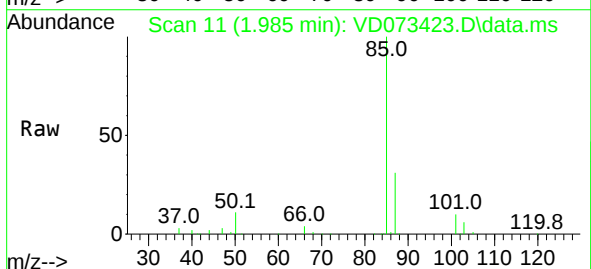


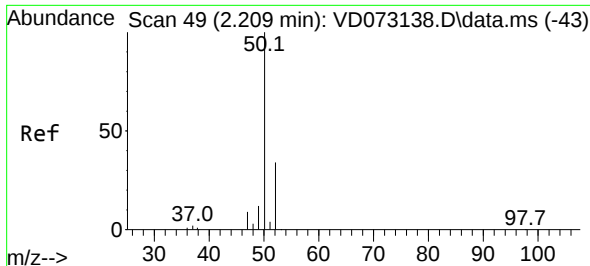
Tgt Ion:168 Resp: 375641
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 53.088 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 85 Resp: 199268
Ion Ratio Lower Upper
85 100
87 31.1 15.7 47.0

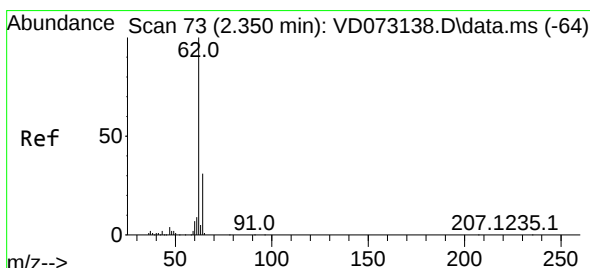
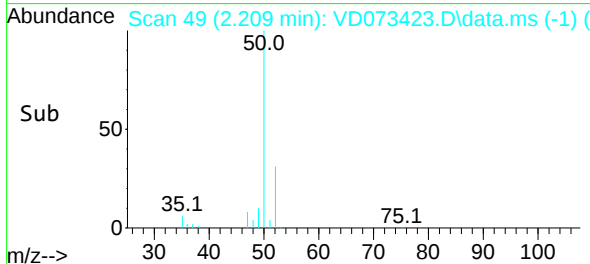
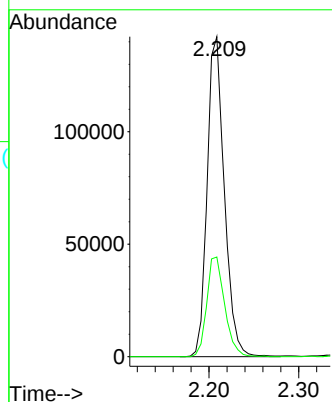
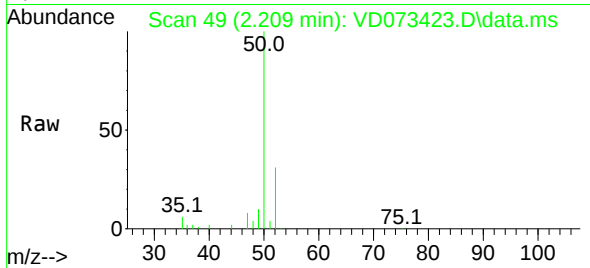




#3
Chloromethane
Concen: 44.516 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

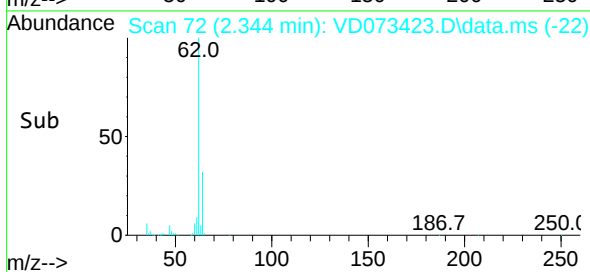
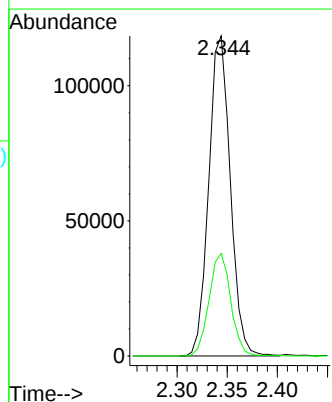
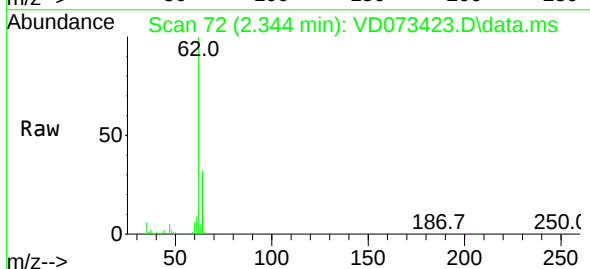
Instrument :
MSVOA_D
ClientSampleId :

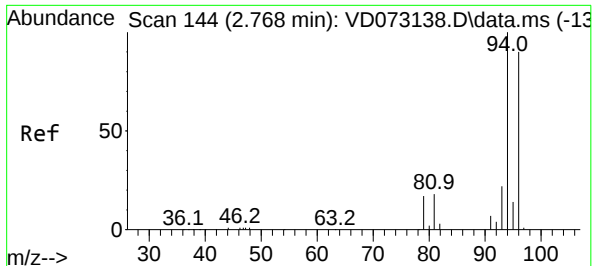
Tgt Ion: 50 Resp: 188940
Ion Ratio Lower Upper
50 100
52 31.1 27.4 41.0



#4
Vinyl Chloride
Concen: 45.575 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

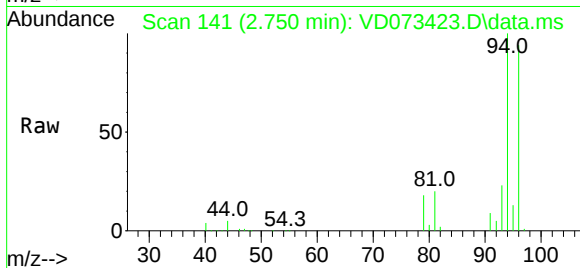
Tgt Ion: 62 Resp: 176879
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0



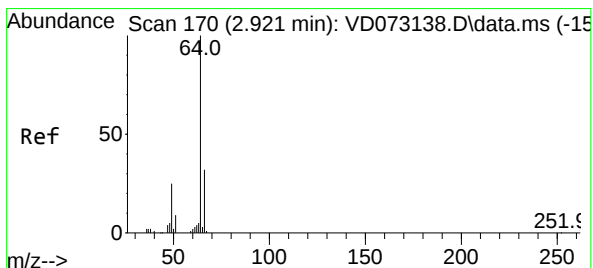
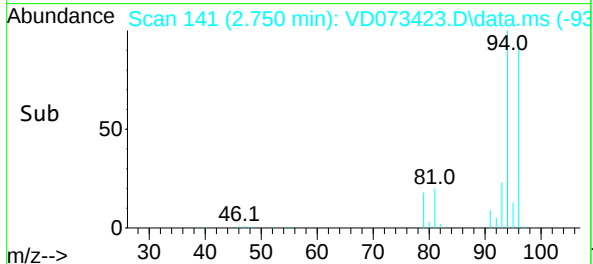
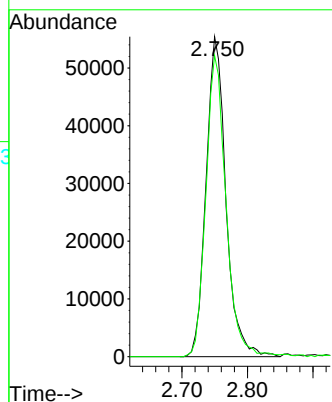


#5
Bromomethane
Concen: 46.690 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073423.D
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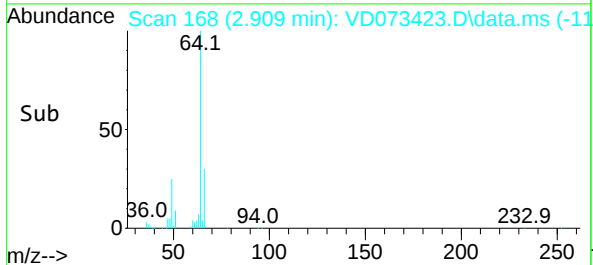
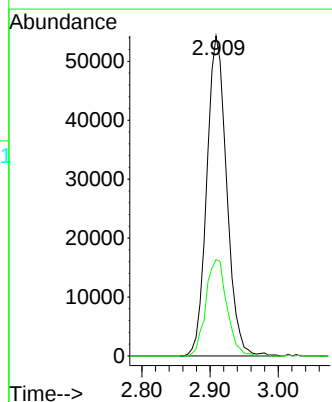
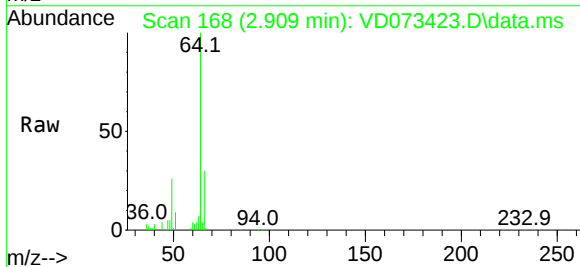


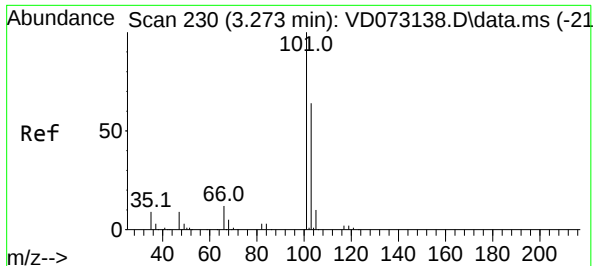
Tgt Ion: 94 Resp: 116835
Ion Ratio Lower Upper
94 100
96 94.0 77.6 116.4



#6
Chloroethane
Concen: 46.241 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 64 Resp: 110325
Ion Ratio Lower Upper
64 100
66 30.1 25.9 38.9





#7

Trichlorofluoromethane

Concen: 48.172 ug/l

RT: 3.262 min Scan# 21

Delta R.T. -0.011 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

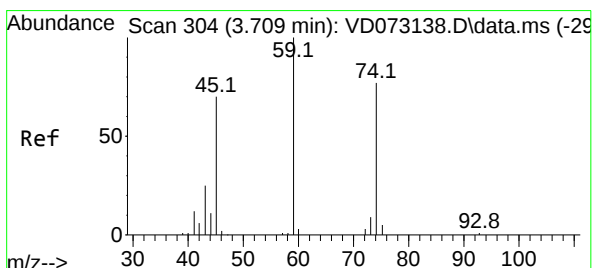
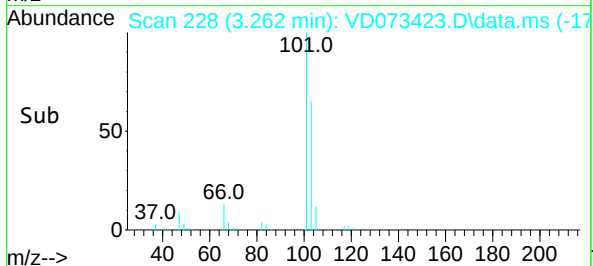
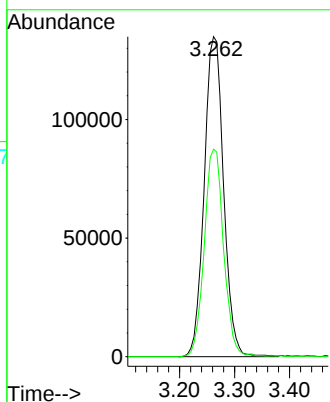
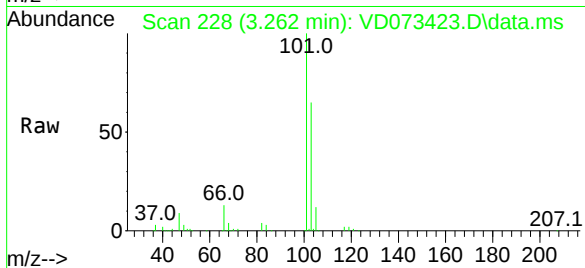
ClientSampleId :

Tgt Ion:101 Resp: 330583

Ion Ratio Lower Upper

101 100

103 64.9 50.1 75.1



#8

Diethyl Ether

Concen: 50.518 ug/l

RT: 3.703 min Scan# 303

Delta R.T. -0.006 min

Lab File: VD073423.D

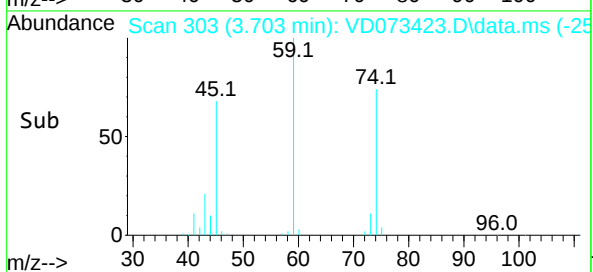
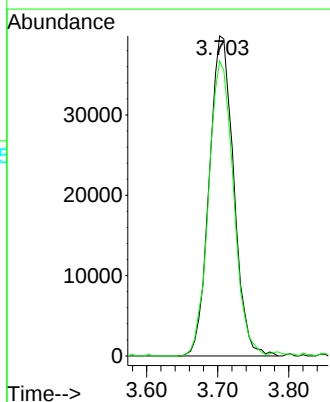
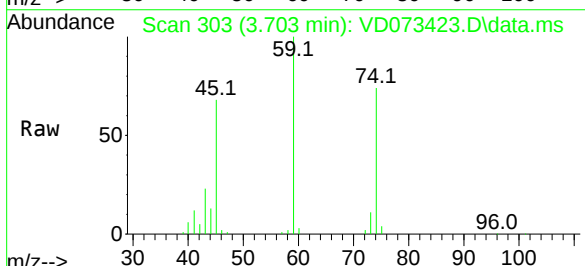
Acq: 31 May 2022 14:13

Tgt Ion: 74 Resp: 95264

Ion Ratio Lower Upper

74 100

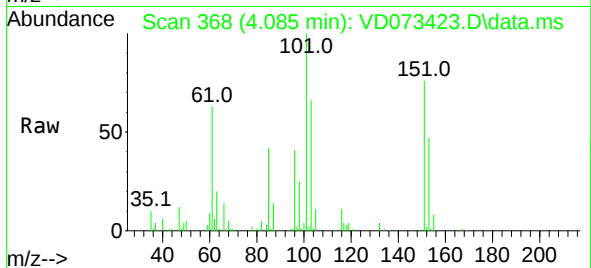
45 94.0 52.6 157.8



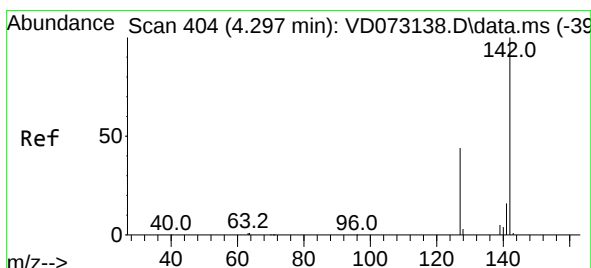
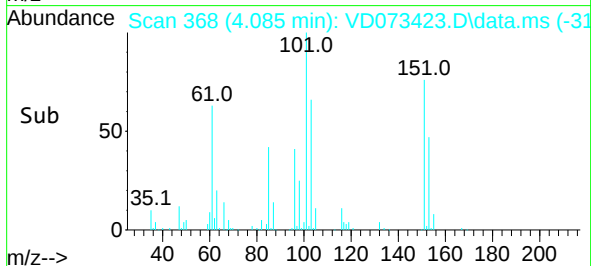
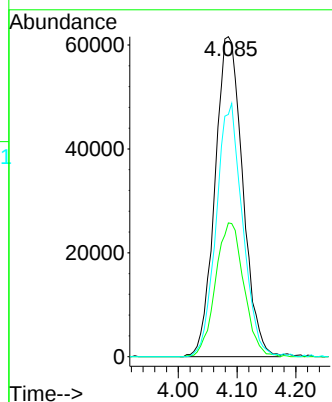


#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.357 ug/l
RT: 4.085 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

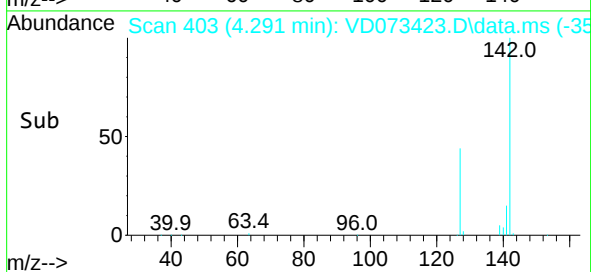
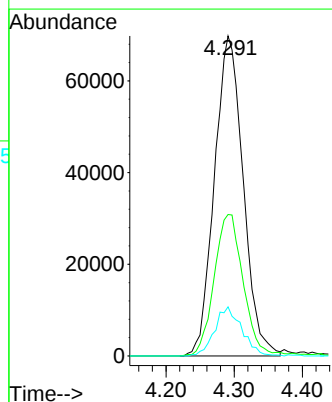
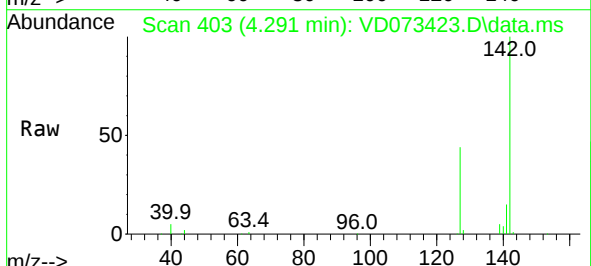


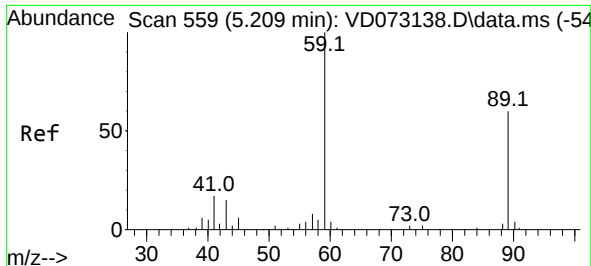
Tgt Ion:101 Resp: 202099
Ion Ratio Lower Upper
101 100
85 42.6 36.4 54.6
151 75.2 57.3 85.9



#10
Methyl Iodide
Concen: 46.364 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion:142 Resp: 204824
Ion Ratio Lower Upper
142 100
127 45.0 37.3 55.9
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 105.629 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.011 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

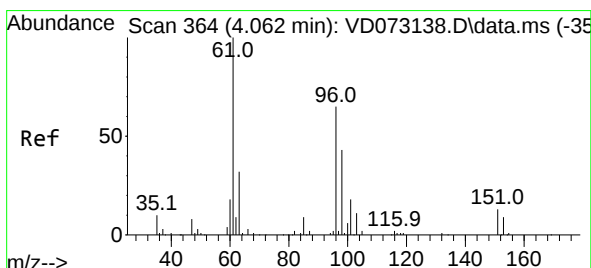
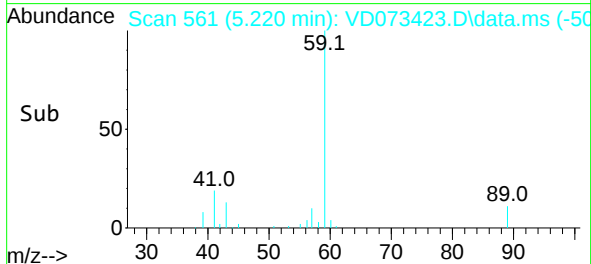
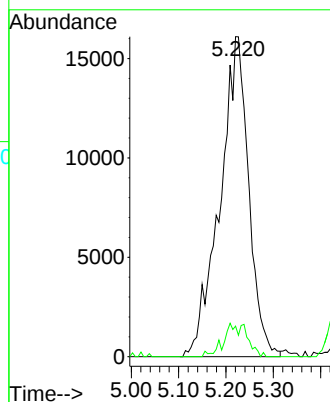
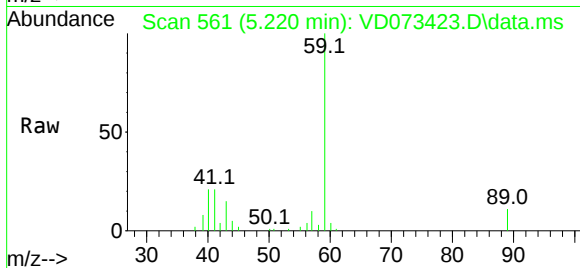
ClientSampleId :

Tgt Ion: 59 Resp: 68034

Ion Ratio Lower Upper

59 100

57 5.2 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 49.196 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

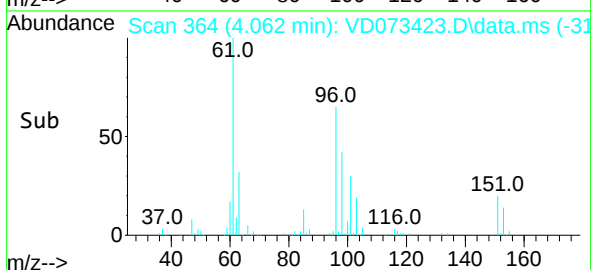
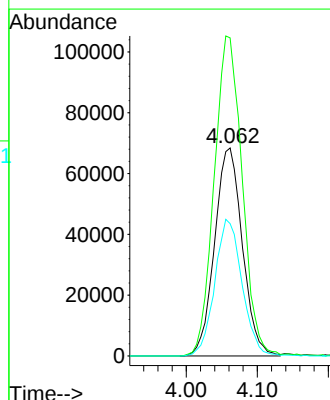
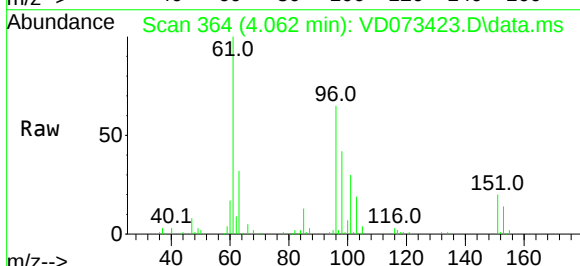
Tgt Ion: 96 Resp: 185719

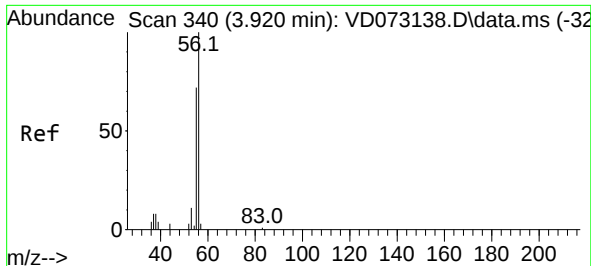
Ion Ratio Lower Upper

96 100

61 152.9 138.5 207.7

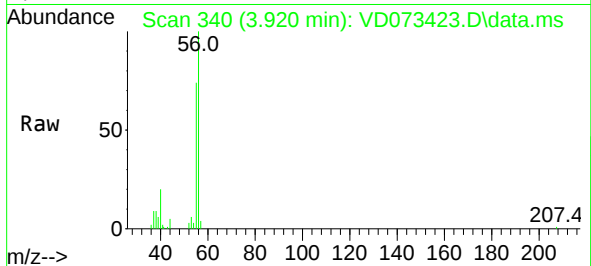
98 63.6 48.6 73.0



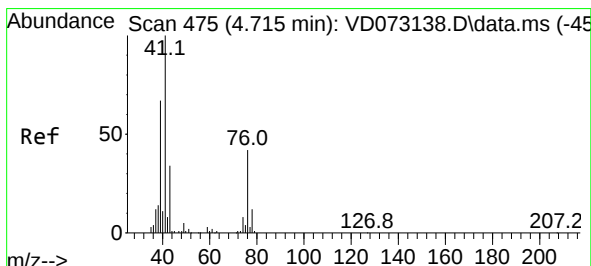
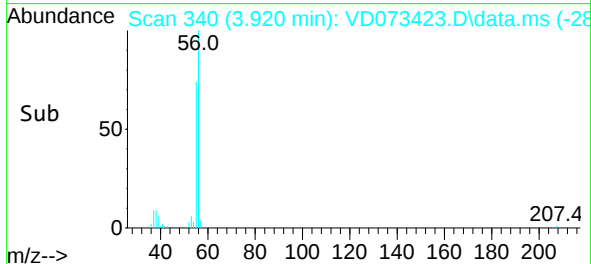
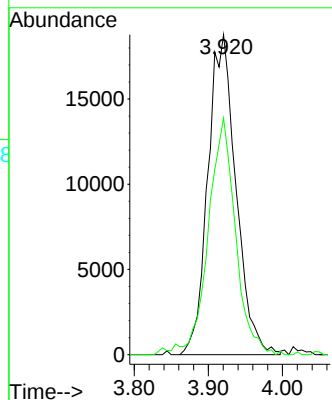


#13
Acrolein
Concen: 190.381 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

