

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073174.D
 Acq On : 20 May 2022 09:37
 Operator : VA/SY
 Sample : VD0519SBS03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

Quant Time: May 20 13:07:27 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	334714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	560324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	531987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	260544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182842	49.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.860%
35) Dibromofluoromethane	7.908	113	191969	51.920	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.332	98	724479	53.155	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.320%
62) 4-Bromofluorobenzene	12.620	95	253825	53.066	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	72572	21.698	ug/l	98
3) Chloromethane	2.209	50	74110	19.596	ug/l	98
4) Vinyl Chloride	2.350	62	72241	20.890	ug/l	90
5) Bromomethane	2.756	94	50256	20.269	ug/l	92
6) Chloroethane	2.914	64	42983	20.219	ug/l	93
7) Trichlorofluoromethane	3.267	101	127567	20.862	ug/l	96
8) Diethyl Ether	3.714	74	31872	18.968	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.091	101	74833	20.510	ug/l	96
10) Methyl Iodide	4.291	142	70082	17.804	ug/l	99
11) Tert butyl alcohol	5.197	59	18016	31.392	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	68759	20.441	ug/l	88
13) Acrolein	3.920	56	27209	110.121	ug/l	97
14) Allyl chloride	4.708	41	102259	18.833	ug/l	91
15) Acrylonitrile	5.420	53	77364	100.688	ug/l	97
16) Acetone	4.156	43	60390	94.254	ug/l #	86
17) Carbon Disulfide	4.409	76	218230	19.570	ug/l	99
18) Methyl Acetate	4.726	43	38030	21.346	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	147174	19.205	ug/l	99
20) Methylene Chloride	4.961	84	85558	18.540	ug/l	89
21) trans-1,2-Dichloroethene	5.473	96	80371	19.761	ug/l	91
22) Diisopropyl ether	6.361	45	229615	20.173	ug/l #	94
23) Vinyl Acetate	6.303	43	491045	80.880	ug/l #	93
24) 1,1-Dichloroethane	6.255	63	143650	19.662	ug/l	96
25) 2-Butanone	7.208	43	92009	98.154	ug/l	91
26) 2,2-Dichloropropane	7.202	77	120471	19.335	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	86429	19.205	ug/l	93
28) Bromochloromethane	7.538	49	45502	18.078	ug/l #	79
29) Tetrahydrofuran	7.561	42	59201	97.670	ug/l	92
30) Chloroform	7.708	83	154441	20.248	ug/l	96
31) Cyclohexane	7.979	56	123808	19.153	ug/l #	89
32) 1,1,1-Trichloroethane	7.902	97	132685	19.889	ug/l	97
36) 1,1-Dichloropropene	8.108	75	112138	20.166	ug/l	96
37) Ethyl Acetate	7.297	43	44011	20.037	ug/l #	92
38) Carbon Tetrachloride	8.097	117	118546	21.031	ug/l	100
39) Methylcyclohexane	9.349	83	122558	19.776	ug/l	99
40) Benzene	8.344	78	327951	20.463	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	23467	18.337	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	91379	20.492	ug/l	95
43) Isopropyl Acetate	8.444	43	79474	19.575	ug/l #	90
44) Trichloroethene	9.108	130	89007	20.827	ug/l	85
45) 1,2-Dichloropropane	9.379	63	81903	20.293	ug/l	96
46) Dibromomethane	9.467	93	43901	19.805	ug/l	96
47) Bromodichloromethane	9.655	83	115594	20.381	ug/l #	97
48) Methyl methacrylate	9.449	41	40062	19.613	ug/l	88
49) 1,4-Dioxane	9.455	88	8767	382.979	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	209227	99.224	ug/l	95
52) Toluene	10.396	92	214562	21.186	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	102280	19.961	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	125039	20.392	ug/l #	89
55) 1,1,2-Trichloroethane	10.791	97	61684	20.578	ug/l	97
56) Ethyl methacrylate	10.655	69	66148	19.848	ug/l #	89
57) 1,3-Dichloropropane	10.938	76	100982	20.078	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	116468	88.815	ug/l	94
59) 2-Hexanone	10.973	43	140562	101.110	ug/l	97
60) Dibromochloromethane	11.132	129	76567	20.485	ug/l	99
61) 1,2-Dibromoethane	11.238	107	58224	20.327	ug/l	99
64) Tetrachloroethene	10.873	164	73711	21.155	ug/l	98
65) Chlorobenzene	11.661	112	223261	20.457	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	84549	20.889	ug/l	97
67) Ethyl Benzene	11.738	91	387784	20.241	ug/l	98
68) m/p-Xylenes	11.843	106	311847	41.896	ug/l	98
69) o-Xylene	12.173	106	141085	20.633	ug/l	92
70) Styrene	12.185	104	244515	20.784	ug/l	97
71) Bromoform	12.349	173	42443	20.375	ug/l #	97
73) Isopropylbenzene	12.467	105	375737	20.229	ug/l	100
74) N-amyl acetate	12.279	43	78310	19.326	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	70315	20.526	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	87481	34.221	ug/l #	100
77) Bromobenzene	12.749	156	85758	19.614	ug/l	96
78) n-propylbenzene	12.808	91	477599	20.482	ug/l	99
79) 2-Chlorotoluene	12.896	91	273541	20.317	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	327263	20.800	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	20930	19.655	ug/l	90
82) 4-Chlorotoluene	12.990	91	286158	20.278	ug/l	98
83) tert-Butylbenzene	13.208	119	269716	20.340	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	318986	20.522	ug/l	99
85) sec-Butylbenzene	13.390	105	408241	20.162	ug/l	98
86) p-Isopropyltoluene	13.502	119	336135	20.365	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	184519	20.937	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	174372	19.600	ug/l	97
89) n-Butylbenzene	13.826	91	322673	20.518	ug/l	99
90) Hexachloroethane	14.096	117	69986	20.493	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	155267	20.362	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10432	19.886	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	84170	19.443	ug/l	98
94) Hexachlorobutadiene	15.249	225	48525	19.891	ug/l	97
95) Naphthalene	15.379	128	139501	18.744	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	73718	19.208	ug/l	99

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ClientSampleId :
VD0519SBSD03

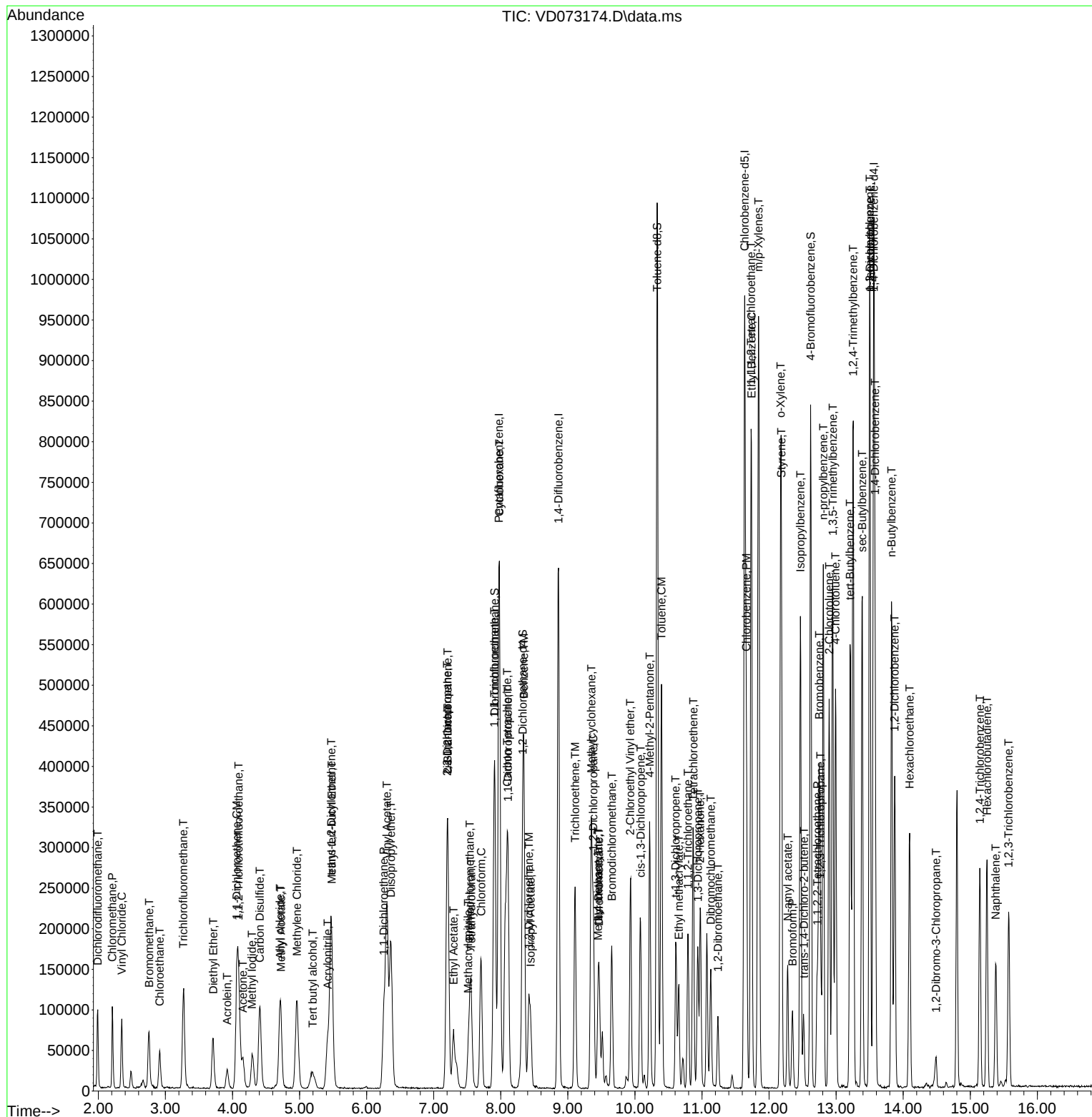
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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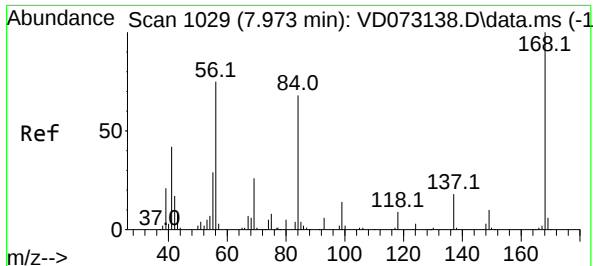
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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ClientSampleId :
VD0519SBSD03

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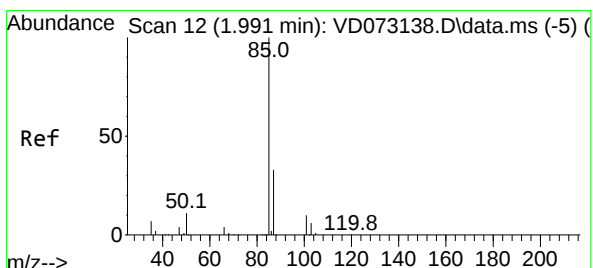
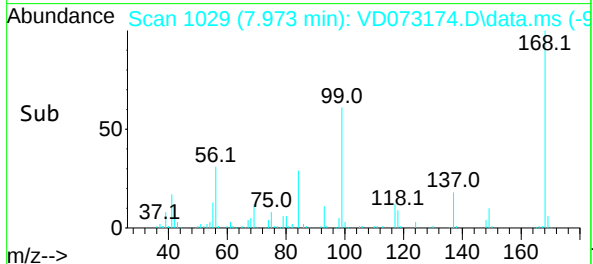
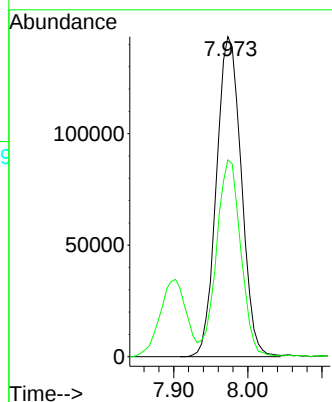
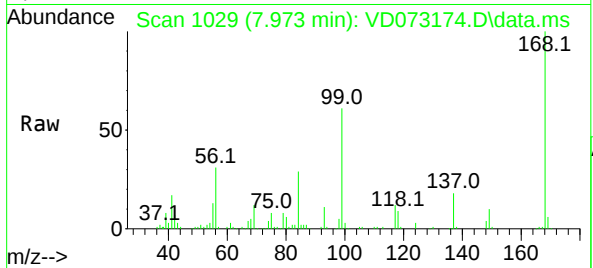




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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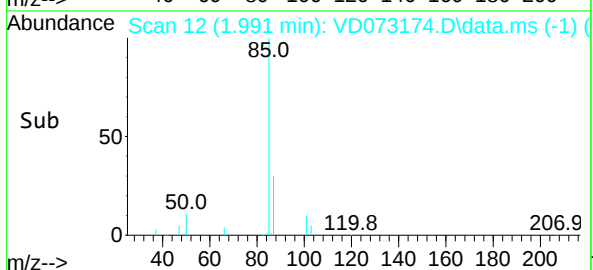
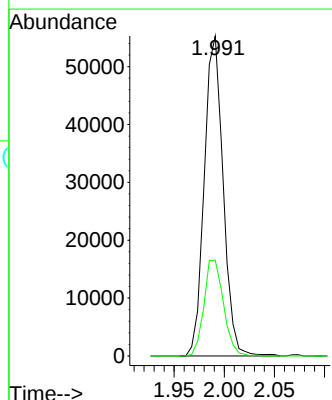
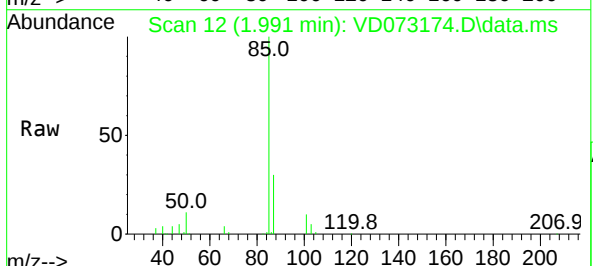
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MSVOA_D
ClientSampleId :
VD0519SBSD03

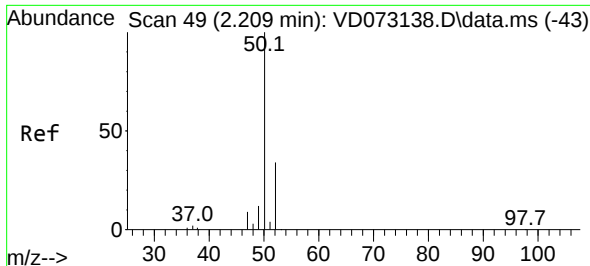
Tgt Ion:168 Resp: 334714
Ion Ratio Lower Upper
168 100
99 61.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.698 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 85 Resp: 72572
Ion Ratio Lower Upper
85 100
87 30.0 15.7 47.0

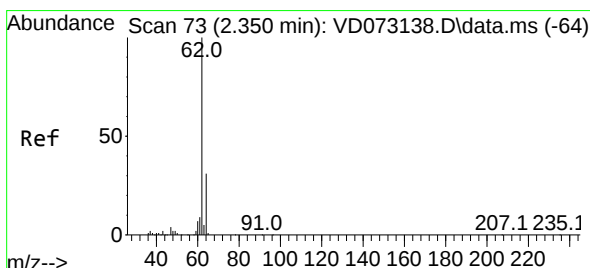
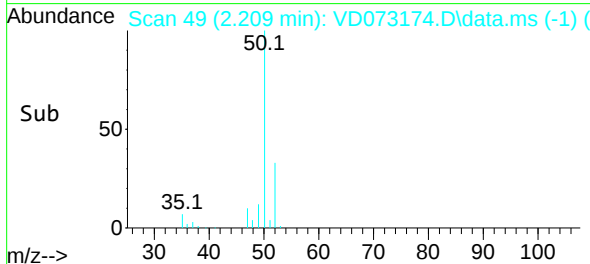
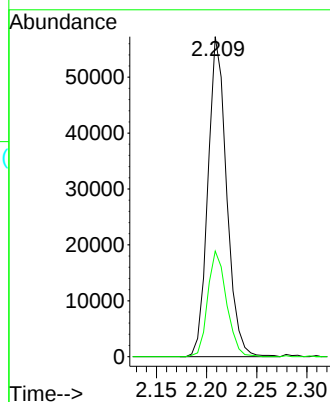
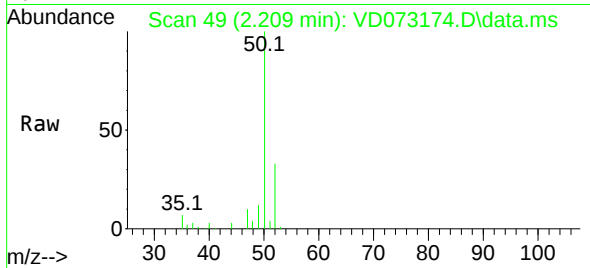




#3
Chloromethane
Concen: 19.596 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

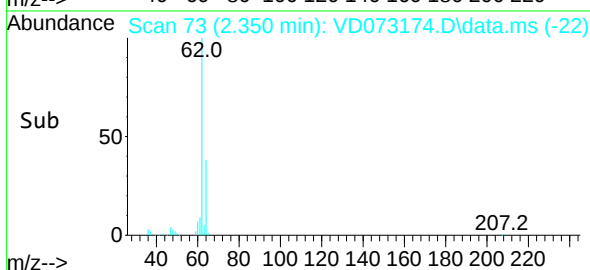
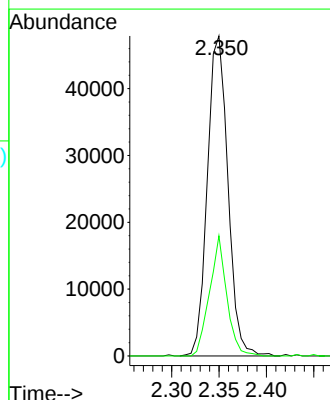
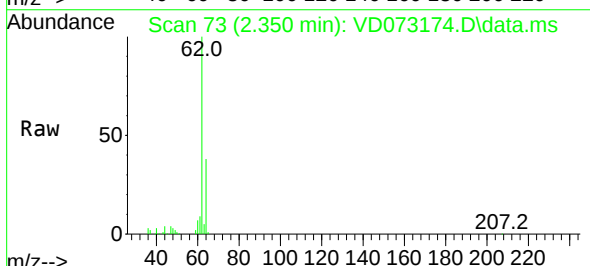
Instrument :
MSVOA_D
ClientSampleId :
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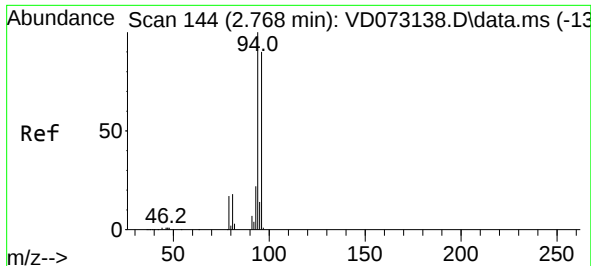
Tgt Ion: 50 Resp: 74110
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.0



#4
Vinyl Chloride
Concen: 20.890 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 62 Resp: 72241
Ion Ratio Lower Upper
62 100
64 37.5 25.4 38.0

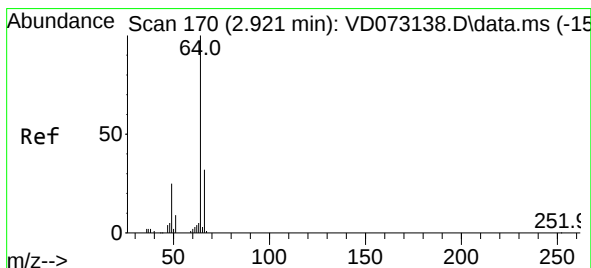
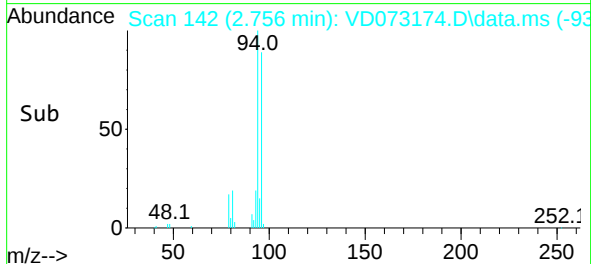
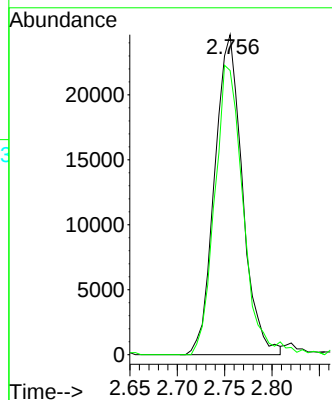
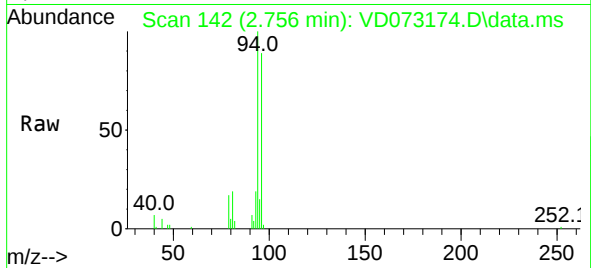




#5
Bromomethane
Concen: 20.269 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

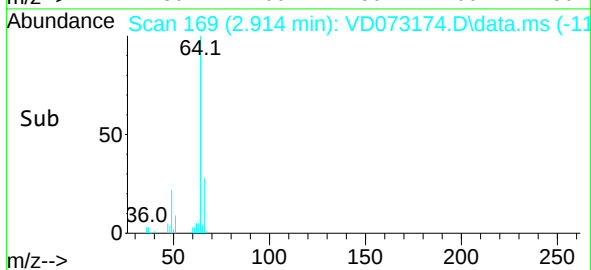
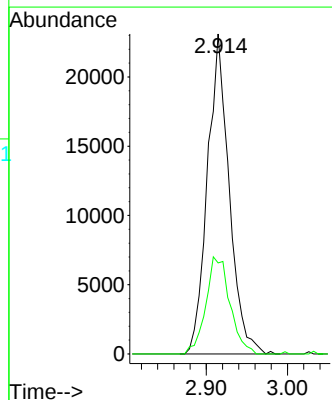
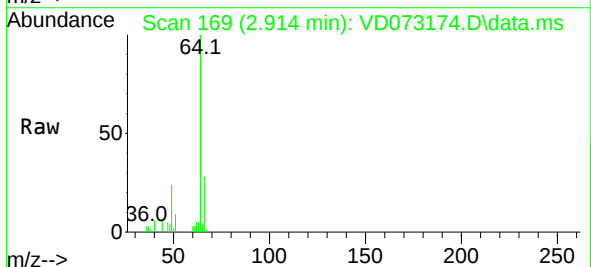
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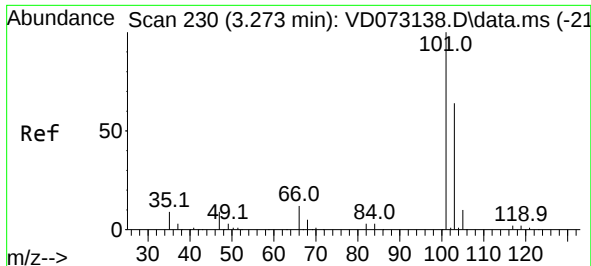
Tgt Ion: 94 Resp: 50256
Ion Ratio Lower Upper
94 100
96 88.8 77.6 116.4



#6
Chloroethane
Concen: 20.219 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 64 Resp: 42983
Ion Ratio Lower Upper
64 100
66 28.4 25.9 38.9

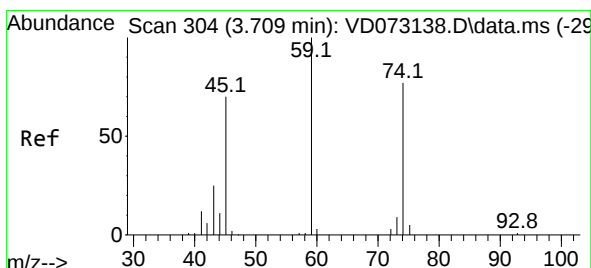
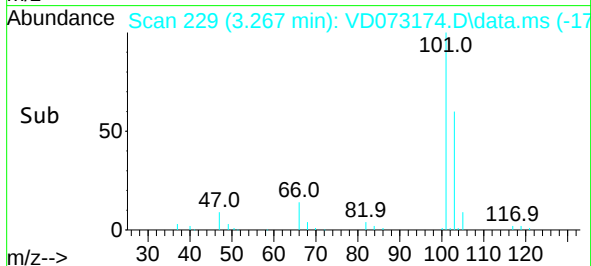
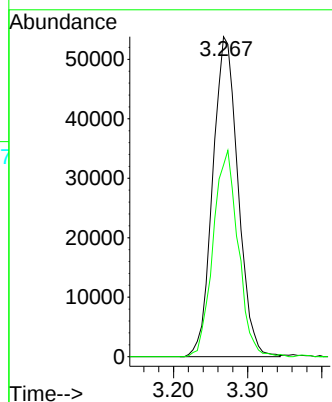
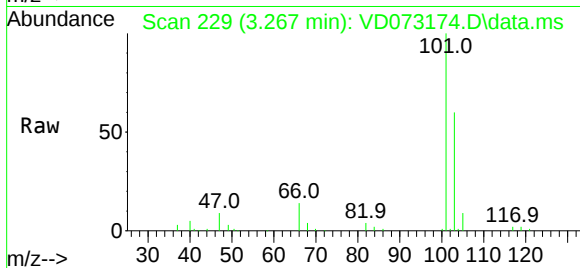




#7
Trichlorofluoromethane
Concen: 20.862 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

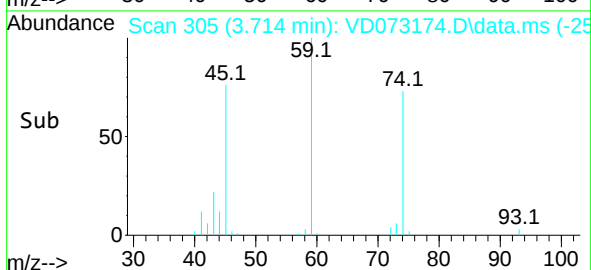
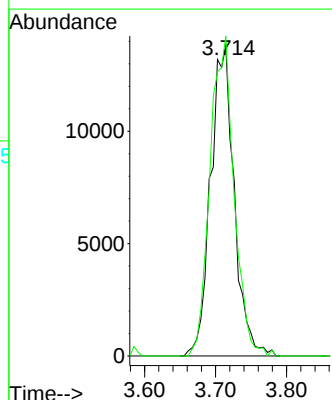
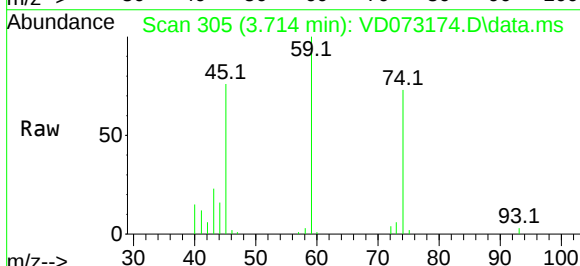
Instrument :
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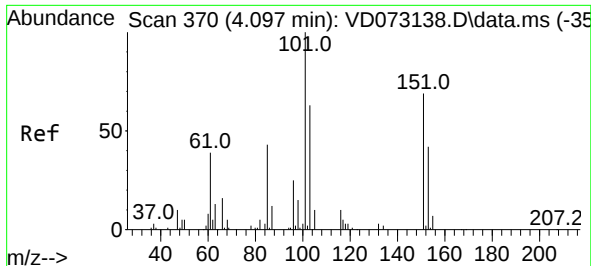
Tgt Ion:101 Resp: 127567
Ion Ratio Lower Upper
101 100
103 59.9 50.1 75.1



