

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073162.D
 Acq On : 20 May 2022 02:31
 Operator : VA/SY
 Sample : N2842-10MS
 Misc : 5.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

Quant Time: May 20 02:44:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	208889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	378101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	361972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	150839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	149932	64.947	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.900%
35) Dibromofluoromethane	7.908	113	141620	56.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.520%
50) Toluene-d8	10.332	98	484201	52.647	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.300%
62) 4-Bromofluorobenzene	12.620	95	159589	49.445	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.880%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	94653	45.347	ug/l	95
3) Chloromethane	2.209	50	111700	47.326	ug/l	99
4) Vinyl Chloride	2.344	62	104031	48.202	ug/l	95
5) Bromomethane	2.762	94	59053	42.038	ug/l	97
6) Chloroethane	2.915	64	70039	52.790	ug/l	96
7) Trichlorofluoromethane	3.267	101	193080	50.595	ug/l	95
8) Diethyl Ether	3.709	74	74891	71.417	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.097	101	107577	47.246	ug/l	97
10) Methyl Iodide	4.291	142	81394	33.132	ug/l	99
11) Tert butyl alcohol	5.214	59	59253	165.434	ug/l #	82
12) 1,1-Dichloroethene	4.062	96	107402	51.162	ug/l	90
13) Acrolein	3.914	56	1135	Below Cal		84
14) Allyl chloride	4.714	41	175292	51.730	ug/l	91
15) Acrylonitrile	5.414	53	137776	287.323	ug/l	97
16) Acetone	4.150	43	155234	388.222	ug/l	93
17) Carbon Disulfide	4.403	76	325971	46.841	ug/l	97
18) Methyl Acetate	4.714	43	186321	167.572	ug/l	94
19) Methyl tert-butyl Ether	5.473	73	334311	69.904	ug/l	97
20) Methylene Chloride	4.956	84	174805	70.565	ug/l	91
21) trans-1,2-Dichloroethene	5.467	96	144031	56.745	ug/l	94
22) Diisopropyl ether	6.361	45	430586	60.617	ug/l #	91
23) Vinyl Acetate	6.356	43	242580	64.022	ug/l #	77
24) 1,1-Dichloroethane	6.261	63	262229	57.512	ug/l	99
25) 2-Butanone	7.208	43	206644	353.232	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	188869	48.572	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	168120	59.860	ug/l	90
28) Bromochloromethane	7.538	49	109513	69.717	ug/l #	81
29) Tetrahydrofuran	7.555	42	136913	361.938	ug/l	90
30) Chloroform	7.703	83	297222	62.439	ug/l	94
31) Cyclohexane	7.979	56	169037	41.901	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	222769	53.508	ug/l	97
36) 1,1-Dichloropropene	8.102	75	180393	48.074	ug/l	96
37) Ethyl Acetate	7.285	43	22720	15.329	ug/l #	80
38) Carbon Tetrachloride	8.091	117	183009	48.114	ug/l	99
39) Methylcyclohexane	9.349	83	144524	34.560	ug/l	92
40) Benzene	8.344	78	590152	54.571	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	34486	39.935	ug/l #	57
42) 1,2-Dichloroethane	8.414	62	189518	62.982	ug/l	95
43) Isopropyl Acetate	8.450	43	67137	24.506	ug/l #	59
44) Trichloroethene	9.102	130	145931	50.603	ug/l	95
45) 1,2-Dichloropropane	9.379	63	161939	59.460	ug/l	94
46) Dibromomethane	9.473	93	98734	66.008	ug/l	95
47) Bromodichloromethane	9.649	83	231453	60.475	ug/l	97
48) Methyl methacrylate	9.449	41	101403	73.570	ug/l	88
49) 1,4-Dioxane	9.455	88	21014	1360.393	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	473126	332.511	ug/l	93
52) Toluene	10.396	92	365076	53.422	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	183838	53.169	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	203916	49.283	ug/l #	90
55) 1,1,2-Trichloroethane	10.791	97	127018	62.796	ug/l	98
56) Ethyl methacrylate	10.649	69	50223	22.332	ug/l #	69
57) 1,3-Dichloropropane	10.932	76	217652	64.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	314239	290.288	ug/l	97
59) 2-Hexanone	10.973	43	251693	268.304	ug/l	95
60) Dibromochloromethane	11.132	129	154631	61.309	ug/l	98
61) 1,2-Dibromoethane	11.238	107	121643	62.935	ug/l	100
64) Tetrachloroethene	10.867	164	127458	53.761	ug/l	93
65) Chlorobenzene	11.661	112	374640	50.451	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	153811	55.850	ug/l	98
67) Ethyl Benzene	11.738	91	628399	48.206	ug/l	97
68) m/p-Xylenes	11.843	106	502884	99.295	ug/l	99
69) o-Xylene	12.167	106	239287	51.431	ug/l	96
70) Styrene	12.185	104	423976	52.966	ug/l	97
71) Bromoform	12.343	173	85258	60.151	ug/l #	97
73) Isopropylbenzene	12.467	105	541869	50.391	ug/l	99
74) N-amyl acetate	12.279	43	8964	3.821	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	142867	72.038	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	161800	109.325	ug/l #	100
77) Bromobenzene	12.749	156	151496	59.849	ug/l	93
78) n-propylbenzene	12.808	91	652314	48.320	ug/l	99
79) 2-Chlorotoluene	12.896	91	408819	52.449	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	467461	51.318	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	33384	54.152	ug/l	88
82) 4-Chlorotoluene	12.990	91	430039	52.636	ug/l	98
83) tert-Butylbenzene	13.208	119	355146	46.261	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	471788	52.428	ug/l	99
85) sec-Butylbenzene	13.385	105	493624	42.110	ug/l	100
86) p-Isopropyltoluene	13.502	119	385651	40.359	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	261636	51.279	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	258552	50.200	ug/l	99
89) n-Butylbenzene	13.826	91	317985	34.926	ug/l	100
90) Hexachloroethane	14.096	117	82872	41.914	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	232321	52.626	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	20962	69.020	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	93912	37.470	ug/l	99
94) Hexachlorobutadiene	15.249	225	33343	23.609	ug/l	98
95) Naphthalene	15.384	128	226408	46.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	82739	37.238	ug/l	98

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Response via : Initial Calibration

