

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073298.D
 Acq On : 23 May 2022 23:32
 Operator : VA/SY
 Sample : VD0523SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBS02

Quant Time: May 24 03:30:42 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	7.967	168	289893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	510966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	496379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	242839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	184894	57.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.420%
35) Dibromofluoromethane	7.908	113	186673	55.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.720%
50) Toluene-d8	10.332	98	677984	54.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.100%
62) 4-Bromofluorobenzene	12.620	95	246305	56.469	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	55783	19.257	ug/l	99
3) Chloromethane	2.209	50	60481	18.465	ug/l	99
4) Vinyl Chloride	2.344	62	55390	18.493	ug/l	98
5) Bromomethane	2.744	94	41613	19.185	ug/l	95
6) Chloroethane	2.909	64	37621	20.432	ug/l	90
7) Trichlorofluoromethane	3.262	101	104679	19.765	ug/l	96
8) Diethyl Ether	3.703	74	32330	22.216	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	61693	19.523	ug/l	95
10) Methyl Iodide	4.291	142	57776	16.947	ug/l	99
11) Tert butyl alcohol	5.179	59	57316	115.310	ug/l #	74
12) 1,1-Dichloroethene	4.062	96	57756	19.825	ug/l	87
13) Acrolein	3.920	56	26948	128.670	ug/l	97
14) Allyl chloride	4.703	41	92348	19.638	ug/l	87
15) Acrylonitrile	5.414	53	82488	123.956	ug/l	96
16) Acetone	4.156	43	61948	111.634	ug/l	99
17) Carbon Disulfide	4.397	76	169530	17.554	ug/l	98
18) Methyl Acetate	4.714	43	41068	26.615	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	154736	23.314	ug/l	99
20) Methylene Chloride	4.961	84	99888	26.503	ug/l #	84
21) trans-1,2-Dichloroethene	5.461	96	70682	20.066	ug/l	96
22) Diisopropyl ether	6.361	45	213903	21.698	ug/l	97
23) Vinyl Acetate	6.297	43	584126	111.086	ug/l	98
24) 1,1-Dichloroethane	6.256	63	133723	21.133	ug/l	100
25) 2-Butanone	7.203	43	94101	115.907	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	98625	18.276	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	79968	20.517	ug/l	92
28) Bromochloromethane	7.544	49	46304	21.241	ug/l #	84
29) Tetrahydrofuran	7.555	42	63906	121.733	ug/l	94
30) Chloroform	7.703	83	144642	21.895	ug/l	99
31) Cyclohexane	7.979	56	101081	18.055	ug/l #	93
32) 1,1,1-Trichloroethane	7.897	97	120308	20.822	ug/l	96
36) 1,1-Dichloropropene	8.108	75	97993	19.324	ug/l	97
37) Ethyl Acetate	7.285	43	45843	22.887	ug/l	95
38) Carbon Tetrachloride	8.091	117	100265	19.506	ug/l	93
39) Methylcyclohexane	9.349	83	96667	17.105	ug/l	99
40) Benzene	8.344	78	302641	20.708	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	22471	19.255	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	92021	22.629	ug/l	97
43) Isopropyl Acetate	8.444	43	87840	23.726	ug/l	95
44) Trichloroethene	9.102	130	79336	20.357	ug/l	96
45) 1,2-Dichloropropane	9.379	63	78002	21.193	ug/l	98
46) Dibromomethane	9.467	93	43249	21.396	ug/l	95
47) Bromodichloromethane	9.655	83	114323	22.104	ug/l	97
48) Methyl methacrylate	9.449	41	39291	21.094	ug/l #	84
49) 1,4-Dioxane	9.455	88	9733	466.249	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	229833	119.525	ug/l	95
52) Toluene	10.396	92	193720	20.976	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	98690	21.121	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	115773	20.705	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	63243	23.136	ug/l	95
56) Ethyl methacrylate	10.649	69	67203	22.112	ug/l #	86
57) 1,3-Dichloropropane	10.938	76	103714	22.613	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	145502	113.674	ug/l	97
59) 2-Hexanone	10.979	43	151951	119.860	ug/l	97
60) Dibromochloromethane	11.132	129	77240	22.661	ug/l	97
61) 1,2-Dibromoethane	11.232	107	58603	22.436	ug/l	98
64) Tetrachloroethene	10.867	164	64842	19.944	ug/l	96
65) Chlorobenzene	11.661	112	213685	20.984	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	79982	21.178	ug/l	98
67) Ethyl Benzene	11.732	91	350781	19.623	ug/l	99
68) m/p-Xylenes	11.843	106	280156	40.339	ug/l	98
69) o-Xylene	12.167	106	127037	19.911	ug/l	97
70) Styrene	12.185	104	230889	21.034	ug/l	96
71) Bromoform	12.349	173	45623	23.472	ug/l #	98
73) Isopropylbenzene	12.467	105	329457	19.031	ug/l	99
74) N-amyl acetate	12.279	43	81483	21.576	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	72648	22.753	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	86387	36.256	ug/l #	100
77) Bromobenzene	12.749	156	86008	21.105	ug/l	92
78) n-propylbenzene	12.808	91	422881	19.457	ug/l	99
79) 2-Chlorotoluene	12.896	91	255361	20.350	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	294998	20.116	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	19443	19.590	ug/l	90
82) 4-Chlorotoluene	12.990	91	265483	20.184	ug/l	98
83) tert-Butylbenzene	13.208	119	231602	18.739	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	293468	20.257	ug/l	97
85) sec-Butylbenzene	13.385	105	367467	19.472	ug/l	100
86) p-Isopropyltoluene	13.502	119	299333	19.458	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	172595	21.012	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	172088	20.754	ug/l	100
89) n-Butylbenzene	13.826	91	276761	18.882	ug/l	99
90) Hexachloroethane	14.096	117	64413	20.236	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	150679	21.201	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11394	23.303	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	81164	20.115	ug/l	96
94) Hexachlorobutadiene	15.243	225	43493	19.128	ug/l	98
95) Naphthalene	15.379	128	146593	20.682	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	75322	21.057	ug/l	97

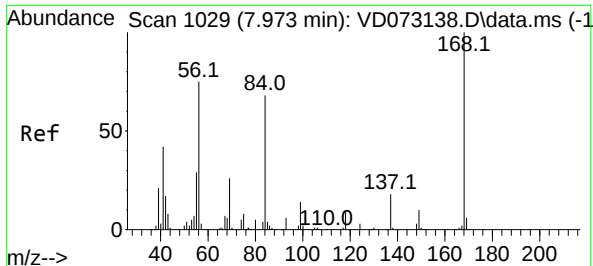
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
Data File : VD073298.D
Acq On : 23 May 2022 23:32
Operator : VA/SY
Sample : VD0523SBS02
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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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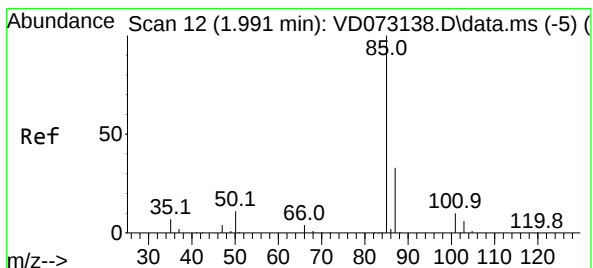
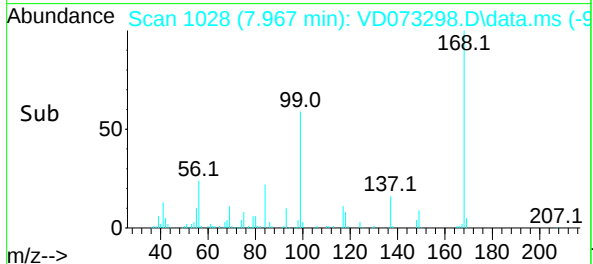
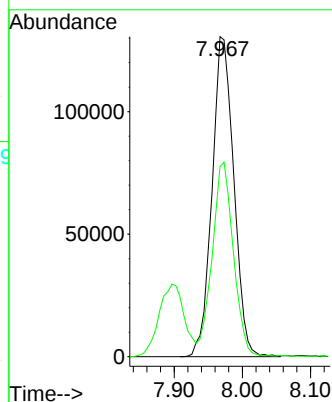
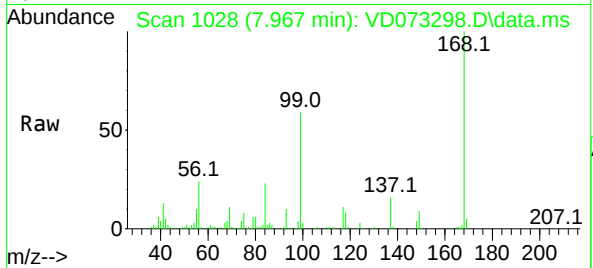
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

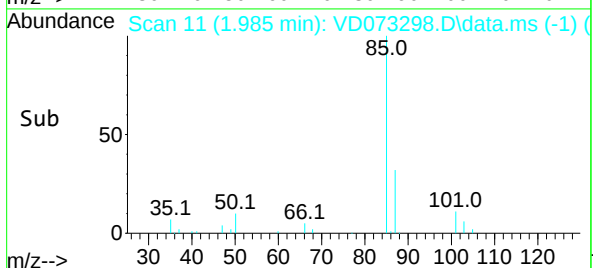
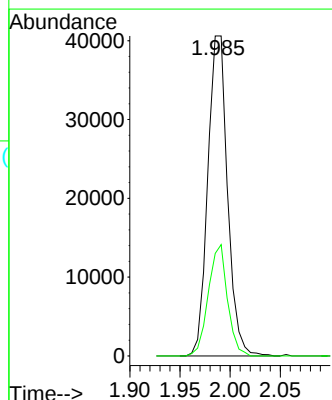
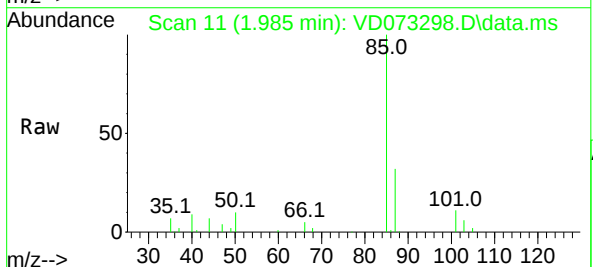
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ClientSampleId :
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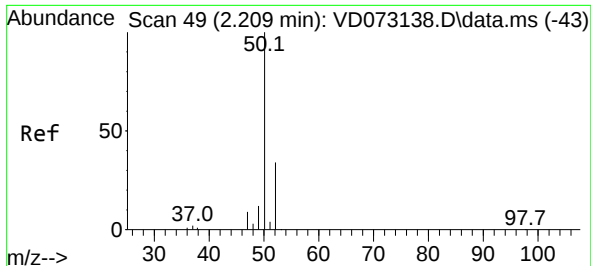
Tgt Ion:168 Resp: 289893
Ion Ratio Lower Upper
168 100
99 59.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 19.257 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 85 Resp: 55783
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.0

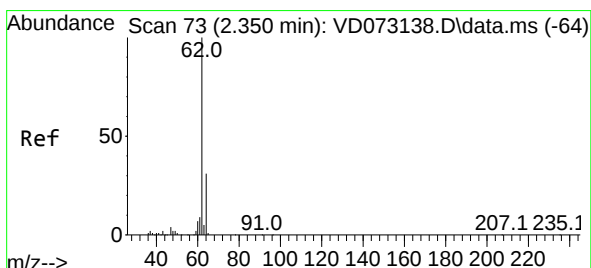
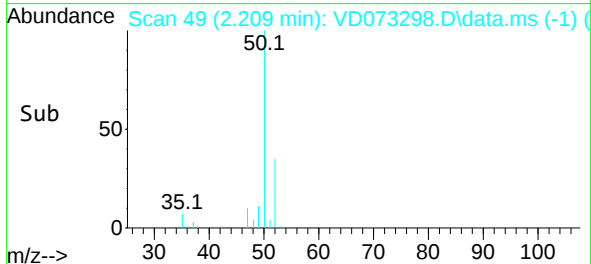
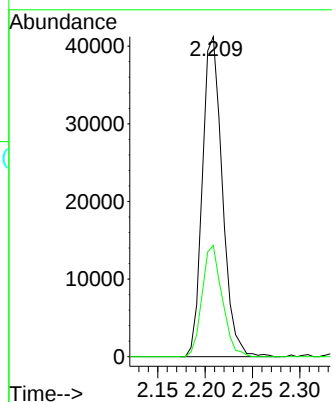
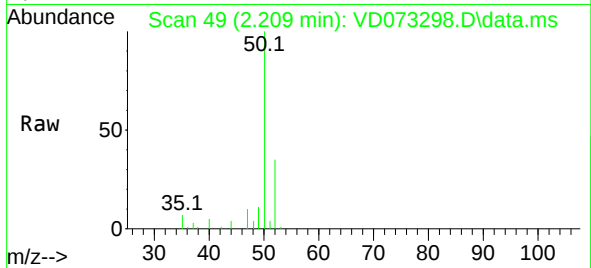




#3
Chloromethane
Concen: 18.465 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

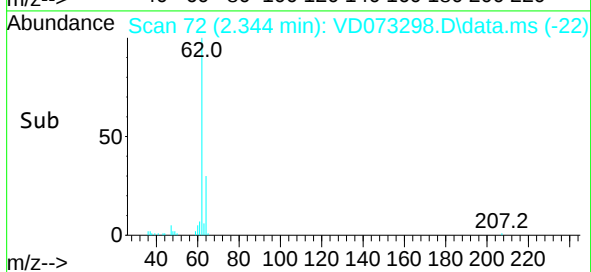
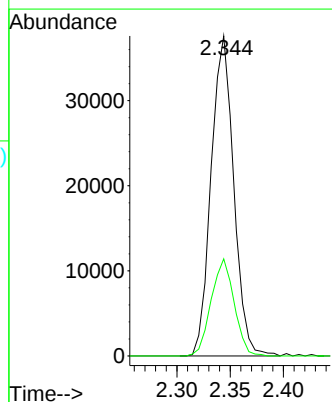
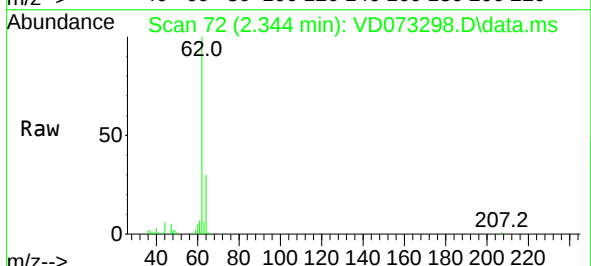
Instrument :
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ClientSampleId :
VD0523SBS02

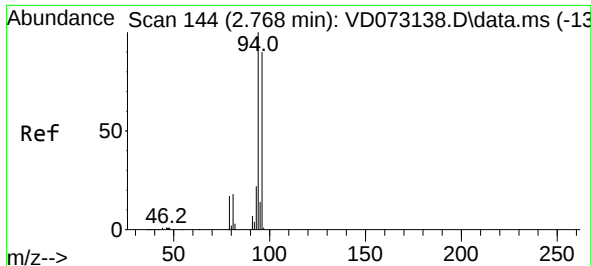
Tgt Ion: 50 Resp: 60481
Ion Ratio Lower Upper
50 100
52 34.8 27.4 41.0



#4
Vinyl Chloride
Concen: 18.493 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 62 Resp: 55390
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.0

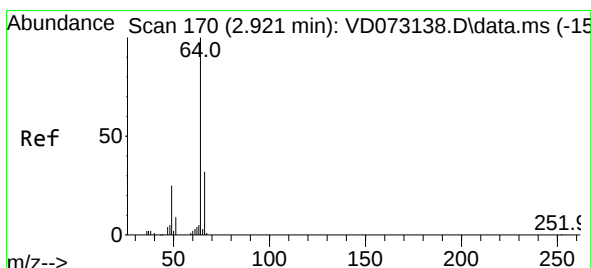
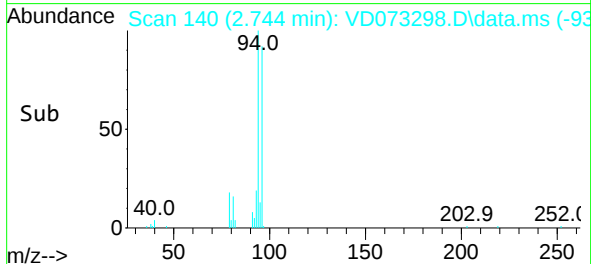
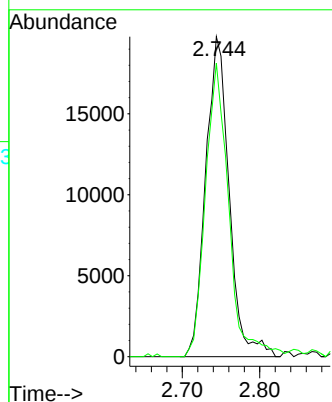
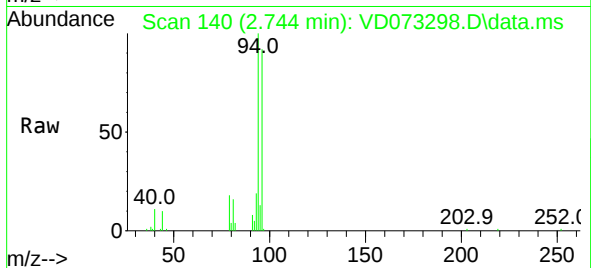




#5
Bromomethane
Concen: 19.185 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.024 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

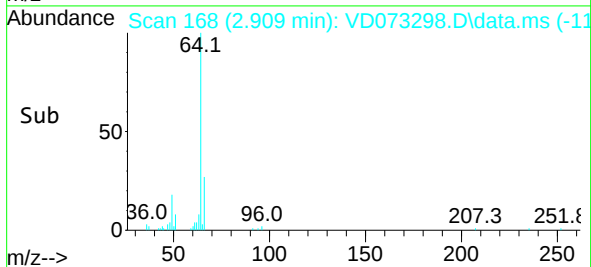
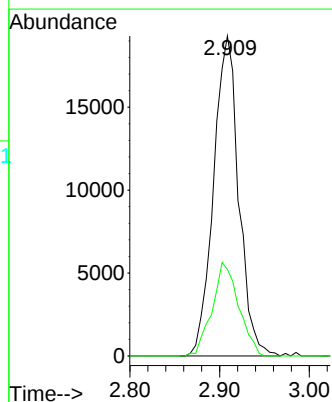
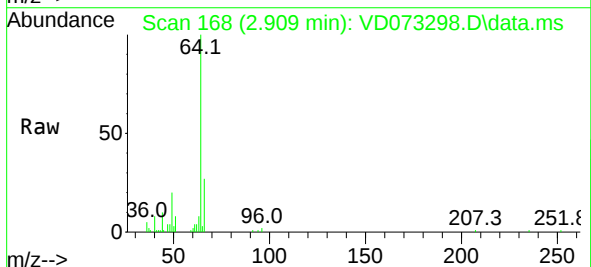
Instrument :
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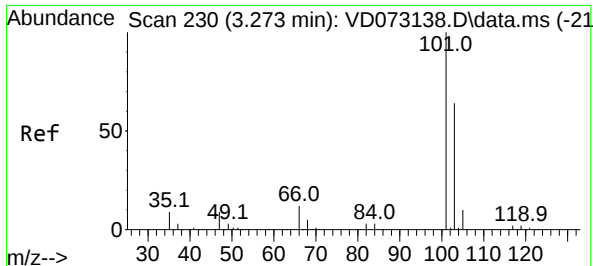
Tgt Ion: 94 Resp: 41613
Ion Ratio Lower Upper
94 100
96 91.7 77.6 116.4



#6
Chloroethane
Concen: 20.432 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 64 Resp: 37621
Ion Ratio Lower Upper
64 100
66 27.1 25.9 38.9

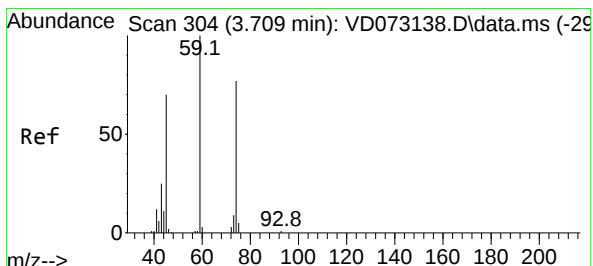
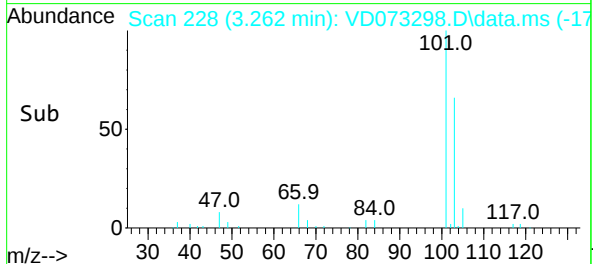
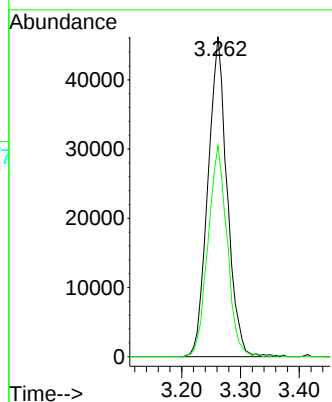
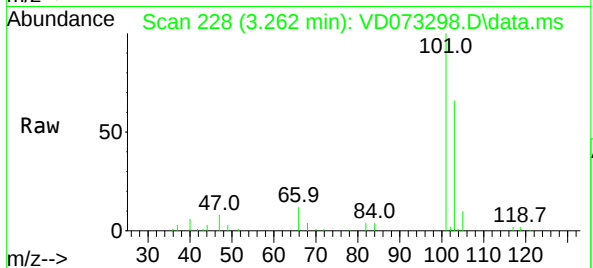




#7
Trichlorofluoromethane
Concen: 19.765 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

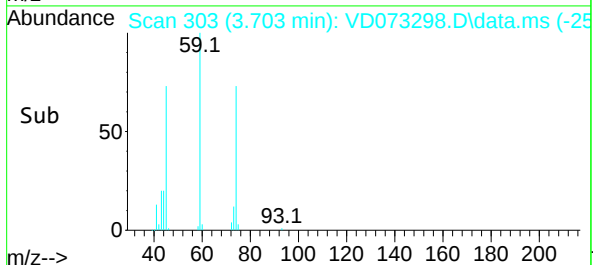
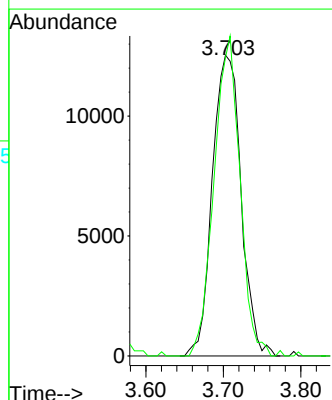
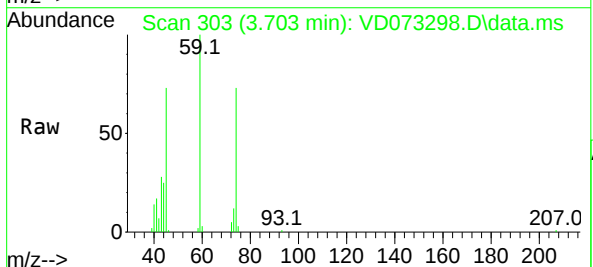
Instrument :
MSVOA_D
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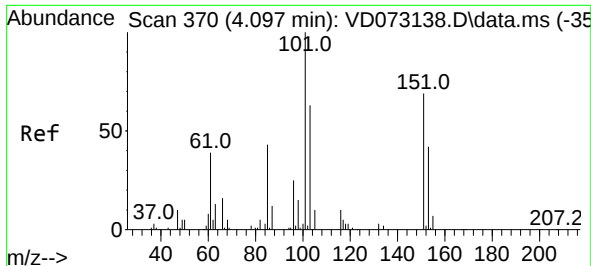
Tgt Ion:101 Resp: 104679
Ion Ratio Lower Upper
101 100
103 66.0 50.1 75.1



#8
Diethyl Ether
Concen: 22.216 ug/l
RT: 3.703 min Scan# 303
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 74 Resp: 32330
Ion Ratio Lower Upper
74 100
45 95.8 52.6 157.8



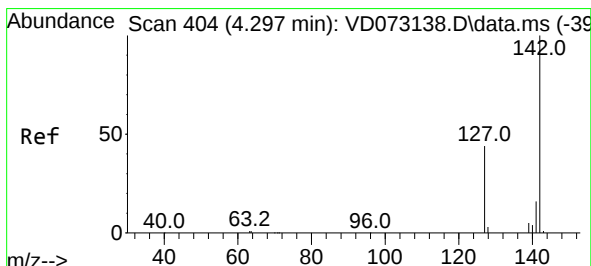
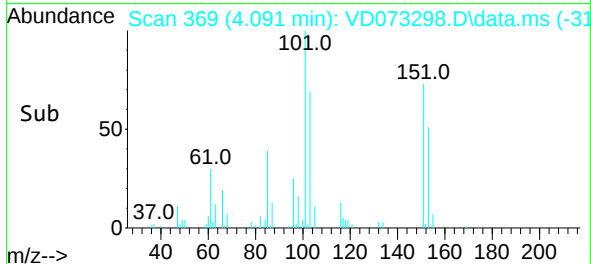
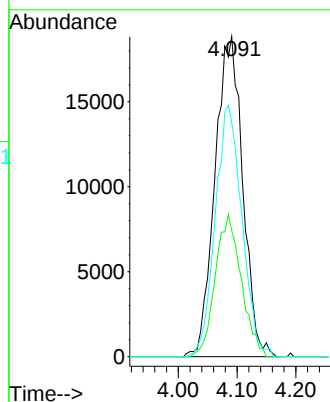
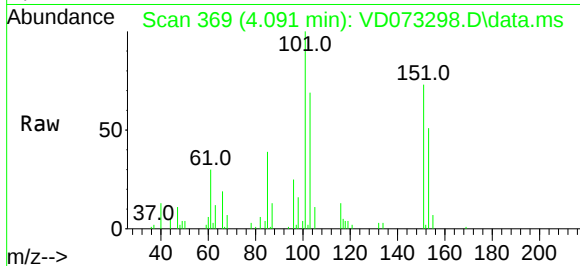


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.523 ug/l
 RT: 4.091 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

