

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073229.D
 Acq On : 21 May 2022 14:57
 Operator : VA/SY
 Sample : VD0521SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01

Quant Time: May 22 01:31:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	328984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	562887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	543986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276481	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	198836	54.689	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.380%
35) Dibromofluoromethane	7.908	113	208075	56.020	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.040%
50) Toluene-d8	10.332	98	747645	54.605	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.620	95	270695	56.336	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.680%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	69237	21.062	ug/l	98
3) Chloromethane	2.209	50	69587	18.720	ug/l	98
4) Vinyl Chloride	2.344	62	65612	19.303	ug/l	99
5) Bromomethane	2.744	94	46993	19.069	ug/l	98
6) Chloroethane	2.903	64	40393	19.331	ug/l	98
7) Trichlorofluoromethane	3.262	101	121423	20.203	ug/l	96
8) Diethyl Ether	3.709	74	32209	19.503	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.091	101	70042	19.532	ug/l	97
10) Methyl Iodide	4.297	142	63809	16.492	ug/l	98
11) Tert butyl alcohol	5.209	59	33234	58.917	ug/l #	90
12) 1,1-Dichloroethene	4.062	96	64276	19.441	ug/l	93
13) Acrolein	3.914	56	26708	109.951	ug/l	99
14) Allyl chloride	4.703	41	100608	18.852	ug/l	88
15) Acrylonitrile	5.409	53	81634	108.096	ug/l	98
16) Acetone	4.150	43	62420	99.119	ug/l #	82
17) Carbon Disulfide	4.403	76	196226	17.904	ug/l	99
18) Methyl Acetate	4.714	43	40555	23.159	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	155591	20.657	ug/l	97
20) Methylene Chloride	4.956	84	84269	18.588	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	75955	19.001	ug/l	86
22) Diisopropyl ether	6.356	45	229105	20.479	ug/l	96
23) Vinyl Acetate	6.303	43	593823	99.512	ug/l	97
24) 1,1-Dichloroethane	6.261	63	141465	19.700	ug/l	98
25) 2-Butanone	7.208	43	96641	104.891	ug/l	95
26) 2,2-Dichloropropane	7.197	77	113548	18.542	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	86091	19.463	ug/l	91
28) Bromochloromethane	7.538	49	48006	19.405	ug/l #	80
29) Tetrahydrofuran	7.555	42	64011	107.445	ug/l	93
30) Chloroform	7.703	83	150950	20.135	ug/l	99
31) Cyclohexane	7.979	56	115978	18.254	ug/l #	80
32) 1,1,1-Trichloroethane	7.897	97	131737	20.091	ug/l	94
36) 1,1-Dichloropropene	8.108	75	105092	18.813	ug/l	94
37) Ethyl Acetate	7.291	43	48102	21.800	ug/l #	92
38) Carbon Tetrachloride	8.091	117	111951	19.770	ug/l	96
39) Methylcyclohexane	9.350	83	112286	18.036	ug/l	95
40) Benzene	8.344	78	317474	19.719	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	22575	17.560	ug/l #	84
42) 1,2-Dichloroethane	8.414	62	94021	20.988	ug/l	96
43) Isopropyl Acetate	8.444	43	86576	21.227	ug/l #	91
44) Trichloroethene	9.102	130	84375	19.653	ug/l	92
45) 1,2-Dichloropropane	9.379	63	82777	20.416	ug/l	95
46) Dibromomethane	9.473	93	45917	20.620	ug/l	96
47) Bromodichloromethane	9.655	83	115918	20.345	ug/l #	98
48) Methyl methacrylate	9.450	41	38914	18.965	ug/l #	75
49) 1,4-Dioxane	9.455	88	10896	473.816	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	233401	110.184	ug/l	95
52) Toluene	10.397	92	205307	20.180	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	104428	20.287	ug/l	94
54) cis-1,3-Dichloropropene	10.079	75	121279	19.689	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	62884	20.883	ug/l	95
56) Ethyl methacrylate	10.655	69	69753	20.834	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	105793	20.938	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	135520	99.450	ug/l	95
59) 2-Hexanone	10.973	43	152995	109.552	ug/l	96
60) Dibromochloromethane	11.132	129	77633	20.676	ug/l	97
61) 1,2-Dibromoethane	11.238	107	61338	21.317	ug/l	100
64) Tetrachloroethene	10.867	164	69070	19.385	ug/l	95
65) Chlorobenzene	11.661	112	221226	19.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	82815	20.009	ug/l	97
67) Ethyl Benzene	11.732	91	379704	19.382	ug/l	100
68) m/p-Xylenes	11.844	106	301318	39.589	ug/l	97
69) o-Xylene	12.173	106	134807	19.280	ug/l	97
70) Styrene	12.185	104	242244	20.137	ug/l	97
71) Bromoform	12.349	173	46525	21.842	ug/l #	98
73) Isopropylbenzene	12.467	105	362624	18.398	ug/l	100
74) N-amyl acetate	12.279	43	85249	19.826	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	74116	20.389	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	91380	33.685	ug/l #	100
77) Bromobenzene	12.749	156	91975	19.823	ug/l	89
78) n-propylbenzene	12.808	91	466994	18.873	ug/l	98
79) 2-Chlorotoluene	12.896	91	269471	18.861	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	319094	19.111	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	23635	20.916	ug/l	90
82) 4-Chlorotoluene	12.991	91	283095	18.904	ug/l	98
83) tert-Butylbenzene	13.208	119	251212	17.852	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	318121	19.287	ug/l	99
85) sec-Butylbenzene	13.385	105	404136	18.809	ug/l	100
86) p-Isopropyltoluene	13.502	119	329315	18.802	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	184097	19.685	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	183127	19.398	ug/l	100
89) n-Butylbenzene	13.826	91	314254	18.831	ug/l	99
90) Hexachloroethane	14.096	117	69963	19.305	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	160831	19.876	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	12398	22.271	ug/l	98
93) 1,2,4-Trichlorobenzene	15.143	180	90349	19.667	ug/l	99
94) Hexachlorobutadiene	15.249	225	48178	18.611	ug/l	100
95) Naphthalene	15.379	128	155927	19.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	80535	19.775	ug/l	99

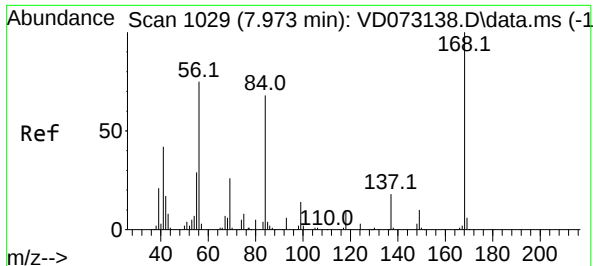
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QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

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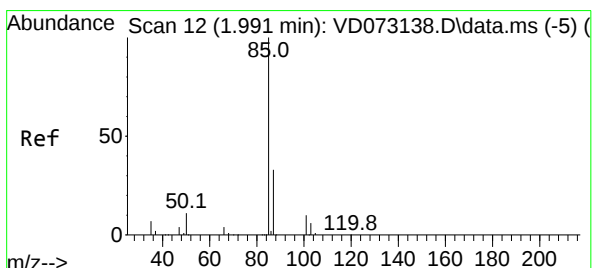
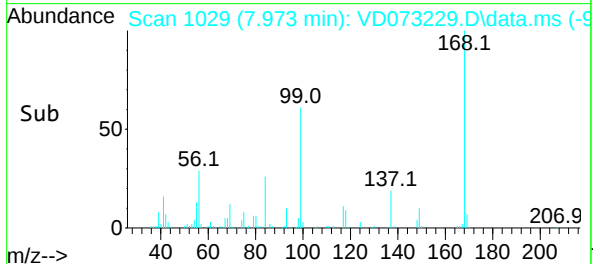
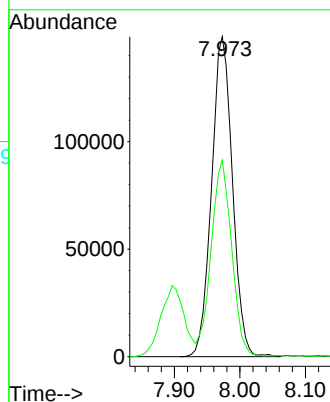
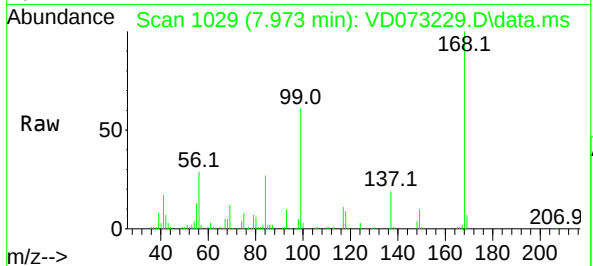
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

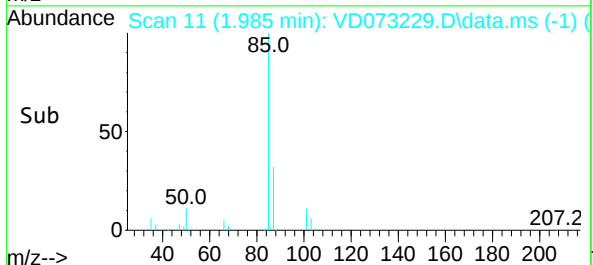
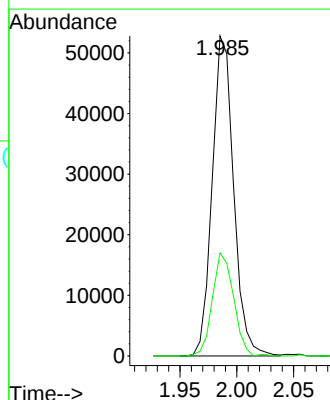
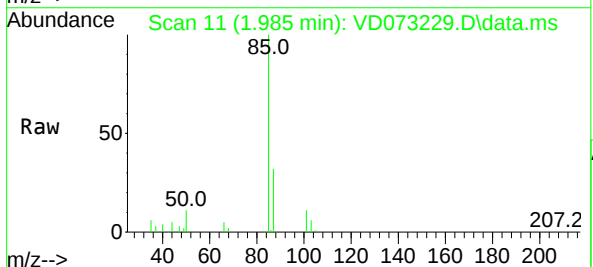
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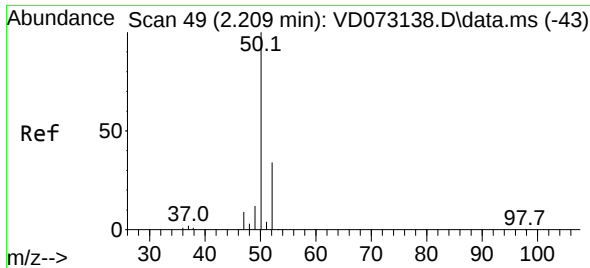
Tgt Ion:168 Resp: 328984
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.062 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 85 Resp: 69237
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.0

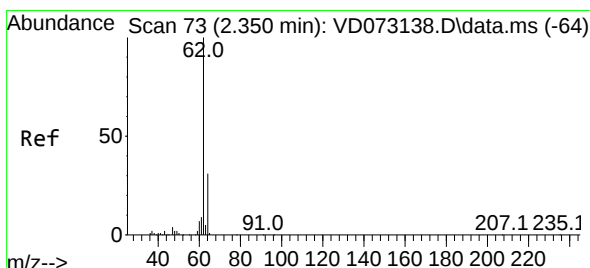
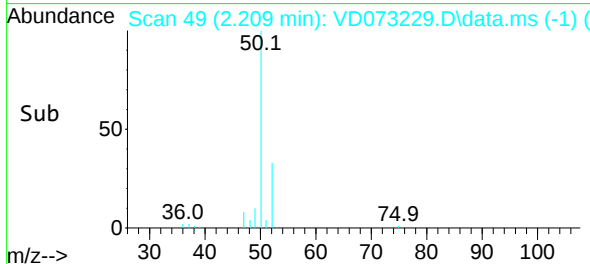
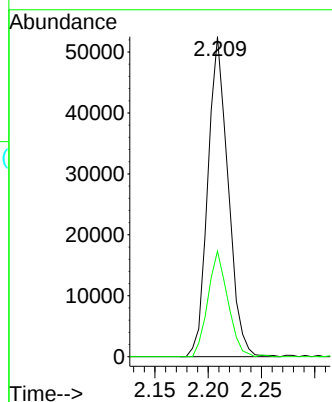
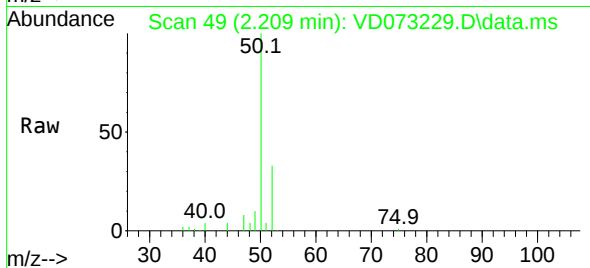




#3
Chloromethane
Concen: 18.720 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

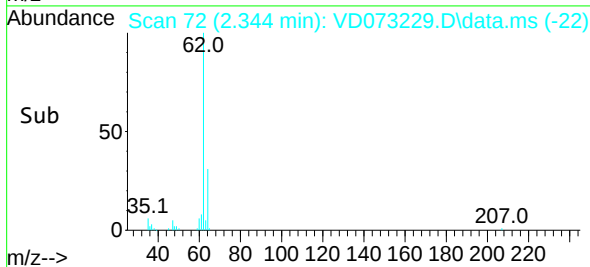
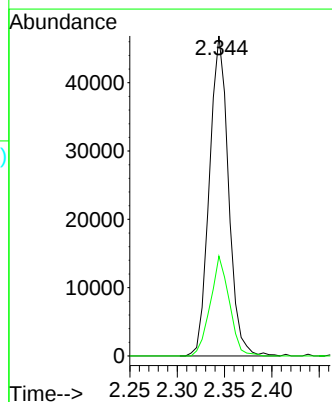
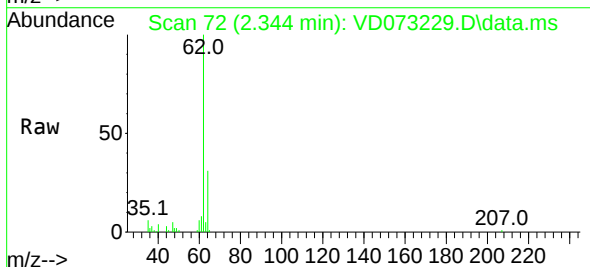
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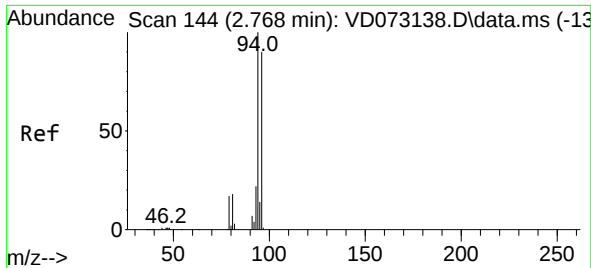
Tgt Ion: 50 Resp: 69587
Ion Ratio Lower Upper
50 100
52 33.0 27.4 41.0



#4
Vinyl Chloride
Concen: 19.303 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 62 Resp: 65612
Ion Ratio Lower Upper
62 100
64 31.2 25.4 38.0

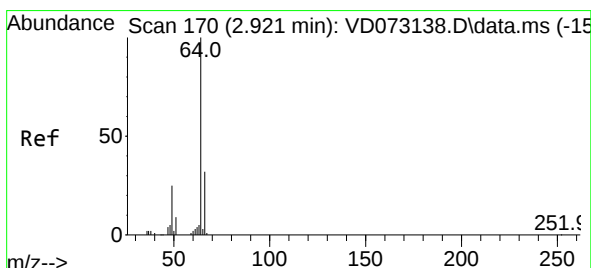
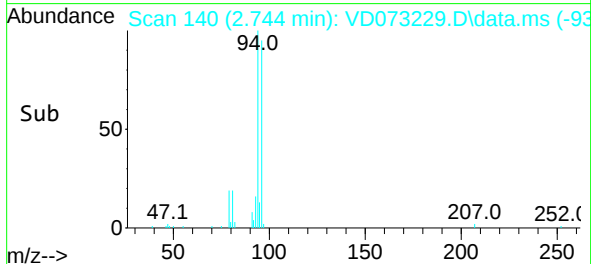
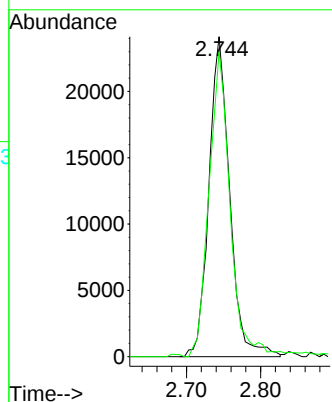
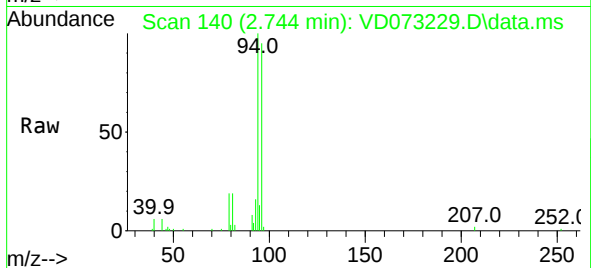




#5
Bromomethane
Concen: 19.069 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.024 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

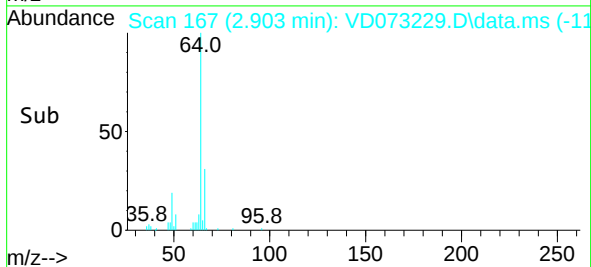
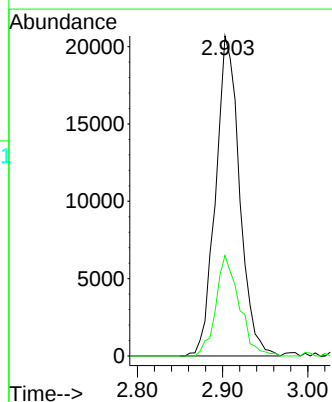
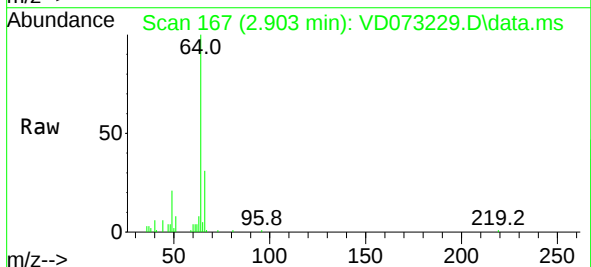
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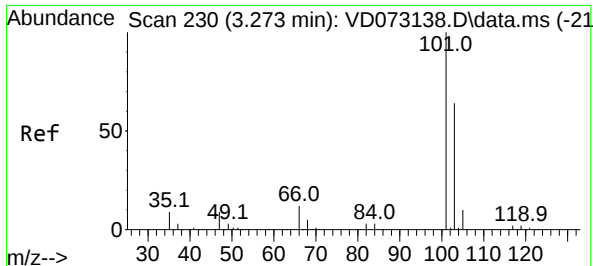
Tgt Ion: 94 Resp: 46993
Ion Ratio Lower Upper
94 100
96 94.6 77.6 116.4



#6
Chloroethane
Concen: 19.331 ug/l
RT: 2.903 min Scan# 167
Delta R.T. -0.018 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 64 Resp: 40393
Ion Ratio Lower Upper
64 100
66 31.4 25.9 38.9

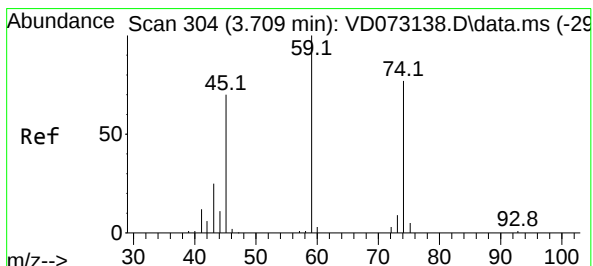
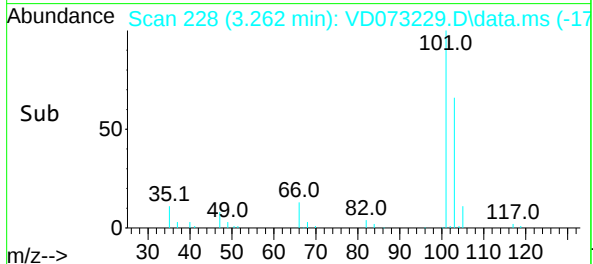
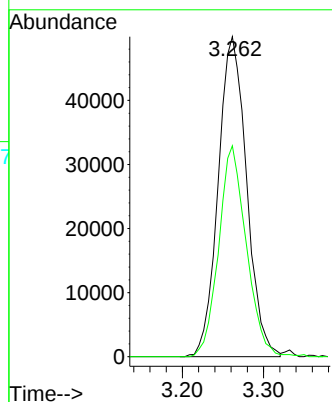
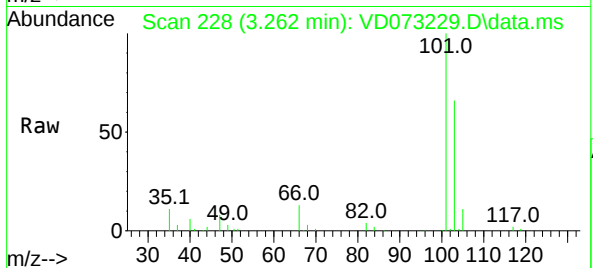




#7
Trichlorofluoromethane
Concen: 20.203 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

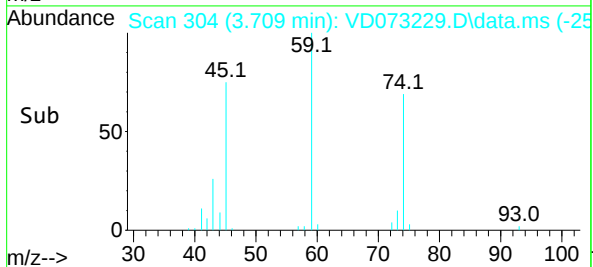
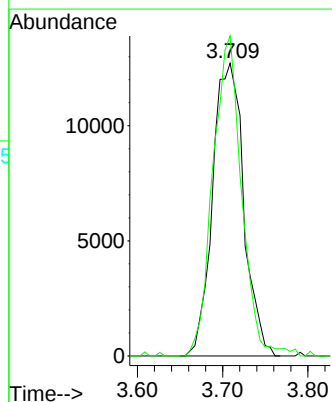
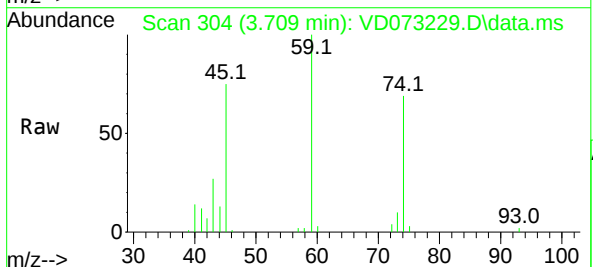
Instrument :
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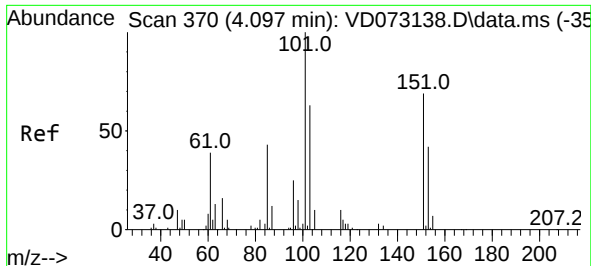
Tgt Ion:101 Resp: 121423
Ion Ratio Lower Upper
101 100
103 65.9 50.1 75.1



#8
Diethyl Ether
Concen: 19.503 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 74 Resp: 32209
Ion Ratio Lower Upper
74 100
45 101.3 52.6 157.8

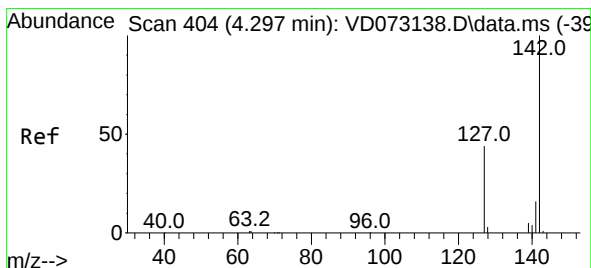
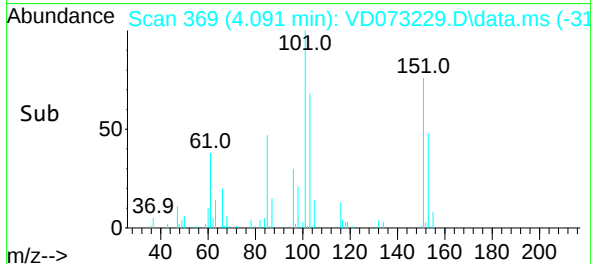
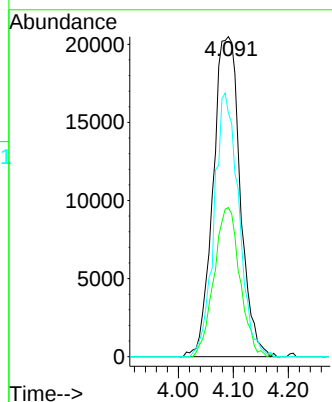
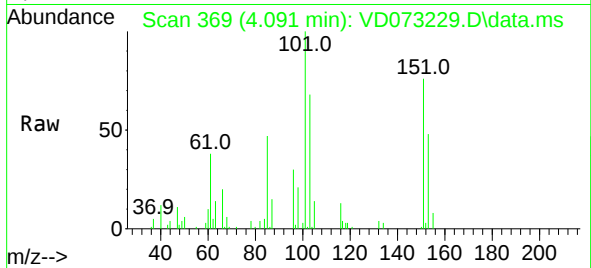