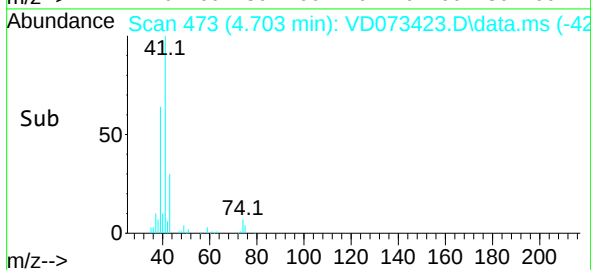
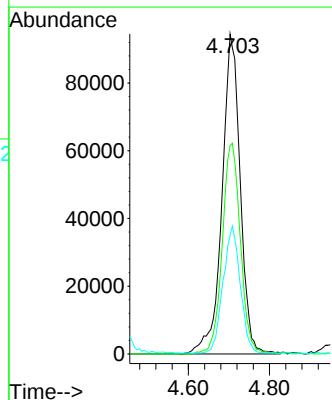
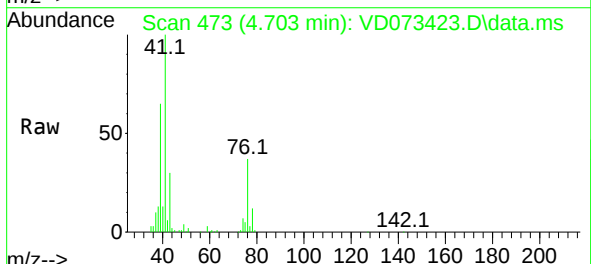


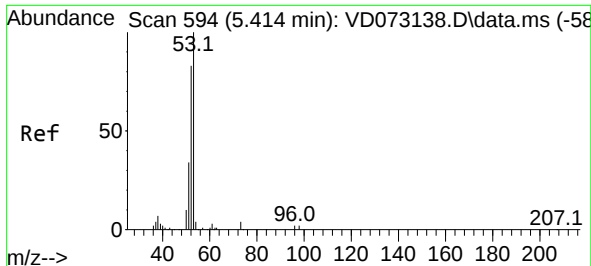
Tgt Ion: 56 Resp: 49501
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7



#14
Allyl chloride
Concen: 48.495 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

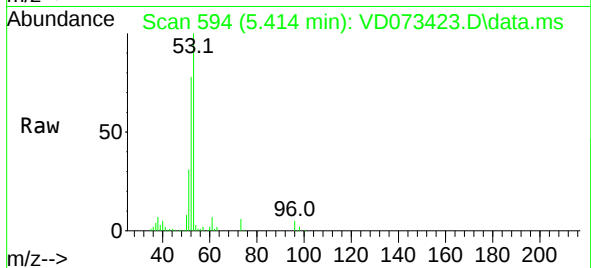
Tgt Ion: 41 Resp: 295508
Ion Ratio Lower Upper
41 100
39 65.5 59.3 88.9
76 37.6 25.7 38.5



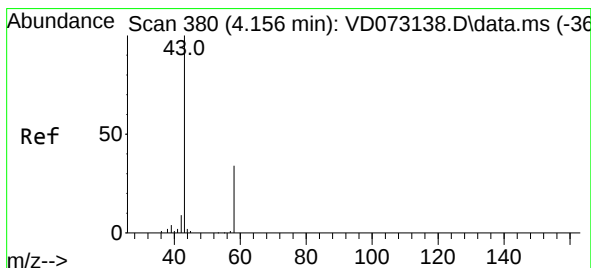
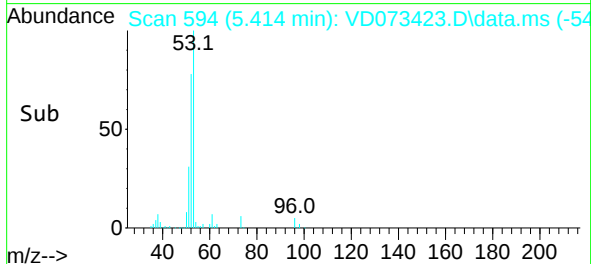
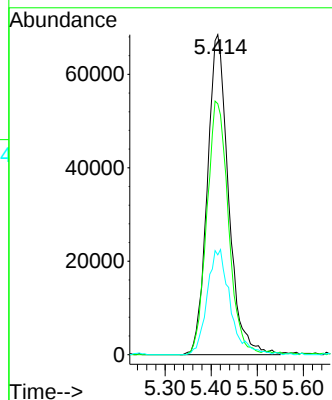


#15
Acrylonitrile
Concen: 253.984 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

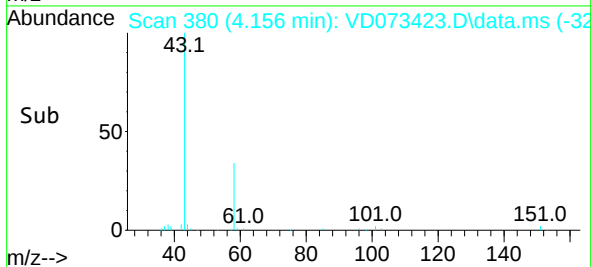
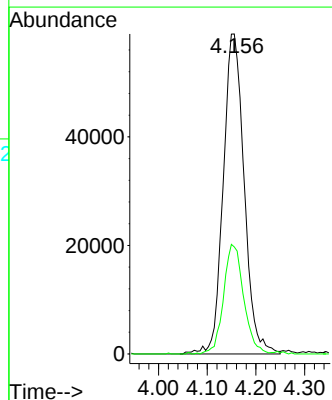
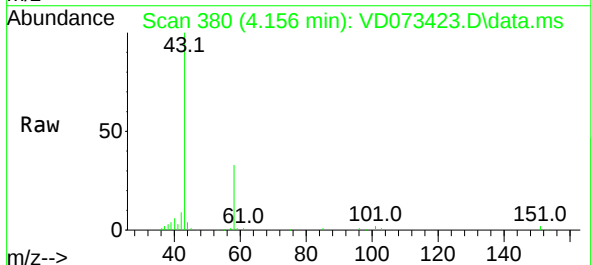


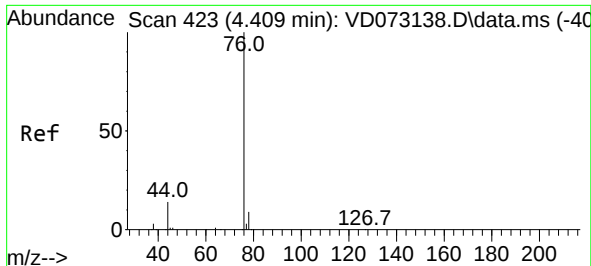
Tgt Ion: 53 Resp: 219011
Ion Ratio Lower Upper
53 100
52 80.6 67.2 100.8
51 35.7 30.3 45.5



#16
Acetone
Concen: 244.985 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 43 Resp: 176159
Ion Ratio Lower Upper
43 100
58 33.5 22.1 33.1#

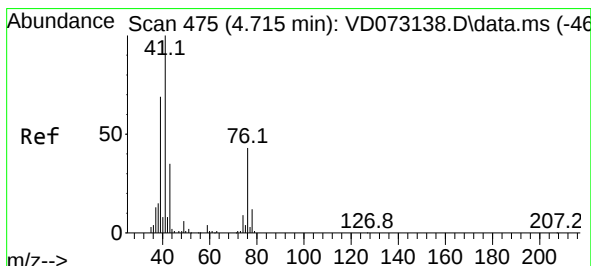
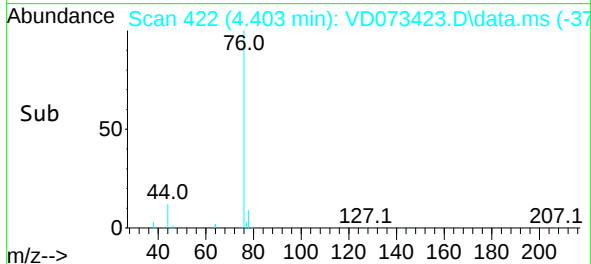
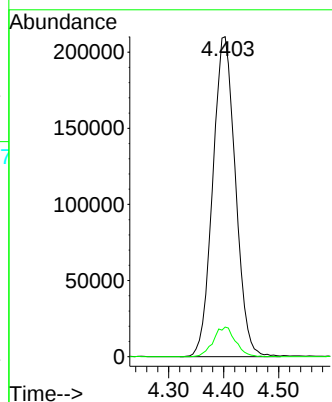
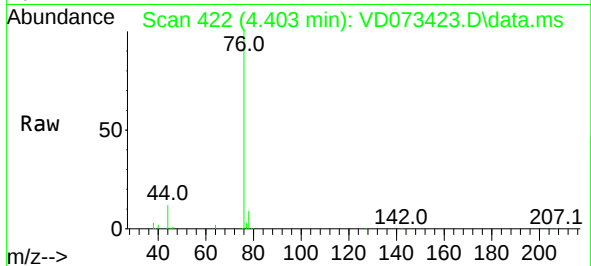




#17
Carbon Disulfide
Concen: 48.241 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

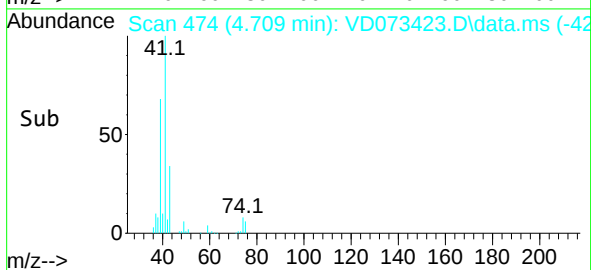
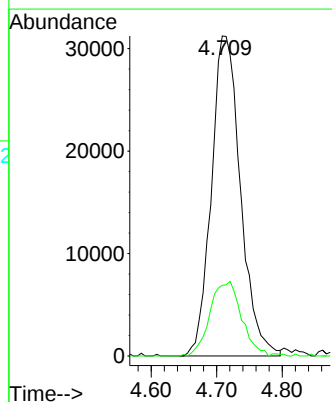
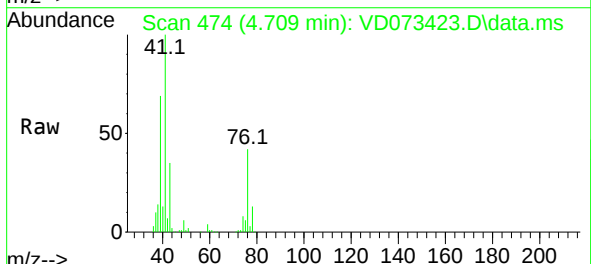
Instrument :
MSVOA_D
ClientSampleId :

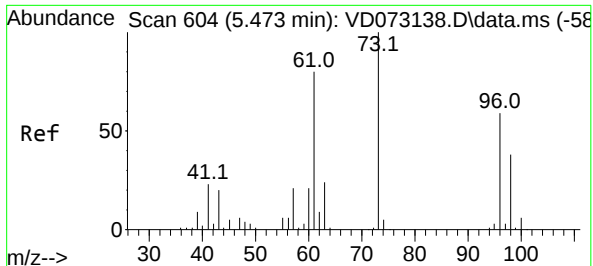
Tgt Ion: 76 Resp: 603717
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 48.148 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 43 Resp: 96271
Ion Ratio Lower Upper
43 100
74 25.2 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 49.952 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

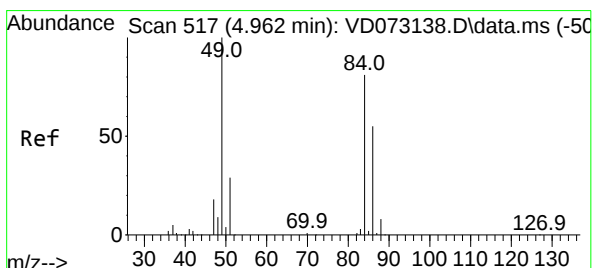
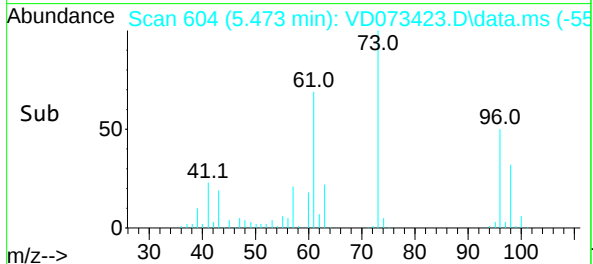
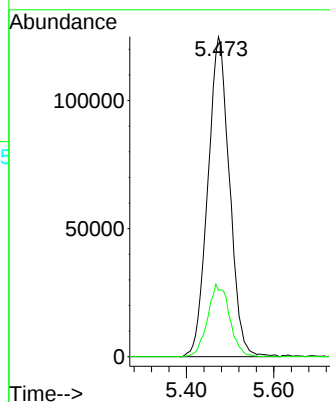
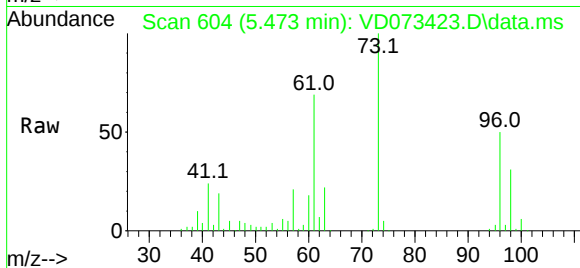
ClientSampleId :

Tgt Ion: 73 Resp: 429594

Ion Ratio Lower Upper

73 100

57 20.8 18.0 27.0



#20

Methylene Chloride

Concen: 52.063 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Tgt Ion: 84 Resp: 236703

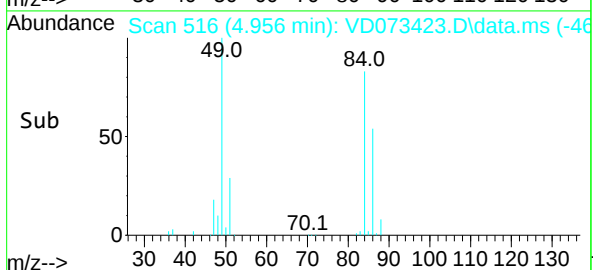
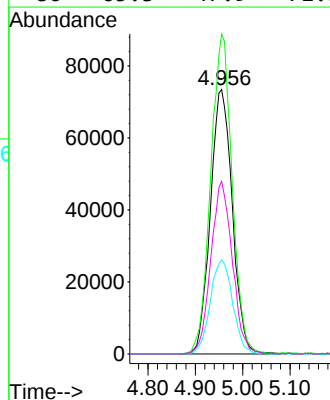
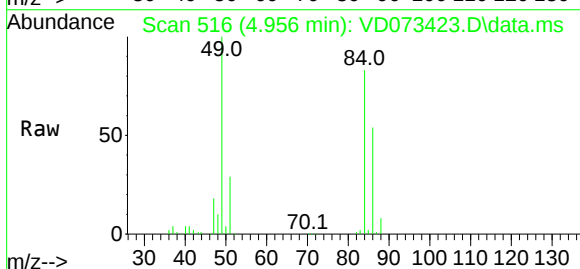
Ion Ratio Lower Upper

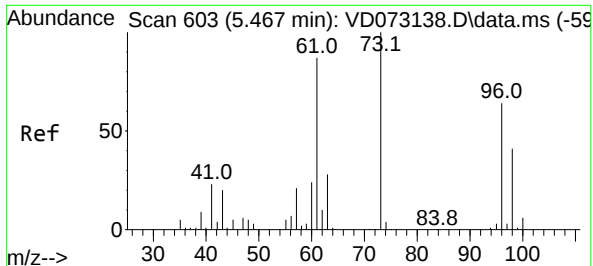
84 100

49 121.0 112.8 169.2

51 35.6 32.6 48.8

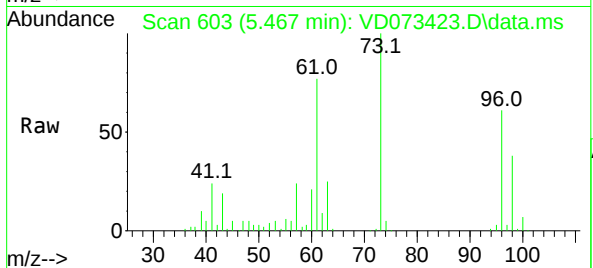
86 65.3 47.9 71.9





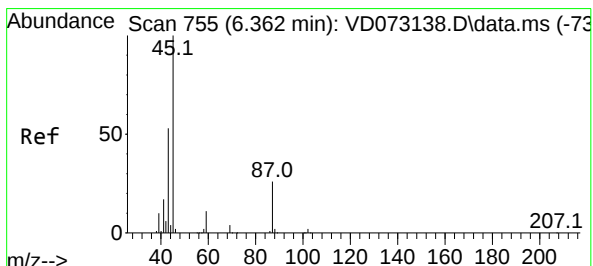
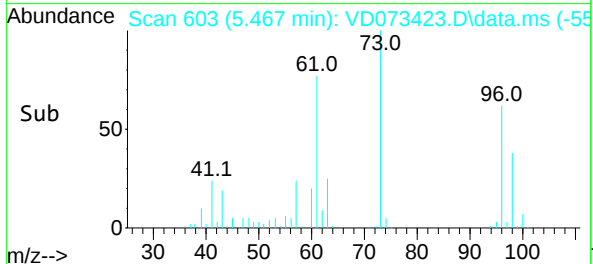
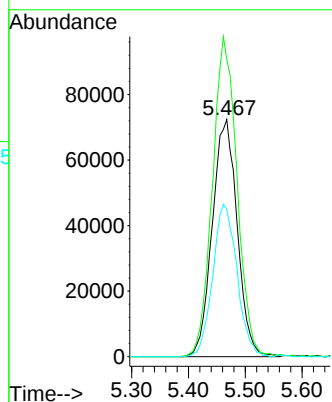
#21
trans-1,2-Dichloroethene
Concen: 48.278 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 220363

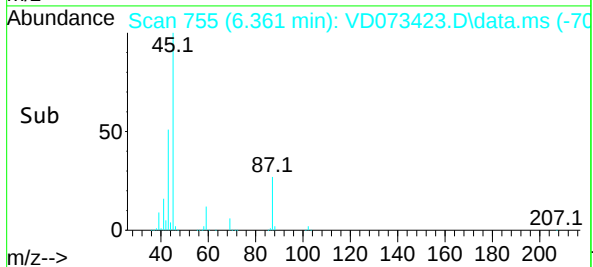
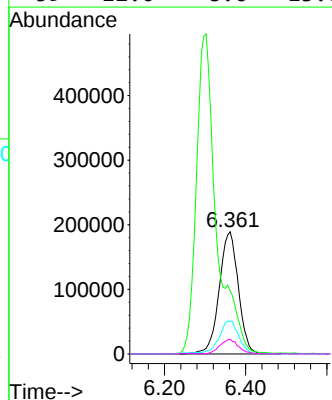
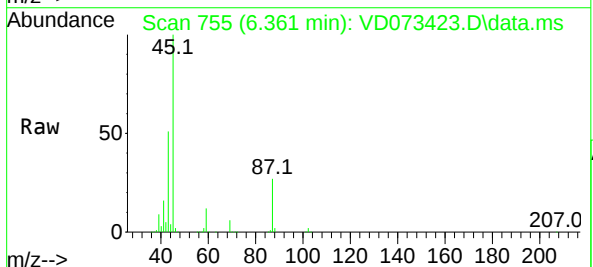
Ion	Ratio	Lower	Upper
96	100		
61	125.4	117.9	176.9
98	62.3	49.4	74.2



#22
Diisopropyl ether
Concen: 48.592 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 45 Resp: 620718

Ion	Ratio	Lower	Upper
45	100		
43	50.5	46.6	70.0
87	26.9	18.4	27.6
59	12.0	8.6	13.0

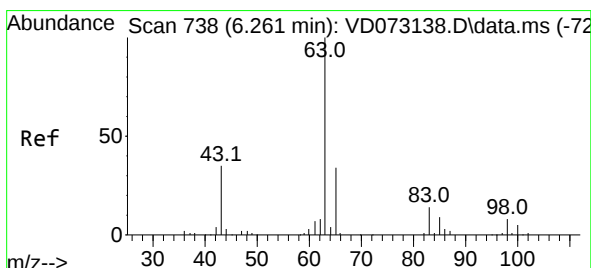
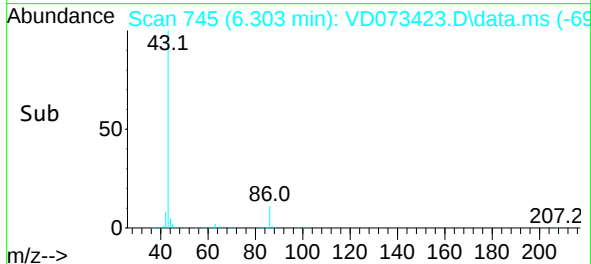
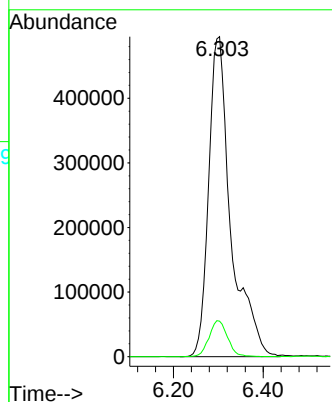
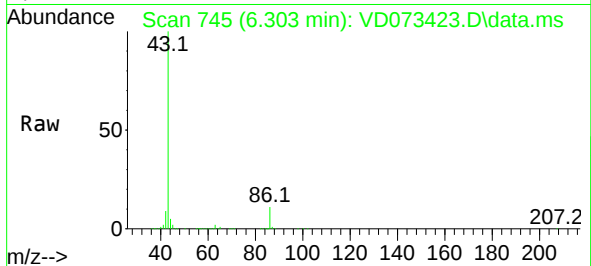




#23
 Vinyl Acetate
 Concen: 249.816 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

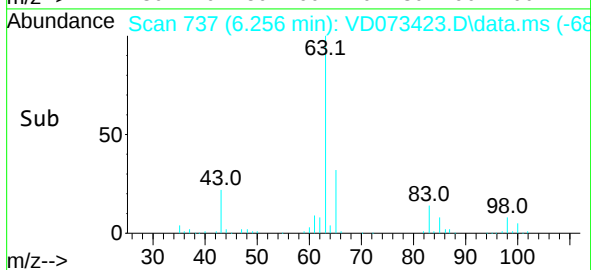
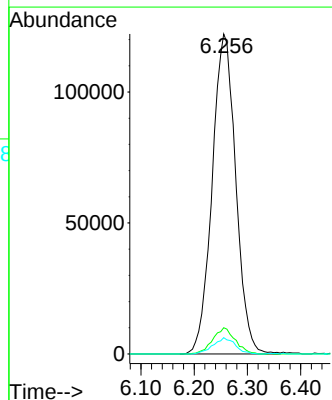
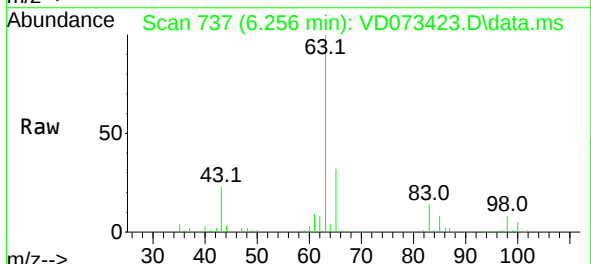
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 1702159
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 45.871 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

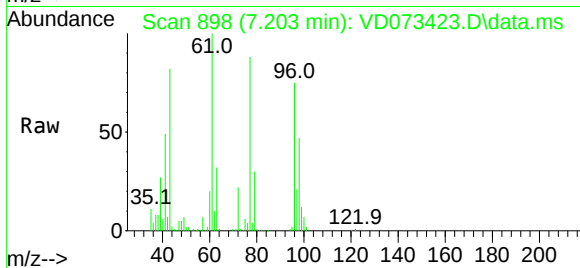
Tgt Ion: 63 Resp: 376116
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.6 10.9
 100 5.1 2.1 6.5



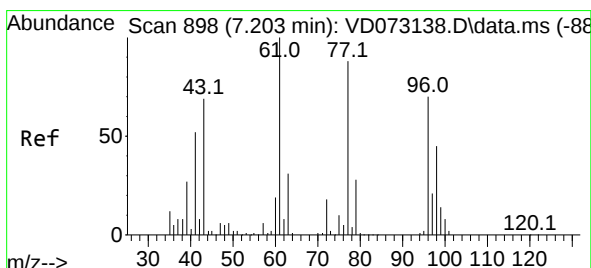
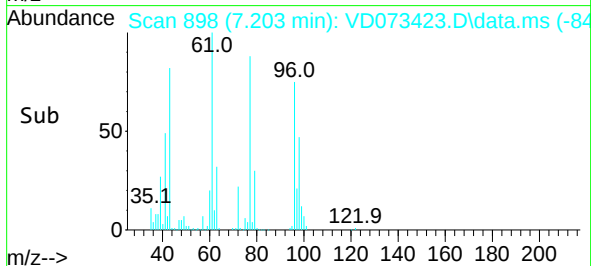
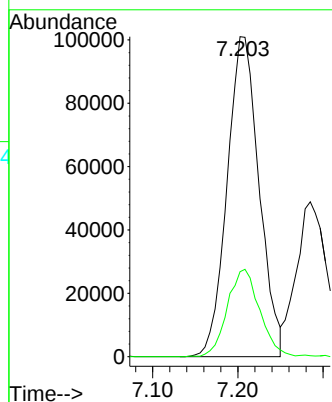


#25
2-Butanone
Concen: 250.578 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