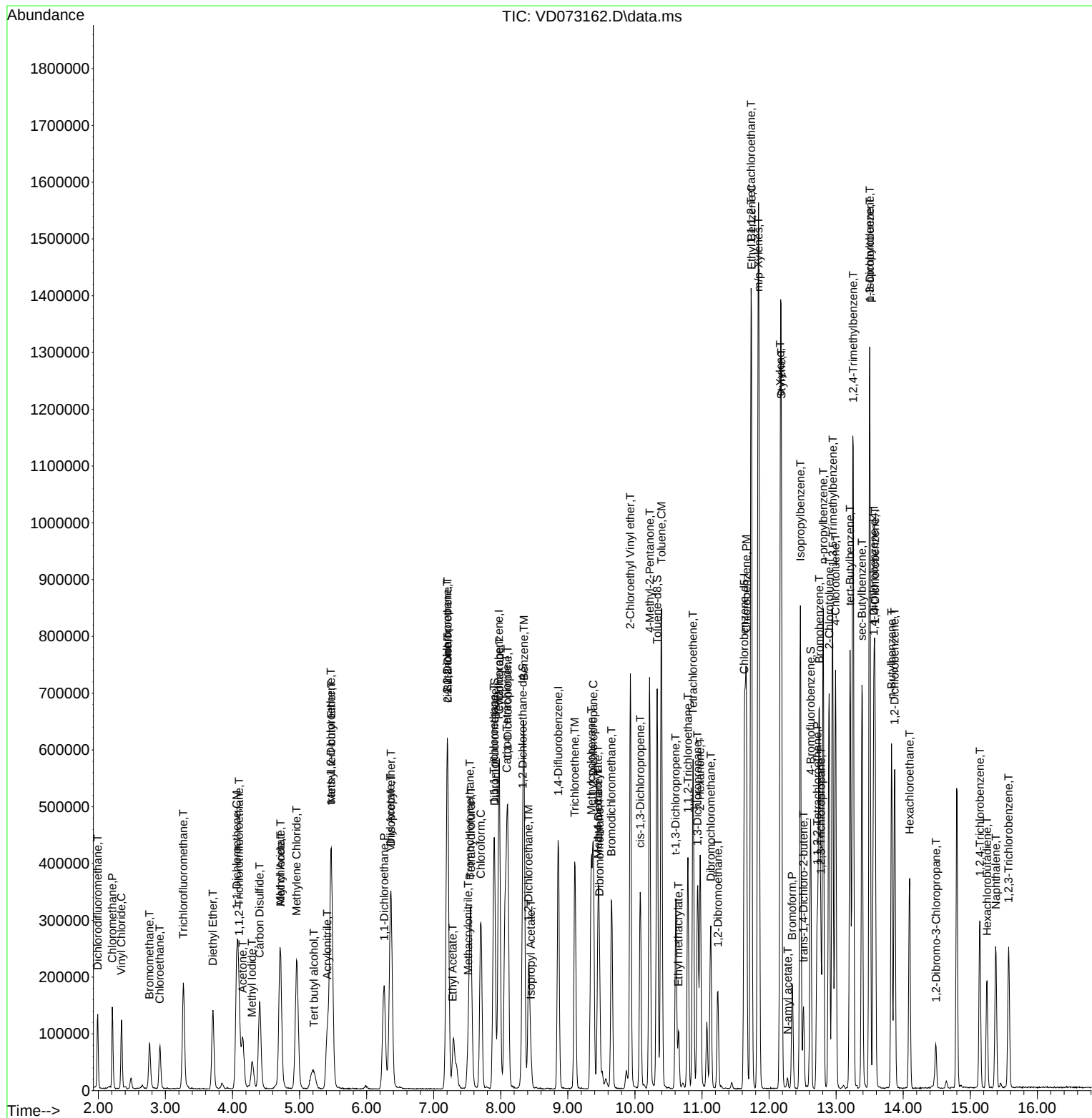
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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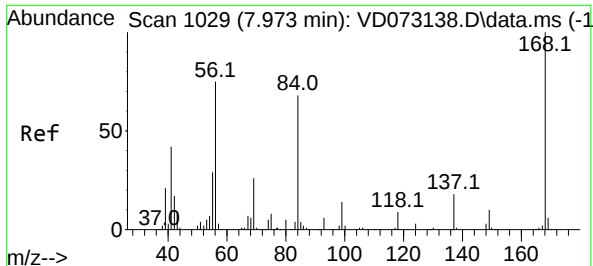
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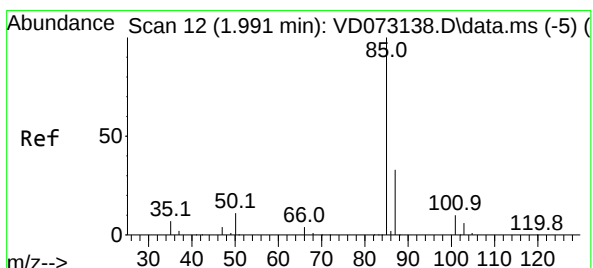
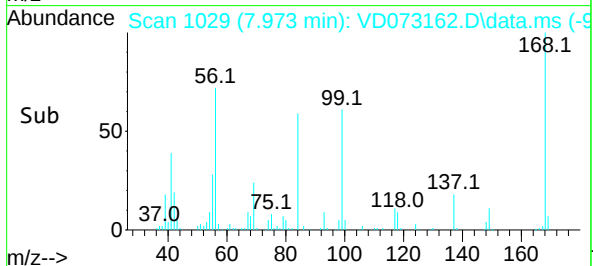
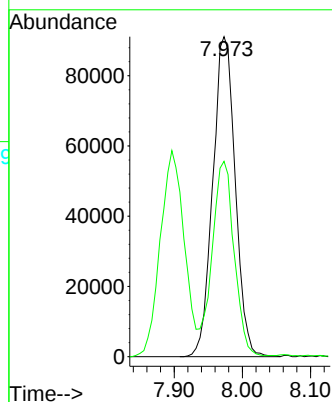
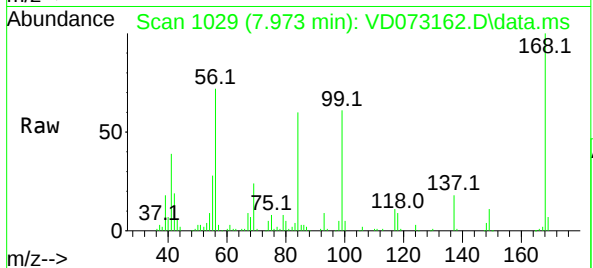




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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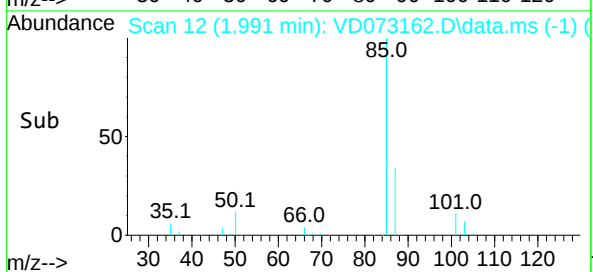
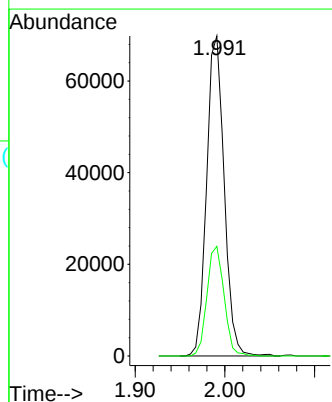
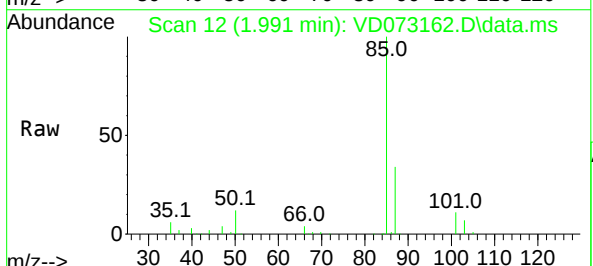
Instrument :
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ClientSampleId :
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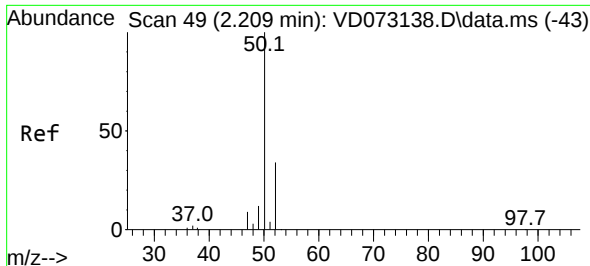
Tgt Ion:168 Resp: 208889
Ion Ratio Lower Upper
168 100
99 60.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 45.347 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 85 Resp: 94653
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.0