Instrument :
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 VD0523SBS02

Tgt Ion:101 Resp: 61693

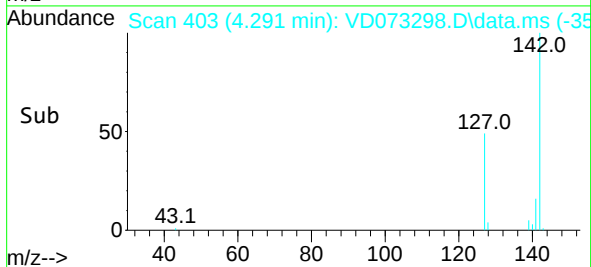
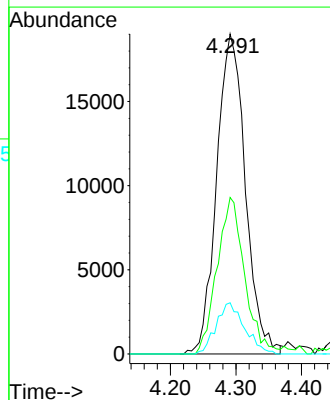
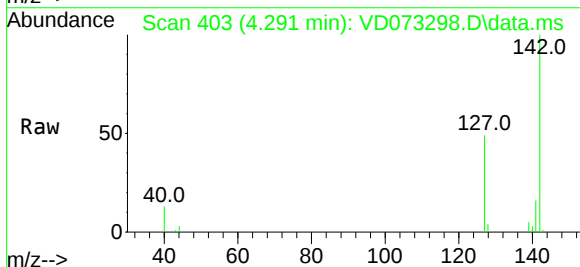
Ion	Ratio	Lower	Upper
101	100		
85	41.5	36.4	54.6
151	75.6	57.3	85.9

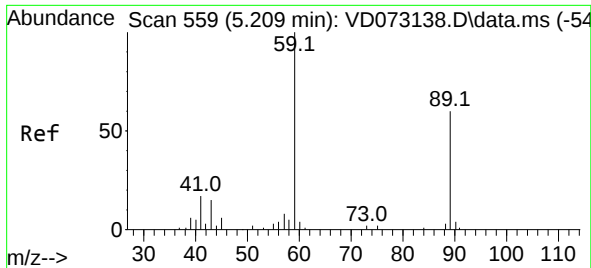


#10
 Methyl Iodide
 Concen: 16.947 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

Tgt Ion:142 Resp: 57776

Ion	Ratio	Lower	Upper
142	100		
127	46.9	37.3	55.9
141	15.8	11.7	17.5

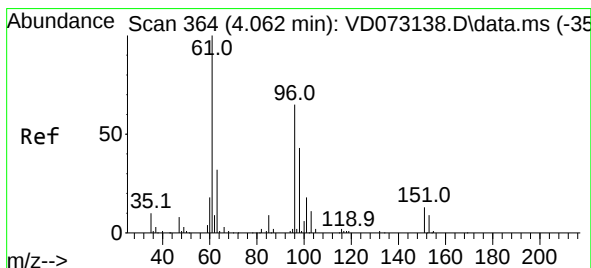
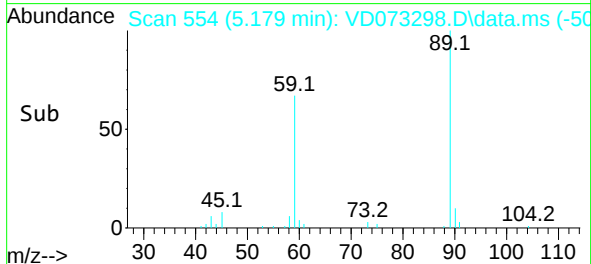
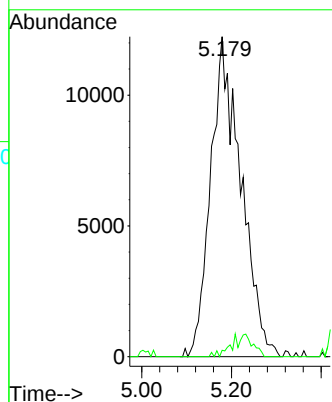
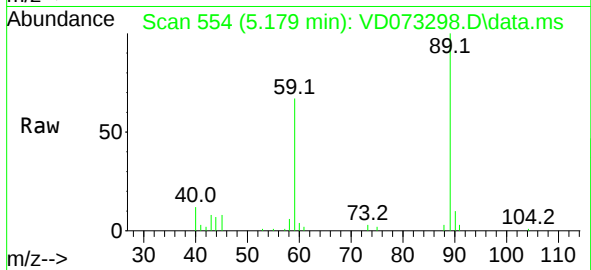




#11
Tert butyl alcohol
Concen: 115.310 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

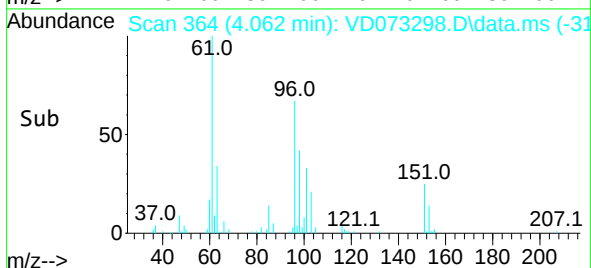
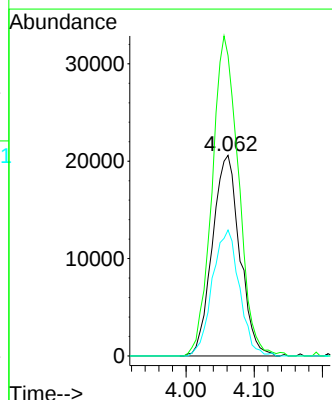
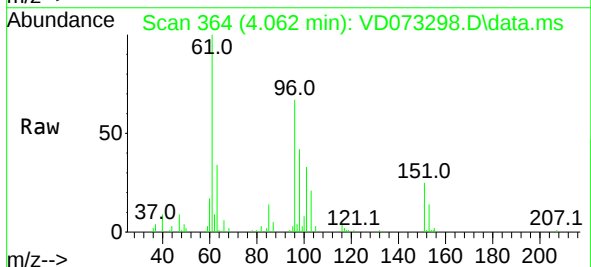
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

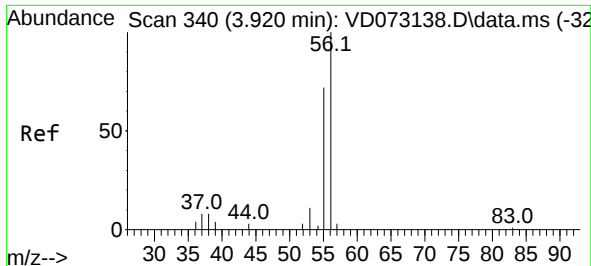
Tgt Ion: 59 Resp: 57316
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.825 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 96 Resp: 57756
Ion Ratio Lower Upper
96 100
61 149.7 138.5 207.7
98 62.8 48.6 73.0

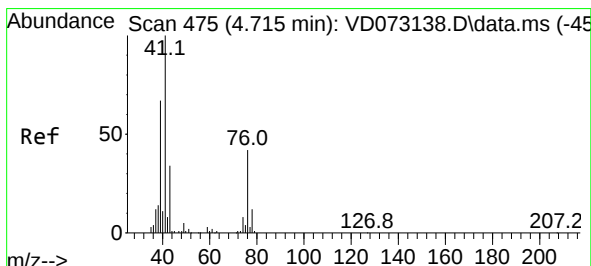
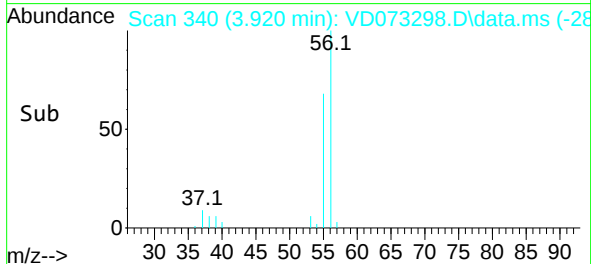
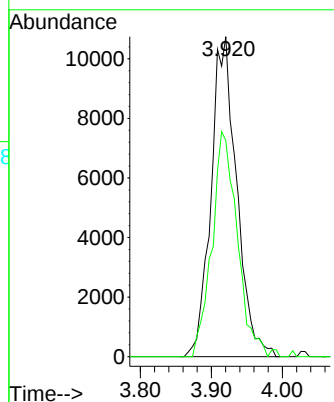
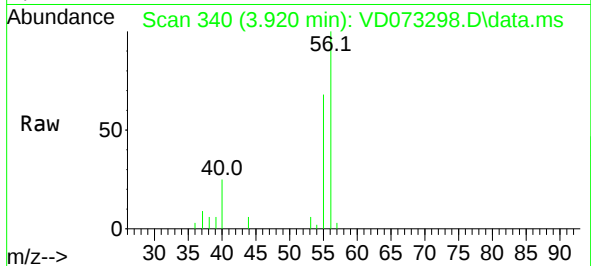




#13
Acrolein
Concen: 128.670 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

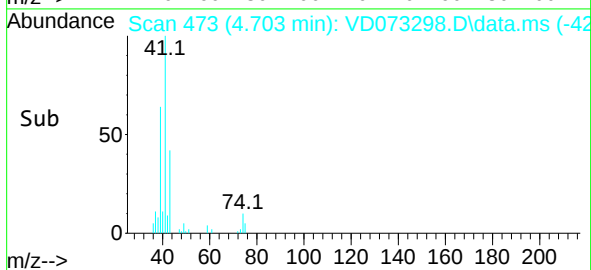
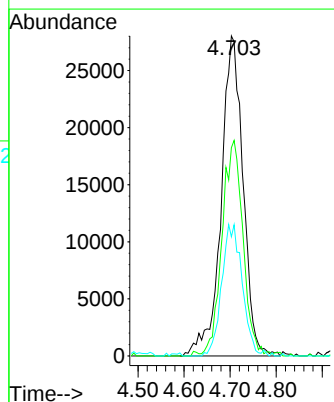
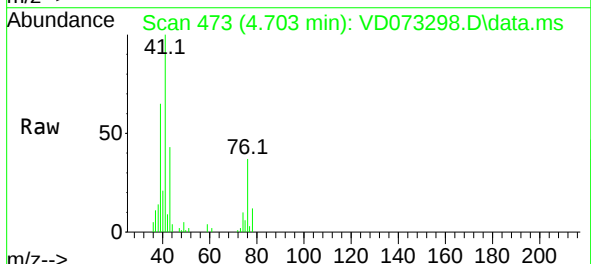
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

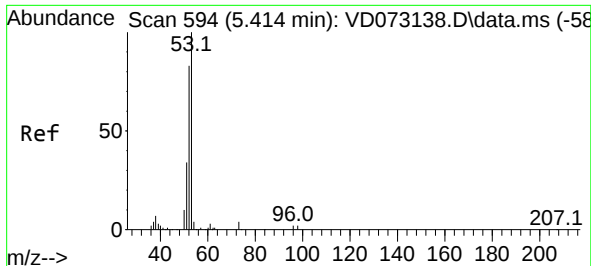
Tgt Ion: 56 Resp: 26948
Ion Ratio Lower Upper
56 100
55 69.2 57.1 85.7



#14
Allyl chloride
Concen: 19.638 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

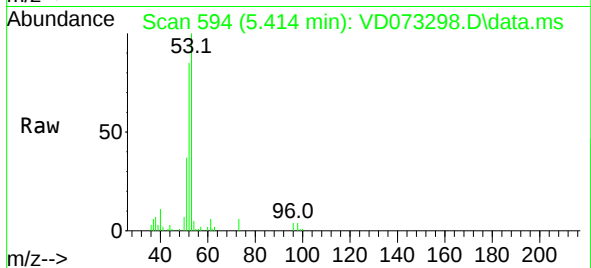
Tgt Ion: 41 Resp: 92348
Ion Ratio Lower Upper
41 100
39 62.8 59.3 88.9
76 38.3 25.7 38.5



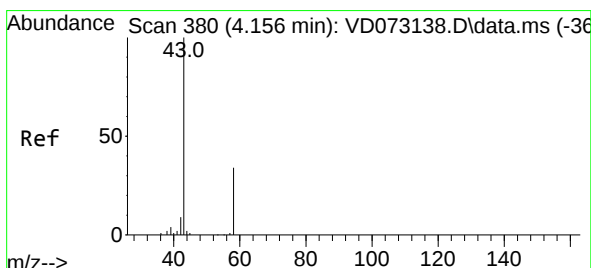
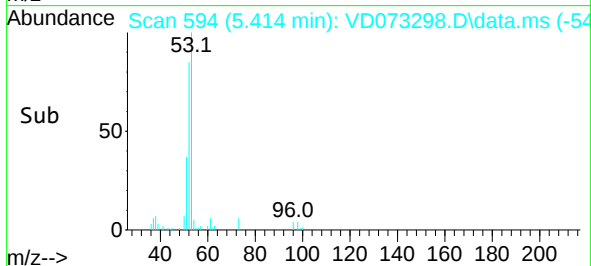
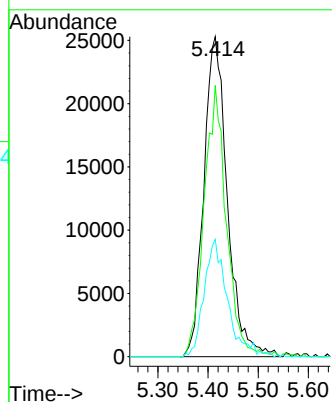


#15
Acrylonitrile
Concen: 123.956 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

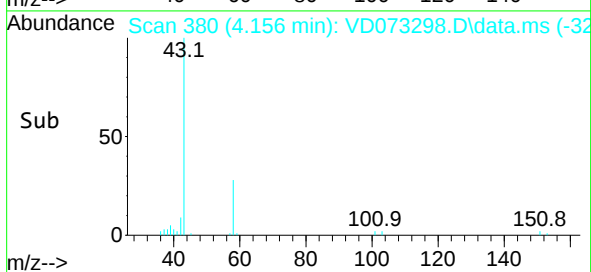
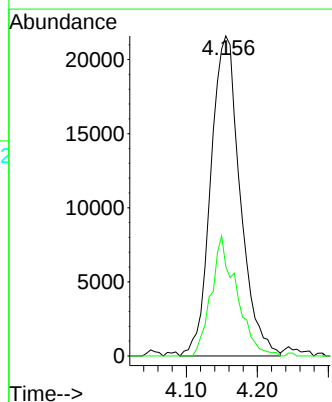
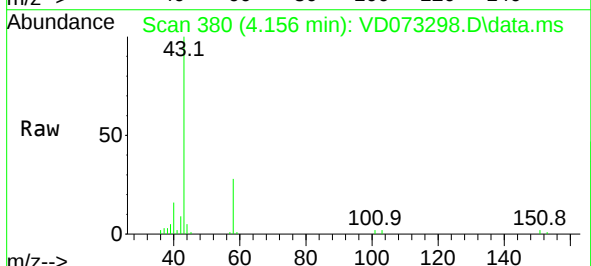


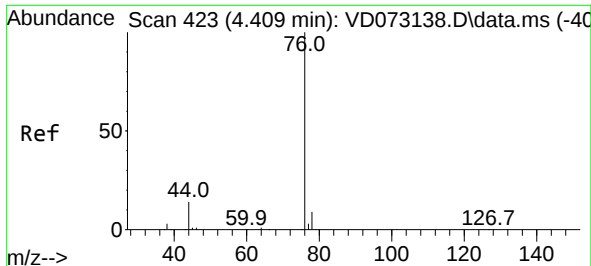
Tgt Ion: 53 Resp: 82488
Ion Ratio Lower Upper
53 100
52 80.0 67.2 100.8
51 36.5 30.3 45.5



#16
Acetone
Concen: 111.634 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 43 Resp: 61948
Ion Ratio Lower Upper
43 100
58 28.0 22.1 33.1

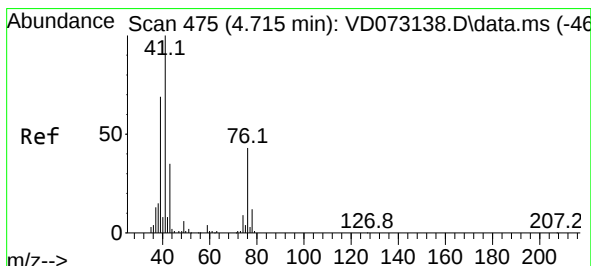
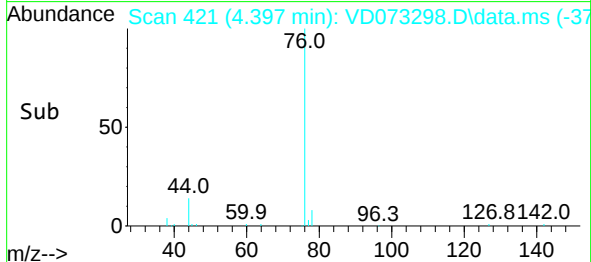
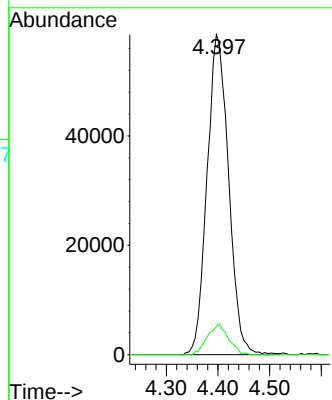
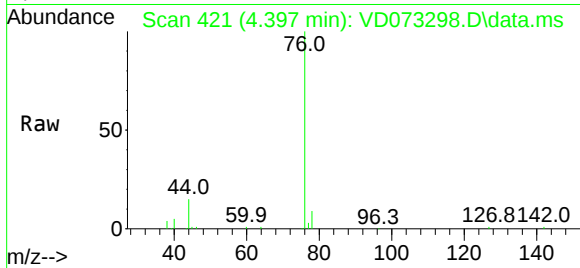




#17
Carbon Disulfide
Concen: 17.554 ug/l
RT: 4.397 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

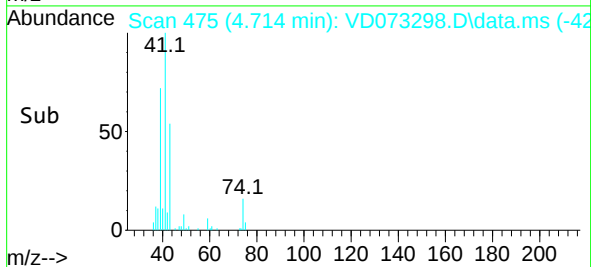
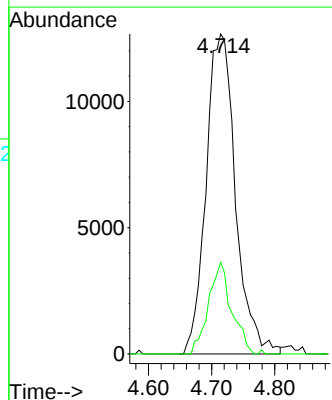
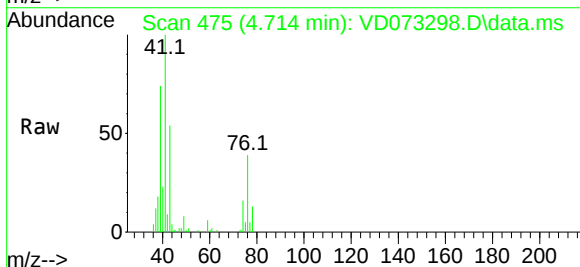
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

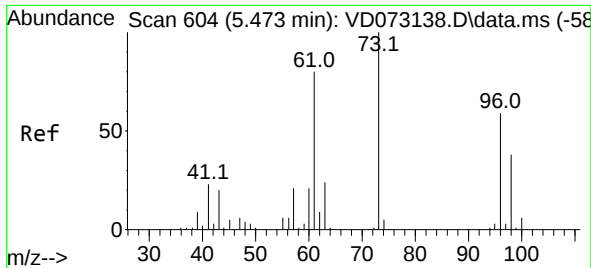
Tgt Ion: 76 Resp: 169530
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 26.615 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 43 Resp: 41068
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1

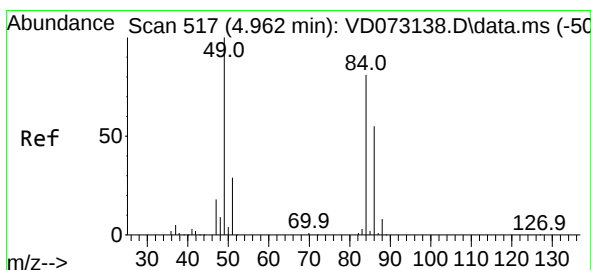
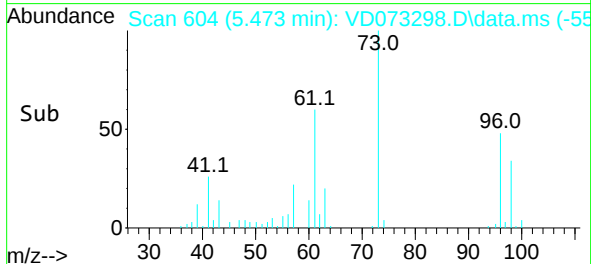
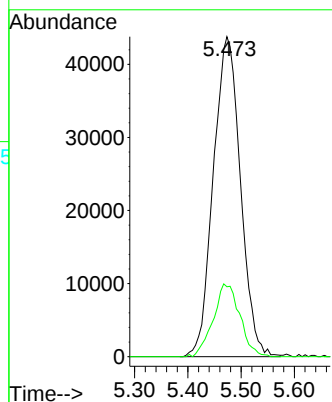
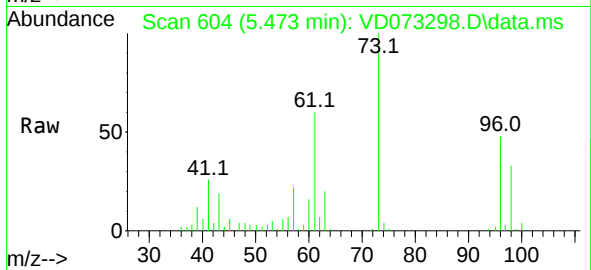




#19
Methyl tert-butyl Ether
Concen: 23.314 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

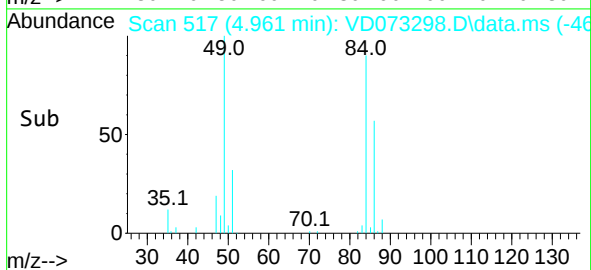
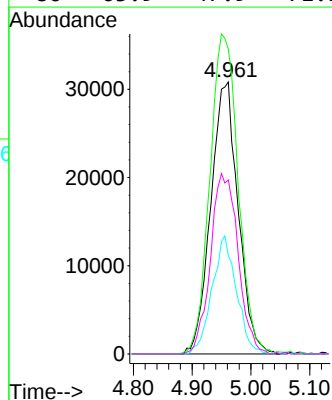
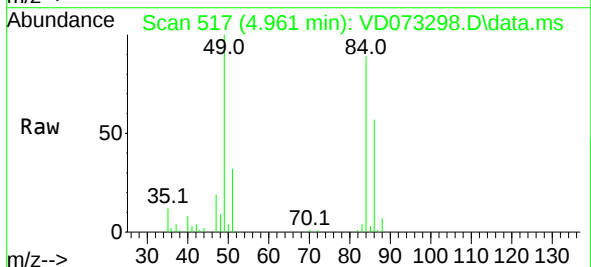
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

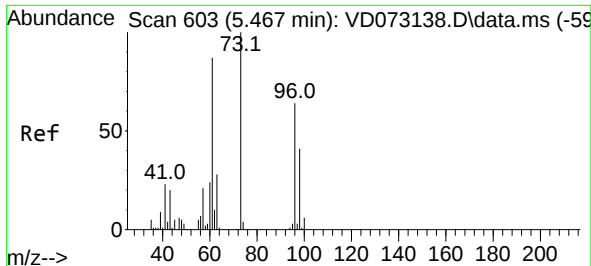
Tgt Ion: 73 Resp: 154736
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 26.503 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 84 Resp: 99888
Ion Ratio Lower Upper
84 100
49 112.0 112.8 169.2#
51 36.1 32.6 48.8
86 63.9 47.9 71.9

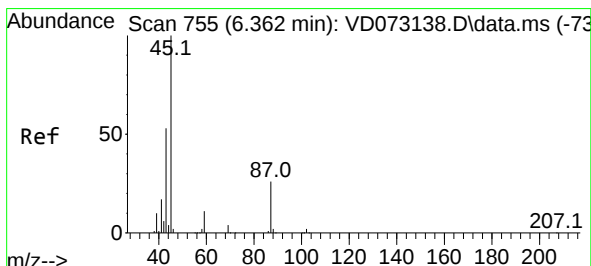
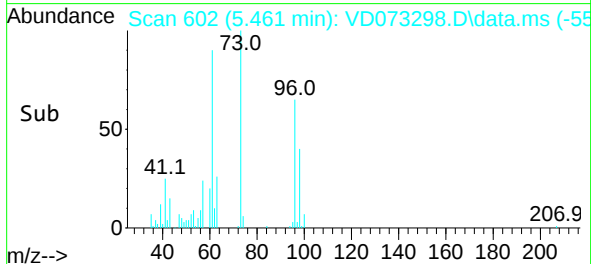
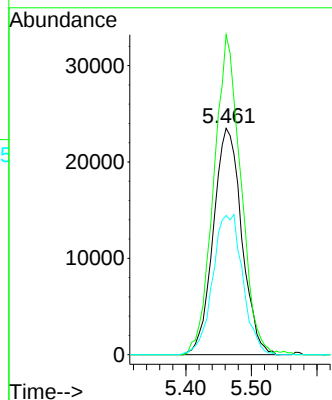
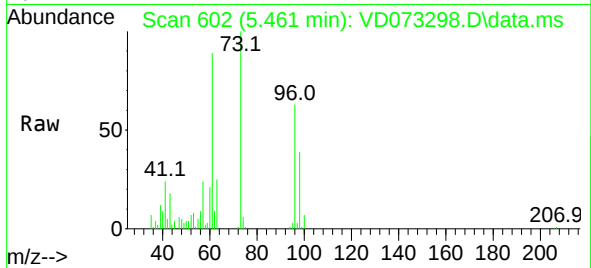




#21
trans-1,2-Dichloroethene
Concen: 20.066 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