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.532 ug/l
 RT: 4.091 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VD073229.D
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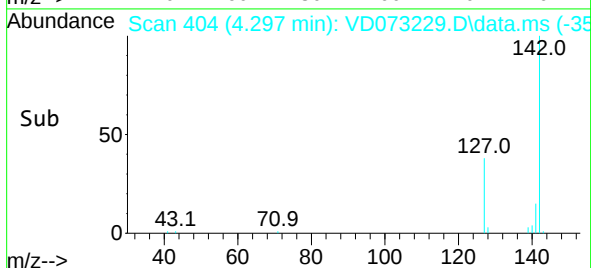
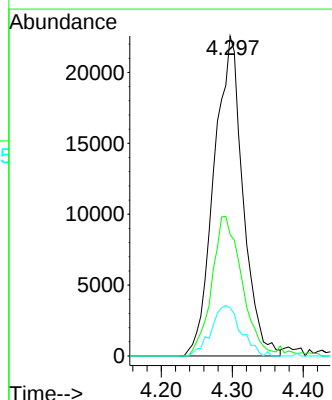
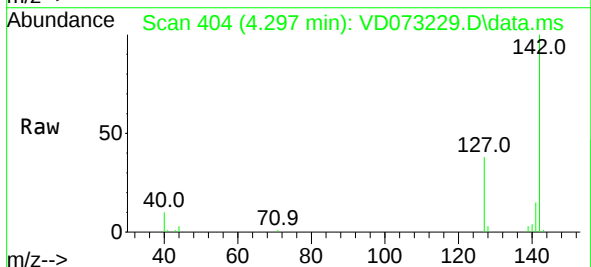
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01

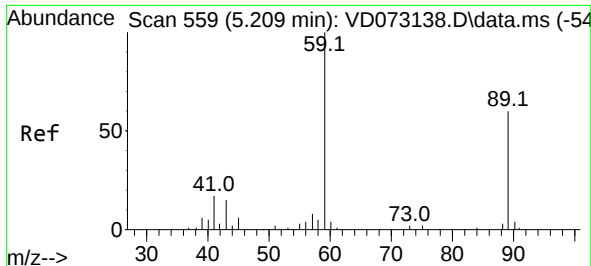
Tgt Ion:101 Resp: 70042
 Ion Ratio Lower Upper
 101 100
 85 44.5 36.4 54.6
 151 74.9 57.3 85.9



#10
 Methyl Iodide
 Concen: 16.492 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD073229.D
 Acq: 21 May 2022 14:57

Tgt Ion:142 Resp: 63809
 Ion Ratio Lower Upper
 142 100
 127 45.3 37.3 55.9
 141 16.0 11.7 17.5

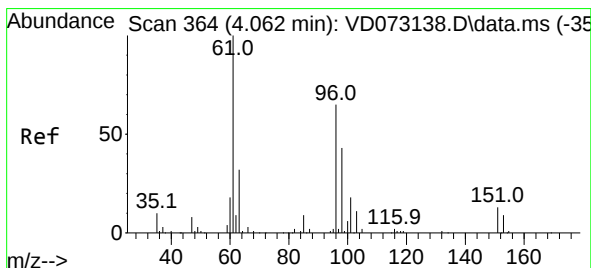
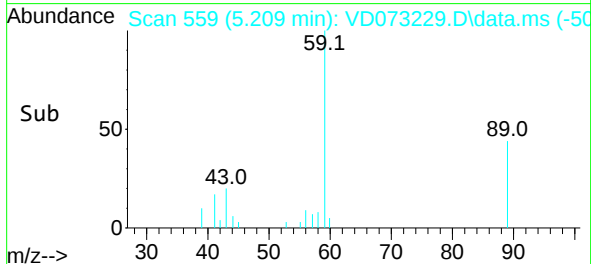
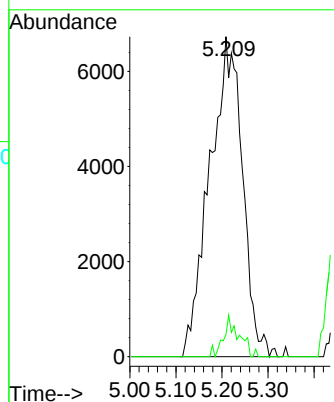
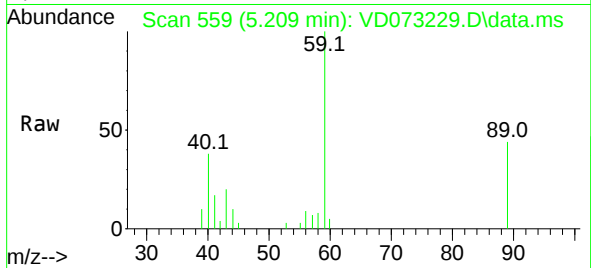




#11
Tert butyl alcohol
Concen: 58.917 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

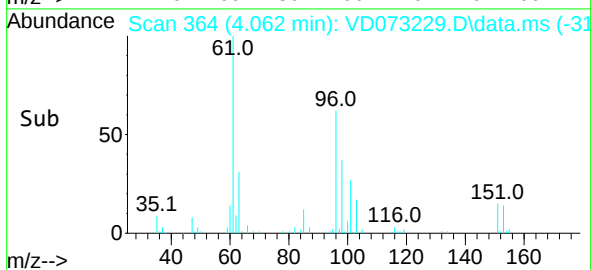
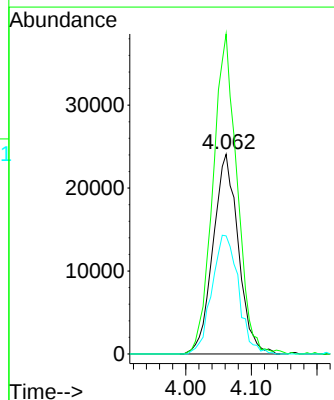
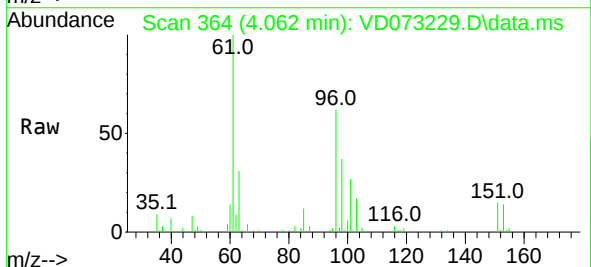
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

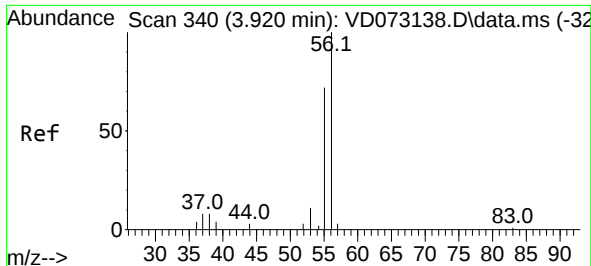
Tgt Ion: 59 Resp: 33234
Ion Ratio Lower Upper
59 100
57 5.9 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 19.441 ug/l
RT: 4.062 min Scan# 364
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 96 Resp: 64276
Ion Ratio Lower Upper
96 100
61 160.3 138.5 207.7
98 59.1 48.6 73.0

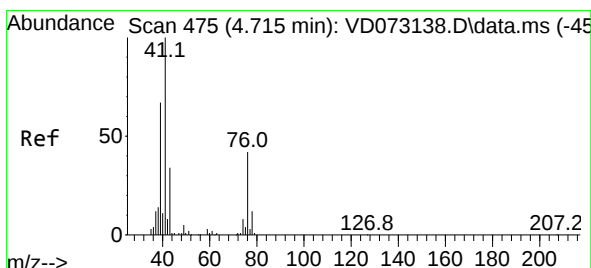
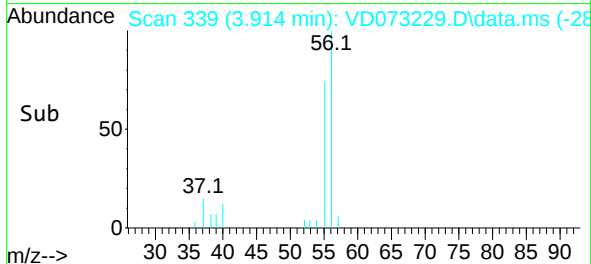
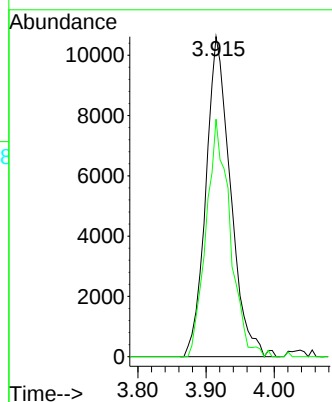
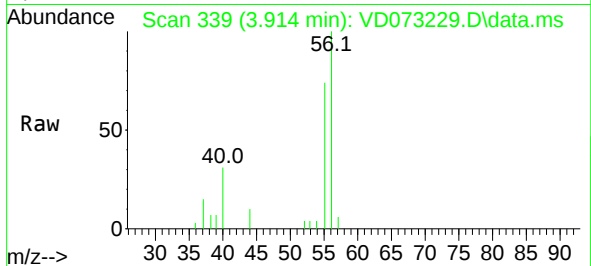




#13
Acrolein
Concen: 109.951 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

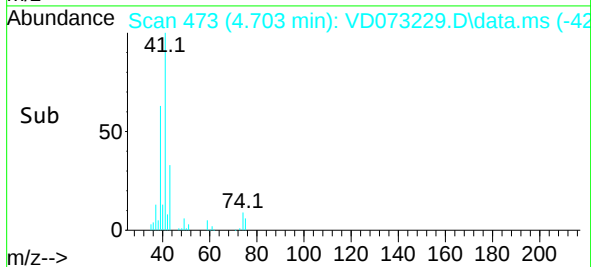
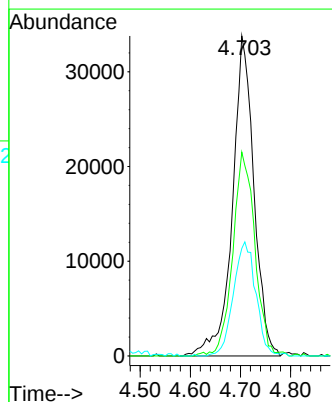
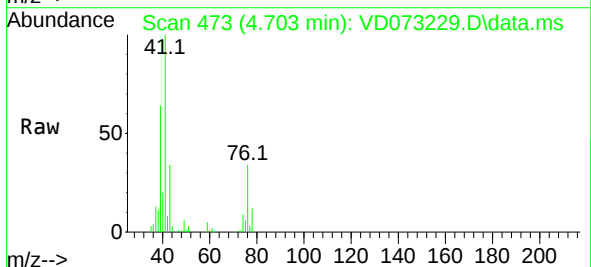
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

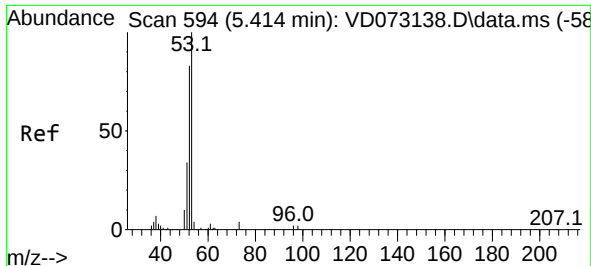
Tgt Ion: 56 Resp: 26708
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 18.852 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 41 Resp: 100608
Ion Ratio Lower Upper
41 100
39 63.5 59.3 88.9
76 37.2 25.7 38.5

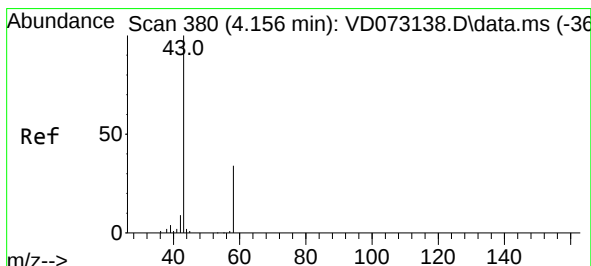
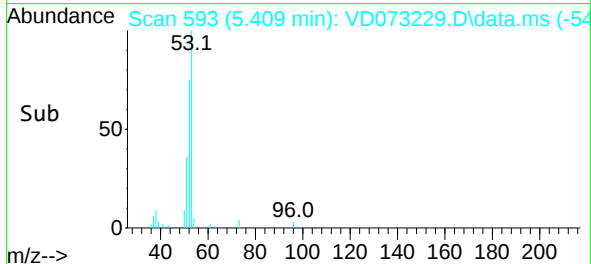
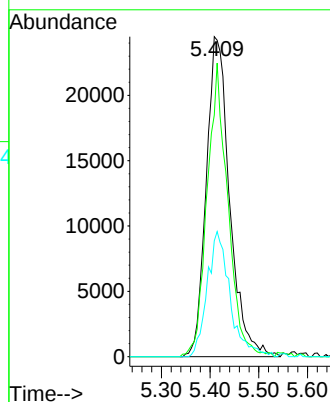
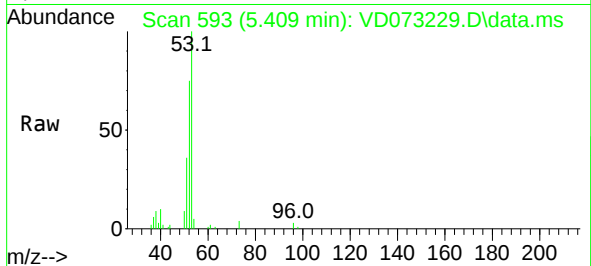




#15
Acrylonitrile
Concen: 108.096 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

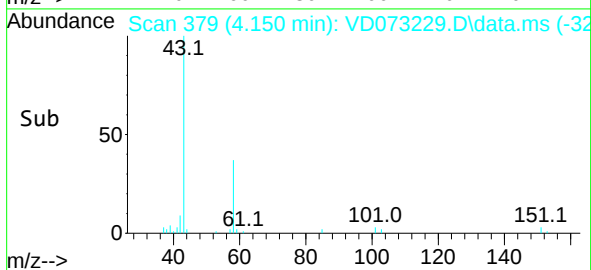
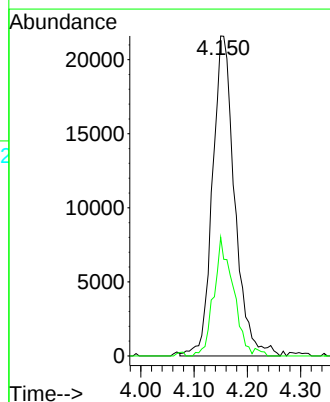
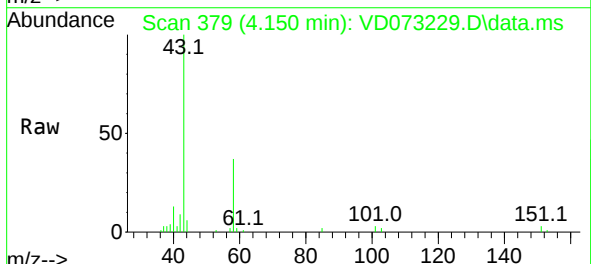
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

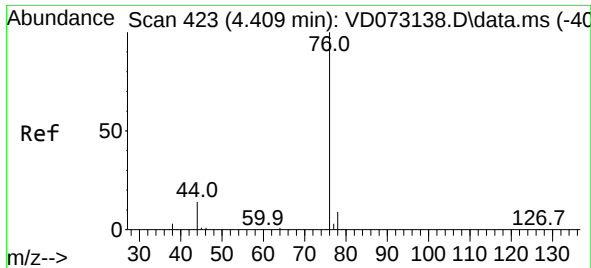
Tgt Ion: 53	Resp: 81634
Ion Ratio	Lower Upper
53 100	
52 81.2	67.2 100.8
51 38.3	30.3 45.5



#16
Acetone
Concen: 99.119 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 43	Resp: 62420		
Ion Ratio	Lower	Upper	
43 100			
58 37.1	22.1	33.1#	

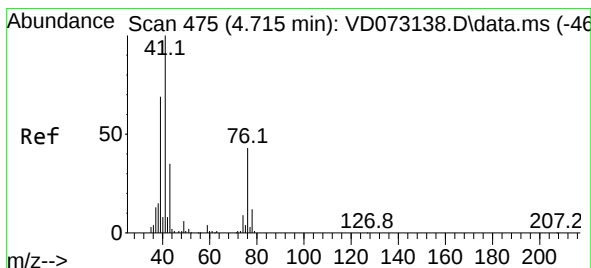
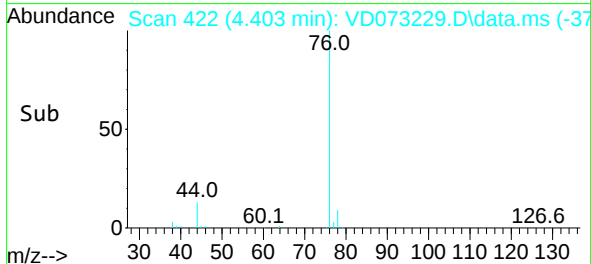
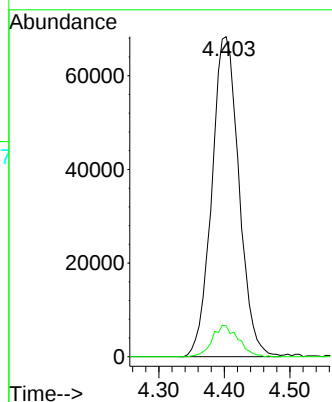
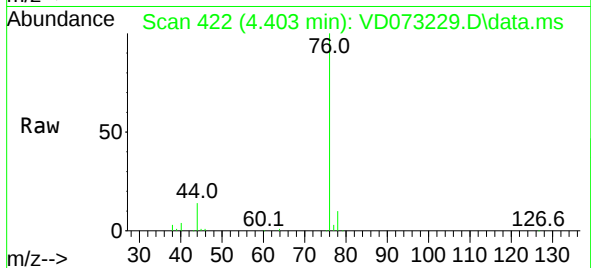




#17
Carbon Disulfide
Concen: 17.904 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

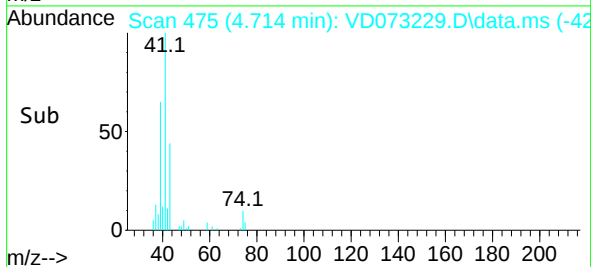
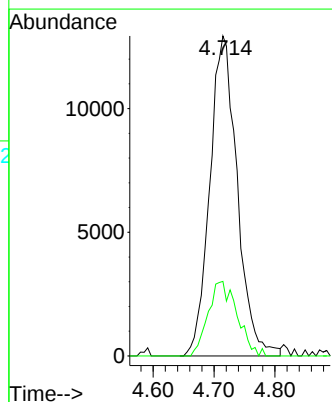
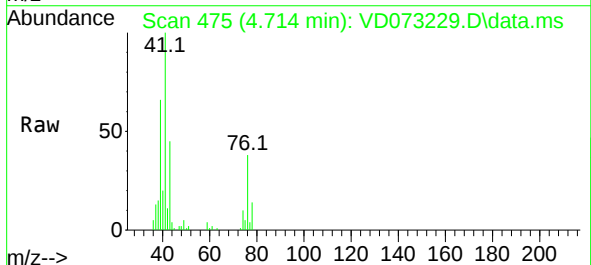
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

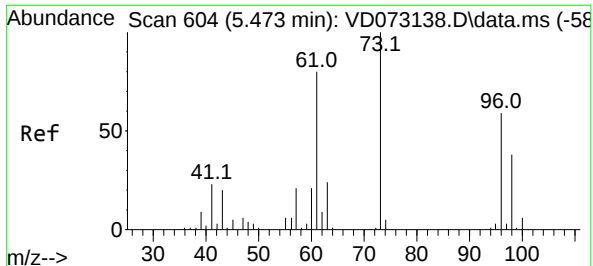
Tgt Ion: 76 Resp: 196226
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3



#18
Methyl Acetate
Concen: 23.159 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 43 Resp: 40555
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 20.657 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

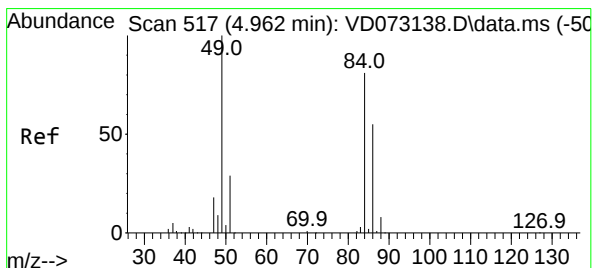
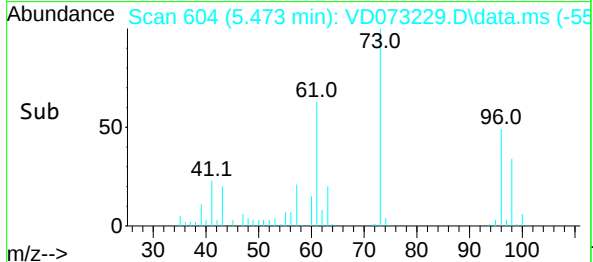
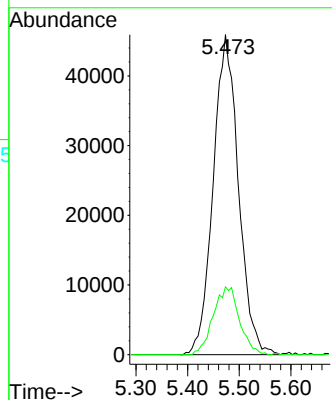
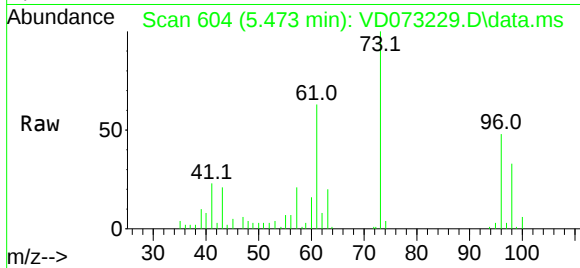
VD0521SBS01

Tgt Ion: 73 Resp: 155591

Ion Ratio Lower Upper

73 100

57 21.2 18.0 27.0



#20

Methylene Chloride

Concen: 18.588 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Tgt Ion: 84 Resp: 84269

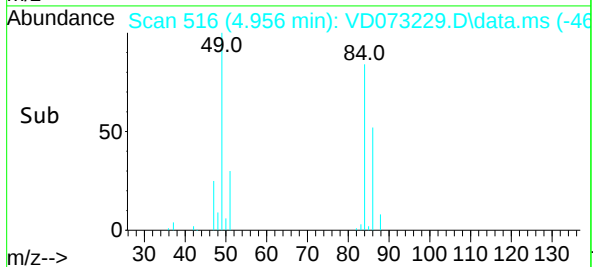
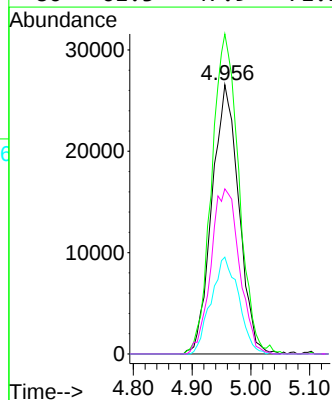
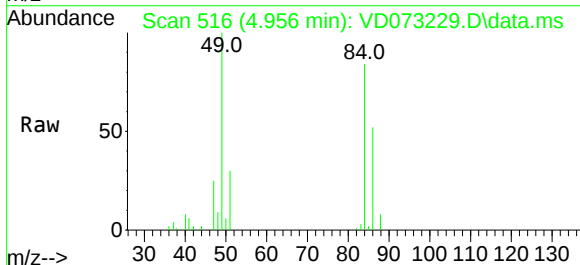
Ion Ratio Lower Upper

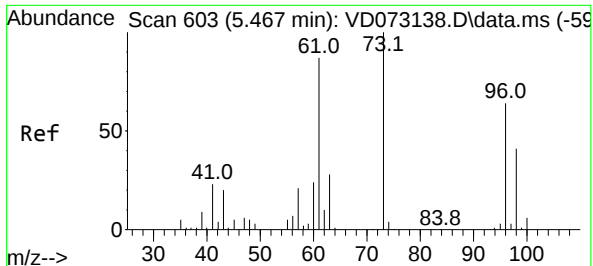
84 100

49 118.8 112.8 169.2

51 36.0 32.6 48.8

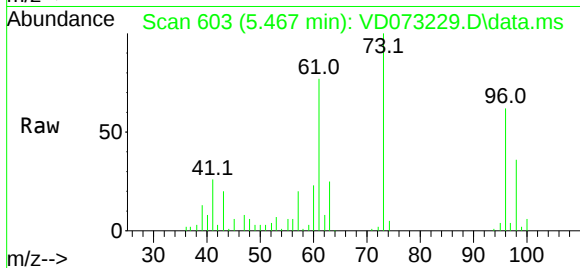
86 61.3 47.9 71.9



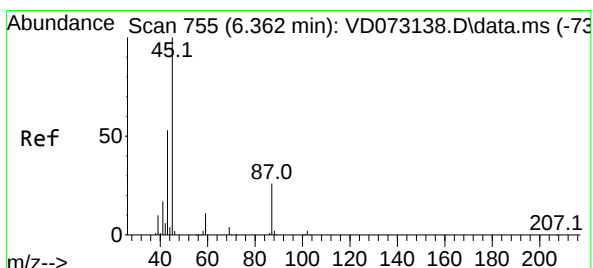
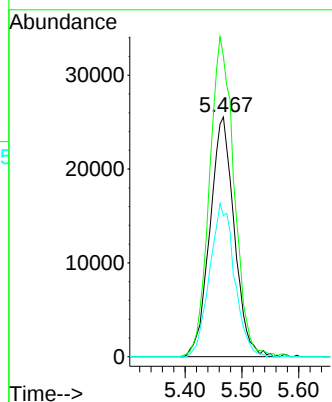
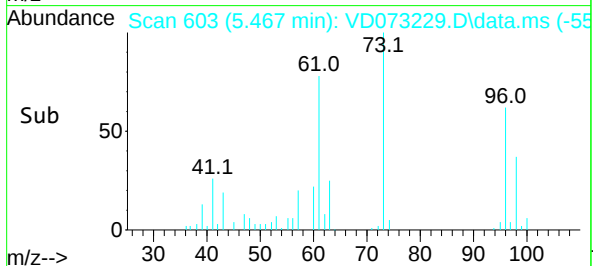


#21
trans-1,2-Dichloroethene
Concen: 19.001 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

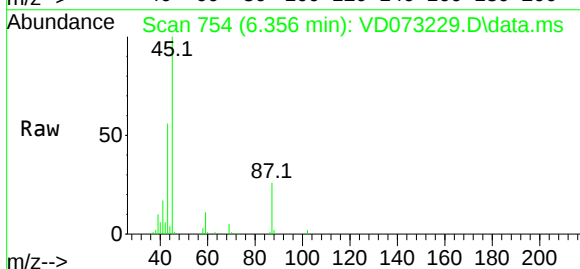
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01