#8
Diethyl Ether
Concen: 18.968 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.005 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 74 Resp: 31872
Ion Ratio Lower Upper
74 100
45 104.9 52.6 157.8

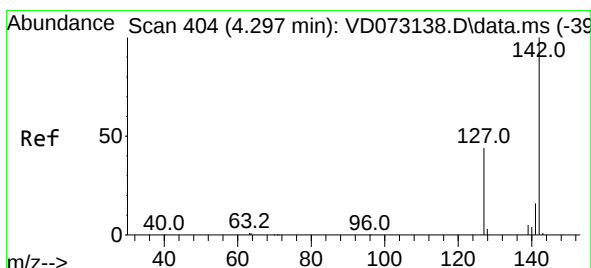
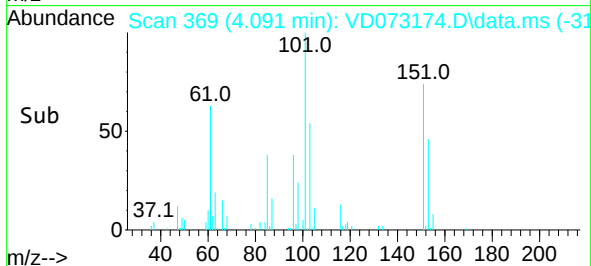
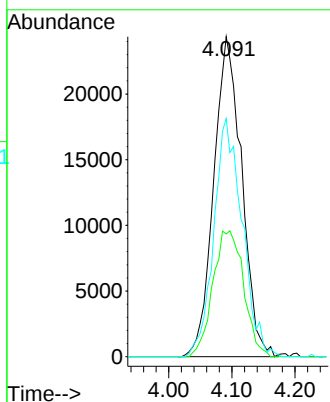
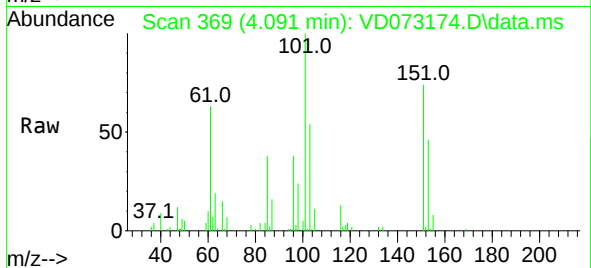




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.510 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

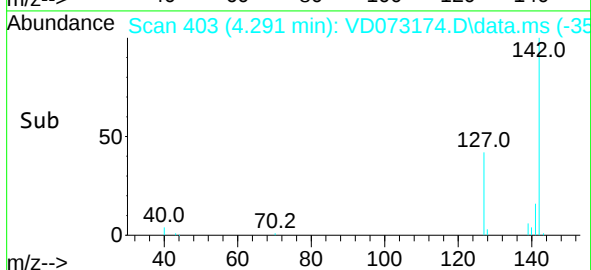
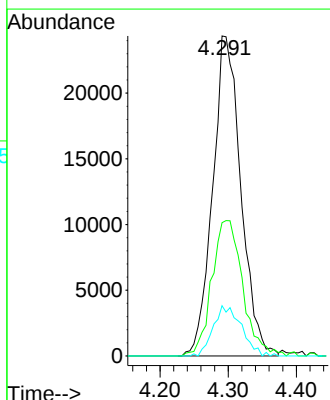
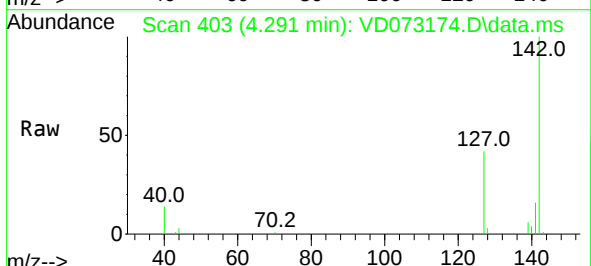
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

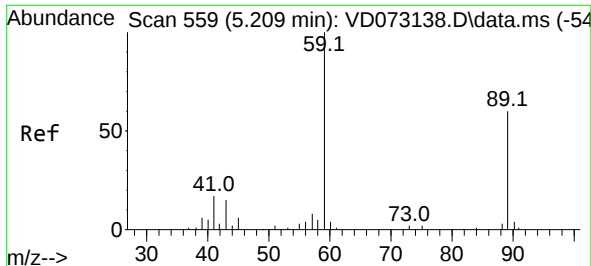
Tgt Ion:101 Resp: 74833
Ion Ratio Lower Upper
101 100
85 43.3 36.4 54.6
151 75.7 57.3 85.9



#10
Methyl Iodide
Concen: 17.804 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion:142 Resp: 70082
Ion Ratio Lower Upper
142 100
127 46.3 37.3 55.9
141 15.7 11.7 17.5





#11

Tert butyl alcohol

Concen: 31.392 ug/l

RT: 5.197 min Scan# 5

Delta R.T. -0.012 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

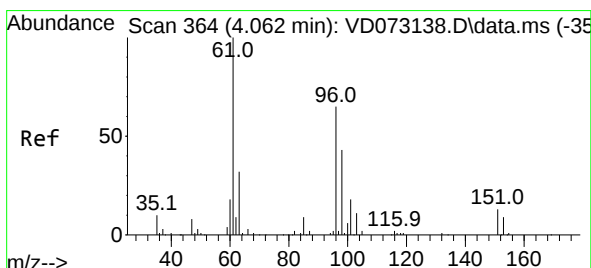
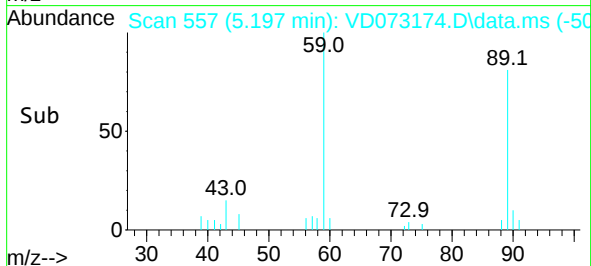
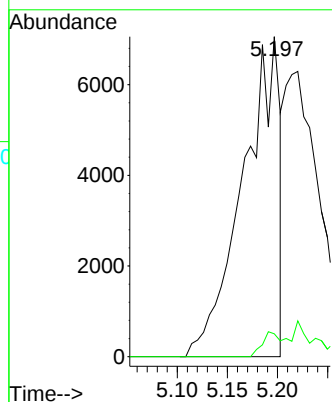
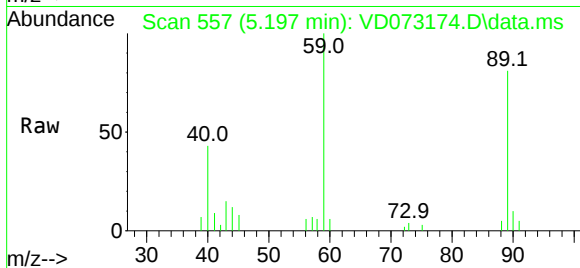
VD0519SBSD03

Tgt Ion: 59 Resp: 18016

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 20.441 ug/l

RT: 4.061 min Scan# 364

Delta R.T. -0.001 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

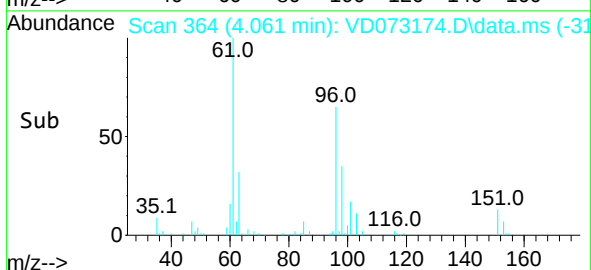
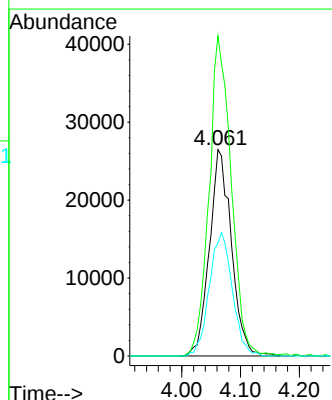
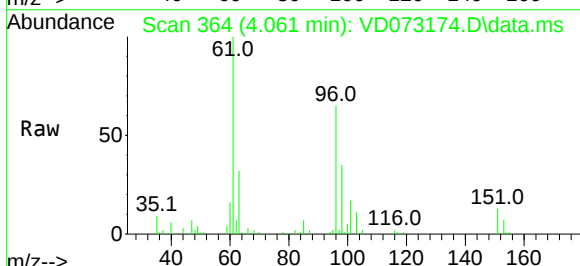
Tgt Ion: 96 Resp: 68759

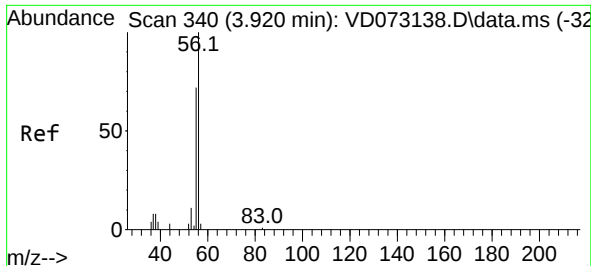
Ion Ratio Lower Upper

96 100

61 155.0 138.5 207.7

98 54.7 48.6 73.0

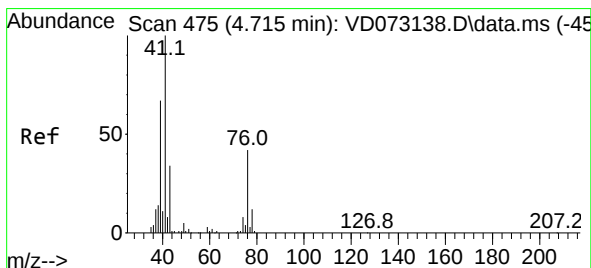
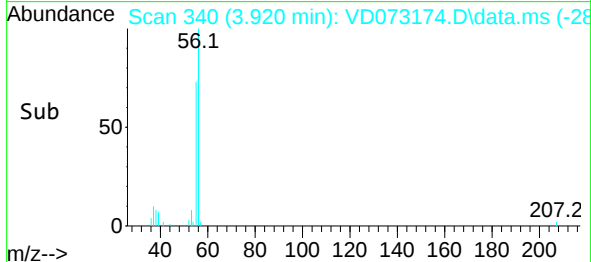
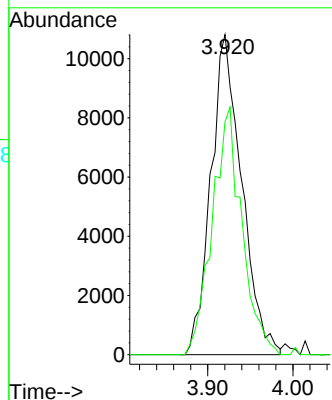
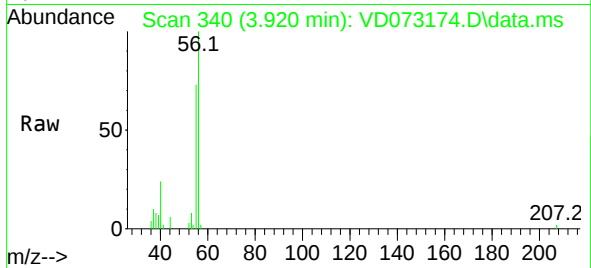




#13
Acrolein
Concen: 110.121 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

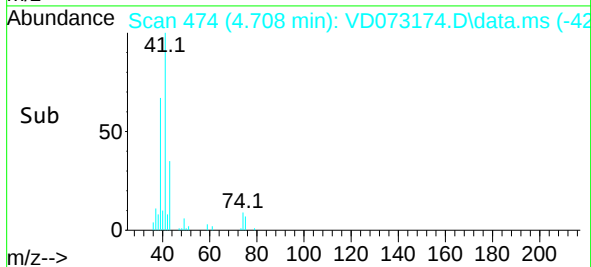
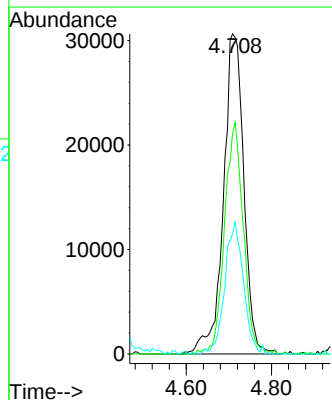
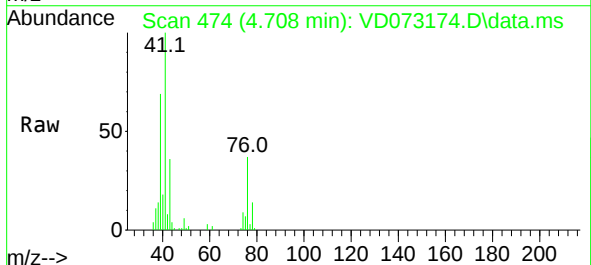
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

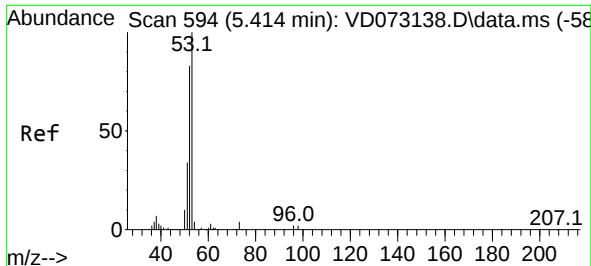
Tgt Ion: 56 Resp: 27209
Ion Ratio Lower Upper
56 100
55 74.1 57.1 85.7



#14
Allyl chloride
Concen: 18.833 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

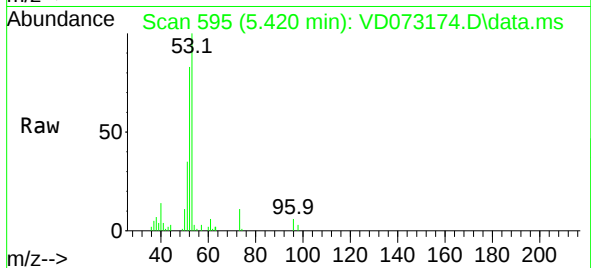
Tgt Ion: 41 Resp: 102259
Ion Ratio Lower Upper
41 100
39 66.8 59.3 88.9
76 37.3 25.7 38.5



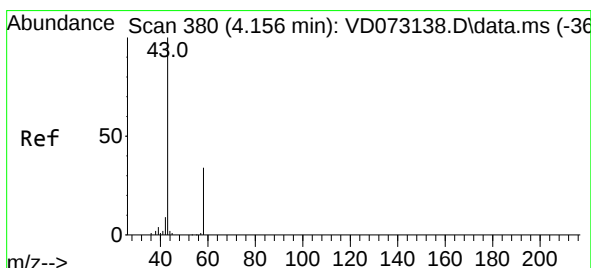
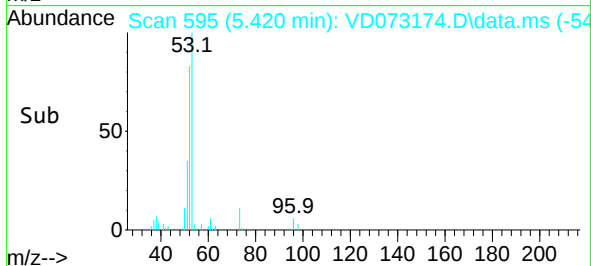
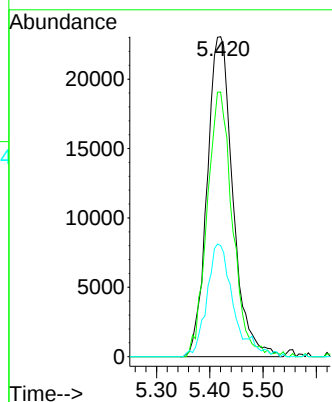


#15
Acrylonitrile
Concen: 100.688 ug/l
RT: 5.420 min Scan# 594
Delta R.T. 0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

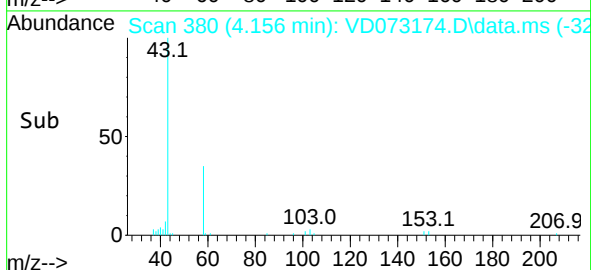
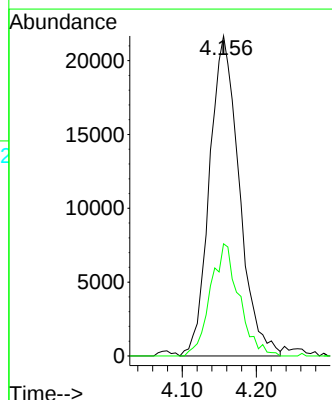
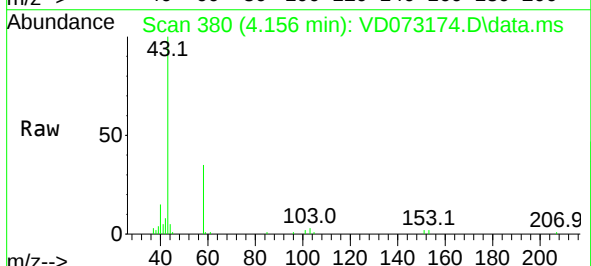


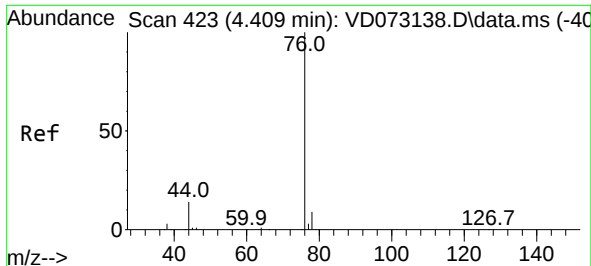
Tgt Ion: 53 Resp: 77364
Ion Ratio Lower Upper
53 100
52 81.4 67.2 100.8
51 36.5 30.3 45.5



#16
Acetone
Concen: 94.254 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 43 Resp: 60390
Ion Ratio Lower Upper
43 100
58 35.0 22.1 33.1#

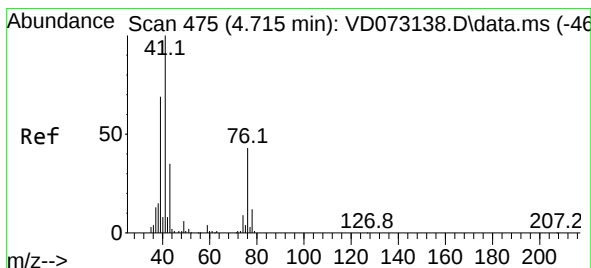
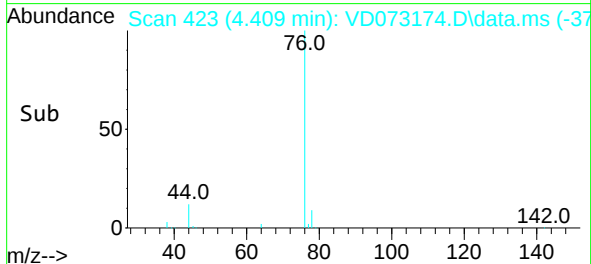
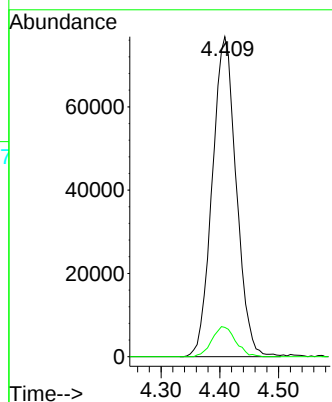
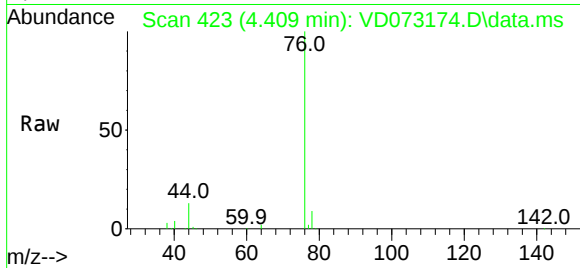




#17
Carbon Disulfide
Concen: 19.570 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

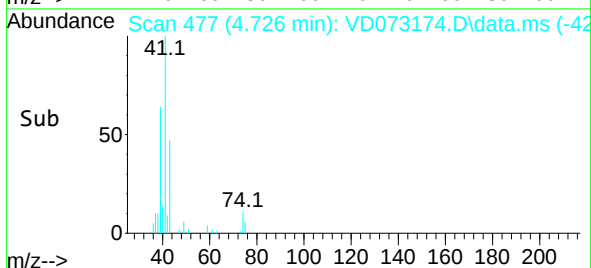
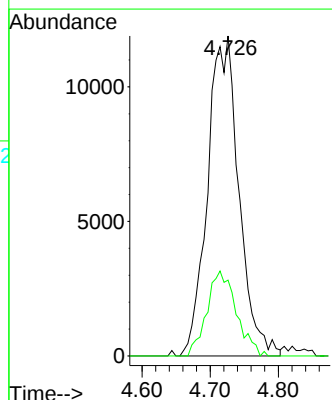
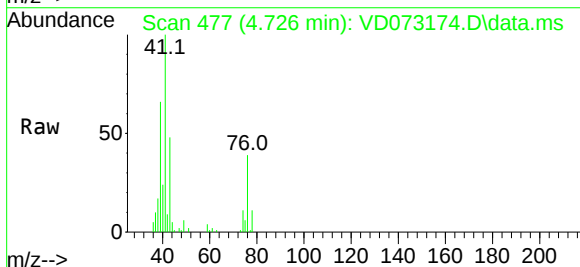
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

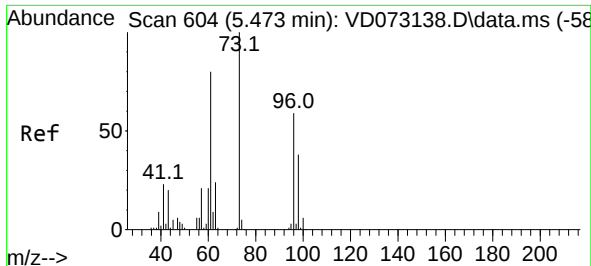
Tgt Ion: 76 Resp: 218230
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 21.346 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 43 Resp: 38030
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1

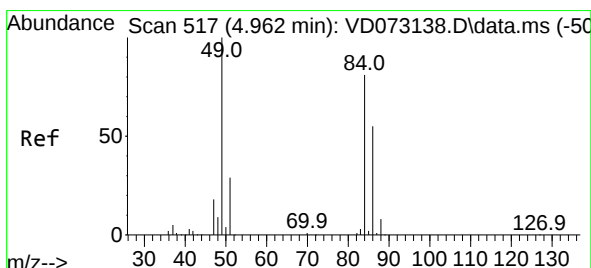
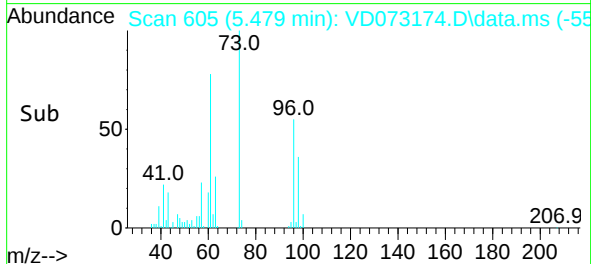
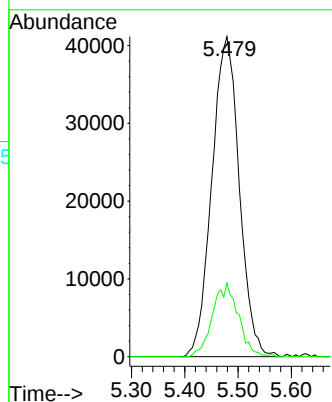
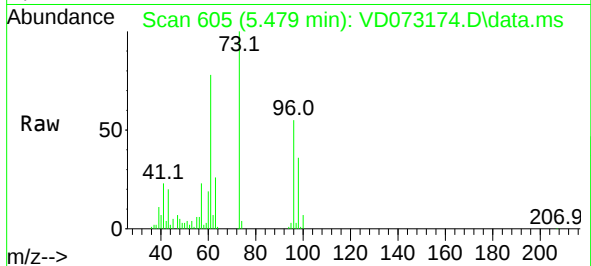




#19
Methyl tert-butyl Ether
Concen: 19.205 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

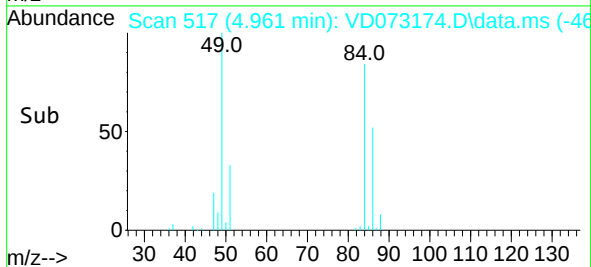
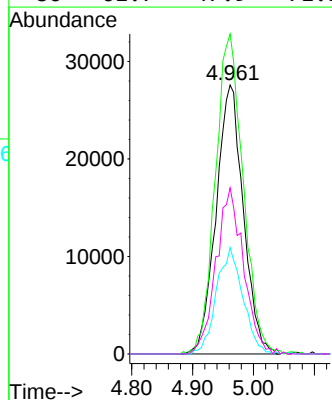
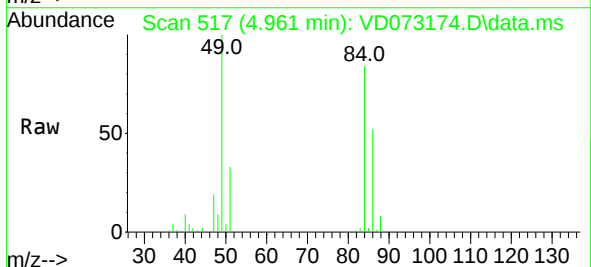
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