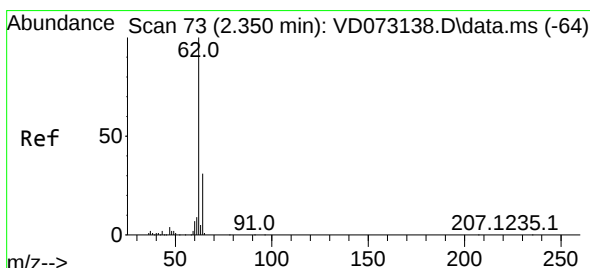
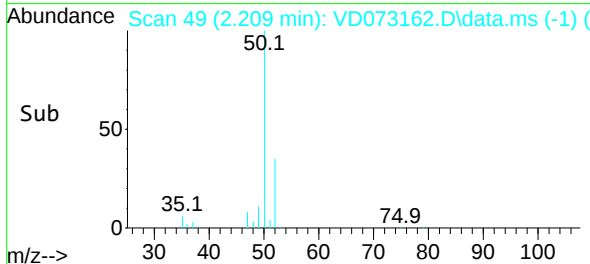
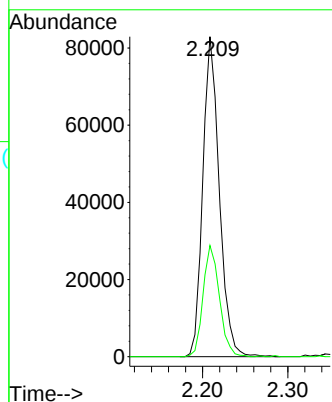
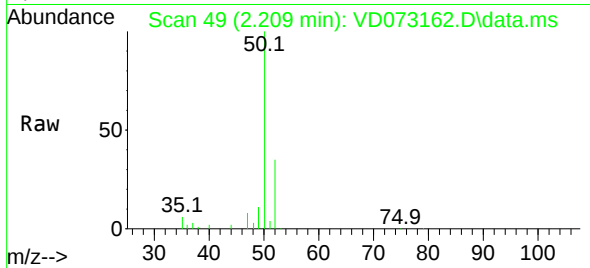




#3
Chloromethane
Concen: 47.326 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073162.D
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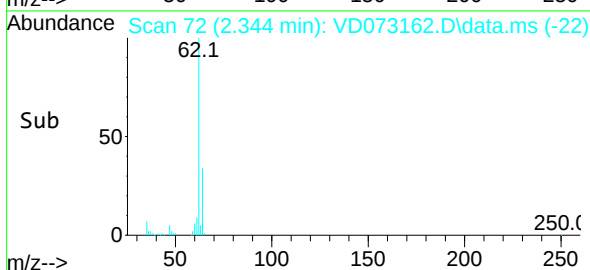
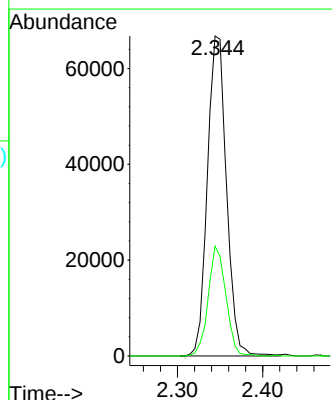
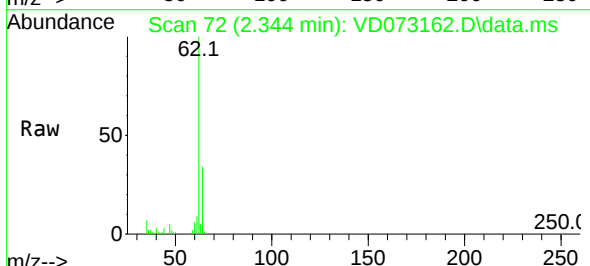
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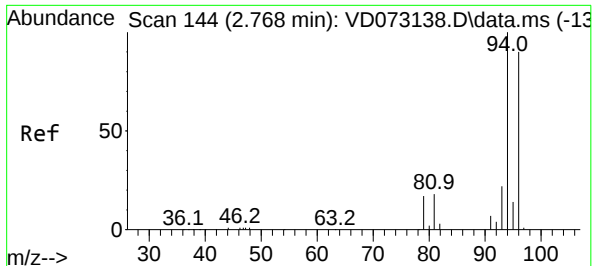
Tgt Ion: 50 Resp: 111700
Ion Ratio Lower Upper
50 100
52 34.8 27.4 41.0



#4
Vinyl Chloride
Concen: 48.202 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073162.D
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Tgt Ion: 62 Resp: 104031
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.0

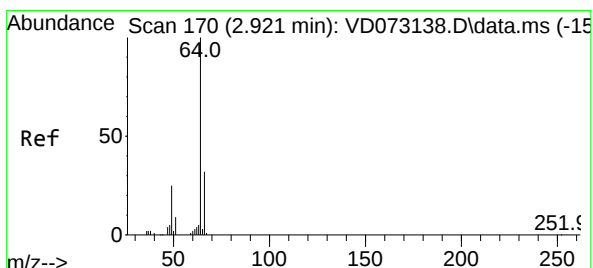
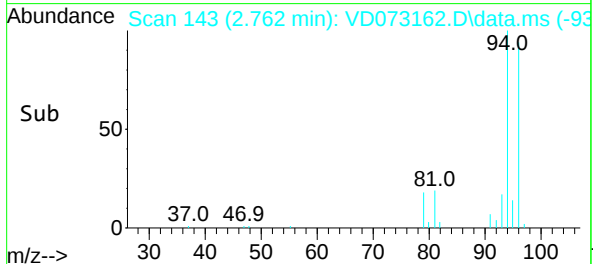
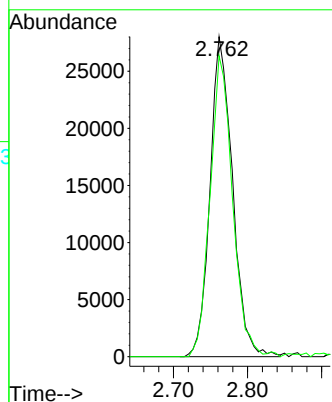
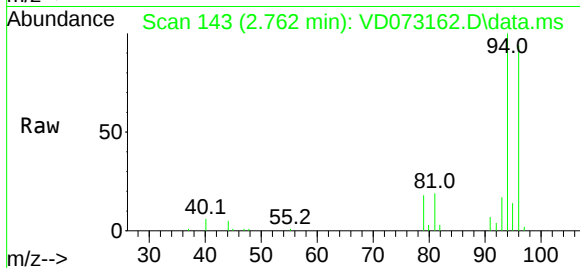




#5
Bromomethane
Concen: 42.038 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073162.D
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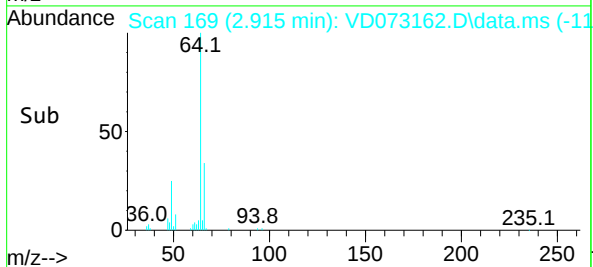
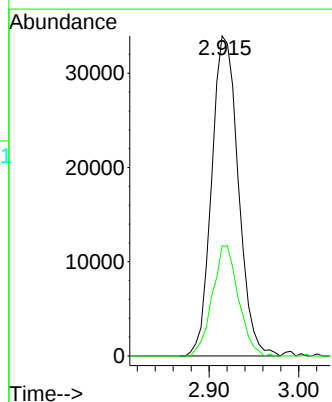
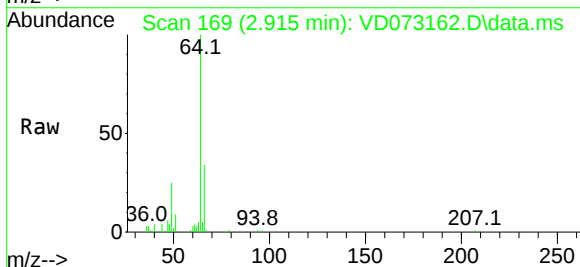
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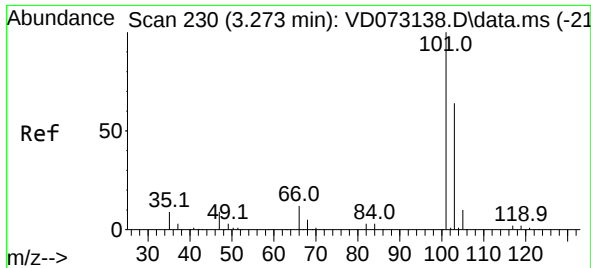
Tgt Ion: 94 Resp: 59053
Ion Ratio Lower Upper
94 100
96 94.0 77.6 116.4