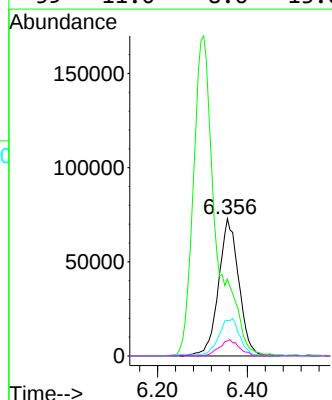
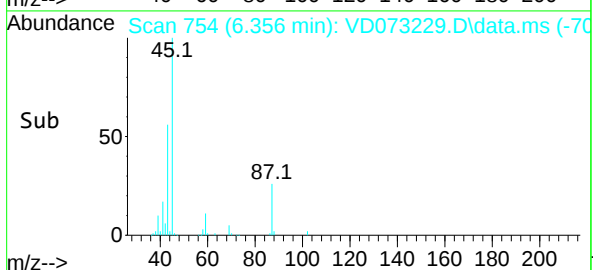
Tgt Ion: 96 Resp: 75955
Ion Ratio Lower Upper
96 100
61 125.2 117.9 176.9
98 58.8 49.4 74.2

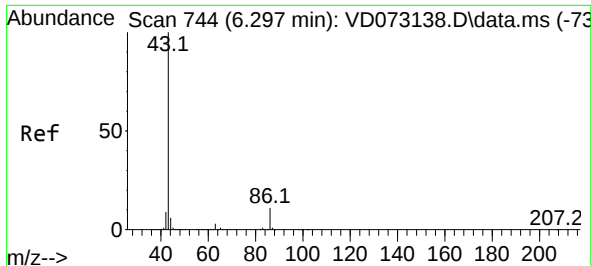


#22
Diisopropyl ether
Concen: 20.479 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57



Tgt Ion: 45 Resp: 229105
Ion Ratio Lower Upper
45 100
43 55.2 46.6 70.0
87 25.8 18.4 27.6
59 11.0 8.6 13.0

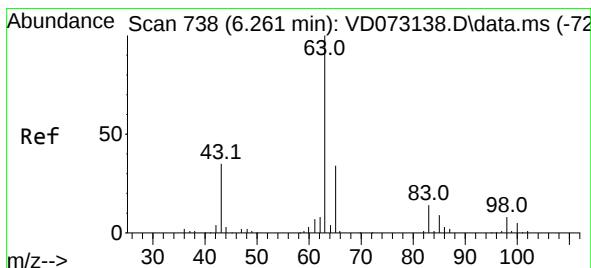
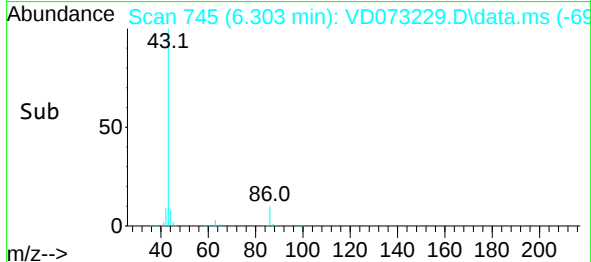
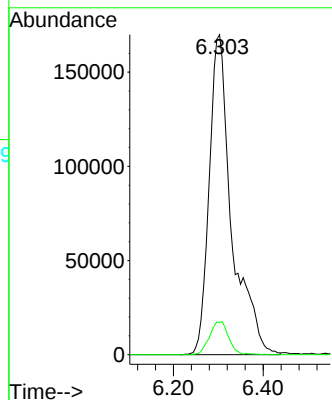
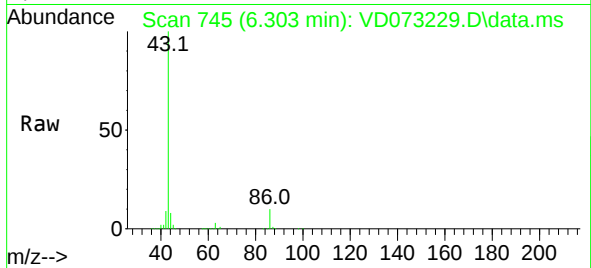




#23
 Vinyl Acetate
 Concen: 99.512 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073229.D
 Acq: 21 May 2022 14:57

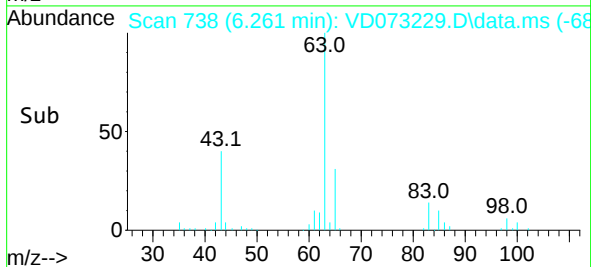
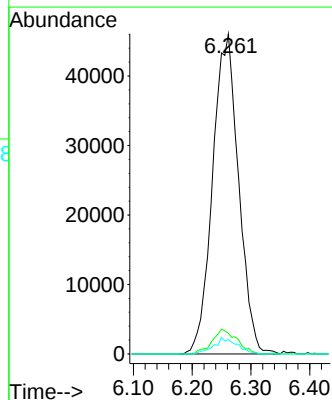
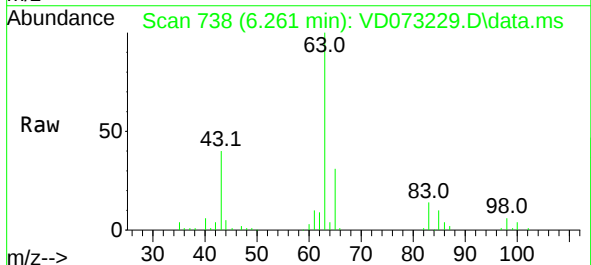
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01

Tgt Ion: 43 Resp: 593823
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 19.700 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073229.D
 Acq: 21 May 2022 14:57

Tgt Ion: 63 Resp: 141465
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.5 2.1 6.5

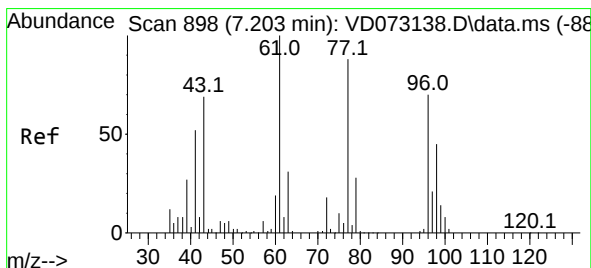
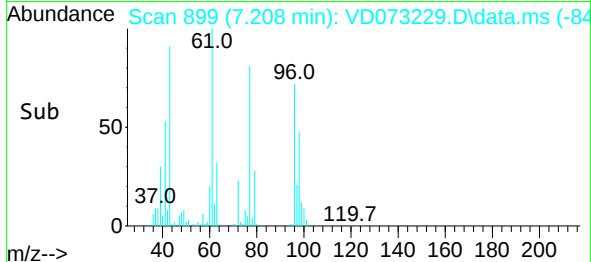
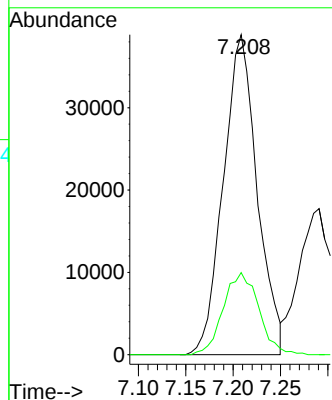
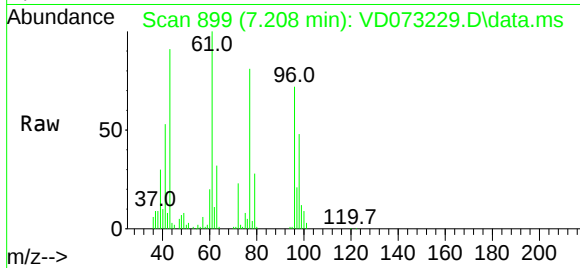




#25
2-Butanone
Concen: 104.891 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

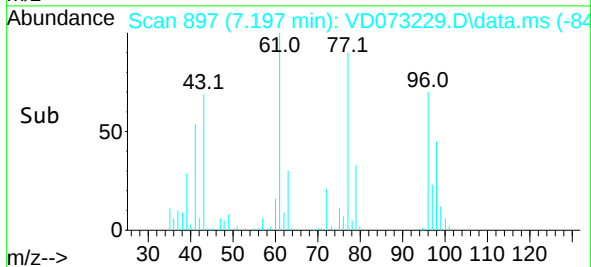
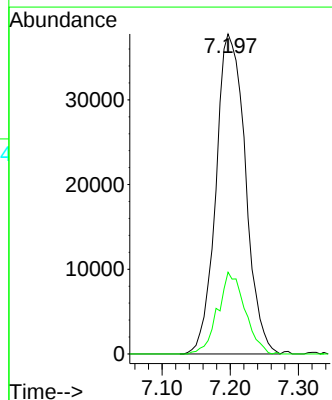
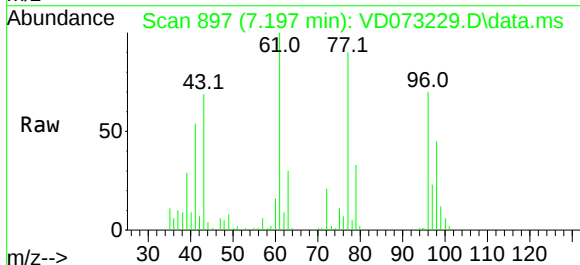
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Tgt Ion: 43 Resp: 96641
Ion Ratio Lower Upper
43 100
72 25.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 18.542 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 77 Resp: 113548
Ion Ratio Lower Upper
77 100
97 23.6 10.8 32.4

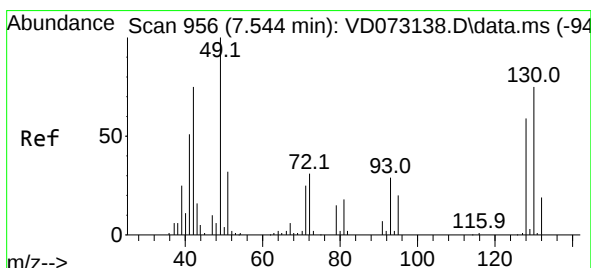
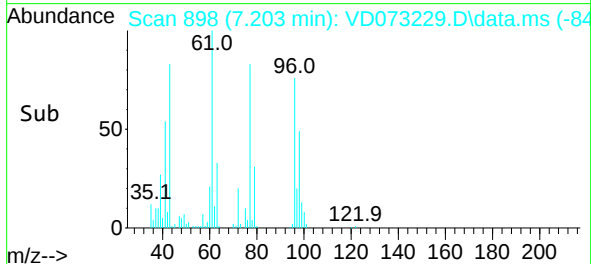
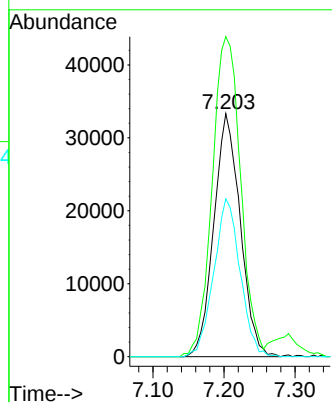
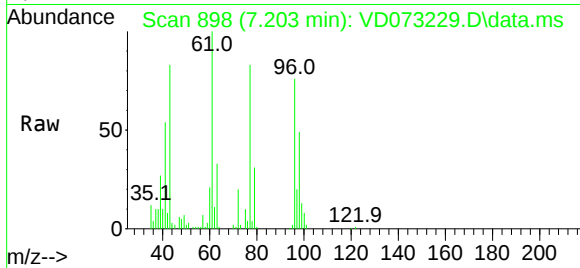




#27
 cis-1,2-Dichloroethene
 Concen: 19.463 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073229.D
 Acq: 21 May 2022 14:57

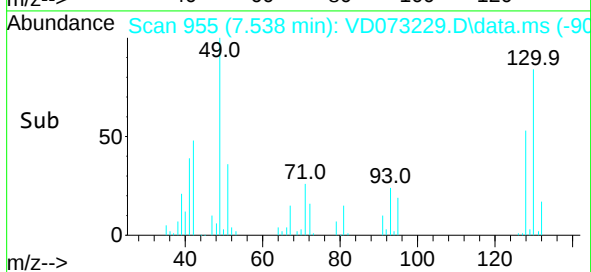
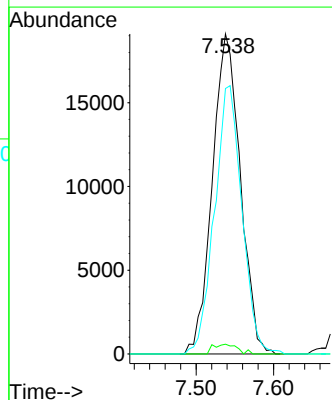
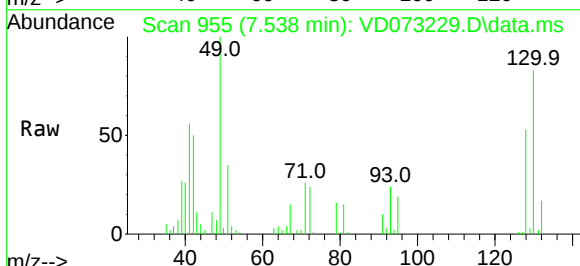
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01

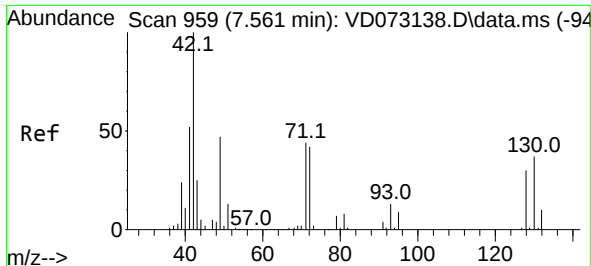
Tgt Ion: 96	Resp: 86091		
Ion Ratio	Lower	Upper	
96	100		
61	141.2	0.0	313.8
98	64.9	0.0	128.8



#28
 Bromochloromethane
 Concen: 19.405 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073229.D
 Acq: 21 May 2022 14:57

Tgt Ion: 49	Resp: 48006		
Ion Ratio	Lower	Upper	
49 100			
129 2.6	0.0	4.0	
130 82.1	52.6	79.0#	





#29

Tetrahydrofuran

Concen: 107.445 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

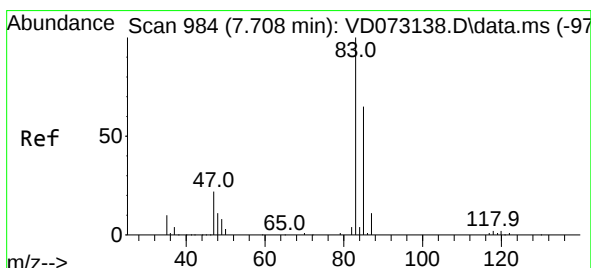
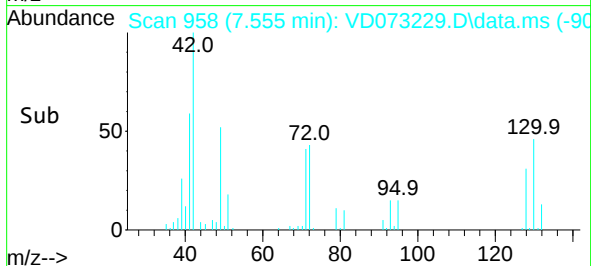
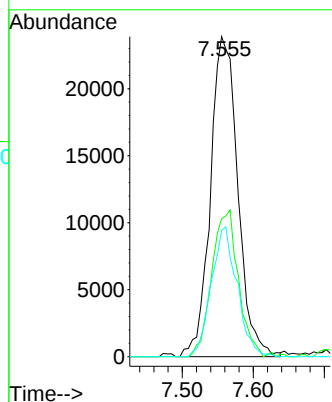
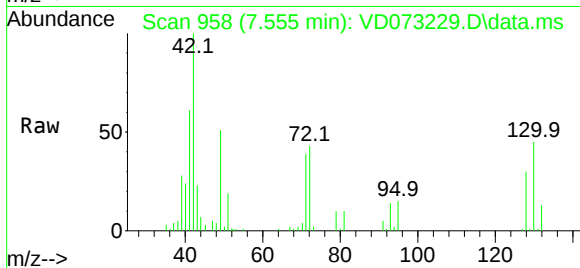
Tgt Ion: 42 Resp: 64011

Ion Ratio Lower Upper

42 100

72 44.3 30.7 46.1

71 38.3 28.6 43.0



#30

Chloroform

Concen: 20.135 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073229.D

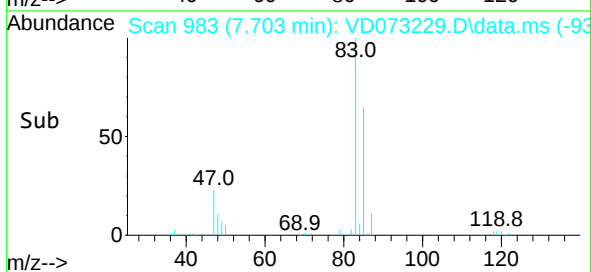
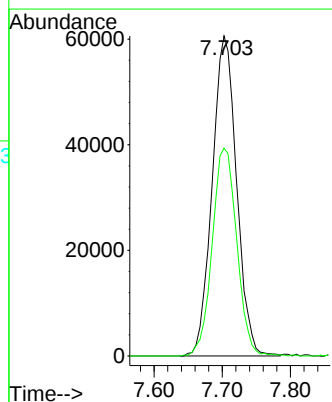
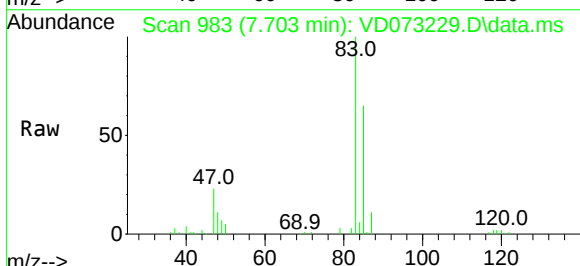
Acq: 21 May 2022 14:57

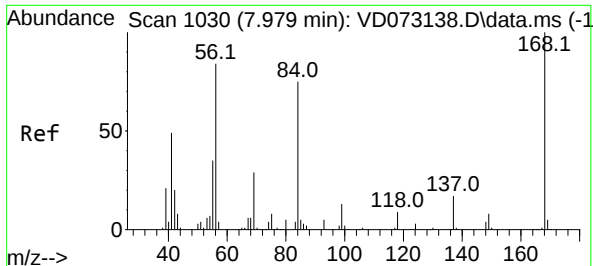
Tgt Ion: 83 Resp: 150950

Ion Ratio Lower Upper

83 100

85 65.0 52.7 79.1





#31

Cyclohexane

Concen: 18.254 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

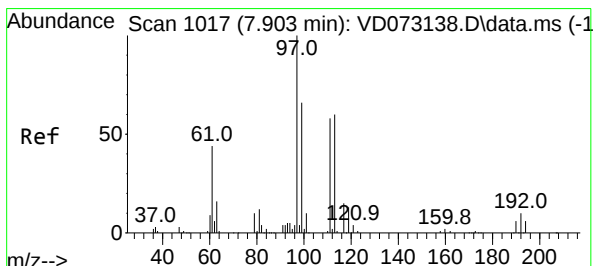
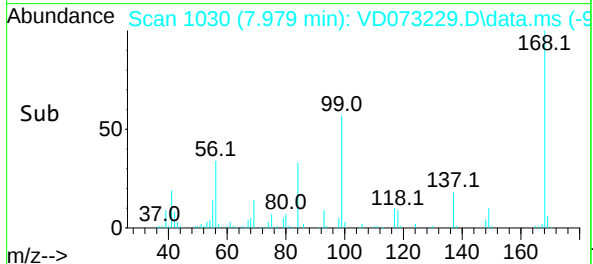
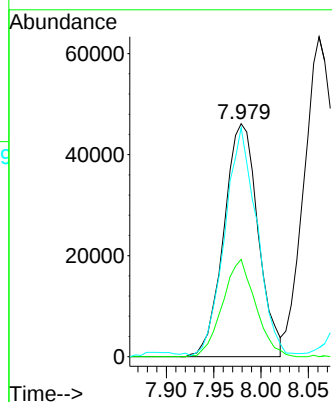
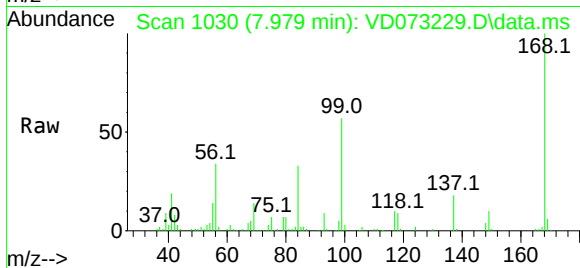
Tgt Ion: 56 Resp: 115978

Ion Ratio Lower Upper

56 100

69 41.8 25.4 38.2#

84 97.3 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 20.091 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

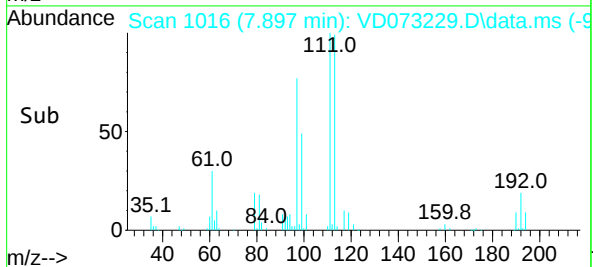
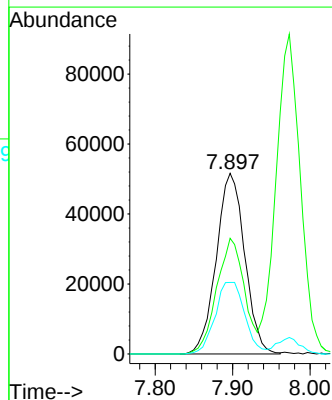
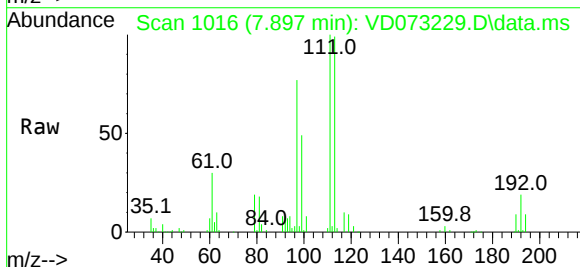
Tgt Ion: 97 Resp: 131737

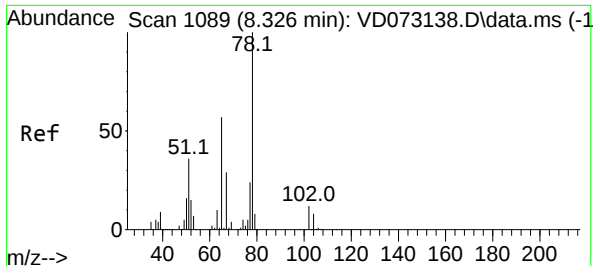
Ion Ratio Lower Upper

97 100

99 62.6 52.4 78.6

61 41.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 54.689 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

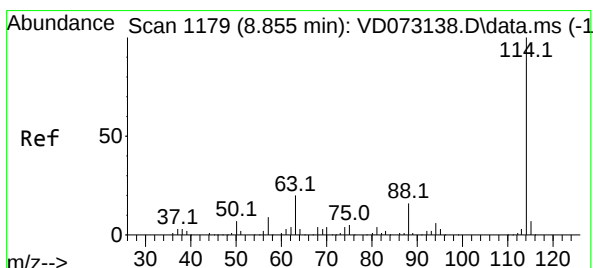
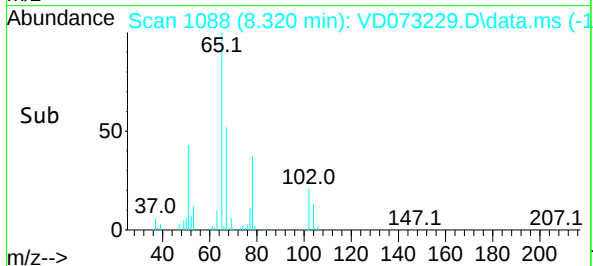
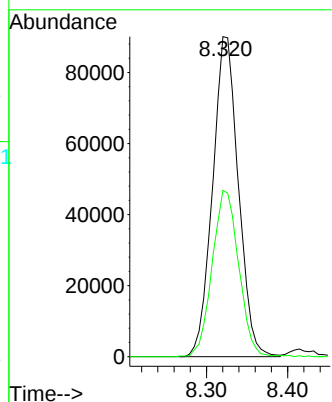
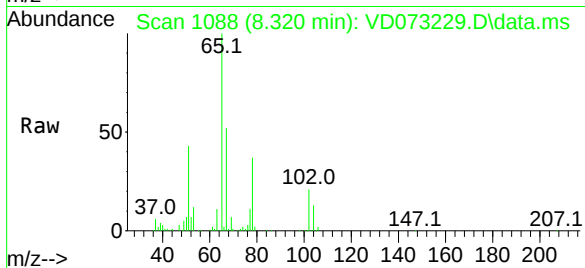
VD0521SBS01

Tgt Ion: 65 Resp: 198836

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

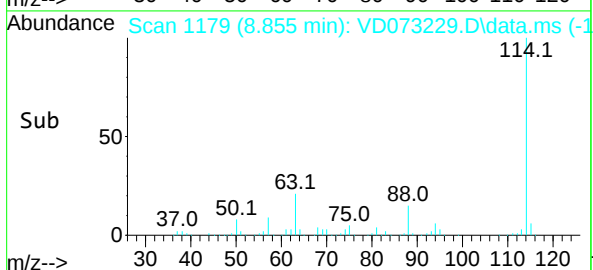
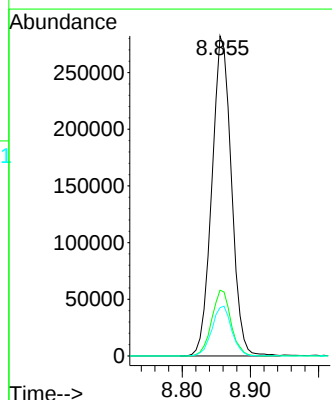
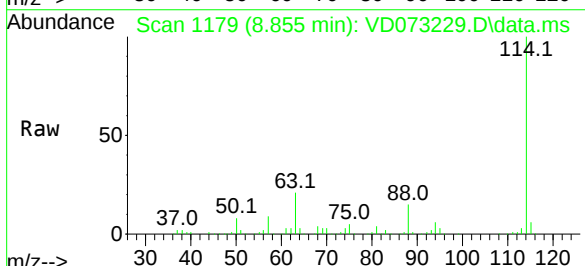
Tgt Ion: 114 Resp: 562887