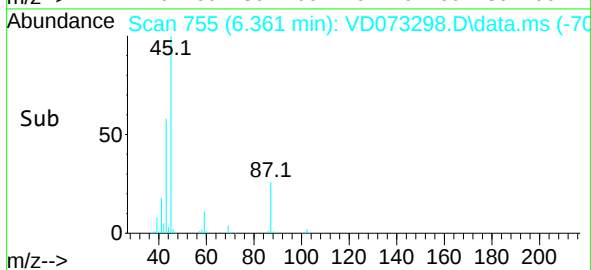
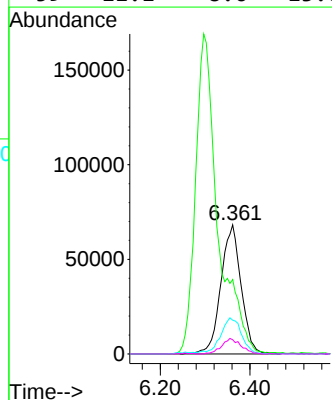
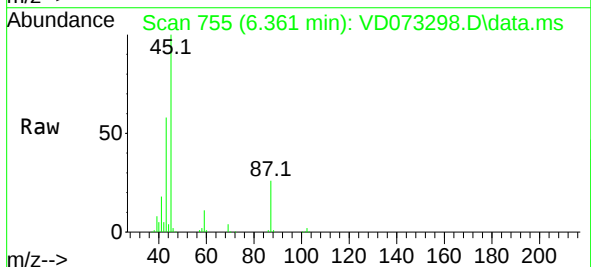
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

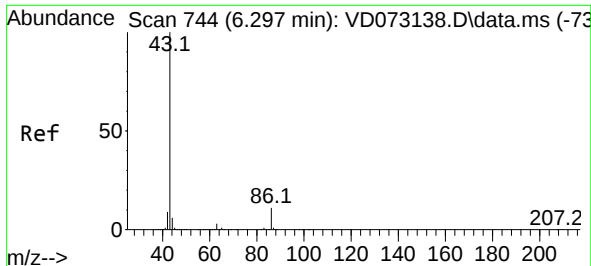
Tgt Ion: 96 Resp: 70682
Ion Ratio Lower Upper
96 100
61 141.3 117.9 176.9
98 61.5 49.4 74.2



#22
Diisopropyl ether
Concen: 21.698 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 45 Resp: 213903
Ion Ratio Lower Upper
45 100
43 56.8 46.6 70.0
87 26.1 18.4 27.6
59 11.1 8.6 13.0

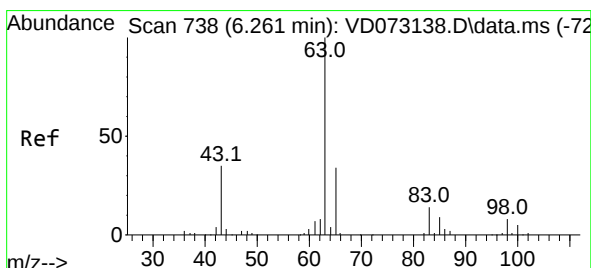
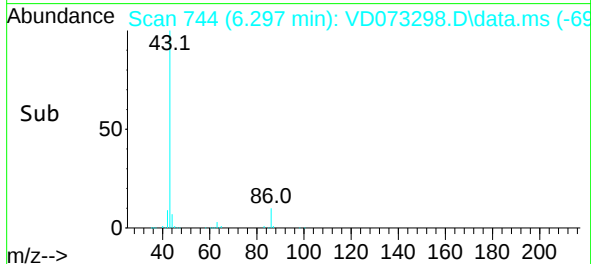
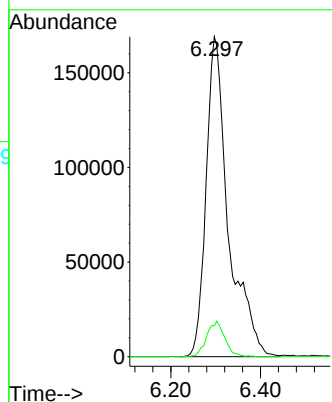
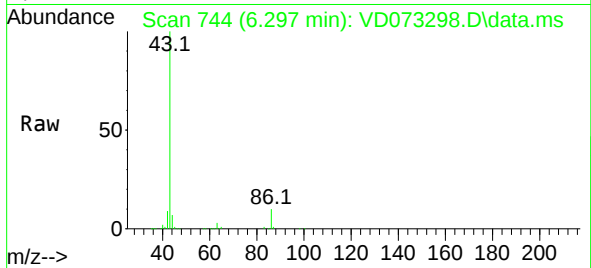




#23
 Vinyl Acetate
 Concen: 111.086 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

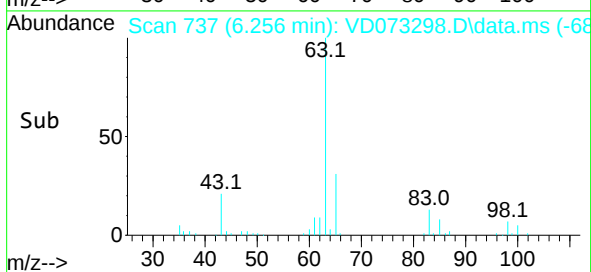
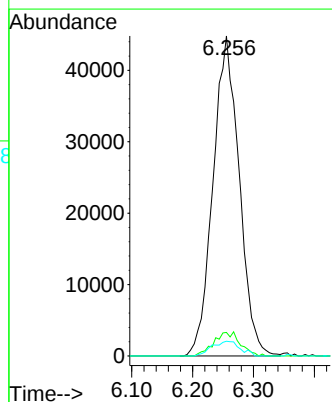
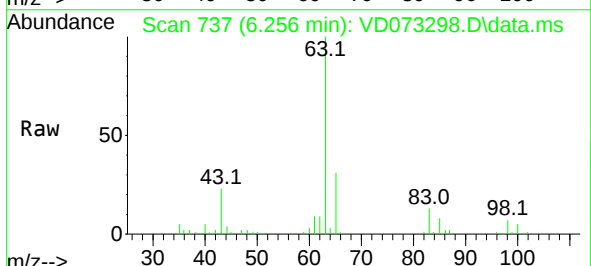
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBS02

Tgt Ion: 43 Resp: 584126
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 21.133 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

Tgt Ion: 63 Resp: 133723
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.6 2.1 6.5

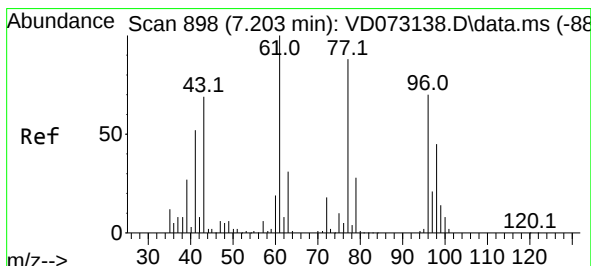
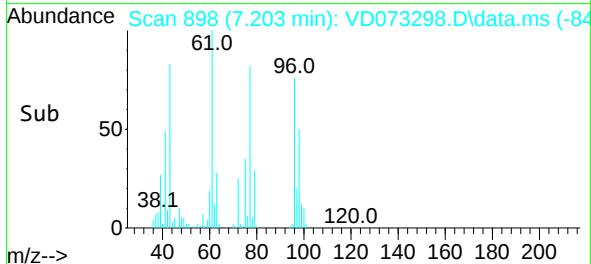
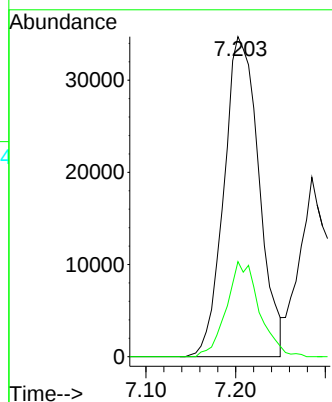
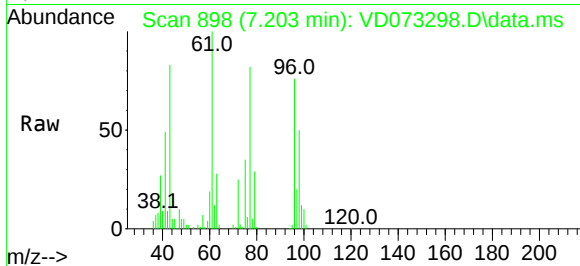




#25
2-Butanone
Concen: 115.907 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

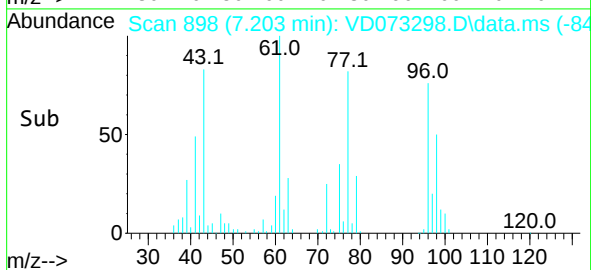
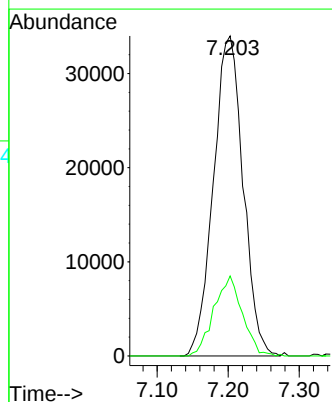
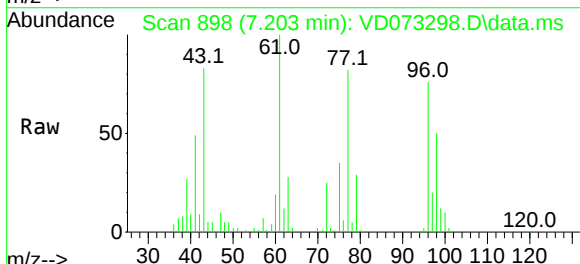
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

Tgt Ion: 43 Resp: 94101
Ion Ratio Lower Upper
43 100
72 29.7 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 18.276 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 77 Resp: 98625
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.4

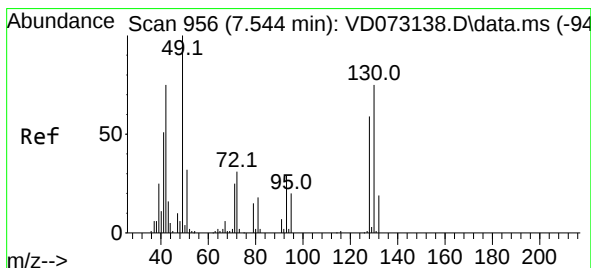
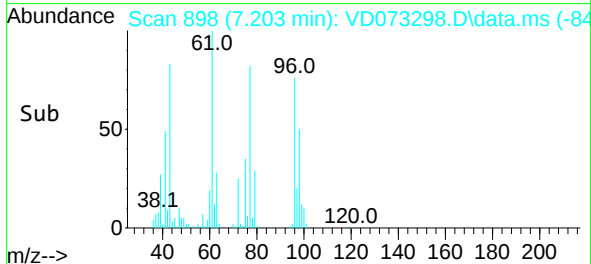
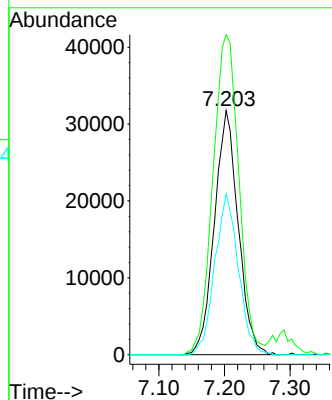
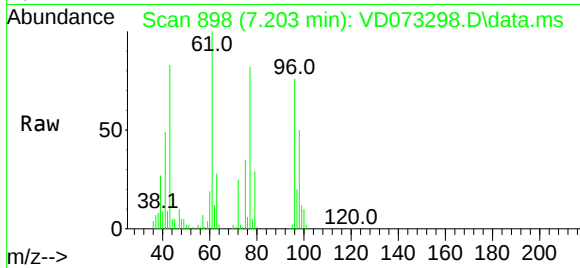




#27
 cis-1,2-Dichloroethene
 Concen: 20.517 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

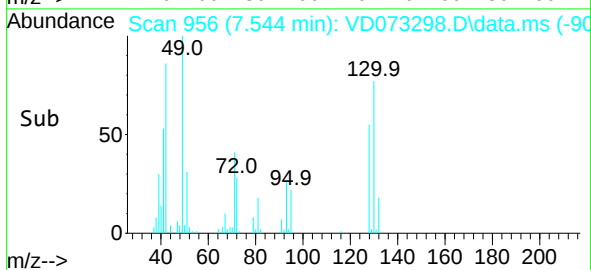
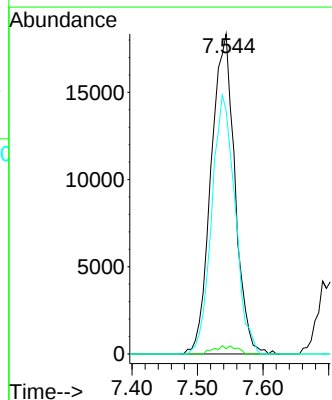
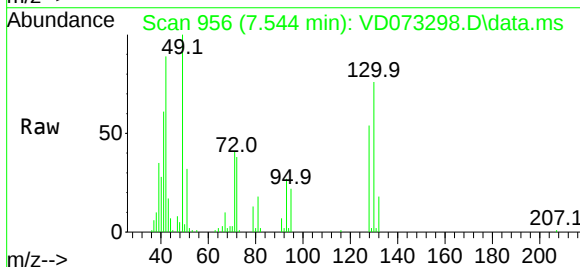
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBS02

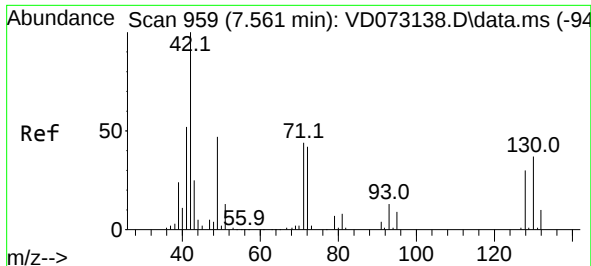
Tgt Ion: 96 Resp: 79968
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 313.8
 98 65.5 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.241 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

Tgt Ion: 49 Resp: 46304
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 79.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 121.733 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

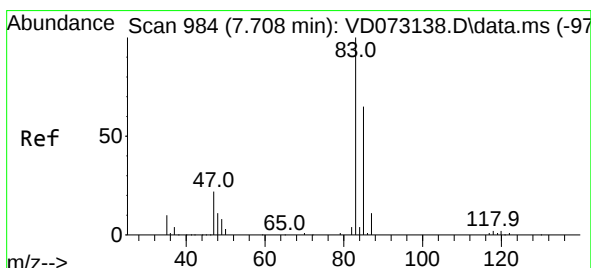
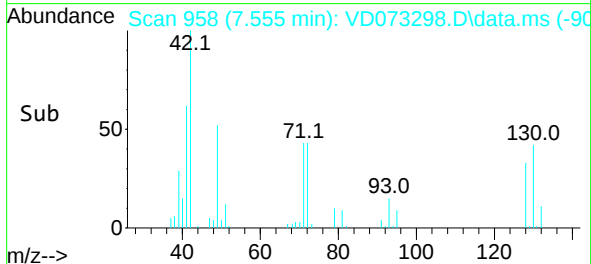
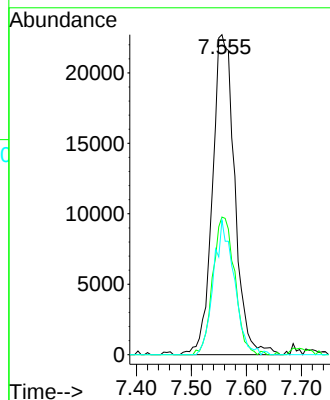
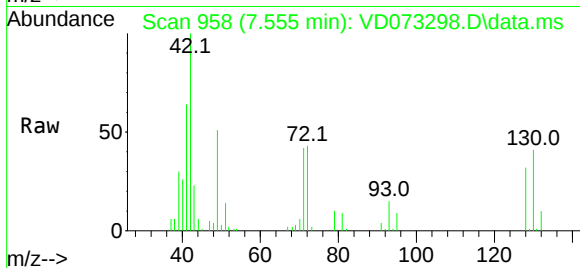
Tgt Ion: 42 Resp: 63906

Ion Ratio Lower Upper

42 100

72 42.0 30.7 46.1

71 39.1 28.6 43.0



#30

Chloroform

Concen: 21.895 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073298.D

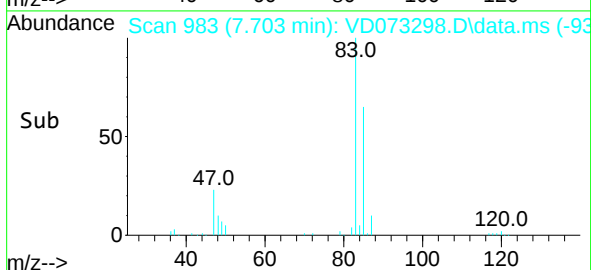
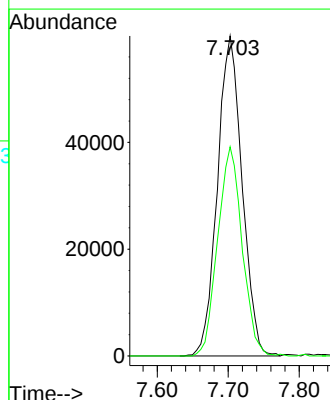
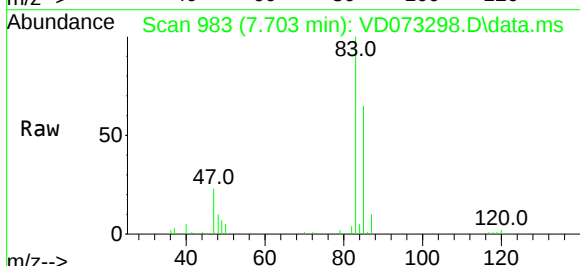
Acq: 23 May 2022 23:32

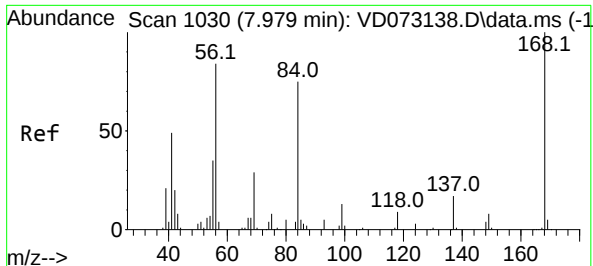
Tgt Ion: 83 Resp: 144642

Ion Ratio Lower Upper

83 100

85 65.4 52.7 79.1





#31

Cyclohexane

Concen: 18.055 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

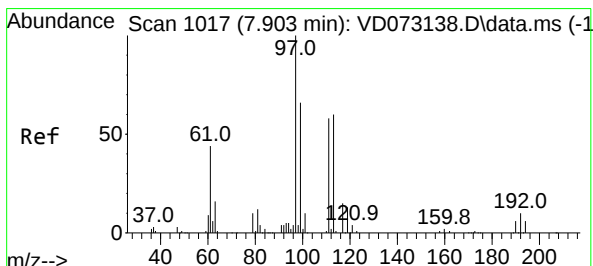
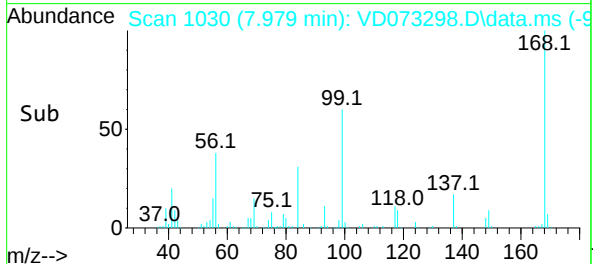
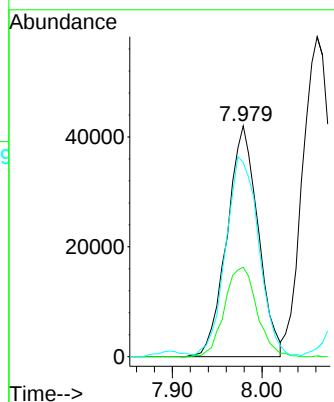
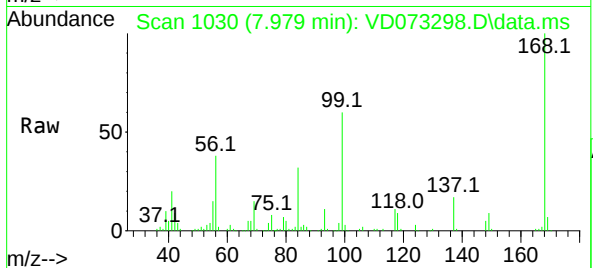
Tgt Ion: 56 Resp: 101081

Ion Ratio Lower Upper

56 100

69 38.8 25.4 38.2#

84 82.7 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 20.822 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

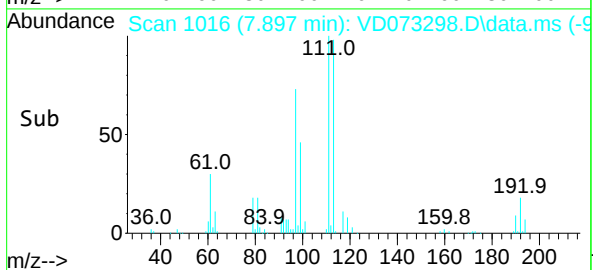
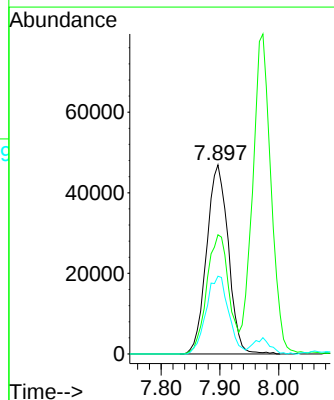
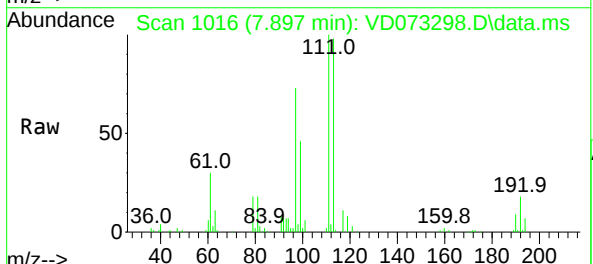
Tgt Ion: 97 Resp: 120308

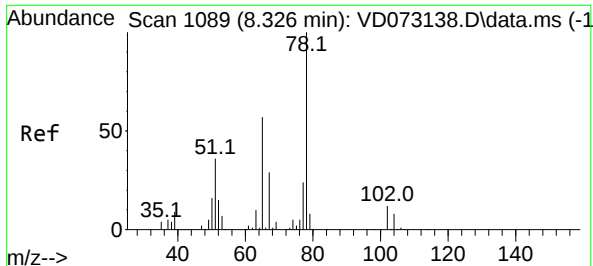
Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 42.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 57.712 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

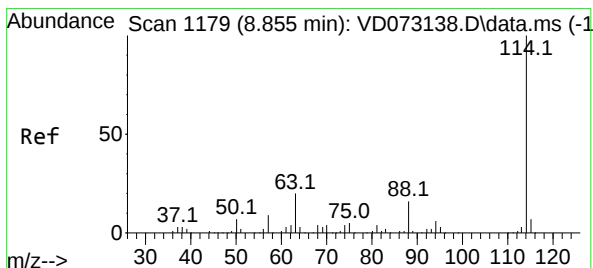
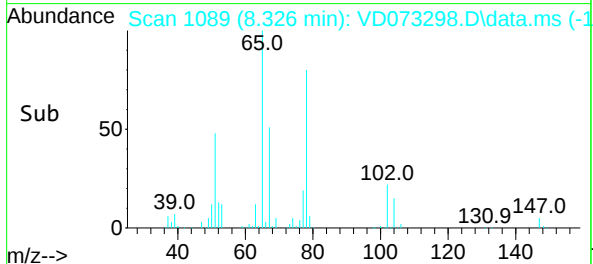
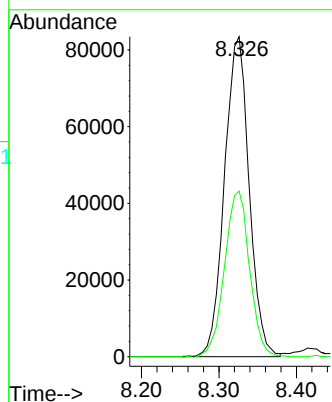
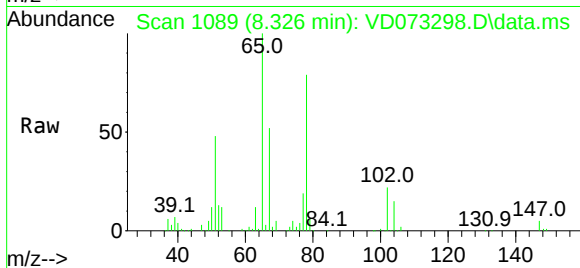
VD0523SBS02

Tgt Ion: 65 Resp: 184894

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

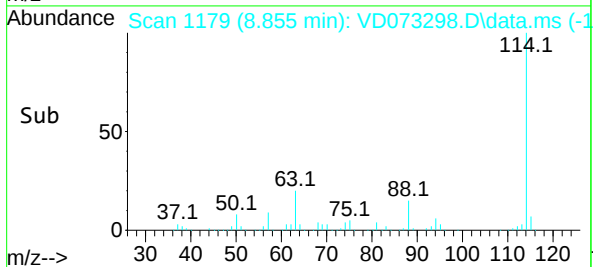
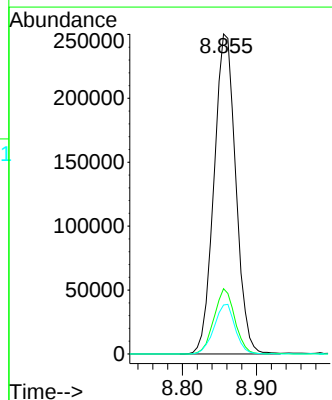
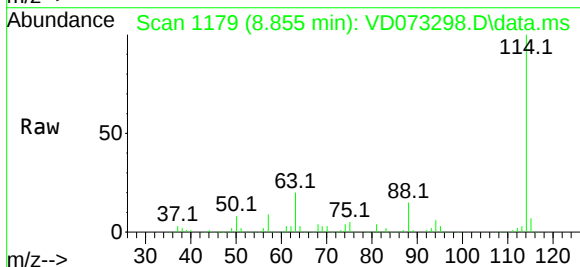
Tgt Ion: 114 Resp: 510966

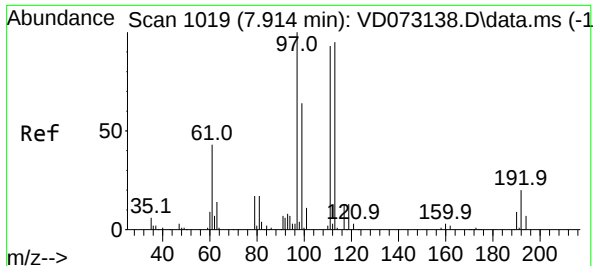
Ion Ratio Lower Upper

114 100

63 20.4 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.365 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