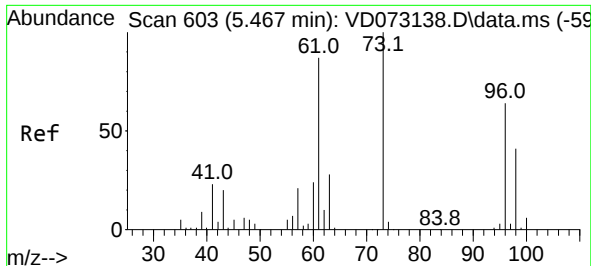
Tgt Ion: 73 Resp: 147174
Ion Ratio Lower Upper
73 100
57 23.0 18.0 27.0



#20
Methylene Chloride
Concen: 18.540 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 84 Resp: 85558
Ion Ratio Lower Upper
84 100
49 119.0 112.8 169.2
51 39.5 32.6 48.8
86 61.7 47.9 71.9

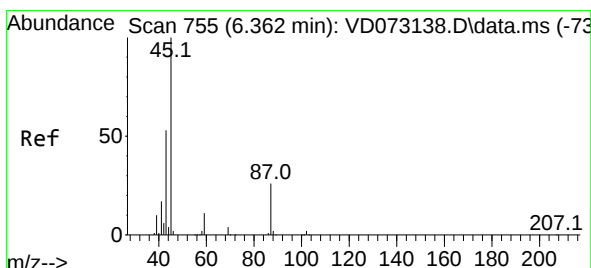
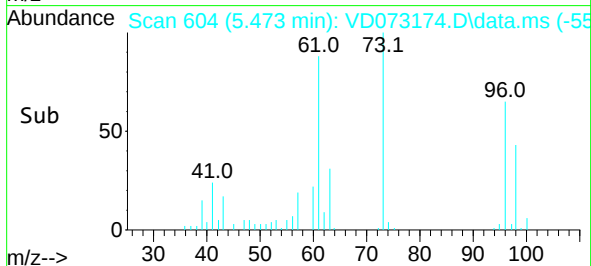
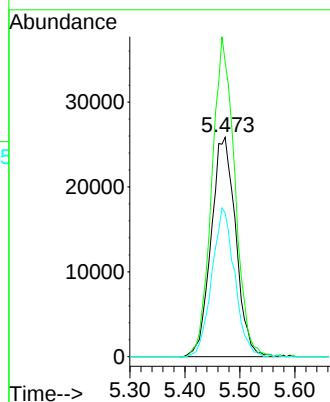
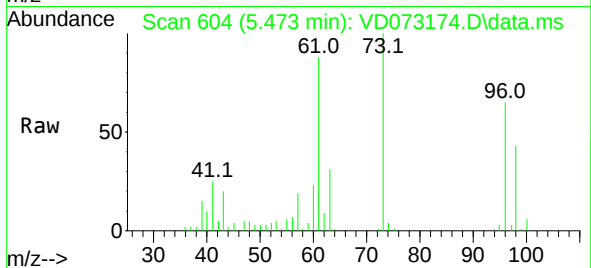




#21
trans-1,2-Dichloroethene
Concen: 19.761 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

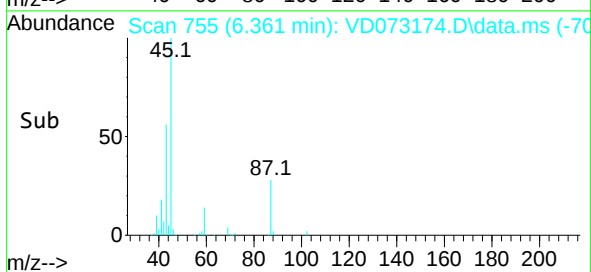
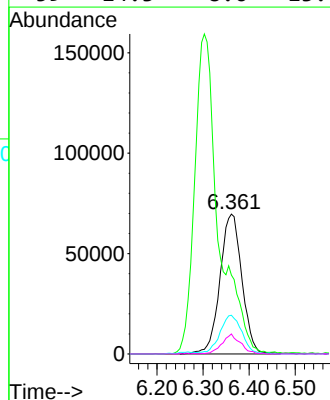
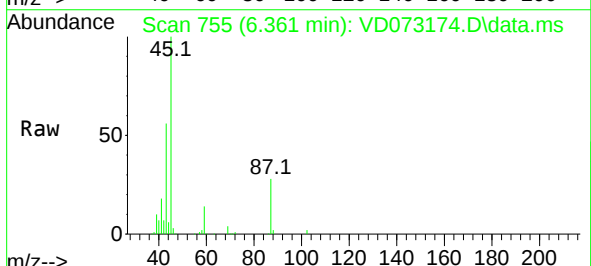
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

Tgt Ion: 96 Resp: 80371
Ion Ratio Lower Upper
96 100
61 134.3 117.9 176.9
98 65.6 49.4 74.2



#22
Diisopropyl ether
Concen: 20.173 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 45 Resp: 229615
Ion Ratio Lower Upper
45 100
43 55.4 46.6 70.0
87 27.7 18.4 27.6#
59 14.3 8.6 13.0#

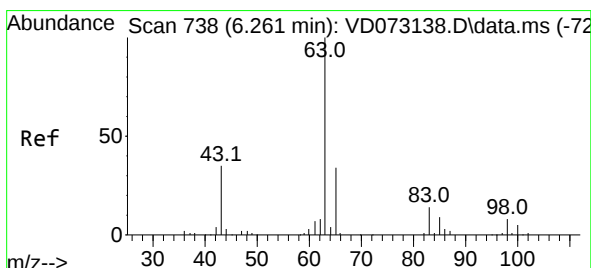
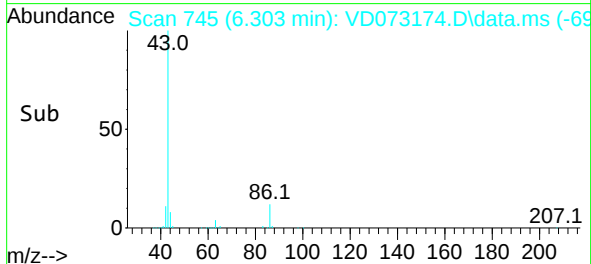
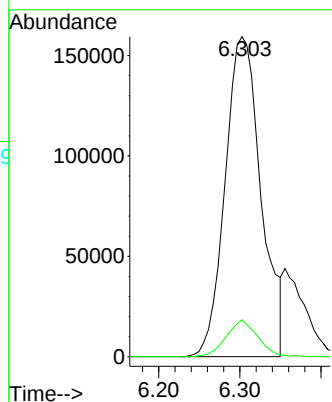
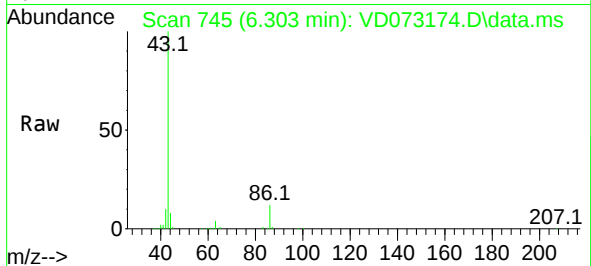




#23
 Vinyl Acetate
 Concen: 80.880 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

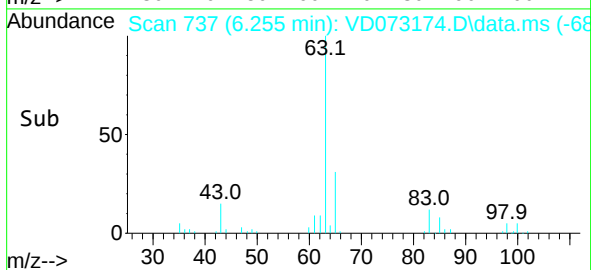
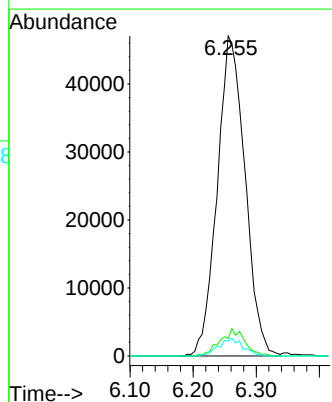
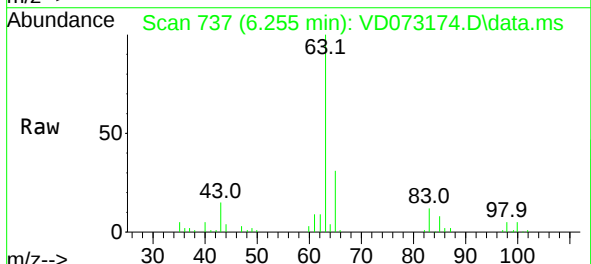
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBS03

Tgt Ion: 43 Resp: 491045
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.662 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

Tgt Ion: 63 Resp: 143650
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.6 10.9
 100 4.7 2.1 6.5

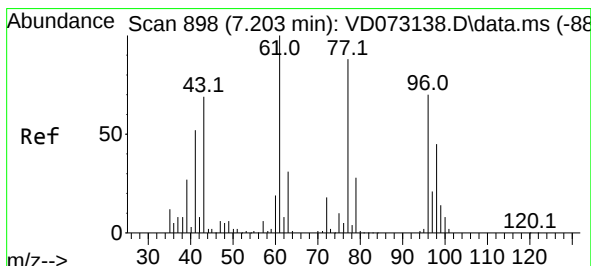
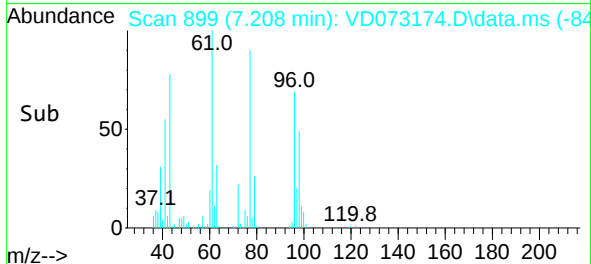
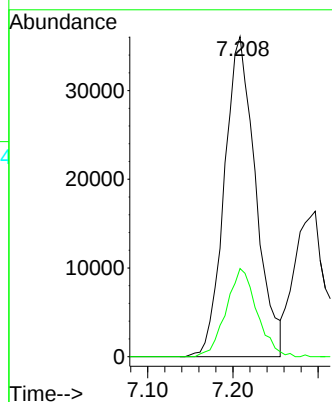
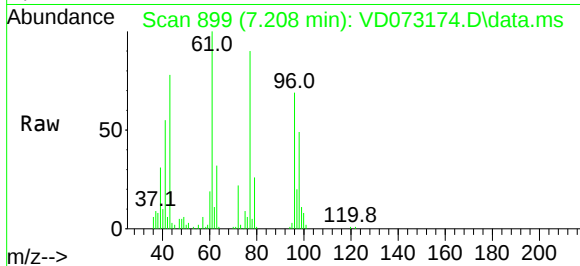




#25
2-Butanone
Concen: 98.154 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

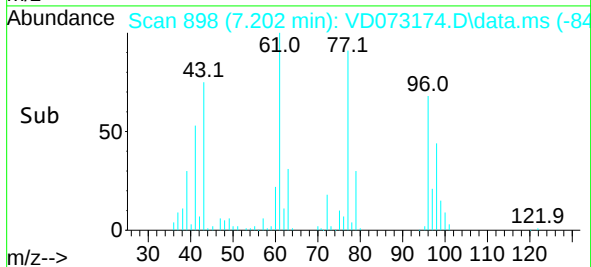
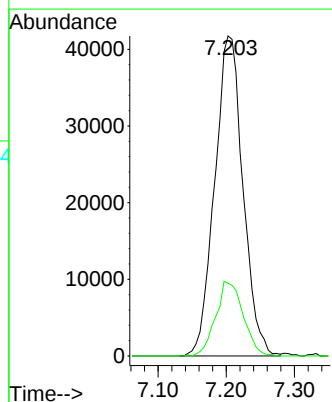
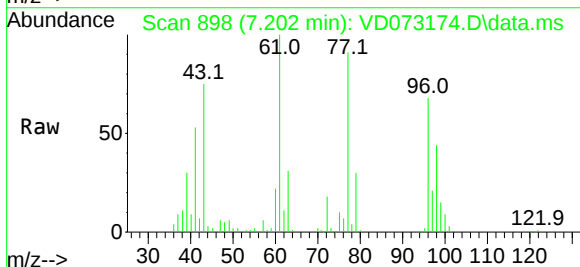
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

Tgt Ion: 43 Resp: 92009
Ion Ratio Lower Upper
43 100
72 27.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 19.335 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 77 Resp: 120471
Ion Ratio Lower Upper
77 100
97 22.6 10.8 32.4

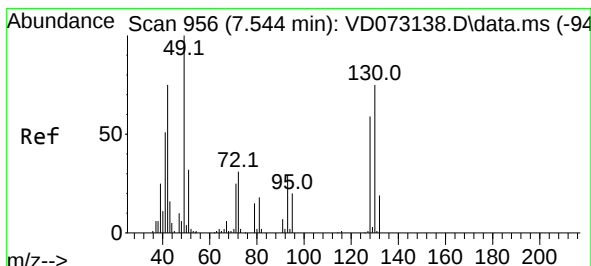
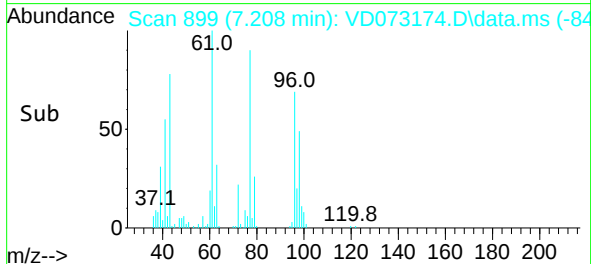
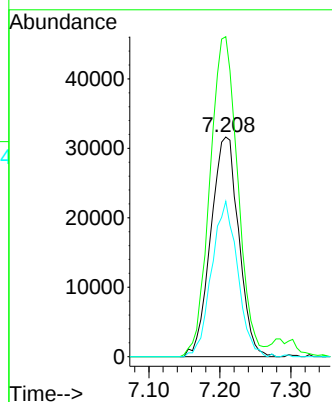
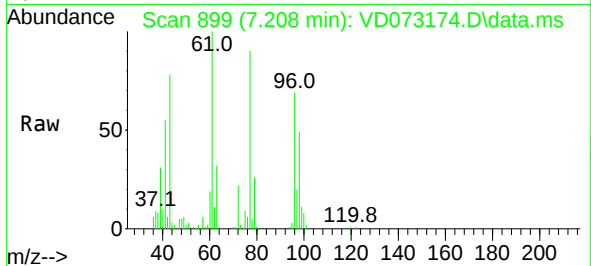




#27
 cis-1,2-Dichloroethene
 Concen: 19.205 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

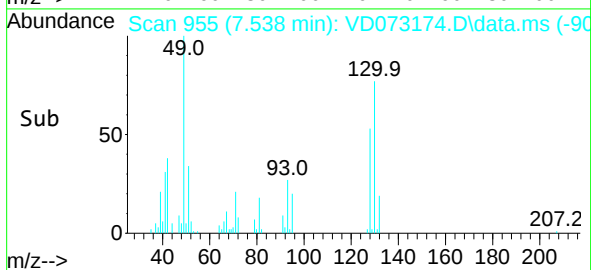
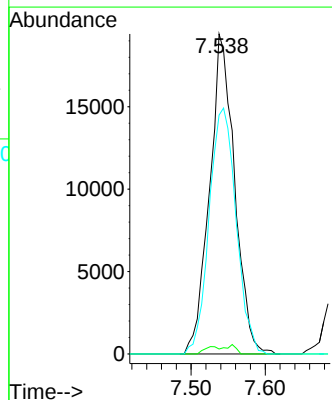
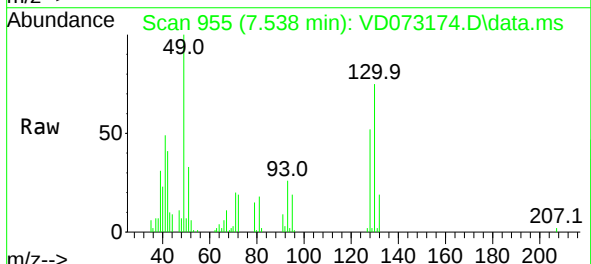
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD03

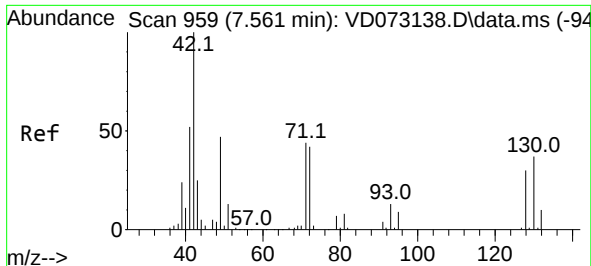
Tgt Ion: 96 Resp: 86429
 Ion Ratio Lower Upper
 96 100
 61 145.5 0.0 313.8
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 18.078 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

Tgt Ion: 49 Resp: 45502
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 4.0
 130 82.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 97.670 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

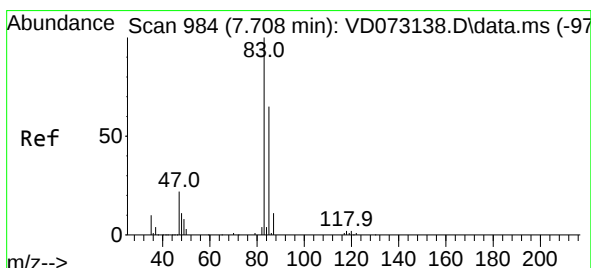
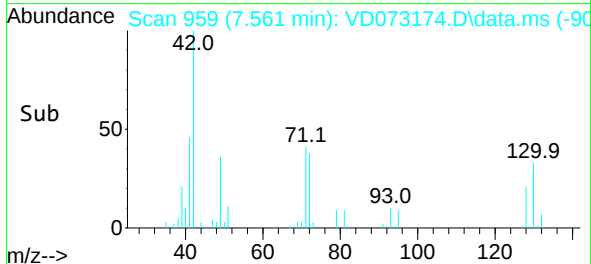
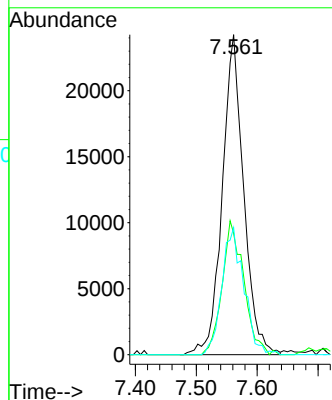
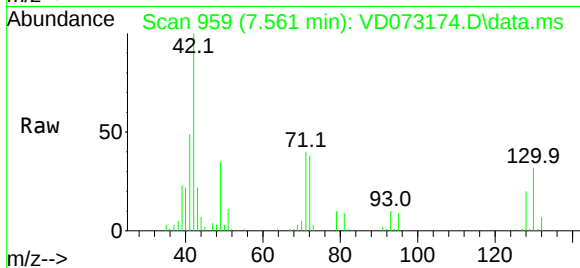
Tgt Ion: 42 Resp: 59201

Ion Ratio Lower Upper

42 100

72 42.3 30.7 46.1

71 41.0 28.6 43.0



#30

Chloroform

Concen: 20.248 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD073174.D

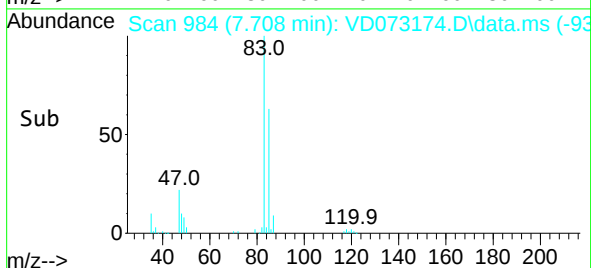
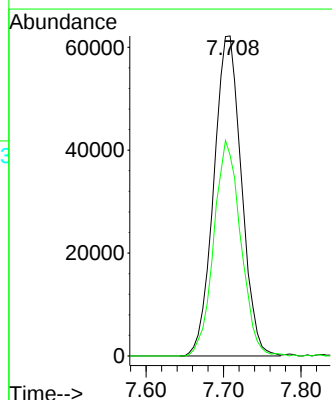
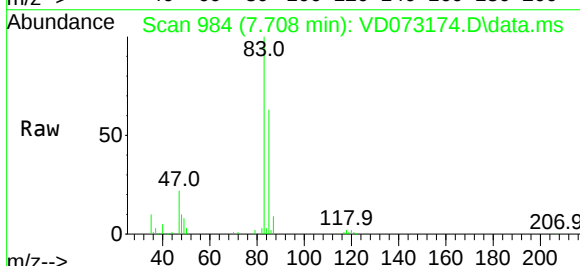
Acq: 20 May 2022 09:37

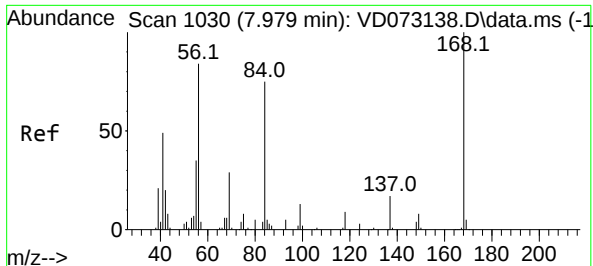
Tgt Ion: 83 Resp: 154441

Ion Ratio Lower Upper

83 100

85 62.7 52.7 79.1





#31

Cyclohexane

Concen: 19.153 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

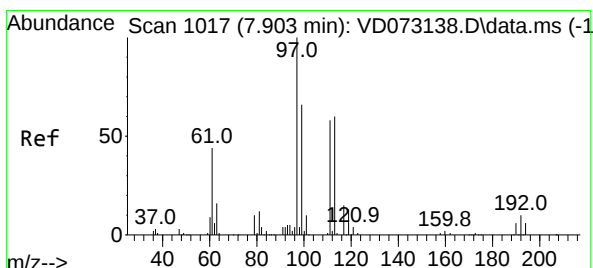
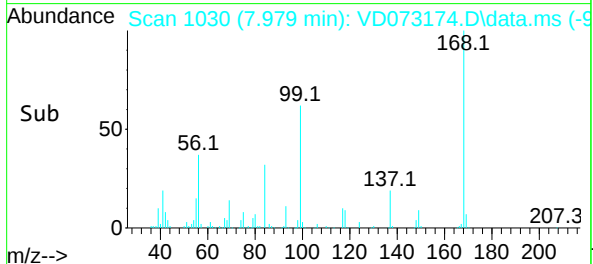
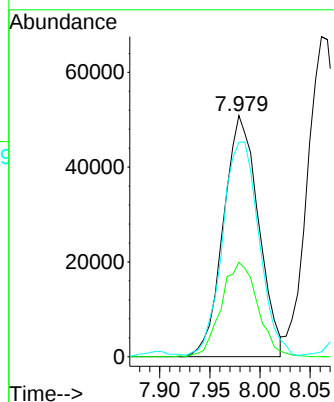
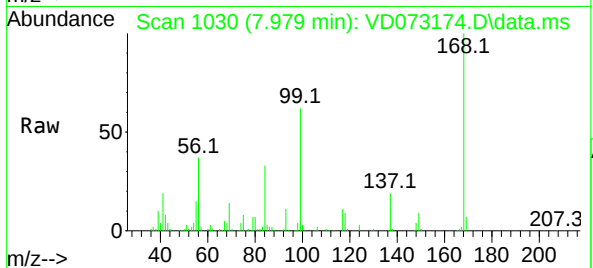
Tgt Ion: 56 Resp: 123808

Ion Ratio Lower Upper

56 100

69 38.9 25.4 38.2#

84 87.8 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 19.889 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

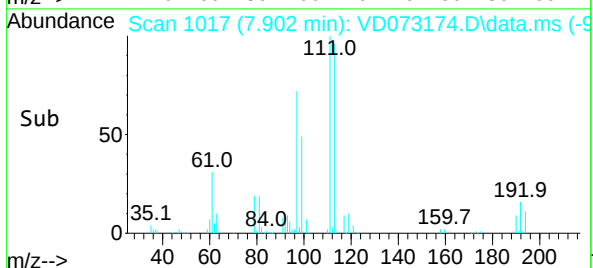
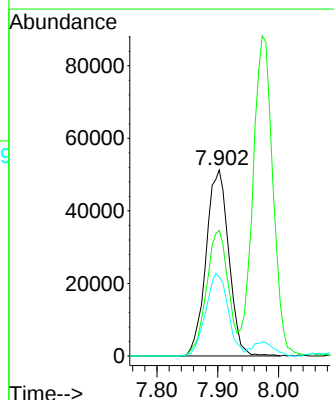
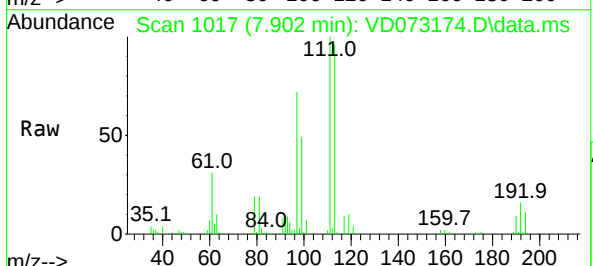
Tgt Ion: 97 Resp: 132685

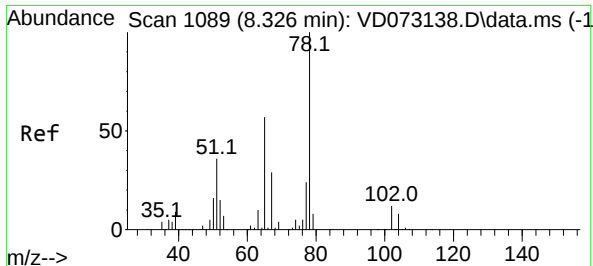
Ion Ratio Lower Upper

97 100

99 64.7 52.4 78.6

61 43.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.429 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

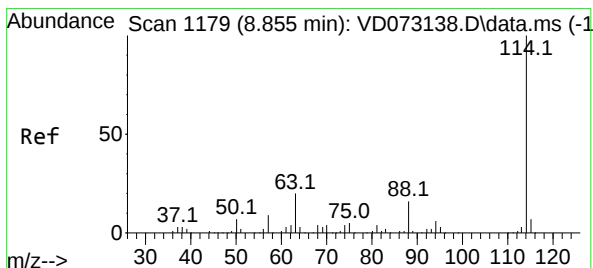
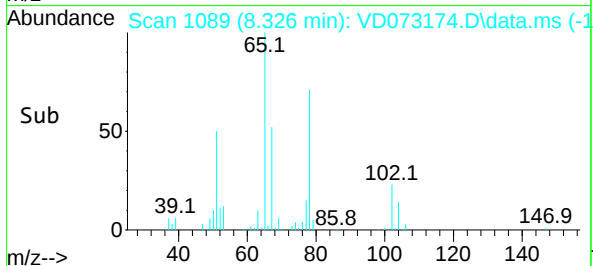
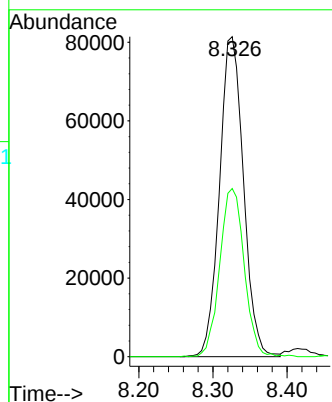
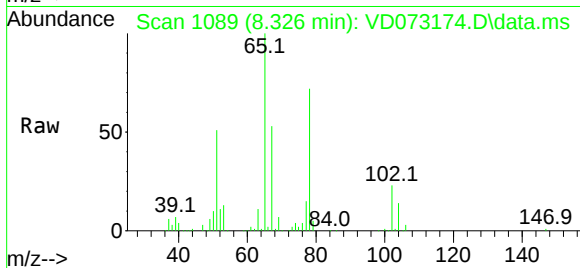
VD0519SBSD03