#6
Chloroethane
Concen: 52.790 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 70039
Ion Ratio Lower Upper
64 100
66 34.4 25.9 38.9

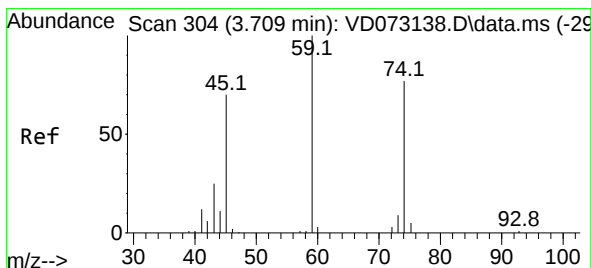
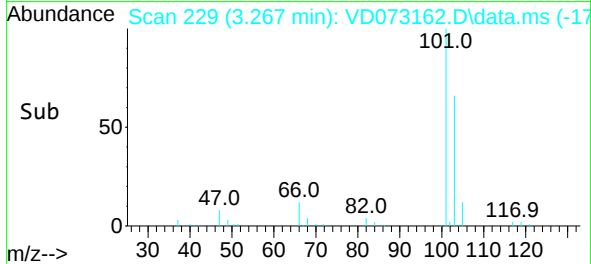
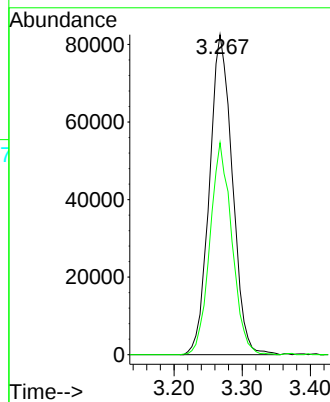
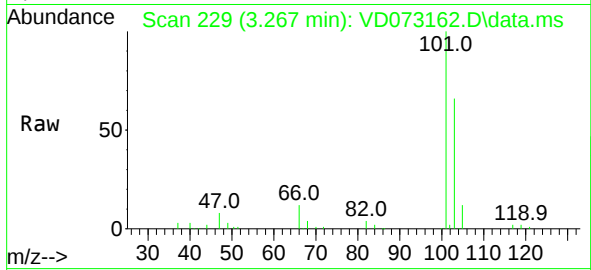




#7
 Trichlorofluoromethane
 Concen: 50.595 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

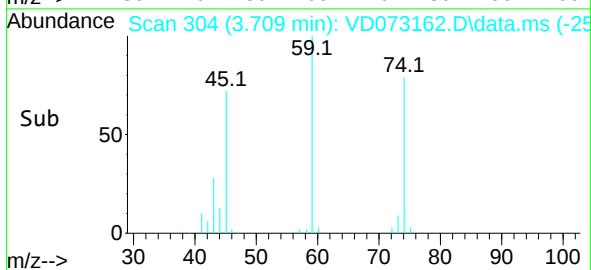
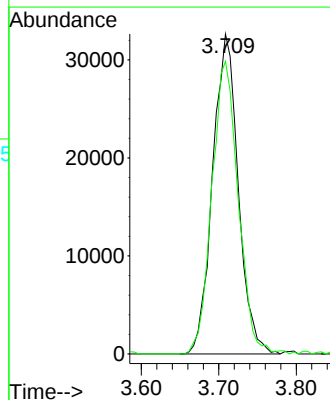
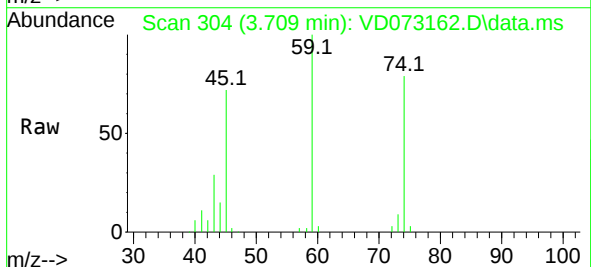
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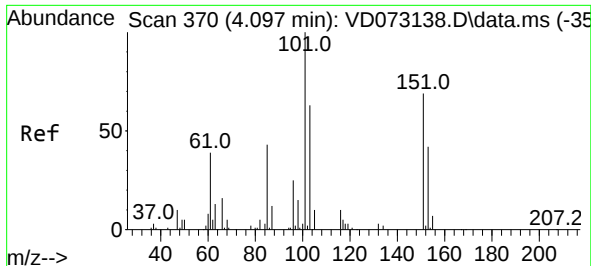
Tgt Ion:101 Resp: 193080
 Ion Ratio Lower Upper
 101 100
 103 66.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 71.417 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Tgt Ion: 74 Resp: 74891
 Ion Ratio Lower Upper
 74 100
 45 94.2 52.6 157.8



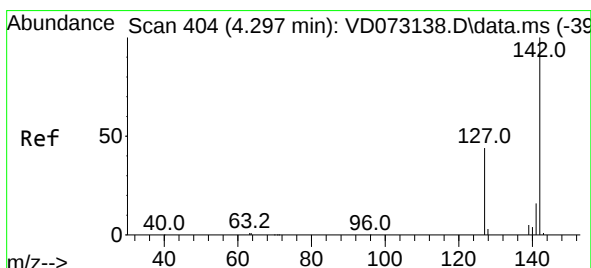
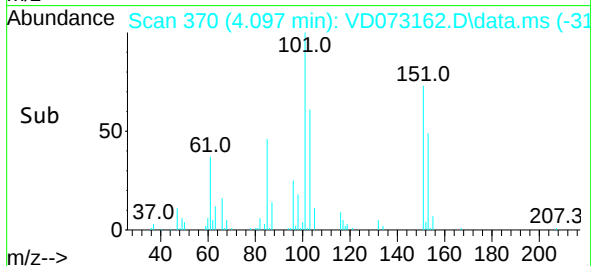
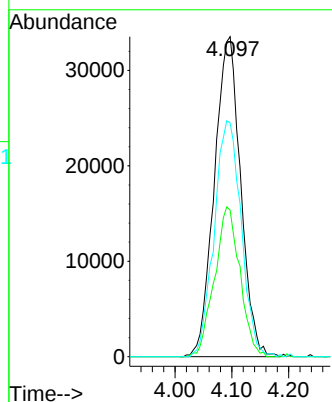
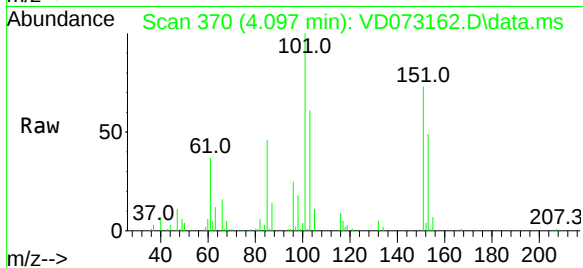


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.246 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