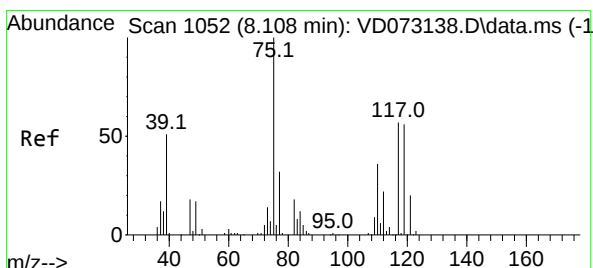
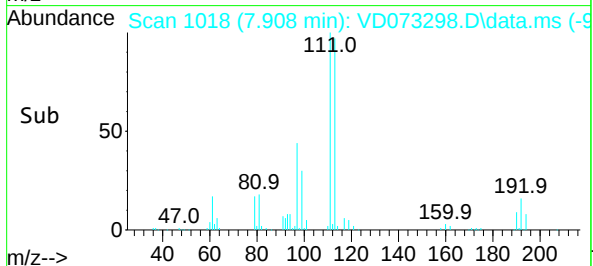
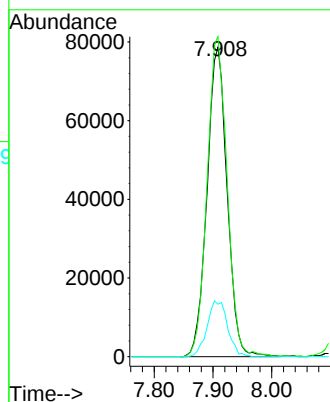
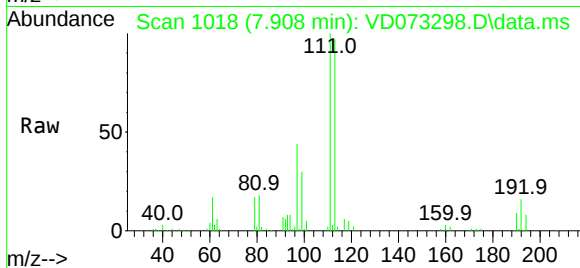
Tgt Ion:113 Resp: 186673

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.324 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

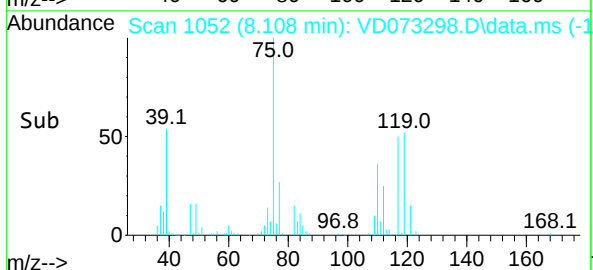
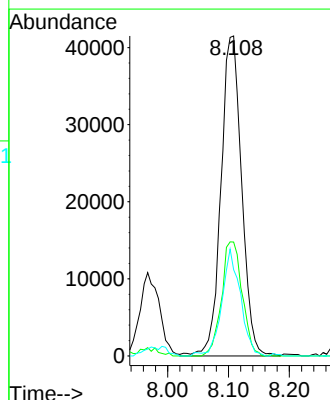
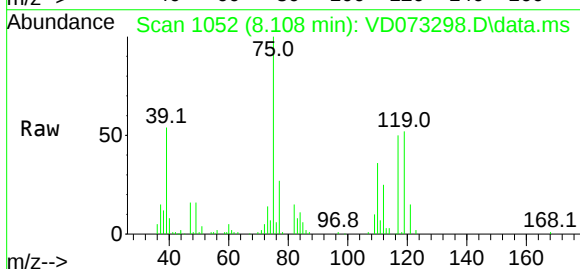
Tgt Ion: 75 Resp: 97993

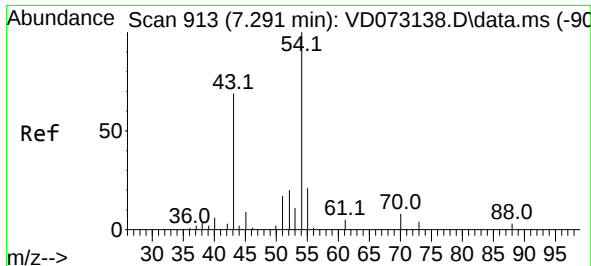
Ion Ratio Lower Upper

75 100

110 35.6 16.4 49.1

77 29.7 24.2 36.2





#37

Ethyl Acetate

Concen: 22.887 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

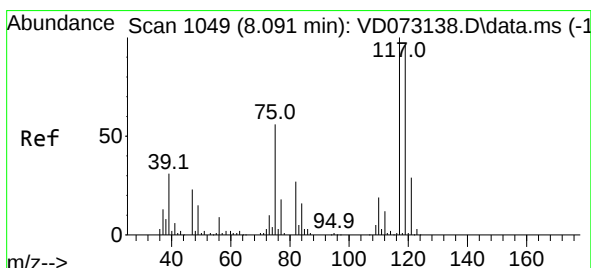
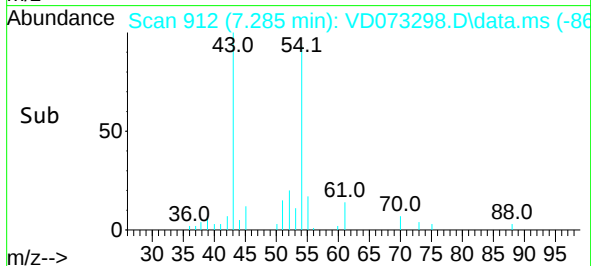
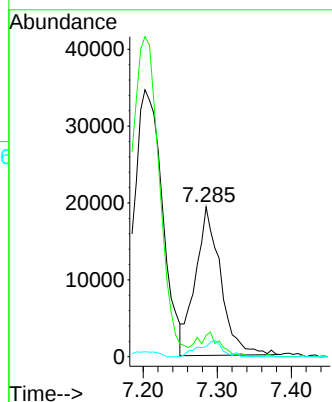
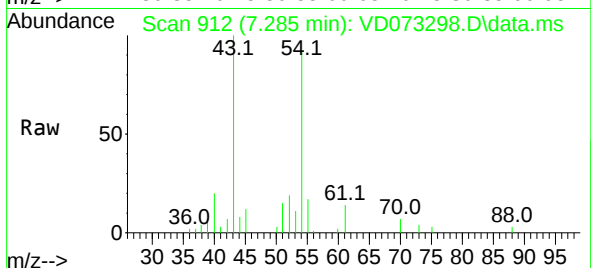
Tgt Ion: 43 Resp: 45843

Ion Ratio Lower Upper

43 100

61 14.6 9.8 14.8

70 10.0 6.9 10.3



#38

Carbon Tetrachloride

Concen: 19.506 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

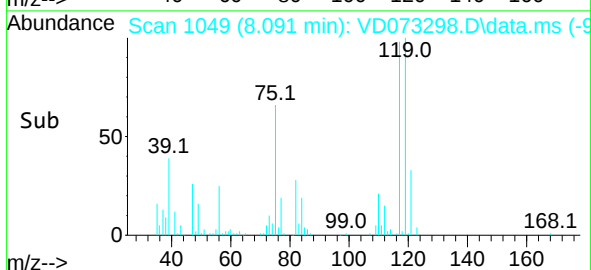
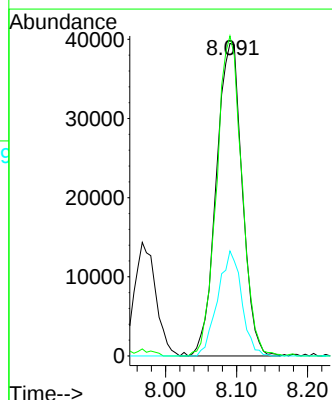
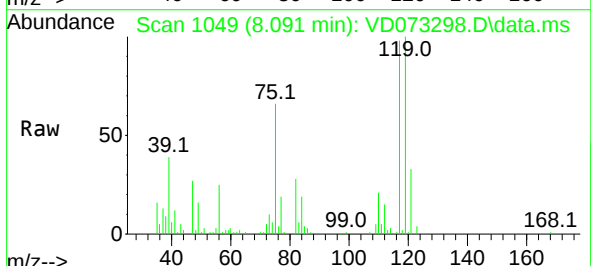
Tgt Ion:117 Resp: 100265

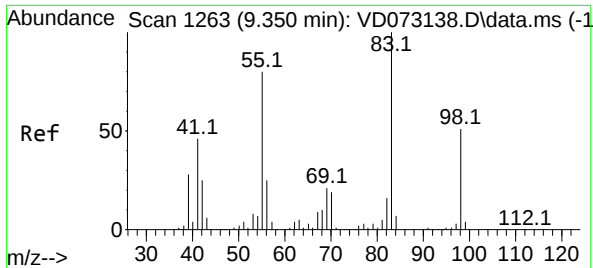
Ion Ratio Lower Upper

117 100

119 102.4 75.8 113.6

121 33.6 24.5 36.7





#39

Methylcyclohexane

Concen: 17.105 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

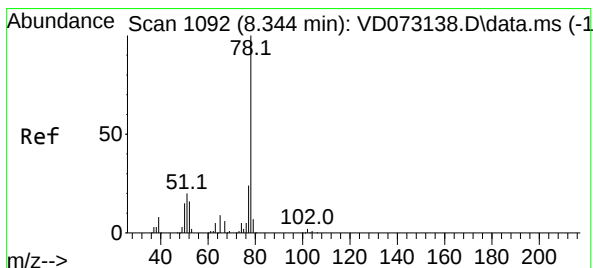
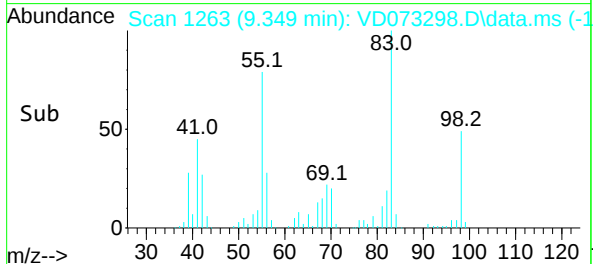
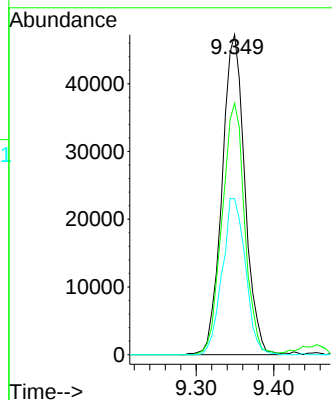
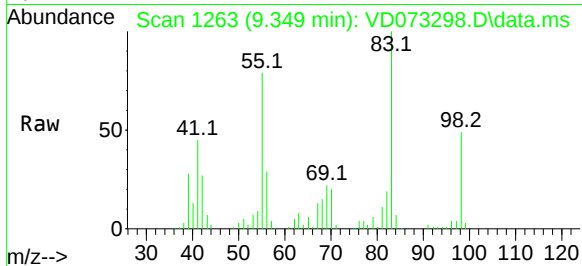
Tgt Ion: 83 Resp: 96667

Ion Ratio Lower Upper

83 100

55 78.6 63.2 94.8

98 48.7 38.2 57.4



#40

Benzene

Concen: 20.708 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073298.D

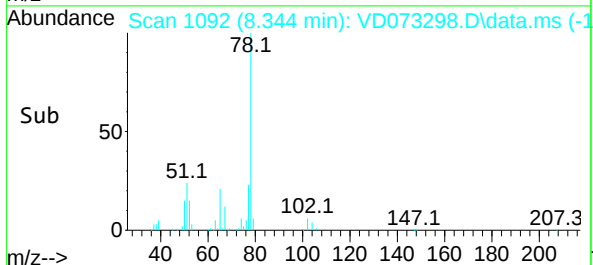
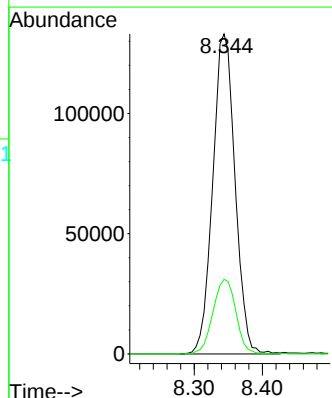
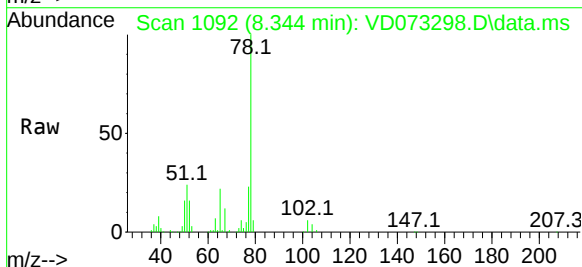
Acq: 23 May 2022 23:32

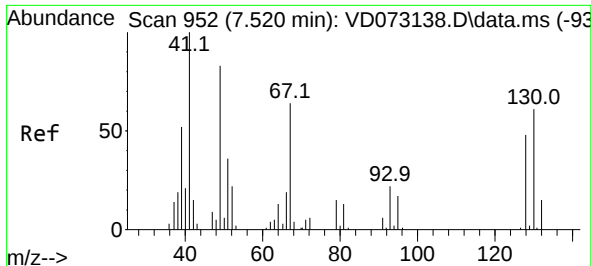
Tgt Ion: 78 Resp: 302641

Ion Ratio Lower Upper

78 100

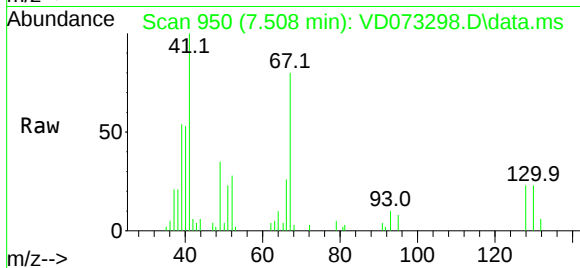
77 23.3 19.1 28.7



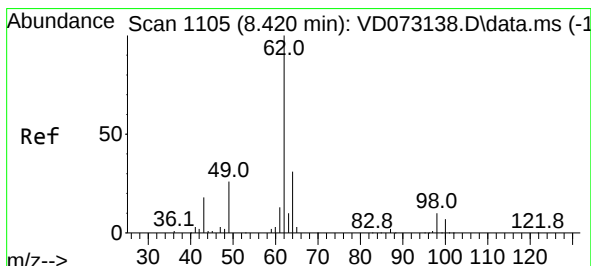
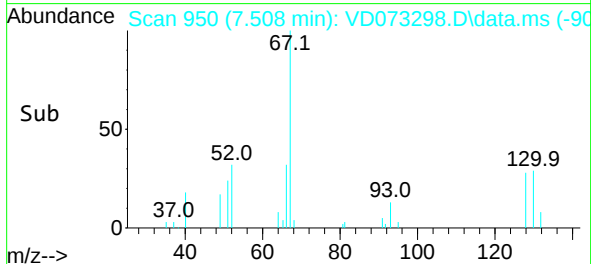
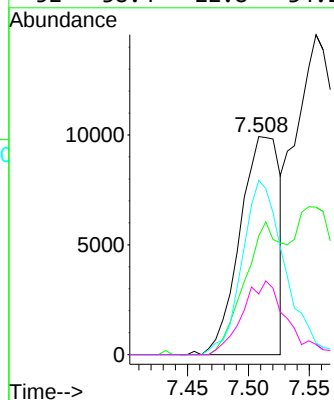


#41
Methacrylonitrile
Concen: 19.255 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

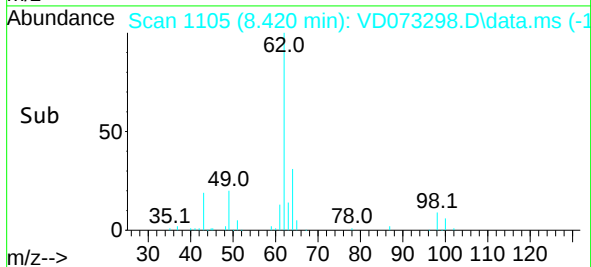
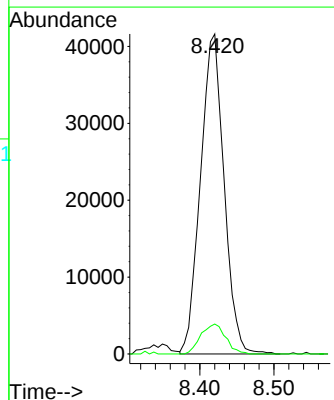
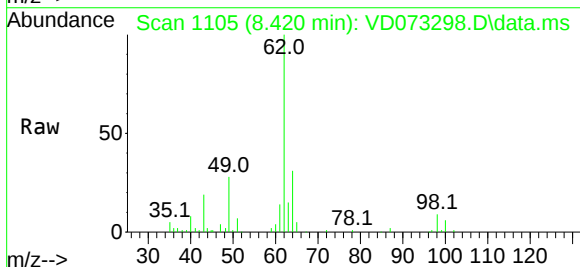


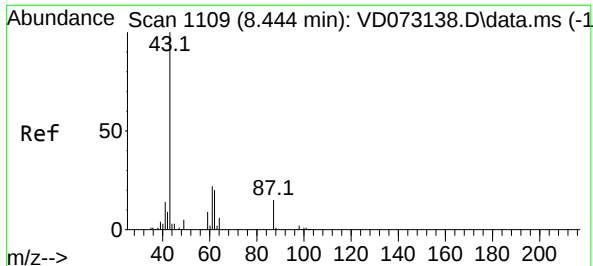
Tgt Ion:	41	Resp:	22471
Ion	Ratio	Lower	Upper
41	100		
39	61.5	44.6	67.0
67	85.3	48.2	72.4#
52	38.4	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 22.629 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:	62	Resp:	92021
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.6





#43

Isopropyl Acetate

Concen: 23.726 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

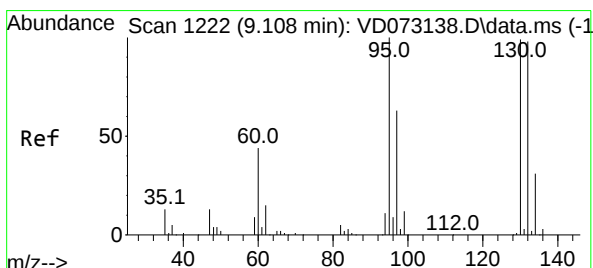
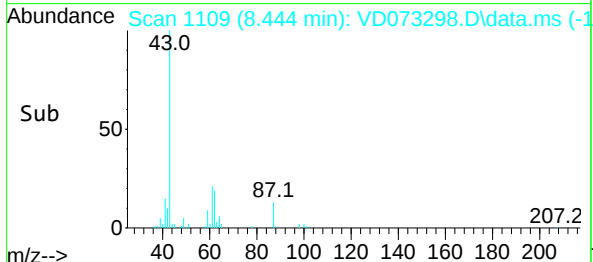
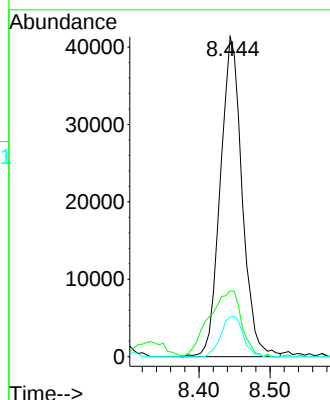
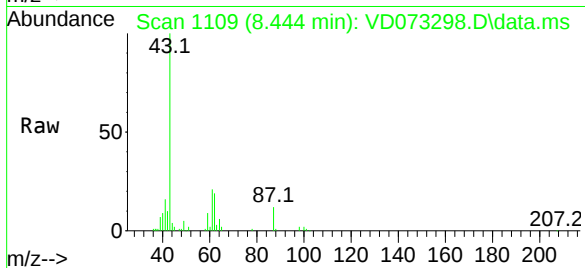
Tgt Ion: 43 Resp: 87840

Ion Ratio Lower Upper

43 100

61 30.8 22.4 33.6

87 12.9 8.7 13.1



#44

Trichloroethene

Concen: 20.357 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073298.D

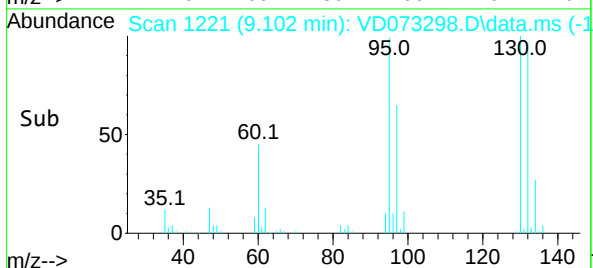
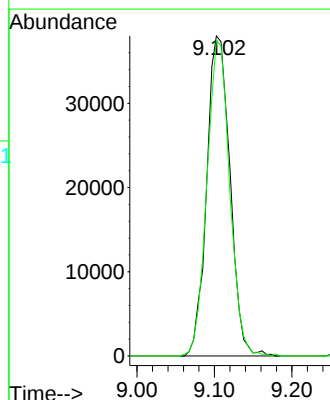
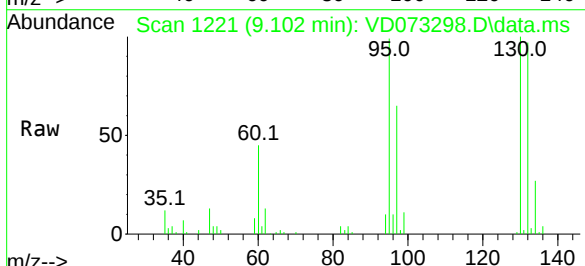
Acq: 23 May 2022 23:32

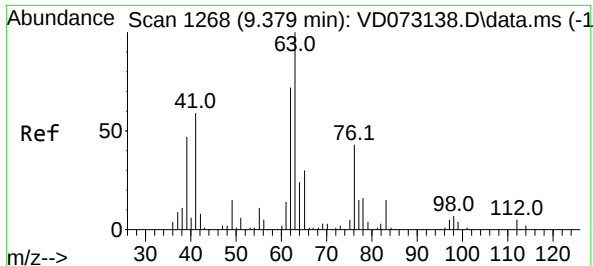
Tgt Ion: 130 Resp: 79336

Ion Ratio Lower Upper

130 100

95 98.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 21.193 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

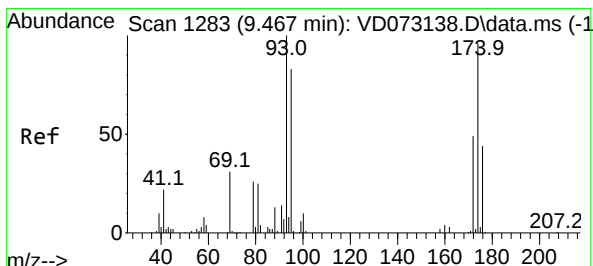
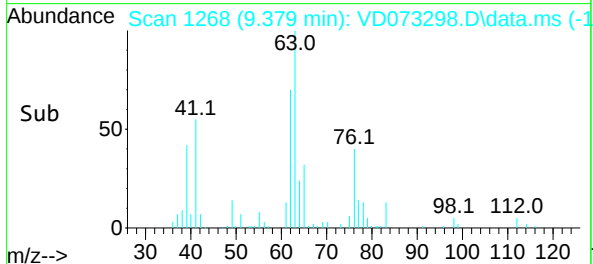
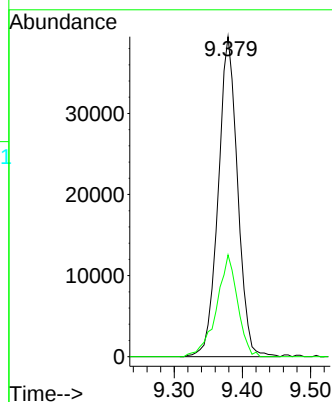
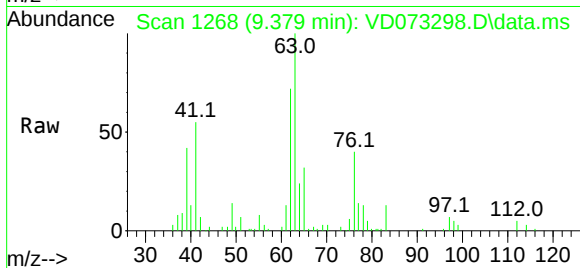
VD0523SBS02

Tgt Ion: 63 Resp: 78002

Ion Ratio Lower Upper

63 100

65 31.8 26.2 39.4



#46

Dibromomethane

Concen: 21.396 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

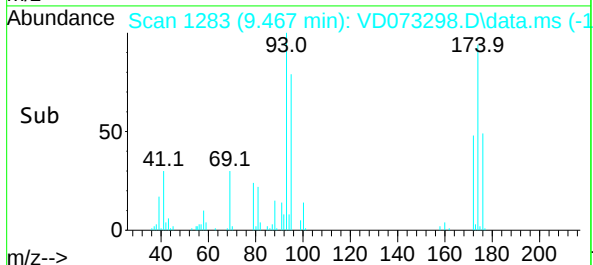
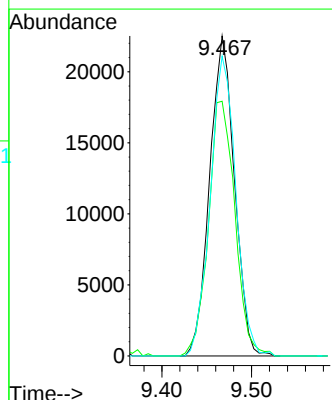
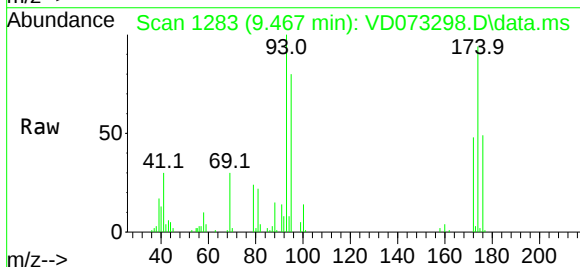
Tgt Ion: 93 Resp: 43249