Tgt Ion: 65 Resp: 182842

Ion Ratio Lower Upper

65 100

67 53.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

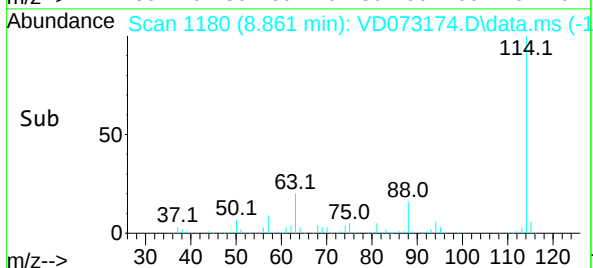
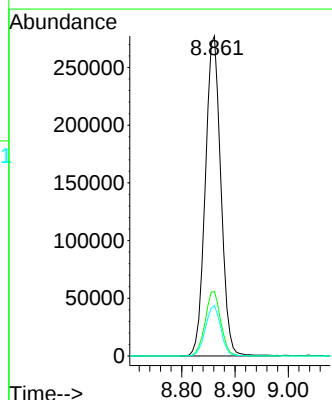
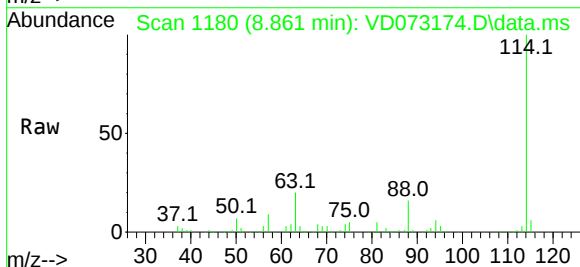
Tgt Ion: 114 Resp: 560324

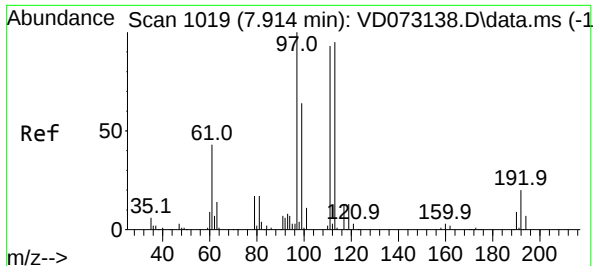
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.920 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

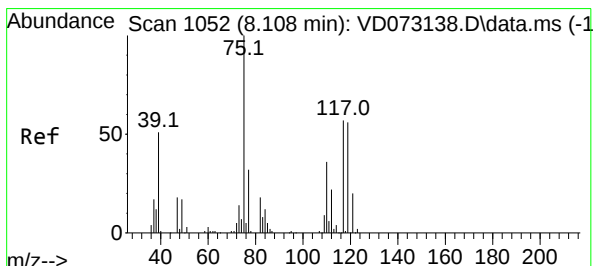
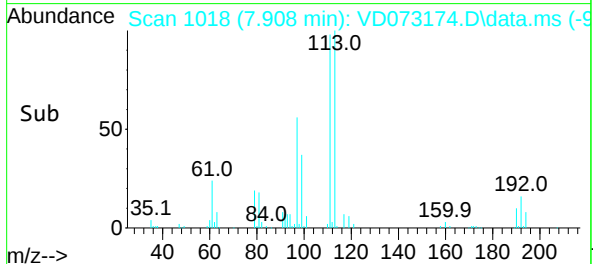
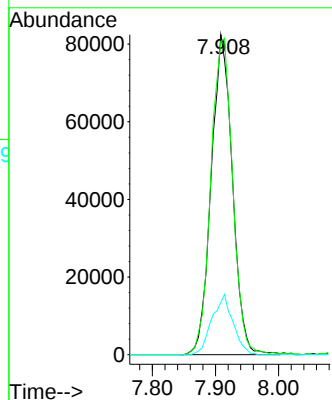
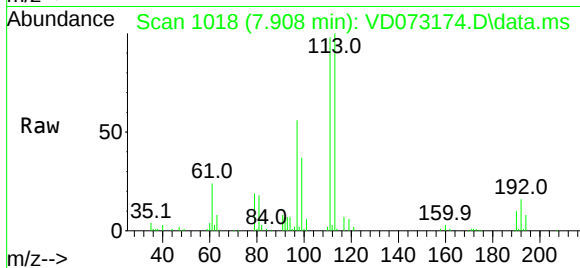
Tgt Ion:113 Resp: 191969

Ion Ratio Lower Upper

113 100

111 101.9 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 20.166 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

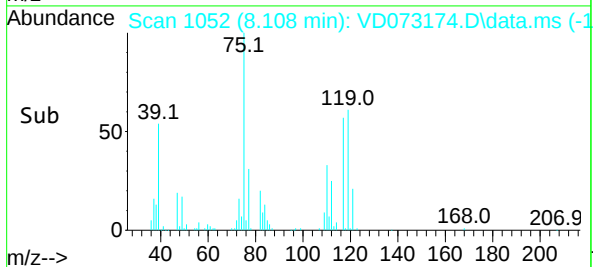
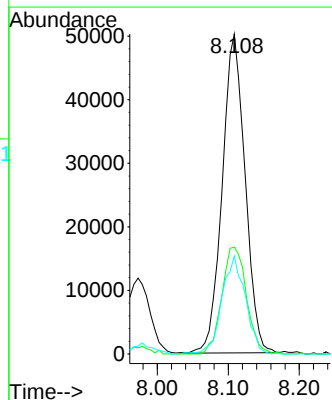
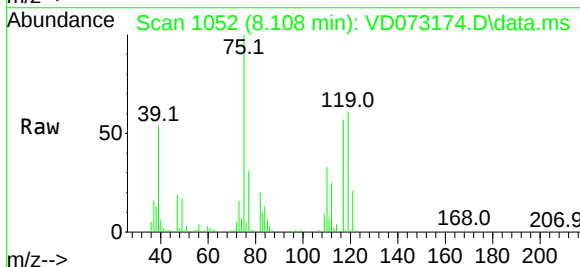
Tgt Ion: 75 Resp: 112138

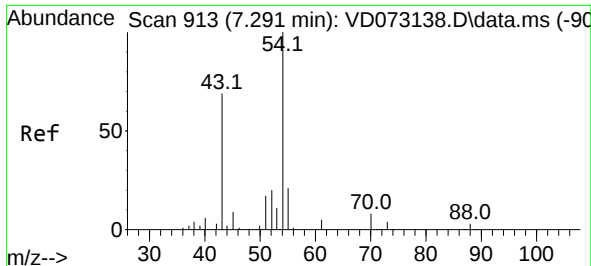
Ion Ratio Lower Upper

75 100

110 36.1 16.4 49.1

77 31.6 24.2 36.2





#37

Ethyl Acetate

Concen: 20.037 ug/l

RT: 7.297 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

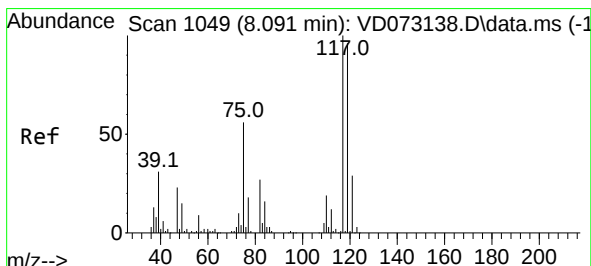
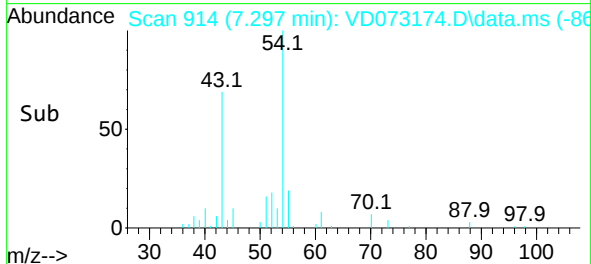
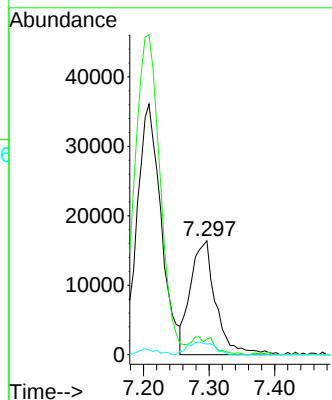
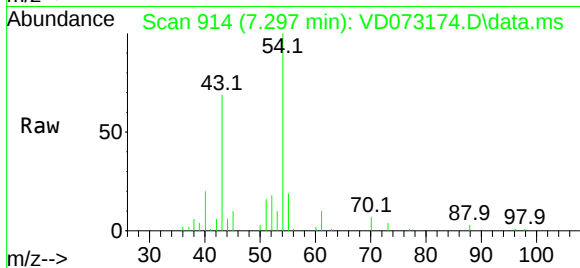
Tgt Ion: 43 Resp: 44011

Ion Ratio Lower Upper

43 100

61 15.2 9.8 14.8#

70 11.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 21.031 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. 0.006 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

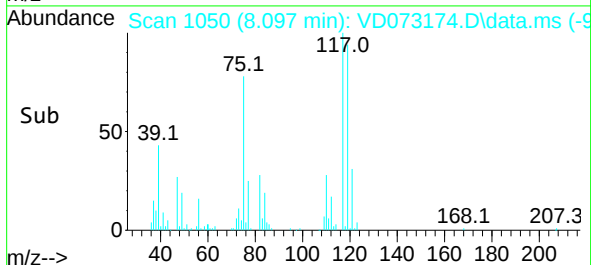
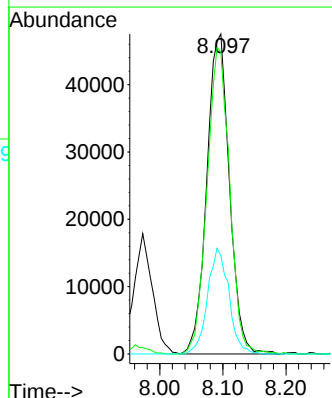
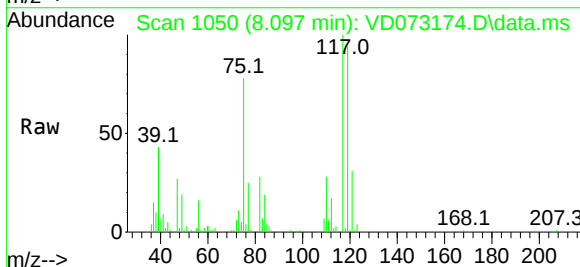
Tgt Ion: 117 Resp: 118546

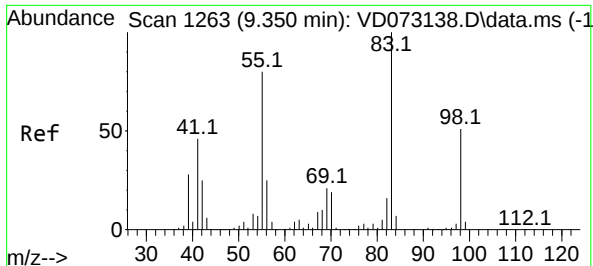
Ion Ratio Lower Upper

117 100

119 94.4 75.8 113.6

121 30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 19.776 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

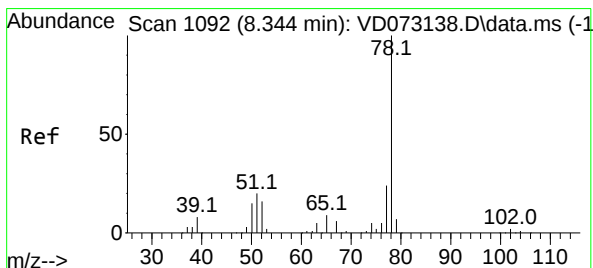
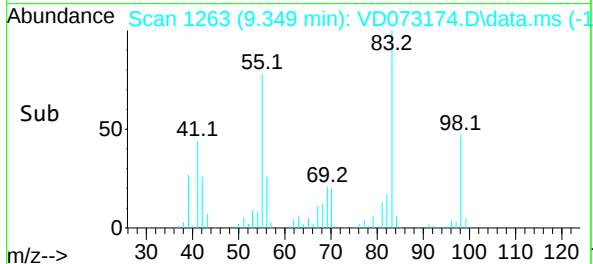
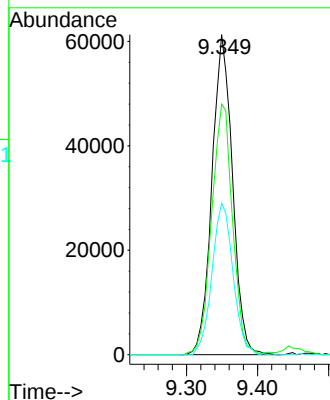
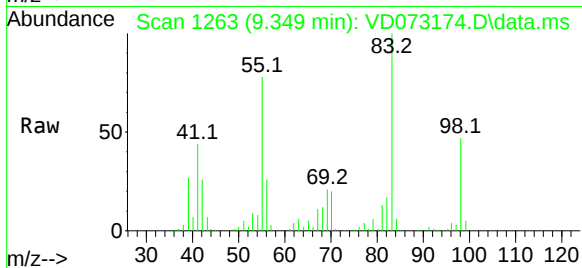
Tgt Ion: 83 Resp: 122558

Ion Ratio Lower Upper

83 100

55 78.3 63.2 94.8

98 47.3 38.2 57.4



#40

Benzene

Concen: 20.463 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073174.D

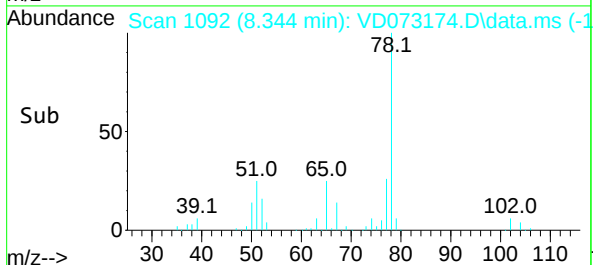
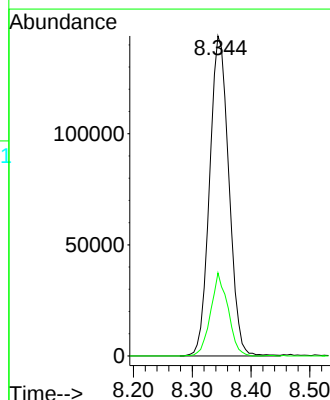
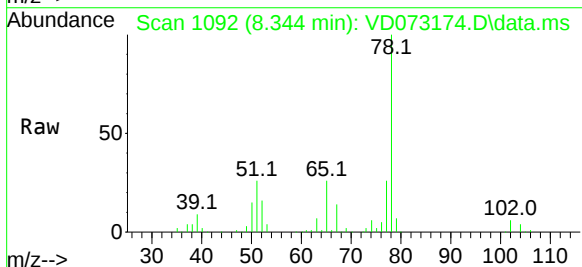
Acq: 20 May 2022 09:37

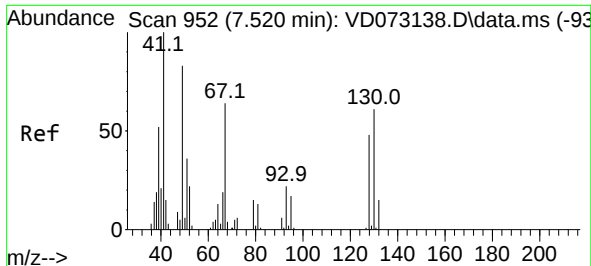
Tgt Ion: 78 Resp: 327951

Ion Ratio Lower Upper

78 100

77 26.0 19.1 28.7

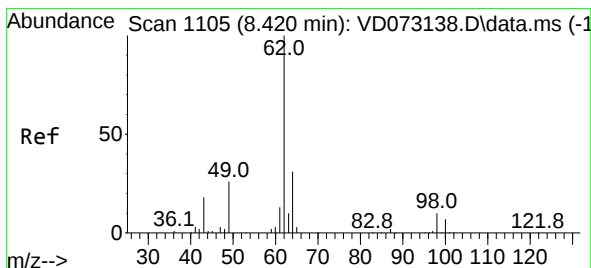
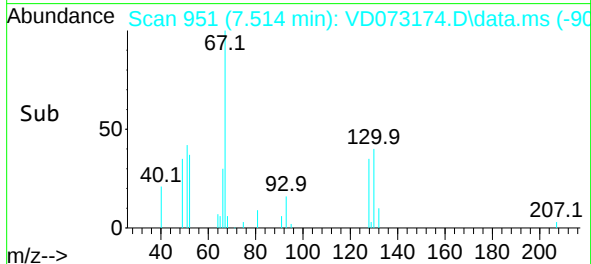
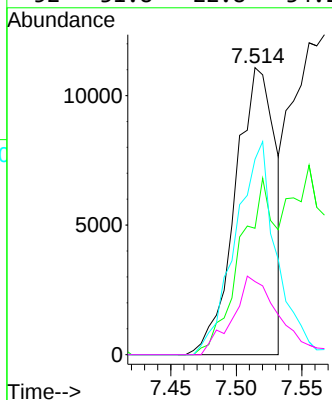
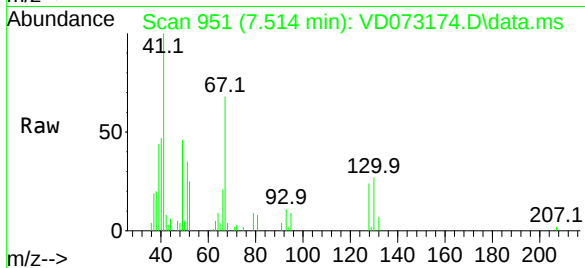




#41
Methacrylonitrile
Concen: 18.337 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

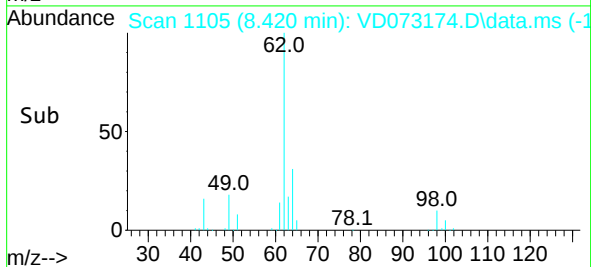
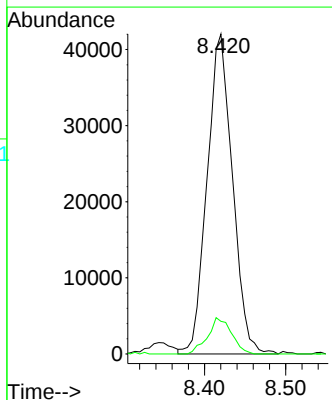
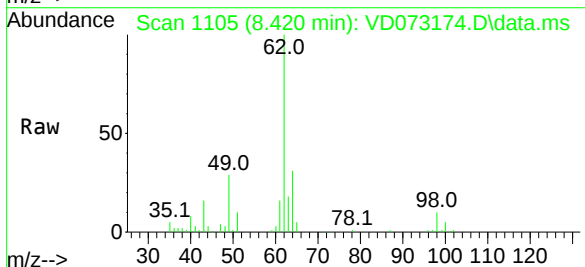
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

Tgt Ion: 41 Resp: 23467
Ion Ratio Lower Upper
41 100
39 55.1 44.6 67.0
67 76.9 48.2 72.4#
52 31.8 22.8 34.2



#42
1,2-Dichloroethane
Concen: 20.492 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 62 Resp: 91379
Ion Ratio Lower Upper
62 100
98 10.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 19.575 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

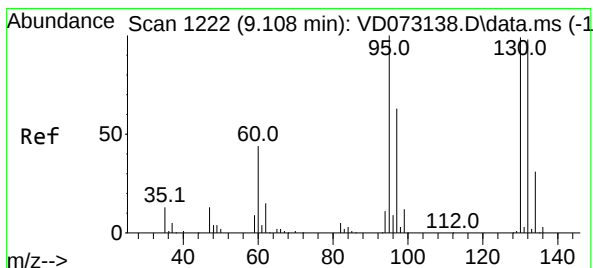
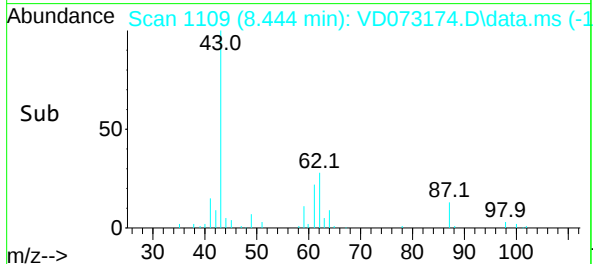
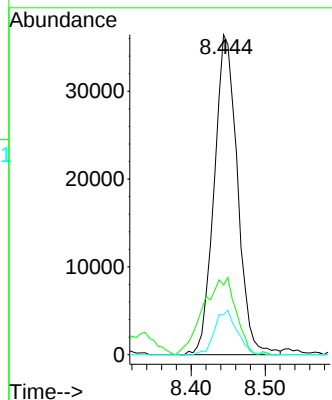
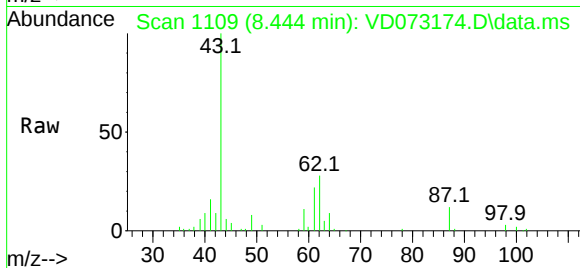
Tgt Ion: 43 Resp: 79474

Ion Ratio Lower Upper

43 100

61 34.0 22.4 33.6#

87 13.5 8.7 13.1#



#44

Trichloroethene

Concen: 20.827 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD073174.D

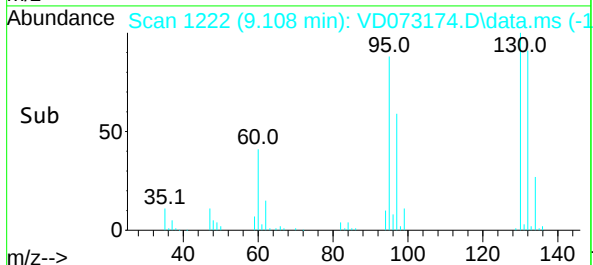
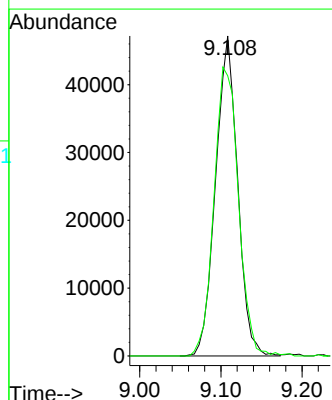
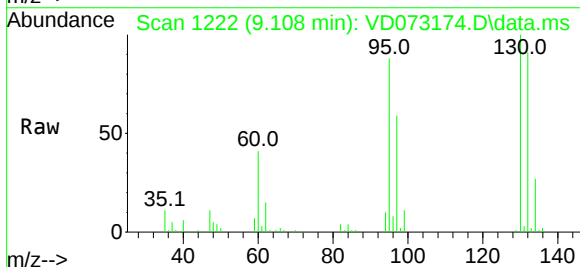
Acq: 20 May 2022 09:37

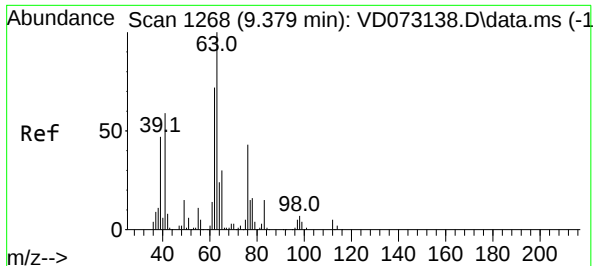
Tgt Ion:130 Resp: 89007

Ion Ratio Lower Upper

130 100

95 87.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.293 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

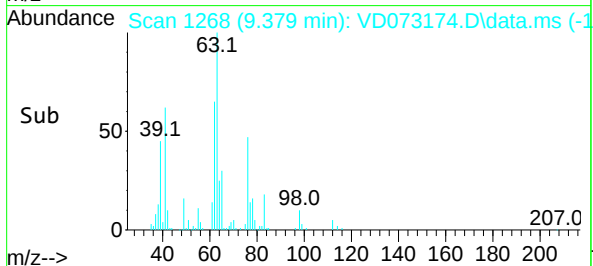
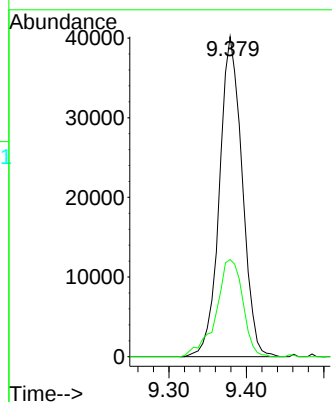
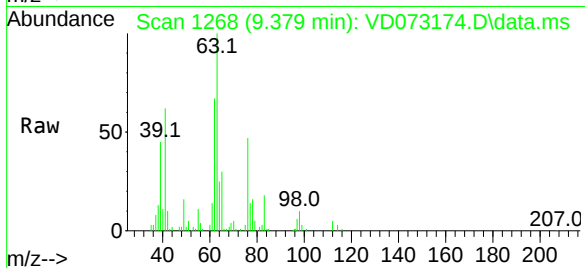
VD0519SBS03

Tgt Ion: 63 Resp: 81903

Ion Ratio Lower Upper

63 100

65 30.4 26.2 39.4



#46

Dibromomethane

Concen: 19.805 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

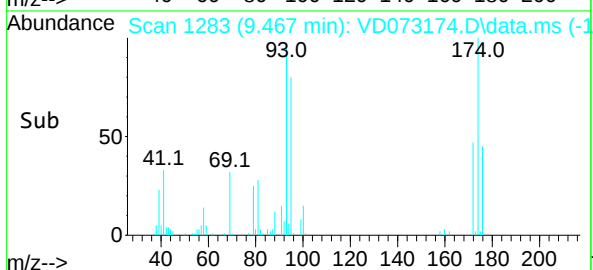
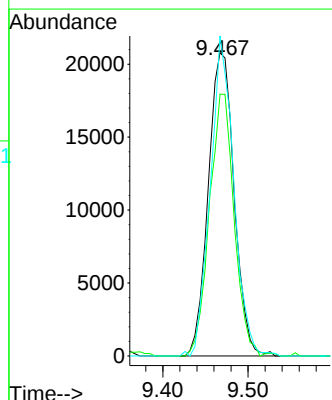
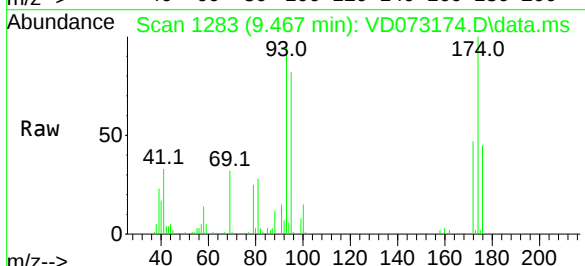
Tgt Ion: 93 Resp: 43901