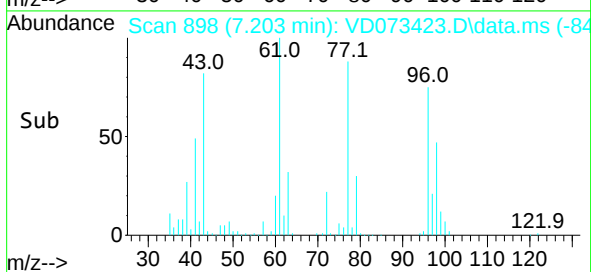
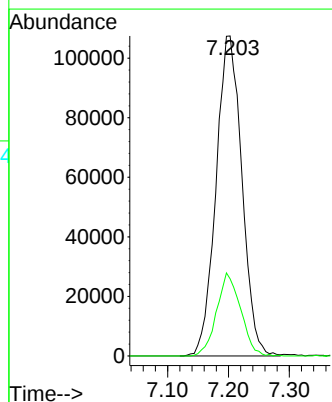
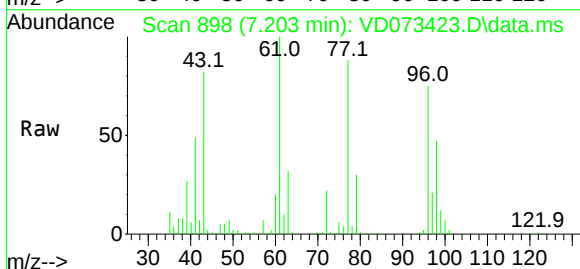


Tgt Ion: 43 Resp: 263611
Ion Ratio Lower Upper
43 100
72 26.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 45.344 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

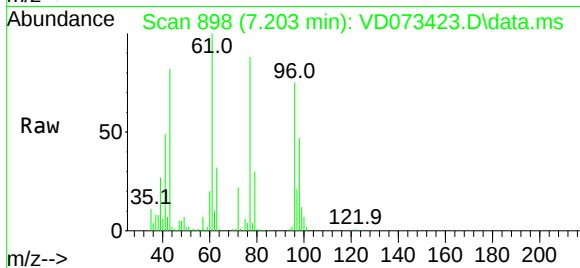
Tgt Ion: 77 Resp: 317067
Ion Ratio Lower Upper
77 100
97 24.1 10.8 32.4





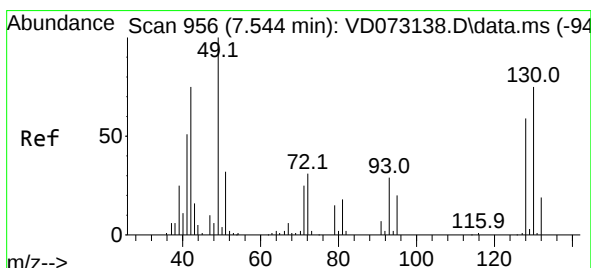
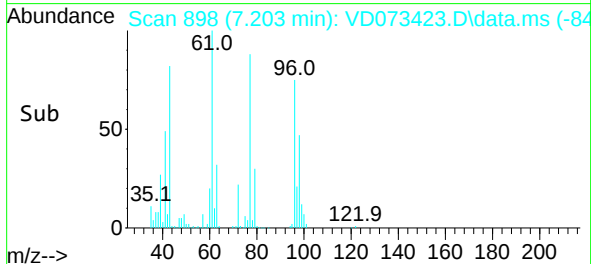
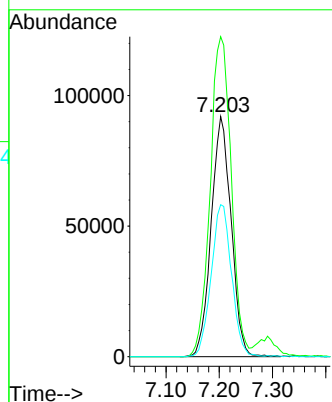
#27
 cis-1,2-Dichloroethene
 Concen: 47.415 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 239472

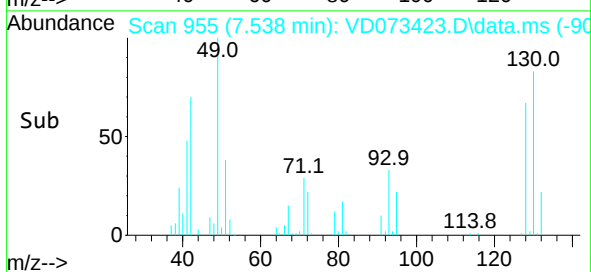
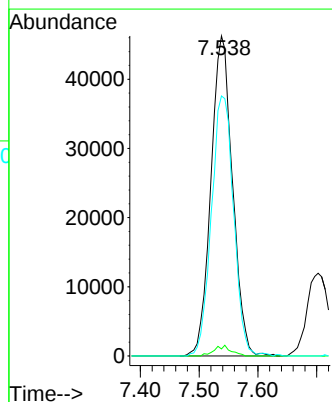
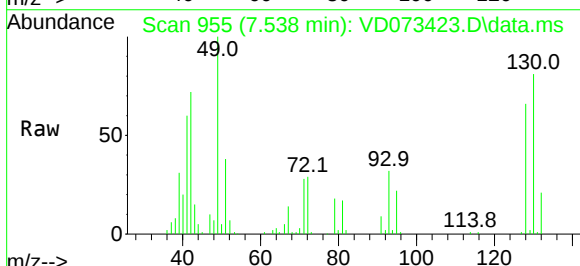
Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	313.8
98	64.5	0.0	128.8

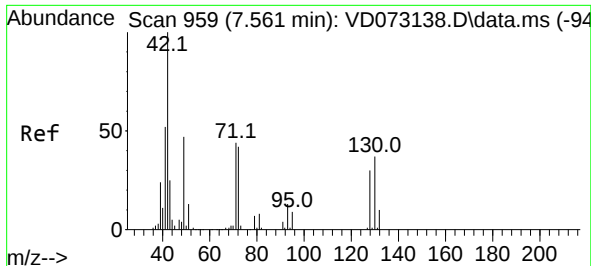


#28
 Bromochloromethane
 Concen: 41.677 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

Tgt Ion: 49 Resp: 117730

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.0
130	83.4	52.6	79.0





#29

Tetrahydrofuran

Concen: 259.912 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

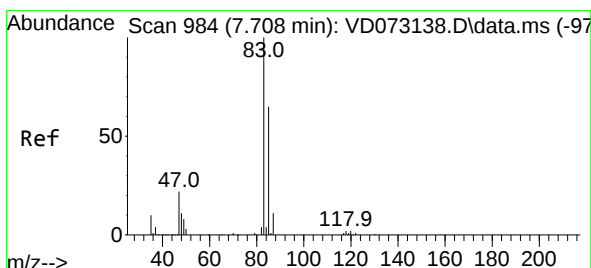
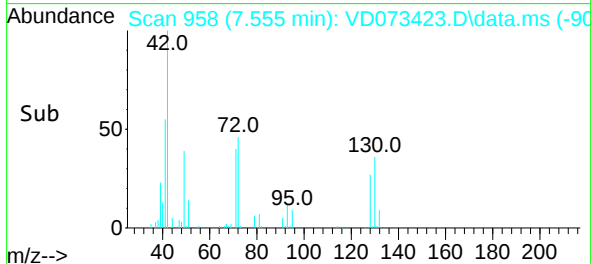
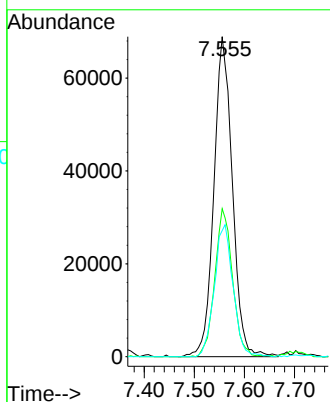
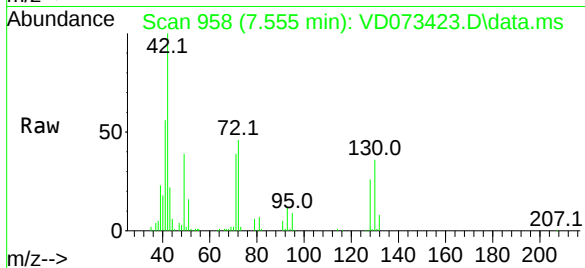
Tgt Ion: 42 Resp: 176805

Ion Ratio Lower Upper

42 100

72 44.3 30.7 46.1

71 41.7 28.6 43.0



#30

Chloroform

Concen: 44.892 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073423.D

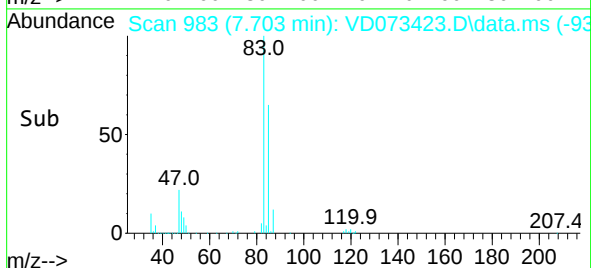
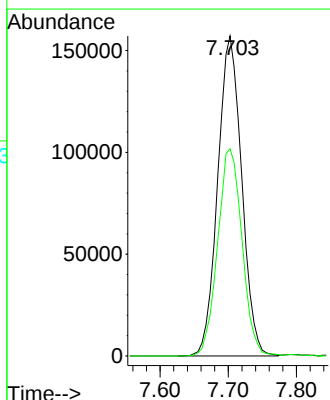
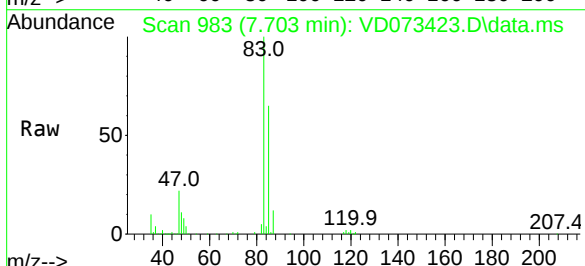
Acq: 31 May 2022 14:13

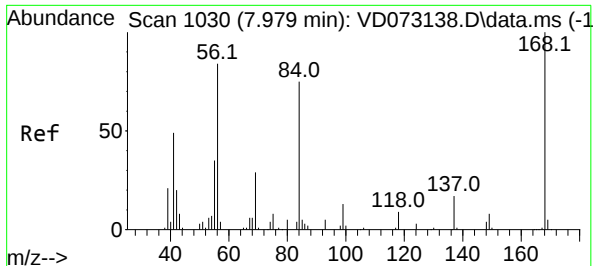
Tgt Ion: 83 Resp: 384281

Ion Ratio Lower Upper

83 100

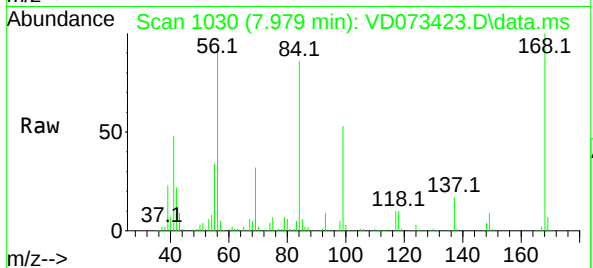
85 64.7 52.7 79.1



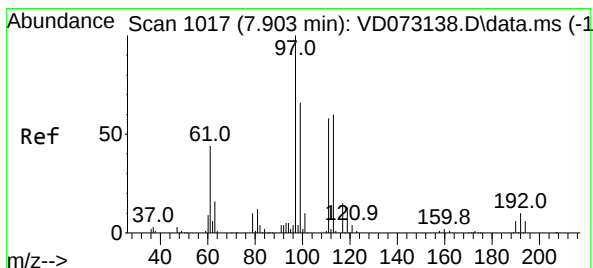
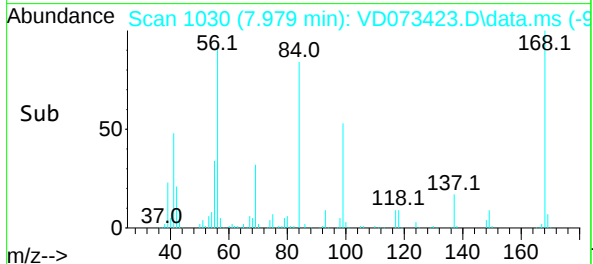
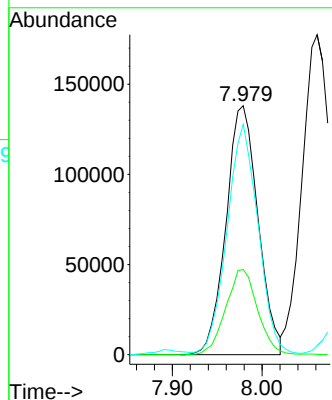


#31
Cyclohexane
Concen: 47.151 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

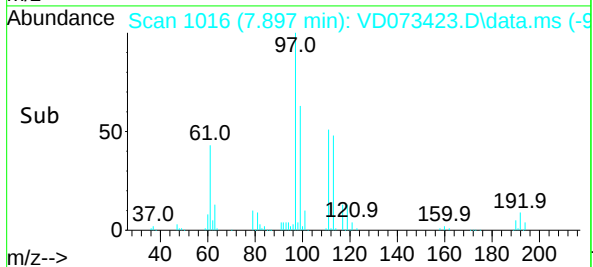
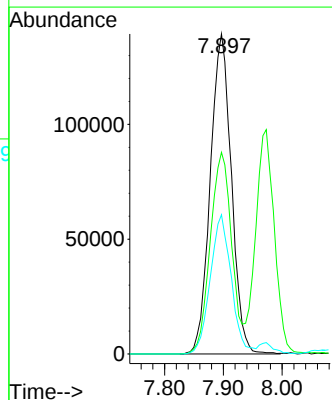
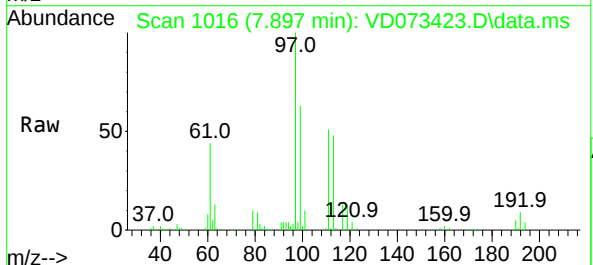


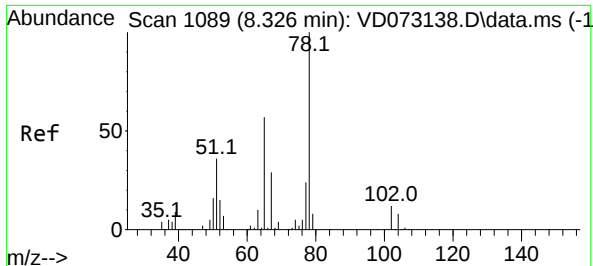
Tgt Ion: 56 Resp: 342061
Ion Ratio Lower Upper
56 100
69 34.2 25.4 38.2
84 91.3 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 46.359 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 97 Resp: 347078
Ion Ratio Lower Upper
97 100
99 63.6 52.4 78.6
61 43.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 46.522 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

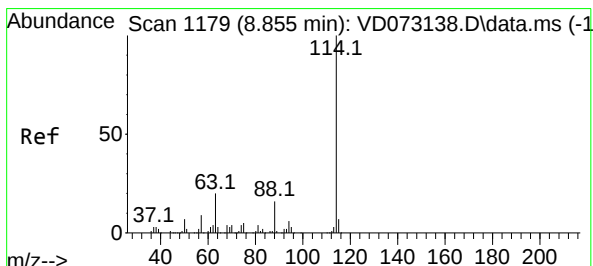
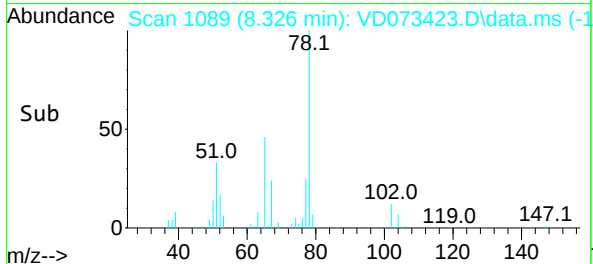
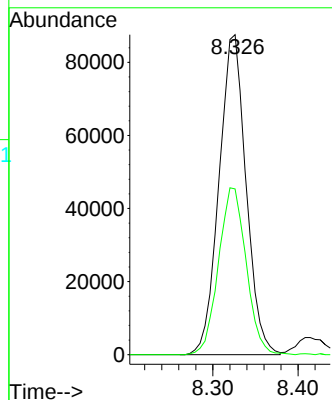
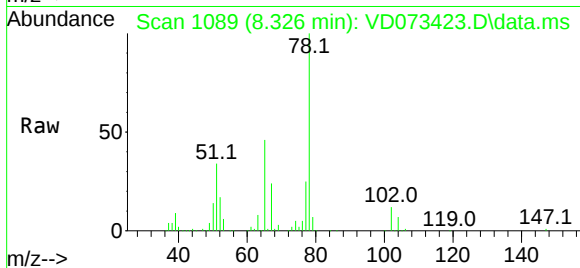
ClientSampleId :

Tgt Ion: 65 Resp: 193129

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

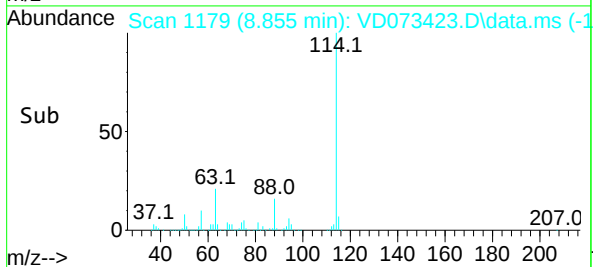
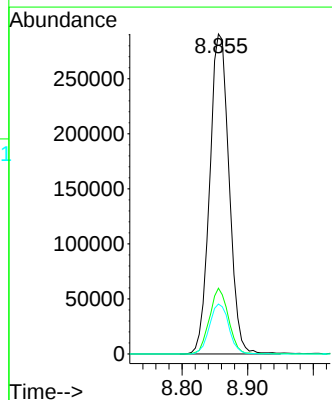
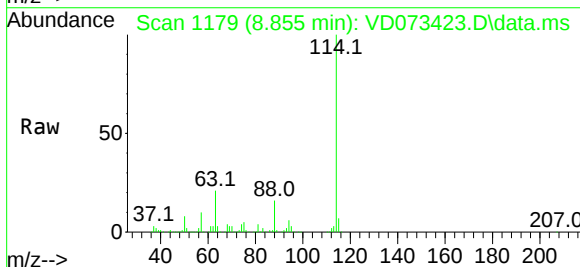
Tgt Ion: 114 Resp: 596314

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.764 ug/l

RT: 7.908 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

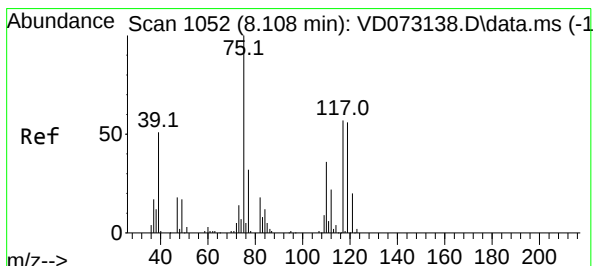
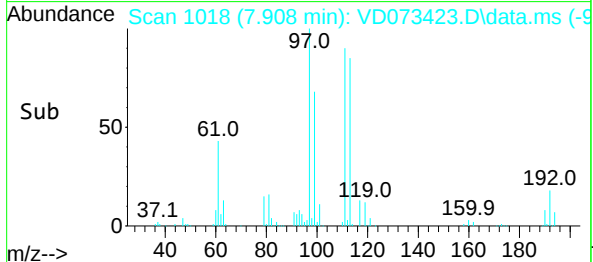
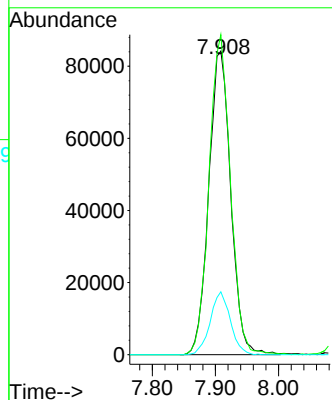
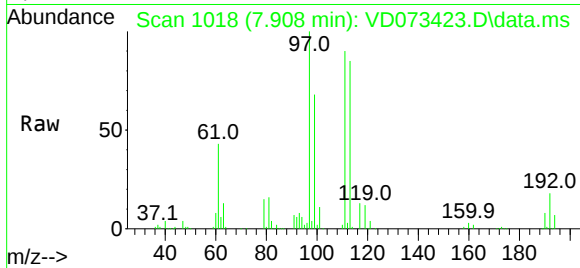
Tgt Ion:113 Resp: 203686

Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 19.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.718 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

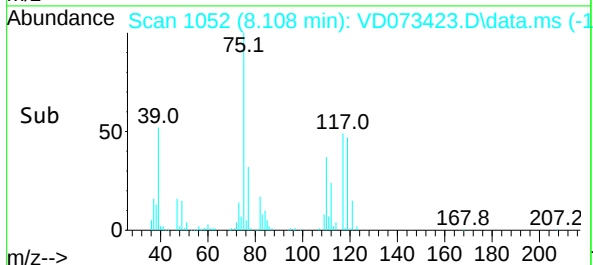
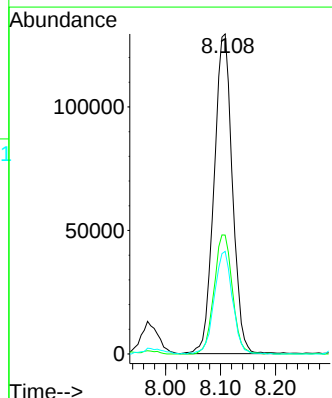
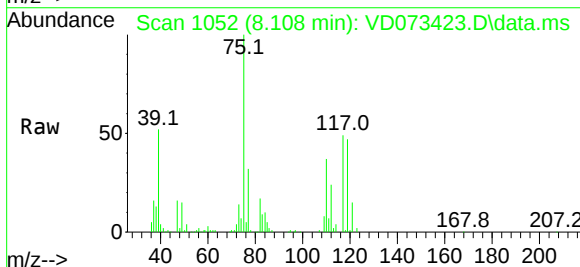
Tgt Ion: 75 Resp: 300146

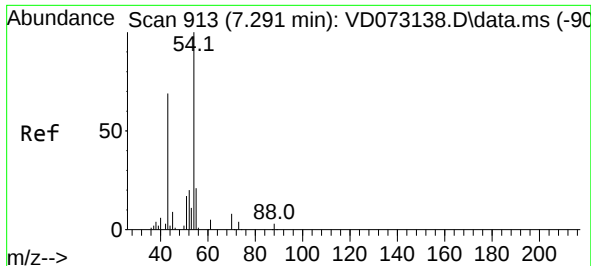
Ion Ratio Lower Upper

75 100

110 37.1 16.4 49.1

77 31.9 24.2 36.2





#37

Ethyl Acetate

Concen: 53.607 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

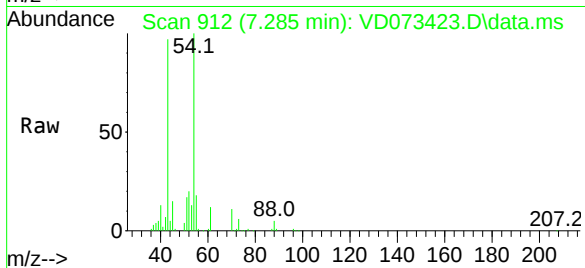
Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :



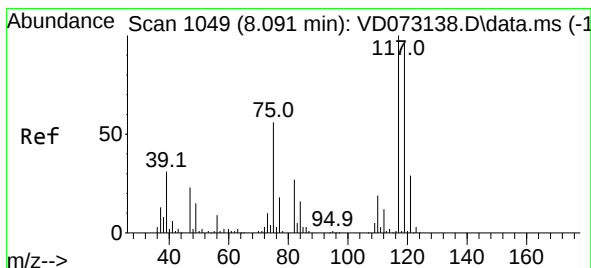
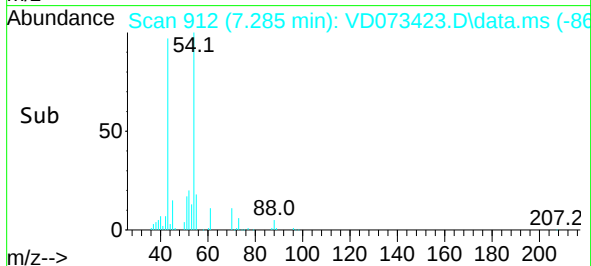
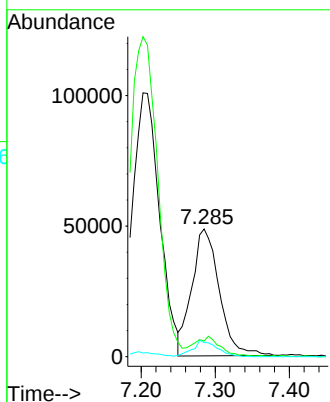
Tgt Ion: 43 Resp: 125310

Ion Ratio Lower Upper

43 100

61 14.3 9.8 14.8

70 11.2 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 50.926 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

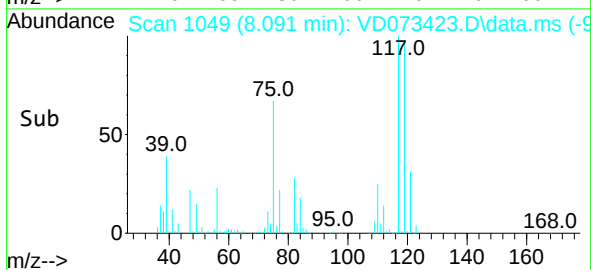
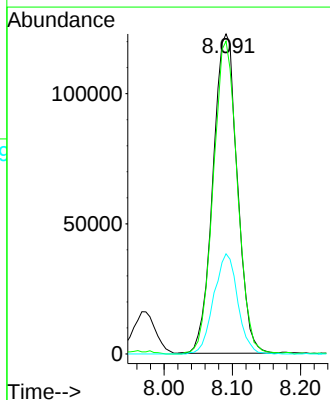
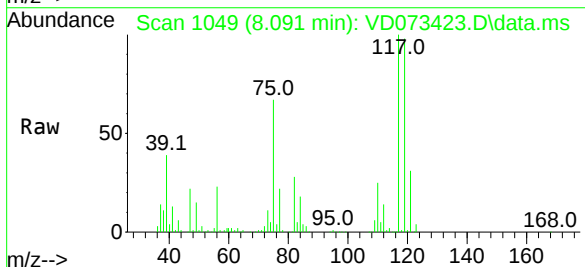
Tgt Ion: 117 Resp: 305498