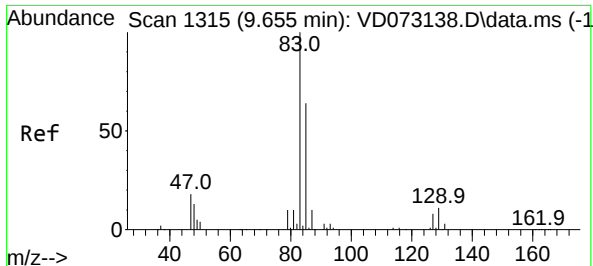
Ion Ratio Lower Upper

93 100

95 85.0 66.7 100.1

174 96.3 71.6 107.4

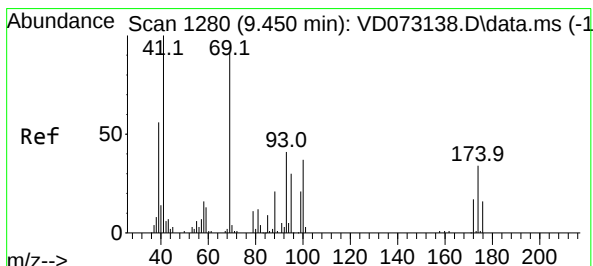
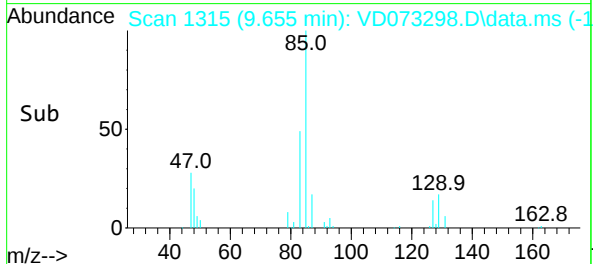
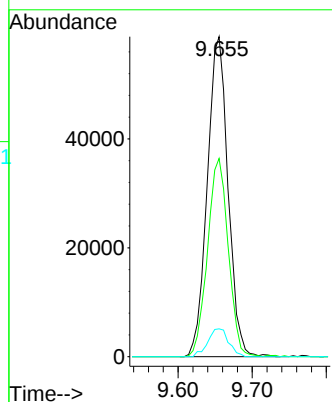
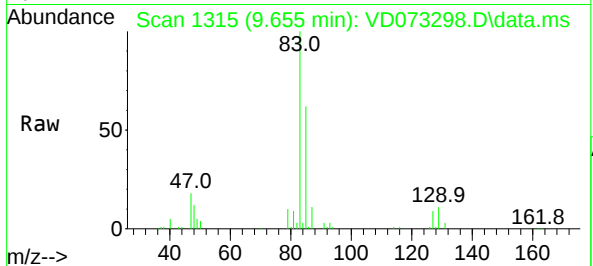




#47
Bromodichloromethane
Concen: 22.104 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

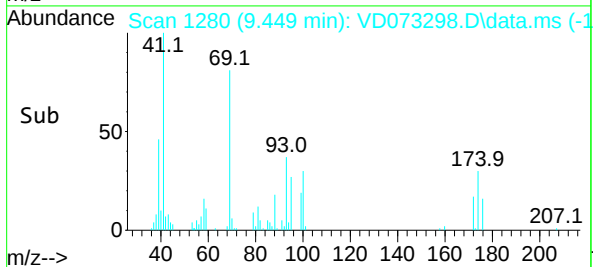
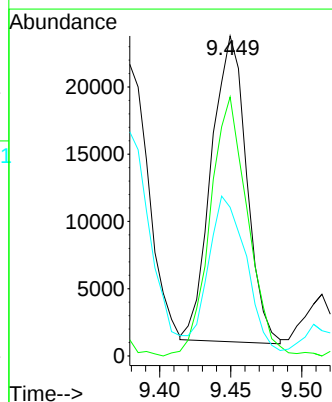
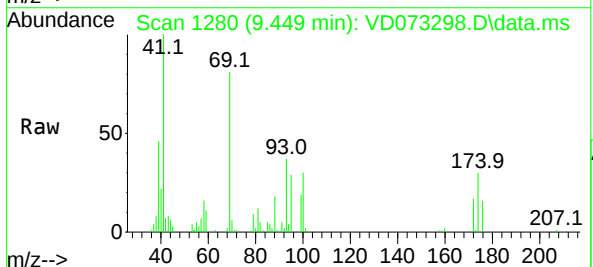
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

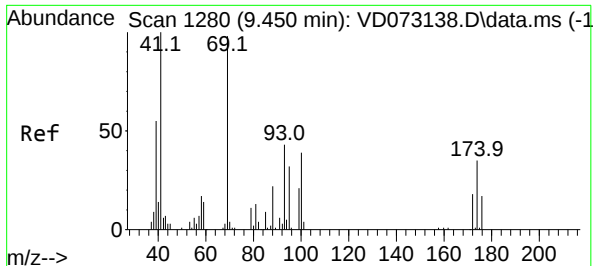
Tgt Ion: 83 Resp: 114323
Ion Ratio Lower Upper
83 100
85 62.0 51.4 77.0
127 8.7 6.1 9.1



#48
Methyl methacrylate
Concen: 21.094 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 41 Resp: 39291
Ion Ratio Lower Upper
41 100
69 90.4 56.7 85.1#
39 58.1 42.7 64.1

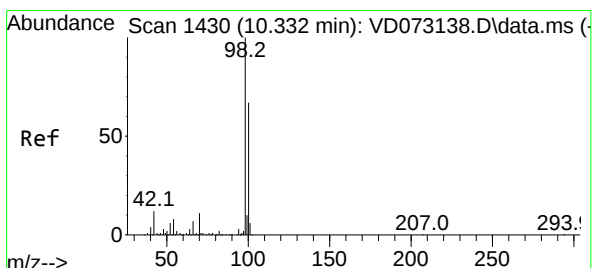
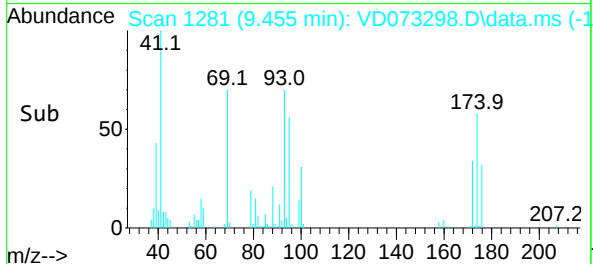
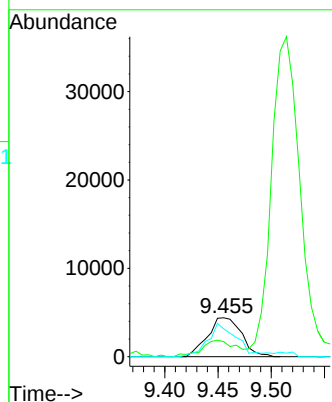
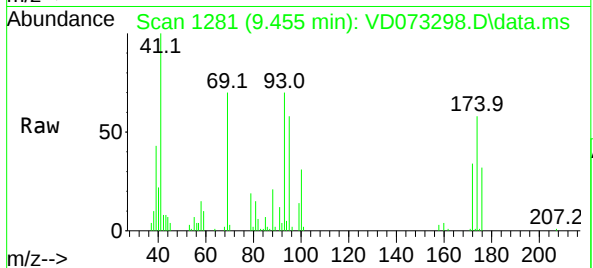




#49
1,4-Dioxane
Concen: 466.249 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

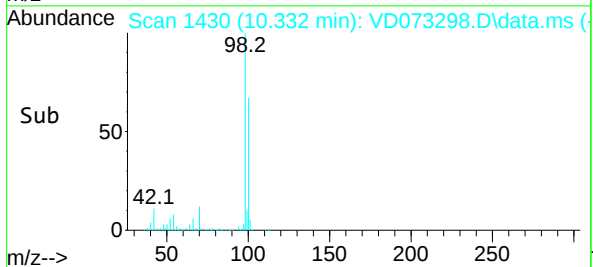
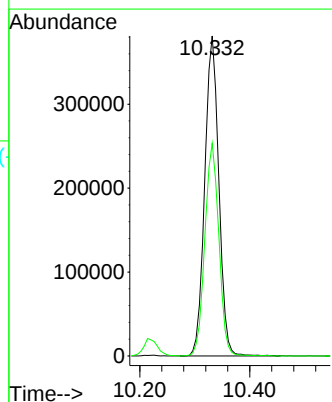
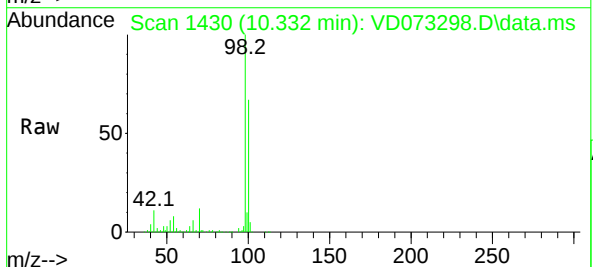
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

Tgt Ion: 88 Resp: 9733
Ion Ratio Lower Upper
88 100
43 41.1 31.0 46.4
58 74.9 58.1 87.1



#50
Toluene-d8
Concen: 54.549 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 98 Resp: 677984
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

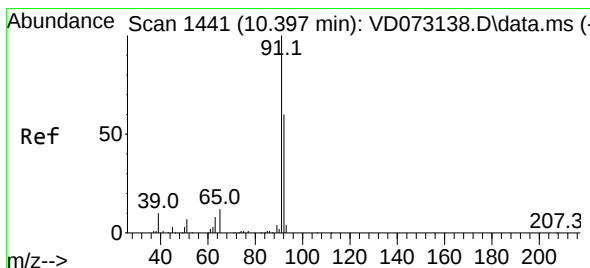
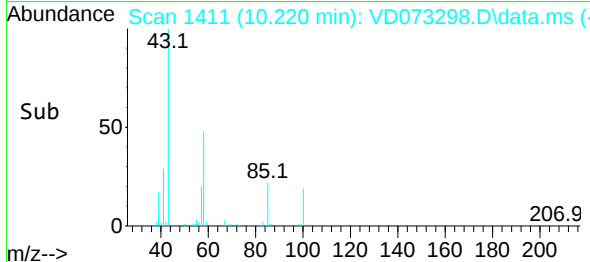
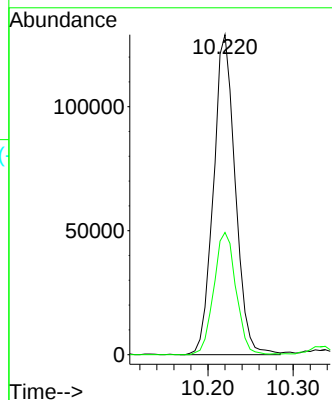
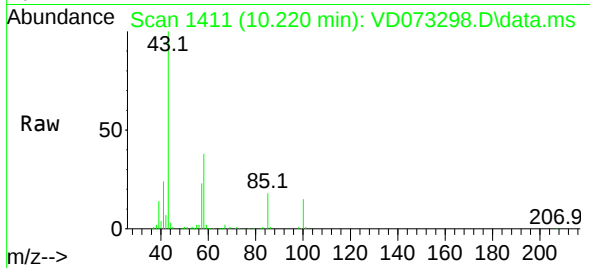




#51
4-Methyl-2-Pentanone
Concen: 119.525 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

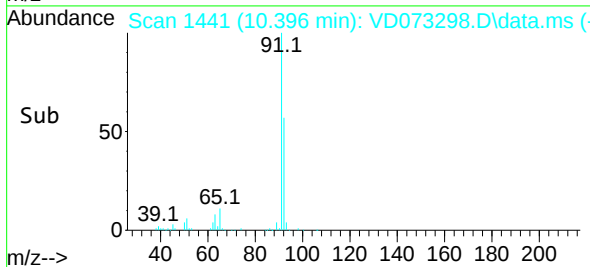
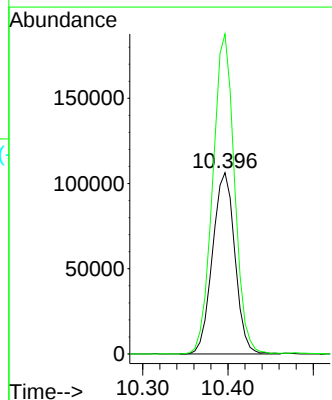
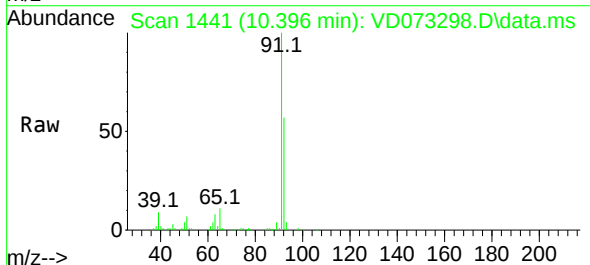
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

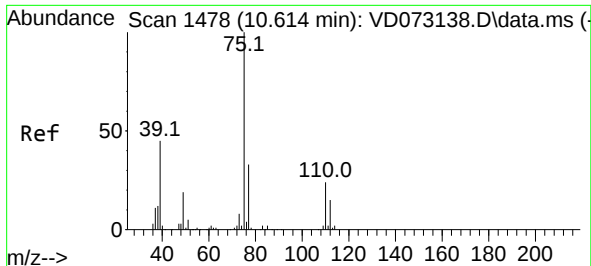
Tgt Ion: 43 Resp: 229833
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 20.976 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 92 Resp: 193720
Ion Ratio Lower Upper
92 100
91 172.0 139.6 209.4

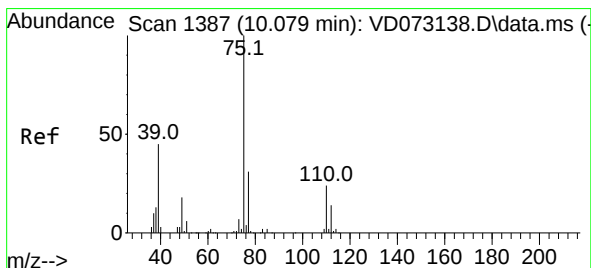
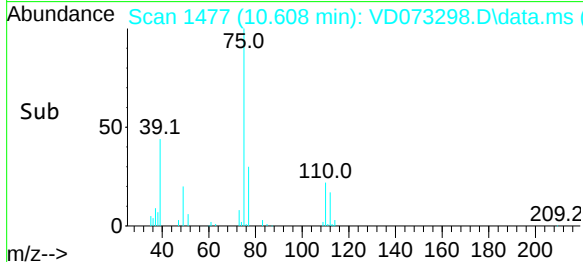
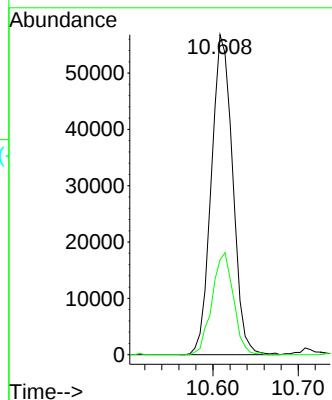
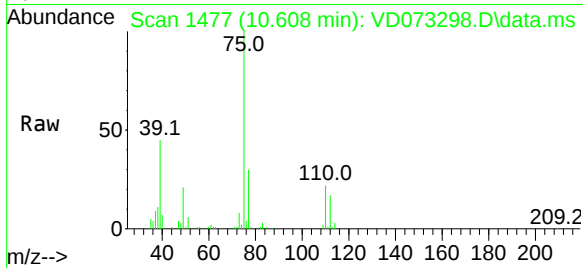




#53
t-1,3-Dichloropropene
Concen: 21.121 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

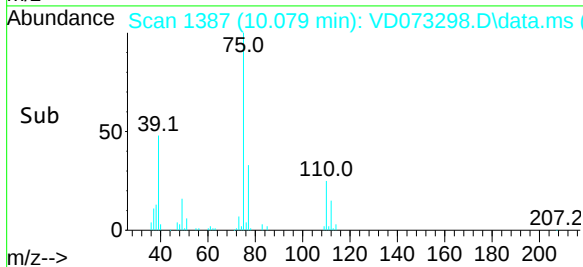
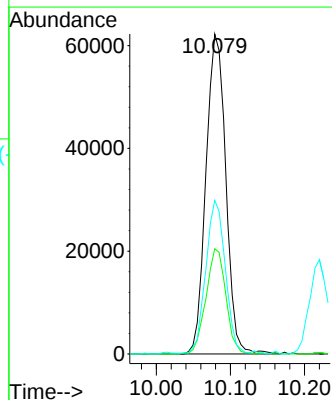
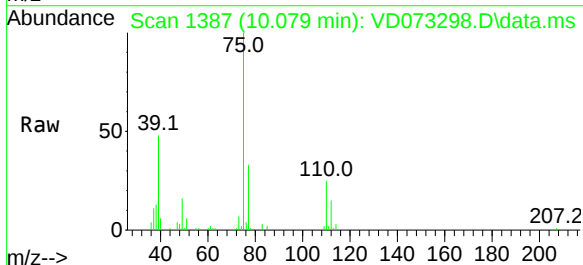
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

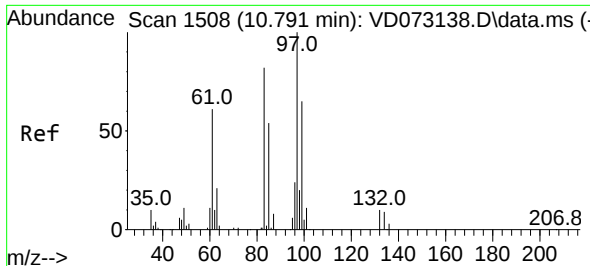
Tgt Ion: 75 Resp: 98690
Ion Ratio Lower Upper
75 100
77 29.7 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 20.705 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 75 Resp: 115773
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 48.0 46.8 70.2

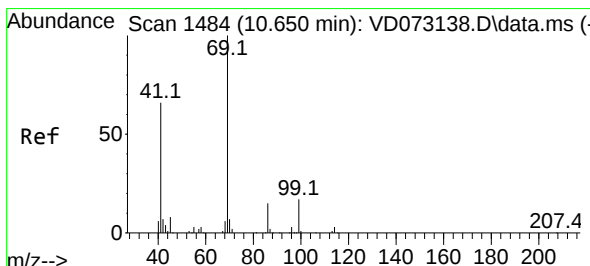
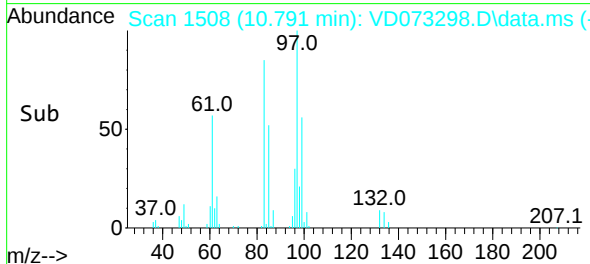
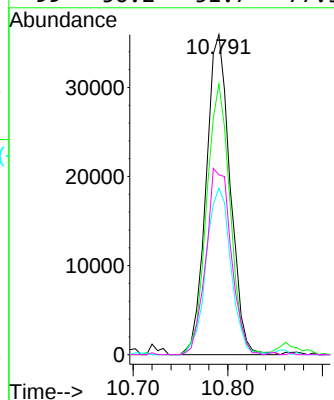
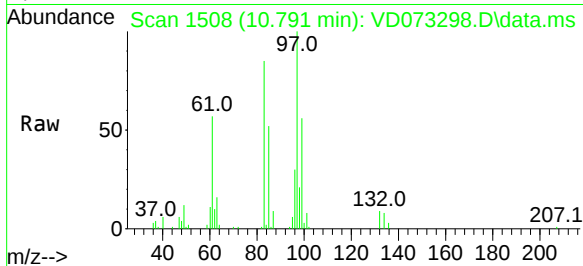




#55
1,1,2-Trichloroethane
Concen: 23.136 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

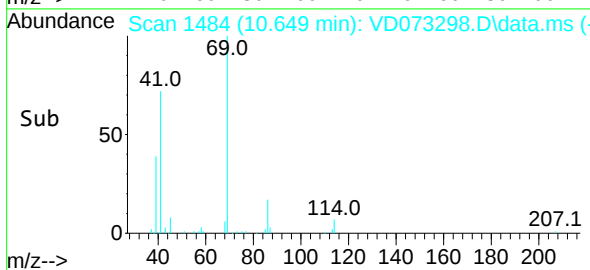
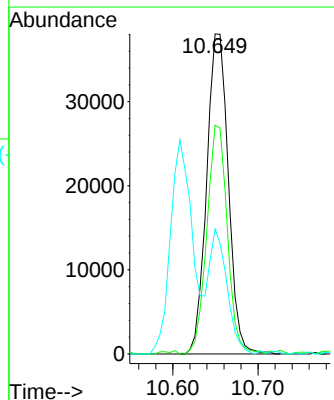
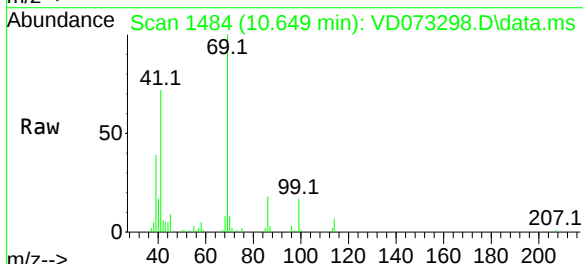
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

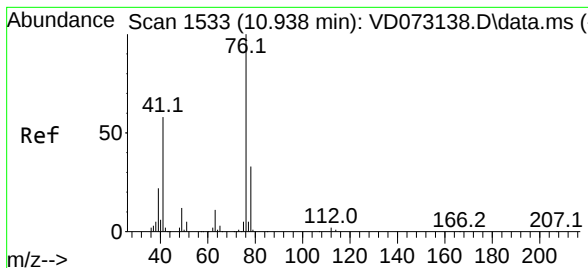
Tgt Ion:	97	Resp:	63243
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.0	103.4
85	52.0	42.6	63.8
99	56.2	51.7	77.5



#56
Ethyl methacrylate
Concen: 22.112 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:	69	Resp:	67203
Ion	Ratio	Lower	Upper
69	100		
41	67.8	63.0	94.6
39	31.1	33.8	50.8#





#57

1,3-Dichloropropane

Concen: 22.613 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

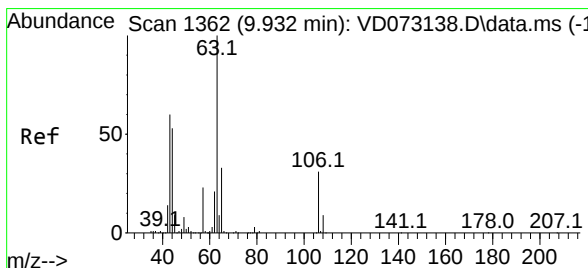
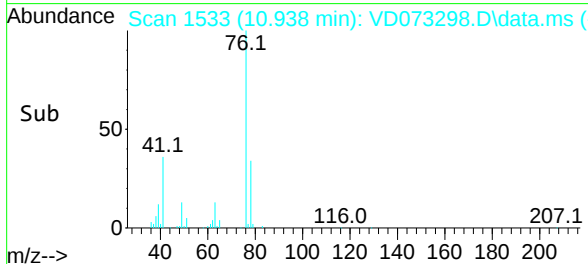
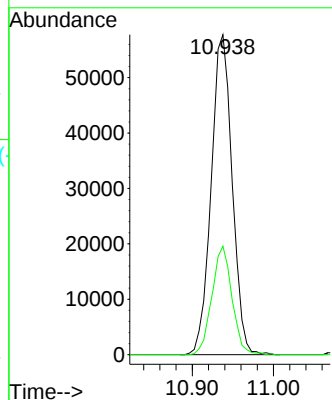
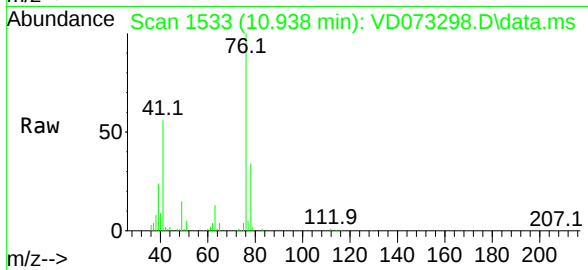
VD0523SBS02

Tgt Ion: 76 Resp: 103714

Ion Ratio Lower Upper

76 100

78 32.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 113.674 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073298.D

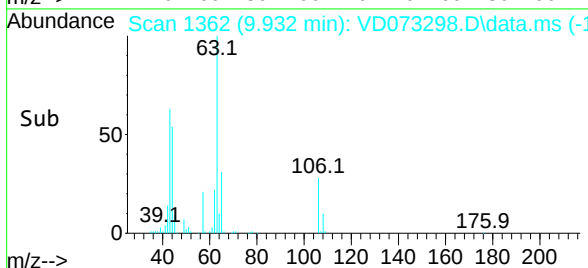
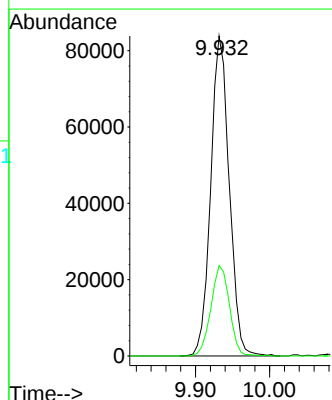
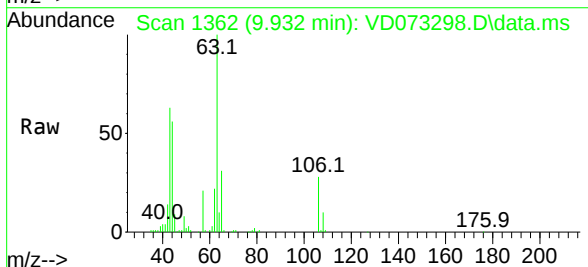
Acq: 23 May 2022 23:32

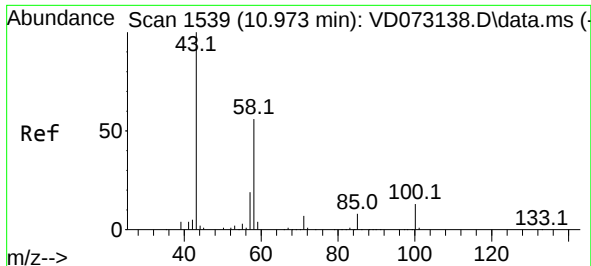
Tgt Ion: 63 Resp: 145502

Ion Ratio Lower Upper

63 100

106 28.2 21.4 32.0

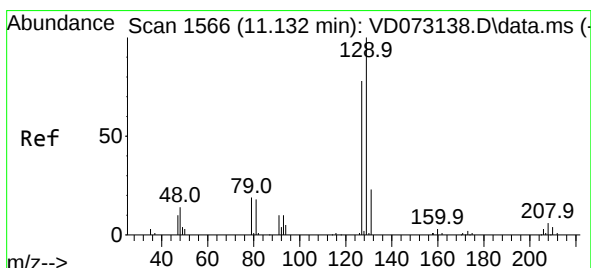
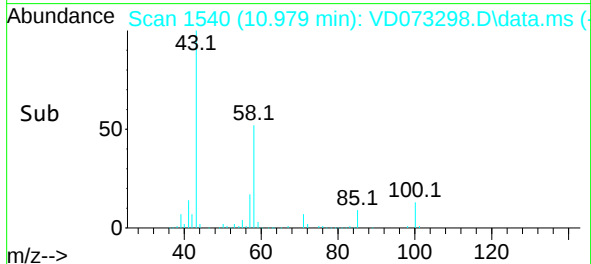
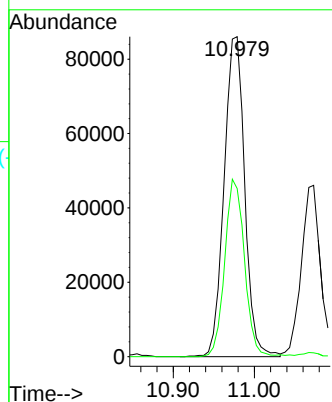
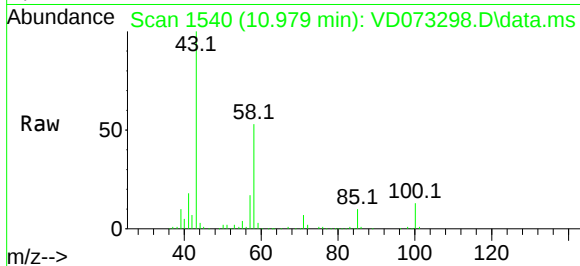