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.020 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

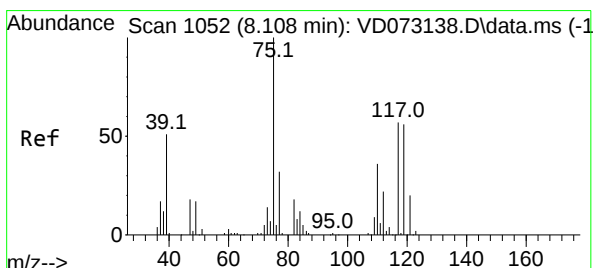
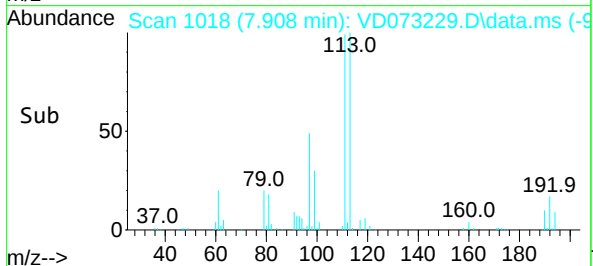
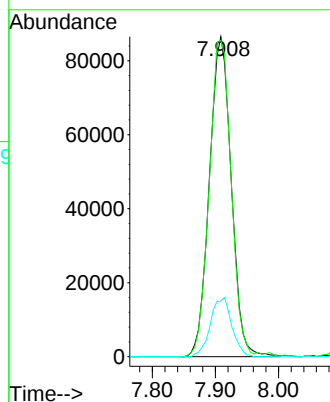
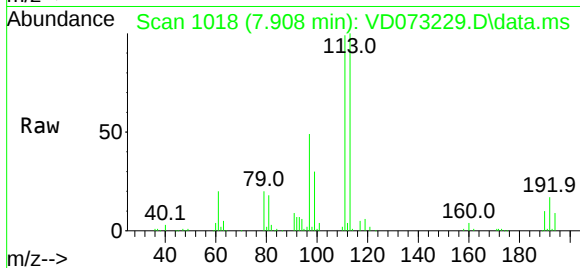
Tgt Ion:113 Resp: 208075

Ion Ratio Lower Upper

113 100

111 99.9 83.8 125.6

192 18.1 14.6 21.8



#36

1,1-Dichloropropene

Concen: 18.813 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

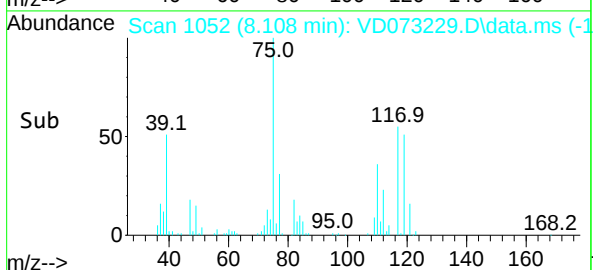
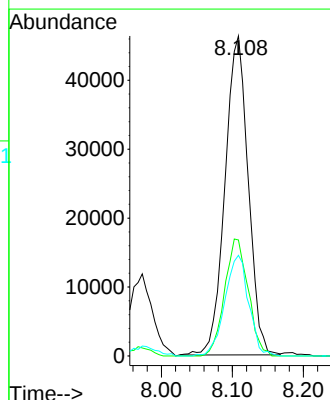
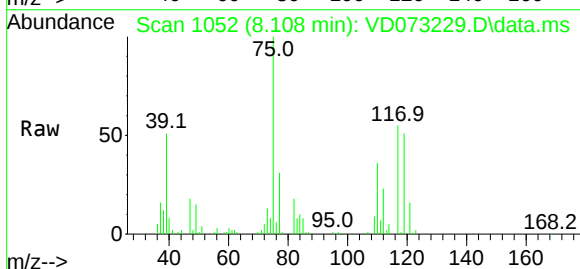
Tgt Ion: 75 Resp: 105092

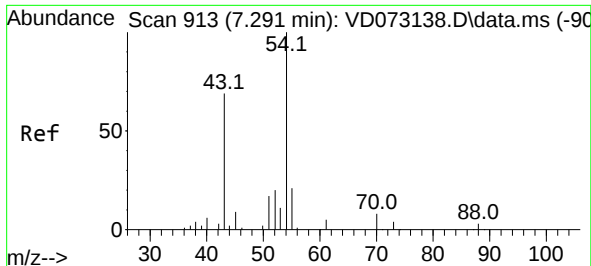
Ion Ratio Lower Upper

75 100

110 37.3 16.4 49.1

77 32.4 24.2 36.2

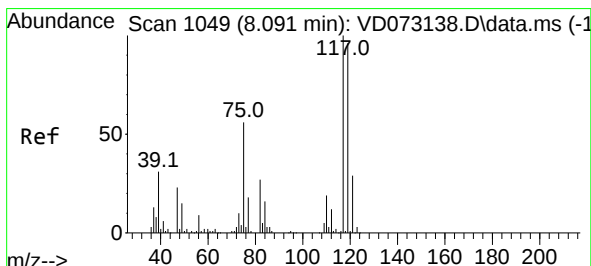
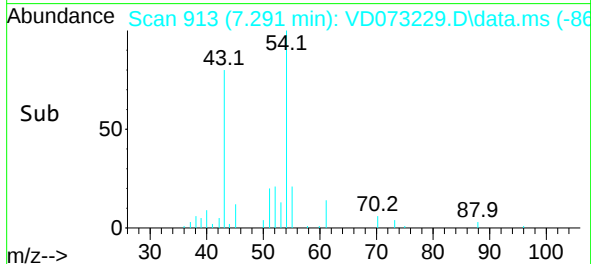
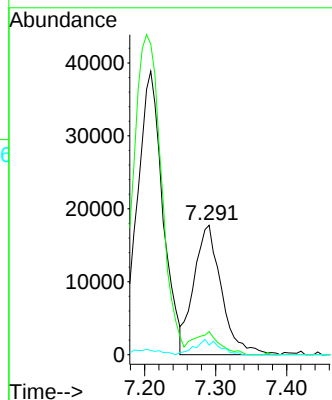
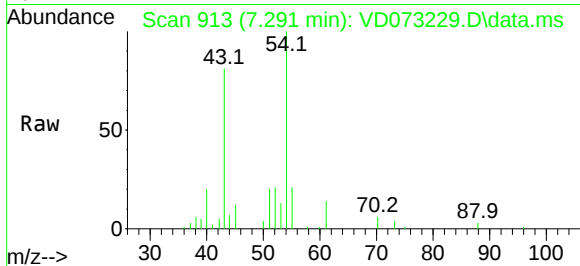




#37
Ethyl Acetate
Concen: 21.800 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

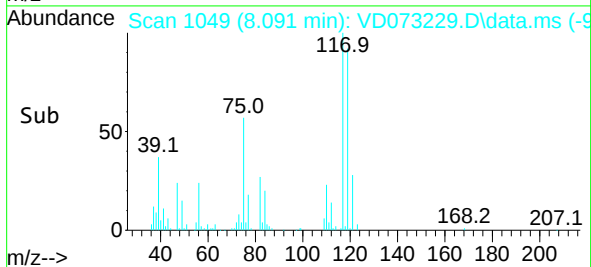
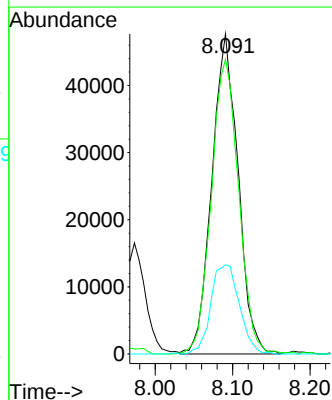
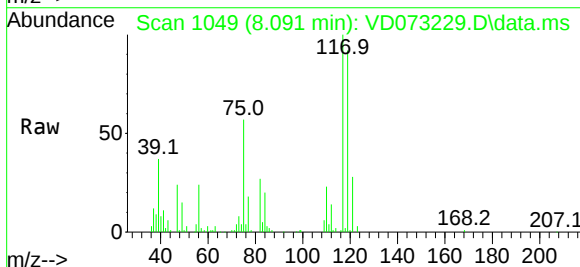
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

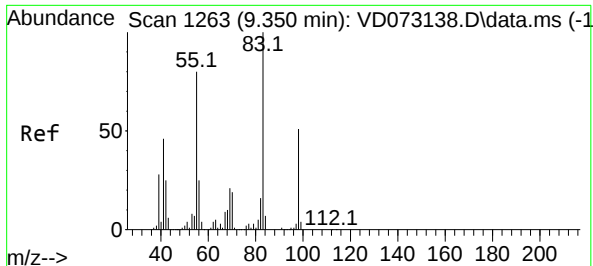
Tgt Ion: 43 Resp: 48102
Ion Ratio Lower Upper
43 100
61 16.7 9.8 14.8#
70 10.1 6.9 10.3



#38
Carbon Tetrachloride
Concen: 19.770 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 117 Resp: 111951
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.6
121 27.8 24.5 36.7





#39

Methylcyclohexane

Concen: 18.036 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

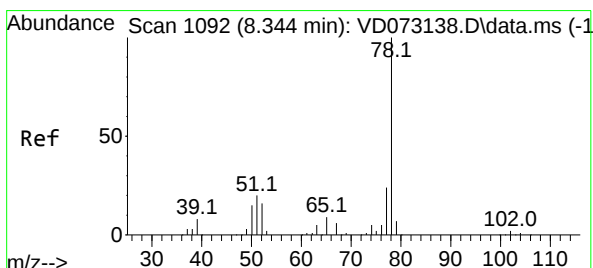
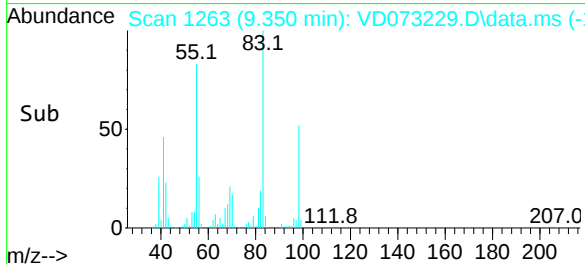
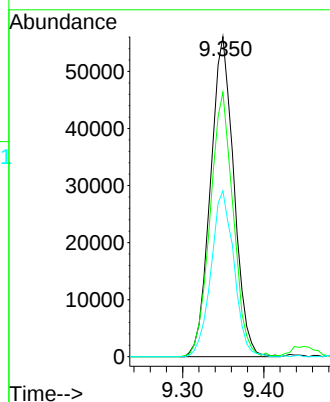
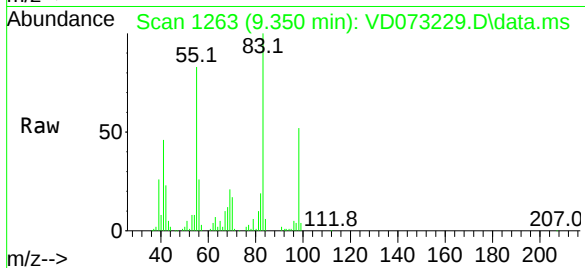
Tgt Ion: 83 Resp: 112286

Ion Ratio Lower Upper

83 100

55 82.6 63.2 94.8

98 51.8 38.2 57.4



#40

Benzene

Concen: 19.719 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073229.D

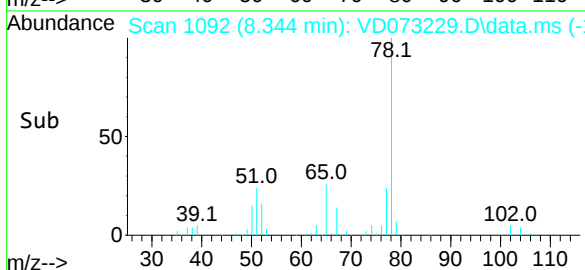
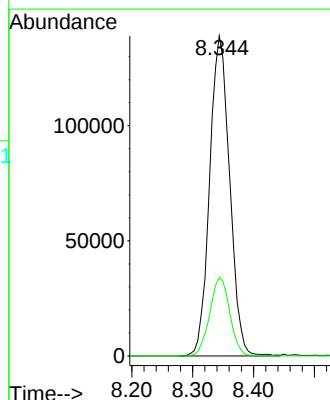
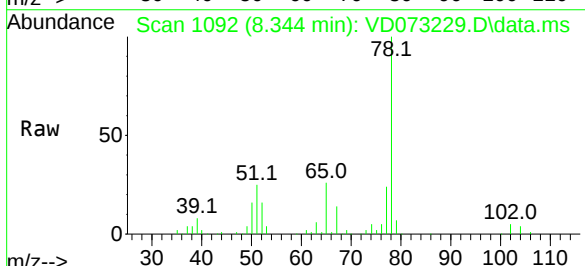
Acq: 21 May 2022 14:57

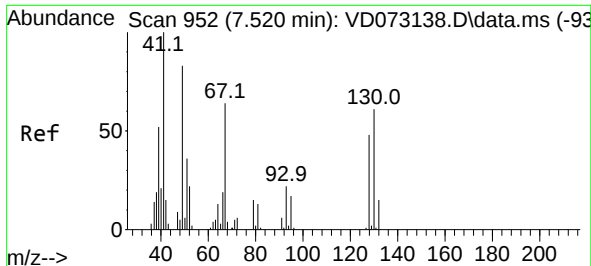
Tgt Ion: 78 Resp: 317474

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7

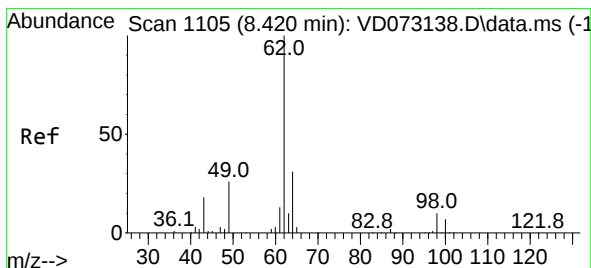
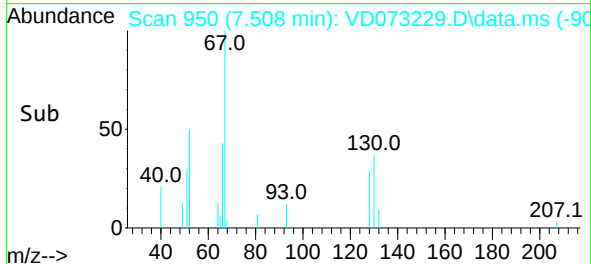
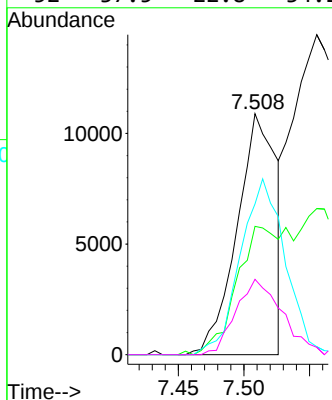
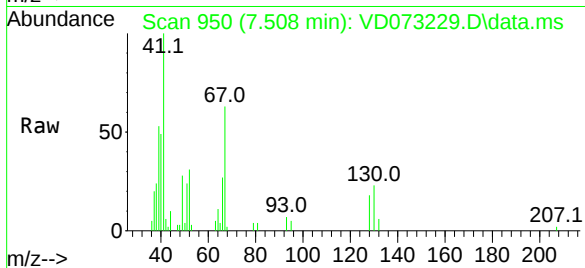




#41
Methacrylonitrile
Concen: 17.560 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

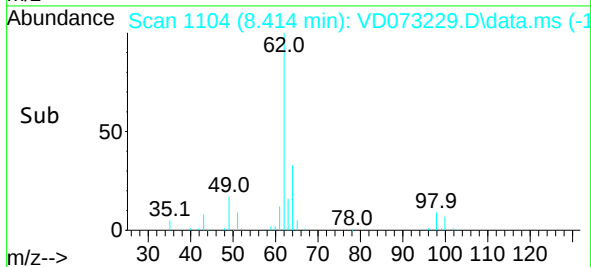
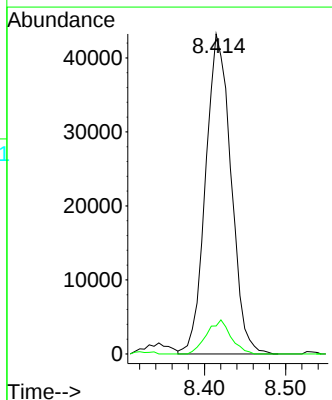
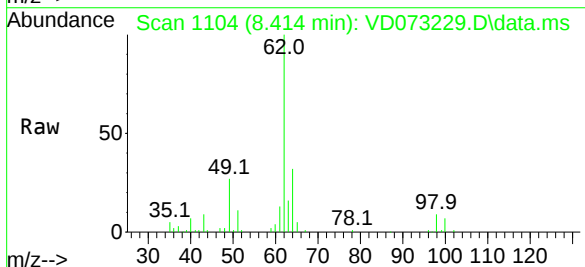
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

Tgt Ion:	41	Resp:	22575
Ion	Ratio	Lower	Upper
41	100		
39	56.1	44.6	67.0
67	83.8	48.2	72.4#
52	37.5	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 20.988 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion:	62	Resp:	94021
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.227 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

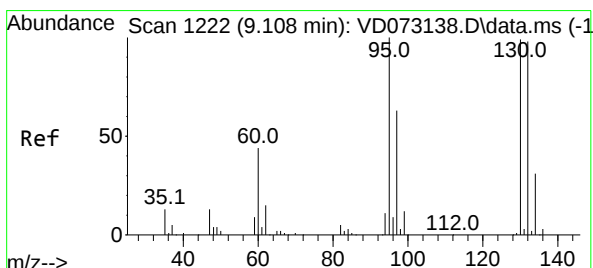
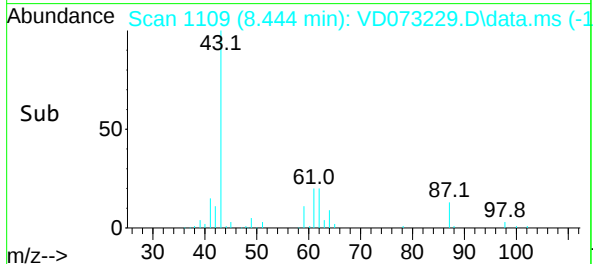
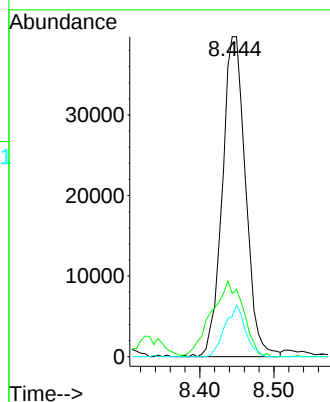
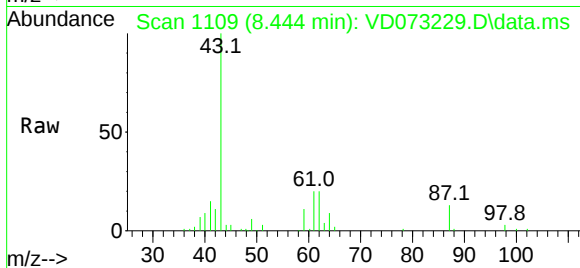
Tgt Ion: 43 Resp: 86576

Ion Ratio Lower Upper

43 100

61 32.6 22.4 33.6

87 14.1 8.7 13.1#



#44

Trichloroethene

Concen: 19.653 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073229.D

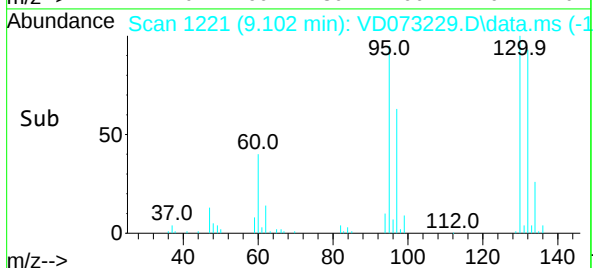
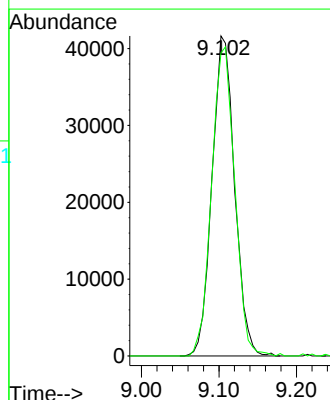
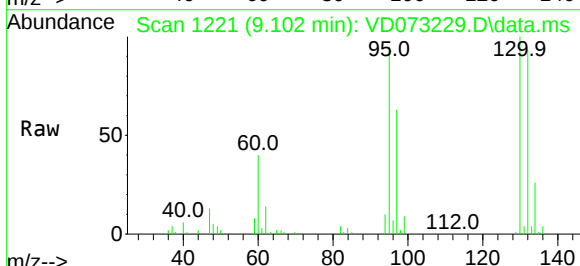
Acq: 21 May 2022 14:57

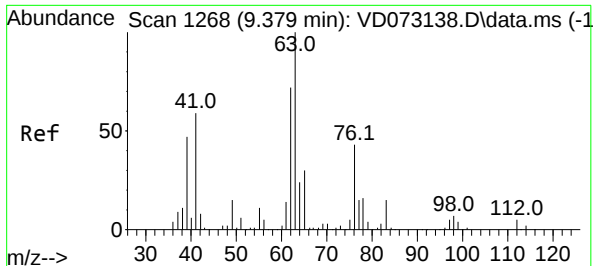
Tgt Ion:130 Resp: 84375

Ion Ratio Lower Upper

130 100

95 94.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 20.416 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

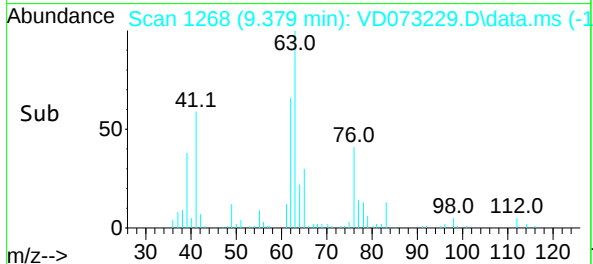
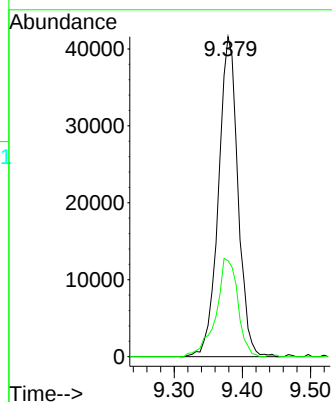
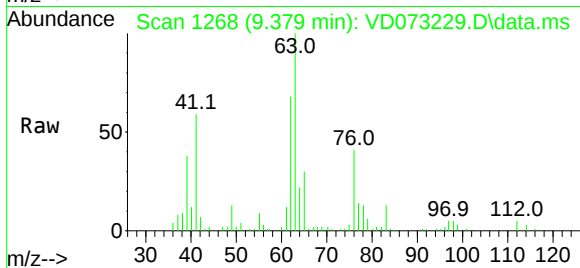
VD0521SBS01

Tgt Ion: 63 Resp: 82777

Ion Ratio Lower Upper

63 100

65 30.0 26.2 39.4



#46

Dibromomethane

Concen: 20.620 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

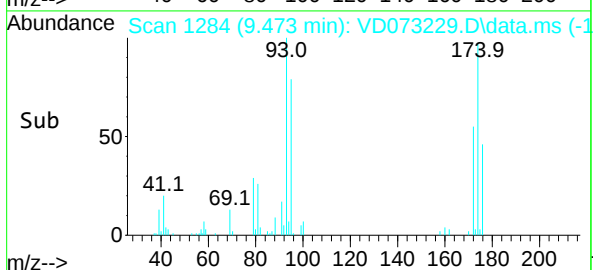
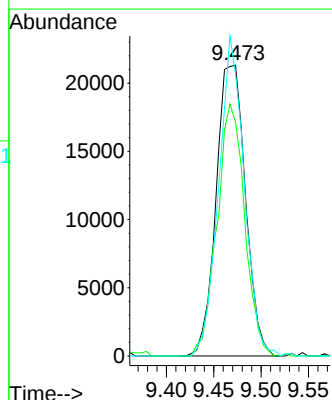
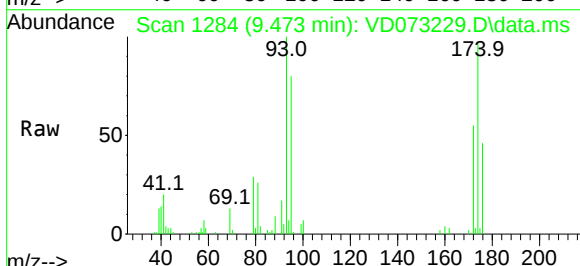
Tgt Ion: 93 Resp: 45917

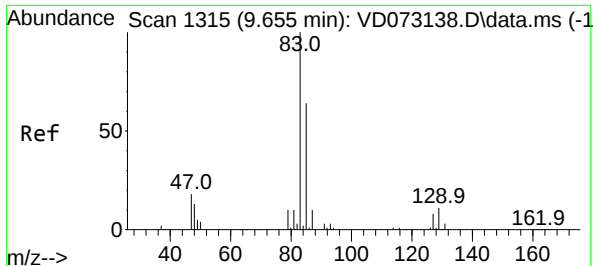
Ion Ratio Lower Upper

93 100

95 81.6 66.7 100.1

174 95.8 71.6 107.4

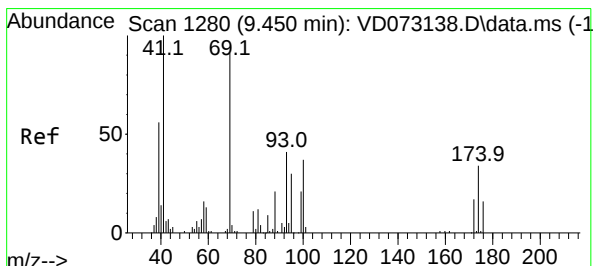
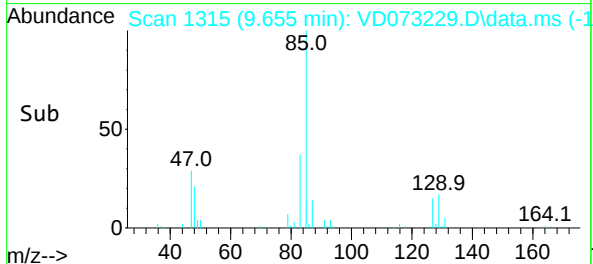
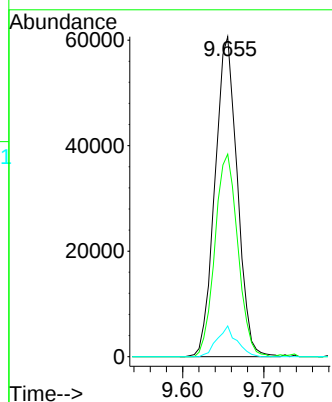
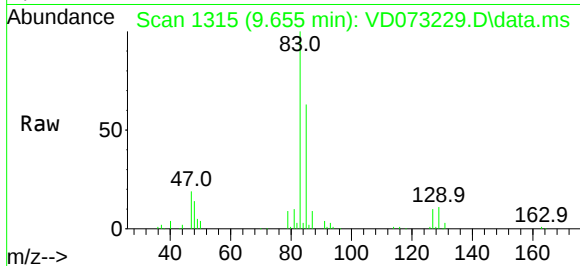