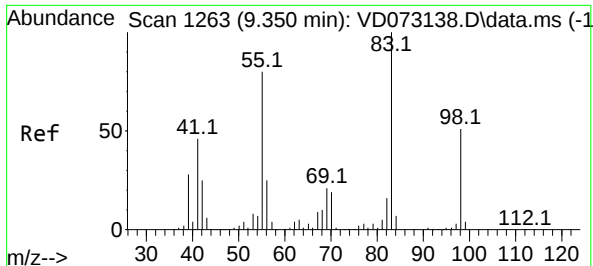
Ion Ratio Lower Upper

117 100

119 98.0 75.8 113.6

121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 55.540 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

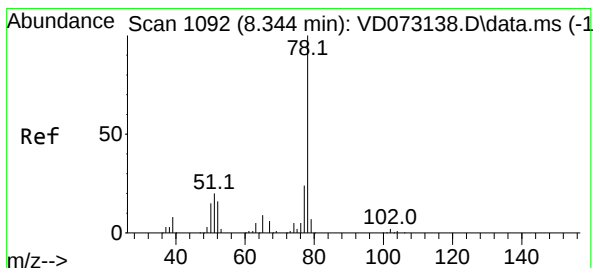
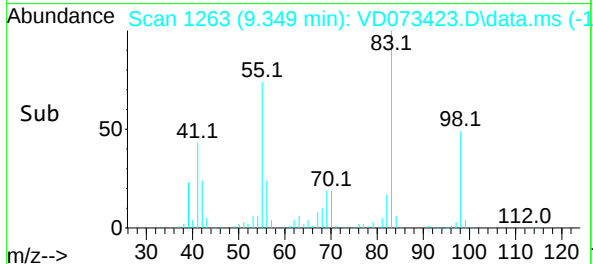
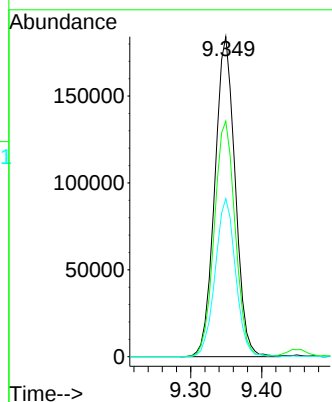
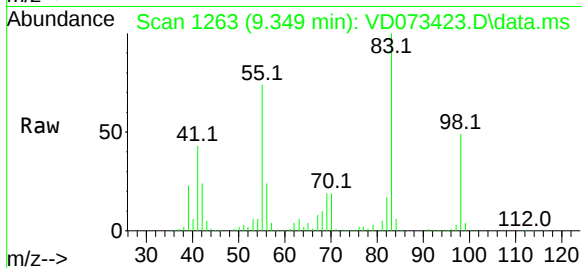
Tgt Ion: 83 Resp: 366306

Ion Ratio Lower Upper

83 100

55 73.6 63.2 94.8

98 49.4 38.2 57.4



#40

Benzene

Concen: 50.428 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073423.D

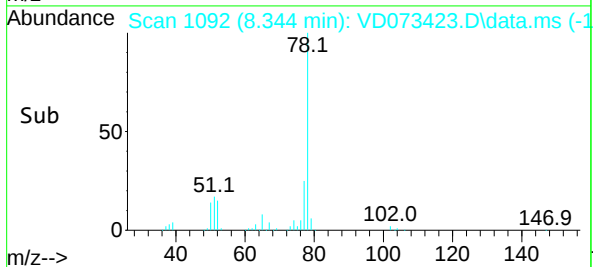
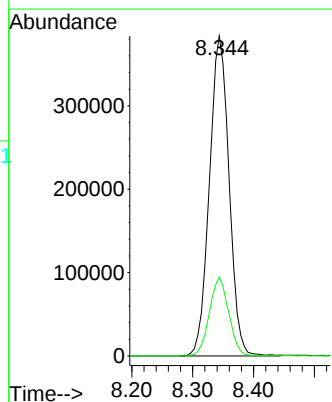
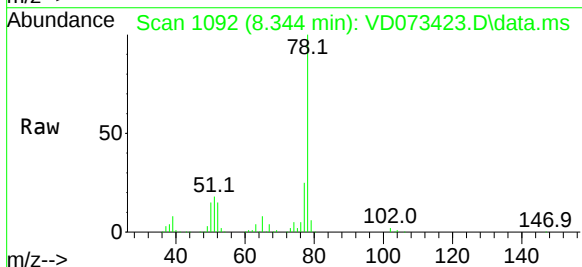
Acq: 31 May 2022 14:13

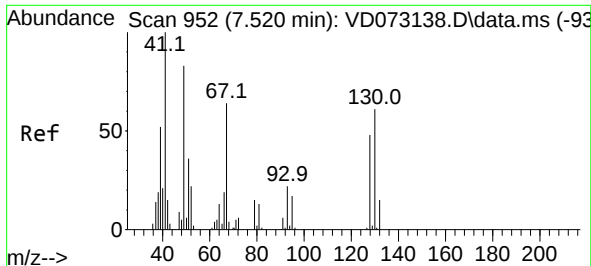
Tgt Ion: 78 Resp: 860078

Ion Ratio Lower Upper

78 100

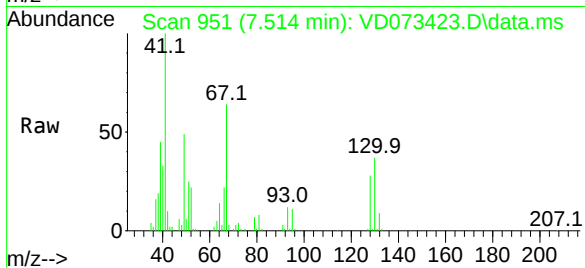
77 24.7 19.1 28.7



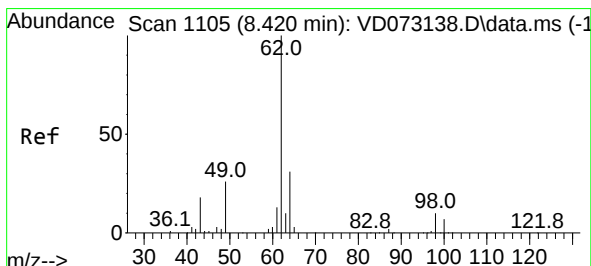
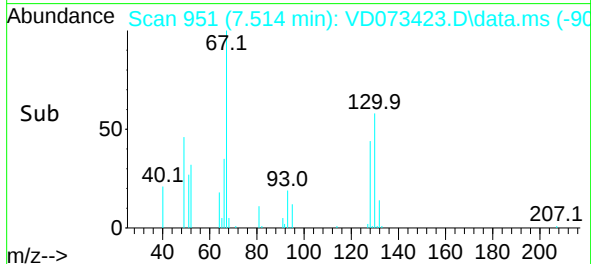
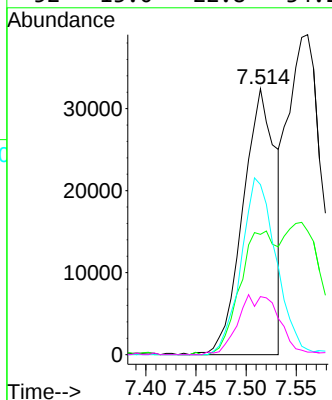


#41
Methacrylonitrile
Concen: 53.797 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

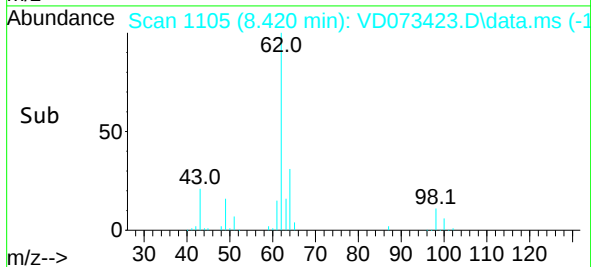
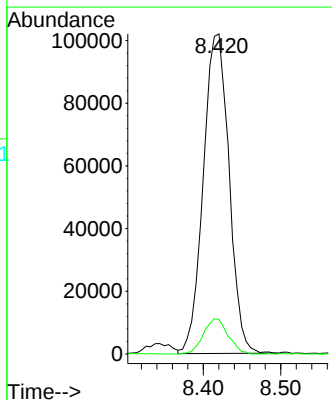
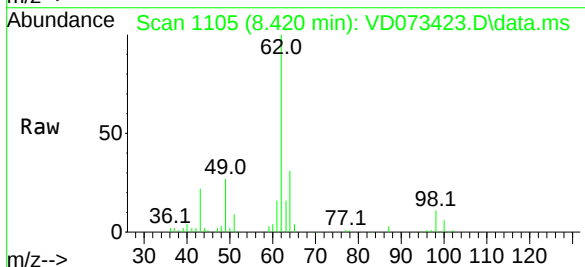


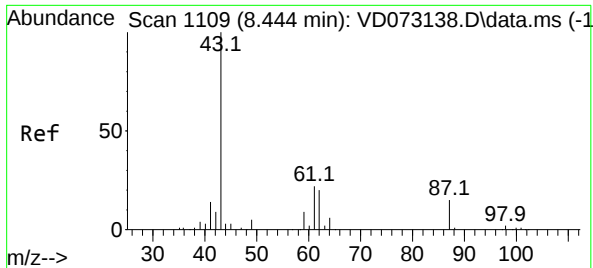
Tgt Ion: 41 Resp: 73268
Ion Ratio Lower Upper
41 100
39 52.5 44.6 67.0
67 72.0 48.2 72.4
52 13.0 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 49.610 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 62 Resp: 235435
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.6

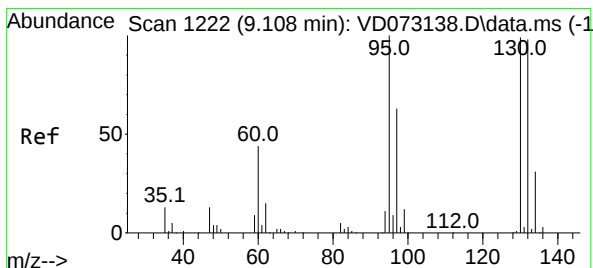
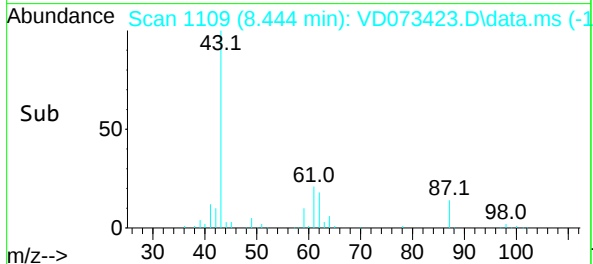
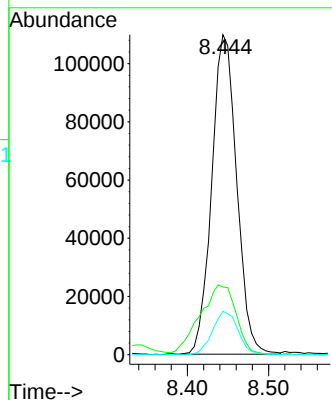
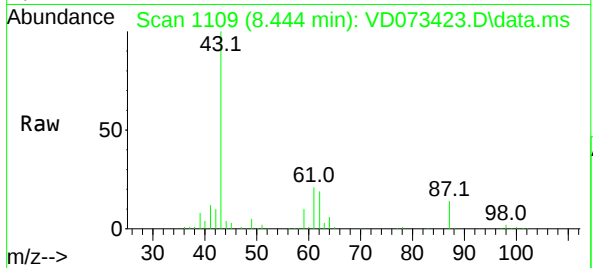




#43
Isopropyl Acetate
Concen: 54.293 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

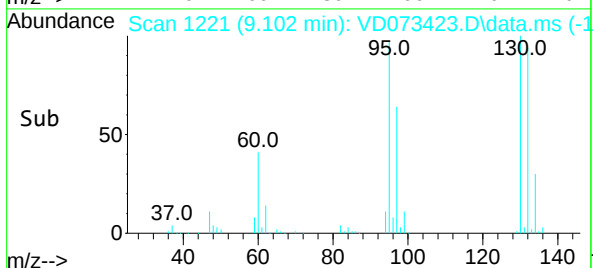
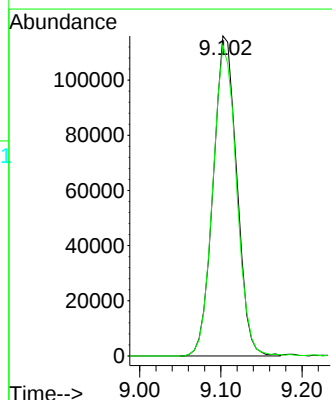
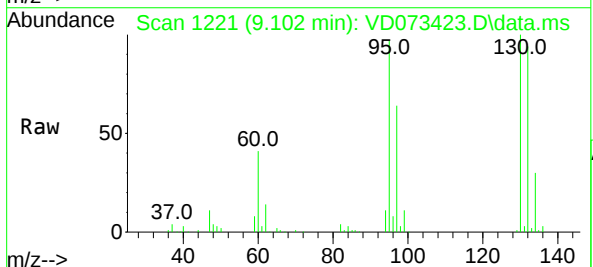
Instrument :
MSVOA_D
ClientSampleId :

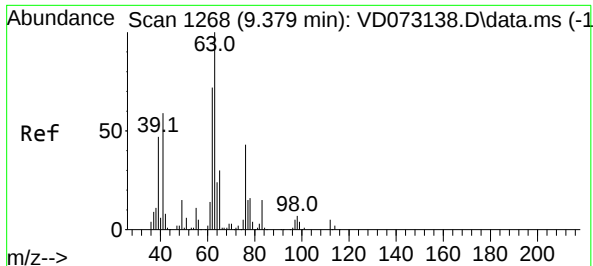
Tgt Ion: 43 Resp: 234582
Ion Ratio Lower Upper
43 100
61 31.7 22.4 33.6
87 13.9 8.7 13.1#



#44
Trichloroethene
Concen: 51.599 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion:130 Resp: 234680
Ion Ratio Lower Upper
130 100
95 97.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.607 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

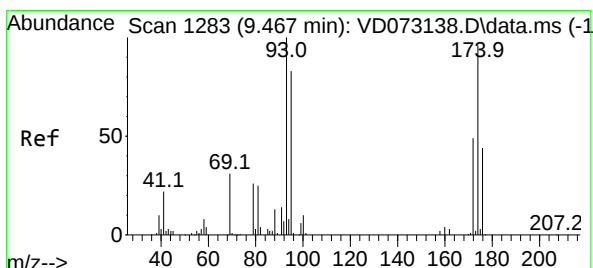
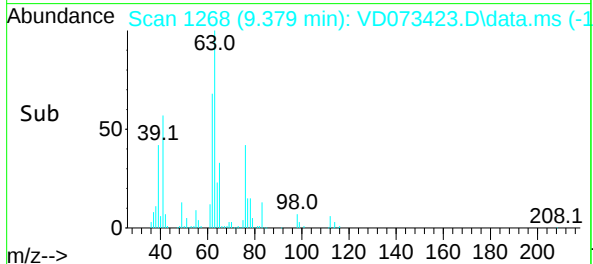
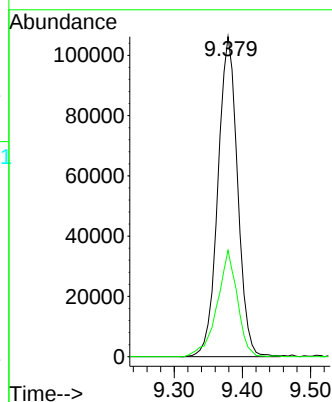
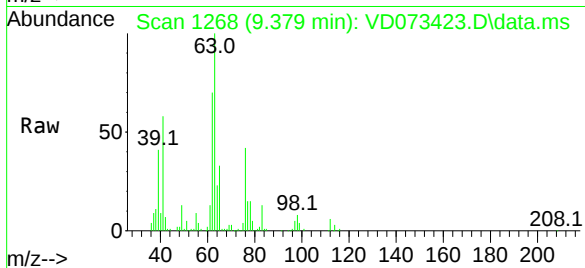
ClientSampleId :

Tgt Ion: 63 Resp: 213078

Ion Ratio Lower Upper

63 100

65 33.2 26.2 39.4



#46

Dibromomethane

Concen: 49.321 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

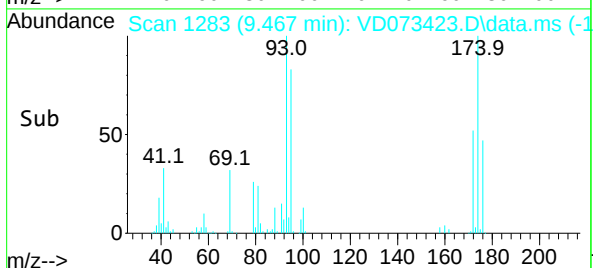
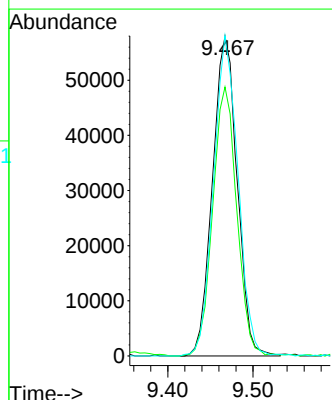
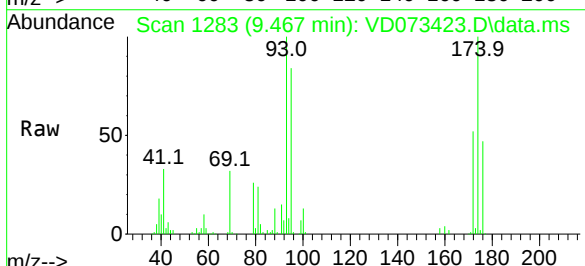
Tgt Ion: 93 Resp: 116351

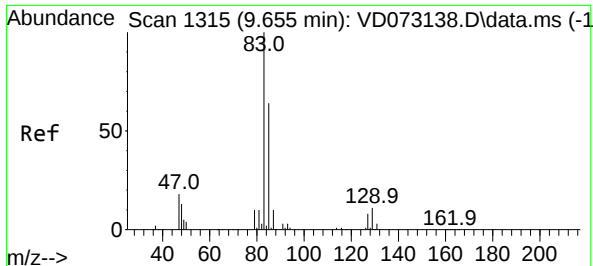
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

174 99.2 71.6 107.4

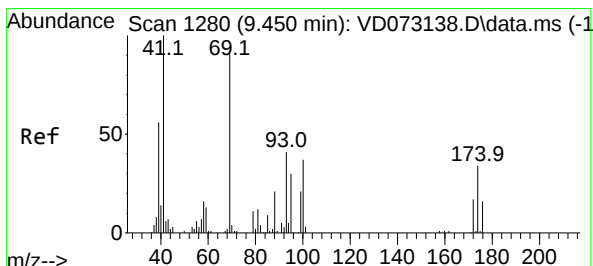
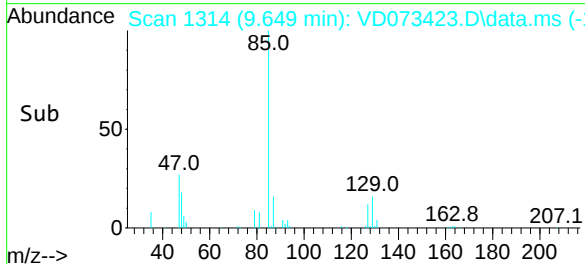
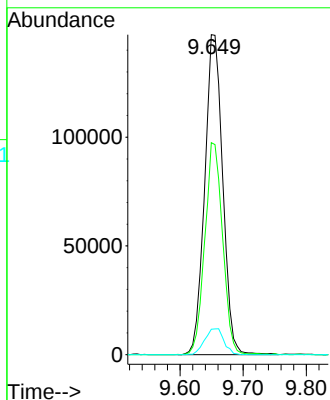
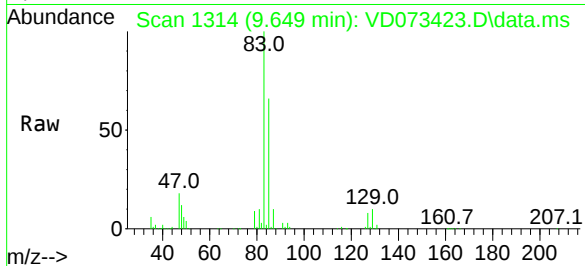




#47
Bromodichloromethane
Concen: 48.439 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

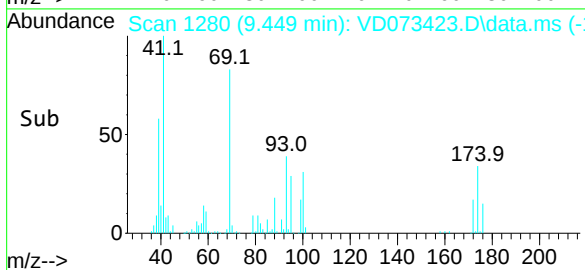
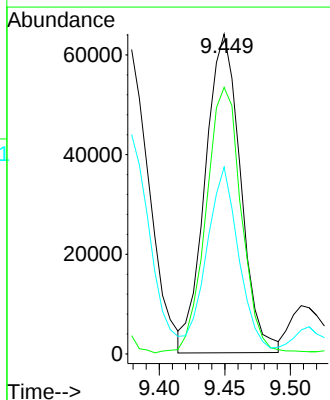
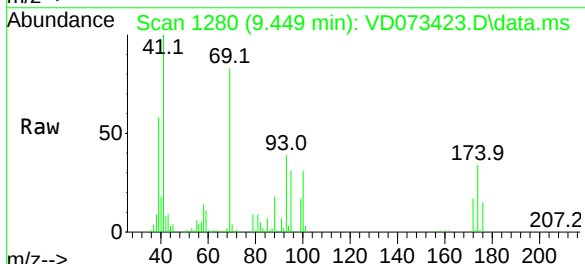
Instrument :
MSVOA_D
ClientSampleId :

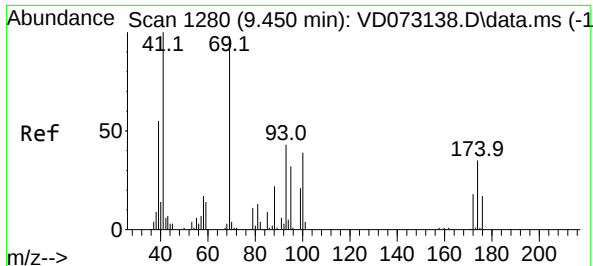
Tgt Ion: 83 Resp: 292383
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.0
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 55.209 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 41 Resp: 120013
Ion Ratio Lower Upper
41 100
69 83.0 56.7 85.1
39 50.3 42.7 64.1





#49

1,4-Dioxane

Concen: 1132.095 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.005 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

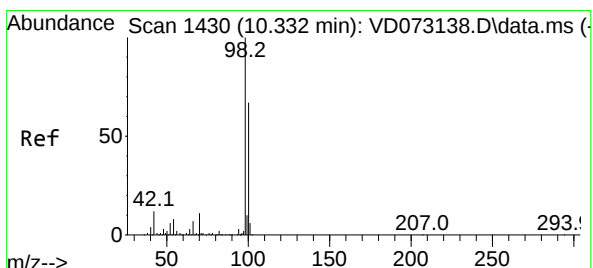
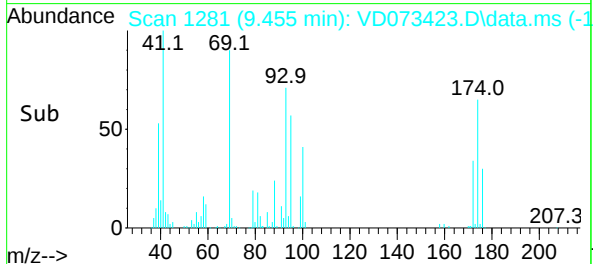
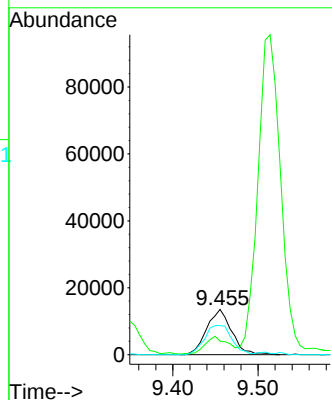
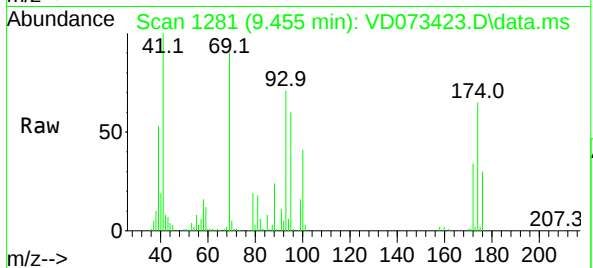
Tgt Ion: 88 Resp: 27580