#59
2-Hexanone
Concen: 119.860 ug/l
RT: 10.979 min Scan# 1539
Delta R.T. 0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

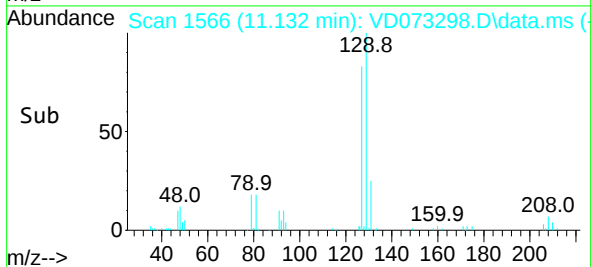
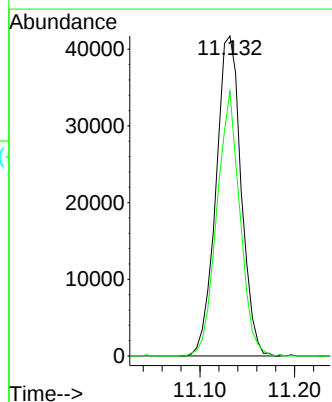
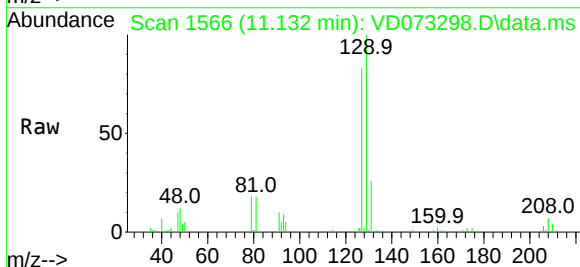
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

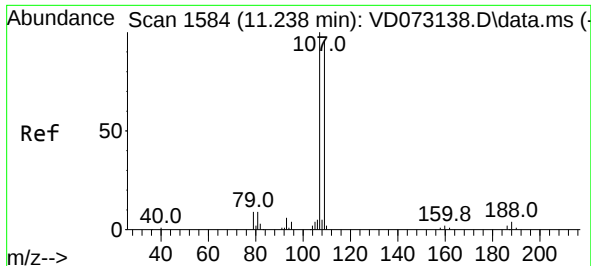
Tgt Ion: 43 Resp: 151951
Ion Ratio Lower Upper
43 100
58 53.0 25.3 75.9



#60
Dibromochloromethane
Concen: 22.661 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 129 Resp: 77240
Ion Ratio Lower Upper
129 100
127 75.8 39.2 117.6

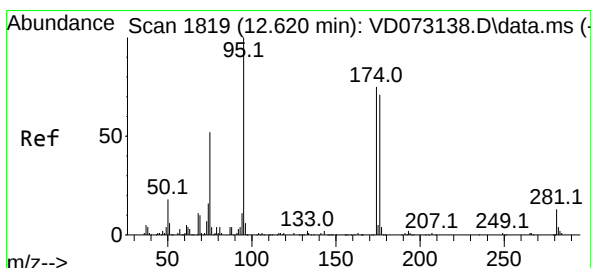
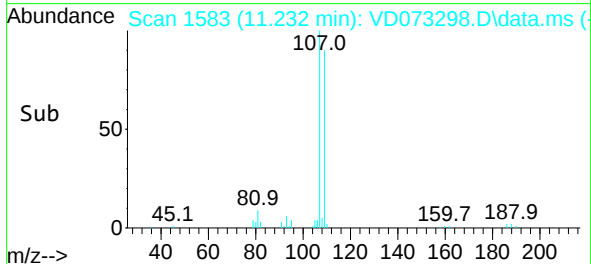
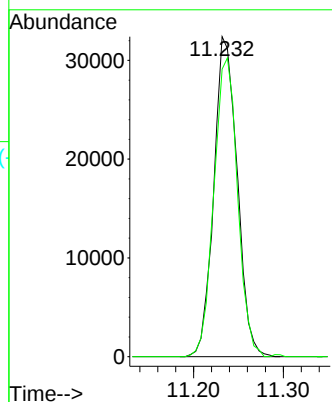
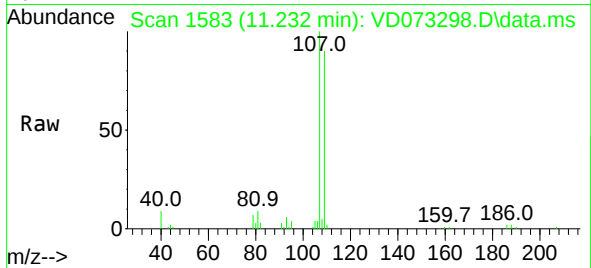




#61
1,2-Dibromoethane
Concen: 22.436 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

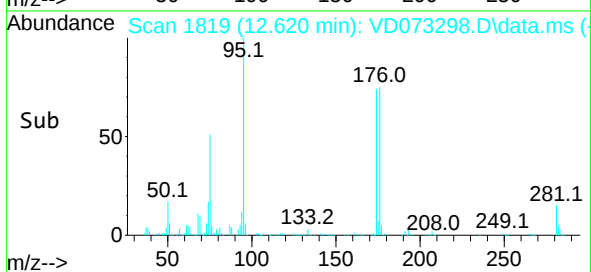
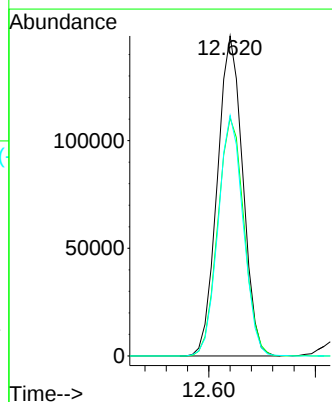
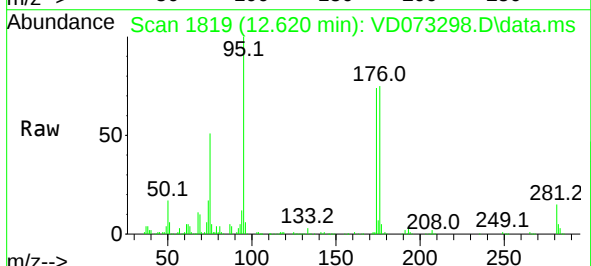
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

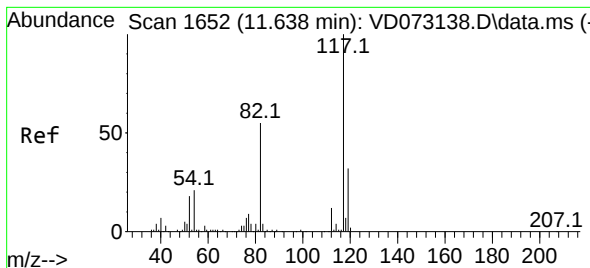
Tgt Ion:107 Resp: 58603
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.469 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 95 Resp: 246305
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 74.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

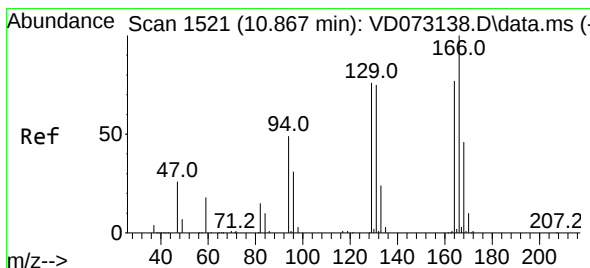
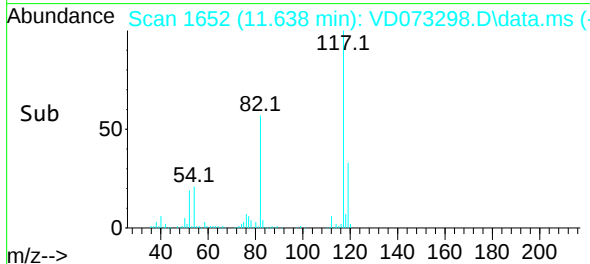
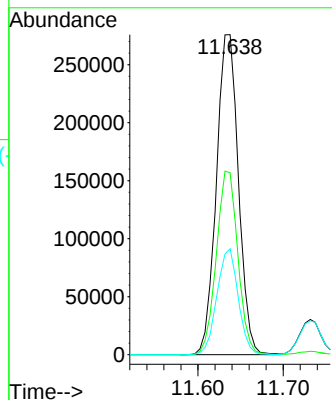
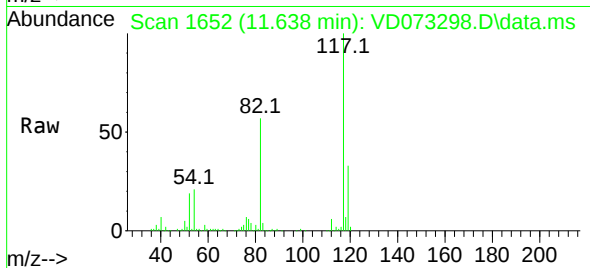
Tgt Ion:117 Resp: 496379

Ion Ratio Lower Upper

117 100

82 56.9 45.3 67.9

119 33.1 26.6 40.0



#64

Tetrachloroethene

Concen: 19.944 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Tgt Ion:164 Resp: 64842

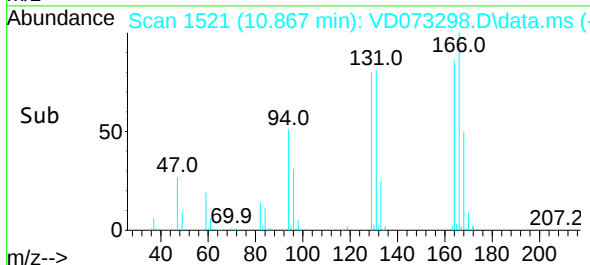
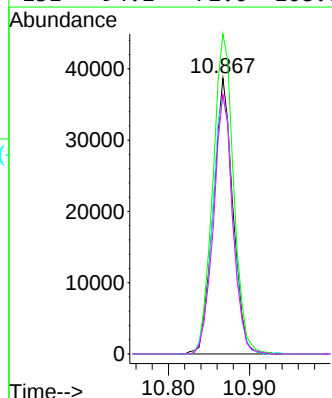
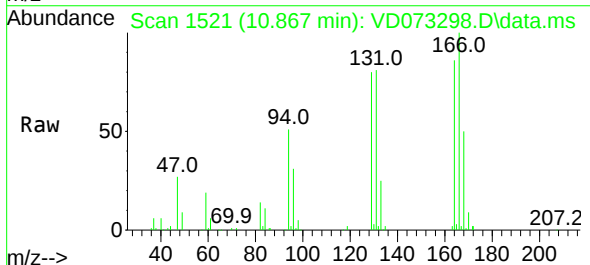
Ion Ratio Lower Upper

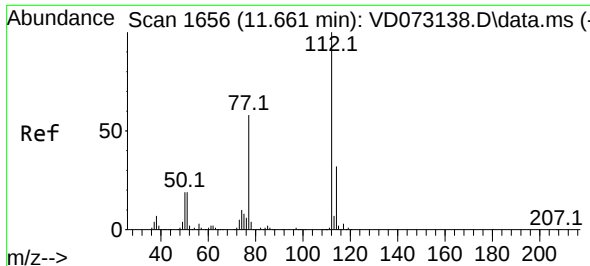
164 100

166 116.1 98.5 147.7

129 93.2 74.6 111.8

131 94.1 72.0 108.0

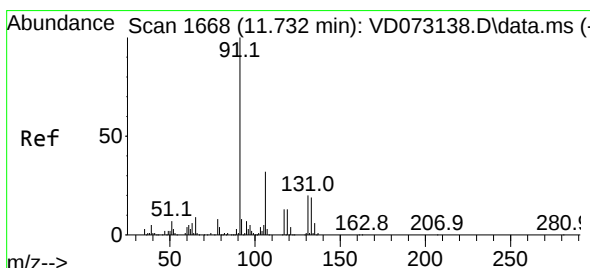
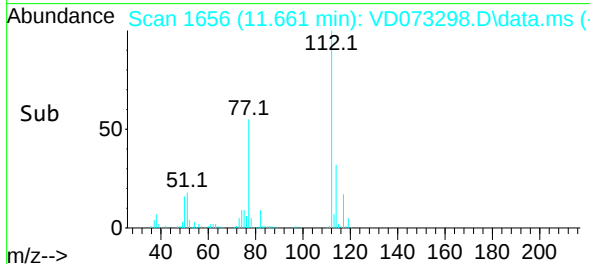
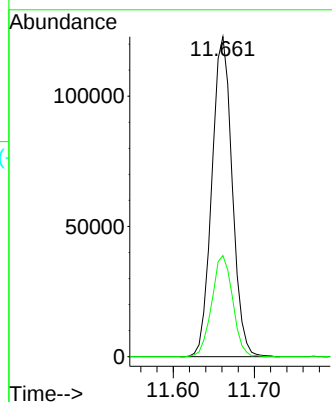
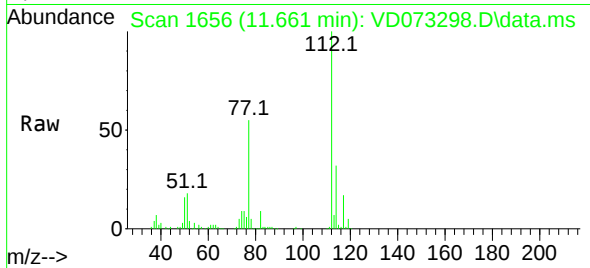




#65
Chlorobenzene
Concen: 20.984 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

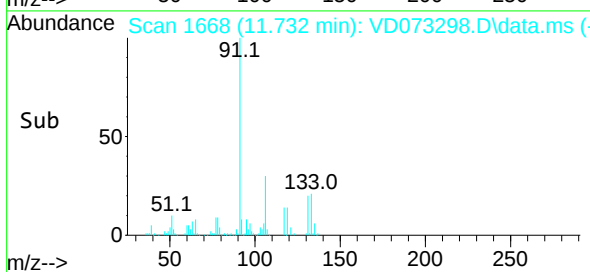
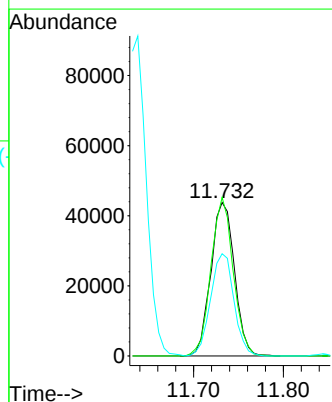
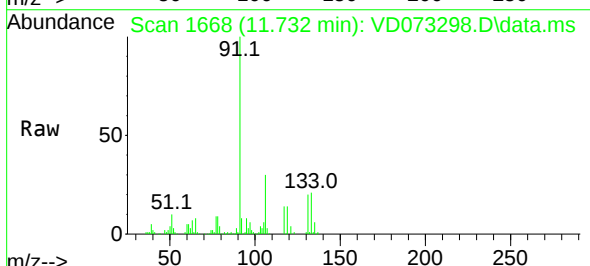
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

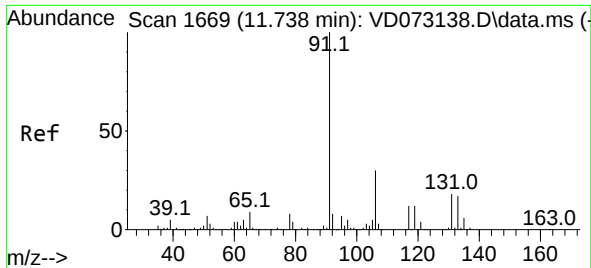
Tgt Ion:112 Resp: 213685
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.178 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:131 Resp: 79982
Ion Ratio Lower Upper
131 100
133 97.4 48.1 144.3
119 66.0 31.9 95.9

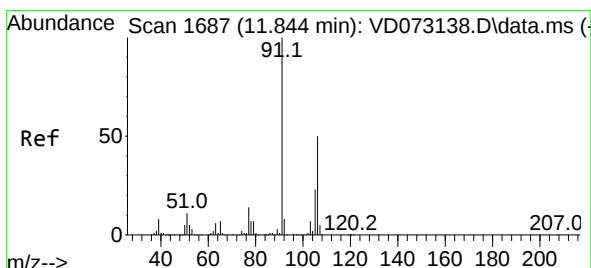
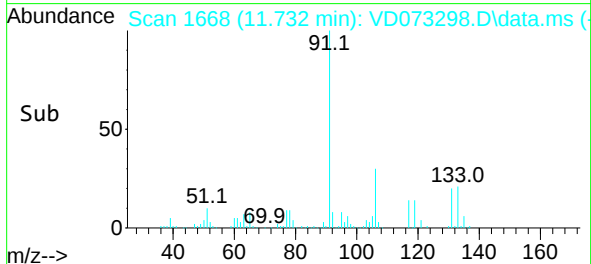
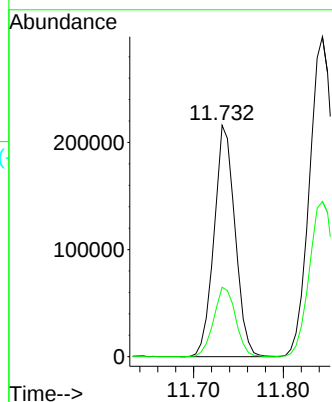
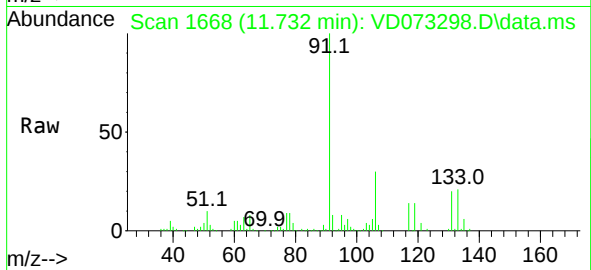




#67
Ethyl Benzene
Concen: 19.623 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

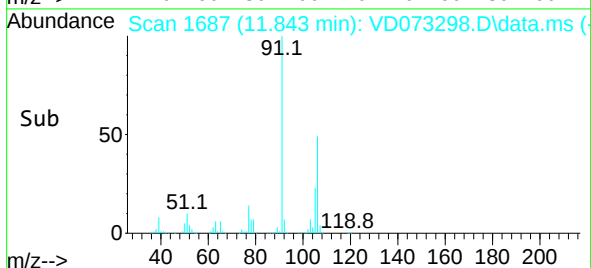
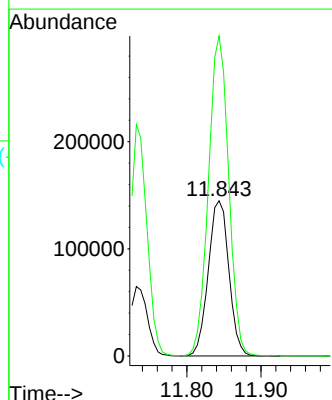
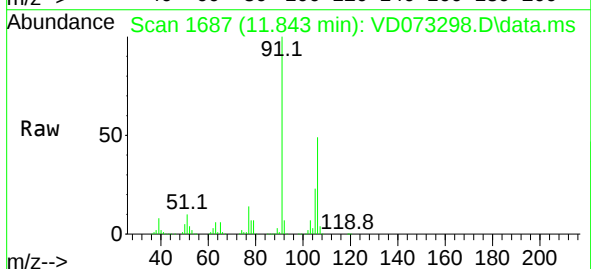
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

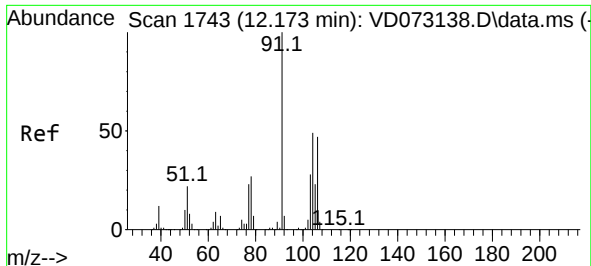
Tgt Ion: 91 Resp: 350781
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4



#68
m/p-Xylenes
Concen: 40.339 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:106 Resp: 280156
Ion Ratio Lower Upper
106 100
91 202.2 163.7 245.5

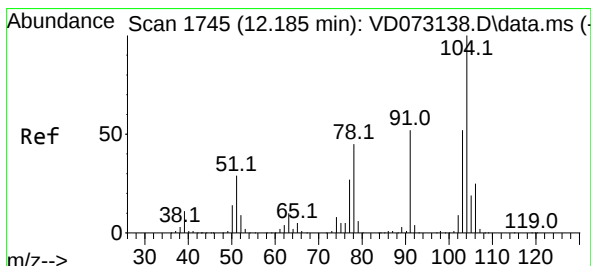
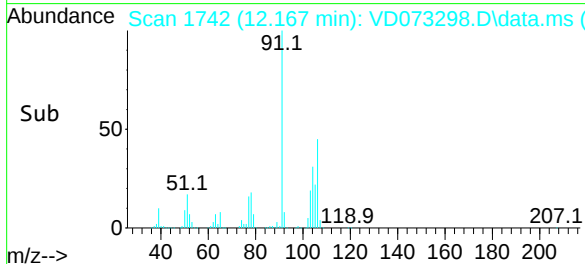
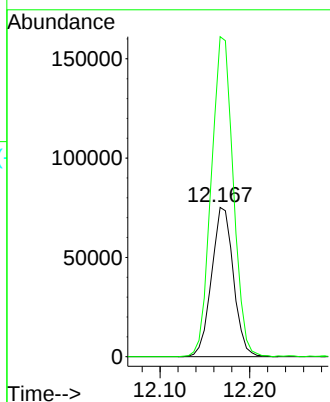
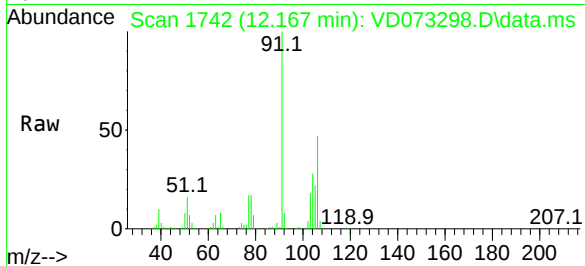




#69
o-Xylene
Concen: 19.911 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

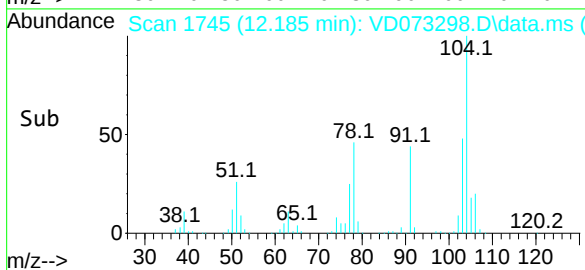
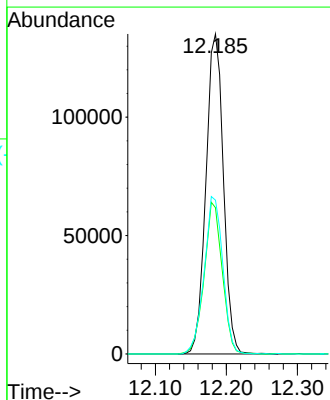
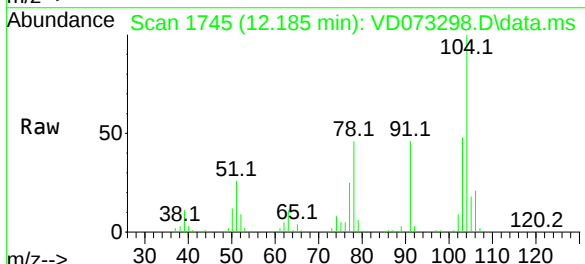
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

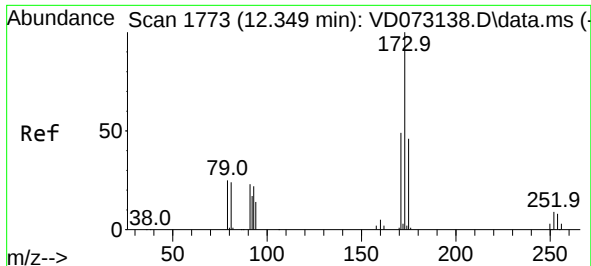
Tgt Ion:106 Resp: 127037
Ion Ratio Lower Upper
106 100
91 215.6 110.4 331.2



#70
Styrene
Concen: 21.034 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:104 Resp: 230889
Ion Ratio Lower Upper
104 100
78 49.3 41.8 62.8
103 52.7 44.2 66.4

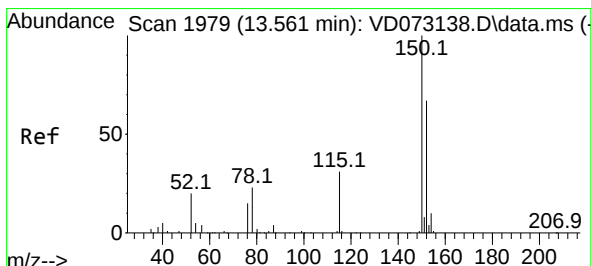
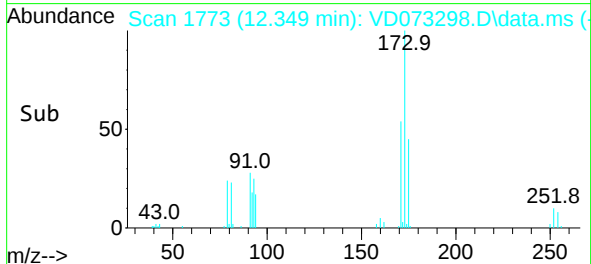
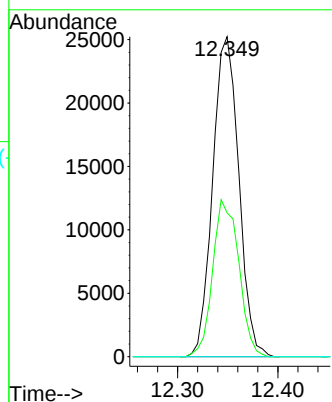
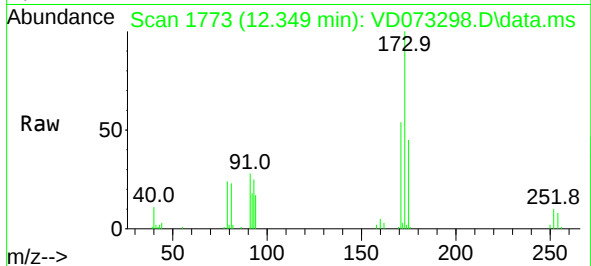