Tgt Ion:101 Resp: 107577

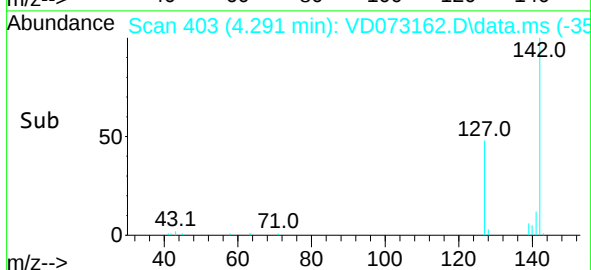
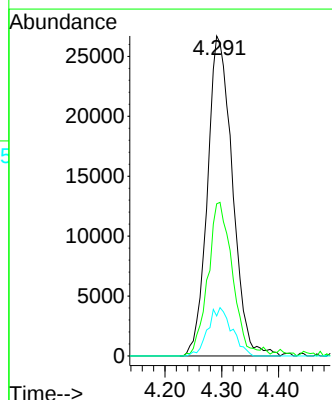
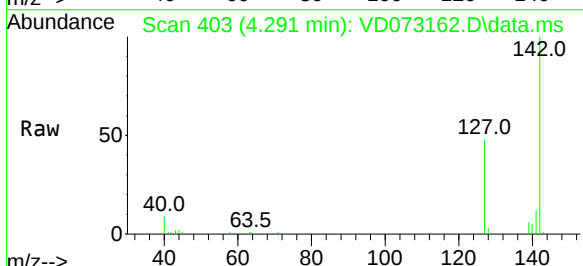
Ion	Ratio	Lower	Upper
101	100		
85	45.2	36.4	54.6
151	75.9	57.3	85.9

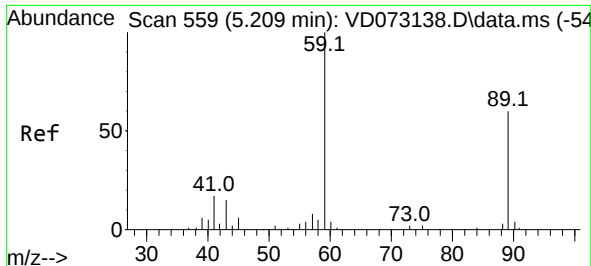


#10
 Methyl Iodide
 Concen: 33.132 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Tgt Ion:142 Resp: 81394

Ion	Ratio	Lower	Upper
142	100		
127	47.5	37.3	55.9
141	14.6	11.7	17.5





#11

Tert butyl alcohol

Concen: 165.434 ug/l

RT: 5.214 min Scan# 5

Delta R.T. 0.005 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

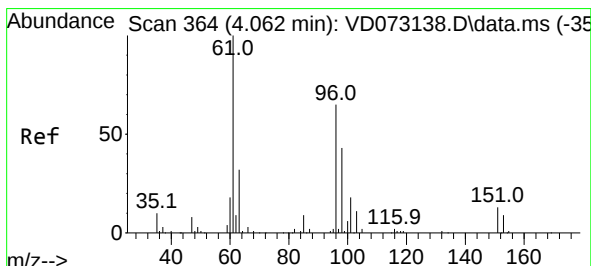
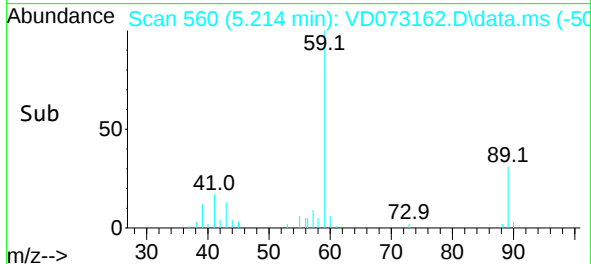
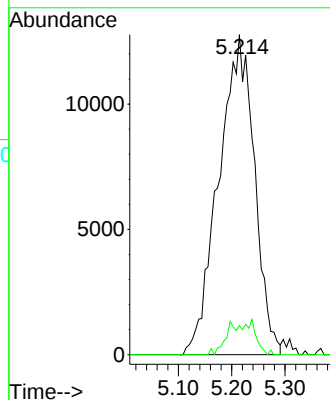
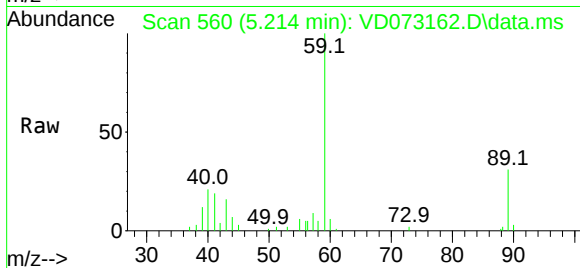
P016-SS005-0006-01MS

Tgt Ion: 59 Resp: 59253

Ion Ratio Lower Upper

59 100

57 3.3 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 51.162 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

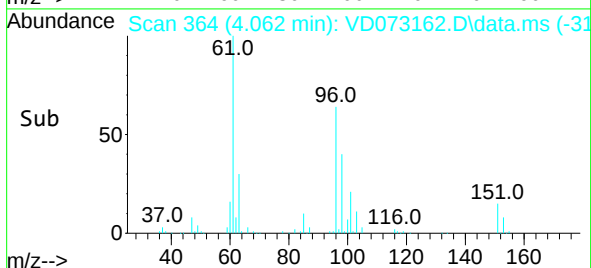
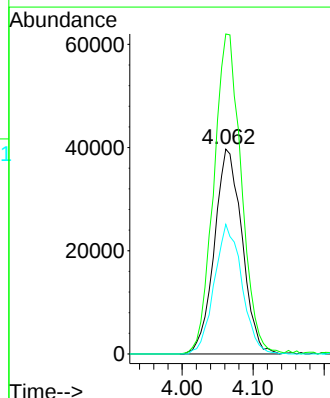
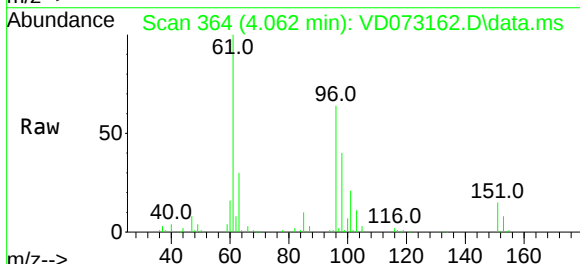
Tgt Ion: 96 Resp: 107402

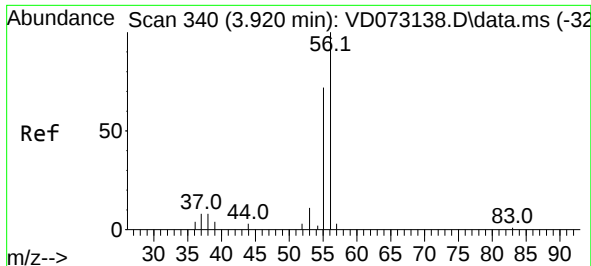
Ion Ratio Lower Upper

96 100

61 156.2 138.5 207.7

98 63.2 48.6 73.0

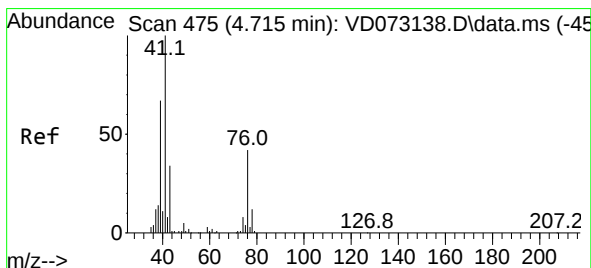
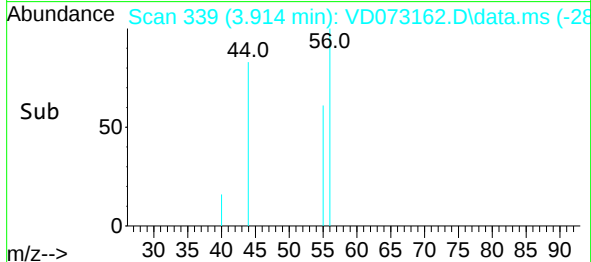
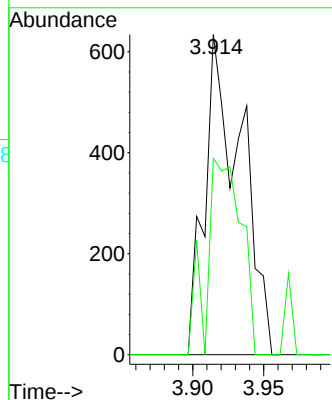
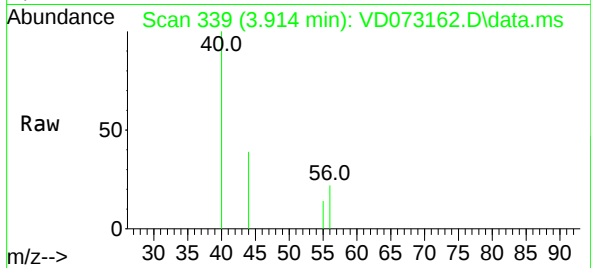