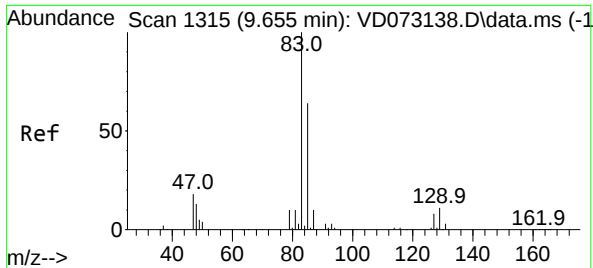
Ion Ratio Lower Upper

93 100

95 82.4 66.7 100.1

174 95.7 71.6 107.4

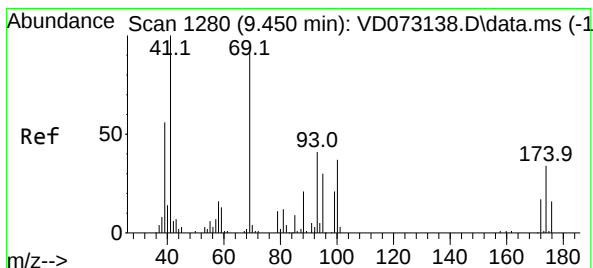
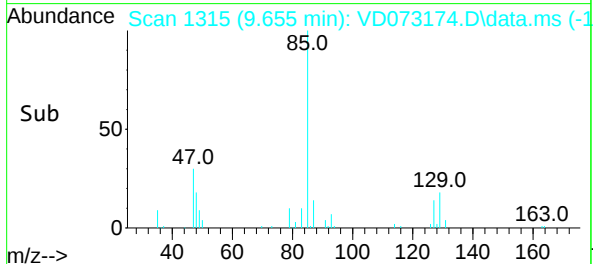
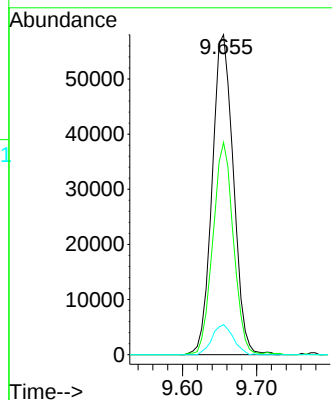
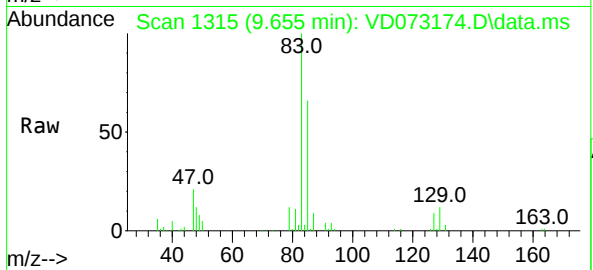




#47
Bromodichloromethane
Concen: 20.381 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

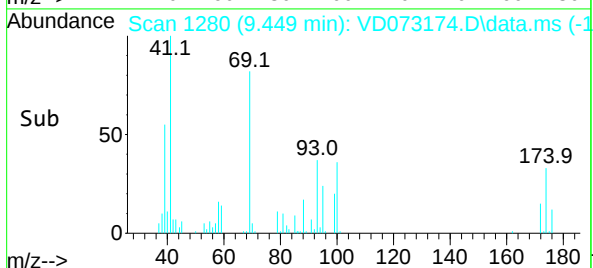
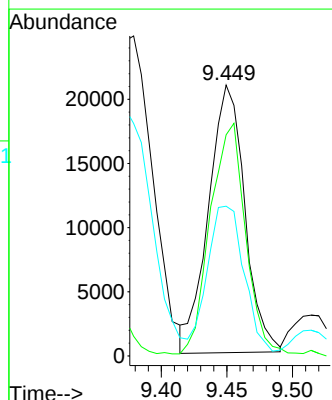
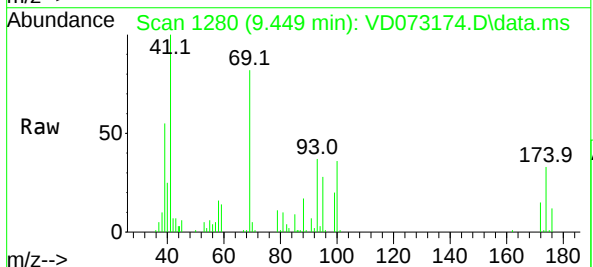
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

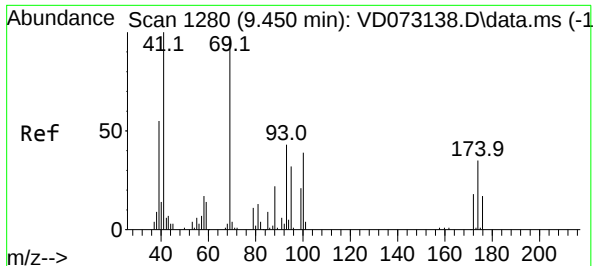
Tgt Ion: 83 Resp: 115594
Ion Ratio Lower Upper
83 100
85 66.4 51.4 77.0
127 9.4 6.1 9.1#



#48
Methyl methacrylate
Concen: 19.613 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 41 Resp: 40062
Ion Ratio Lower Upper
41 100
69 83.9 56.7 85.1
39 57.6 42.7 64.1

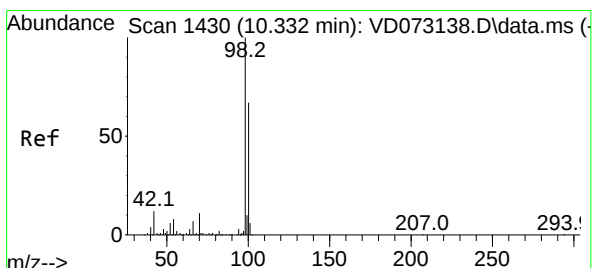
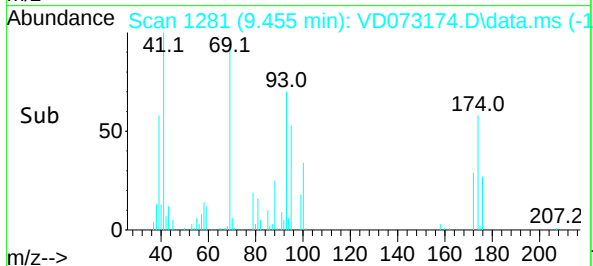
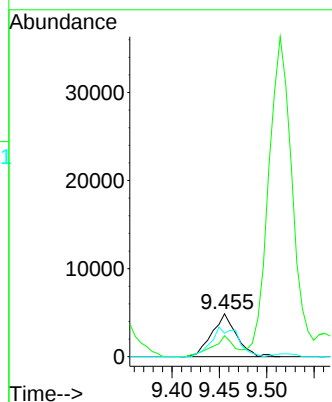
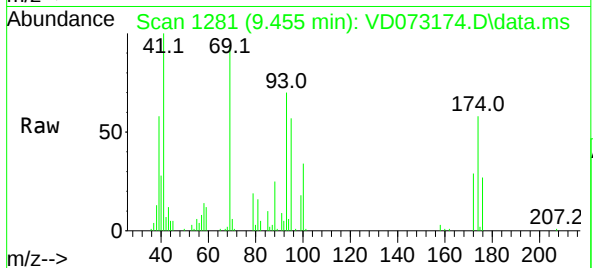




#49
1,4-Dioxane
Concen: 382.979 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

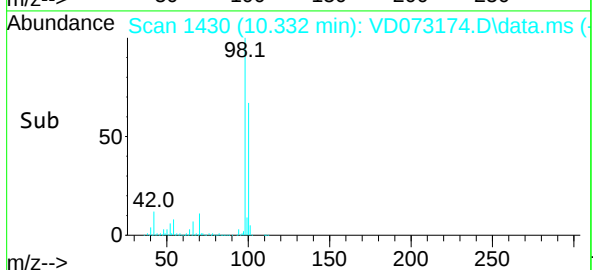
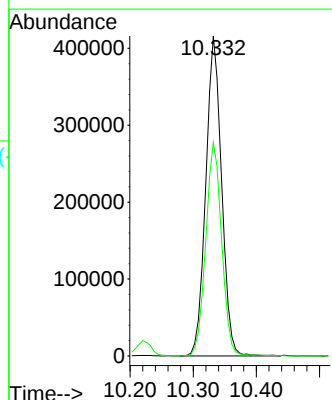
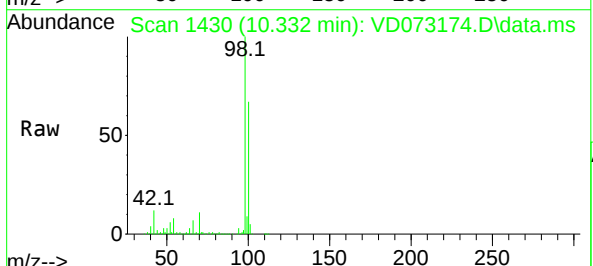
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBS03

Tgt Ion: 88 Resp: 8767
Ion Ratio Lower Upper
88 100
43 42.4 31.0 46.4
58 75.7 58.1 87.1



#50
Toluene-d8
Concen: 53.155 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 98 Resp: 724479
Ion Ratio Lower Upper
98 100
100 67.2 52.4 78.6

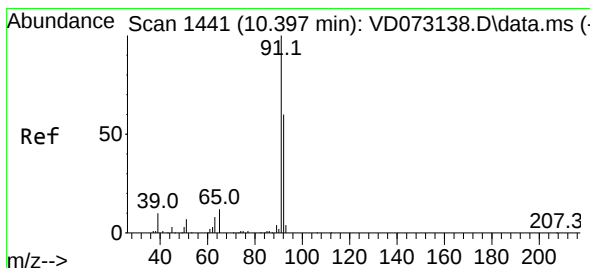
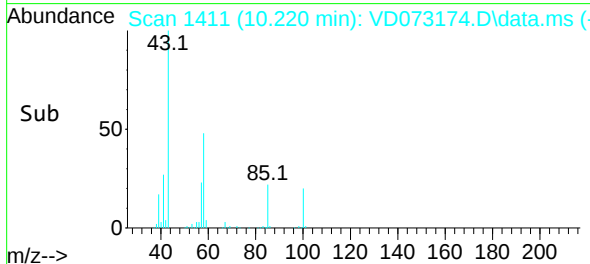
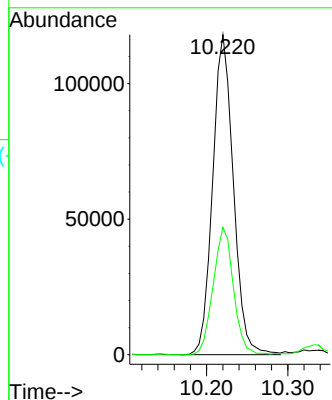
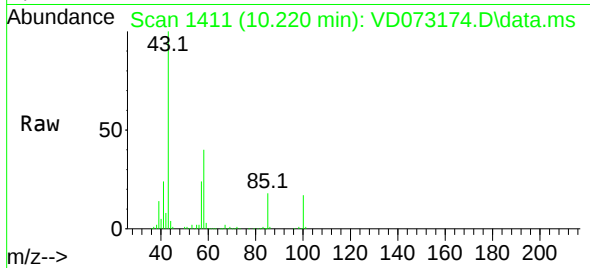




#51
4-Methyl-2-Pentanone
Concen: 99.224 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

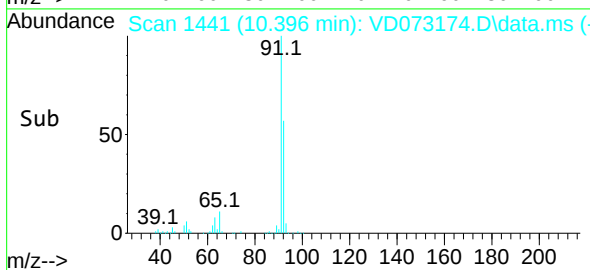
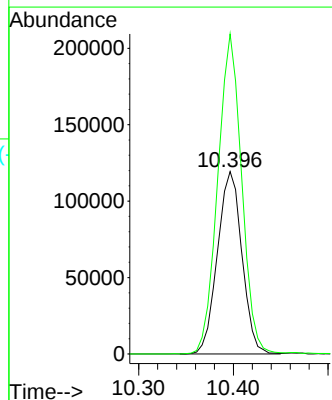
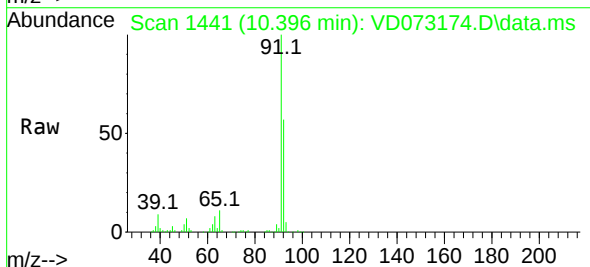
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

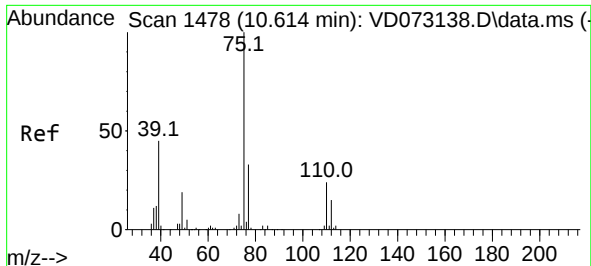
Tgt Ion: 43 Resp: 209227
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0



#52
Toluene
Concen: 21.186 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 92 Resp: 214562
Ion Ratio Lower Upper
92 100
91 171.9 139.6 209.4

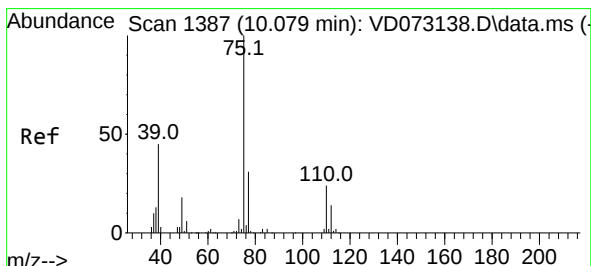
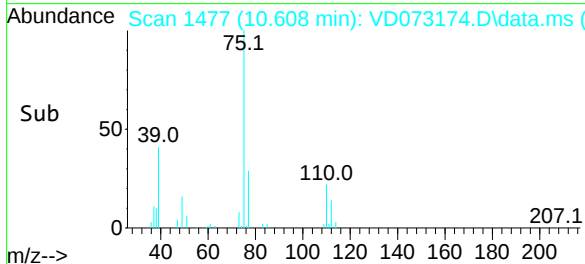
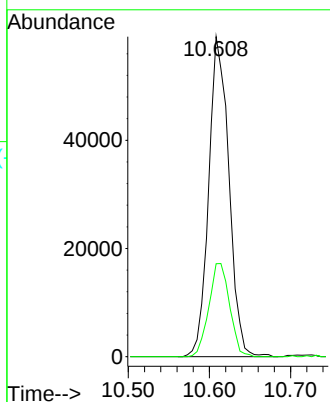
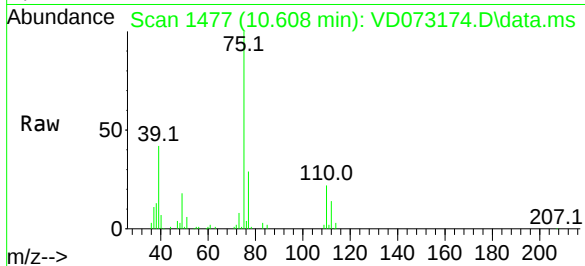




#53
t-1,3-Dichloropropene
Concen: 19.961 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

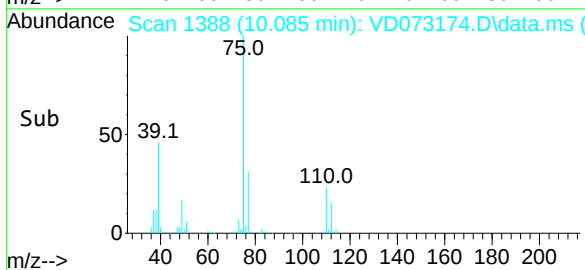
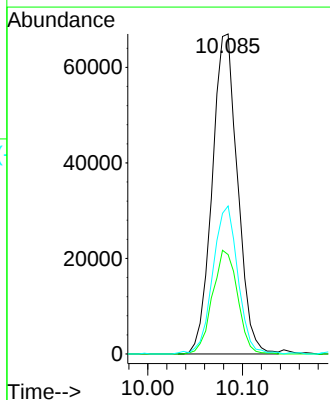
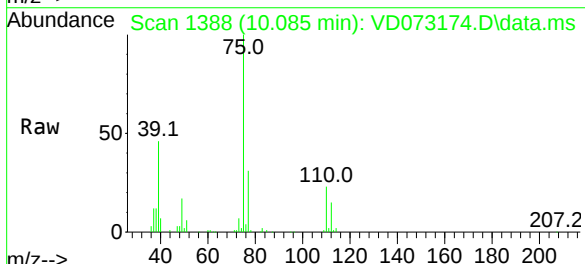
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

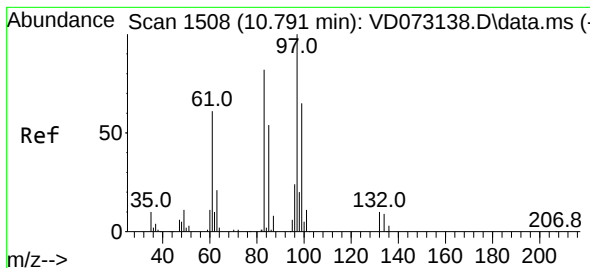
Tgt Ion: 75 Resp: 102280
Ion Ratio Lower Upper
75 100
77 29.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 20.392 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 75 Resp: 125039
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 45.9 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 20.578 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

Tgt Ion: 97 Resp: 61684

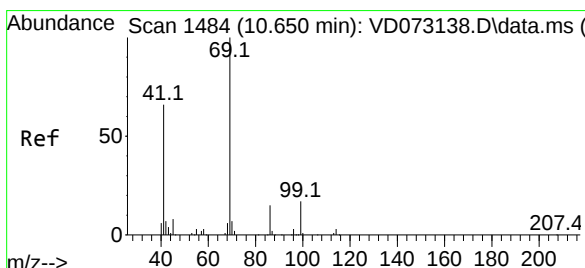
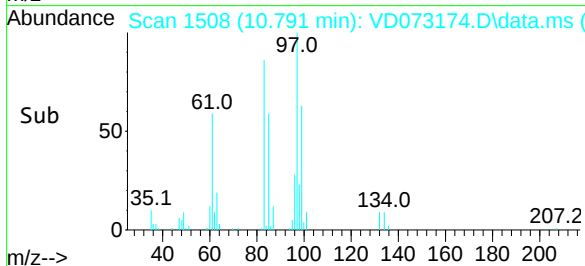
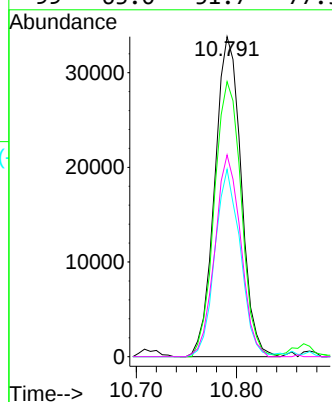
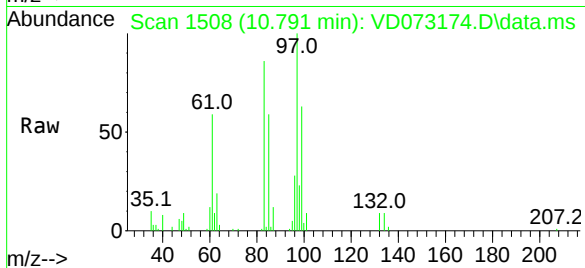
Ion Ratio Lower Upper

97 100

83 86.0 69.0 103.4

85 58.6 42.6 63.8

99 63.0 51.7 77.5



#56

Ethyl methacrylate

Concen: 19.848 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.005 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

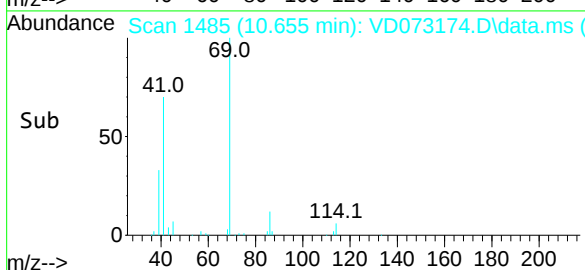
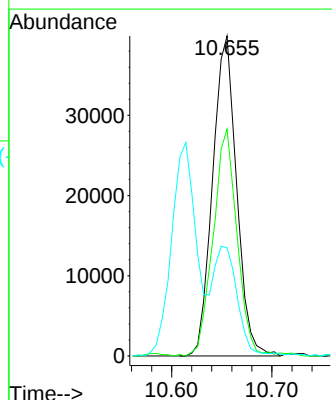
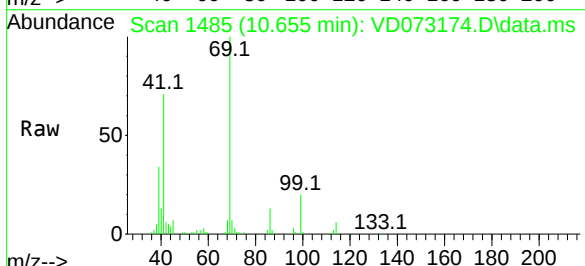
Tgt Ion: 69 Resp: 66148

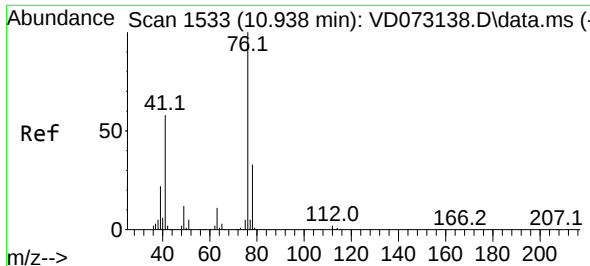
Ion Ratio Lower Upper

69 100

41 71.3 63.0 94.6

39 31.7 33.8 50.8#





#57

1,3-Dichloropropane

Concen: 20.078 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

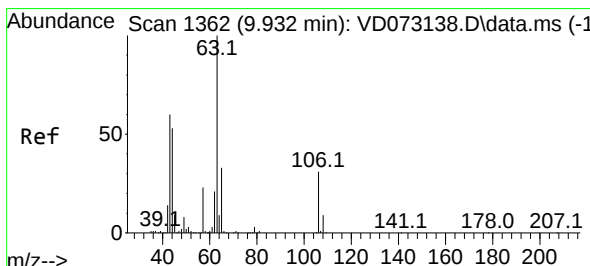
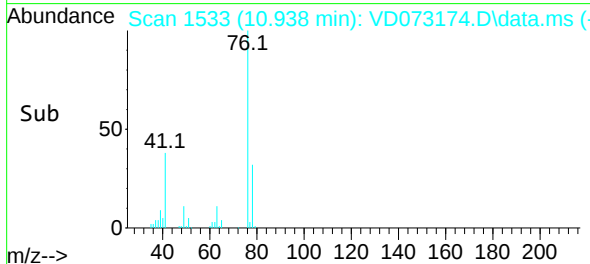
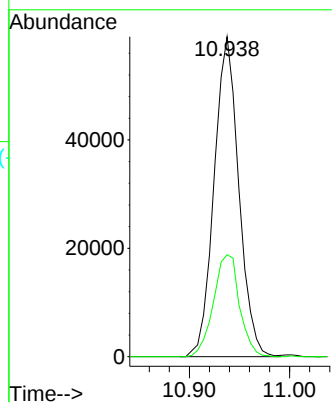
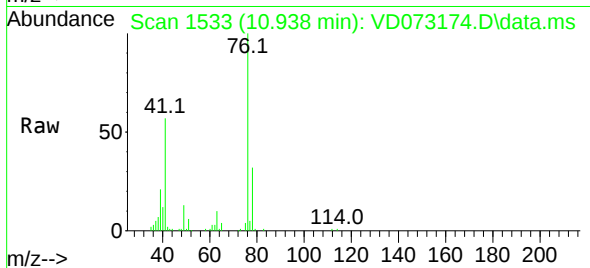
VD0519SBSD03

Tgt Ion: 76 Resp: 100982

Ion Ratio Lower Upper

76 100

78 33.6 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 88.815 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073174.D

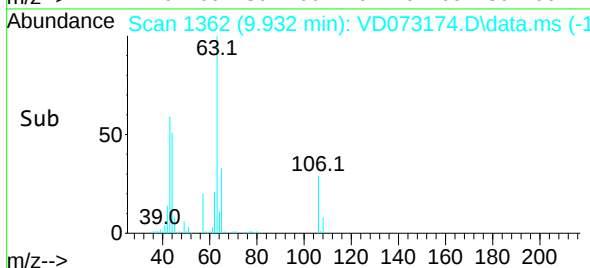
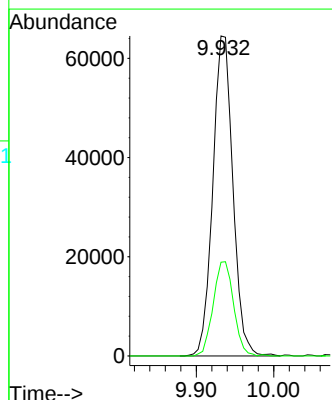
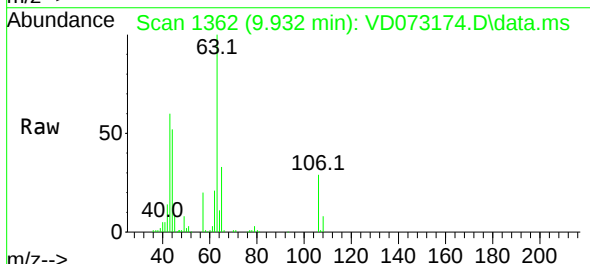
Acq: 20 May 2022 09:37