#47
Bromodichloromethane
Concen: 20.345 ug/l
RT: 9.655 min Scan# 115918
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

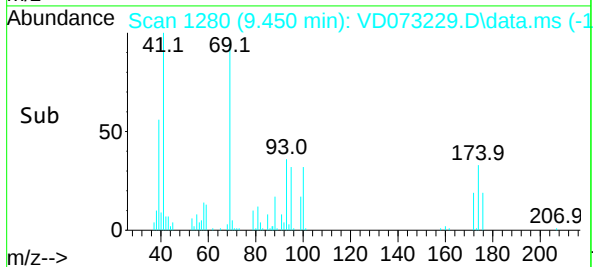
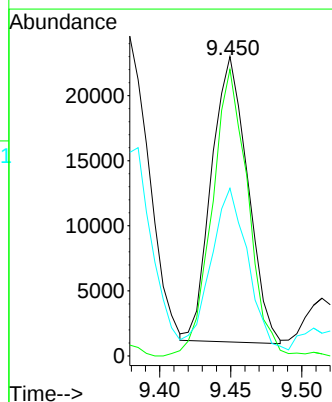
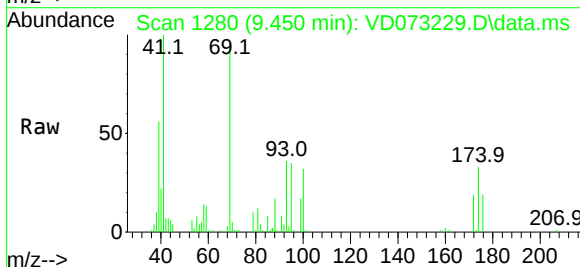
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

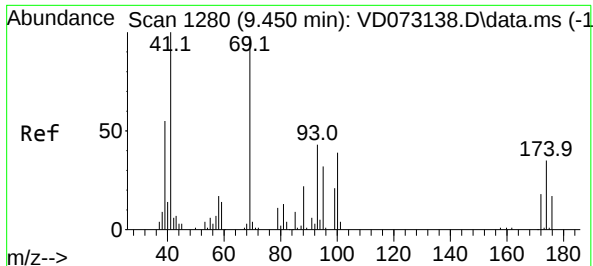
Tgt Ion: 83 Resp: 115918
Ion Ratio Lower Upper
83 100
85 63.3 51.4 77.0
127 9.6 6.1 9.1#



#48
Methyl methacrylate
Concen: 18.965 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 41 Resp: 38914
Ion Ratio Lower Upper
41 100
69 99.4 56.7 85.1#
39 61.6 42.7 64.1





#49

1,4-Dioxane

Concen: 473.816 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

Tgt Ion: 88 Resp: 10896

Ion Ratio Lower Upper

88 100

43 35.1

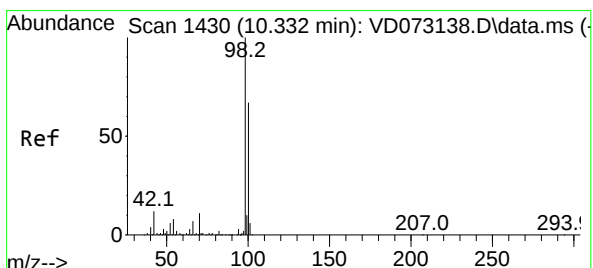
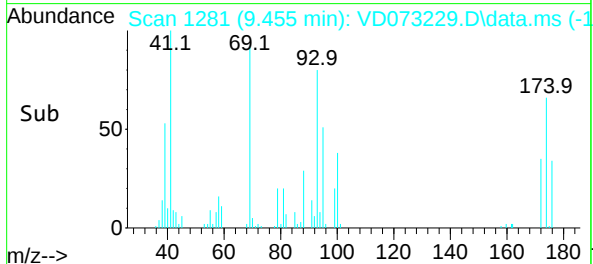
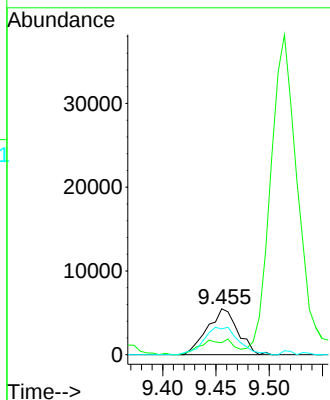
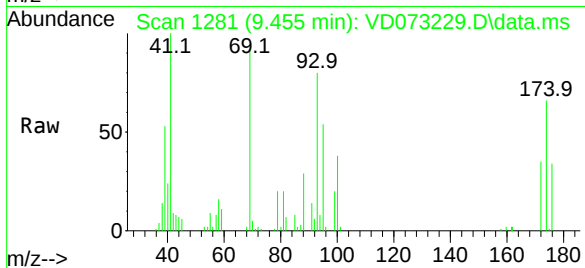
58 67.4

31.0

58.1

46.4

87.1



#50

Toluene-d8

Concen: 54.605 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Tgt Ion: 98 Resp: 747645

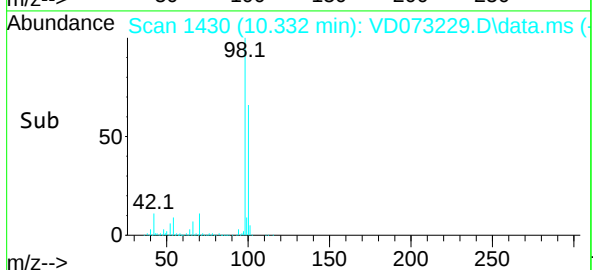
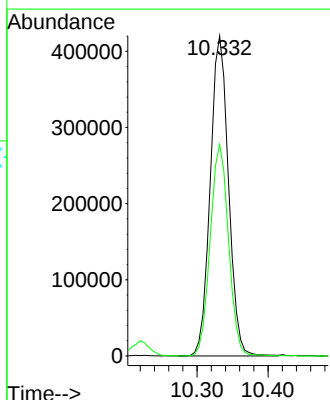
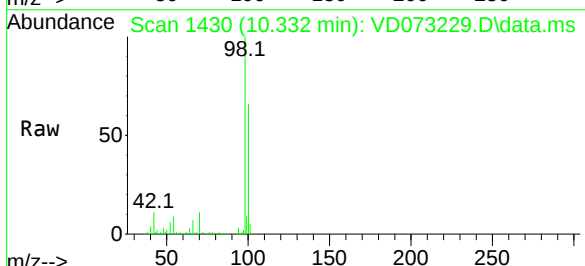
Ion Ratio Lower Upper

98 100

100 66.4

52.4

78.6

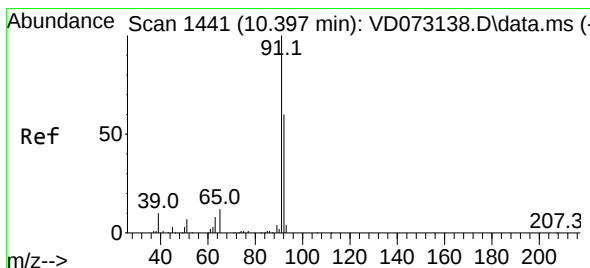
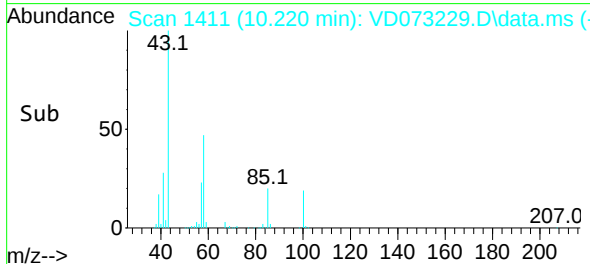
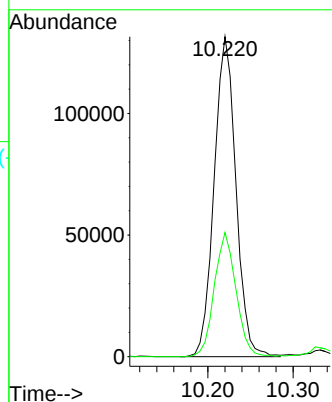
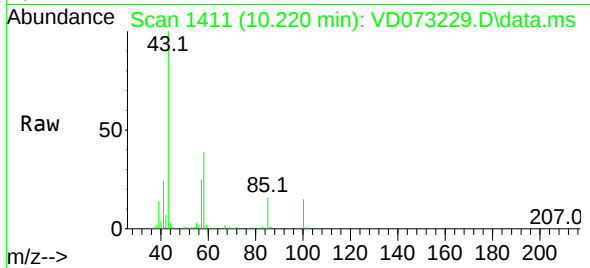




#51
4-Methyl-2-Pentanone
Concen: 110.184 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

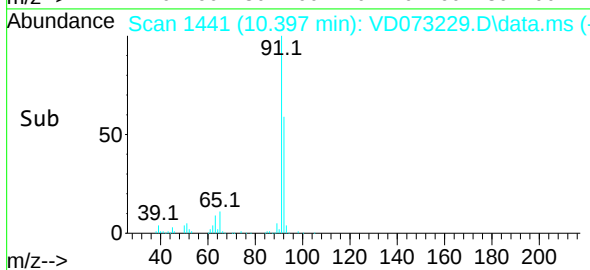
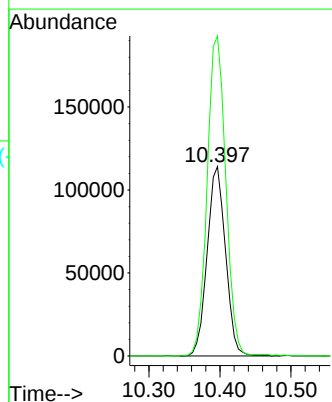
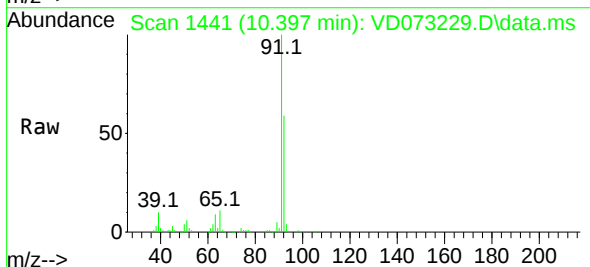
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

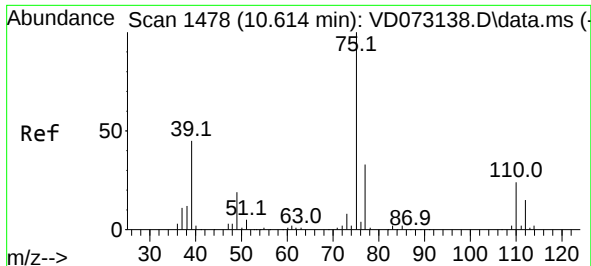
Tgt Ion: 43 Resp: 233401
Ion Ratio Lower Upper
43 100
58 38.8 28.6 43.0



#52
Toluene
Concen: 20.180 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 92 Resp: 205307
Ion Ratio Lower Upper
92 100
91 170.7 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 20.287 ug/l

RT: 10.608 min Scan# 1477

Delta R.T. -0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

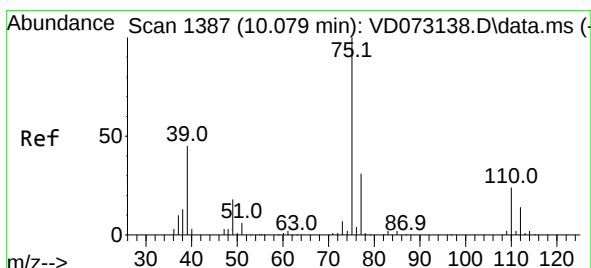
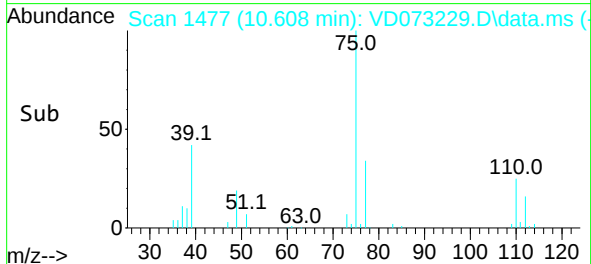
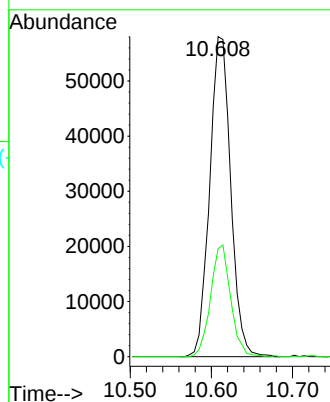
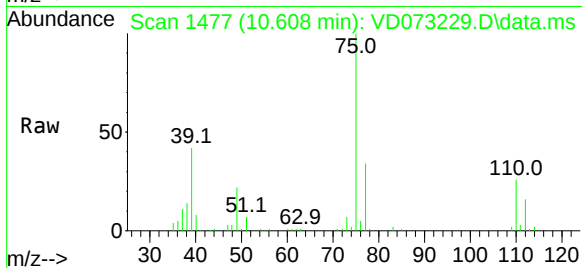
VD0521SBS01

Tgt Ion: 75 Resp: 104428

Ion Ratio Lower Upper

75 100

77 33.7 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 19.689 ug/l

RT: 10.079 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

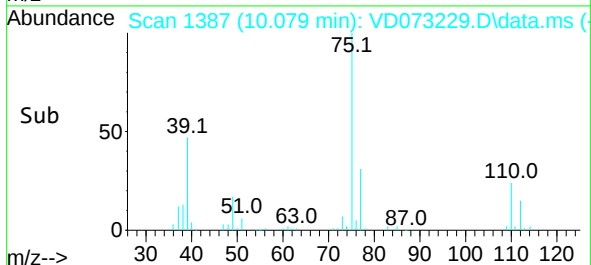
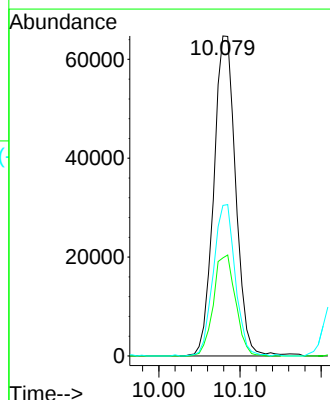
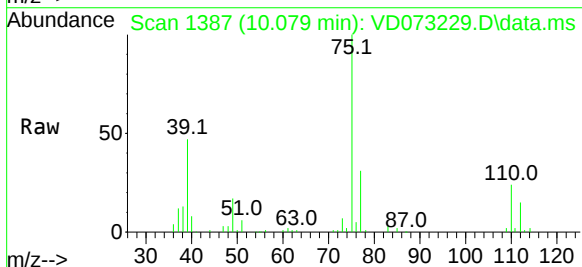
Tgt Ion: 75 Resp: 121279

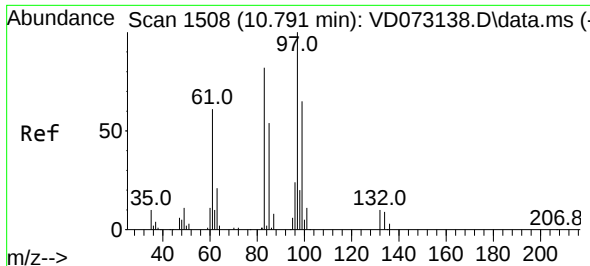
Ion Ratio Lower Upper

75 100

77 30.6 24.8 37.2

39 47.1 46.8 70.2

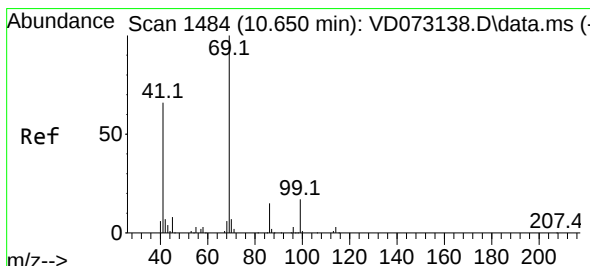
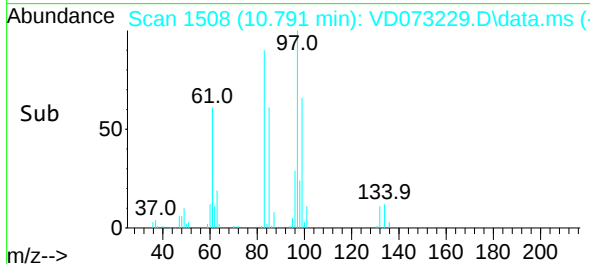
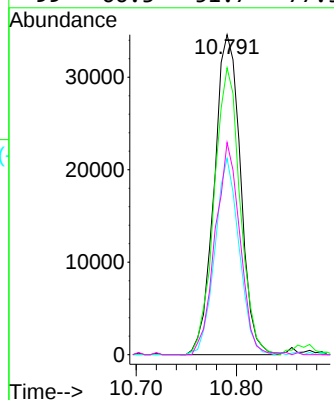
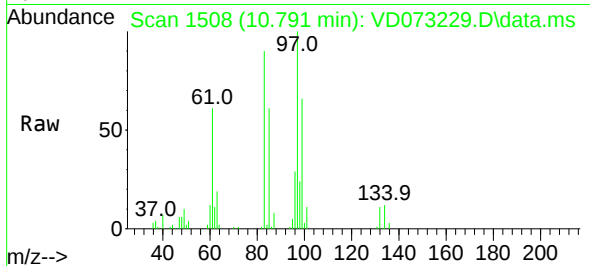




#55
1,1,2-Trichloroethane
Concen: 20.883 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

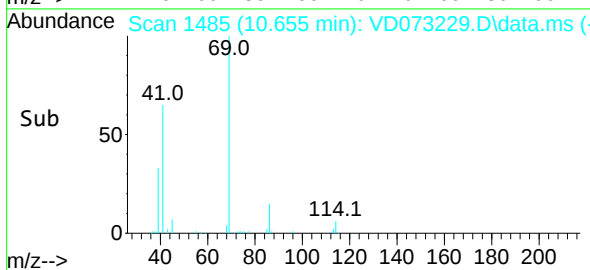
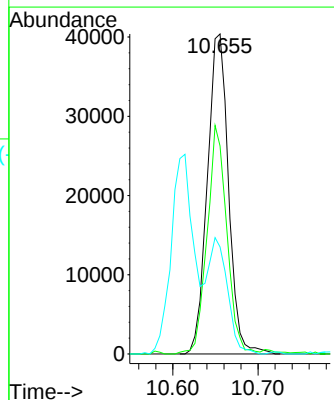
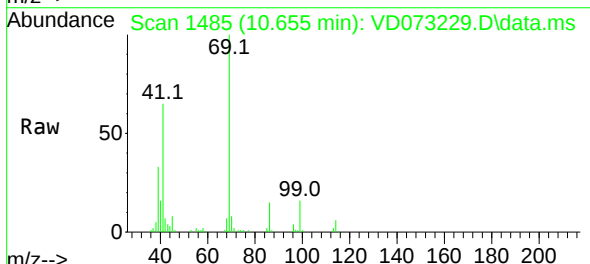
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

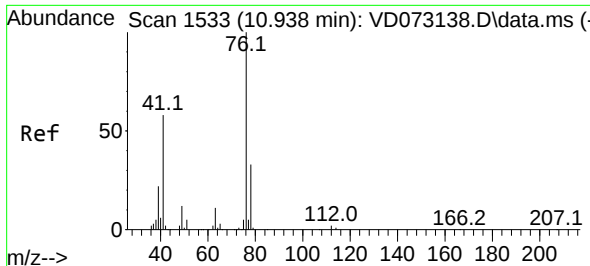
Tgt Ion:	97	Resp:	62884
Ion	Ratio	Lower	Upper
97	100		
83	89.6	69.0	103.4
85	61.3	42.6	63.8
99	66.3	51.7	77.5



#56
Ethyl methacrylate
Concen: 20.834 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion:	69	Resp:	69753
Ion	Ratio	Lower	Upper
69	100		
41	66.6	63.0	94.6
39	30.9	33.8	50.8

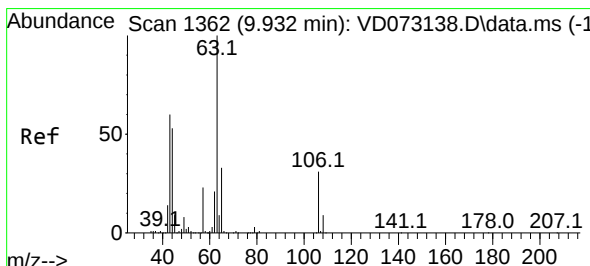
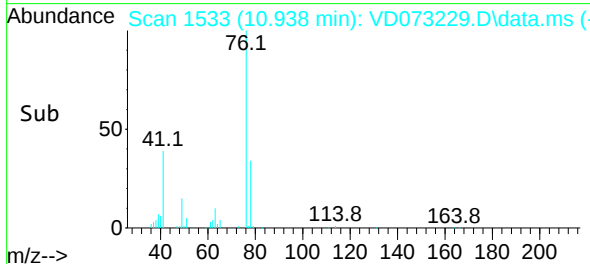
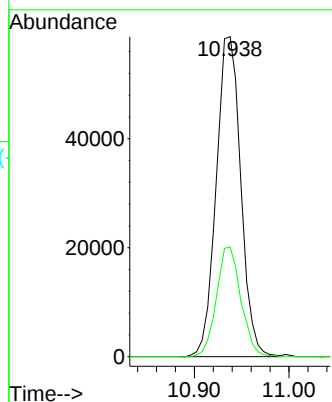
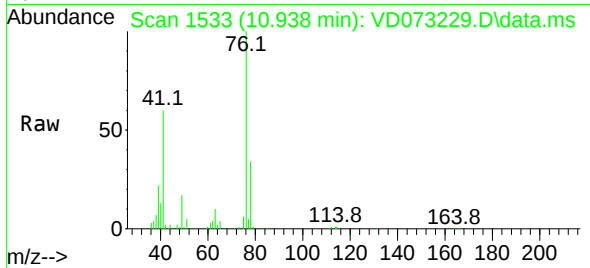




#57
1,3-Dichloropropane
Concen: 20.938 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

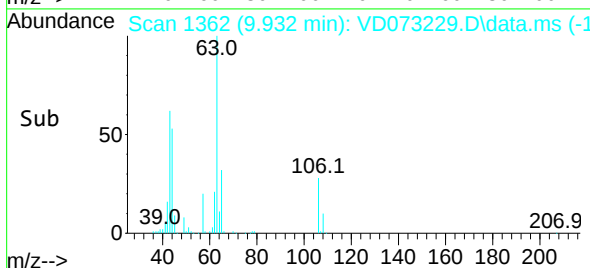
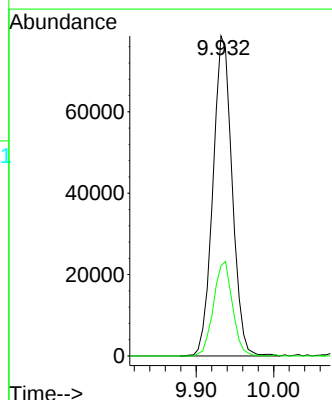
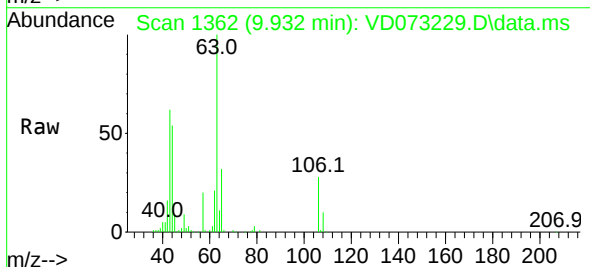
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

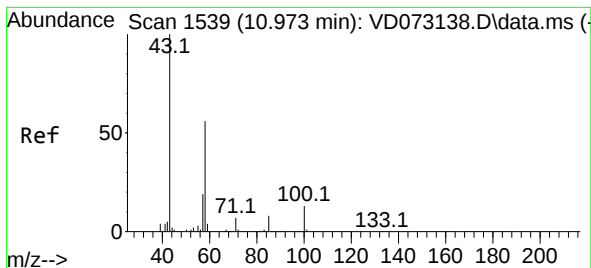
Tgt Ion: 76 Resp: 105793
Ion Ratio Lower Upper
76 100
78 34.1 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 99.450 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 63 Resp: 135520
Ion Ratio Lower Upper
63 100
106 29.0 21.4 32.0

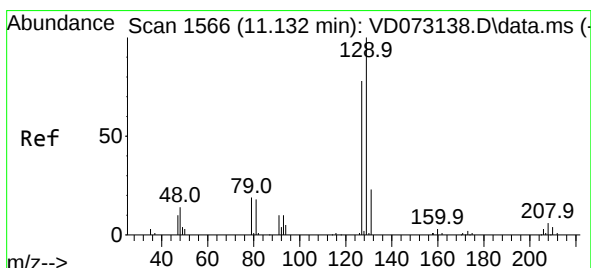
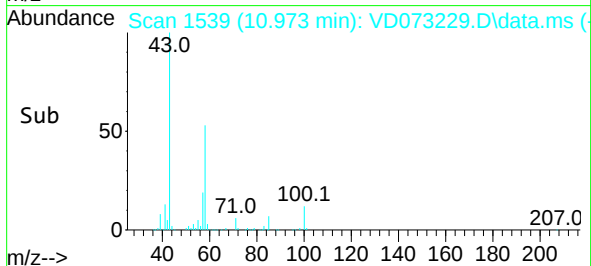
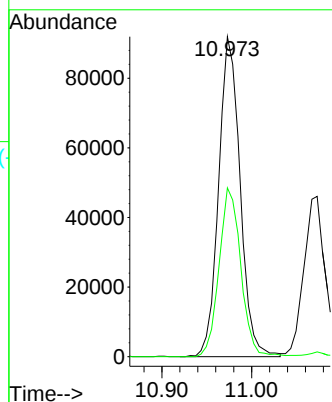
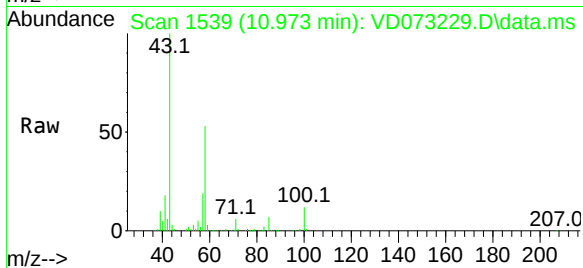