#13
Acrolein
Concen: Below Cal
RT: 3.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

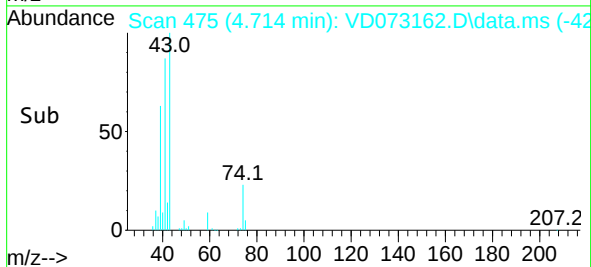
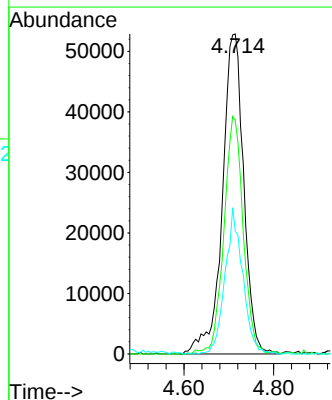
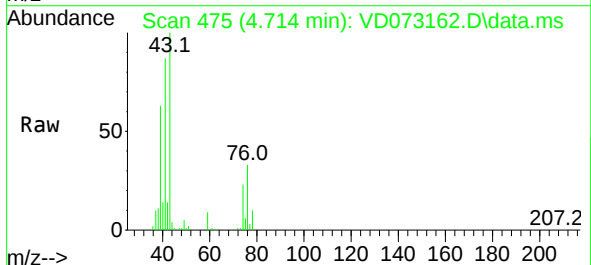
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

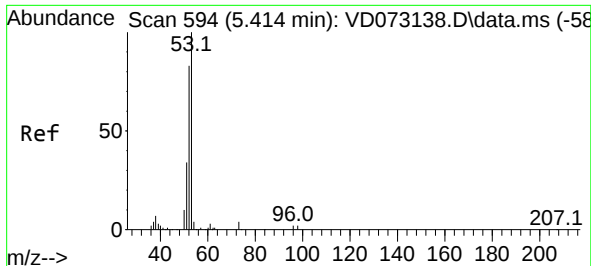
Tgt Ion: 56 Resp: 1135
Ion Ratio Lower Upper
56 100
55 58.1 57.1 85.7



#14
Allyl chloride
Concen: 51.730 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 41 Resp: 175292
Ion Ratio Lower Upper
41 100
39 67.2 59.3 88.9
76 37.8 25.7 38.5

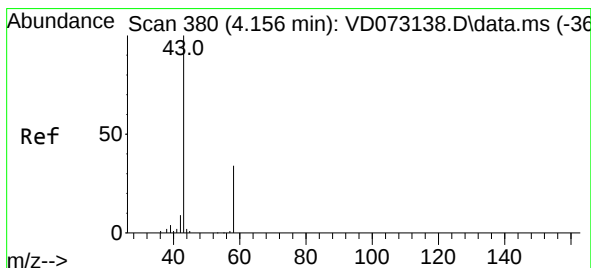
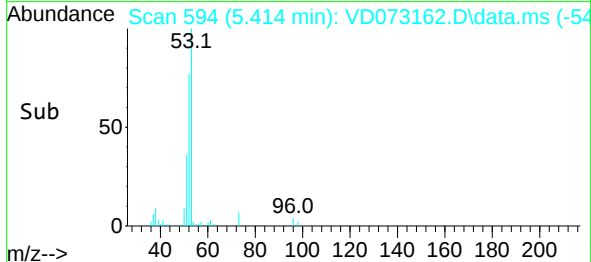
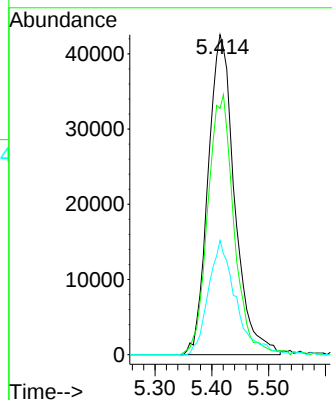
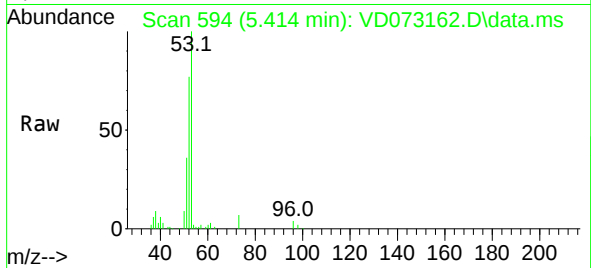




#15
Acrylonitrile
Concen: 287.323 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

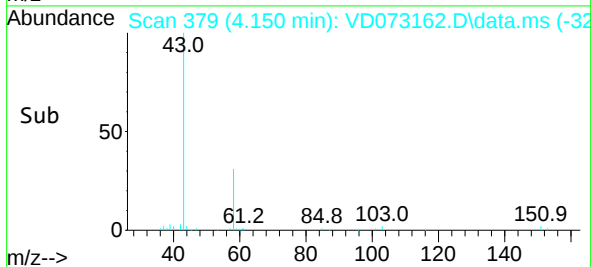
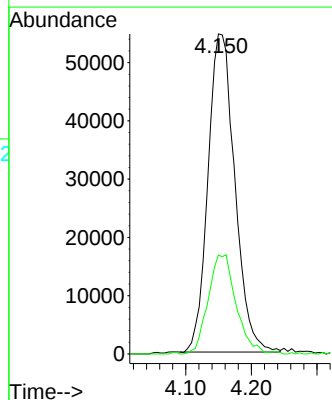
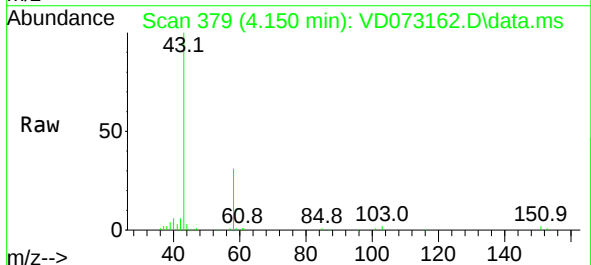
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

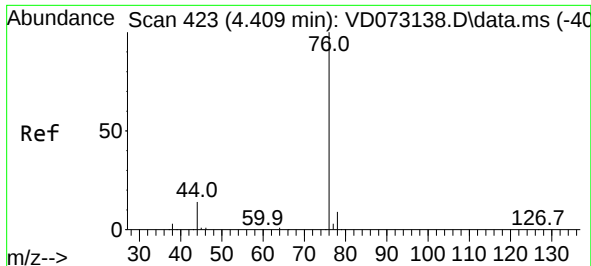
Tgt Ion: 53 Resp: 137776
Ion Ratio Lower Upper
53 100
52 80.3 67.2 100.8
51 36.9 30.3 45.5