Ion Ratio Lower Upper

88 100

43 35.3 31.0 46.4

58 70.8 58.1 87.1



#50

Toluene-d8

Concen: 52.431 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073423.D

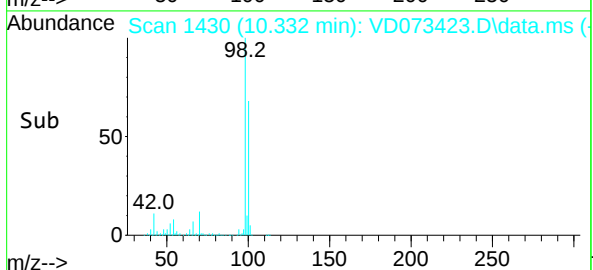
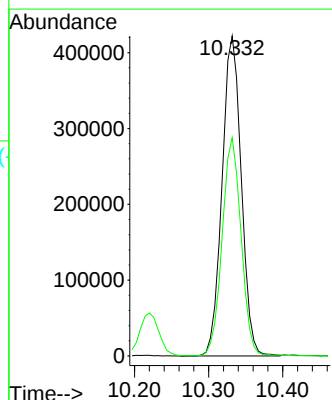
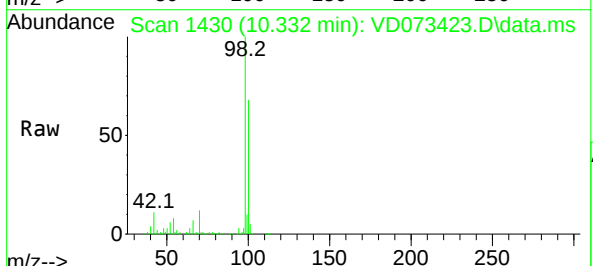
Acq: 31 May 2022 14:13

Tgt Ion: 98 Resp: 760505

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6

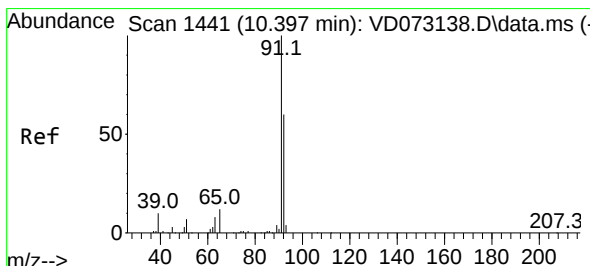
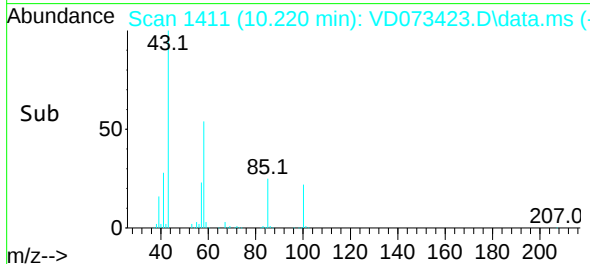
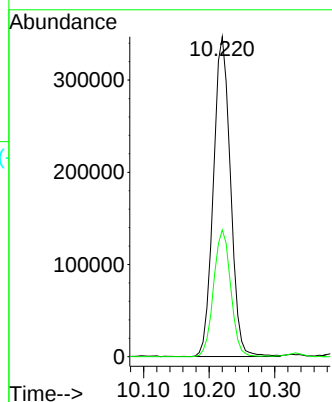
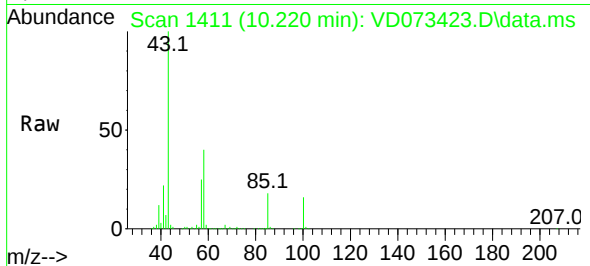




#51
4-Methyl-2-Pentanone
Concen: 279.541 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

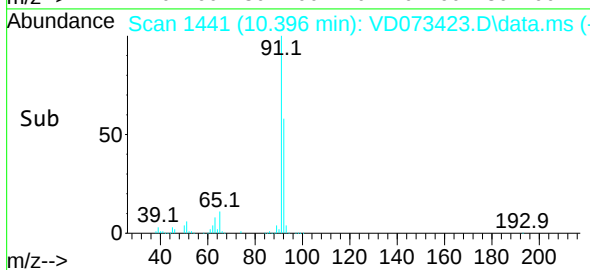
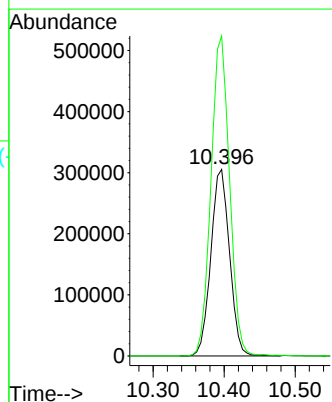
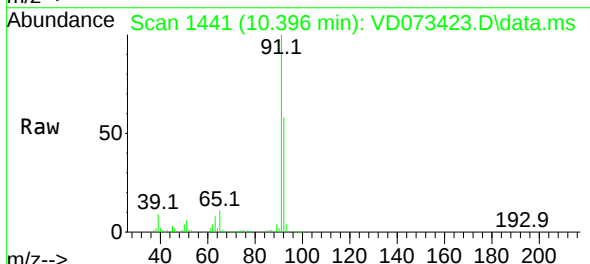
Instrument :
MSVOA_D
ClientSampleId :

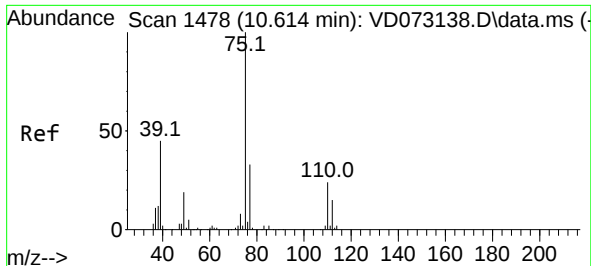
Tgt Ion: 43 Resp: 627311
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 51.760 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

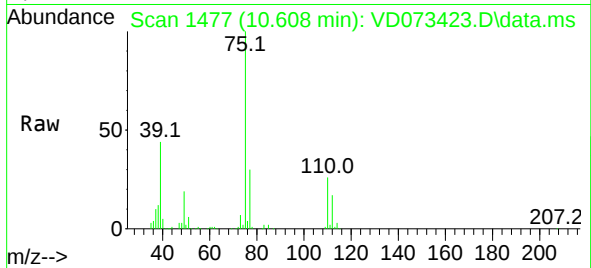
Tgt Ion: 92 Resp: 557857
Ion Ratio Lower Upper
92 100
91 170.8 139.6 209.4



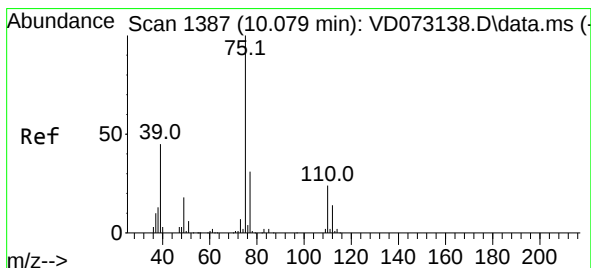
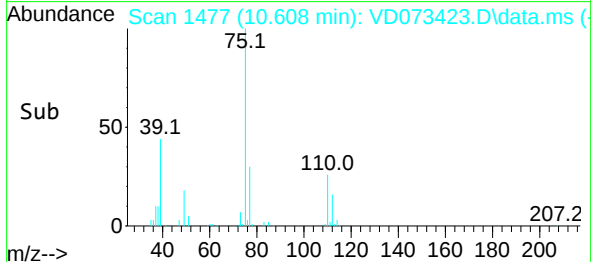
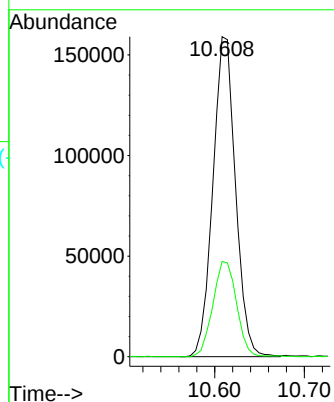


#53
t-1,3-Dichloropropene
Concen: 51.004 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

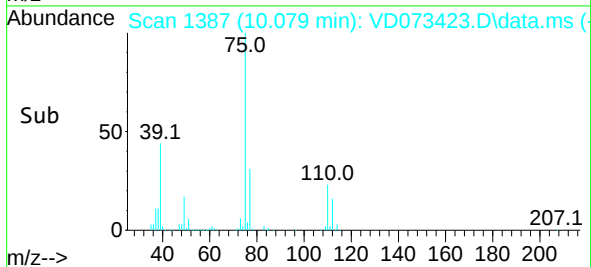
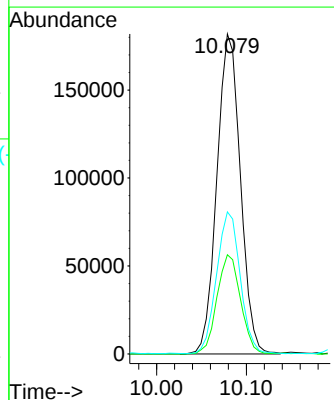
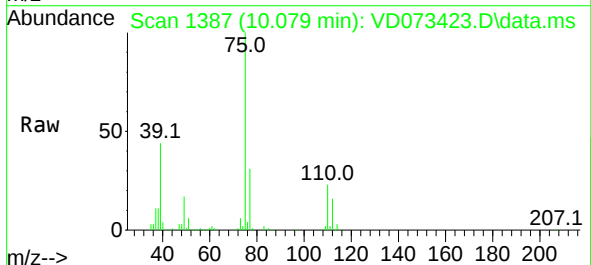


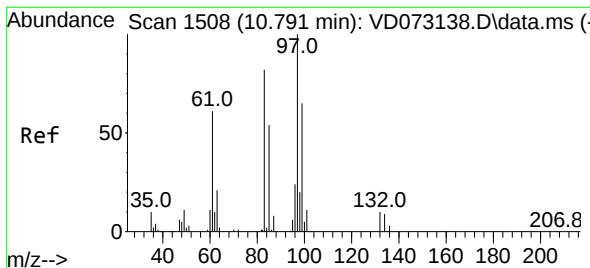
Tgt Ion: 75 Resp: 278129
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 50.721 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 75 Resp: 330987
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 44.2 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 51.005 ug/l

RT: 10.785 min Scan# 1507

Delta R.T. -0.006 min

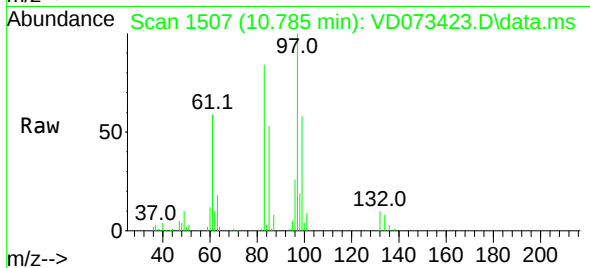
Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 162710

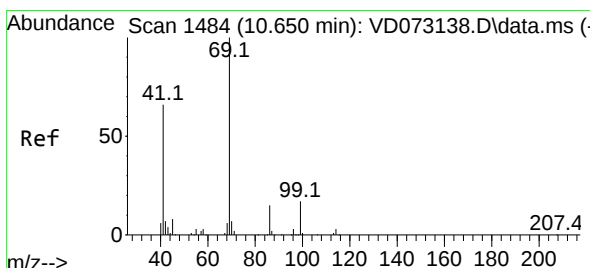
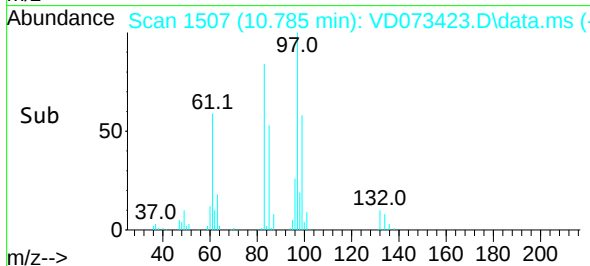
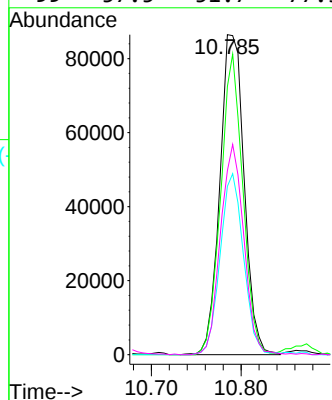
Ion Ratio Lower Upper

97 100

83 83.8 69.0 103.4

85 52.6 42.6 63.8

99 57.5 51.7 77.5



#56

Ethyl methacrylate

Concen: 56.765 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. -0.001 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

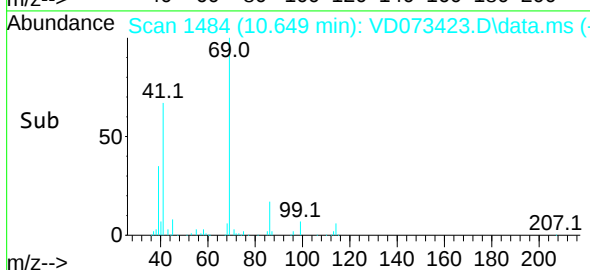
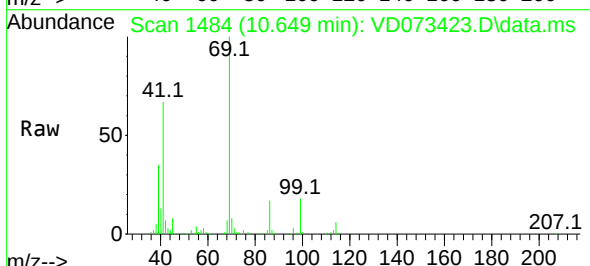
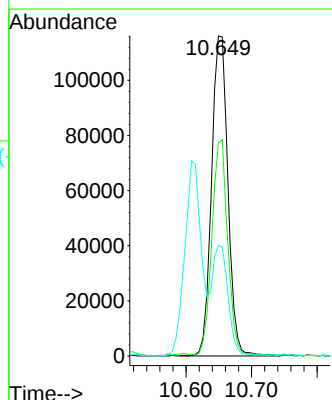
Tgt Ion: 69 Resp: 201335

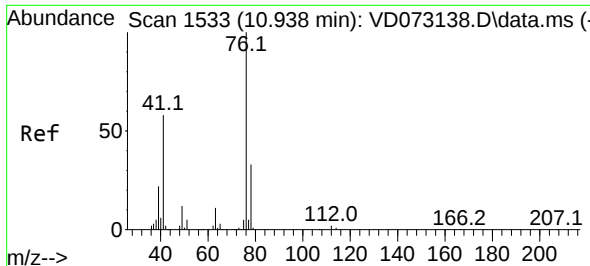
Ion Ratio Lower Upper

69 100

41 64.6 63.0 94.6

39 34.0 33.8 50.8

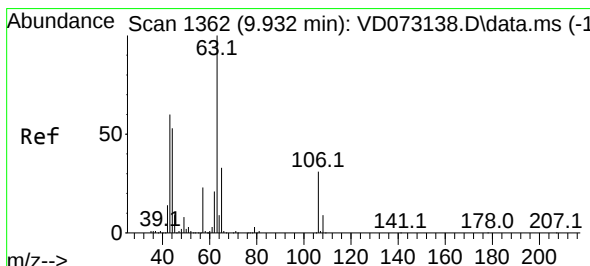
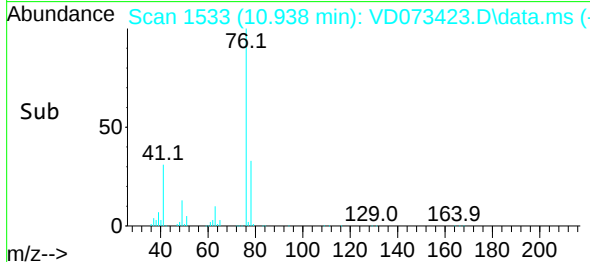
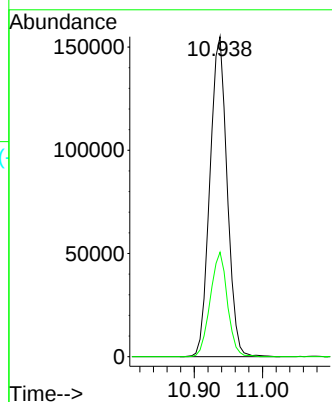
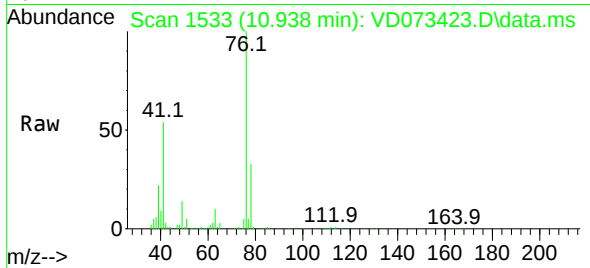




#57
 1,3-Dichloropropane
 Concen: 50.993 ug/l
 RT: 10.938 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

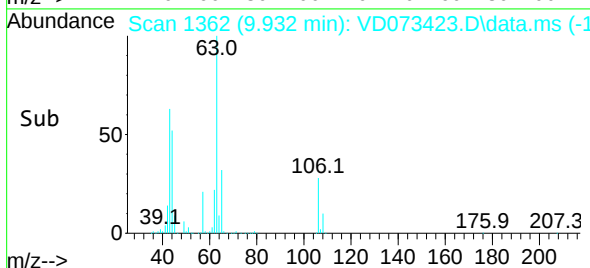
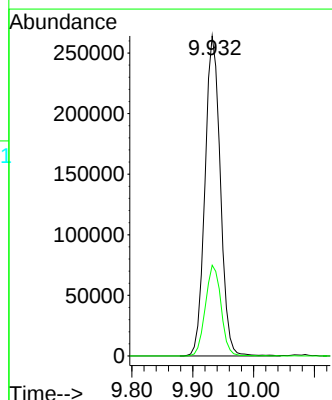
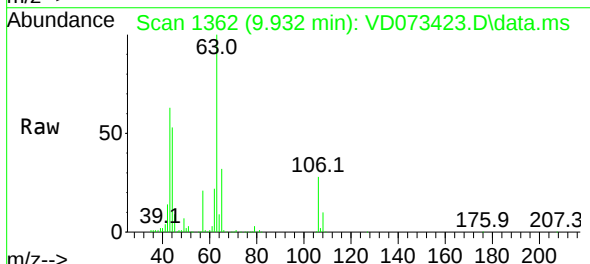
Instrument :
 MSVOA_D
 ClientSampleId :

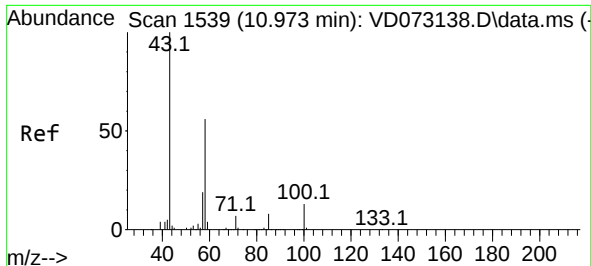
Tgt Ion: 76 Resp: 272947
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 272.312 ug/l
 RT: 9.932 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

Tgt Ion: 63 Resp: 462436
 Ion Ratio Lower Upper
 63 100
 106 28.8 21.4 32.0

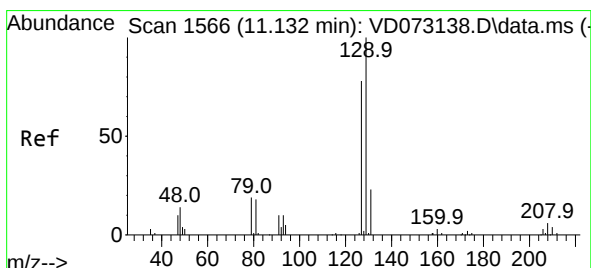
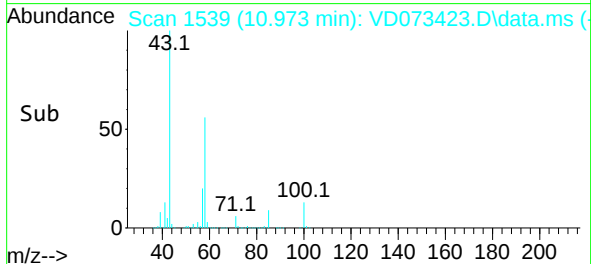
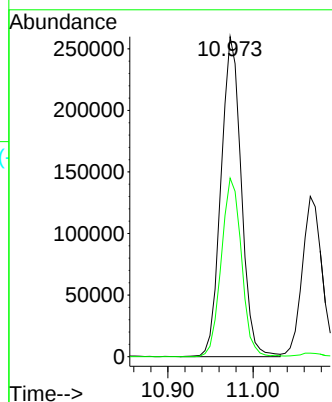
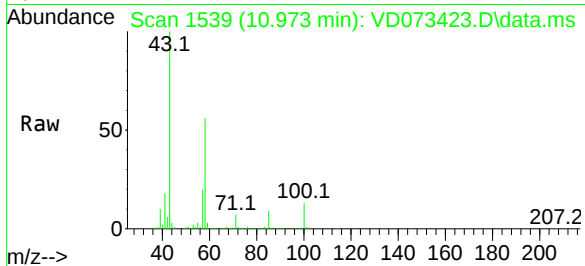




#59
2-Hexanone
Concen: 290.791 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

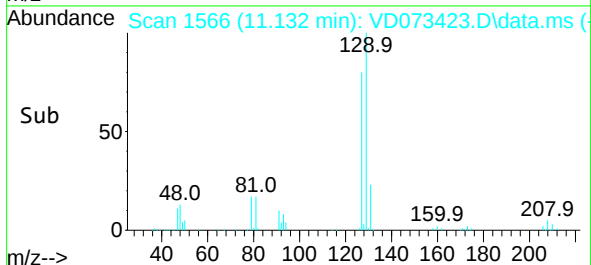
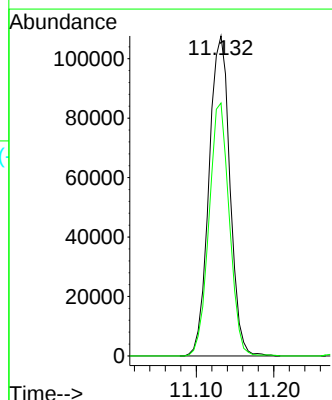
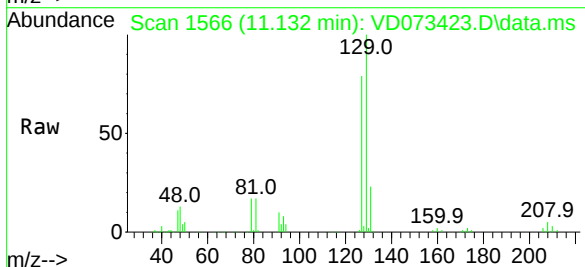
Instrument :
MSVOA_D
ClientSampleId :

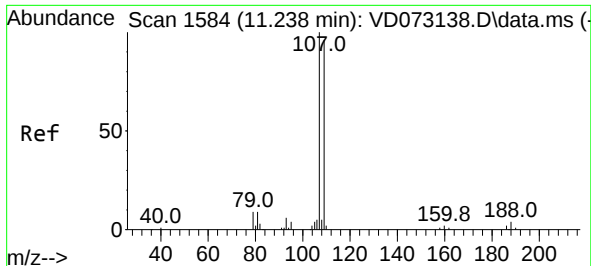
Tgt Ion: 43 Resp: 430222
Ion Ratio Lower Upper
43 100
58 55.6 25.3 75.9



#60
Dibromochloromethane
Concen: 50.825 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion:129 Resp: 202171
Ion Ratio Lower Upper
129 100
127 76.3 39.2 117.6

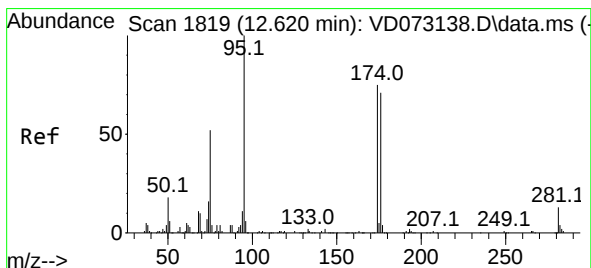
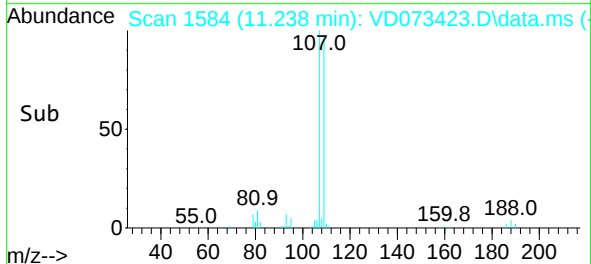
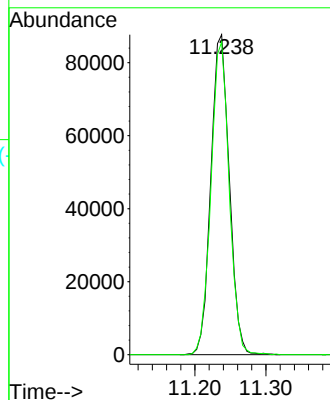
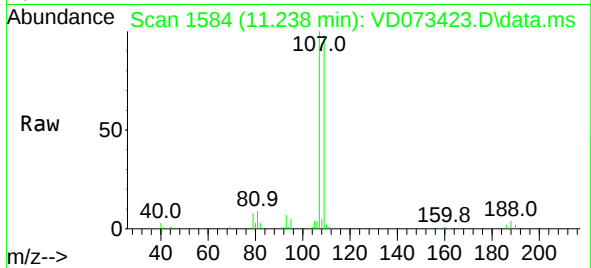