#59
2-Hexanone
Concen: 109.552 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

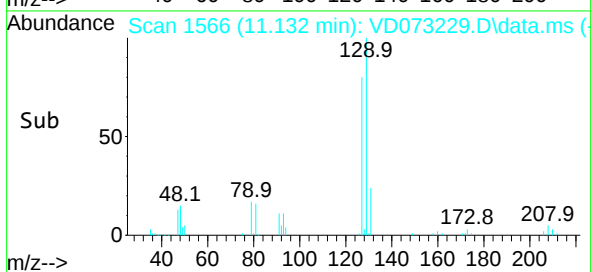
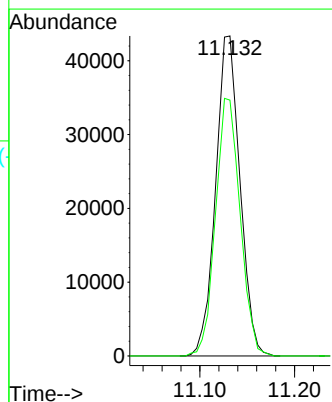
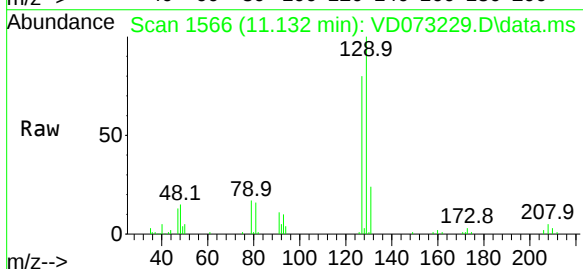
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

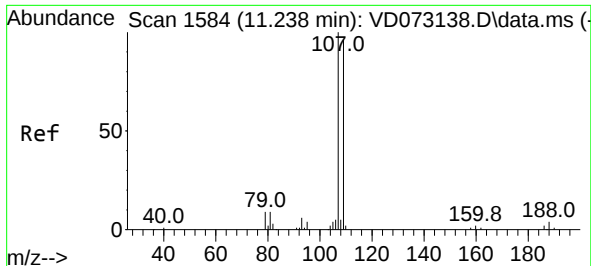
Tgt Ion: 43 Resp: 152995
Ion Ratio Lower Upper
43 100
58 53.5 25.3 75.9



#60
Dibromochloromethane
Concen: 20.676 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion:129 Resp: 77633
Ion Ratio Lower Upper
129 100
127 81.3 39.2 117.6

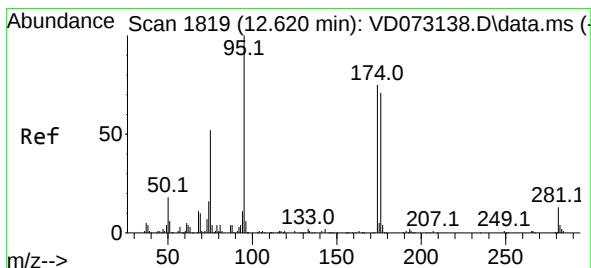
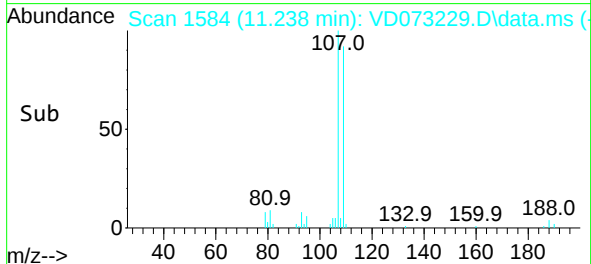
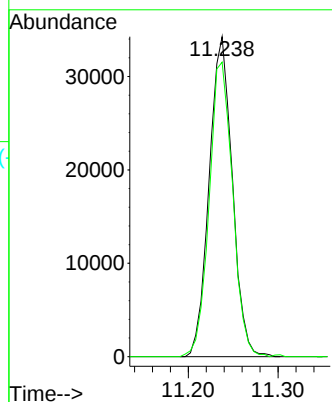
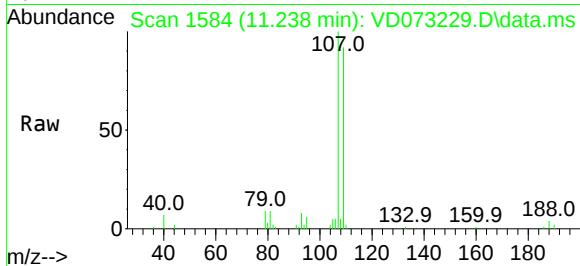




#61
1,2-Dibromoethane
Concen: 21.317 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

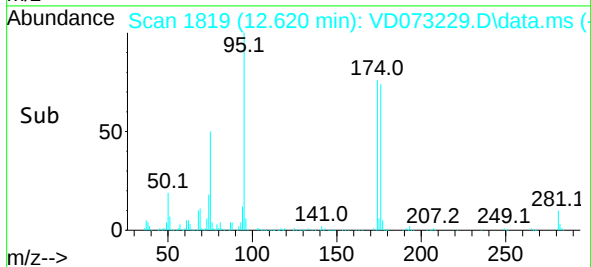
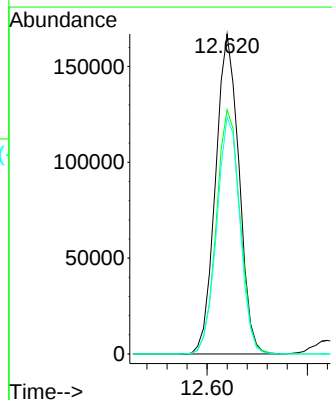
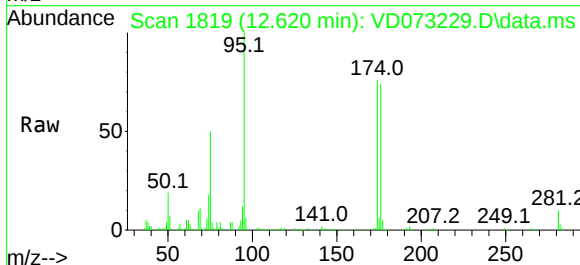
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

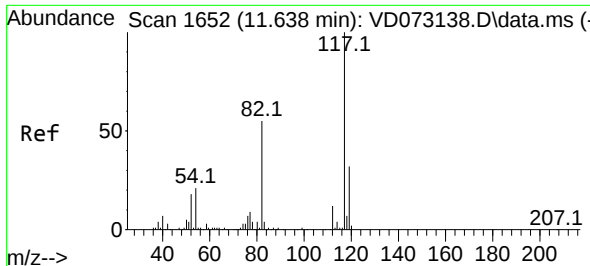
Tgt Ion:107 Resp: 61338
Ion Ratio Lower Upper
107 100
109 93.2 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.336 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

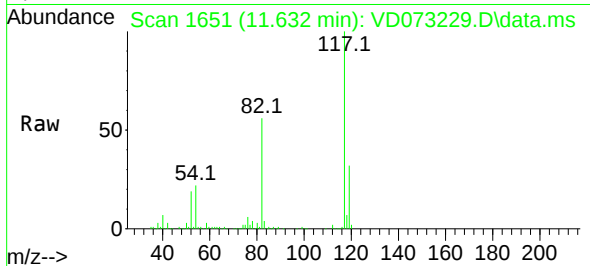
Tgt Ion: 95 Resp: 270695
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 73.2 0.0 145.4



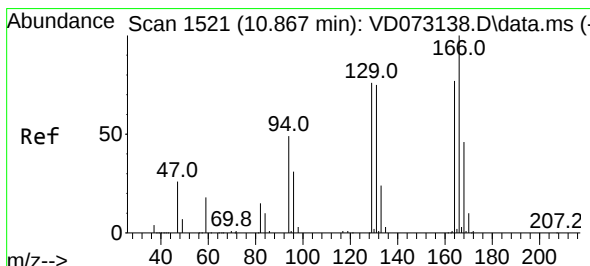
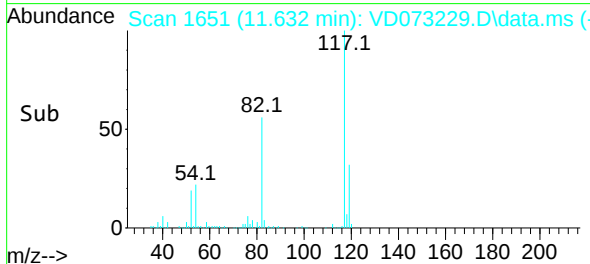
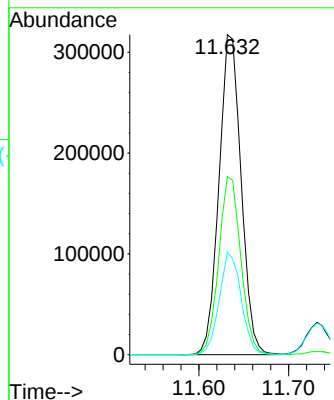


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

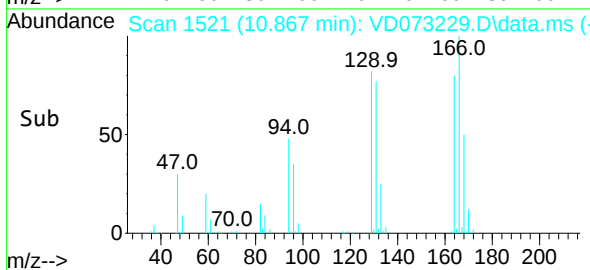
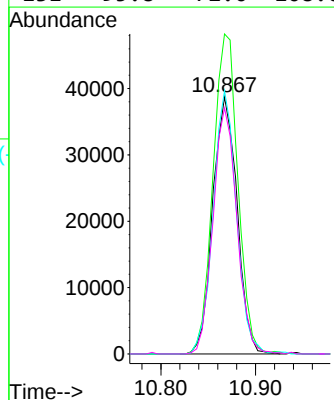
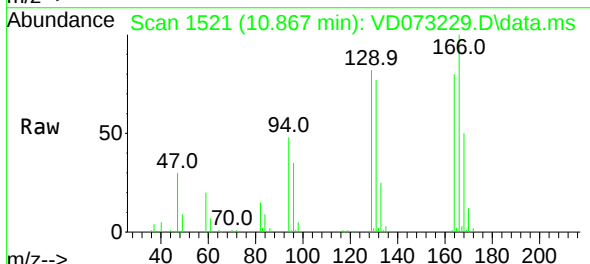


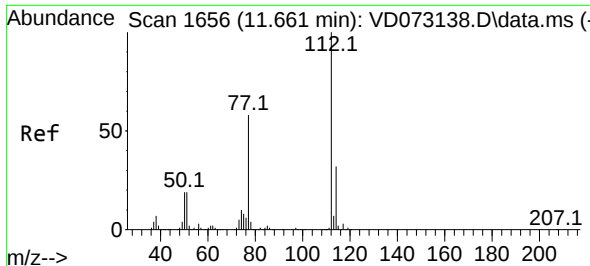
Tgt Ion:117 Resp: 543986
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 32.0 26.6 40.0



#64
Tetrachloroethene
Concen: 19.385 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion:164 Resp: 69070
Ion Ratio Lower Upper
164 100
166 124.6 98.5 147.7
129 102.5 74.6 111.8
131 95.8 72.0 108.0

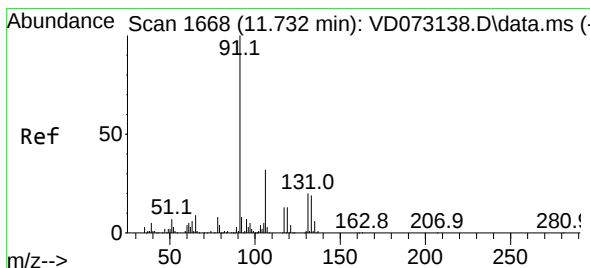
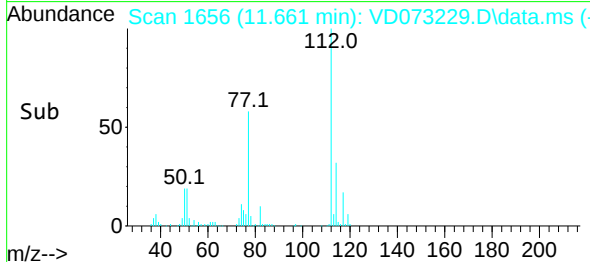
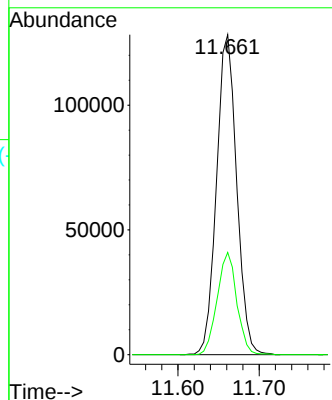
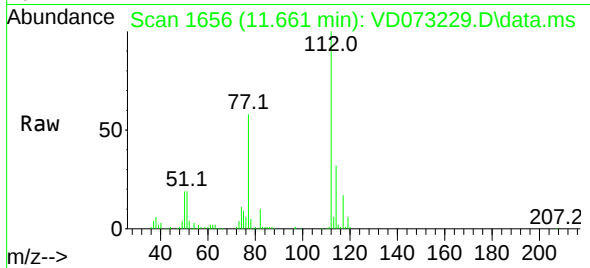




#65
Chlorobenzene
Concen: 19.824 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

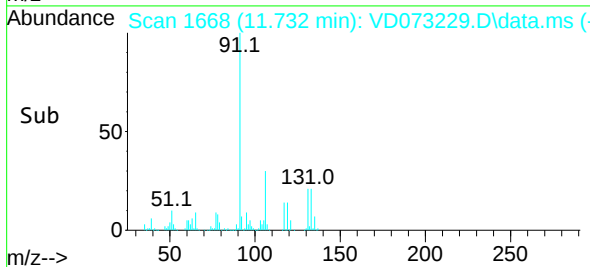
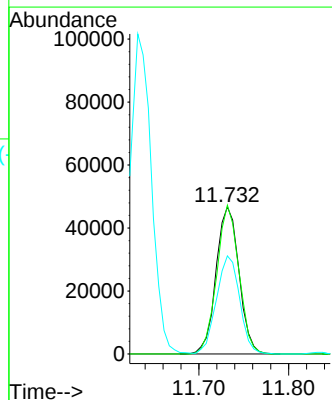
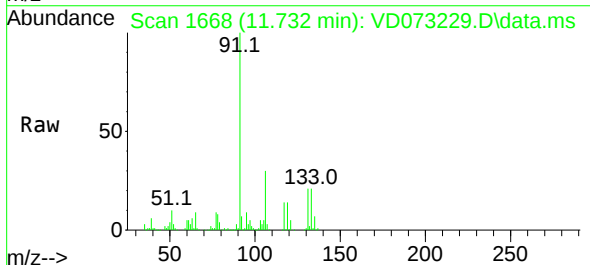
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

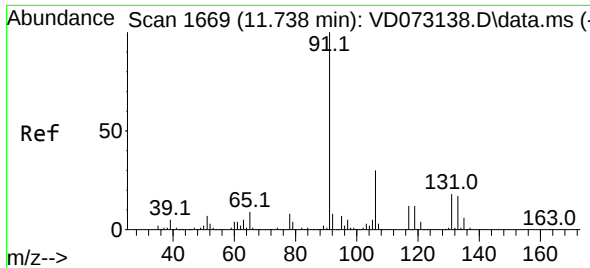
Tgt Ion:112 Resp: 221226
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.009 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion:131 Resp: 82815
Ion Ratio Lower Upper
131 100
133 97.8 48.1 144.3
119 67.6 31.9 95.9

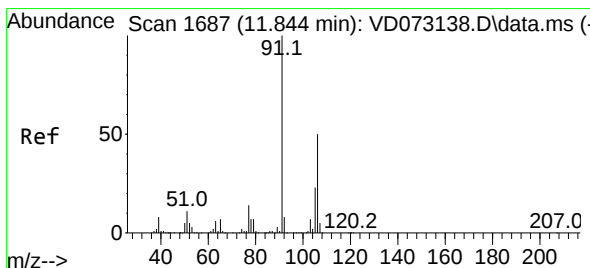
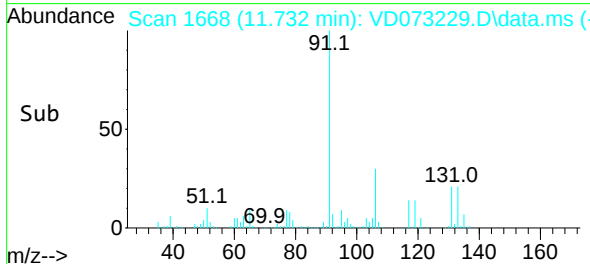
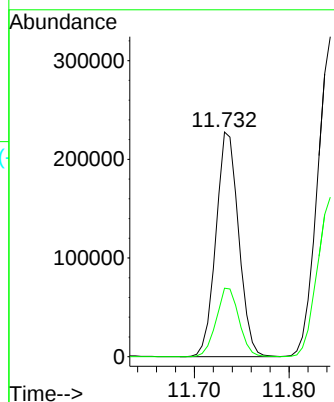
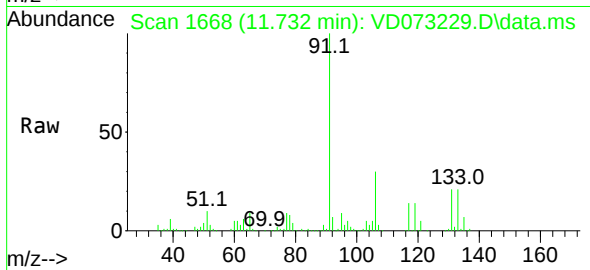




#67
Ethyl Benzene
Concen: 19.382 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

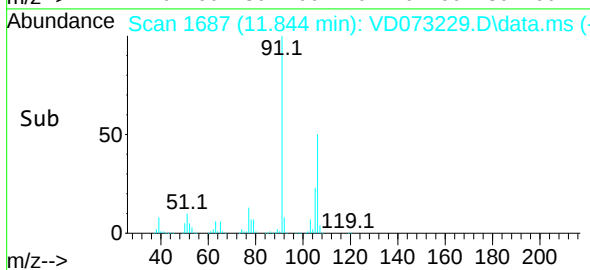
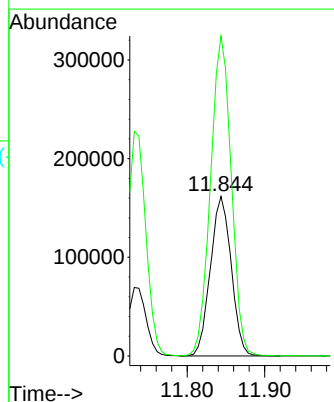
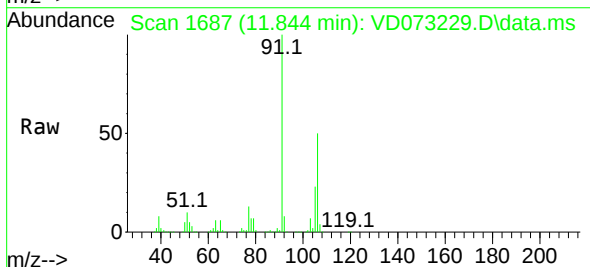
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

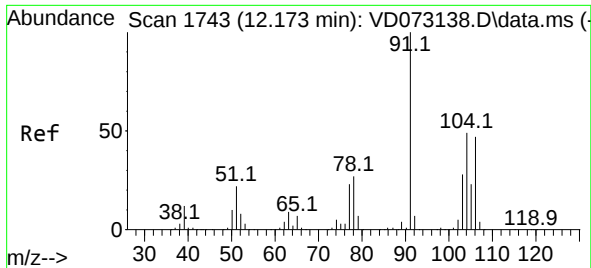
Tgt Ion: 91 Resp: 379704
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 39.589 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 106 Resp: 301318
Ion Ratio Lower Upper
106 100
91 200.2 163.7 245.5

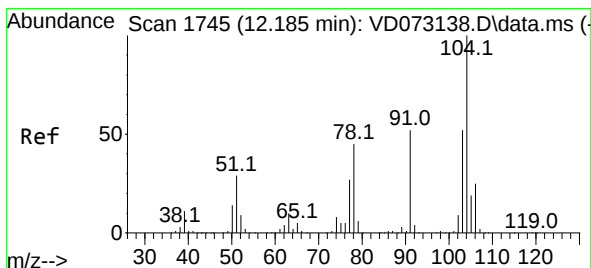
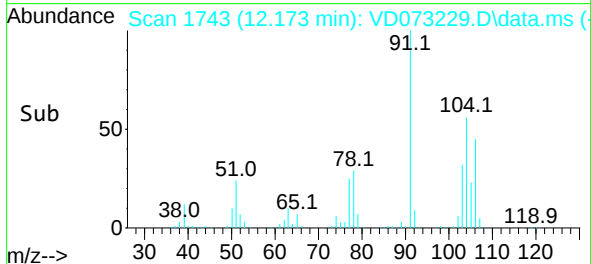
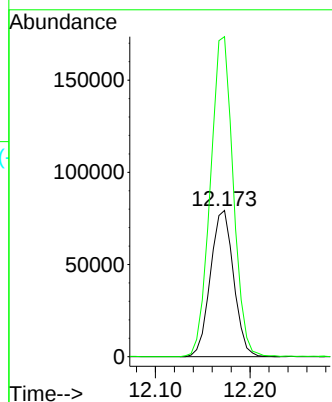
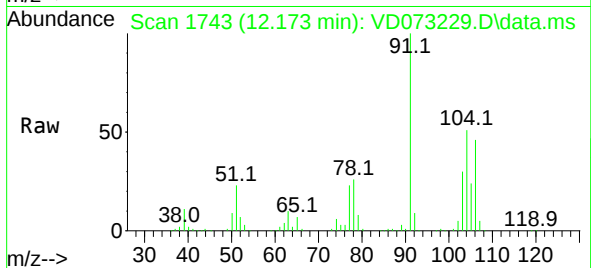




#69
o-Xylene
Concen: 19.280 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

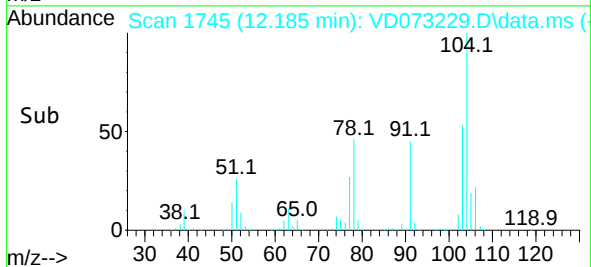
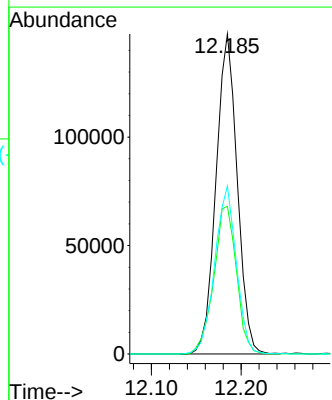
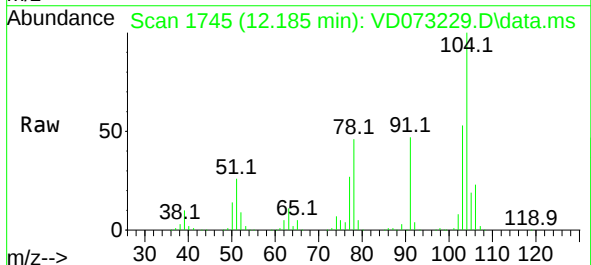
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

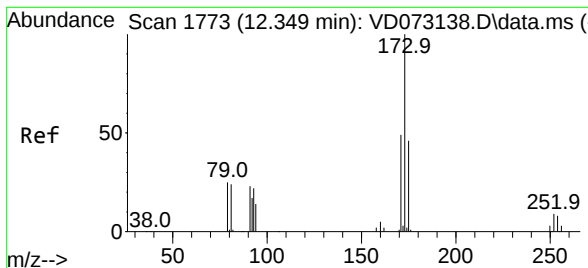
Tgt Ion:106 Resp: 134807
Ion Ratio Lower Upper
106 100
91 216.1 110.4 331.2



#70
Styrene
Concen: 20.137 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion:104 Resp: 242244
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 53.6 44.2 66.4





#71

Bromoform

Concen: 21.842 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

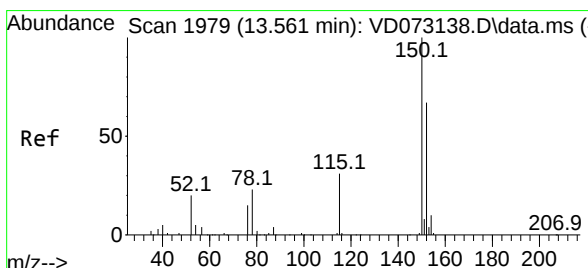
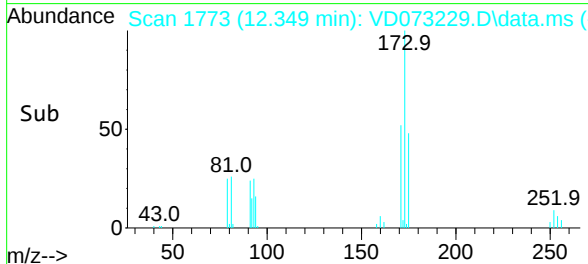
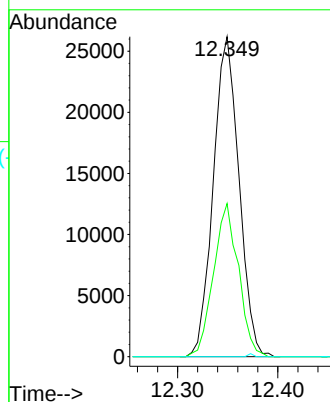
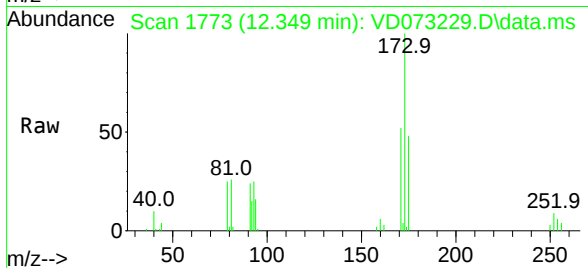
Tgt Ion:173 Resp: 46525