#16
Acetone
Concen: 388.222 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 43 Resp: 155234
Ion Ratio Lower Upper
43 100
58 31.1 22.1 33.1

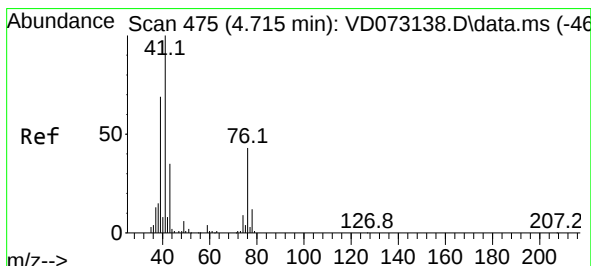
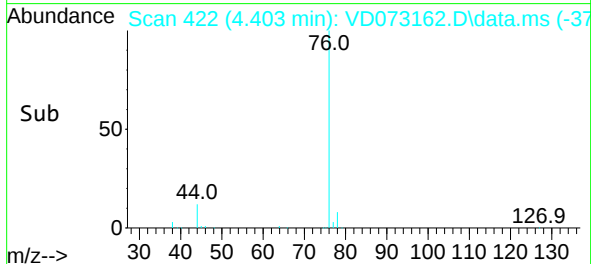
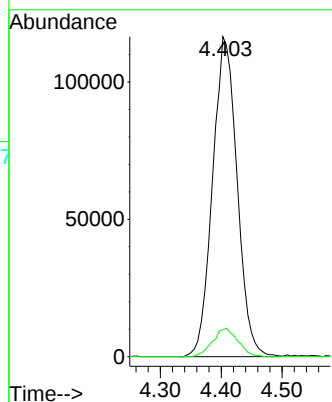
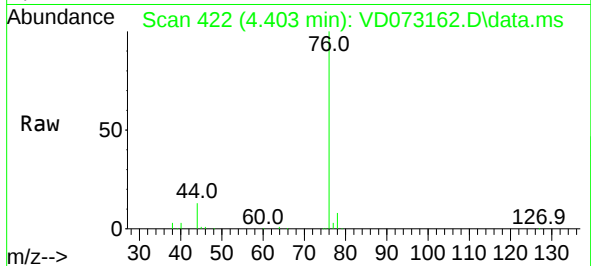




#17
Carbon Disulfide
Concen: 46.841 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

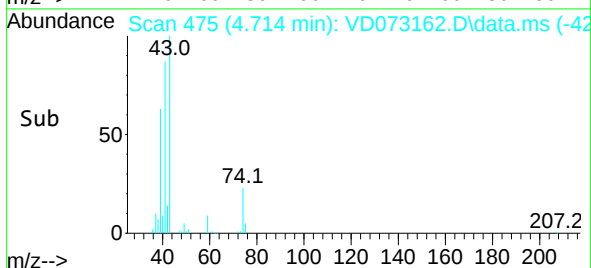
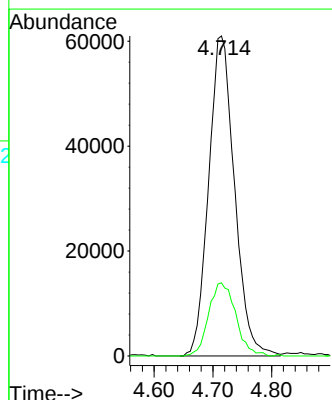
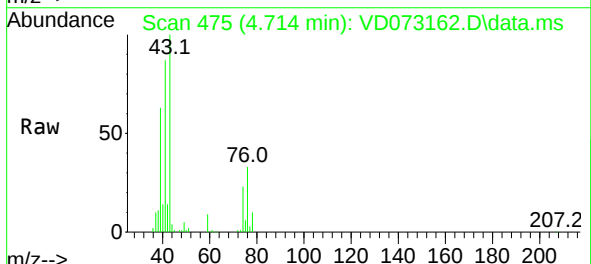
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

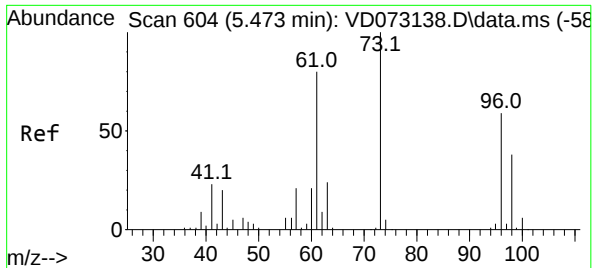
Tgt Ion: 76 Resp: 325971
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3



#18
Methyl Acetate
Concen: 167.572 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 43 Resp: 186321
Ion Ratio Lower Upper
43 100
74 23.9 16.7 25.1

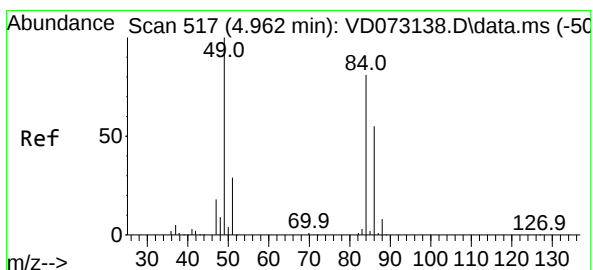
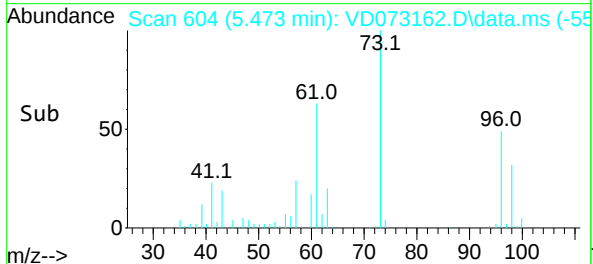
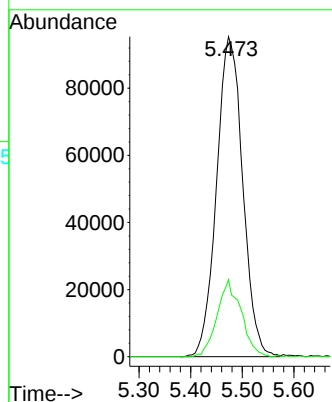
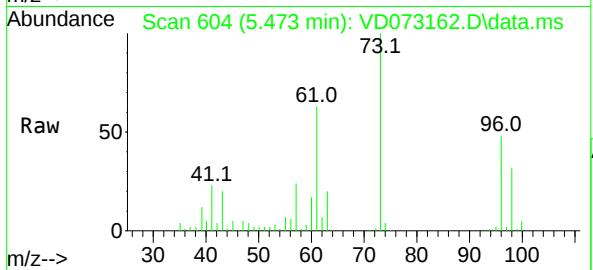




#19
Methyl tert-butyl Ether
Concen: 69.904 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

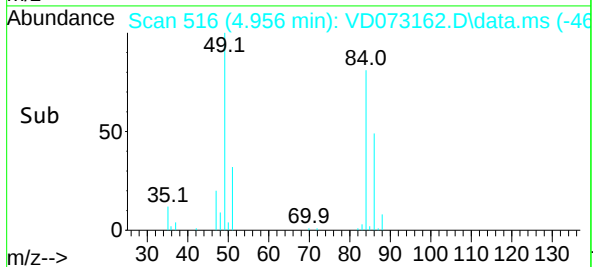
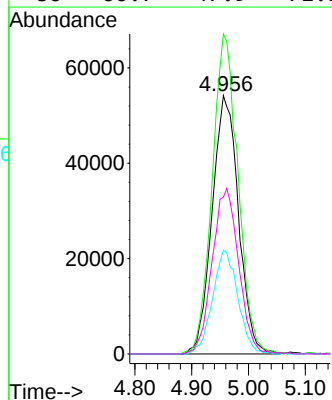
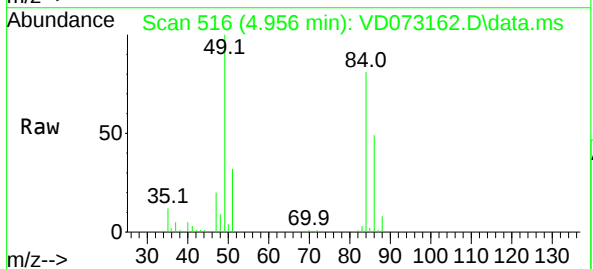
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