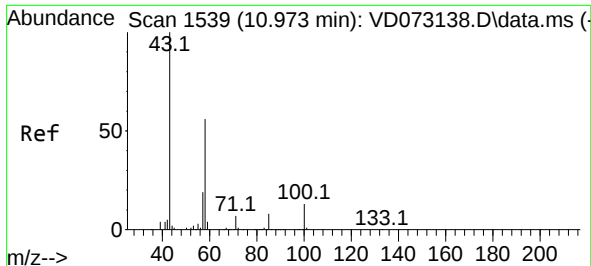
Tgt Ion: 63 Resp: 116468

Ion Ratio Lower Upper

63 100

106 29.9 21.4 32.0

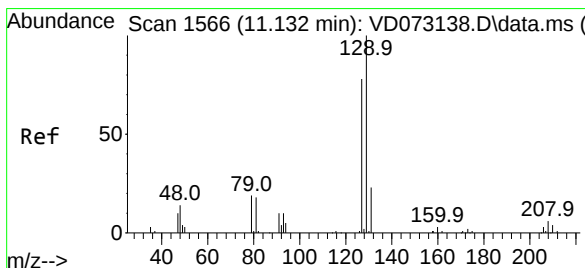
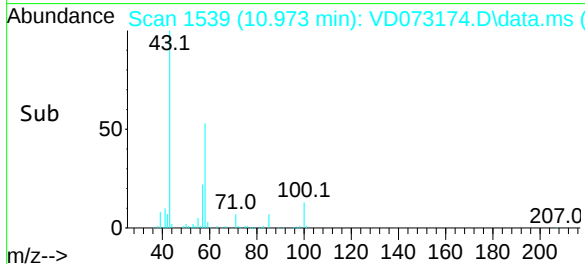
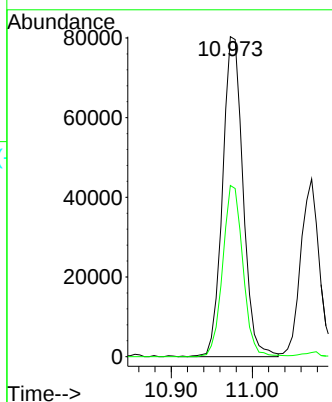
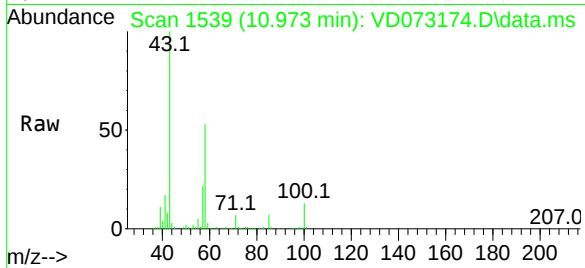




#59
2-Hexanone
Concen: 101.110 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

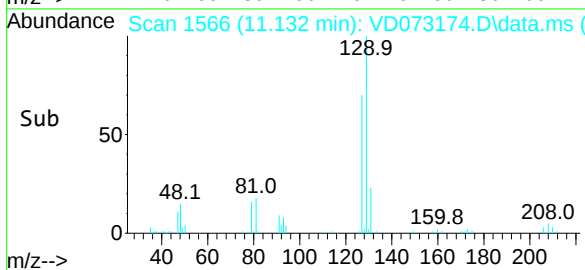
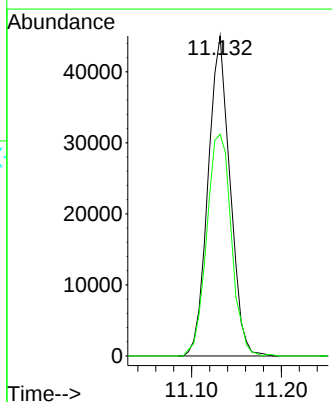
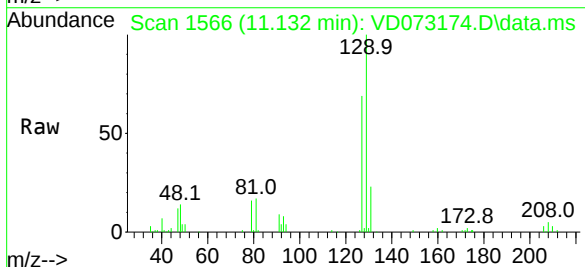
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

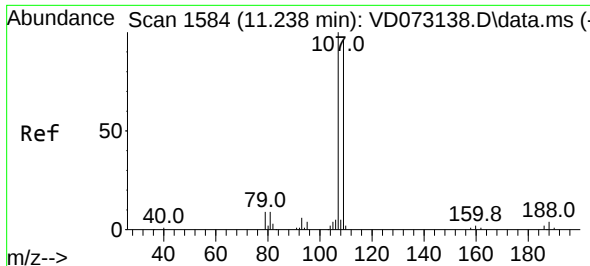
Tgt Ion: 43 Resp: 140562
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.9



#60
Dibromochloromethane
Concen: 20.485 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 129 Resp: 76567
Ion Ratio Lower Upper
129 100
127 77.4 39.2 117.6

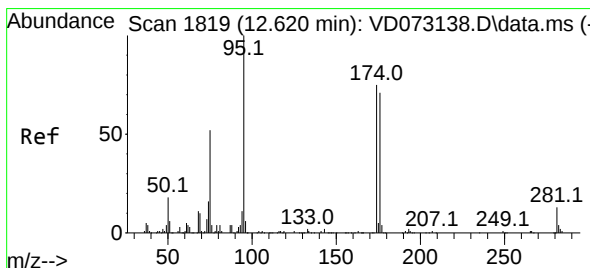
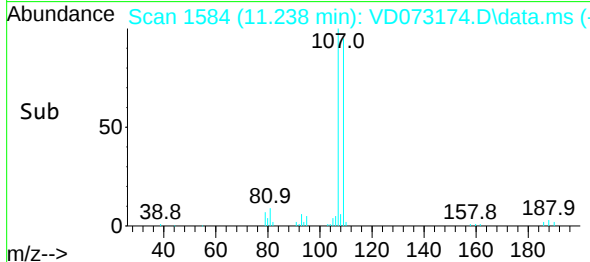
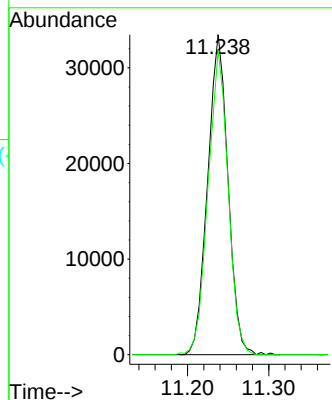
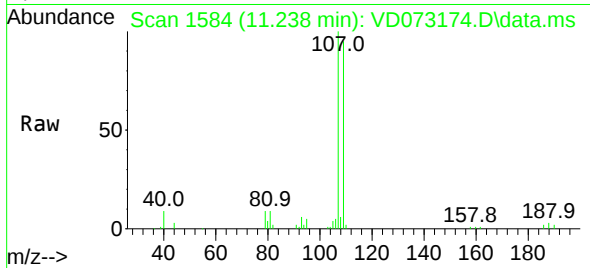




#61
1,2-Dibromoethane
Concen: 20.327 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

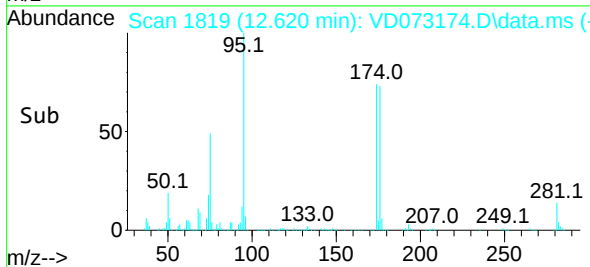
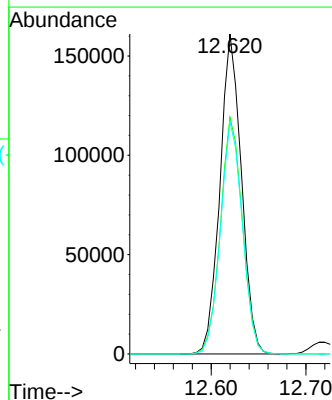
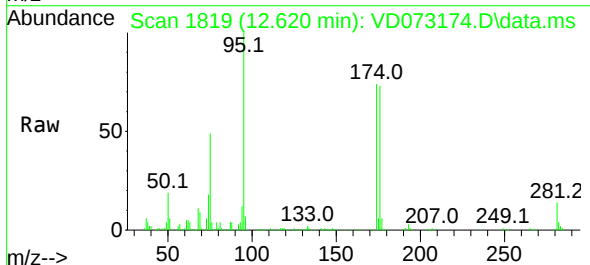
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

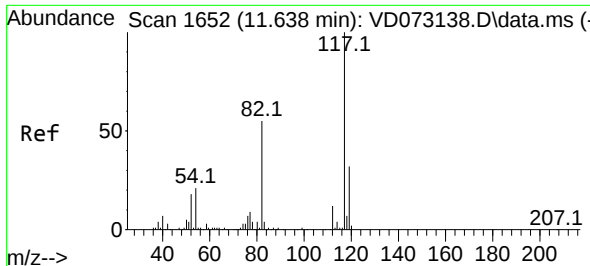
Tgt Ion:107 Resp: 58224
Ion Ratio Lower Upper
107 100
109 93.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.066 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

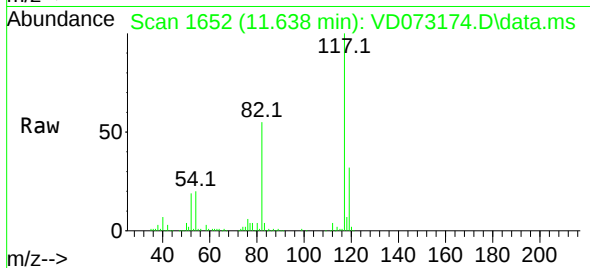
Tgt Ion: 95 Resp: 253825
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 74.1 0.0 145.4



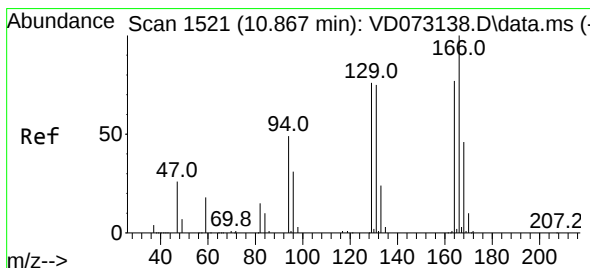
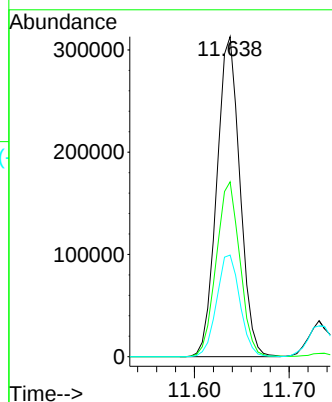
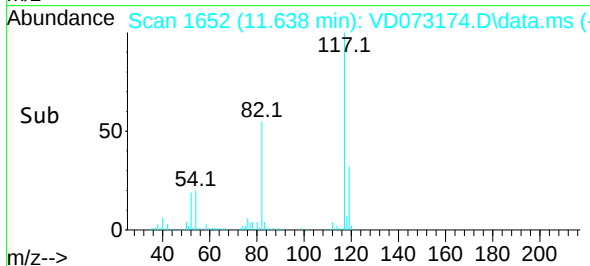


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

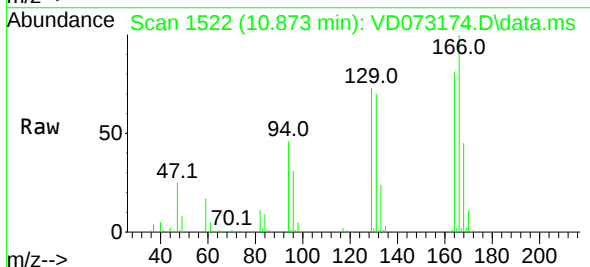
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03



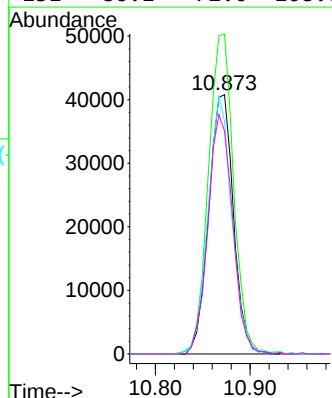
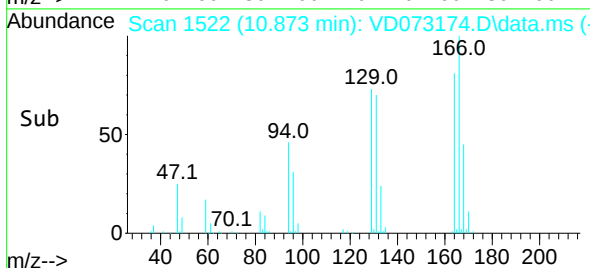
Tgt Ion:117 Resp: 531987
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.8 26.6 40.0

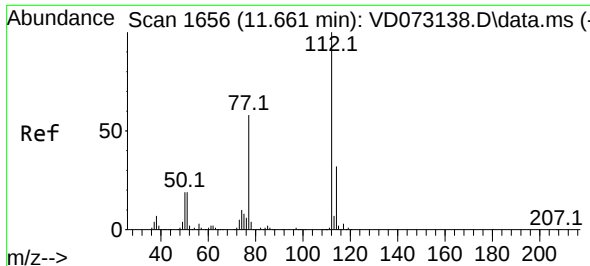


#64
Tetrachloroethene
Concen: 21.155 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37



Tgt Ion:164 Resp: 73711
Ion Ratio Lower Upper
164 100
166 122.8 98.5 147.7
129 89.8 74.6 111.8
131 86.1 72.0 108.0

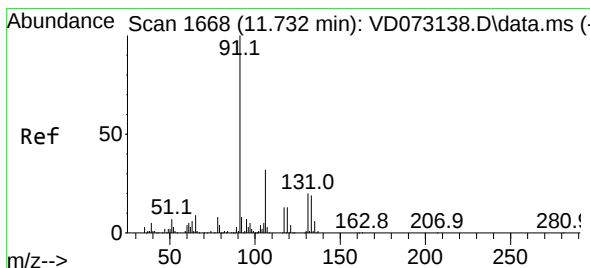
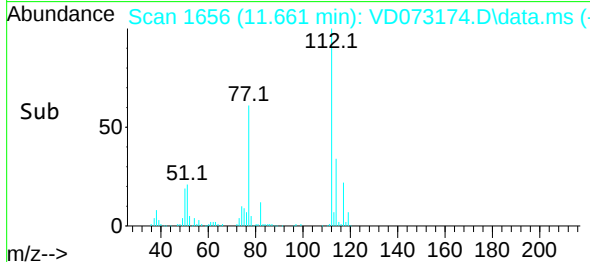
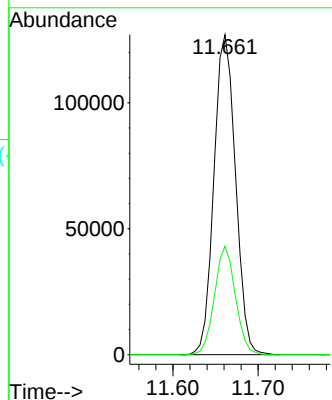
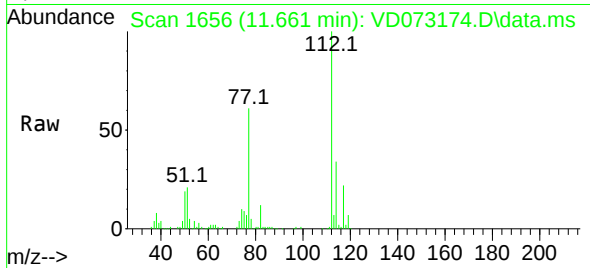




#65
Chlorobenzene
Concen: 20.457 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

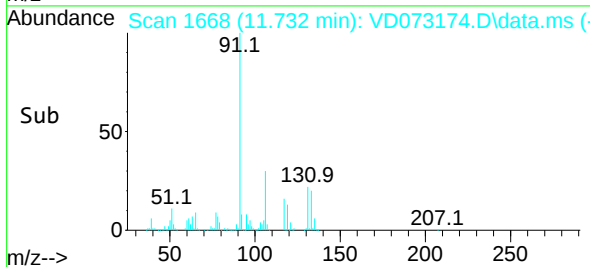
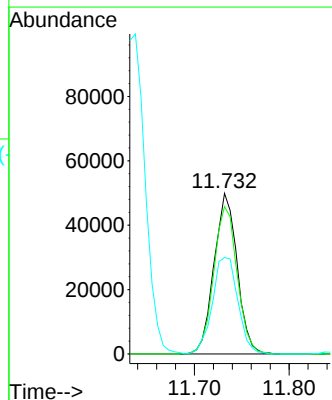
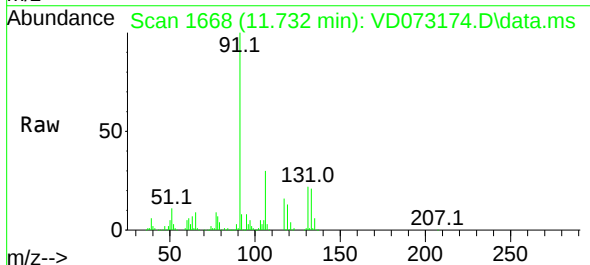
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

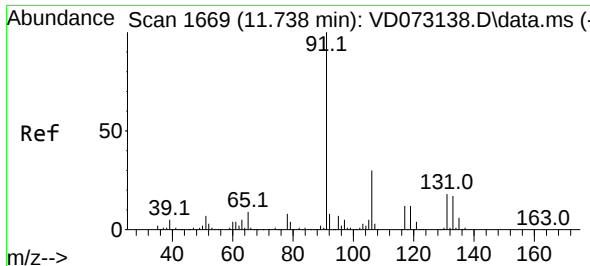
Tgt Ion:112 Resp: 223261
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.889 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion:131 Resp: 84549
Ion Ratio Lower Upper
131 100
133 93.6 48.1 144.3
119 66.3 31.9 95.9

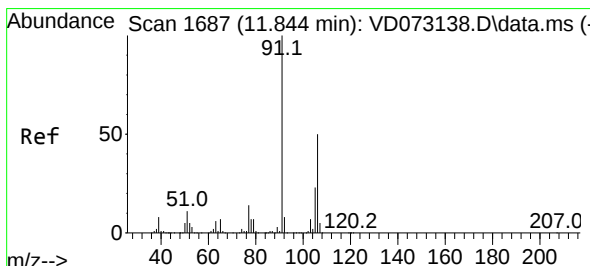
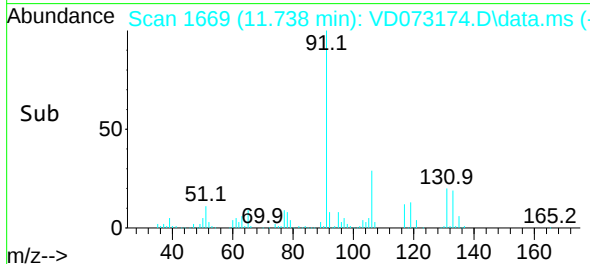
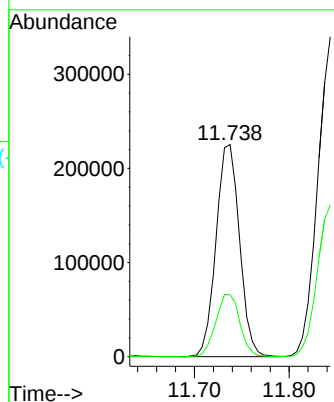
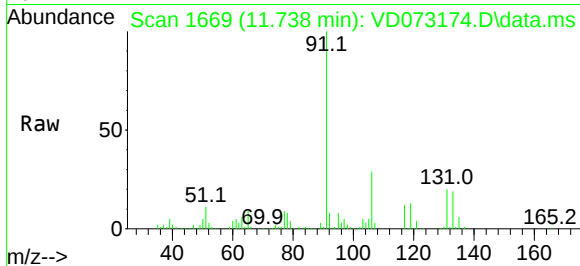




#67
Ethyl Benzene
Concen: 20.241 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

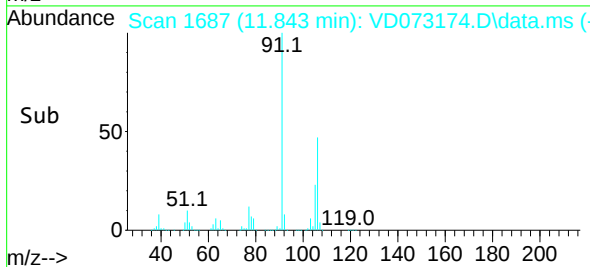
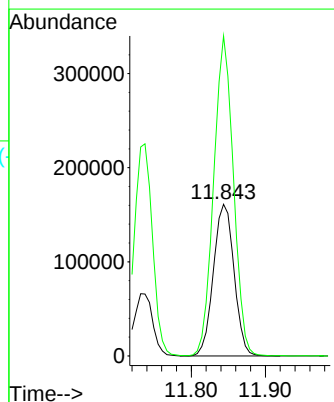
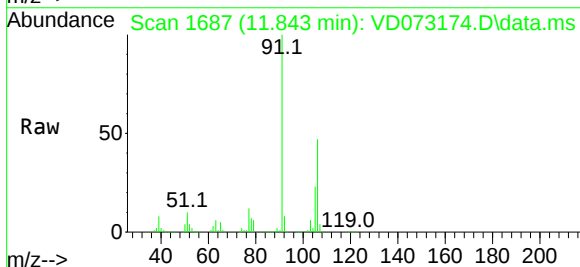
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

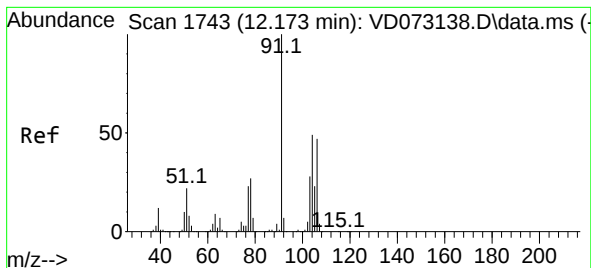
Tgt Ion: 91 Resp: 387784
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.4



#68
m/p-Xylenes
Concen: 41.896 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 106 Resp: 311847
Ion Ratio Lower Upper
106 100
91 201.4 163.7 245.5





#69

o-Xylene

Concen: 20.633 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

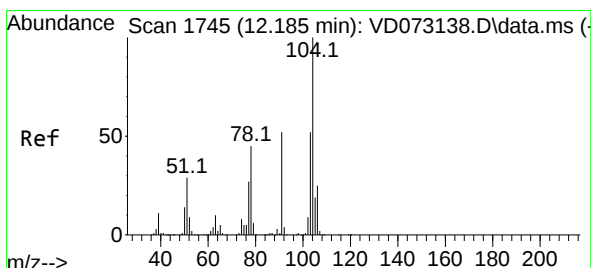
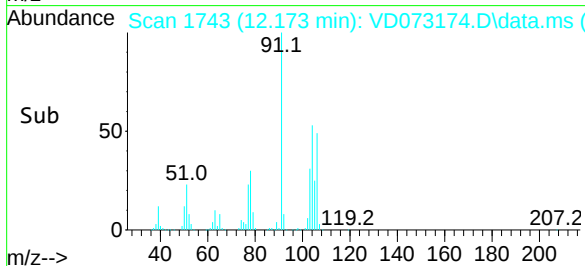
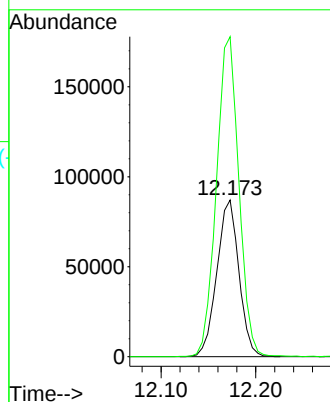
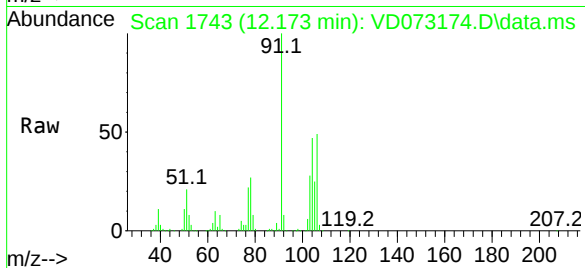
VD0519SBSD03

Tgt Ion:106 Resp: 141085

Ion Ratio Lower Upper

106 100

91 208.0 110.4 331.2



#70

Styrene

Concen: 20.784 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

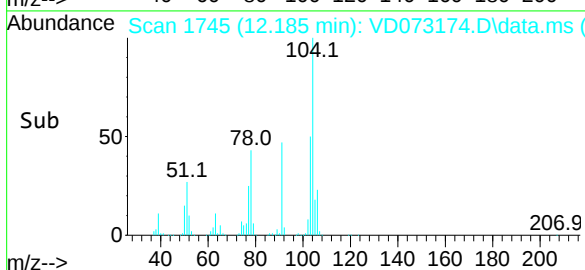
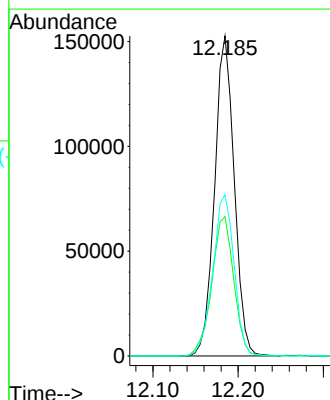
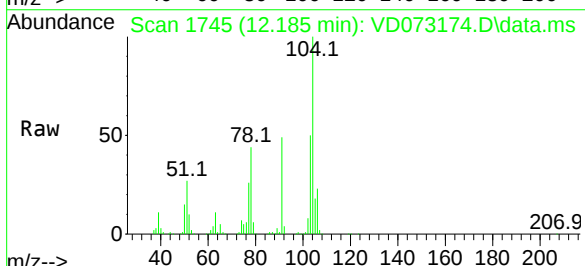
Tgt Ion:104 Resp: 244515

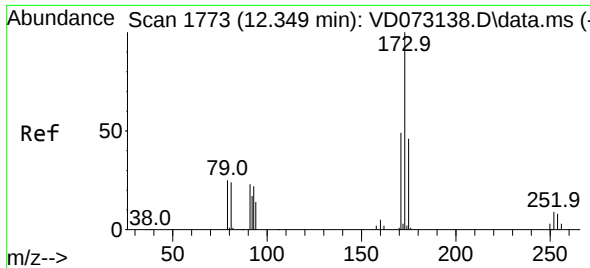
Ion Ratio Lower Upper

104 100

78 48.8 41.8 62.8

103 54.7 44.2 66.4

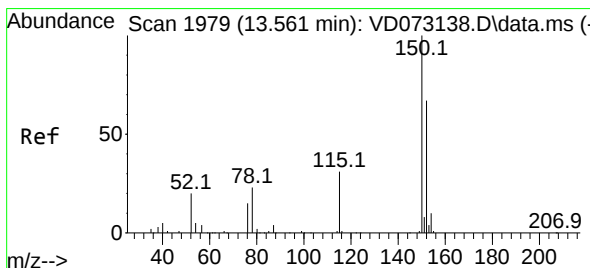
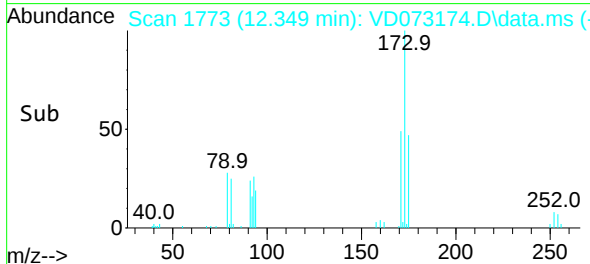
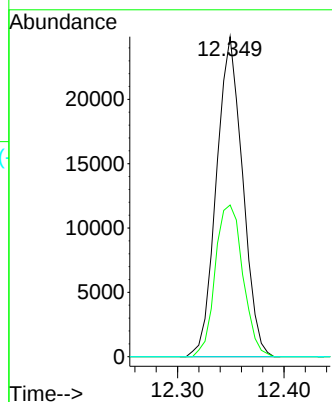
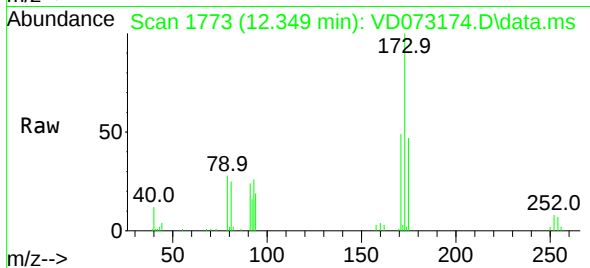