#61
1,2-Dibromoethane
Concen: 51.869 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

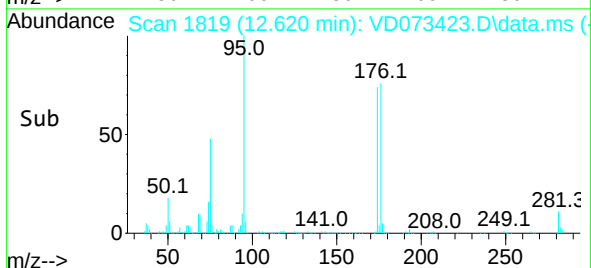
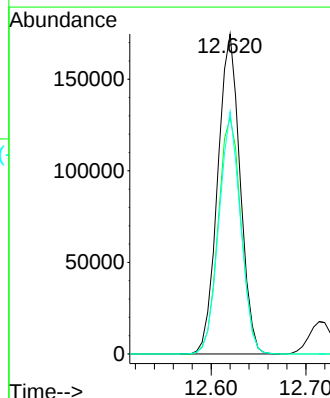
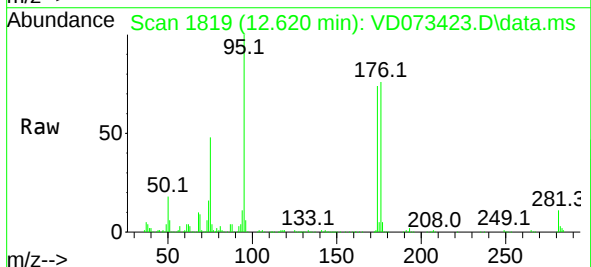
Instrument :
MSVOA_D
ClientSampleId :

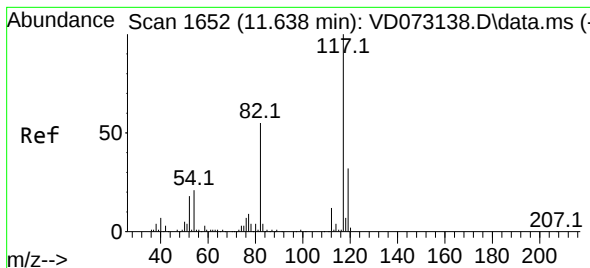
Tgt Ion:107 Resp: 158112
Ion Ratio Lower Upper
107 100
109 96.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.323 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 95 Resp: 286705
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 73.1 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

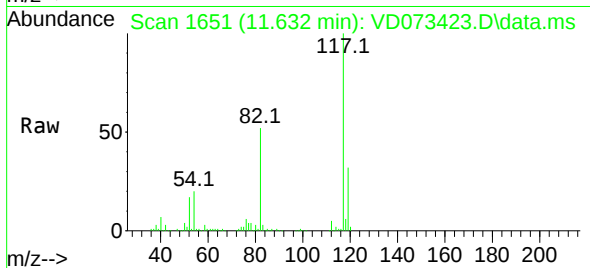
Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :



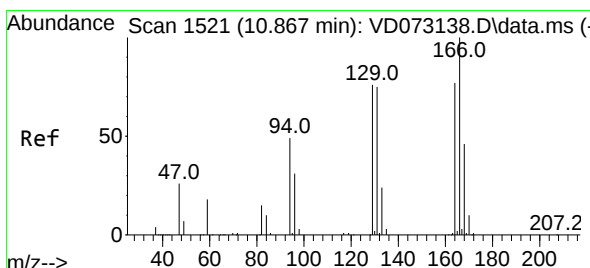
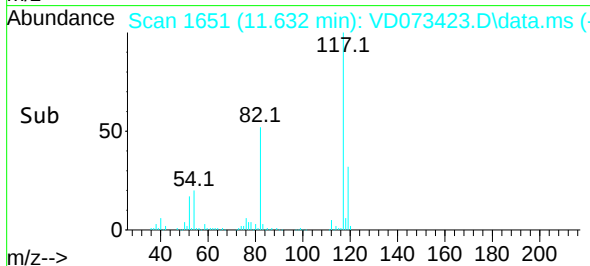
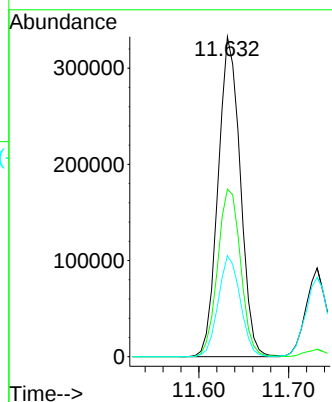
Tgt Ion:117 Resp: 570331

Ion Ratio Lower Upper

117 100

82 52.3 45.3 67.9

119 31.5 26.6 40.0



#64

Tetrachloroethene

Concen: 51.665 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Tgt Ion:164 Resp: 192997

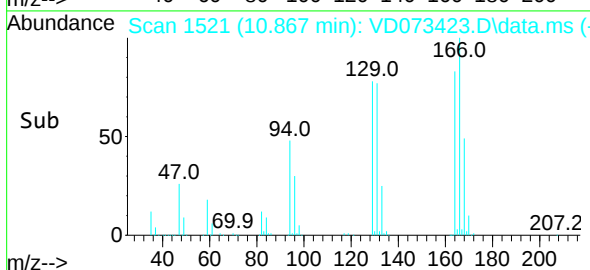
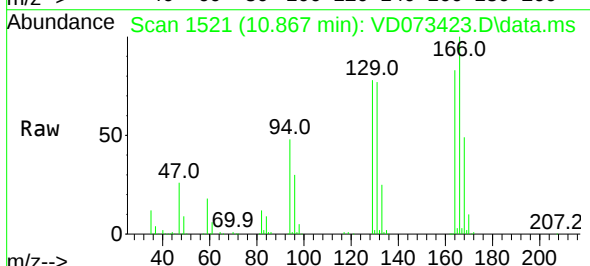
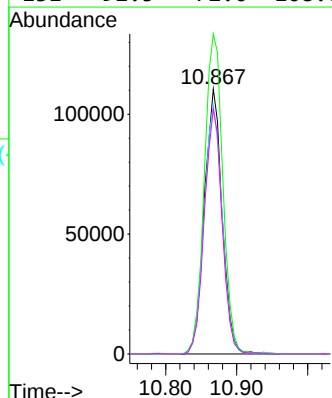
Ion Ratio Lower Upper

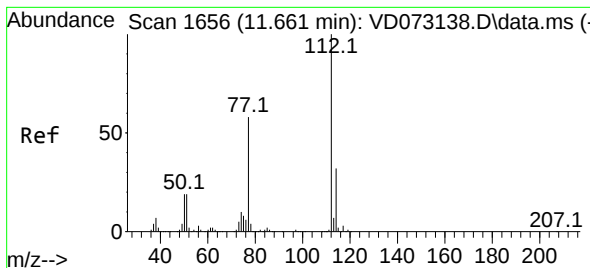
164 100

166 120.8 98.5 147.7

129 93.9 74.6 111.8

131 92.5 72.0 108.0





#65

Chlorobenzene

Concen: 50.129 ug/l

RT: 11.661 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

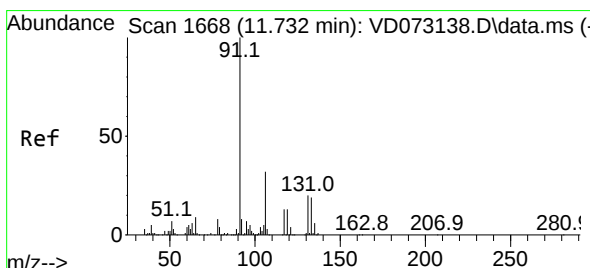
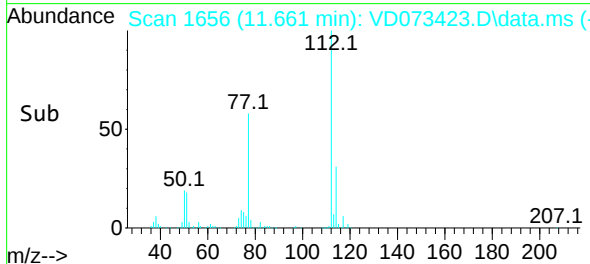
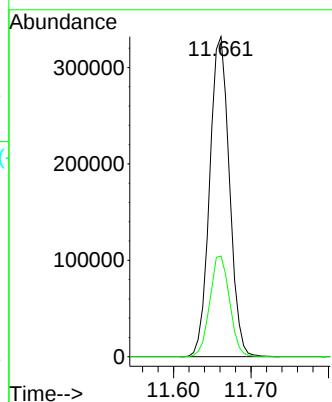
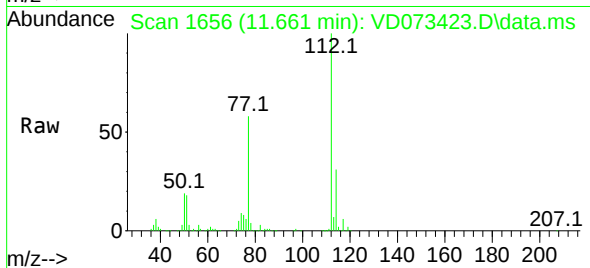
ClientSampleId :

Tgt Ion:112 Resp: 586525

Ion Ratio Lower Upper

112 100

114 31.4 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 49.914 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

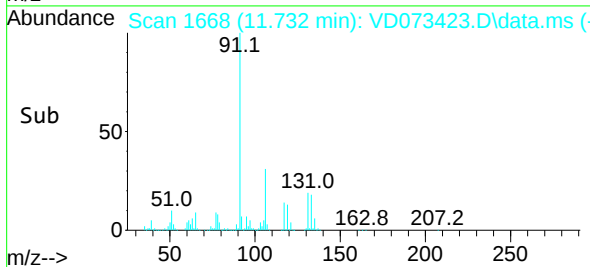
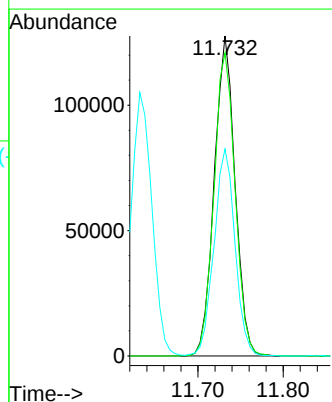
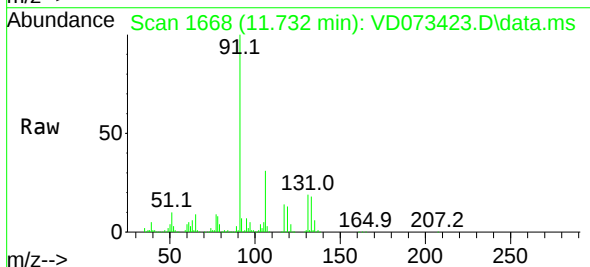
Tgt Ion:131 Resp: 216588

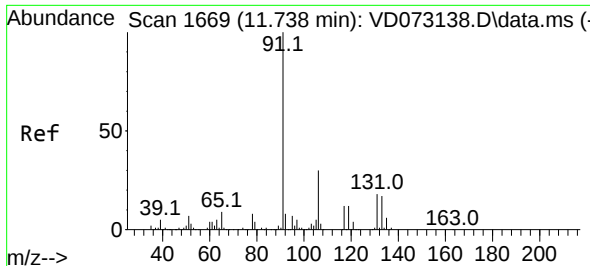
Ion Ratio Lower Upper

131 100

133 96.7 48.1 144.3

119 65.5 31.9 95.9

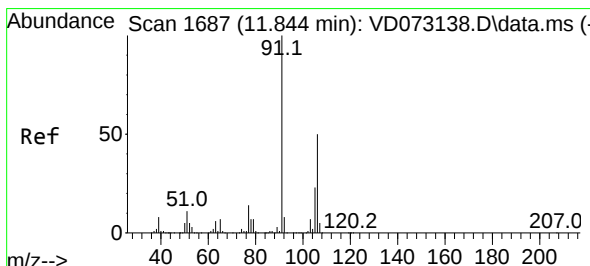
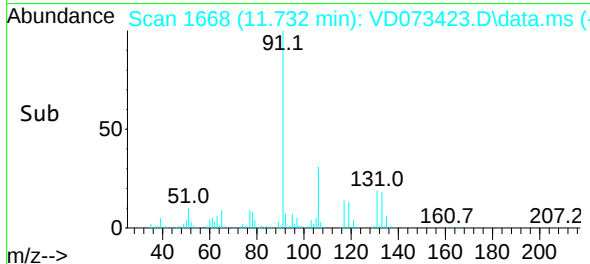
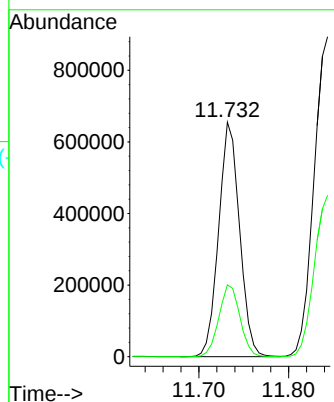
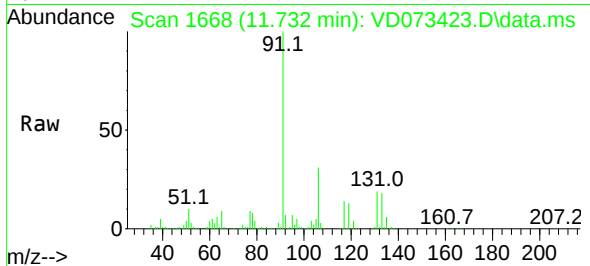




#67
Ethyl Benzene
Concen: 51.607 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

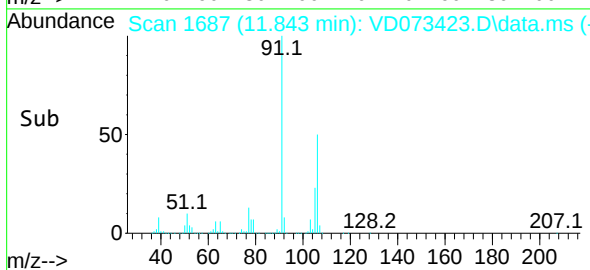
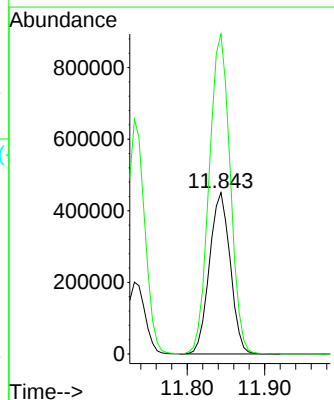
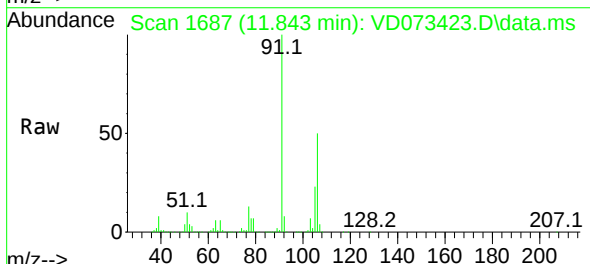
Instrument :
MSVOA_D
ClientSampleId :

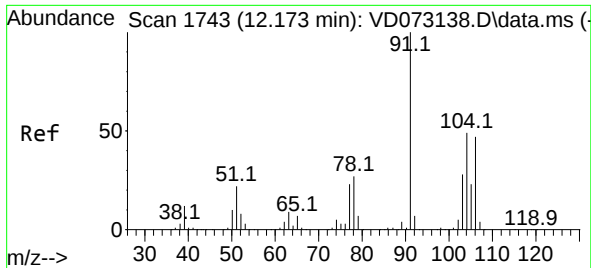
Tgt Ion: 91 Resp: 1059968
Ion Ratio Lower Upper
91 100
106 30.7 24.2 36.4



#68
m/p-Xylenes
Concen: 105.188 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion:106 Resp: 839377
Ion Ratio Lower Upper
106 100
91 200.6 163.7 245.5

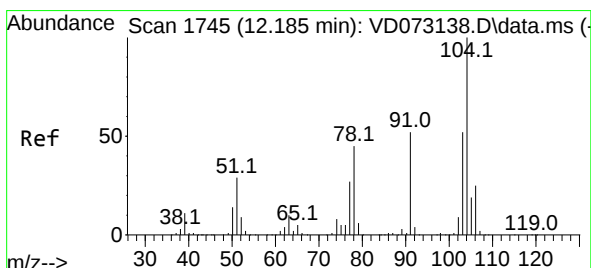
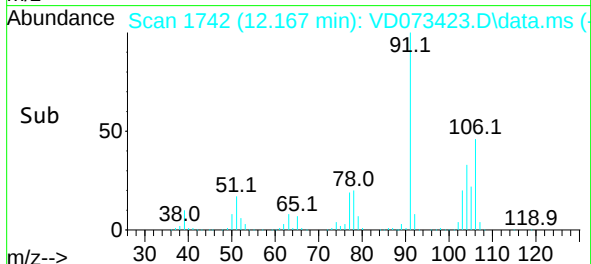
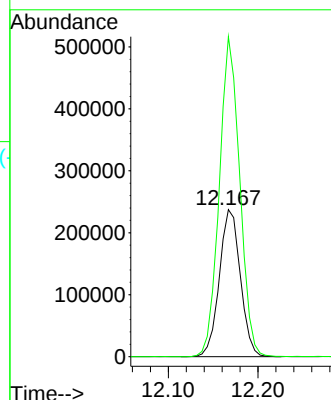
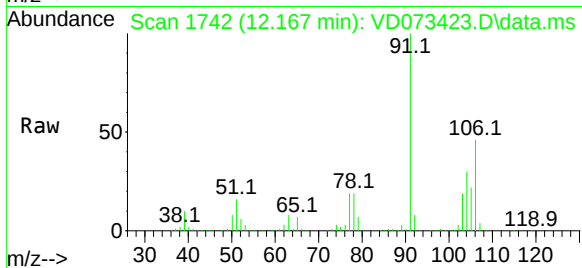




#69
o-Xylene
Concen: 52.666 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

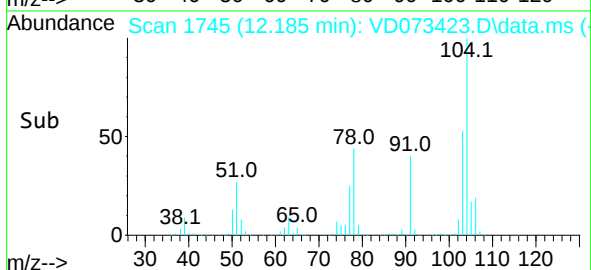
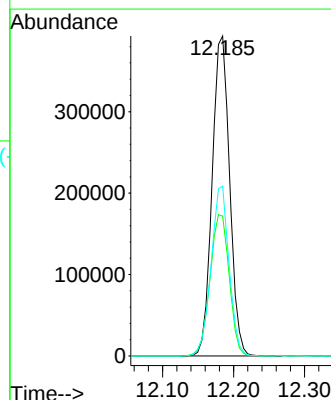
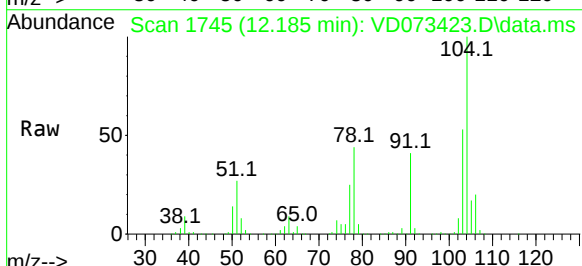
Instrument :
MSVOA_D
ClientSampleId :

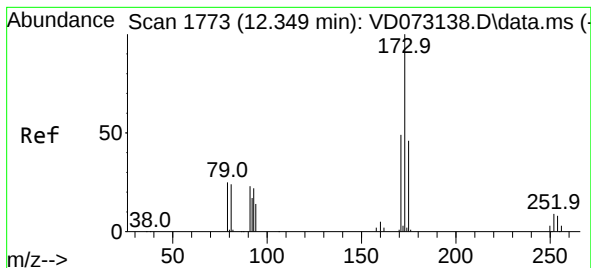
Tgt Ion:106 Resp: 386075
Ion Ratio Lower Upper
106 100
91 211.6 110.4 331.2



#70
Styrene
Concen: 53.308 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion:104 Resp: 672338
Ion Ratio Lower Upper
104 100
78 48.4 41.8 62.8
103 54.6 44.2 66.4





#71

Bromoform

Concen: 52.718 ug/l

RT: 12.349 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

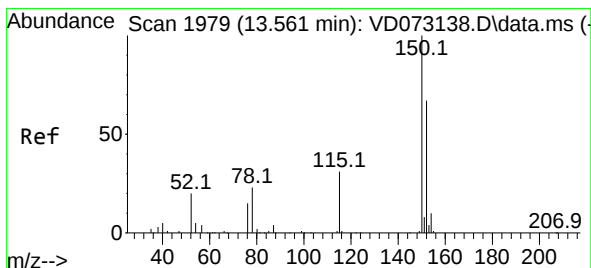
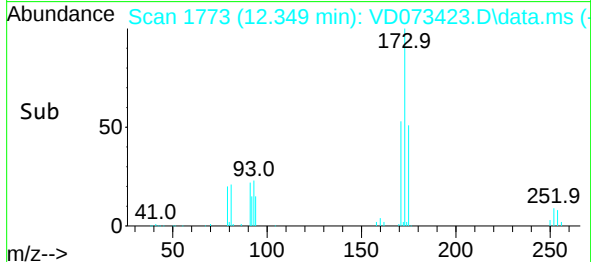
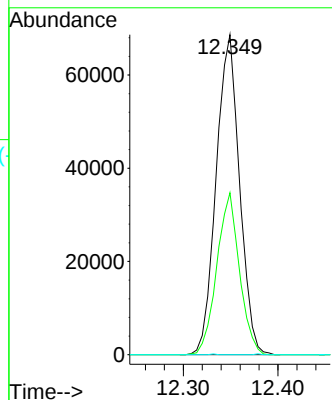
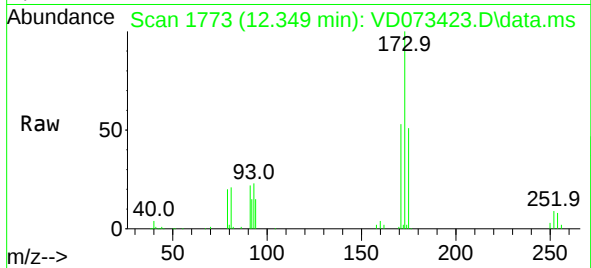
Tgt Ion:173 Resp: 117733

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.8

254 0.1 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: VD073423.D

Acq: 31 May 2022 14:13

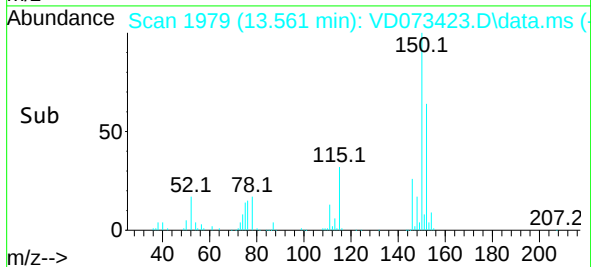
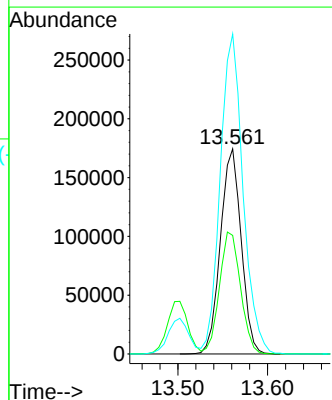
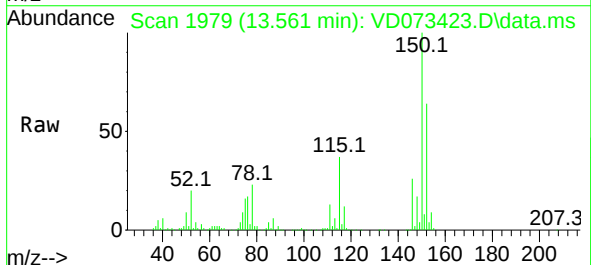
Tgt Ion:152 Resp: 280409