#71
Bromoform
Concen: 23.472 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

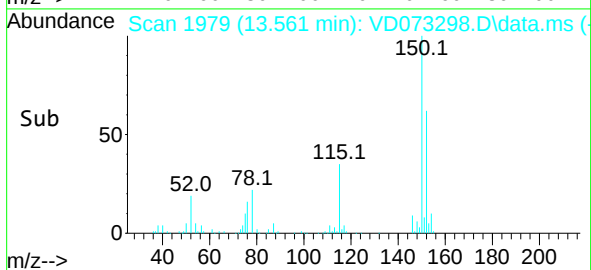
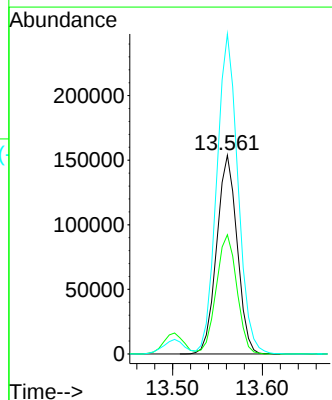
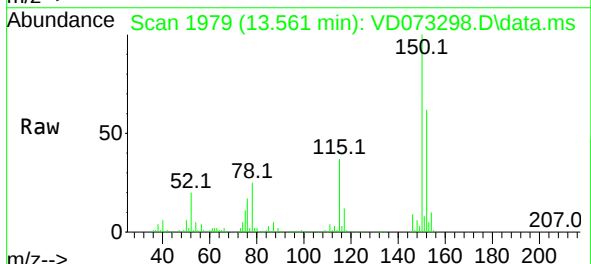
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

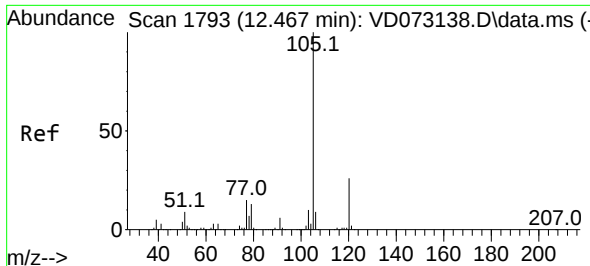
Tgt Ion:173 Resp: 45623
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:152 Resp: 242839
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.8
150 167.5 0.0 348.6

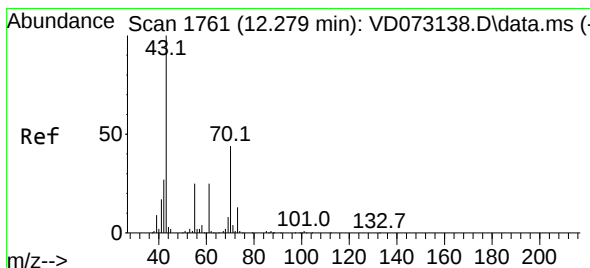
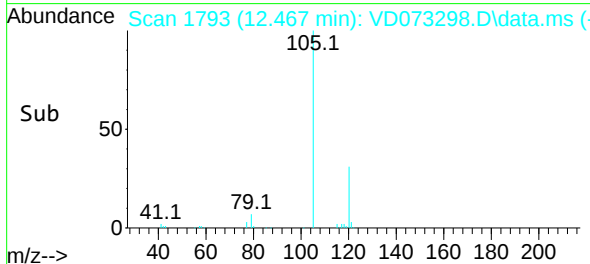
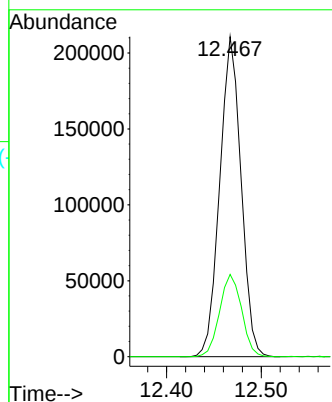
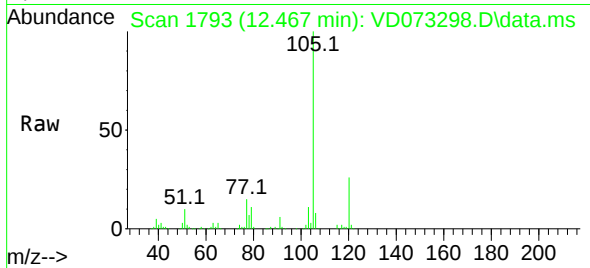




#73
Isopropylbenzene
Concen: 19.031 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

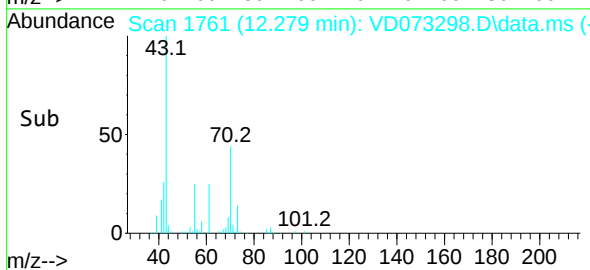
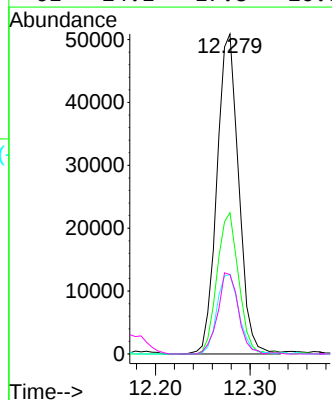
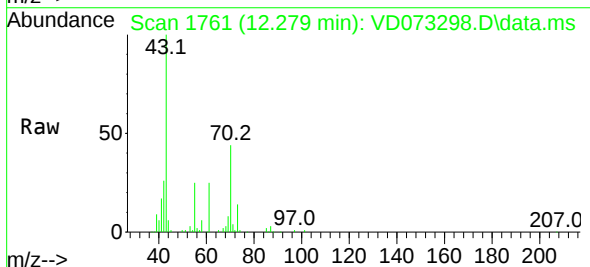
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

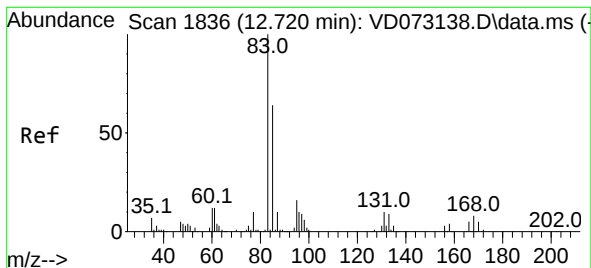
Tgt Ion:105 Resp: 329457
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9



#74
N-ethyl acetate
Concen: 21.576 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 43 Resp: 81483
Ion Ratio Lower Upper
43 100
70 43.4 31.3 46.9
55 25.2 20.0 30.0
61 24.1 17.8 26.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.753 ug/l

RT: 12.714 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

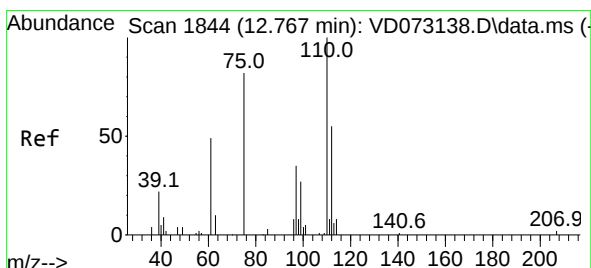
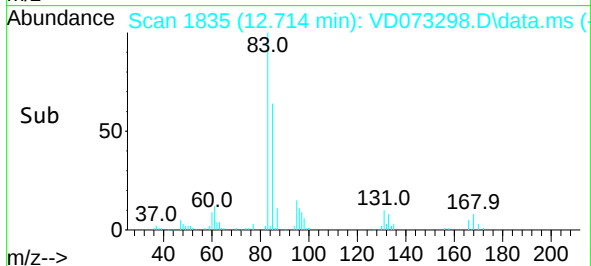
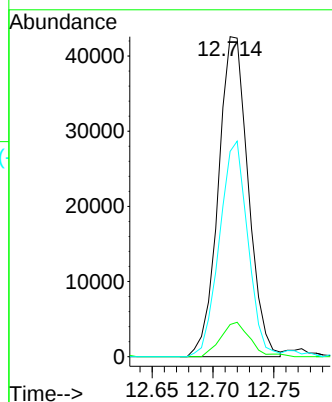
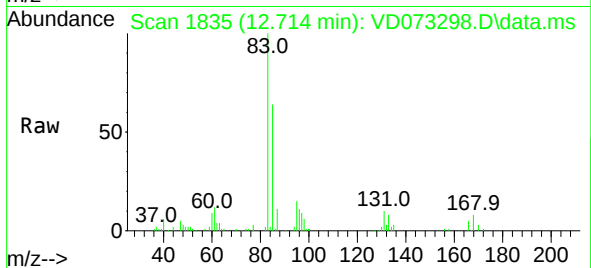
Tgt Ion: 83 Resp: 72648

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 64.2 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.256 ug/l

RT: 12.767 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VD073298.D

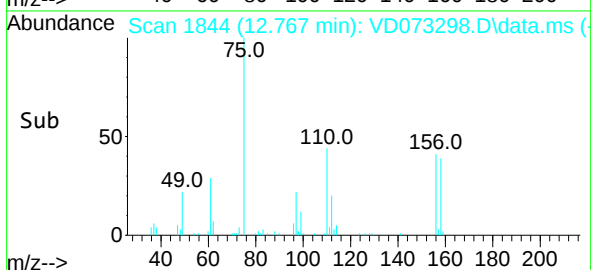
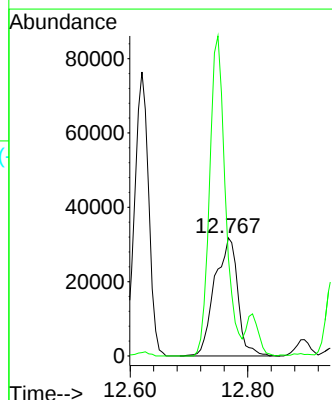
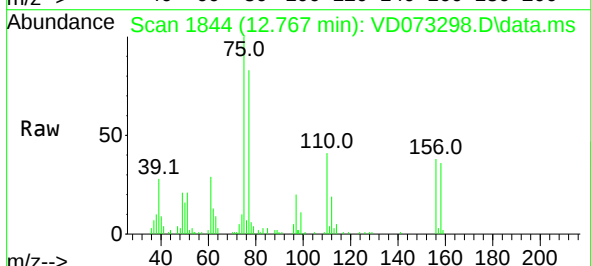
Acq: 23 May 2022 23:32

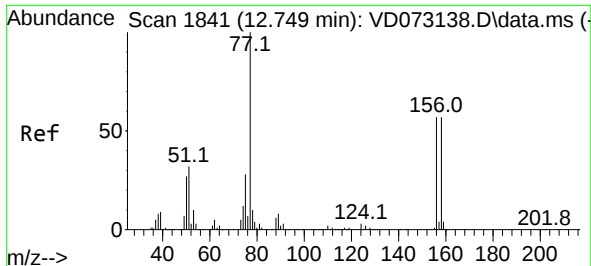
Tgt Ion: 75 Resp: 86387

Ion Ratio Lower Upper

75 100

77 186.7 0.0 0.0#

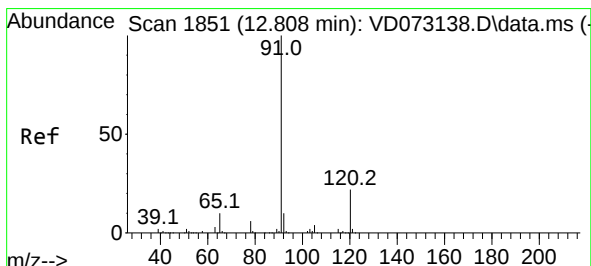
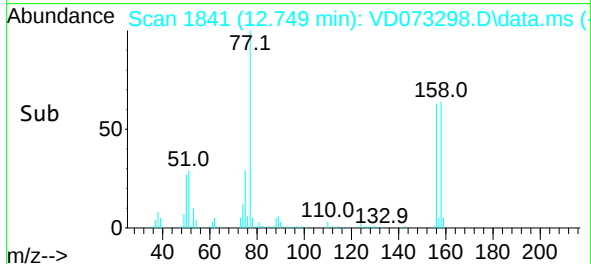
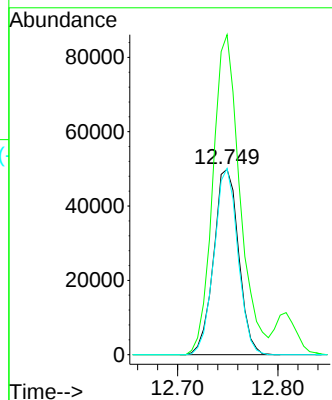
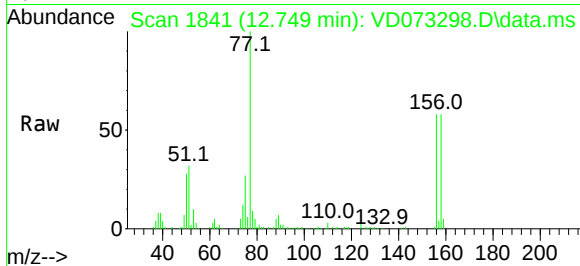




#77
Bromobenzene
Concen: 21.105 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

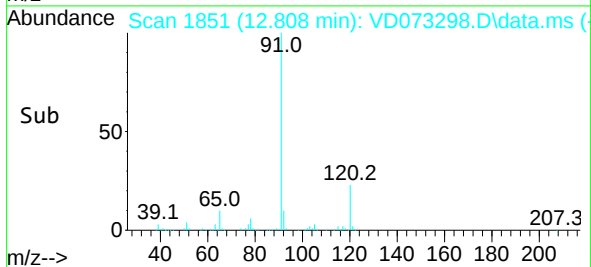
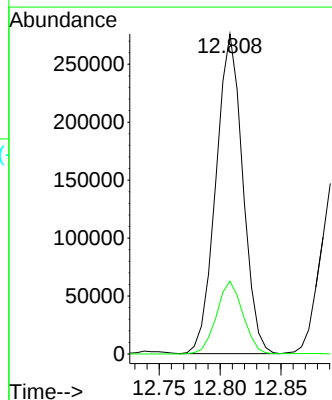
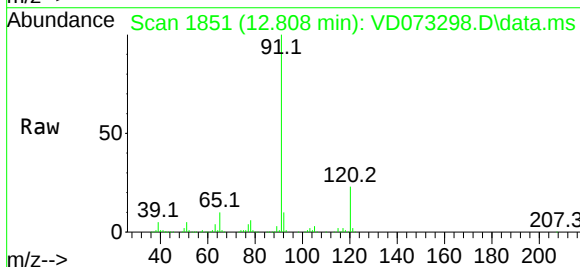
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

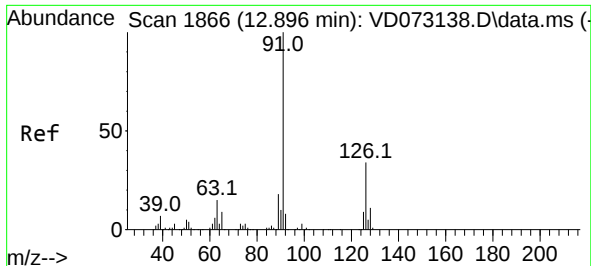
Tgt Ion:156 Resp: 86008
Ion Ratio Lower Upper
156 100
77 187.5 102.8 308.3
158 96.0 48.7 146.1



#78
n-propylbenzene
Concen: 19.457 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 91 Resp: 422881
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9

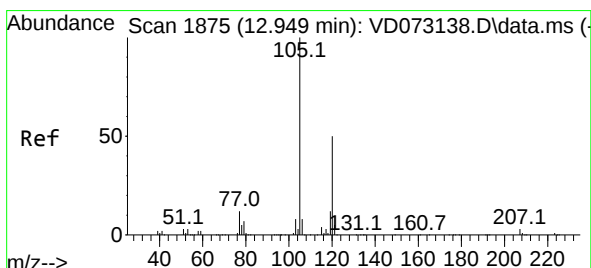
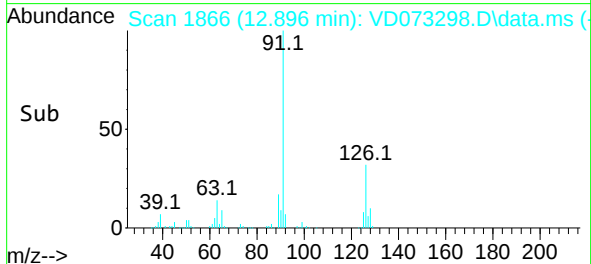
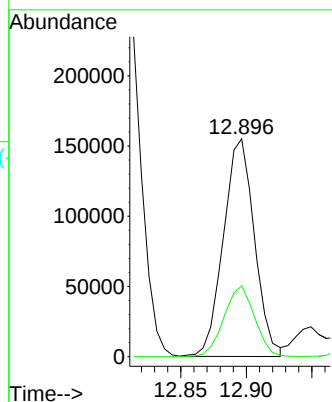
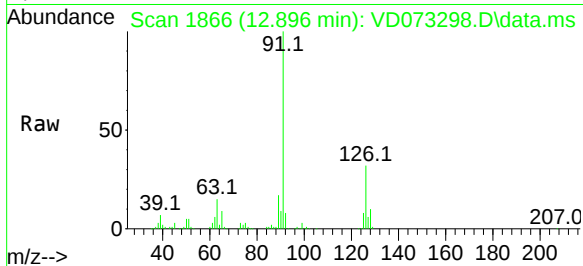




#79
2-Chlorotoluene
Concen: 20.350 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

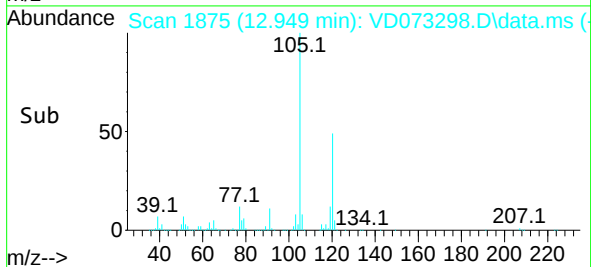
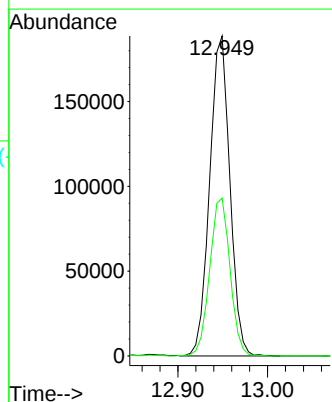
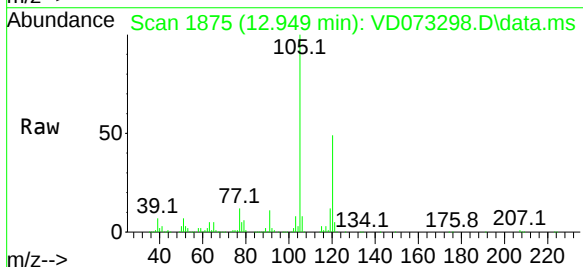
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

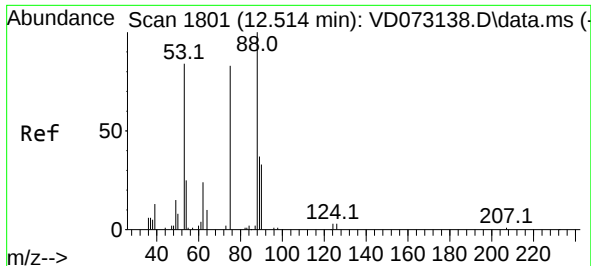
Tgt Ion: 91 Resp: 255361
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.116 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 105 Resp: 294998
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

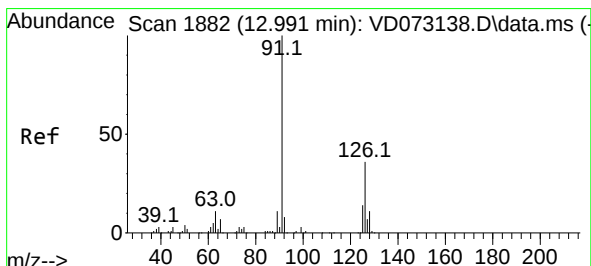
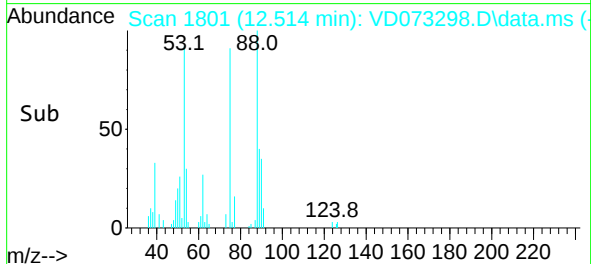
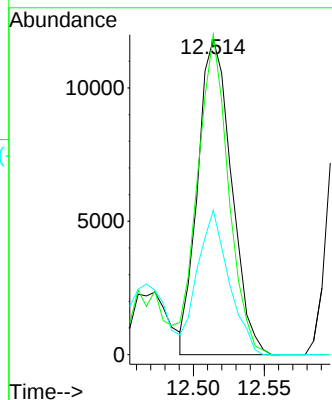
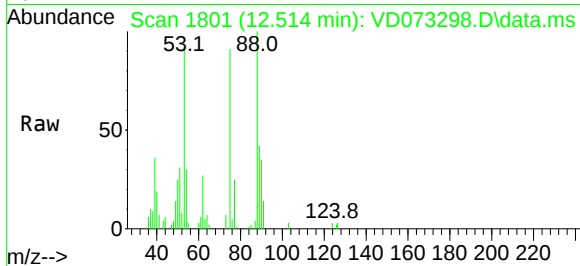




#81
trans-1,4-Dichloro-2-butene
Concen: 19.590 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

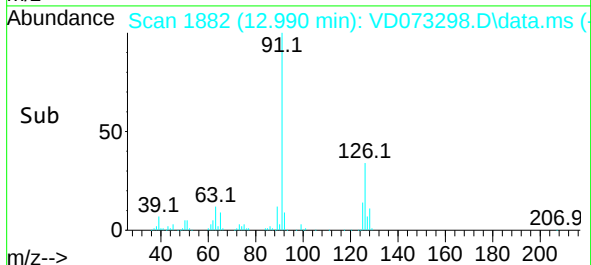
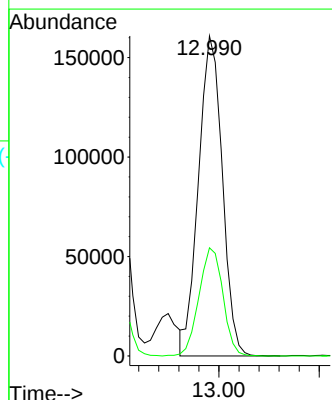
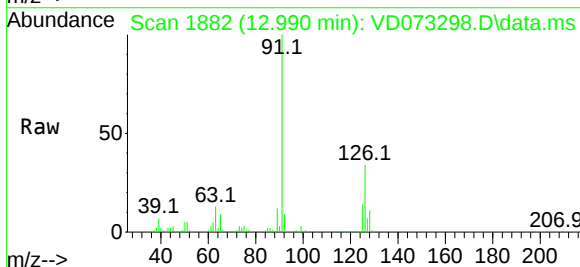
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

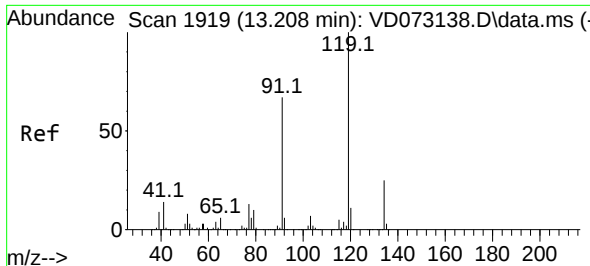
Tgt Ion: 75 Resp: 19443
Ion Ratio Lower Upper
75 100
53 94.0 86.5 129.7
89 42.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.184 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 91 Resp: 265483
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

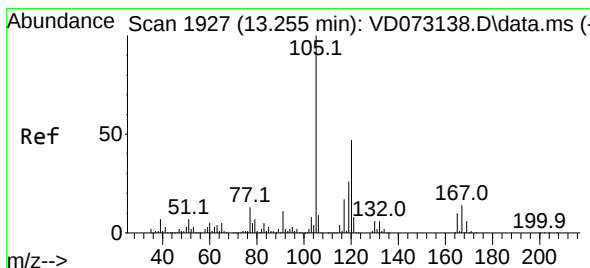
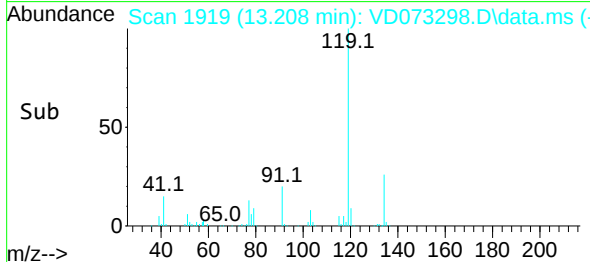
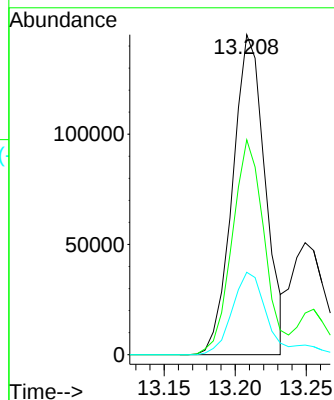
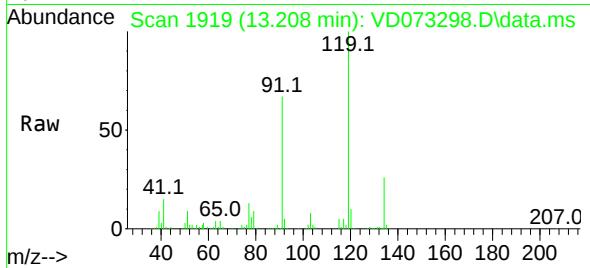