#71
Bromoform
Concen: 20.375 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

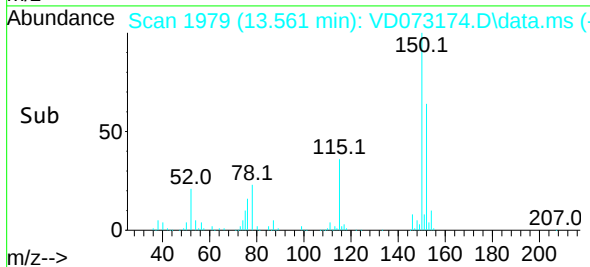
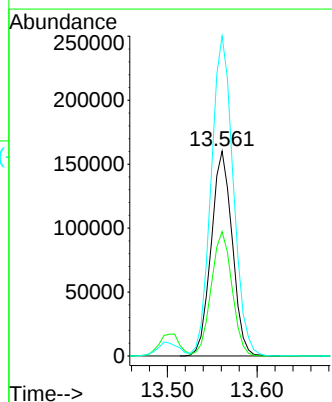
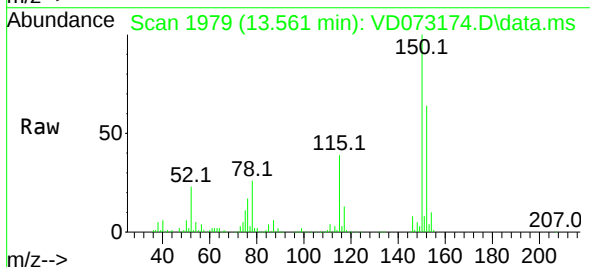
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

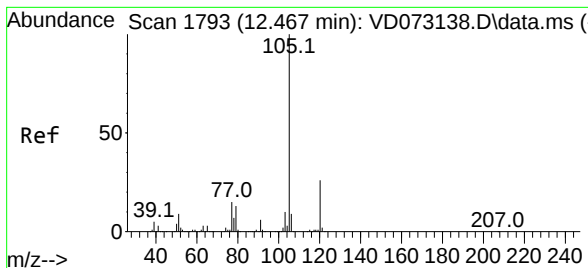
Tgt Ion:173 Resp: 42443
Ion Ratio Lower Upper
173 100
175 50.0 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion:152 Resp: 260544
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 163.9 0.0 348.6





#73

Isopropylbenzene

Concen: 20.229 ug/l

RT: 12.467 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

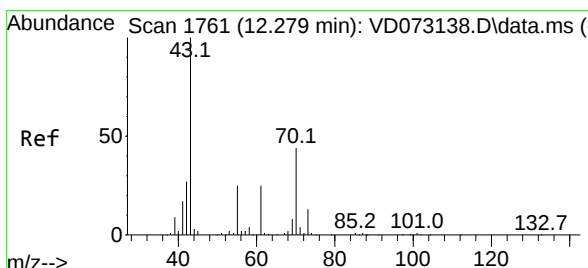
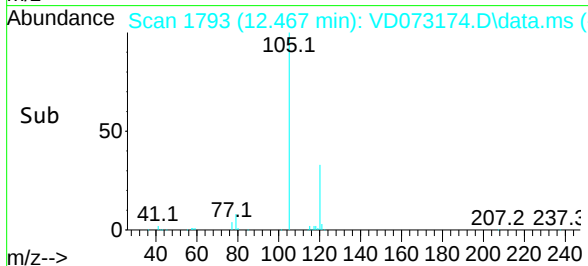
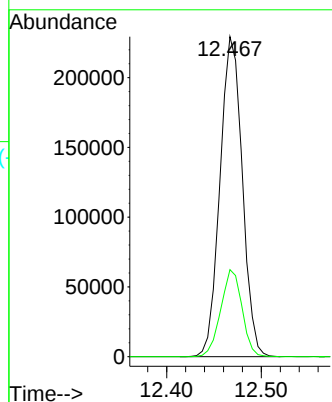
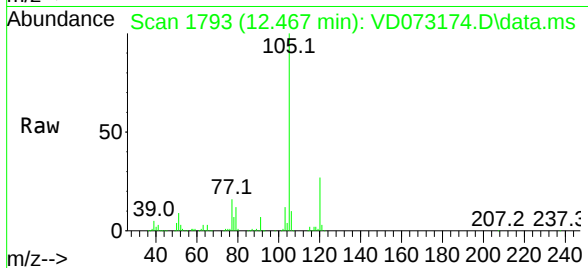
VD0519SBSD03

Tgt Ion:105 Resp: 375737

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 19.326 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Tgt Ion: 43 Resp: 78310

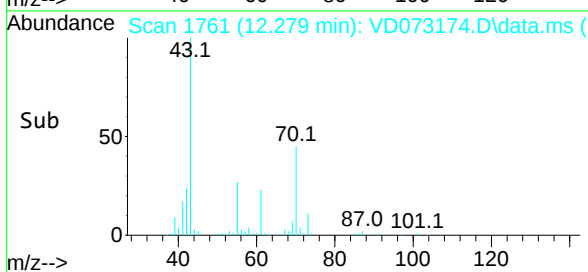
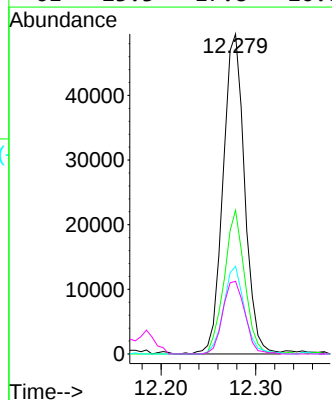
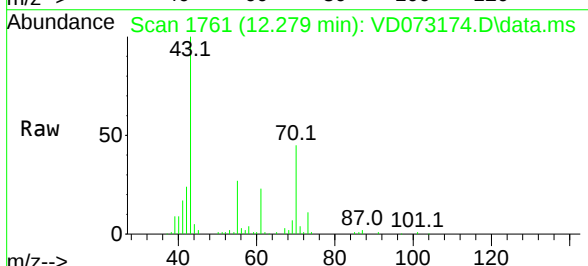
Ion Ratio Lower Upper

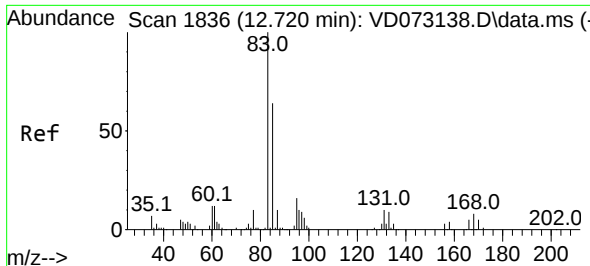
43 100

70 43.0 31.3 46.9

55 26.7 20.0 30.0

61 23.3 17.8 26.8

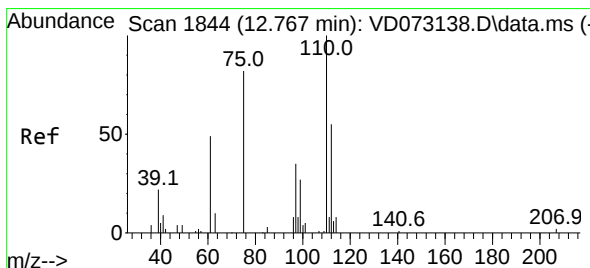
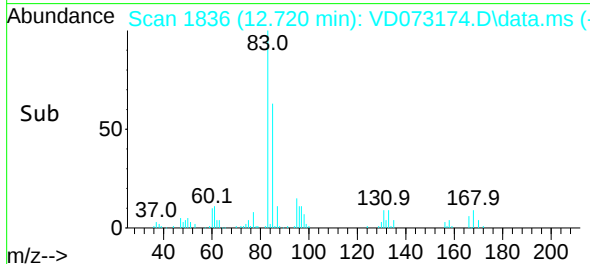
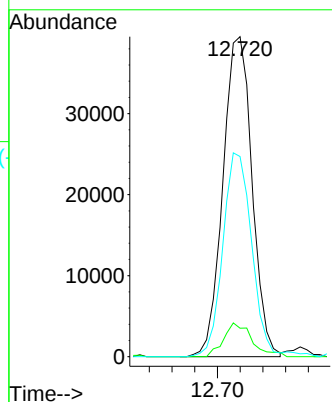
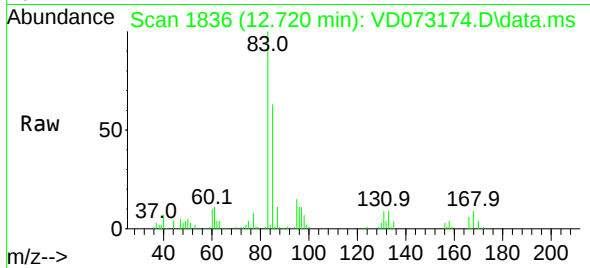




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.526 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

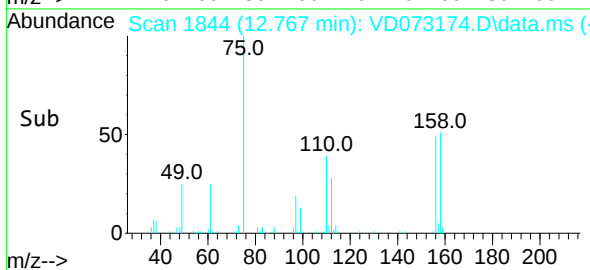
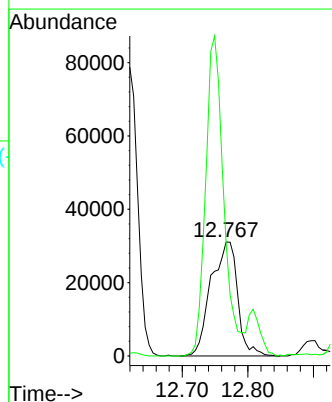
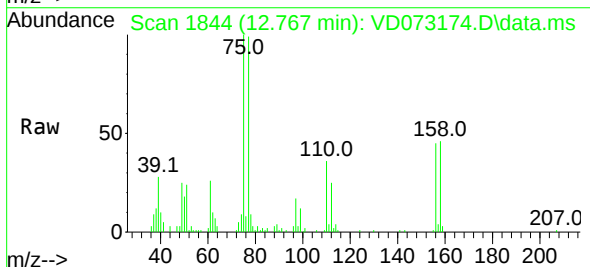
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD03

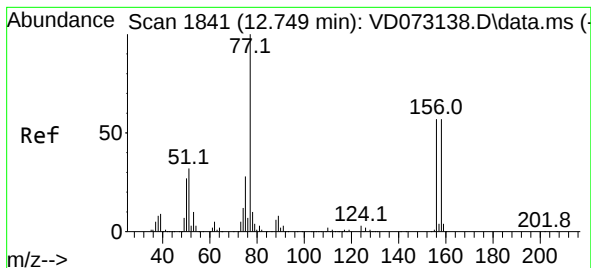
Tgt Ion: 83 Resp: 70315
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 14.9
 85 63.7 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 34.221 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

Tgt Ion: 75 Resp: 87481
 Ion Ratio Lower Upper
 75 100
 77 193.0 0.0 0.0#





#77

Bromobenzene

Concen: 19.614 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

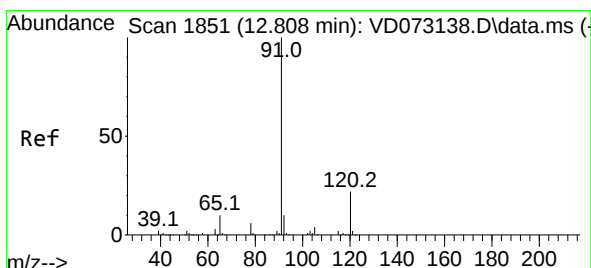
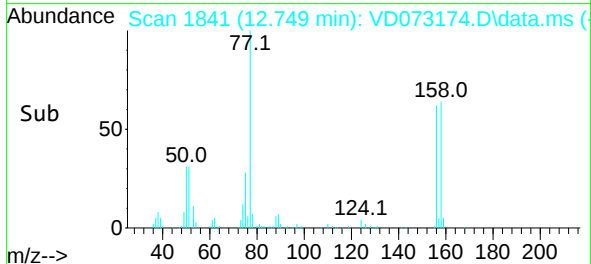
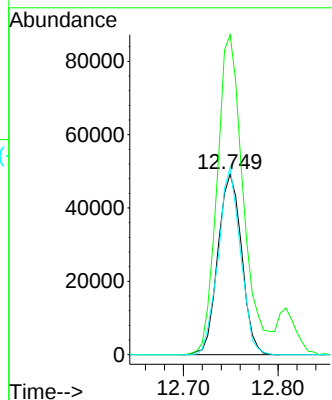
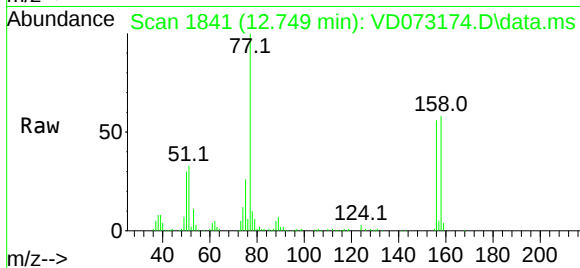
Tgt Ion:156 Resp: 85758

Ion Ratio Lower Upper

156 100

77 196.8 102.8 308.3

158 97.7 48.7 146.1



#78

n-propylbenzene

Concen: 20.482 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073174.D

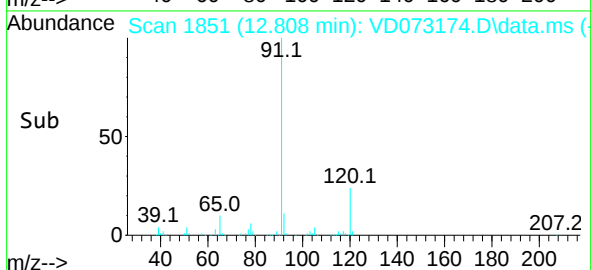
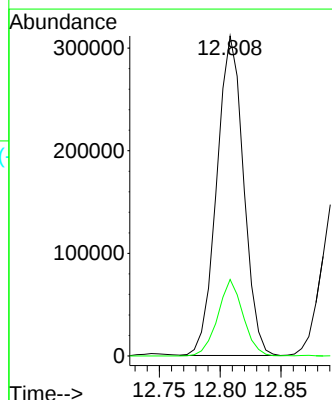
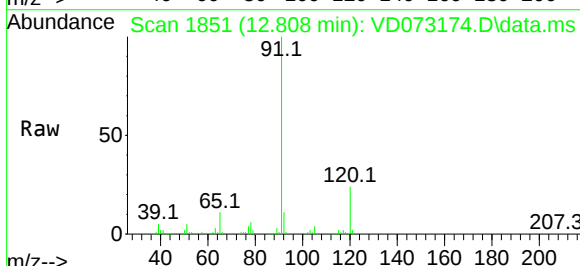
Acq: 20 May 2022 09:37

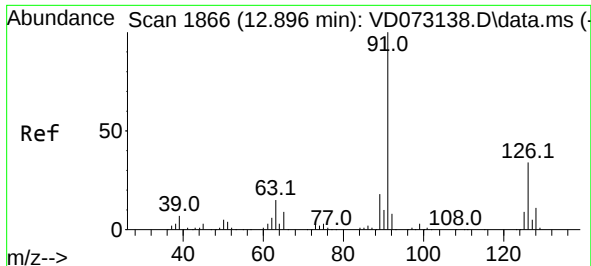
Tgt Ion: 91 Resp: 477599

Ion Ratio Lower Upper

91 100

120 22.5 10.9 32.9

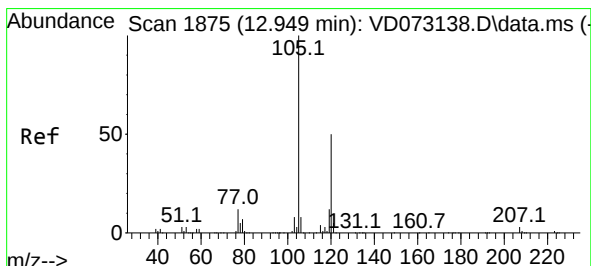
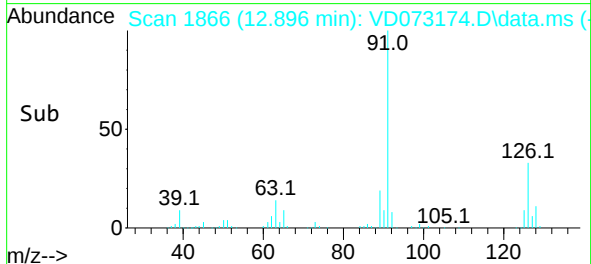
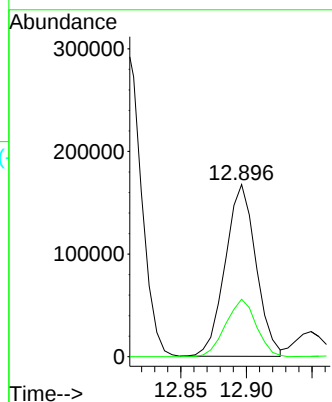
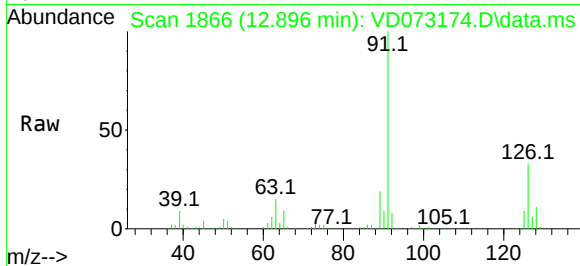




#79
2-Chlorotoluene
Concen: 20.317 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

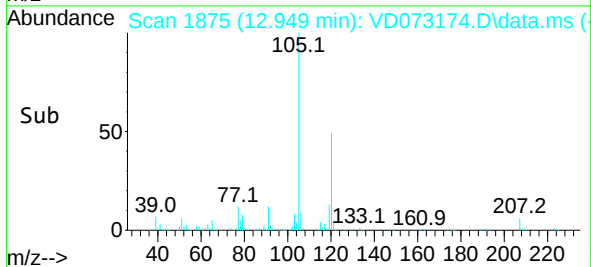
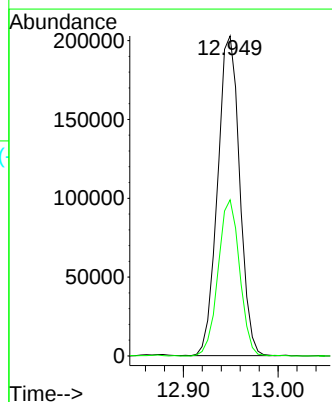
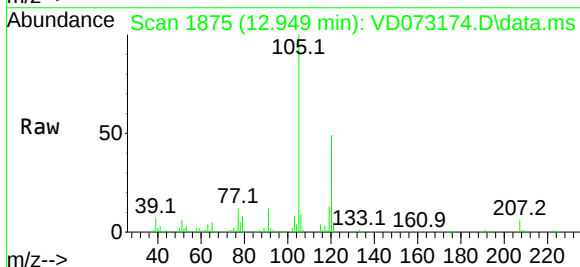
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

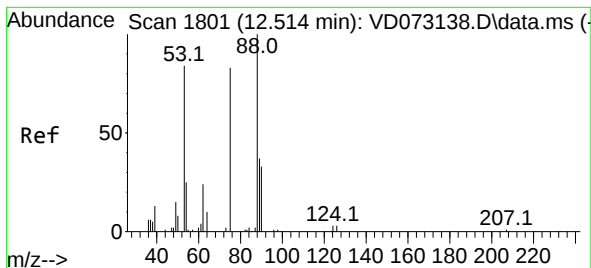
Tgt Ion: 91 Resp: 273541
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.800 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 105 Resp: 327263
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8

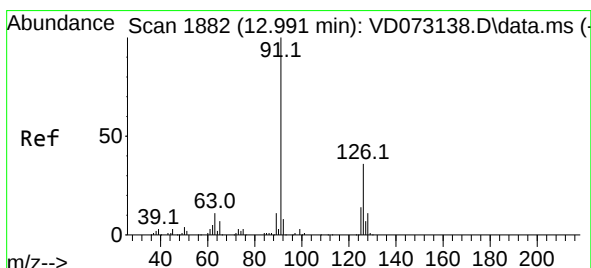
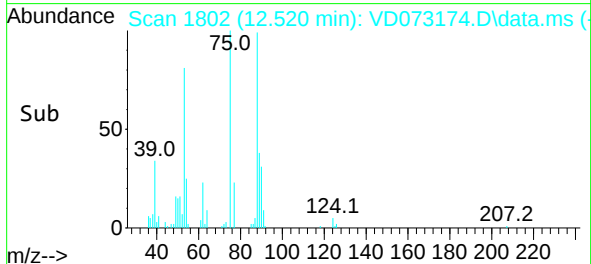
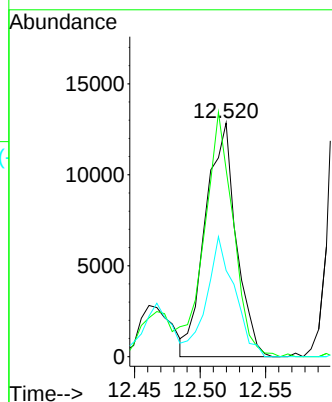
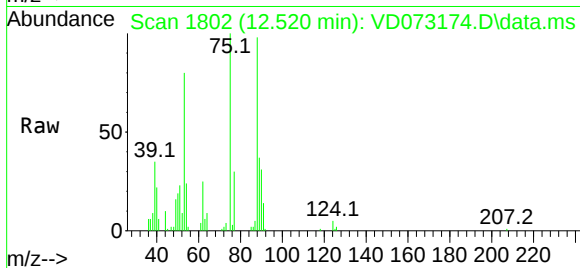




#81
trans-1,4-Dichloro-2-butene
Concen: 19.655 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

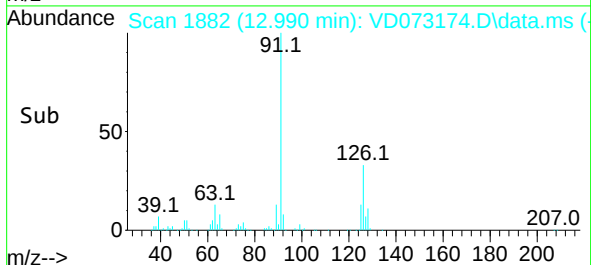
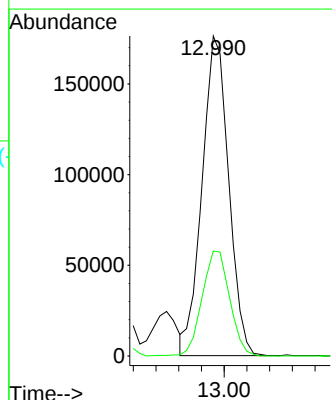
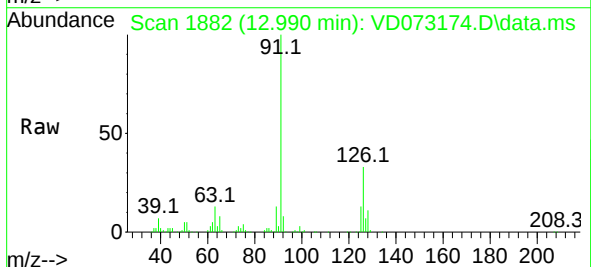
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

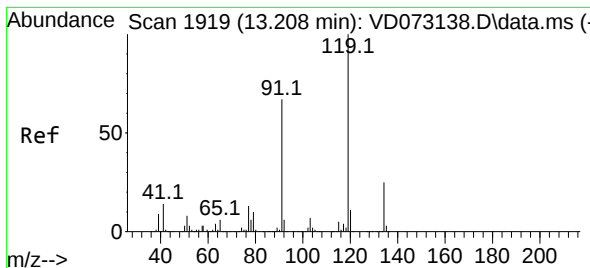
Tgt Ion: 75 Resp: 20930
Ion Ratio Lower Upper
75 100
53 97.1 86.5 129.7
89 47.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.278 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 91 Resp: 286158
Ion Ratio Lower Upper
91 100
126 34.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 20.340 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

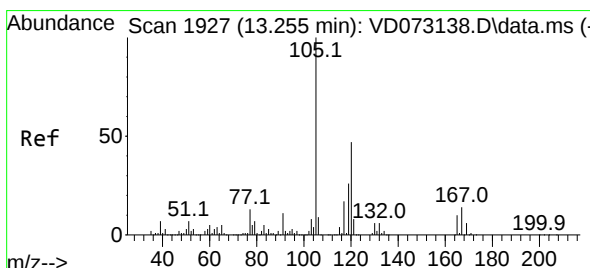
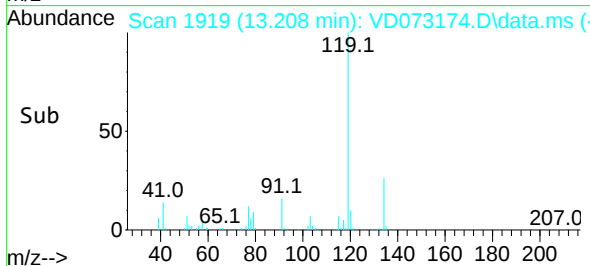
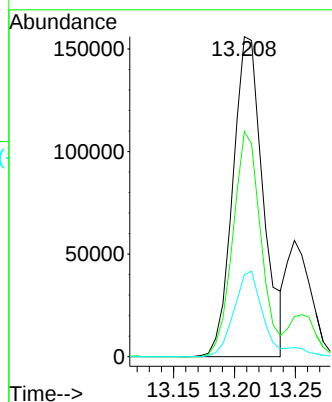
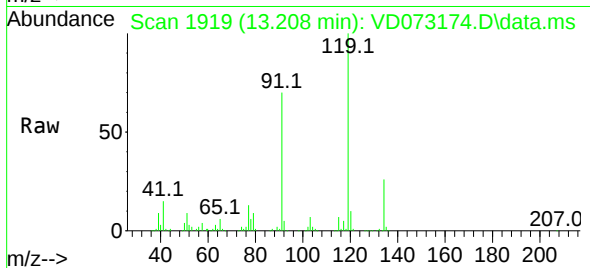
Tgt Ion:119 Resp: 269716