Ion Ratio Lower Upper

173 100

175 46.4 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: VD073229.D

Acq: 21 May 2022 14:57

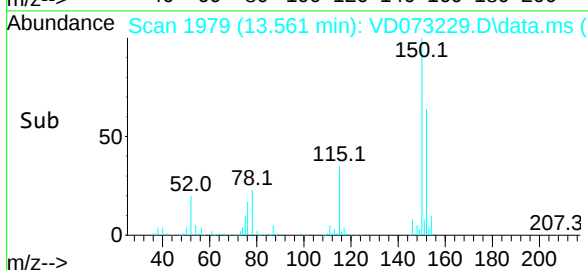
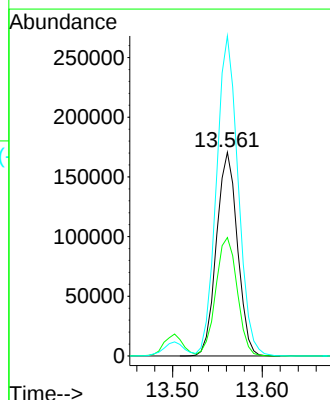
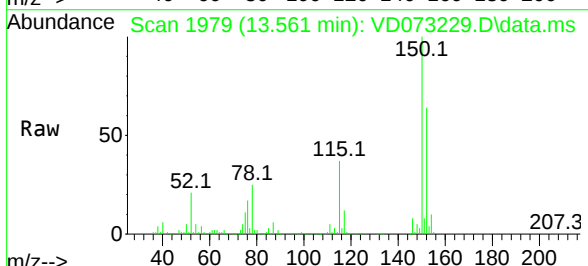
Tgt Ion:152 Resp: 276481

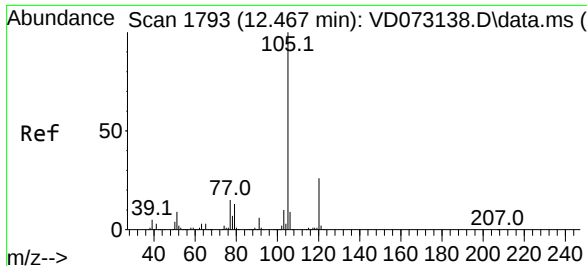
Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 162.9 0.0 348.6

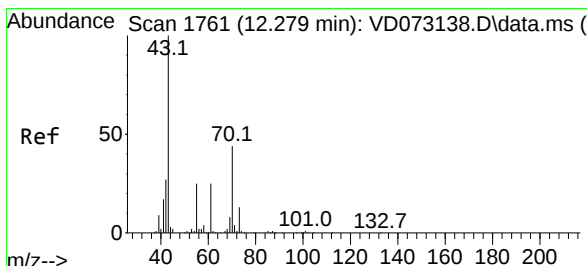
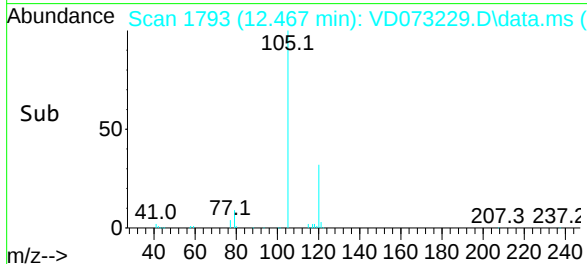
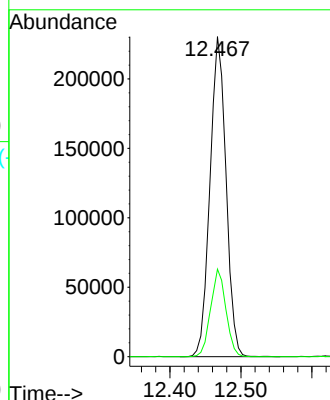
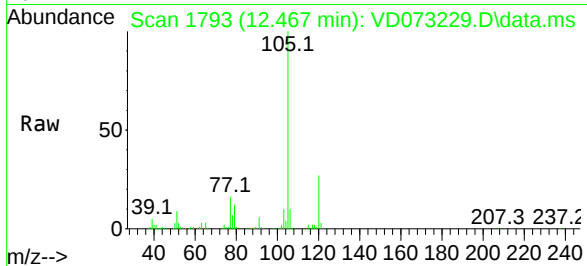




#73
Isopropylbenzene
Concen: 18.398 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

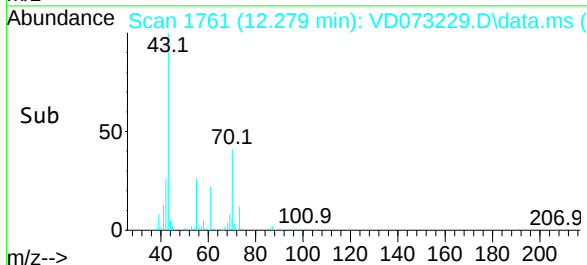
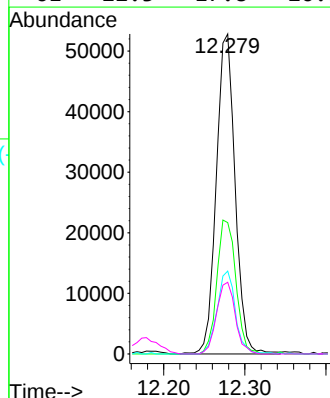
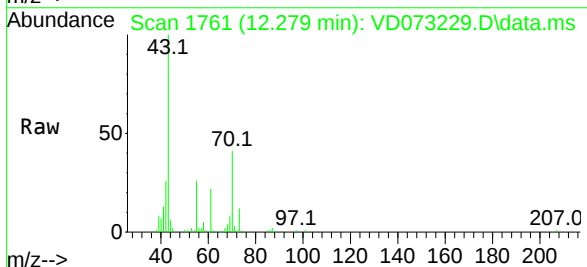
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

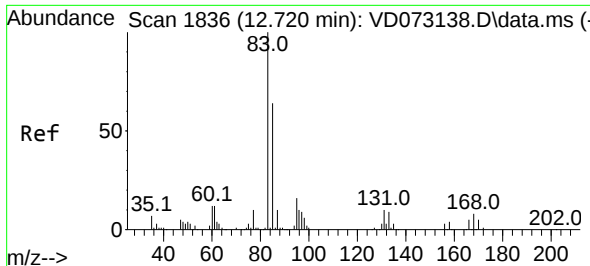
Tgt Ion:105 Resp: 362624
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9



#74
N-ethyl acetate
Concen: 19.826 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 43 Resp: 85249
Ion Ratio Lower Upper
43 100
70 42.2 31.3 46.9
55 25.3 20.0 30.0
61 22.3 17.8 26.8

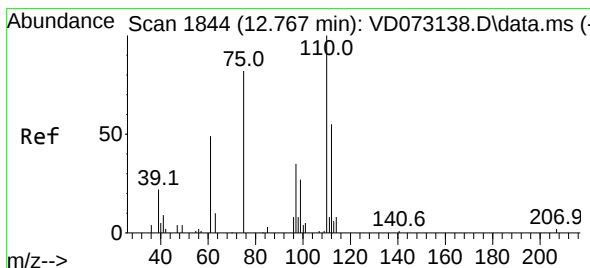
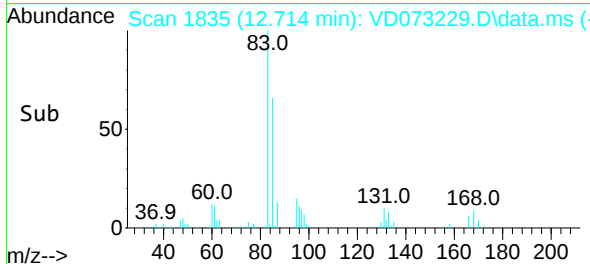
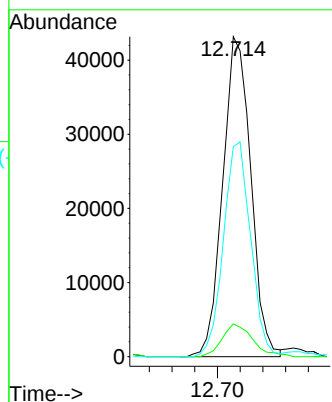
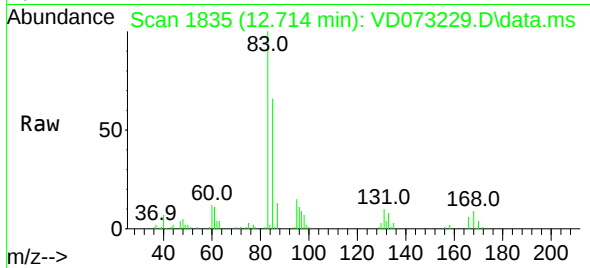




#75
1,1,2,2-Tetrachloroethane
Concen: 20.389 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

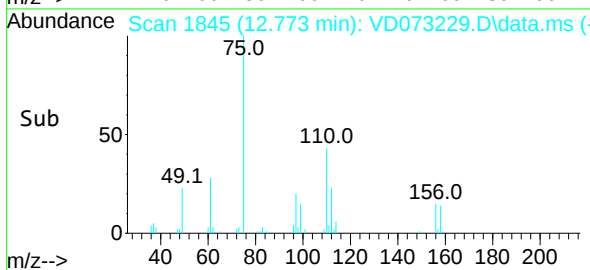
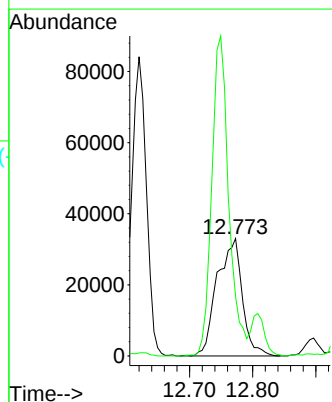
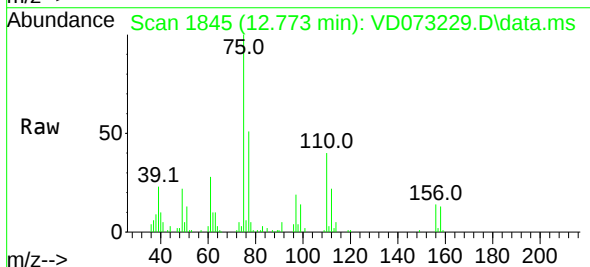
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

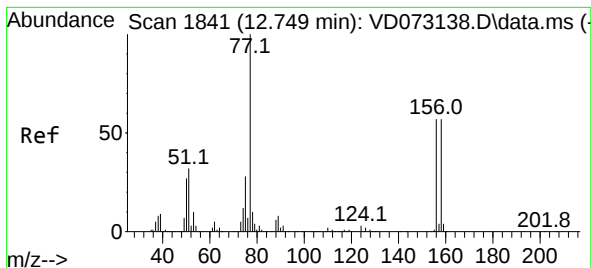
Tgt Ion: 83 Resp: 74116
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 65.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.685 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 75 Resp: 91380
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.823 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

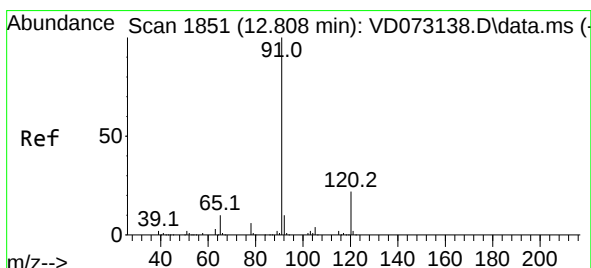
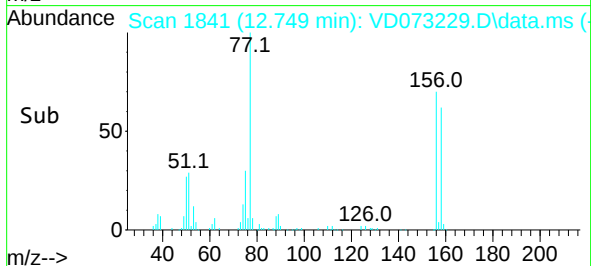
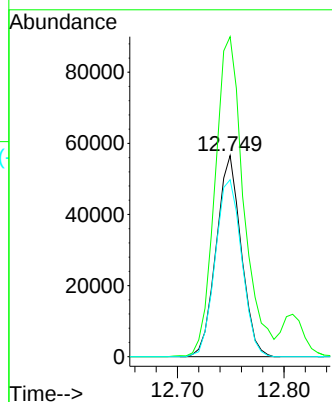
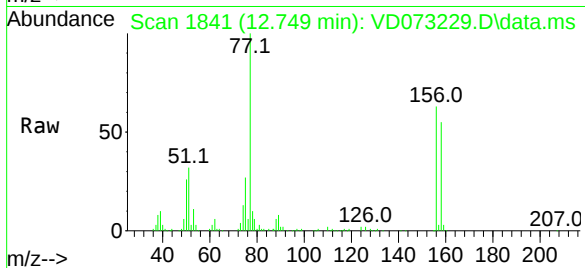
Tgt Ion:156 Resp: 91975

Ion Ratio Lower Upper

156 100

77 183.2 102.8 308.3

158 93.4 48.7 146.1



#78

n-propylbenzene

Concen: 18.873 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073229.D

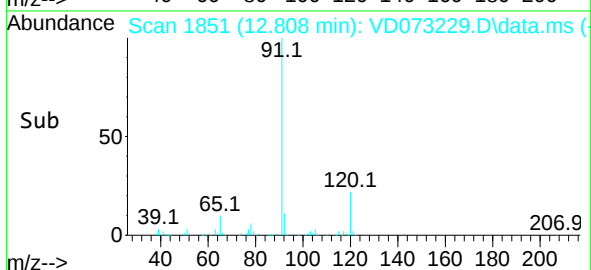
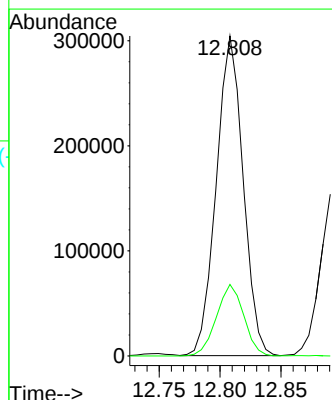
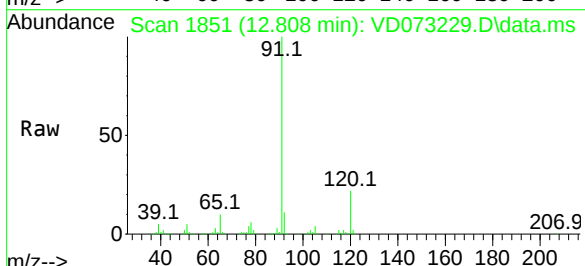
Acq: 21 May 2022 14:57

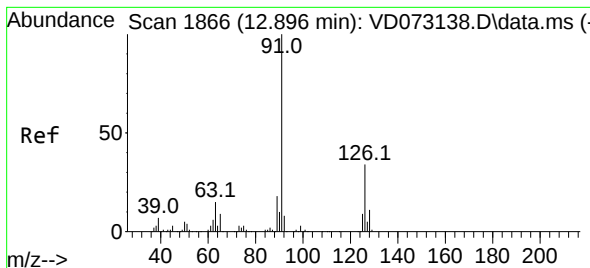
Tgt Ion: 91 Resp: 466994

Ion Ratio Lower Upper

91 100

120 22.7 10.9 32.9





#79

2-Chlorotoluene

Concen: 18.861 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

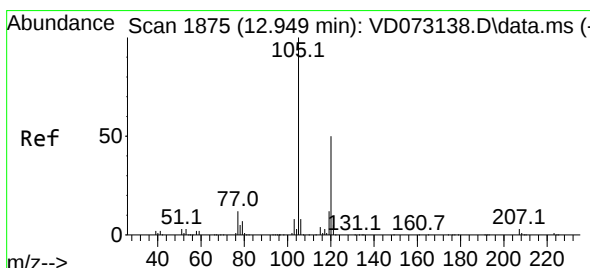
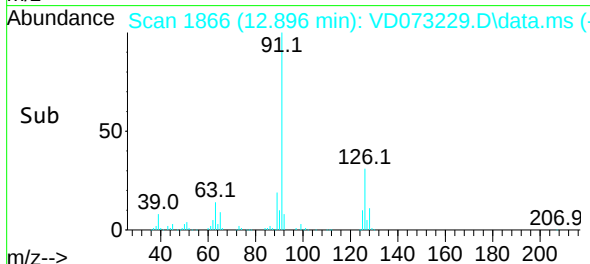
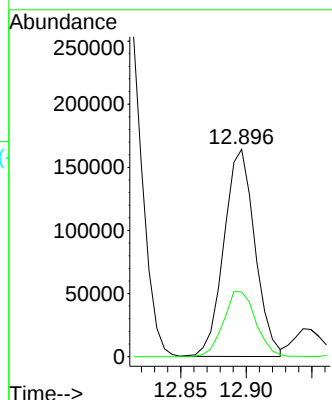
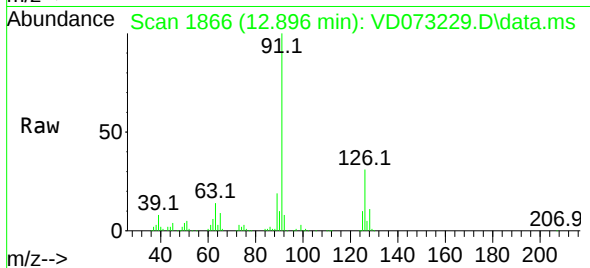
VD0521SBS01

Tgt Ion: 91 Resp: 269471

Ion Ratio Lower Upper

91 100

126 32.8 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 19.111 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073229.D

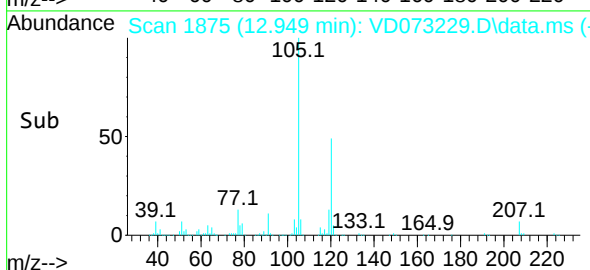
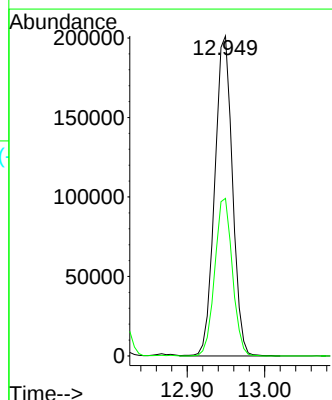
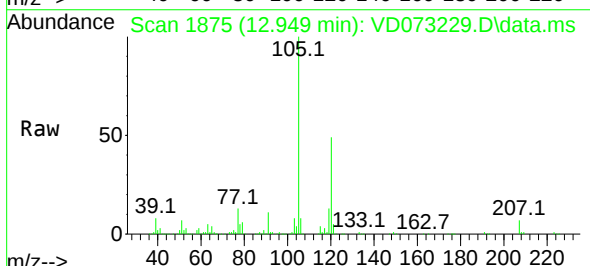
Acq: 21 May 2022 14:57

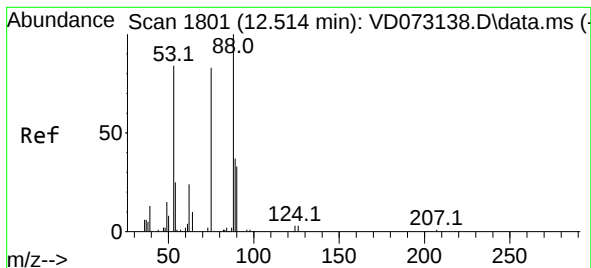
Tgt Ion: 105 Resp: 319094

Ion Ratio Lower Upper

105 100

120 49.0 24.3 72.8

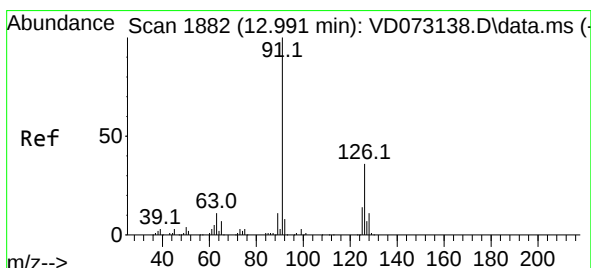
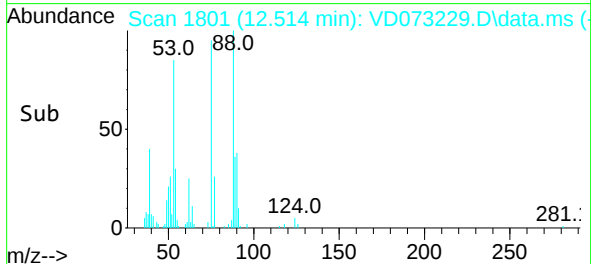
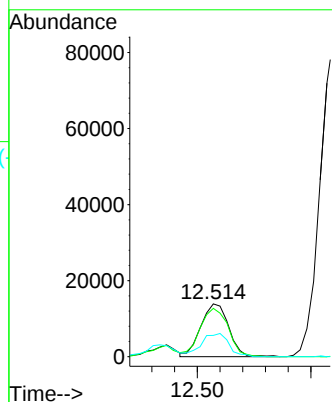
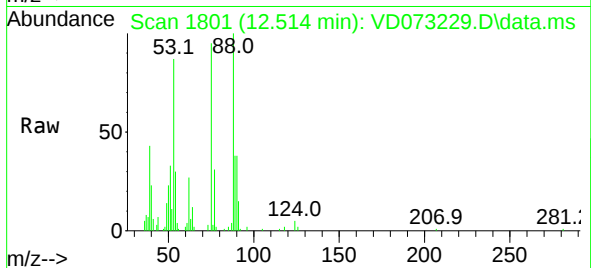




#81
trans-1,4-Dichloro-2-butene
Concen: 20.916 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

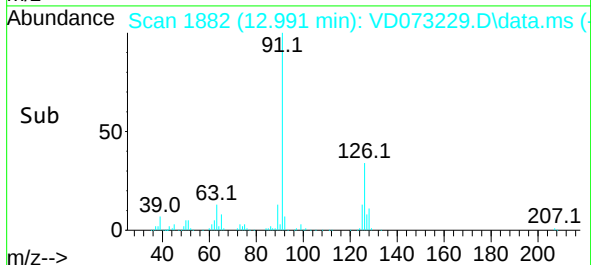
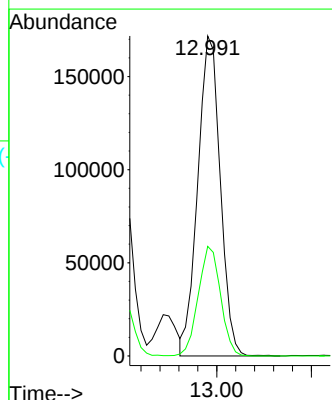
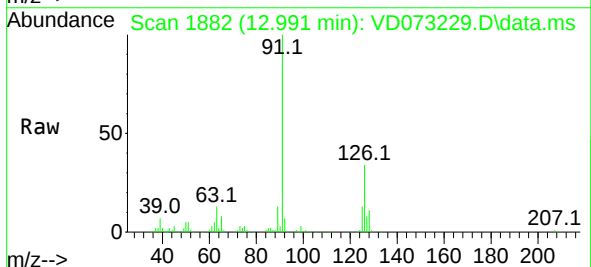
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

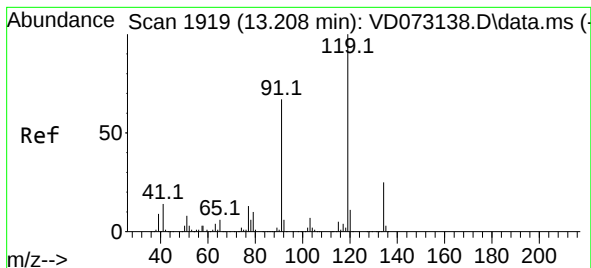
Tgt Ion: 75 Resp: 23635
Ion Ratio Lower Upper
75 100
53 93.5 86.5 129.7
89 42.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 18.904 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 91 Resp: 283095
Ion Ratio Lower Upper
91 100
126 34.0 16.5 49.5





#83

tert-Butylbenzene

Concen: 17.852 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

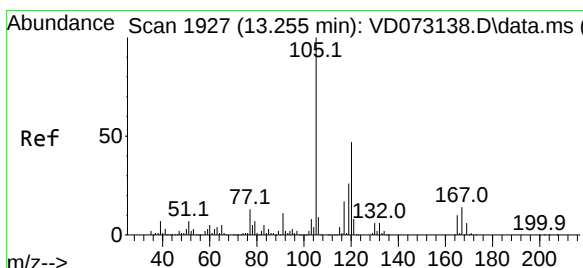
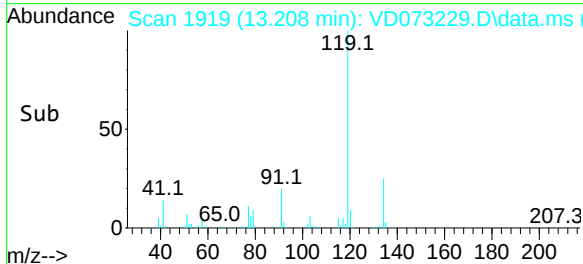
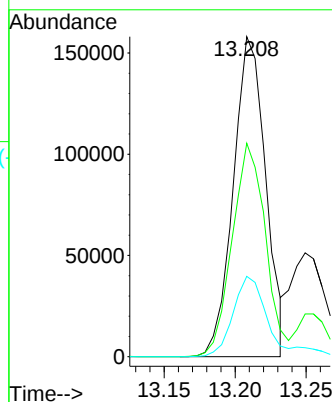
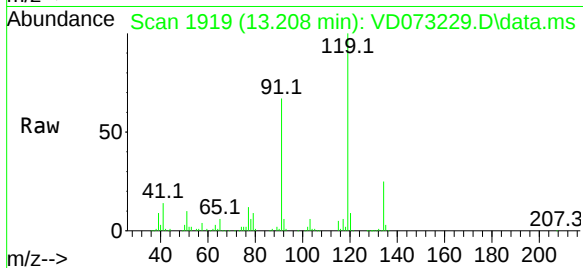
Tgt Ion:119 Resp: 251212