#83
tert-Butylbenzene
Concen: 18.739 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

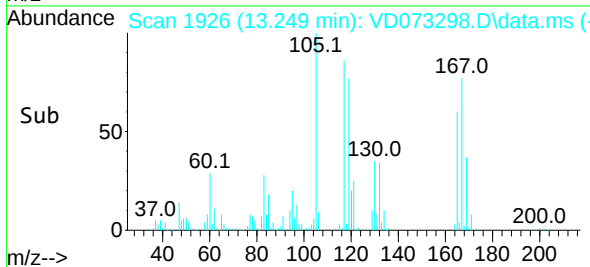
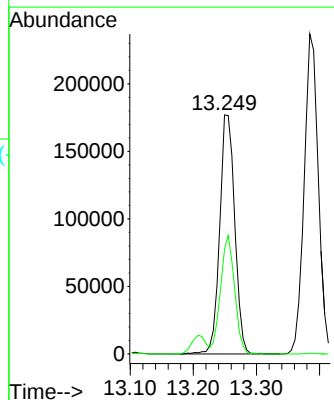
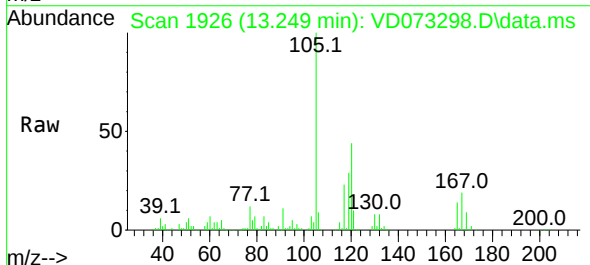
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

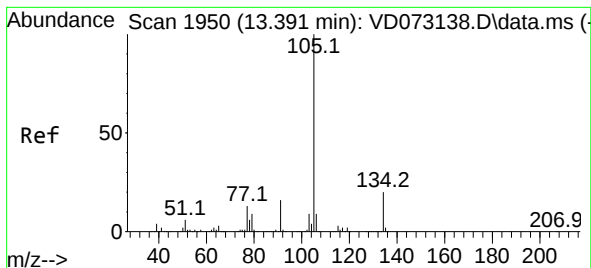
Tgt Ion:119 Resp: 231602
Ion Ratio Lower Upper
119 100
91 66.3 34.8 104.5
134 28.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 20.257 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:105 Resp: 293468
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.472 ug/l

RT: 13.385 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

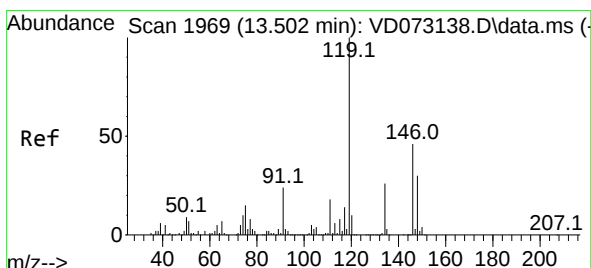
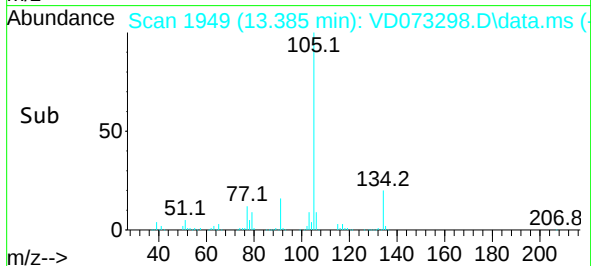
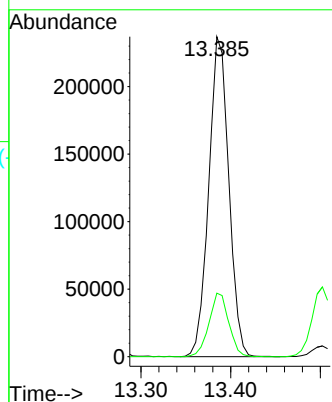
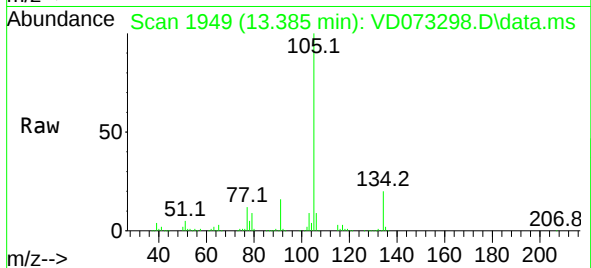
VD0523SBS02

Tgt Ion:105 Resp: 367467

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.458 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

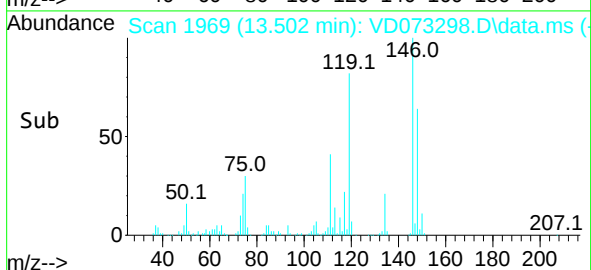
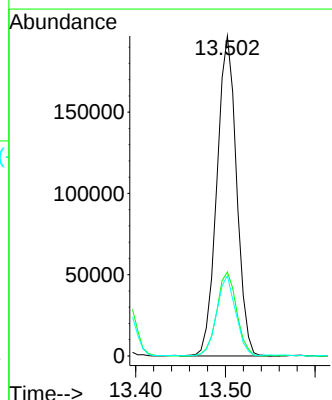
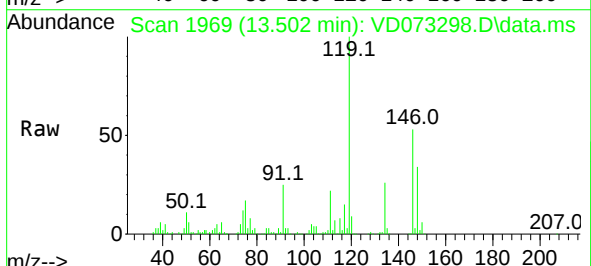
Tgt Ion:119 Resp: 299333

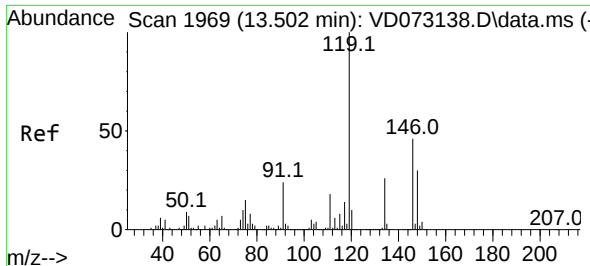
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 24.0 12.1 36.3

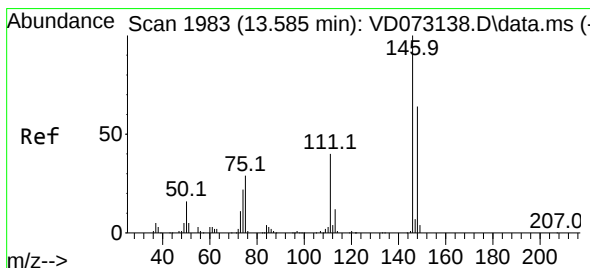
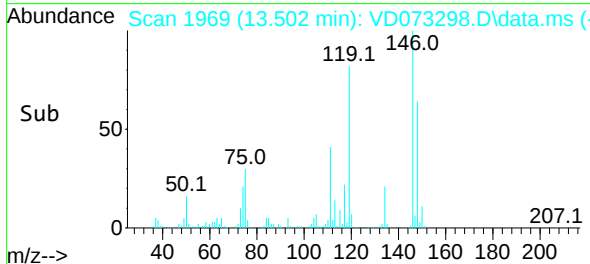
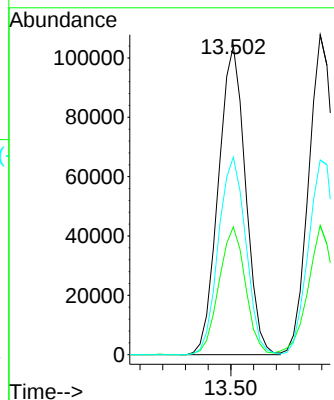
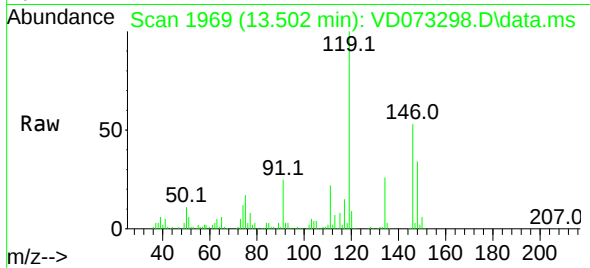




#87
1,3-Dichlorobenzene
Concen: 21.012 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

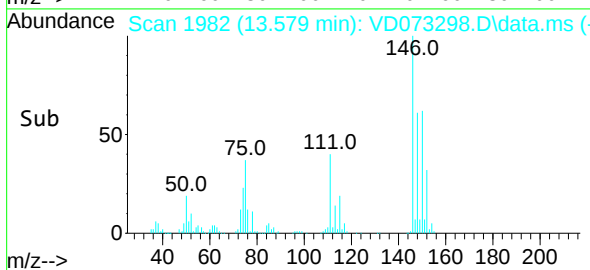
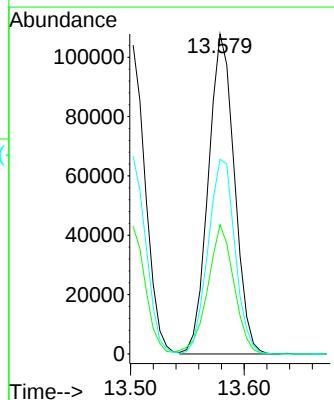
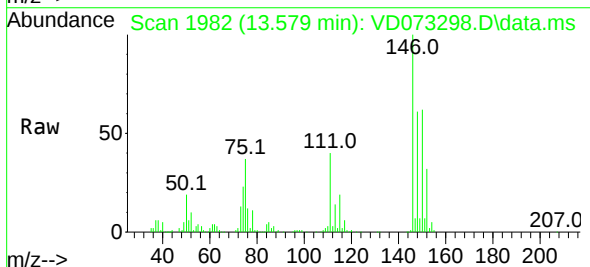
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

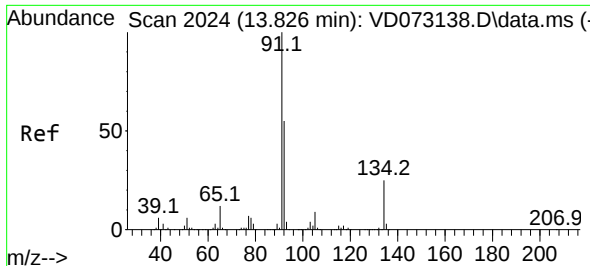
Tgt Ion:146 Resp: 172595
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 64.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.754 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion:146 Resp: 172088
Ion Ratio Lower Upper
146 100
111 40.5 20.3 60.9
148 62.9 31.7 95.1

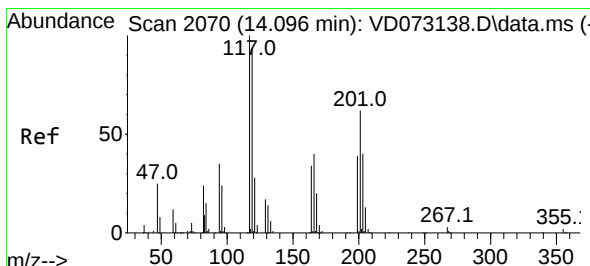
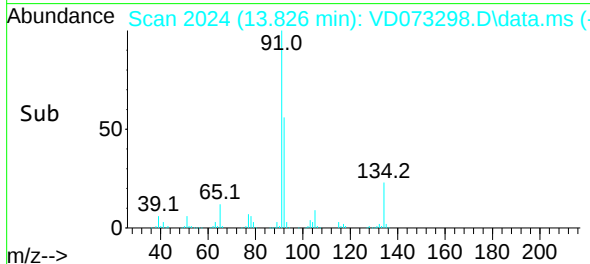
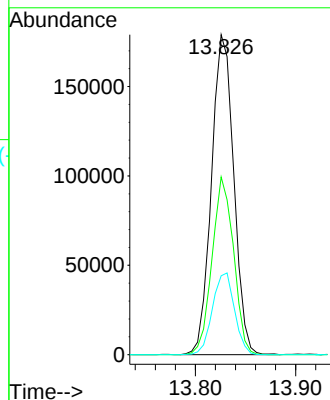
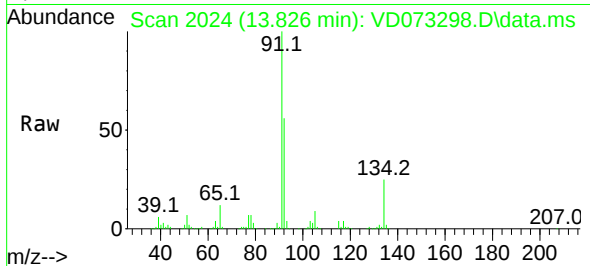




#89
n-Butylbenzene
Concen: 18.882 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

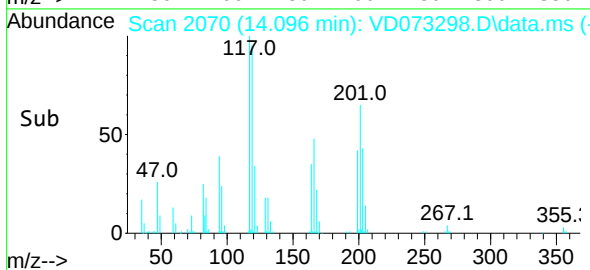
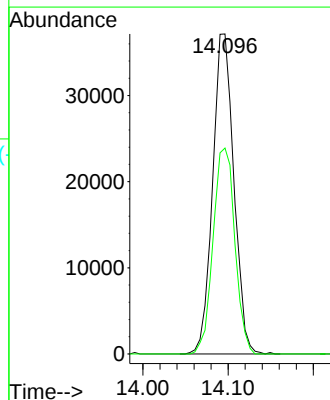
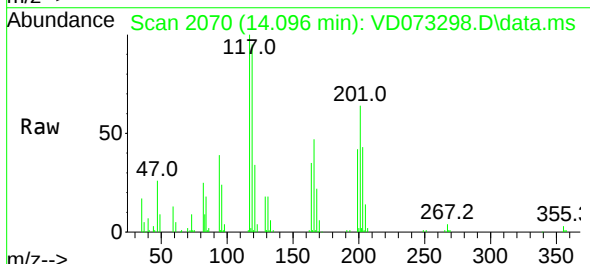
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

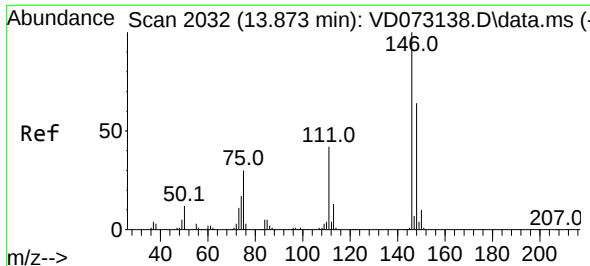
Tgt Ion: 91 Resp: 276761
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 25.3 12.3 36.9



#90
Hexachloroethane
Concen: 20.236 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 117 Resp: 64413
Ion Ratio Lower Upper
117 100
201 66.0 33.4 100.2

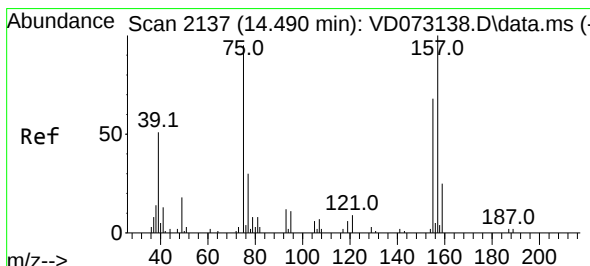
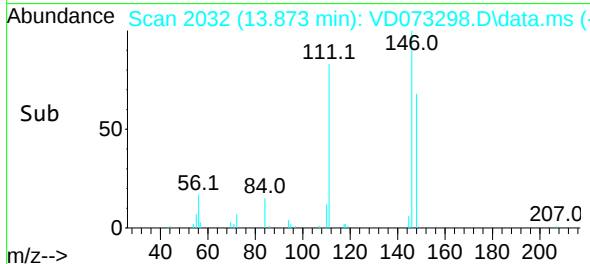
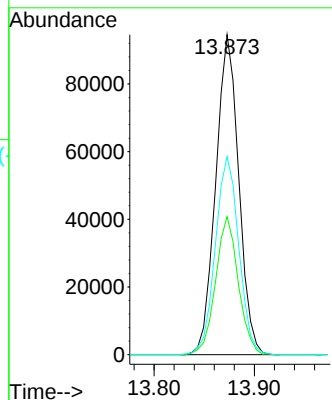
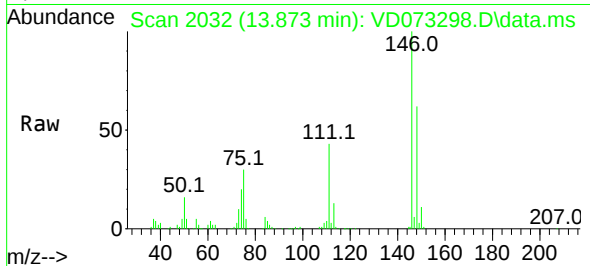




#91
1,2-Dichlorobenzene
Concen: 21.201 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

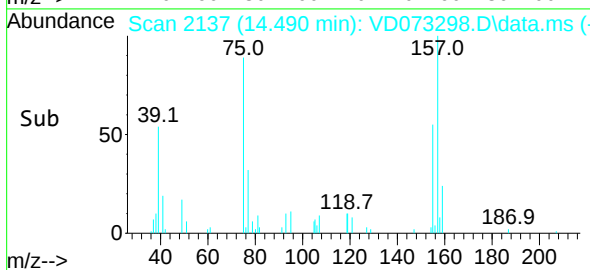
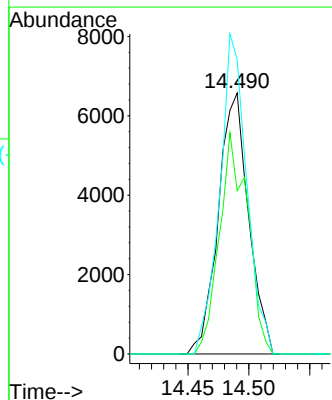
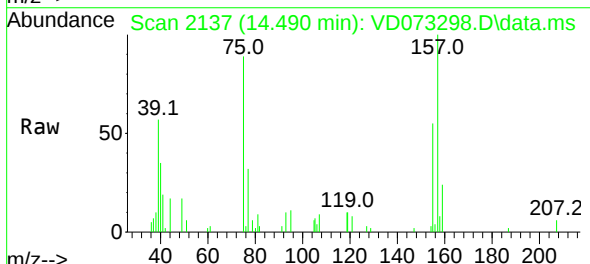
Instrument :
MSVOA_D
ClientSampleId :
VD0523SBS02

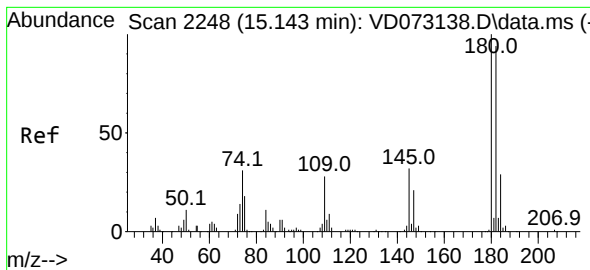
Tgt Ion:146 Resp: 150679
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 63.1 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.303 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073298.D
Acq: 23 May 2022 23:32

Tgt Ion: 75 Resp: 11394
Ion Ratio Lower Upper
75 100
155 79.0 36.8 110.3
157 109.8 48.4 145.0

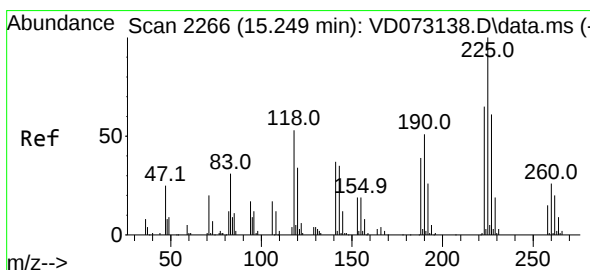
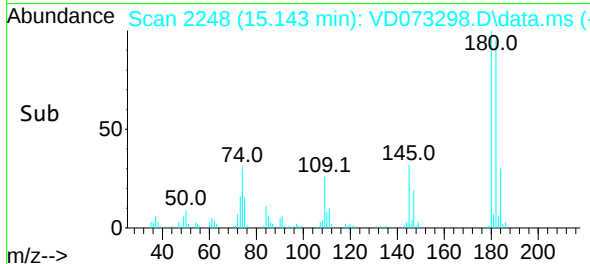
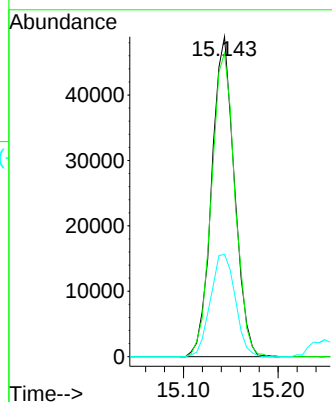
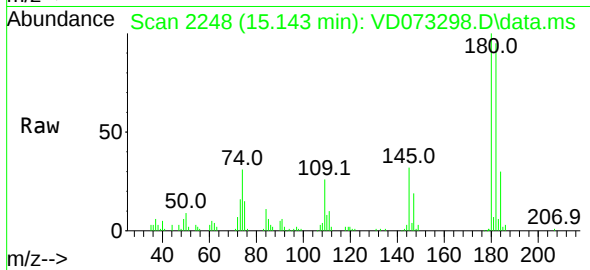




#93
 1,2,4-Trichlorobenzene
 Concen: 20.115 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

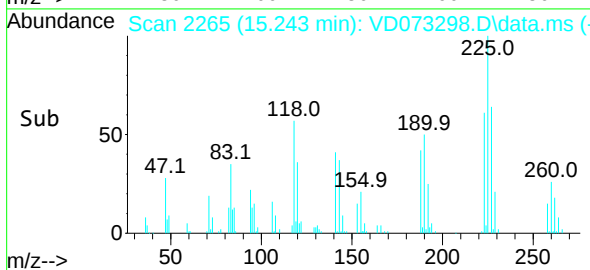
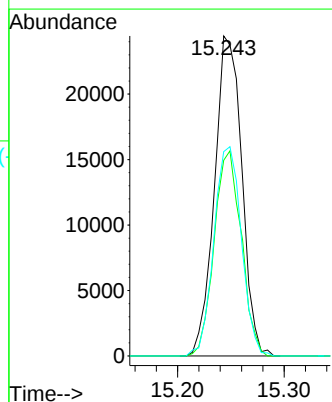
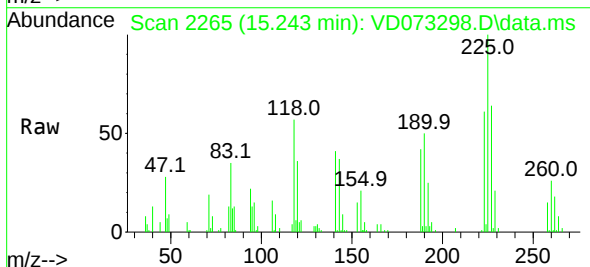
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0523SBS02

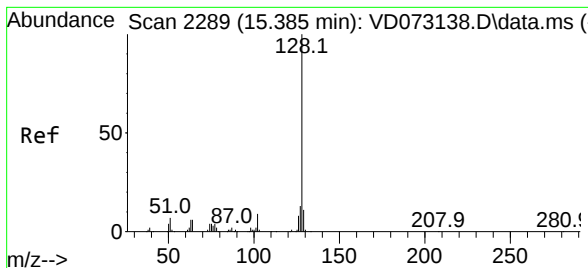
Tgt Ion:180 Resp: 81164
 Ion Ratio Lower Upper
 180 100
 182 98.0 47.3 142.0
 145 35.0 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 19.128 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: VD073298.D
 Acq: 23 May 2022 23:32

Tgt Ion:225 Resp: 43493
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 65.8 32.4 97.0





#95

Naphthalene

Concen: 20.682 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Instrument :

MSVOA_D

ClientSampleId :

VD0523SBS02

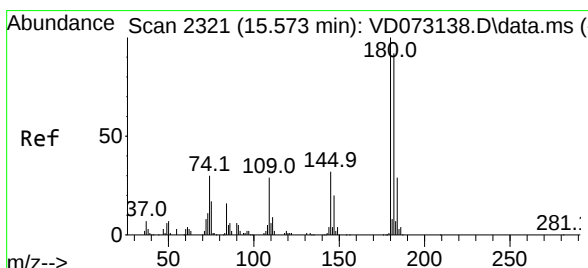
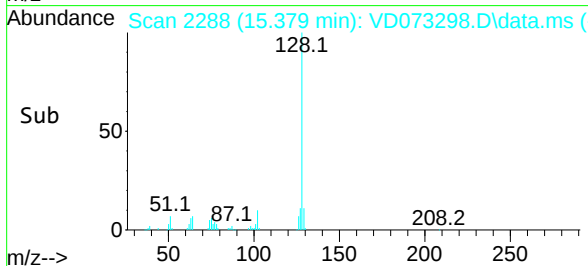
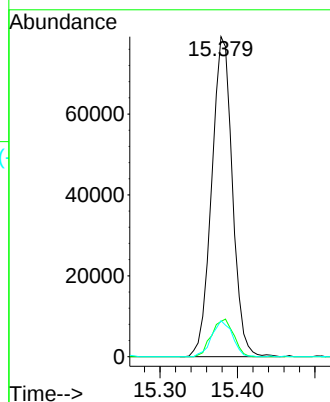
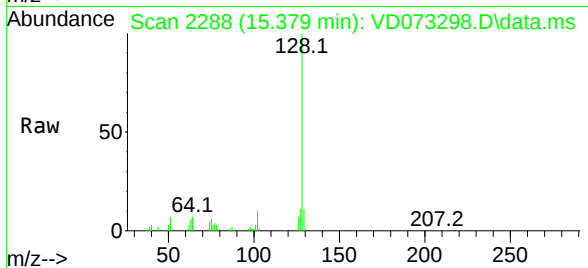
Tgt Ion:128 Resp: 146593

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 21.057 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073298.D

Acq: 23 May 2022 23:32

Tgt Ion:180 Resp: 75322

Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 33.3 17.1 51.3