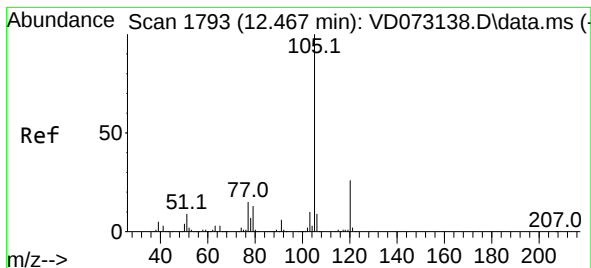
Ion Ratio Lower Upper

152 100

115 60.4 31.3 93.8

150 171.1 0.0 348.6





#73

Isopropylbenzene

Concen: 51.677 ug/l

RT: 12.467 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

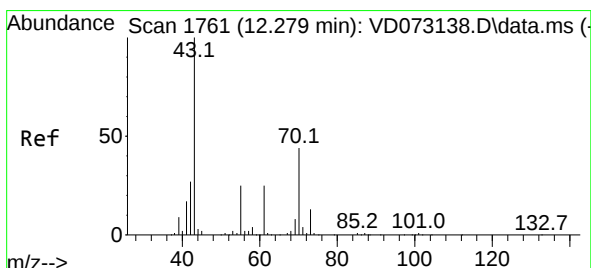
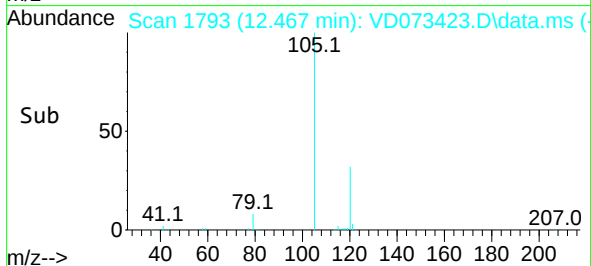
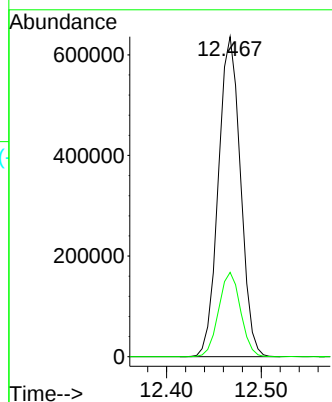
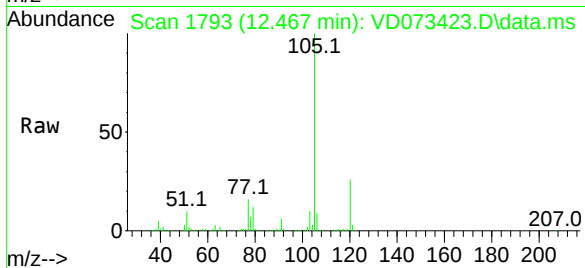
ClientSampleId :

Tgt Ion:105 Resp: 1033035

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 53.423 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. -0.006 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Tgt Ion: 43 Resp: 232974

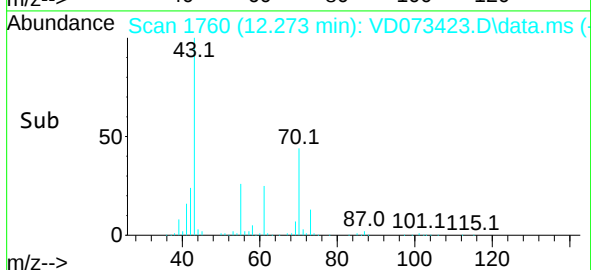
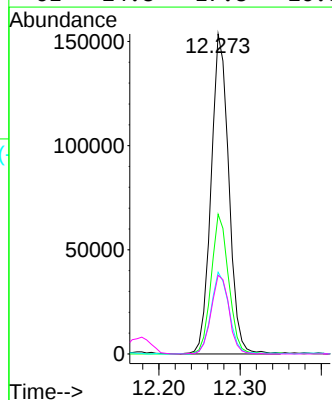
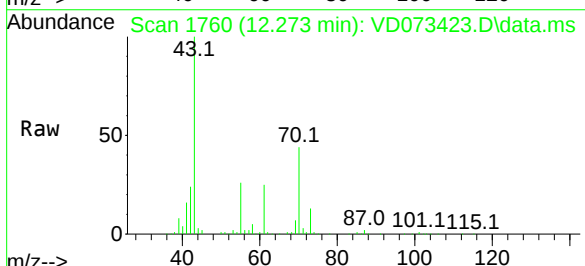
Ion Ratio Lower Upper

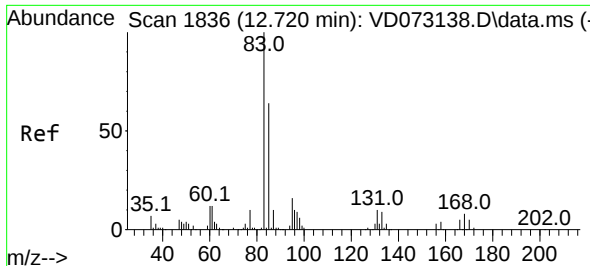
43 100

70 42.9 31.3 46.9

55 25.9 20.0 30.0

61 24.8 17.8 26.8

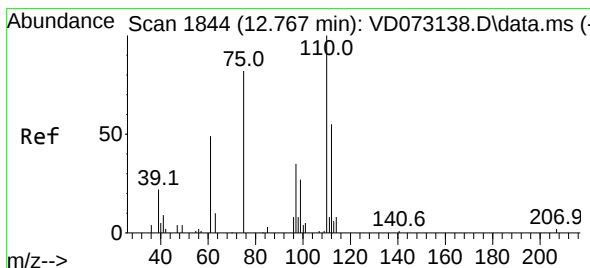
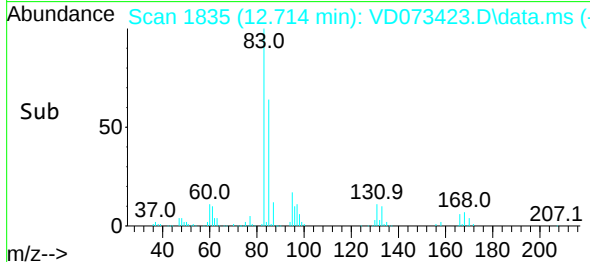
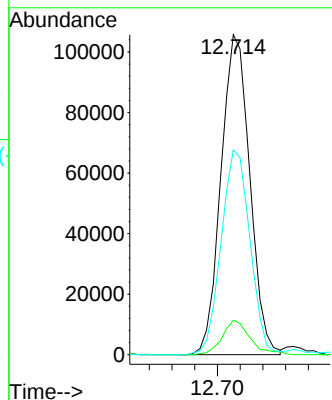
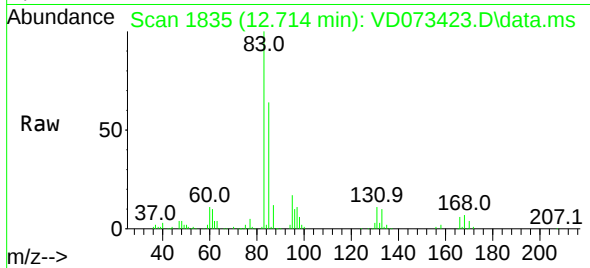




#75
1,1,2,2-Tetrachloroethane
Concen: 50.513 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

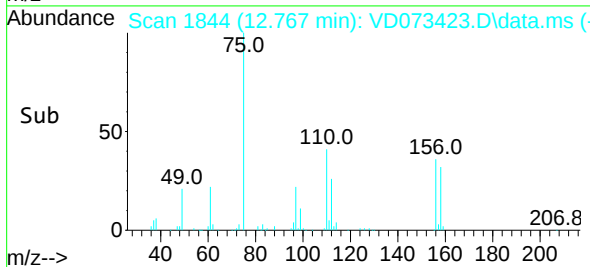
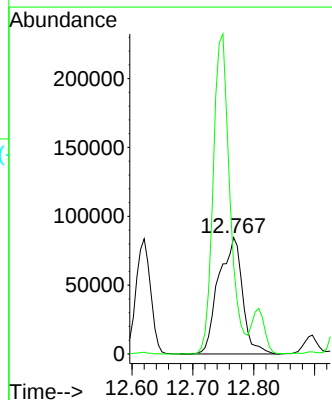
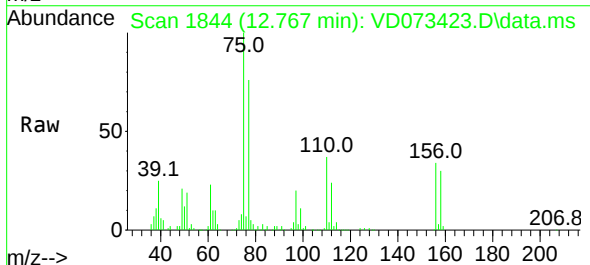
Instrument :
MSVOA_D
ClientSampleId :

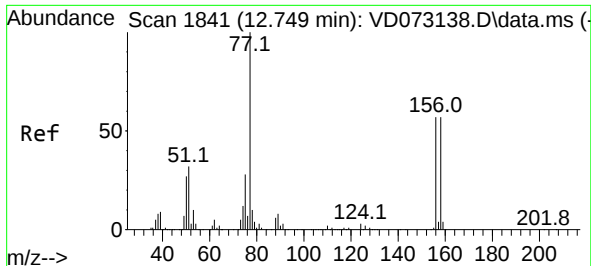
Tgt Ion: 83 Resp: 186230
Ion Ratio Lower Upper
83 100
131 10.4 5.0 14.9
85 63.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 84.024 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 75 Resp: 231176
Ion Ratio Lower Upper
75 100
77 192.1 0.0 0.0#

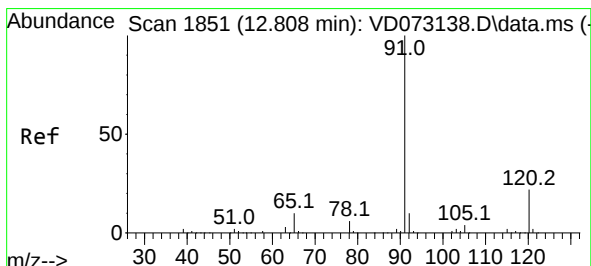
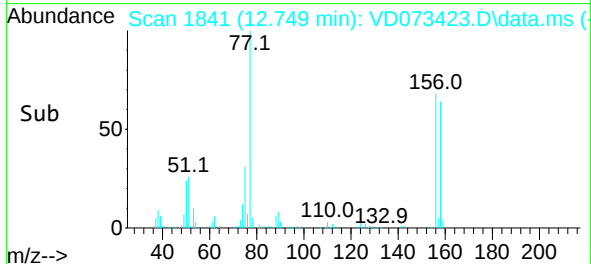
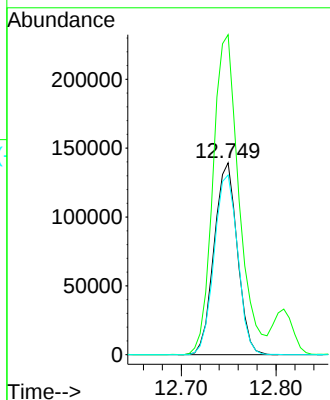
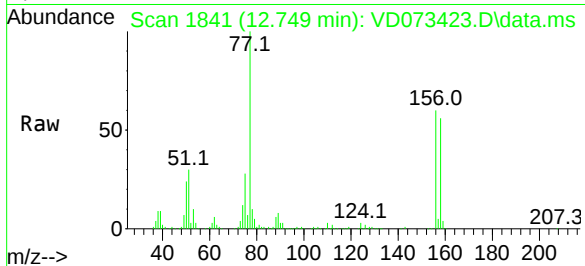




#77
Bromobenzene
Concen: 50.516 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

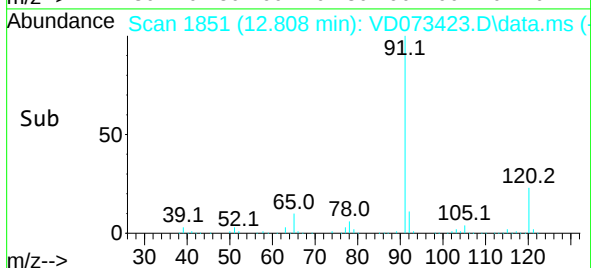
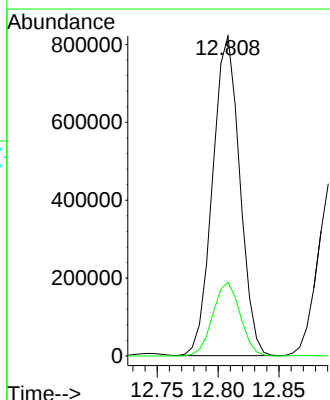
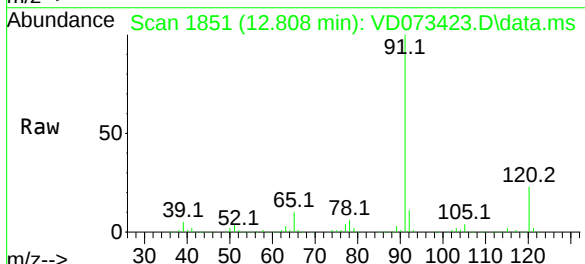
Instrument :
MSVOA_D
ClientSampleId :

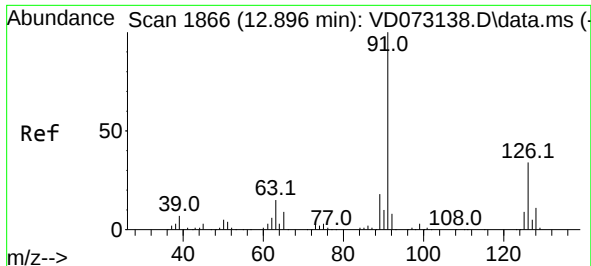
Tgt Ion:156 Resp: 237715
Ion Ratio Lower Upper
156 100
77 186.8 102.8 308.3
158 95.1 48.7 146.1



#78
n-propylbenzene
Concen: 50.848 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 91 Resp: 1276075
Ion Ratio Lower Upper
91 100
120 23.2 10.9 32.9

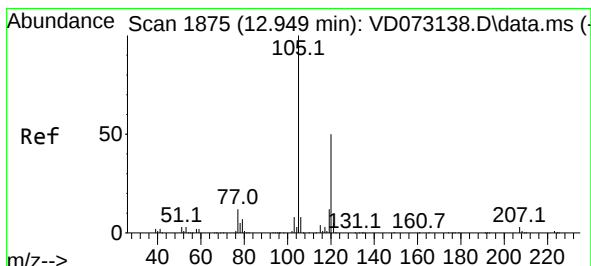
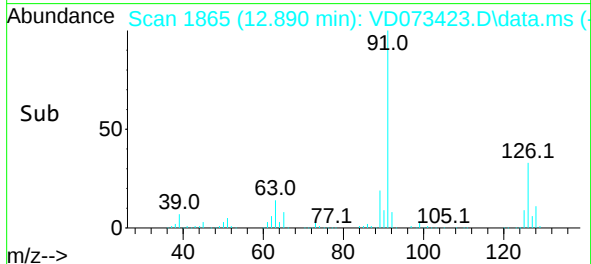
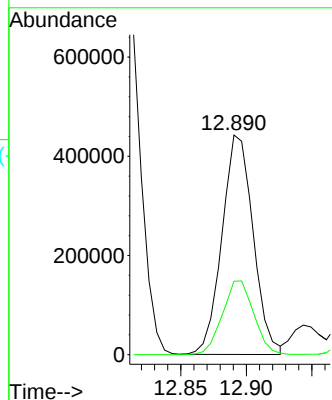
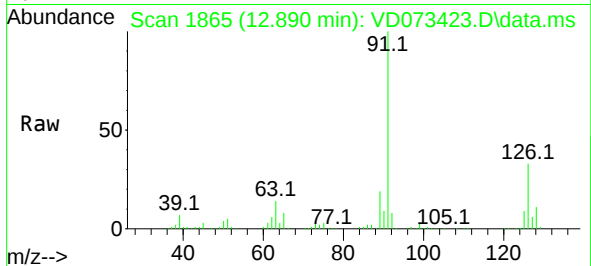




#79
2-Chlorotoluene
Concen: 50.517 ug/l
RT: 12.890 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

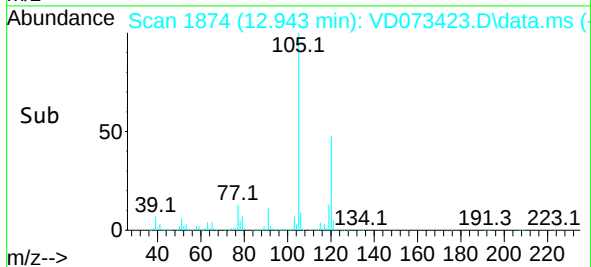
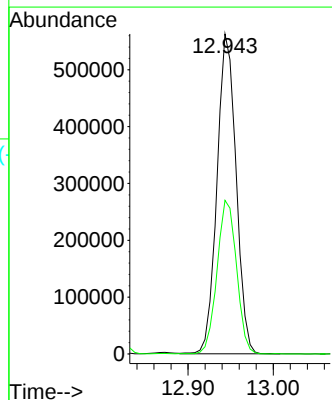
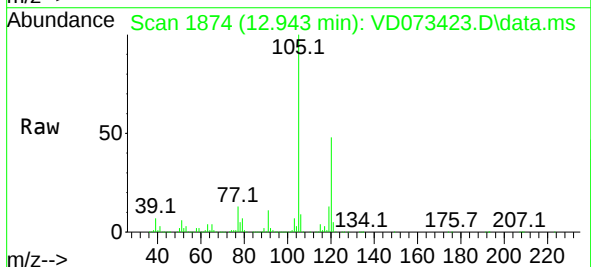
Instrument :
MSVOA_D
ClientSampleId :

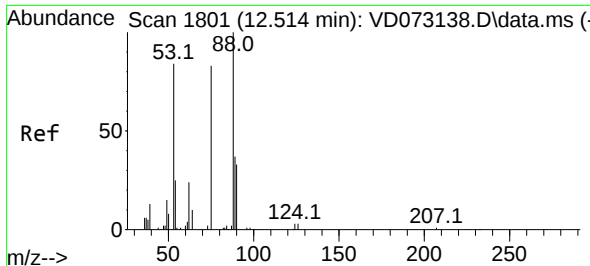
Tgt Ion: 91 Resp: 731996
Ion Ratio Lower Upper
91 100
126 33.9 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 51.867 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 105 Resp: 878295
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

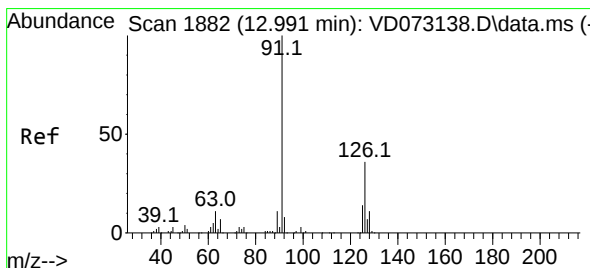
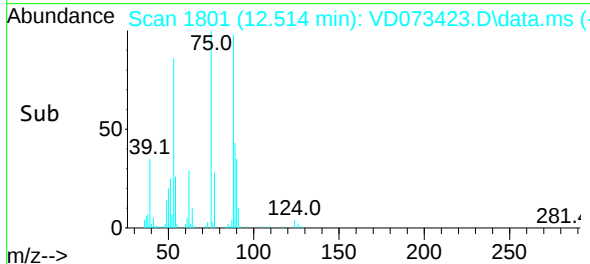
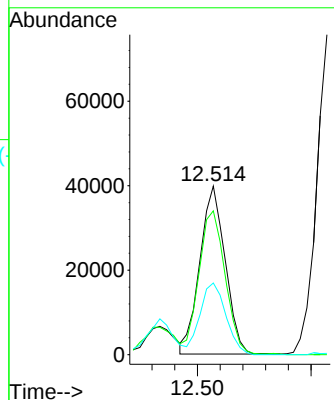
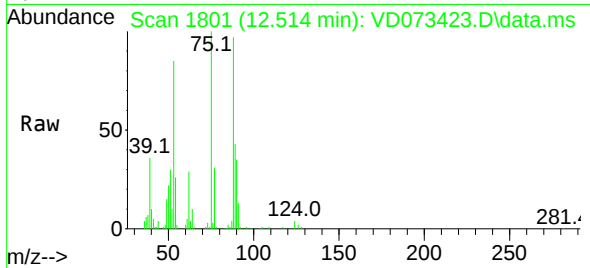




#81
trans-1,4-Dichloro-2-butene
Concen: 53.720 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

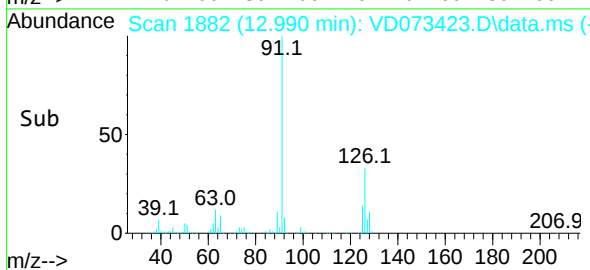
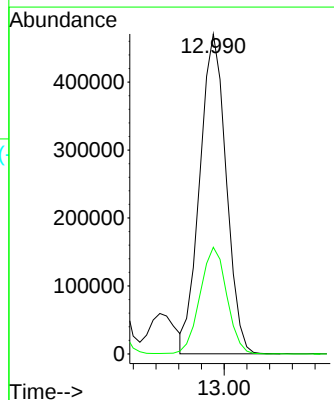
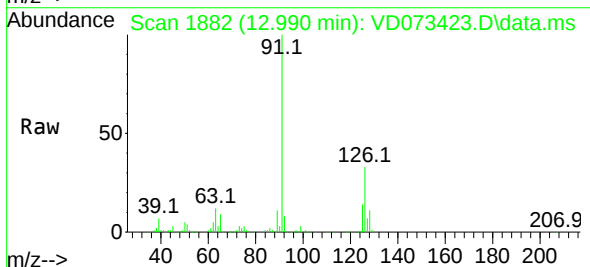
Instrument :
MSVOA_D
ClientSampleId :

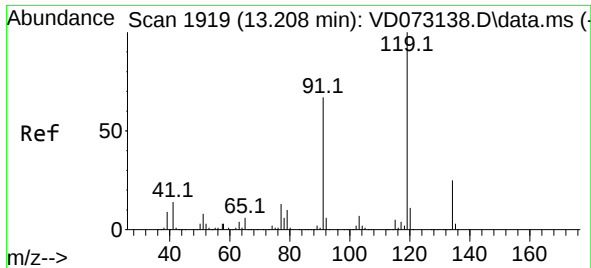
Tgt Ion: 75 Resp: 61565
Ion Ratio Lower Upper
75 100
53 89.8 86.5 129.7
89 43.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.959 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 91 Resp: 758771
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

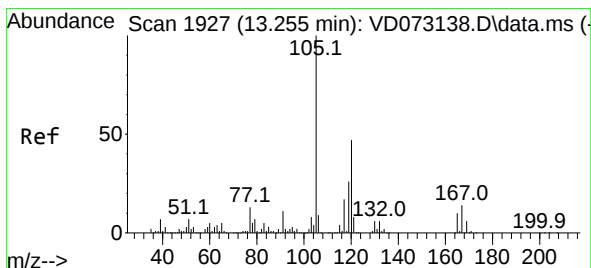
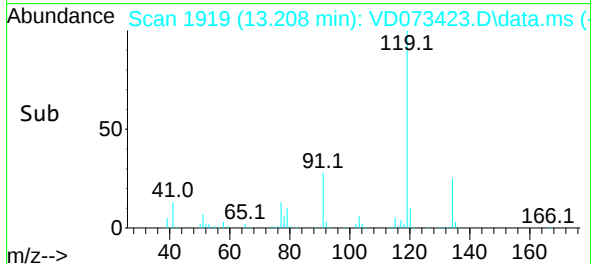
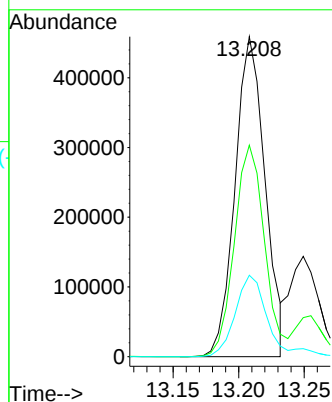
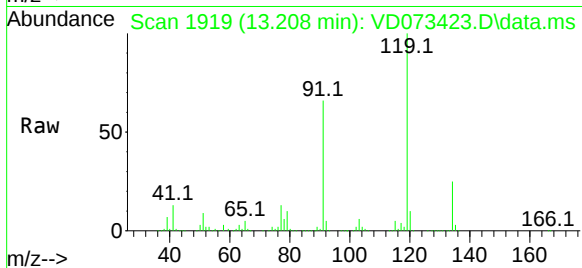




#83
 tert-Butylbenzene
 Concen: 51.239 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

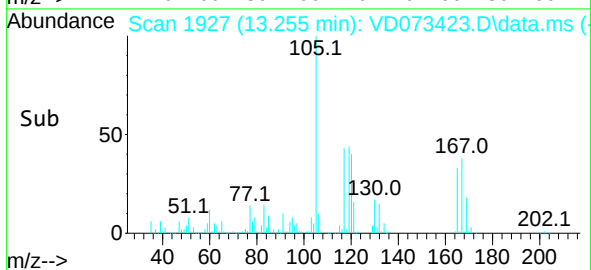
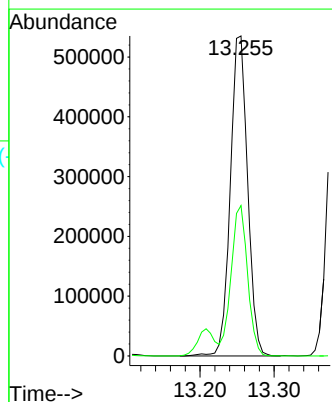
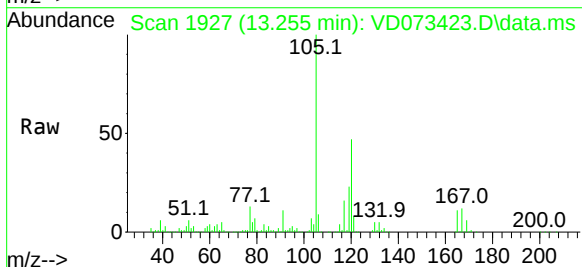
Instrument :
 MSVOA_D
 ClientSampleId :