Ion Ratio Lower Upper

119 100

91 65.2 34.8 104.5

134 27.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.522 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073174.D

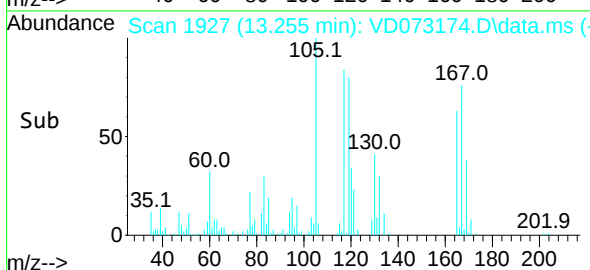
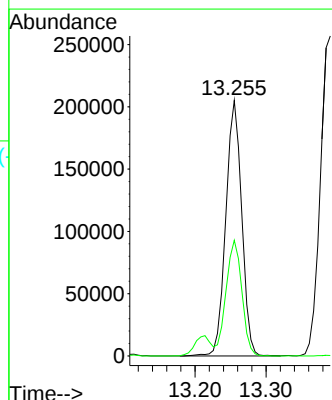
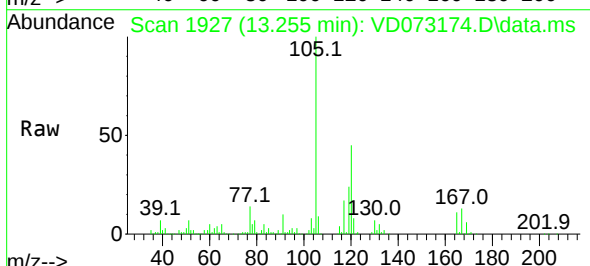
Acq: 20 May 2022 09:37

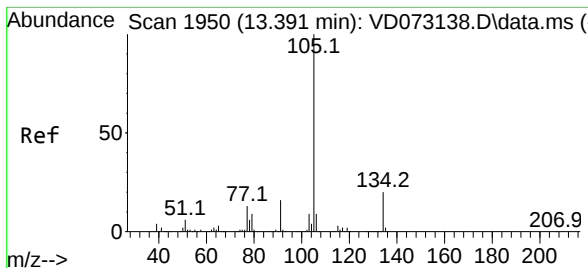
Tgt Ion:105 Resp: 318986

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.162 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

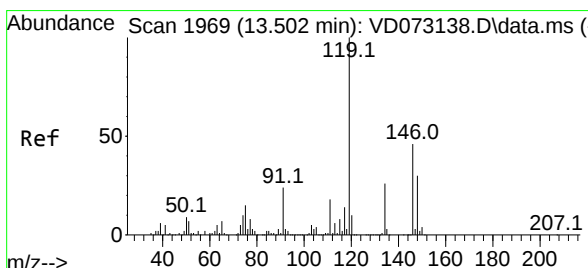
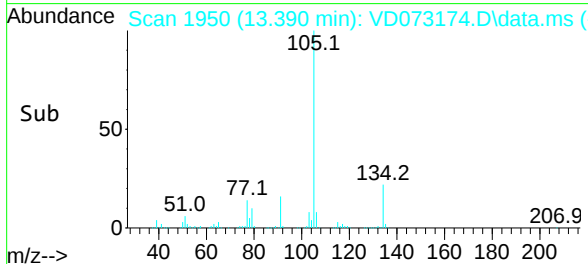
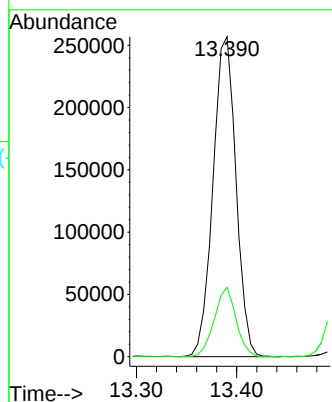
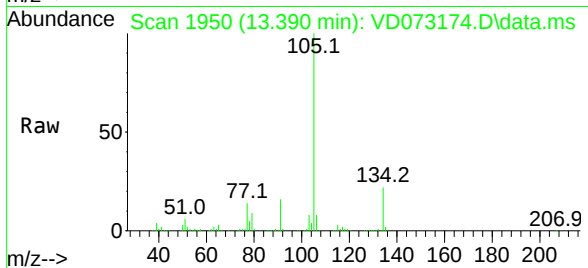
VD0519SBS03

Tgt Ion:105 Resp: 408241

Ion Ratio Lower Upper

105 100

134 20.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.365 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

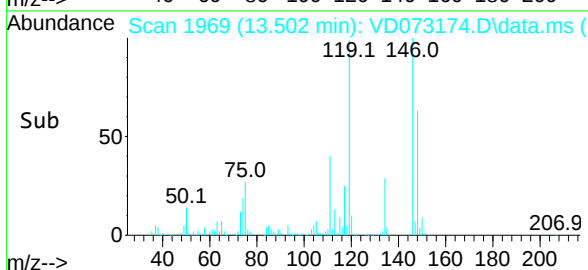
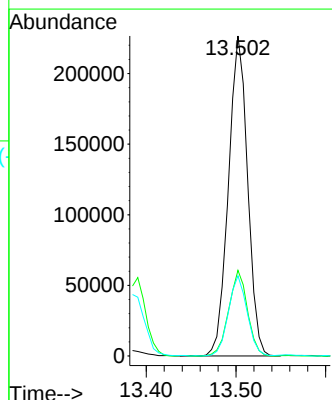
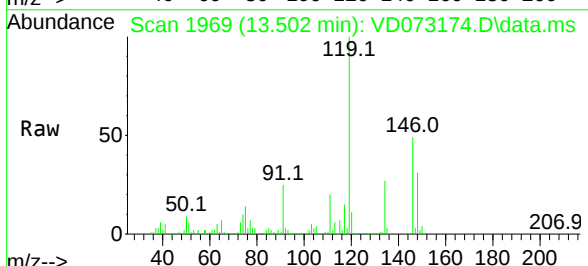
Tgt Ion:119 Resp: 336135

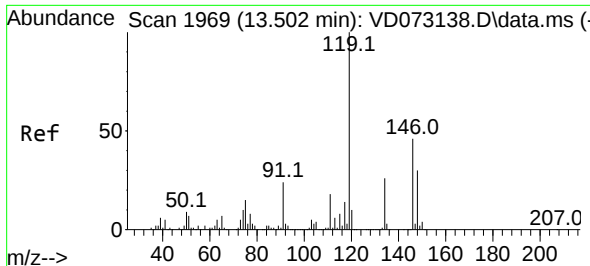
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.6

91 24.6 12.1 36.3

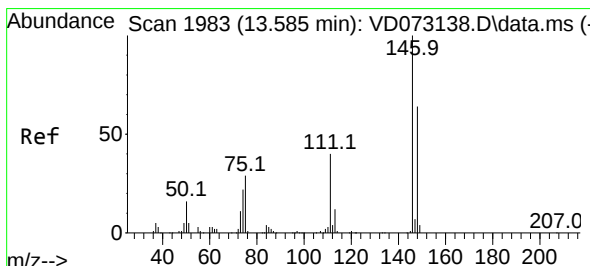
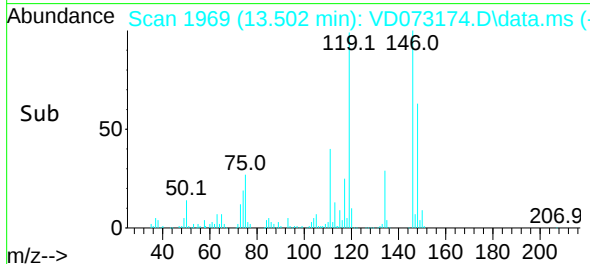
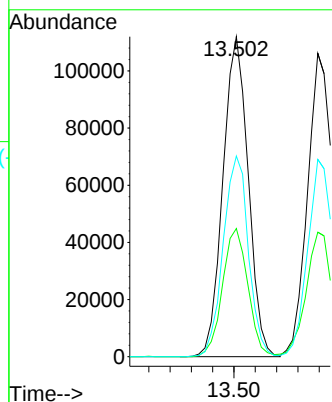
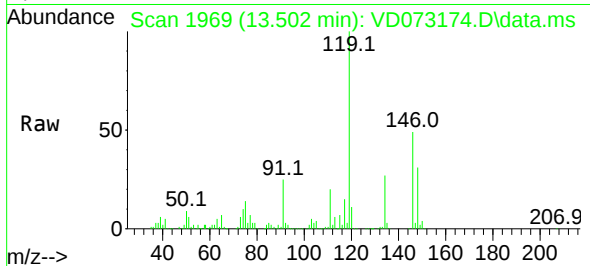




#87
 1,3-Dichlorobenzene
 Concen: 20.937 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

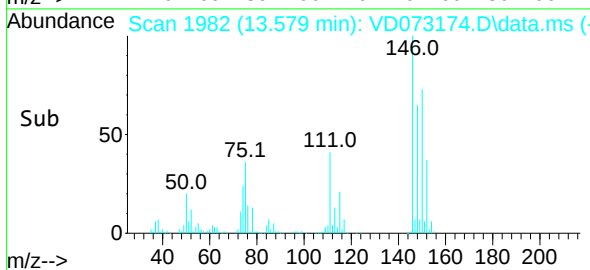
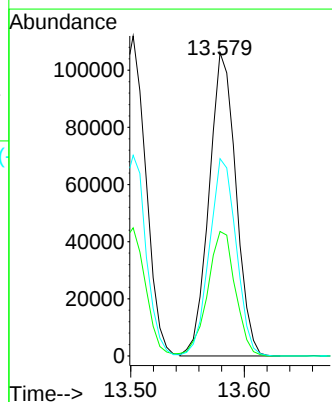
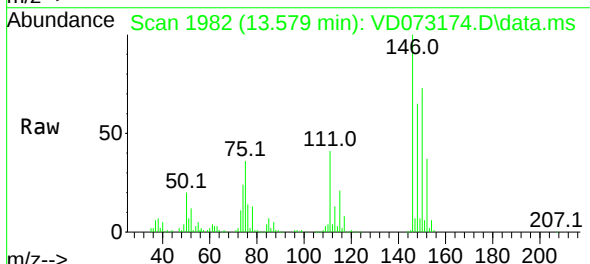
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD03

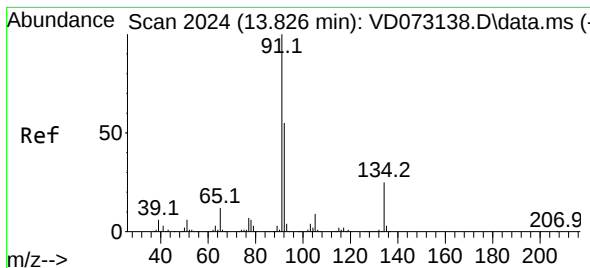
Tgt Ion:146 Resp: 184519
 Ion Ratio Lower Upper
 146 100
 111 40.2 20.4 61.3
 148 62.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.600 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

Tgt Ion:146 Resp: 174372
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.3 60.9
 148 65.2 31.7 95.1





#89

n-Butylbenzene

Concen: 20.518 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBSD03

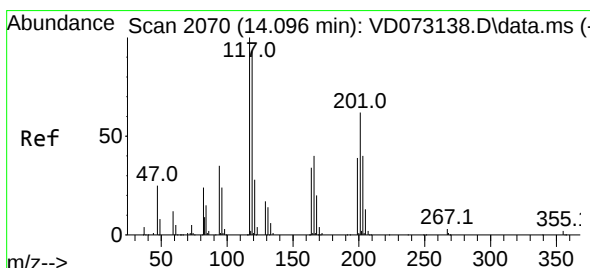
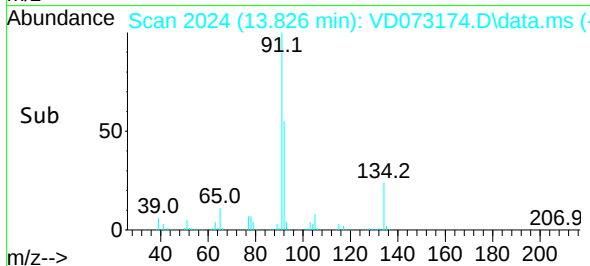
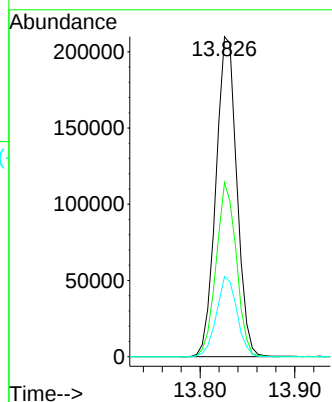
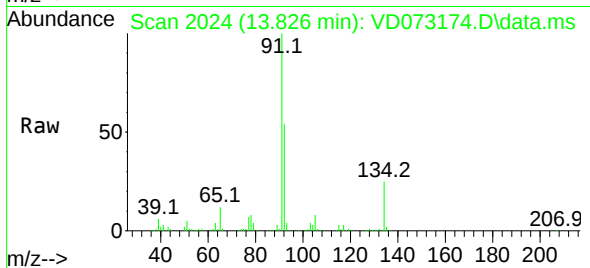
Tgt Ion: 91 Resp: 322673

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.8

134 24.5 12.3 36.9



#90

Hexachloroethane

Concen: 20.493 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073174.D

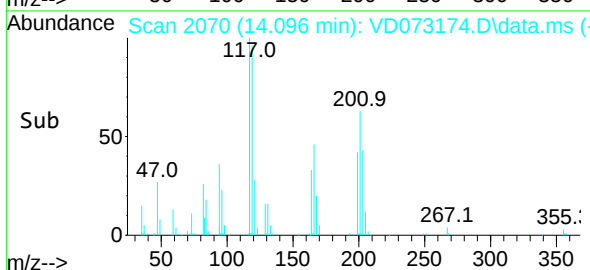
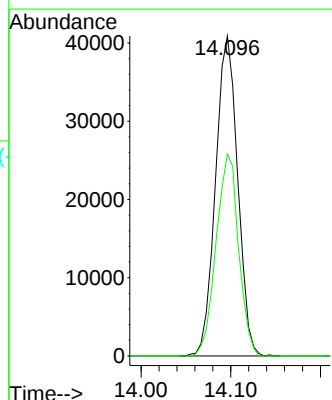
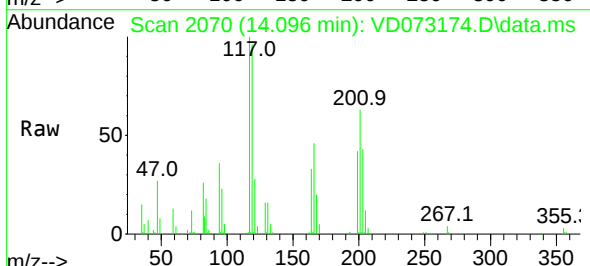
Acq: 20 May 2022 09:37

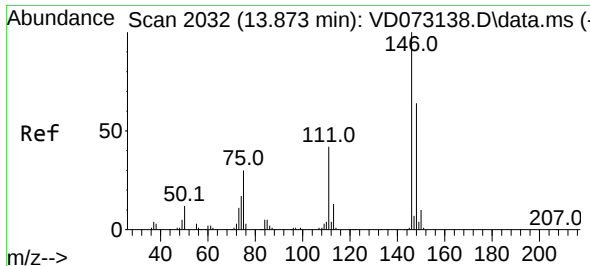
Tgt Ion: 117 Resp: 69986

Ion Ratio Lower Upper

117 100

201 64.1 33.4 100.2

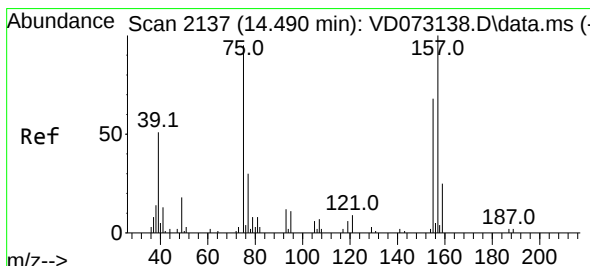
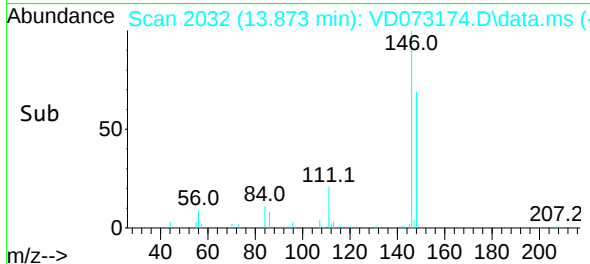
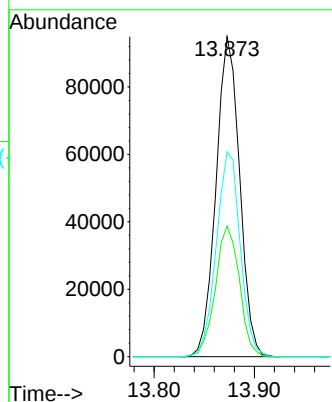
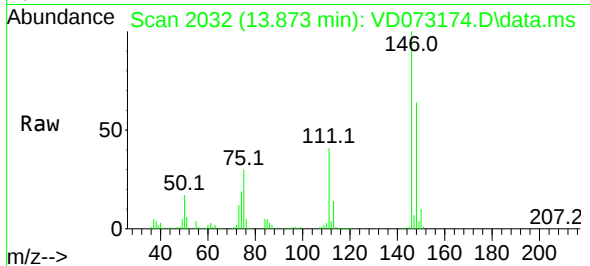




#91
1,2-Dichlorobenzene
Concen: 20.362 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

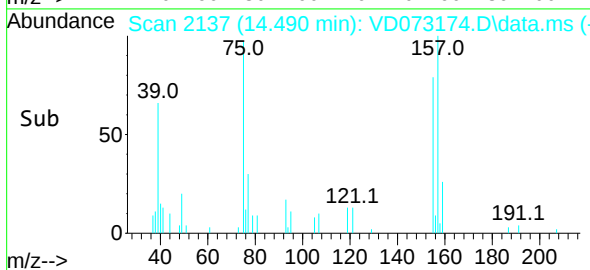
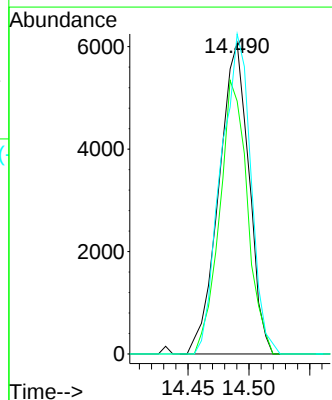
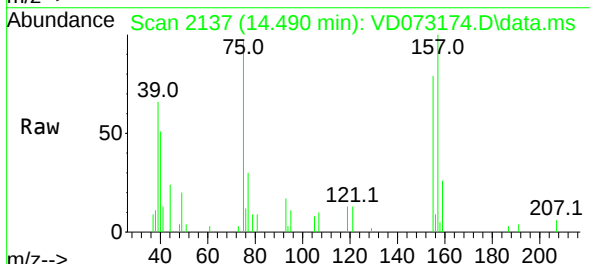
Instrument :
MSVOA_D
ClientSampleId :
VD0519SBSD03

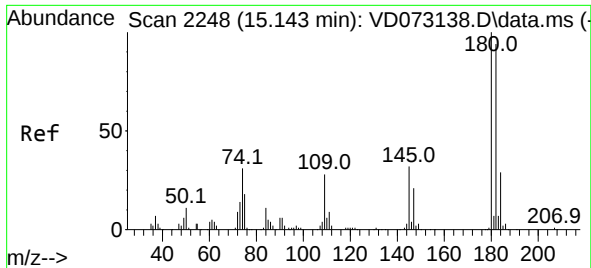
Tgt Ion:146 Resp: 155267
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 65.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.886 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073174.D
Acq: 20 May 2022 09:37

Tgt Ion: 75 Resp: 10432
Ion Ratio Lower Upper
75 100
155 81.3 36.8 110.3
157 102.3 48.4 145.0

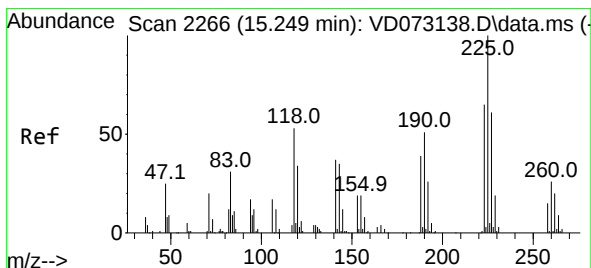
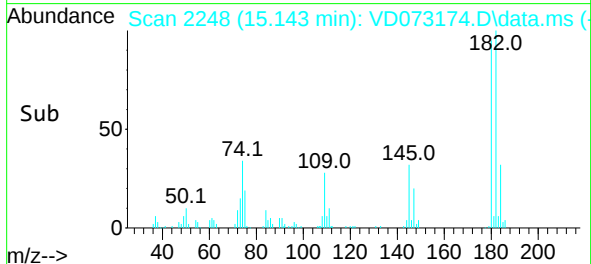
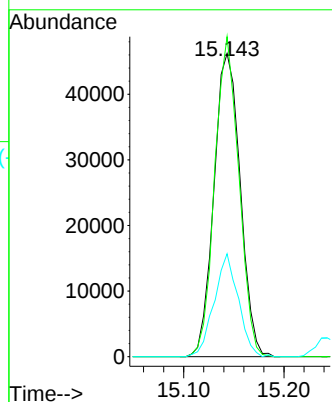
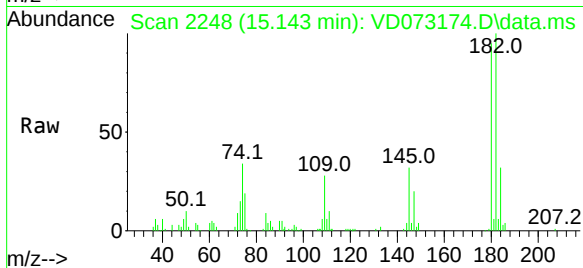




#93
 1,2,4-Trichlorobenzene
 Concen: 19.443 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

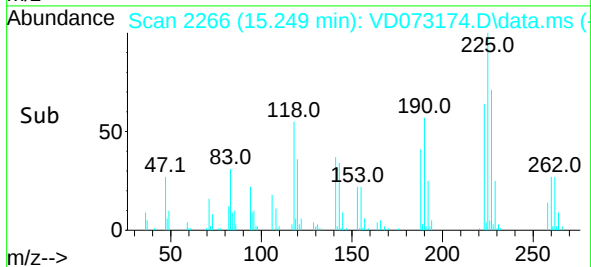
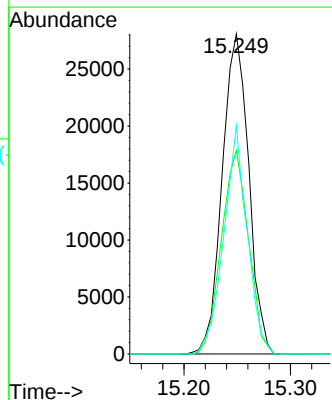
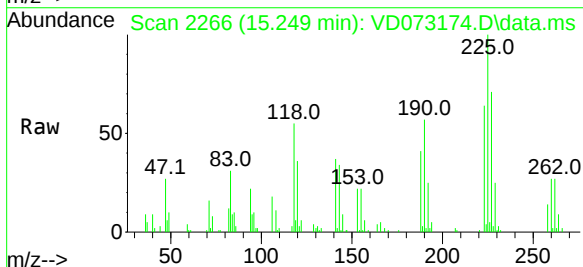
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0519SBSD03

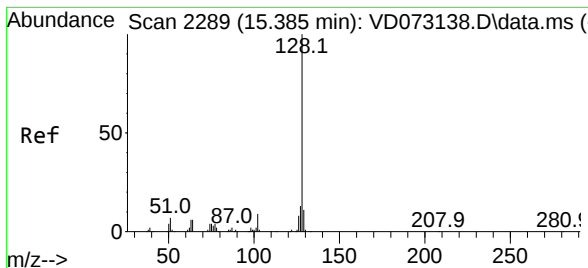
Tgt Ion:180 Resp: 84170
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 142.0
 145 31.2 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 19.891 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073174.D
 Acq: 20 May 2022 09:37

Tgt Ion:225 Resp: 48525
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.1 93.2
 227 63.0 32.4 97.0





#95

Naphthalene

Concen: 18.744 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Instrument :

MSVOA_D

ClientSampleId :

VD0519SBS03

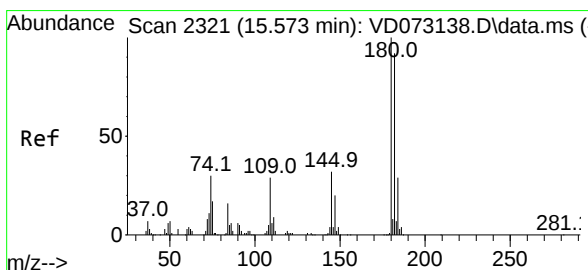
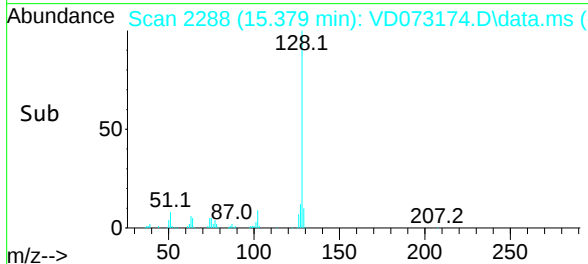
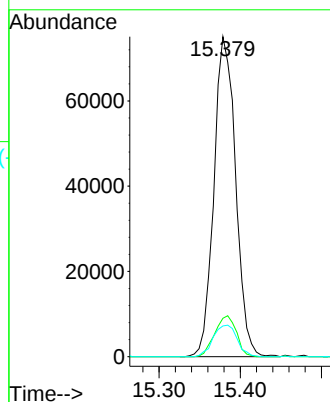
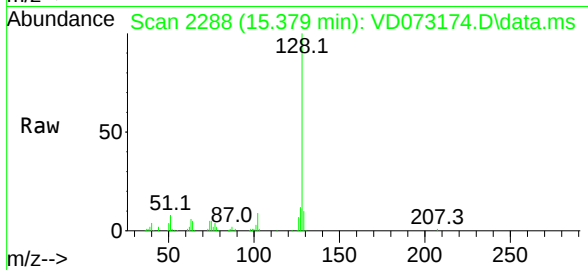
Tgt Ion:128 Resp: 139501

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.208 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073174.D

Acq: 20 May 2022 09:37

Tgt Ion:180 Resp: 73718

Ion Ratio Lower Upper

180 100

182 95.2 47.6 142.9

145 35.4 17.1 51.3