Ion Ratio Lower Upper

119 100

91 68.5 34.8 104.5

134 27.5 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.287 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073229.D

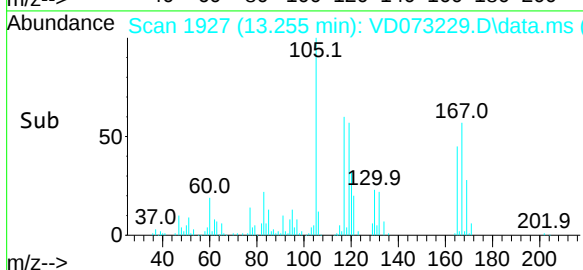
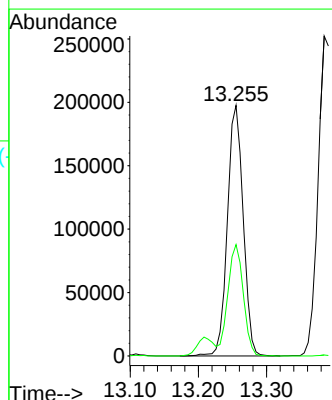
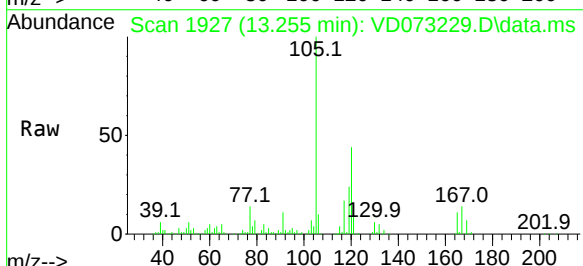
Acq: 21 May 2022 14:57

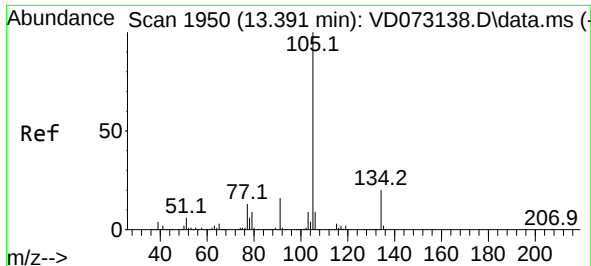
Tgt Ion:105 Resp: 318121

Ion Ratio Lower Upper

105 100

120 43.8 22.3 66.8

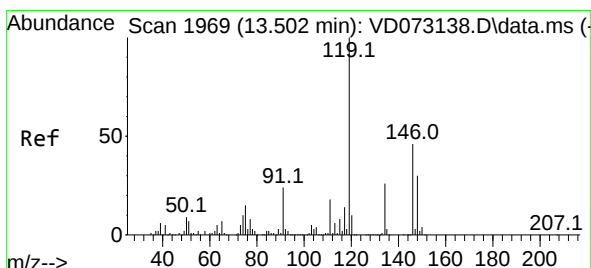
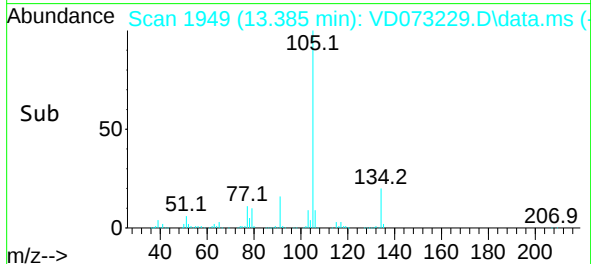
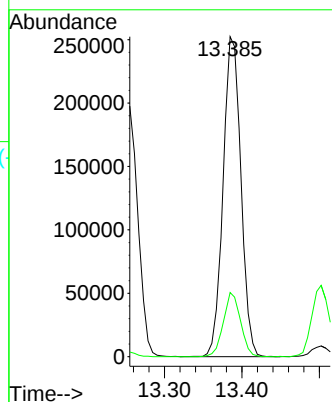
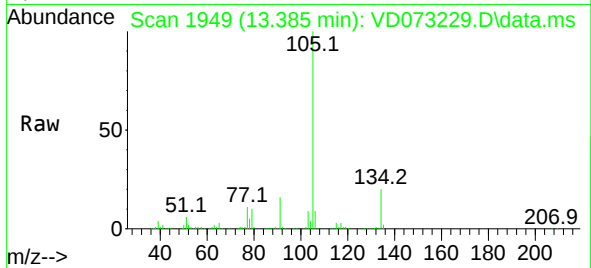




#85
 sec-Butylbenzene
 Concen: 18.809 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073229.D
 Acq: 21 May 2022 14:57

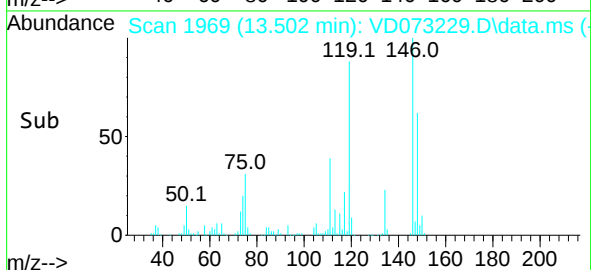
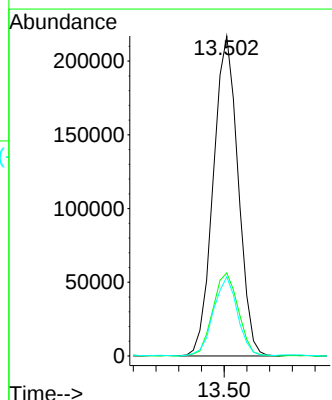
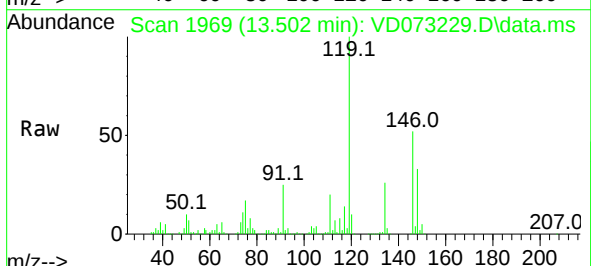
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBS01

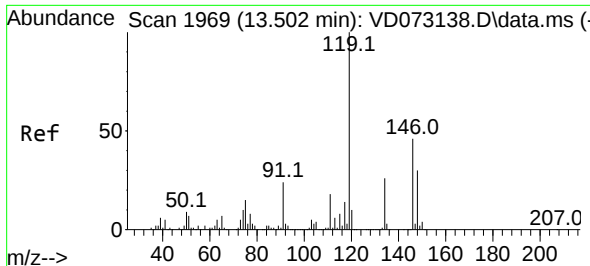
Tgt Ion:105 Resp: 404136
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.802 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073229.D
 Acq: 21 May 2022 14:57

Tgt Ion:119 Resp: 329315
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.6
 91 24.1 12.1 36.3

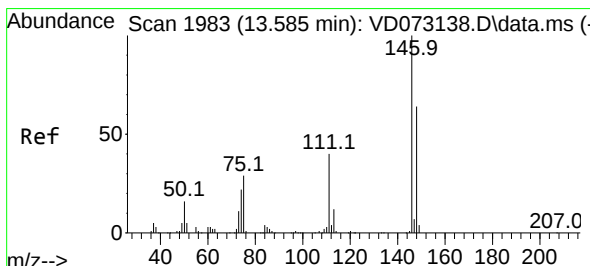
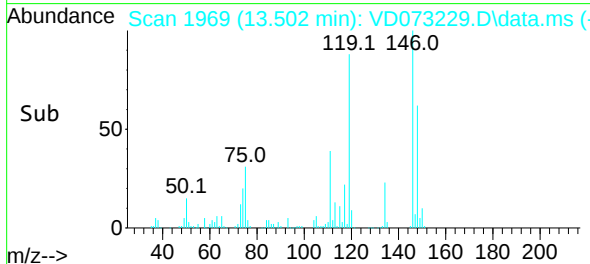
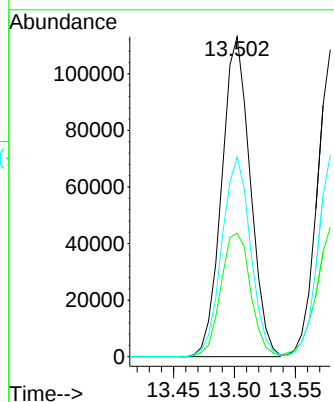
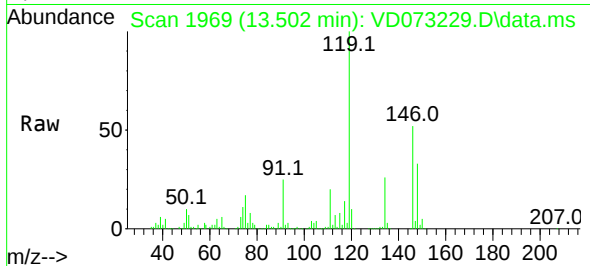




#87
1,3-Dichlorobenzene
Concen: 19.685 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

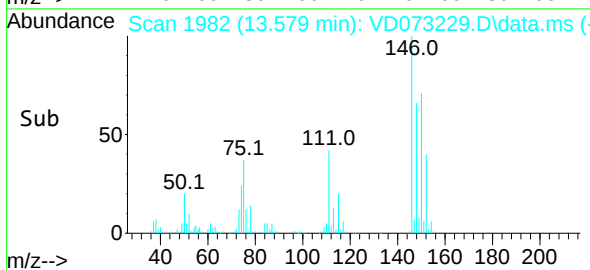
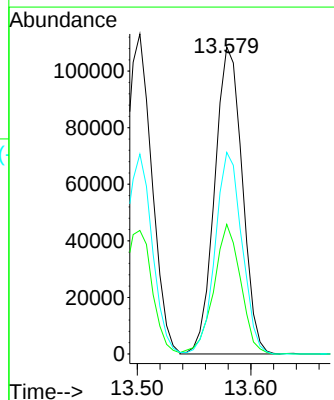
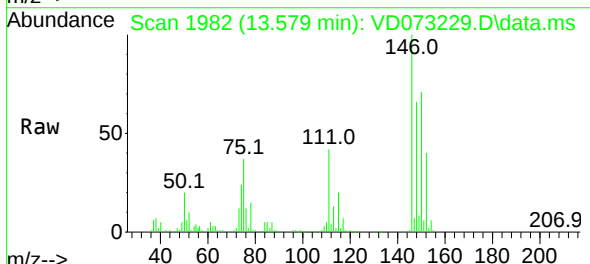
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

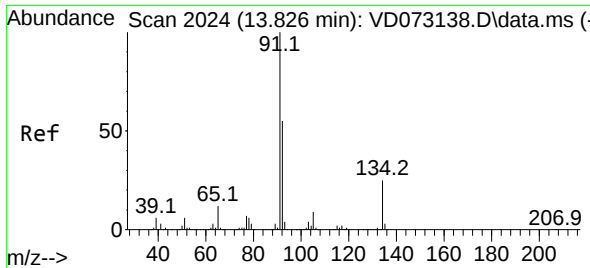
Tgt Ion:146 Resp: 184097
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 63.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.398 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion:146 Resp: 183127
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.9
148 63.5 31.7 95.1

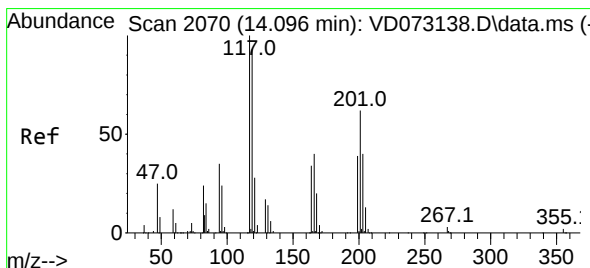
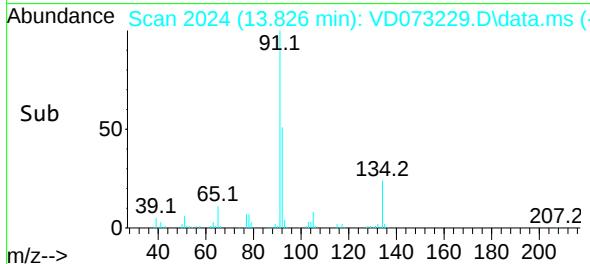
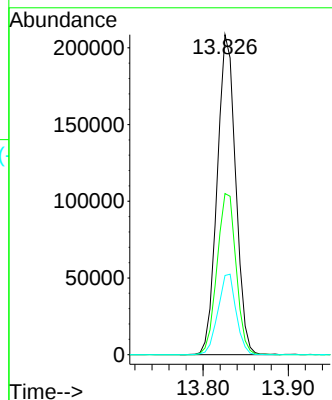
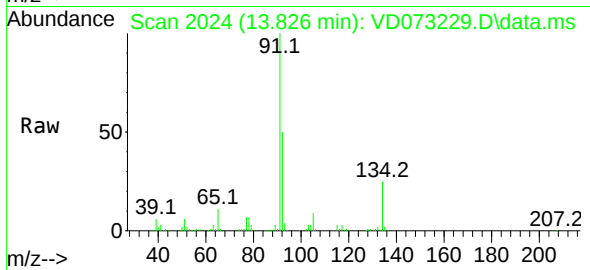




#89
n-Butylbenzene
Concen: 18.831 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

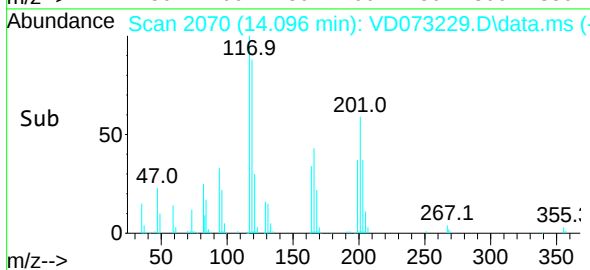
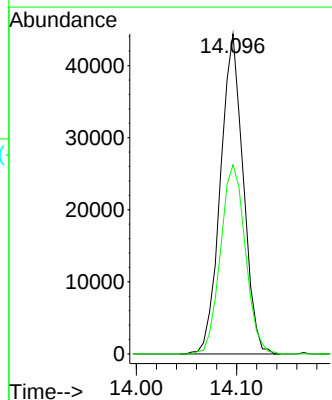
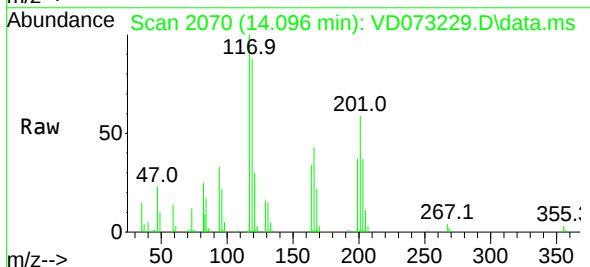
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

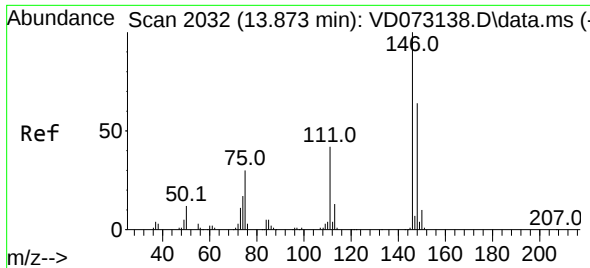
Tgt Ion: 91 Resp: 314254
Ion Ratio Lower Upper
91 100
92 51.9 26.6 79.8
134 24.8 12.3 36.9



#90
Hexachloroethane
Concen: 19.305 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 117 Resp: 69963
Ion Ratio Lower Upper
117 100
201 64.4 33.4 100.2

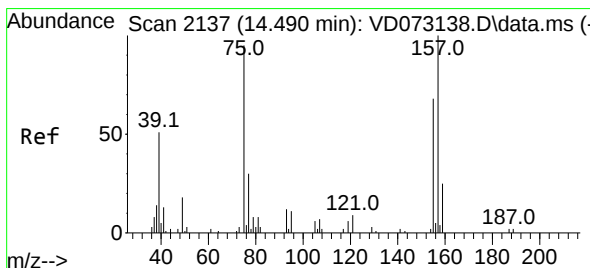
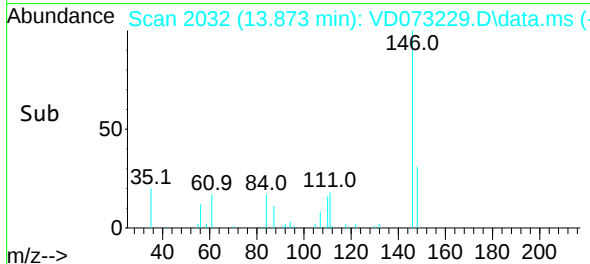
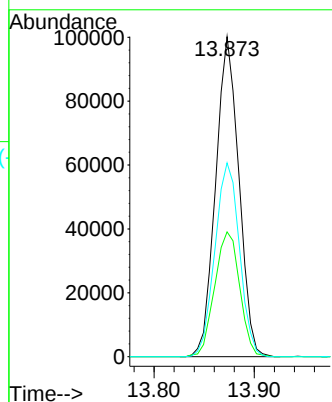
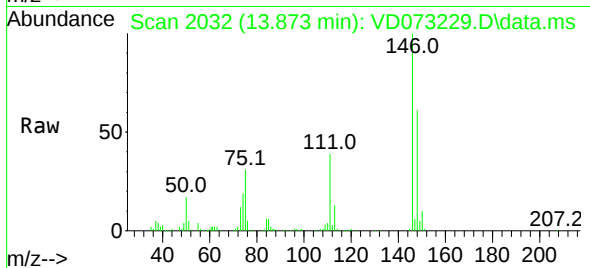




#91
1,2-Dichlorobenzene
Concen: 19.876 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

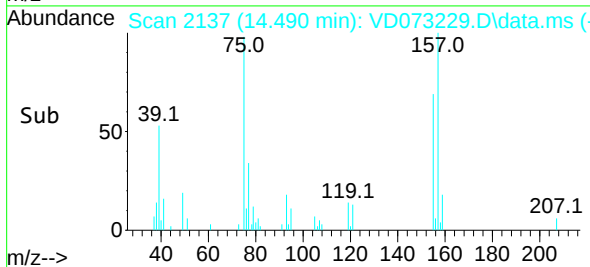
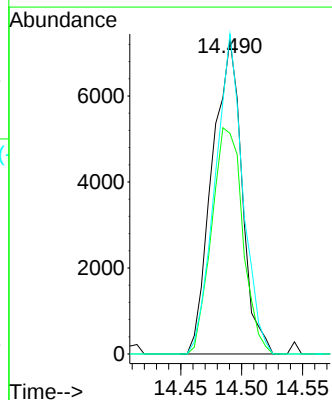
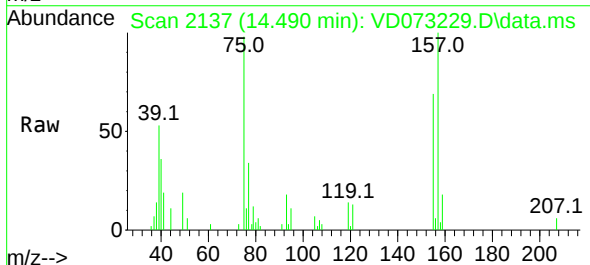
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBS01

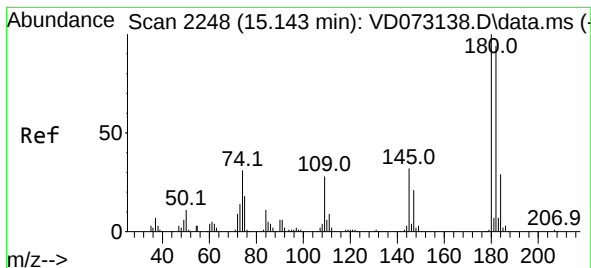
Tgt Ion:146 Resp: 160831
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 63.9 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.271 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073229.D
Acq: 21 May 2022 14:57

Tgt Ion: 75 Resp: 12398
Ion Ratio Lower Upper
75 100
155 75.5 36.8 110.3
157 95.0 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 19.667 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

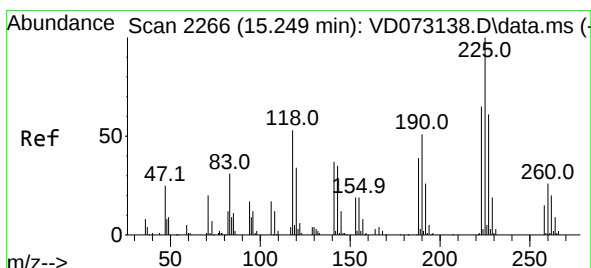
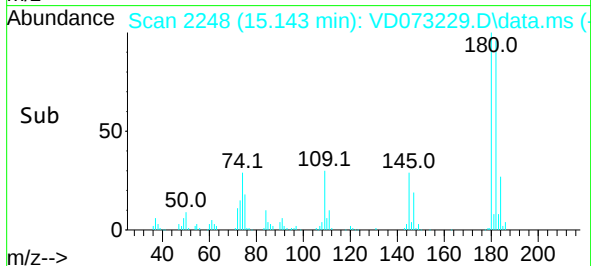
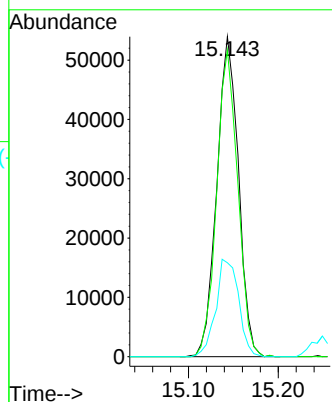
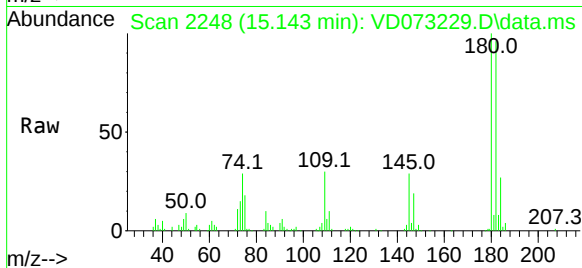
Tgt Ion:180 Resp: 90349

Ion Ratio Lower Upper

180 100

182 93.7 47.3 142.0

145 32.1 16.2 48.5



#94

Hexachlorobutadiene

Concen: 18.611 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

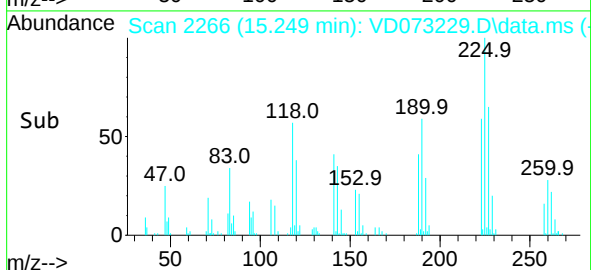
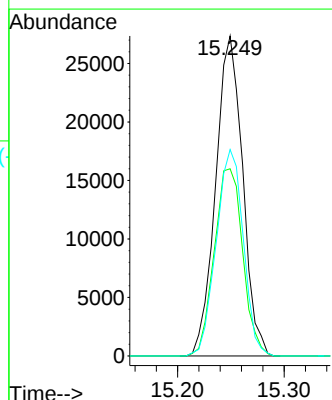
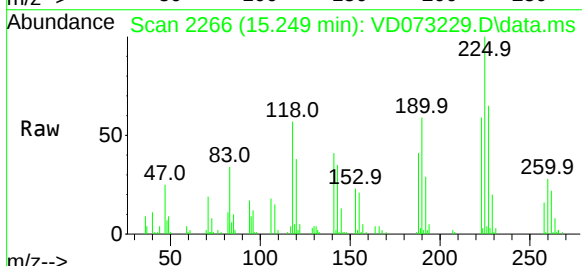
Tgt Ion:225 Resp: 48178

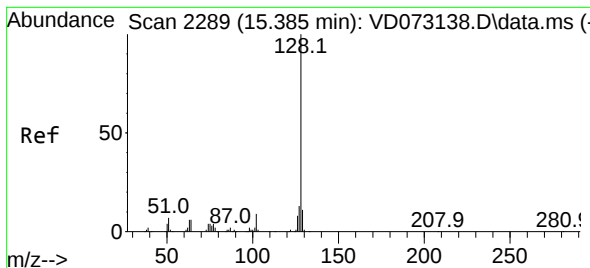
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

227 64.5 32.4 97.0





#95

Naphthalene

Concen: 19.555 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBS01

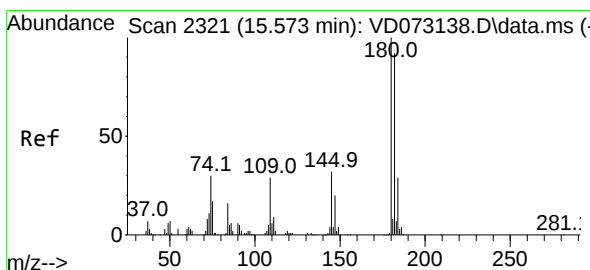
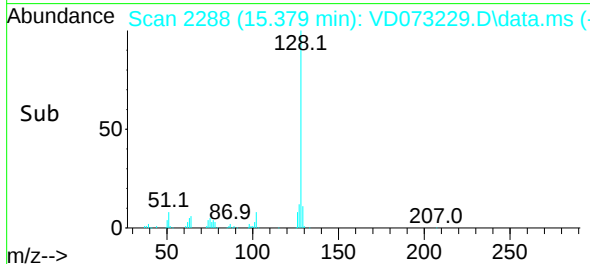
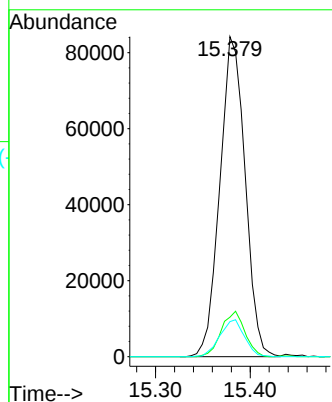
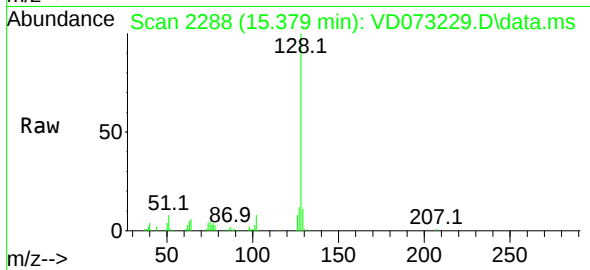
Tgt Ion:128 Resp: 155927

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 19.775 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073229.D

Acq: 21 May 2022 14:57

Tgt Ion:180 Resp: 80535

Ion Ratio Lower Upper

180 100

182 93.7 47.6 142.9

145 34.6 17.1 51.3