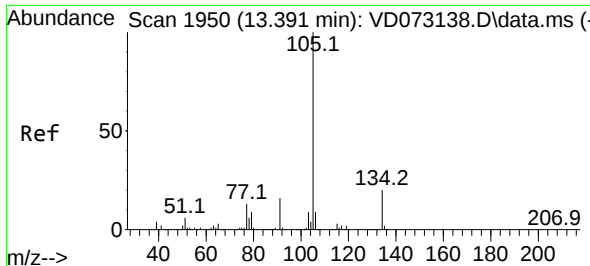
Tgt Ion:119 Resp: 731268
 Ion Ratio Lower Upper
 119 100
 91 66.7 34.8 104.5
 134 27.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.649 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

Tgt Ion:105 Resp: 864016
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.3 66.8

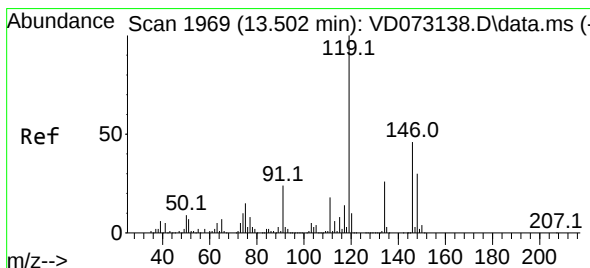
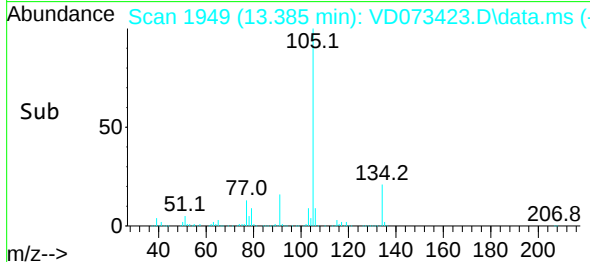
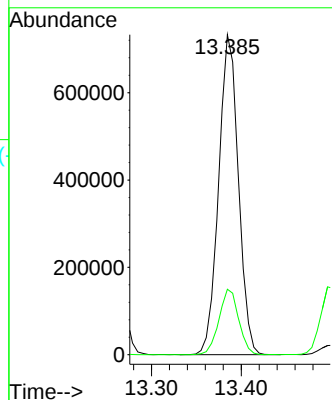
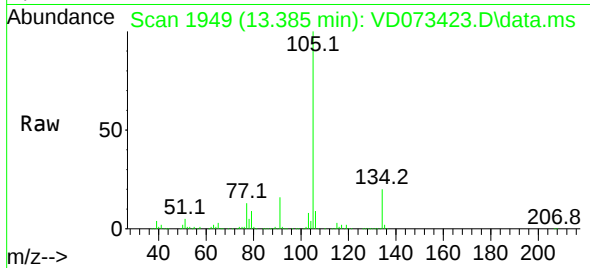




#85
 sec-Butylbenzene
 Concen: 51.345 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

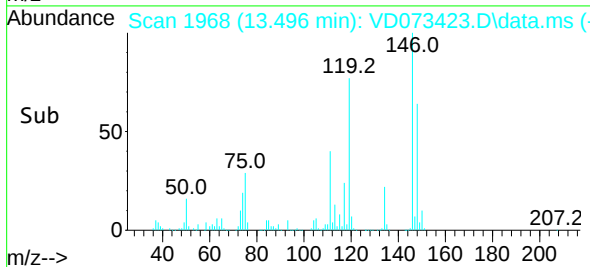
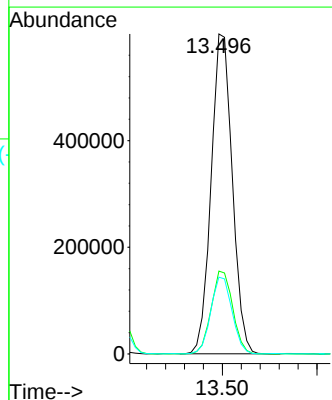
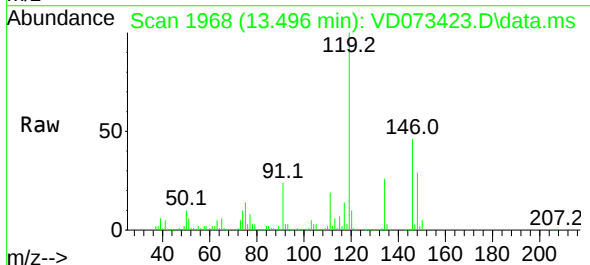
Instrument :
 MSVOA_D
 ClientSampleId :

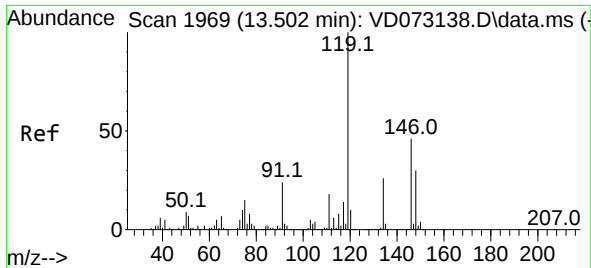
Tgt Ion:105 Resp: 1118892
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 52.286 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. -0.006 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

Tgt Ion:119 Resp: 928793
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 24.1 12.1 36.3

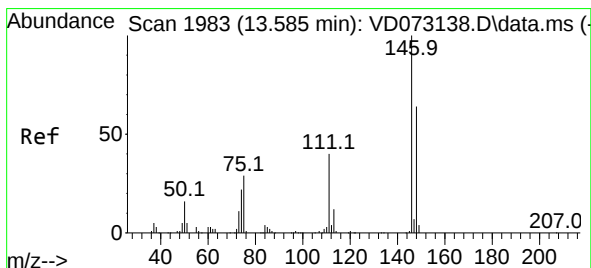
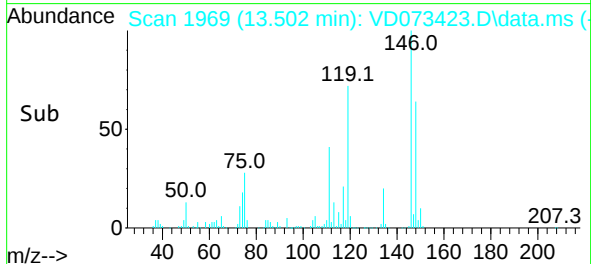
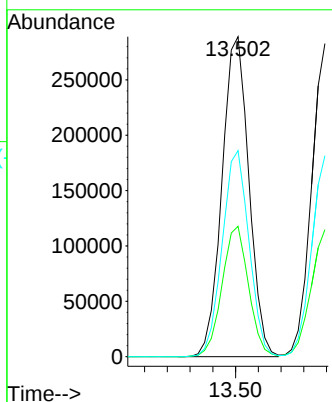
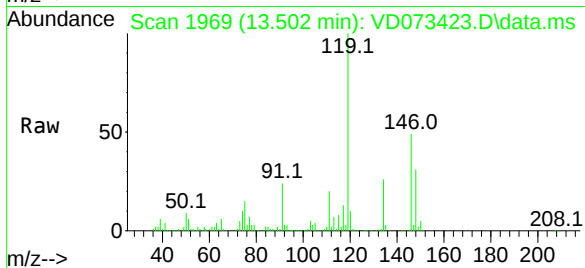




#87
 1,3-Dichlorobenzene
 Concen: 50.212 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

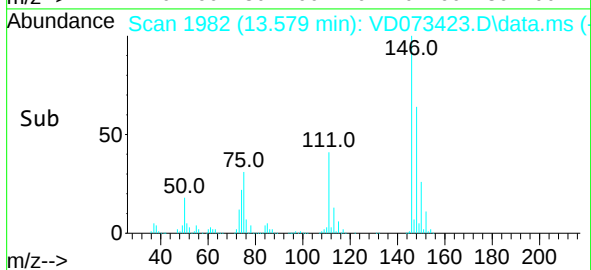
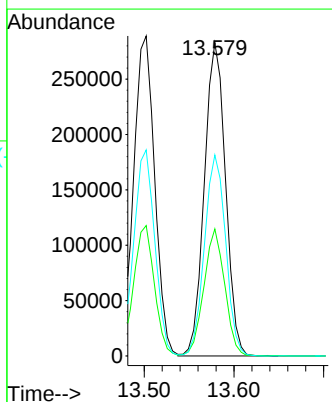
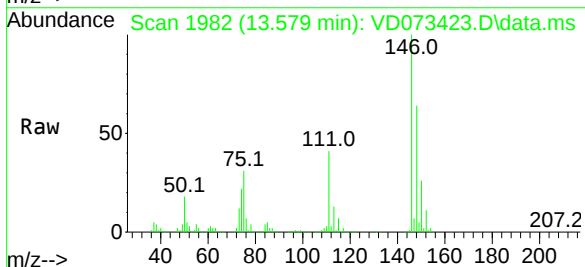
Instrument :
 MSVOA_D
 ClientSampleId :

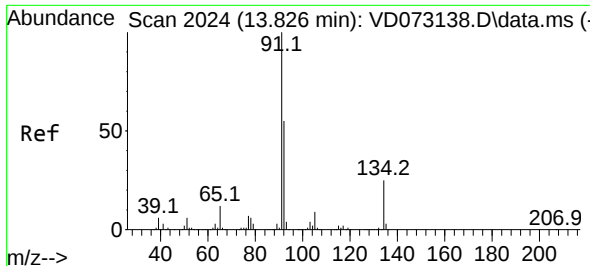
Tgt Ion:146 Resp: 476264
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.4 61.3
 148 64.1 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 48.438 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

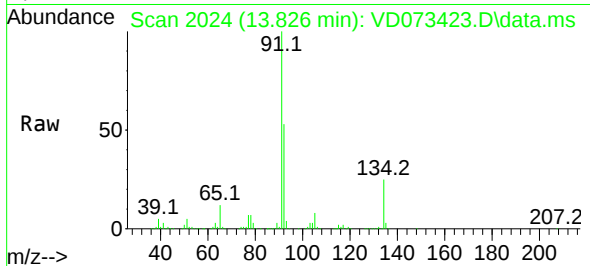
Tgt Ion:146 Resp: 463775
 Ion Ratio Lower Upper
 146 100
 111 40.0 20.3 60.9
 148 64.4 31.7 95.1



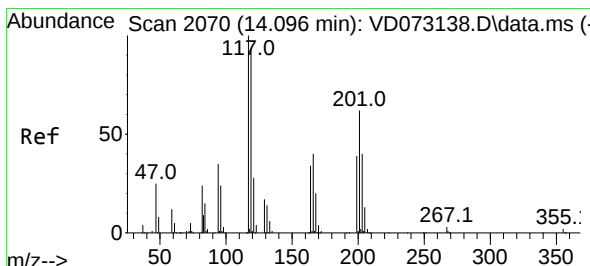
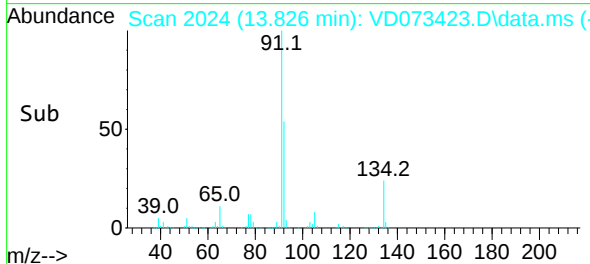
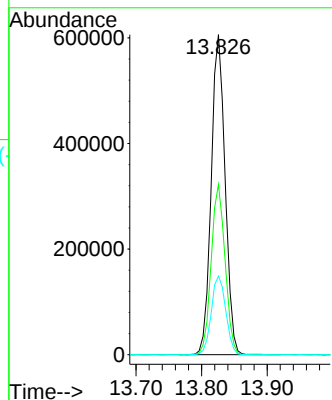


#89
n-Butylbenzene
Concen: 52.702 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Instrument :
MSVOA_D
ClientSampleId :

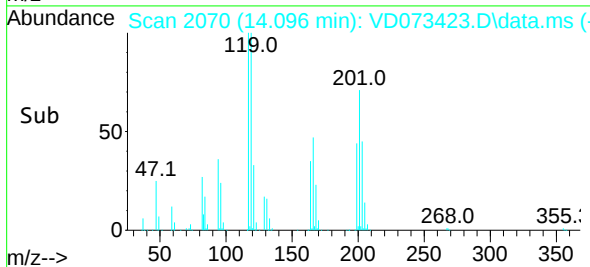
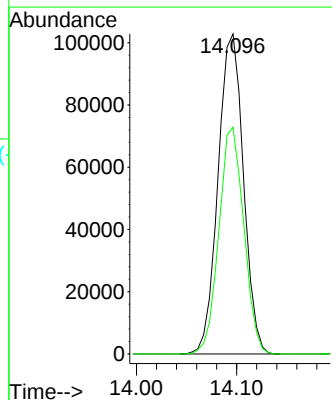
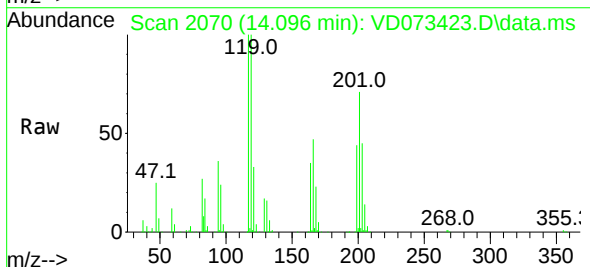


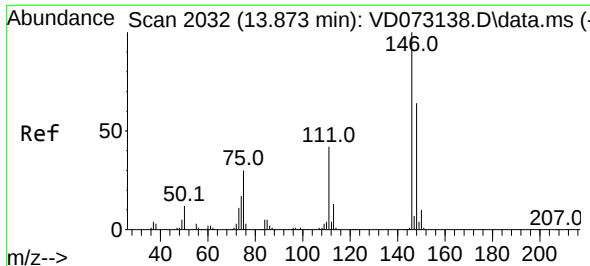
Tgt Ion: 91 Resp: 892011
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.8
134 25.6 12.3 36.9



#90
Hexachloroethane
Concen: 49.176 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

Tgt Ion: 117 Resp: 180749
Ion Ratio Lower Upper
117 100
201 69.6 33.4 100.2

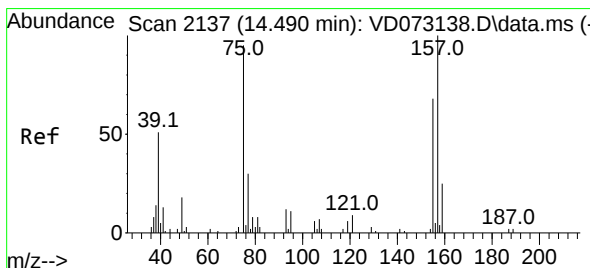
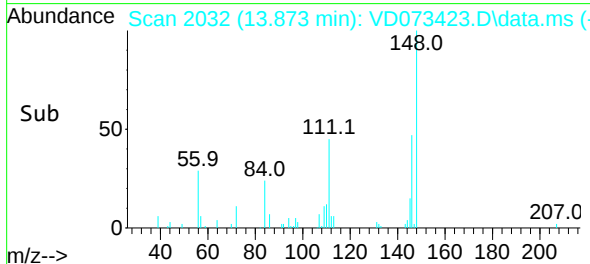
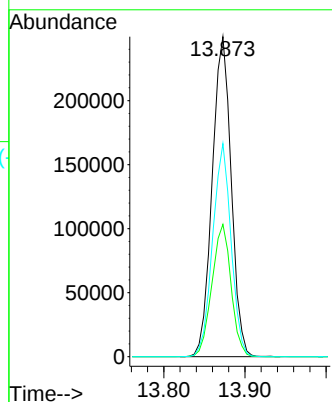
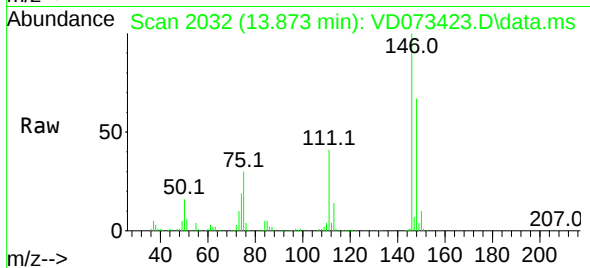




#91
1,2-Dichlorobenzene
Concen: 49.498 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

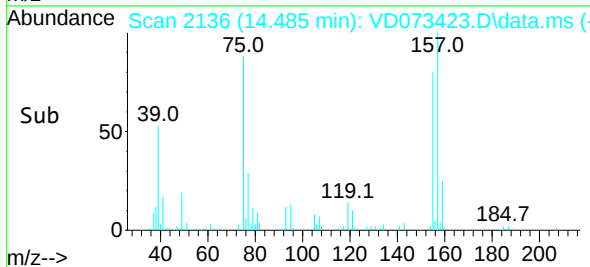
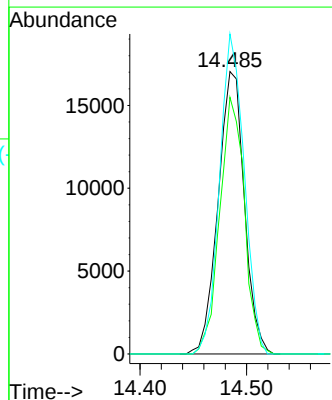
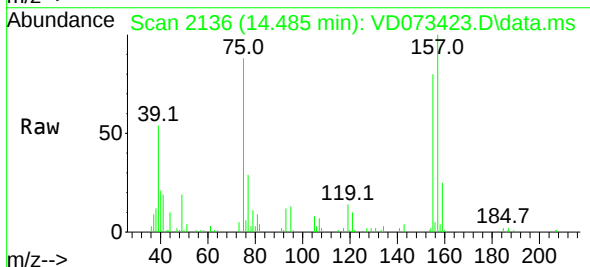
Instrument :
MSVOA_D
ClientSampleId :

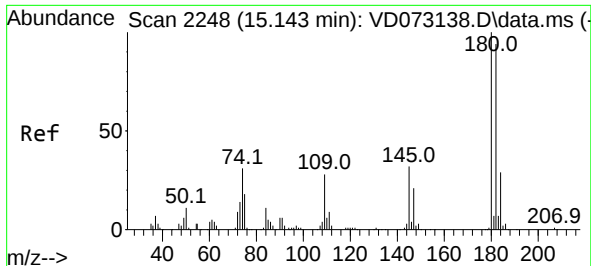
Tgt Ion:146 Resp: 406215
Ion Ratio Lower Upper
146 100
111 41.6 21.1 63.3
148 64.6 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.727 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073423.D
Acq: 31 May 2022 14:13

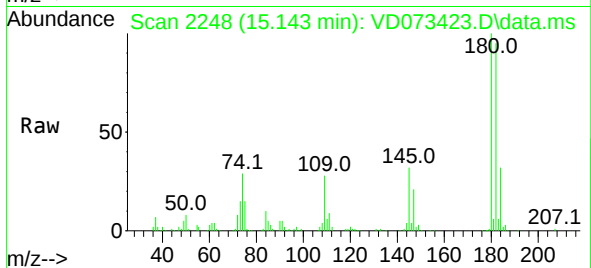
Tgt Ion: 75 Resp: 29205
Ion Ratio Lower Upper
75 100
155 85.0 36.8 110.3
157 106.1 48.4 145.0



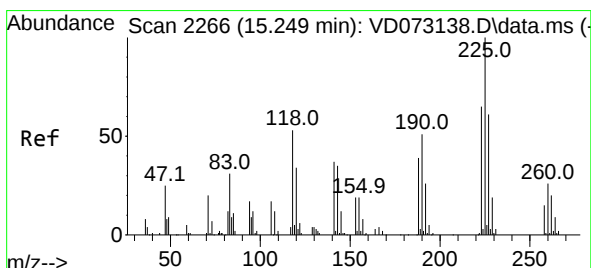
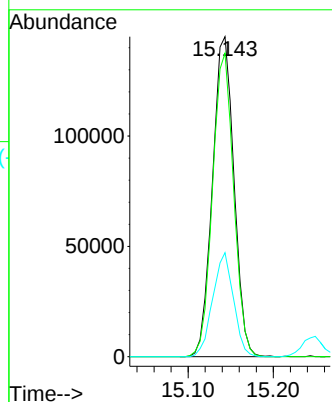
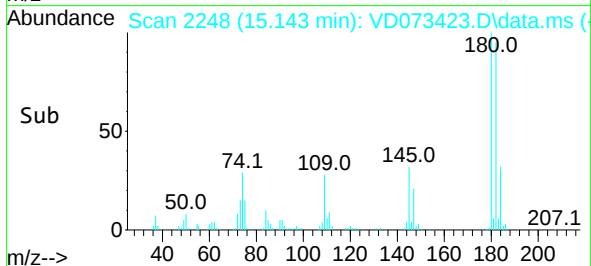


#93
 1,2,4-Trichlorobenzene
 Concen: 54.559 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13

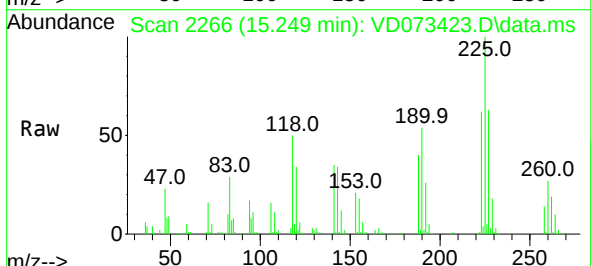
Instrument :
 MSVOA_D
 ClientSampleId :



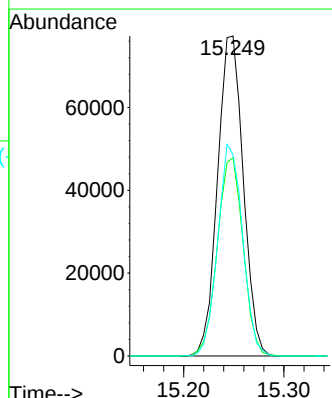
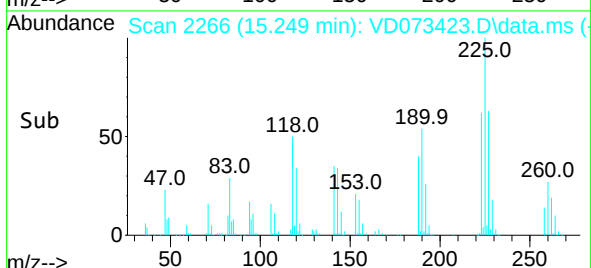
Tgt Ion:180 Resp: 254200
 Ion Ratio Lower Upper
 180 100
 182 93.0 47.3 142.0
 145 31.4 16.2 48.5

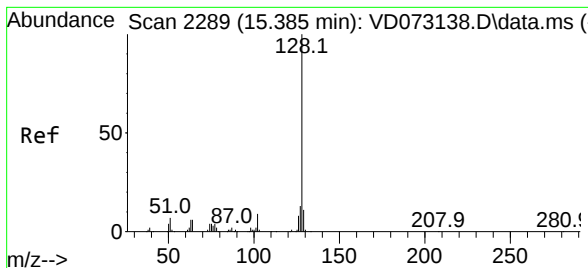


#94
 Hexachlorobutadiene
 Concen: 52.444 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073423.D
 Acq: 31 May 2022 14:13



Tgt Ion:225 Resp: 137693
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.1 93.2
 227 63.9 32.4 97.0





#95

Naphthalene

Concen: 51.542 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Instrument :

MSVOA_D

ClientSampleId :

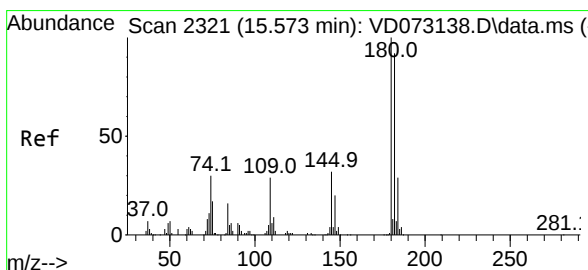
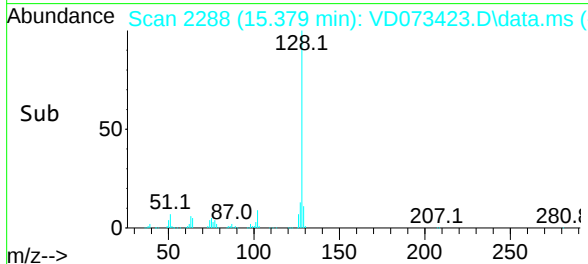
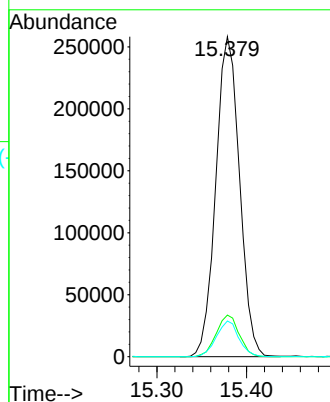
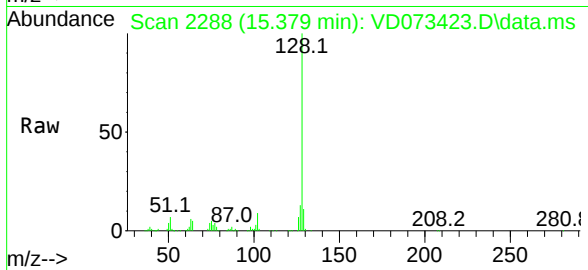
Tgt Ion:128 Resp: 474043

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.812 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073423.D

Acq: 31 May 2022 14:13

Tgt Ion:180 Resp: 218139

Ion Ratio Lower Upper

180 100

182 96.4 47.6 142.9

145 34.9 17.1 51.3