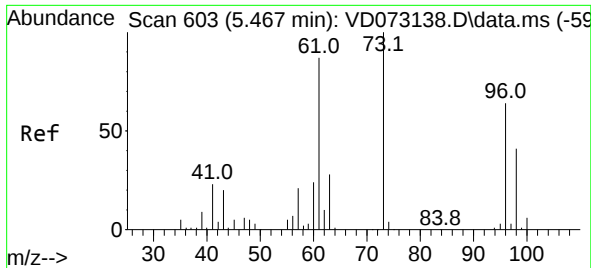
Tgt Ion: 73 Resp: 334311
Ion Ratio Lower Upper
73 100
57 24.1 18.0 27.0



#20
Methylene Chloride
Concen: 70.565 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

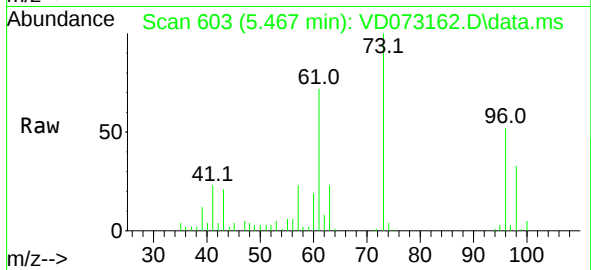
Tgt Ion: 84 Resp: 174805
Ion Ratio Lower Upper
84 100
49 123.8 112.8 169.2
51 40.2 32.6 48.8
86 60.7 47.9 71.9





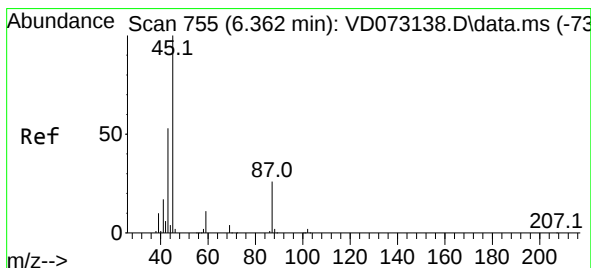
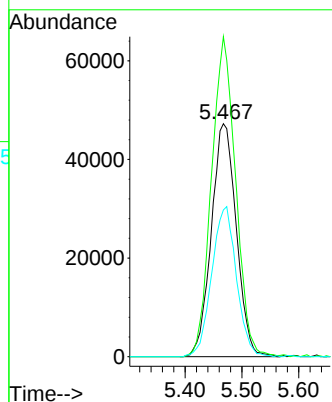
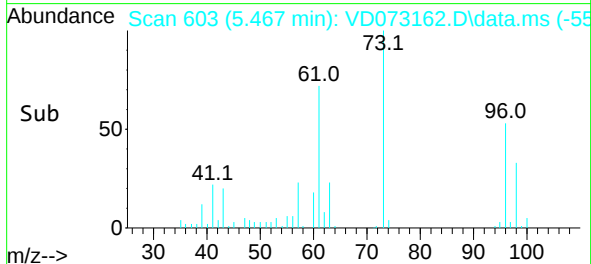
#21
trans-1,2-Dichloroethene
Concen: 56.745 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS



Tgt Ion: 96 Resp: 144031

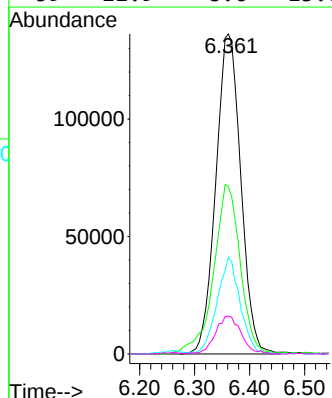
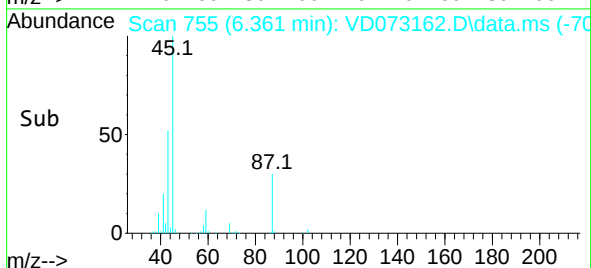
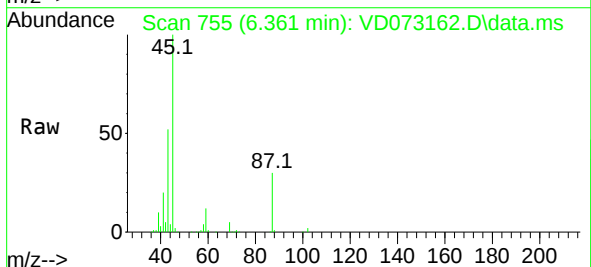
Ion	Ratio	Lower	Upper
96	100		
61	137.4	117.9	176.9
98	63.0	49.4	74.2



#22
Diisopropyl ether
Concen: 60.617 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 45 Resp: 430586

Ion	Ratio	Lower	Upper
45	100		
43	51.9	46.6	70.0
87	30.0	18.4	27.6
59	11.9	8.6	13.0

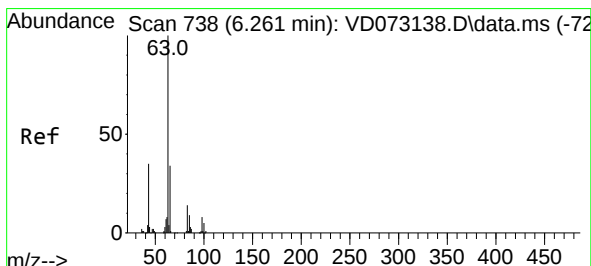
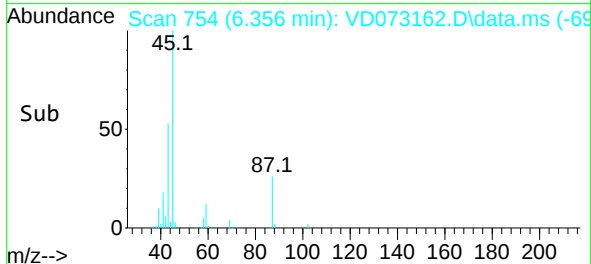
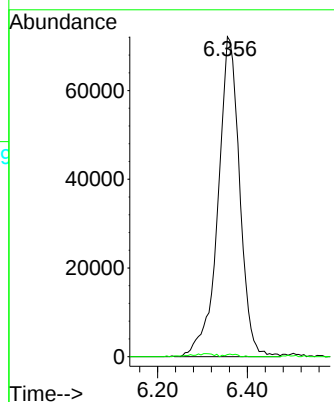
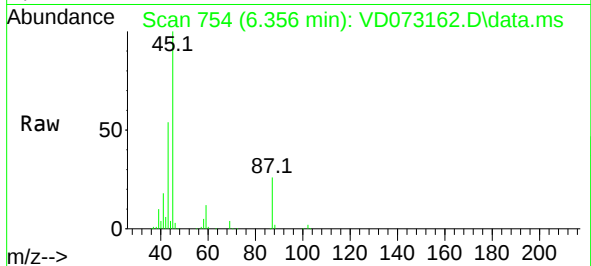




#23
 Vinyl Acetate
 Concen: 64.022 ug/l
 RT: 6.356 min Scan# 714
 Delta R.T. 0.059 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

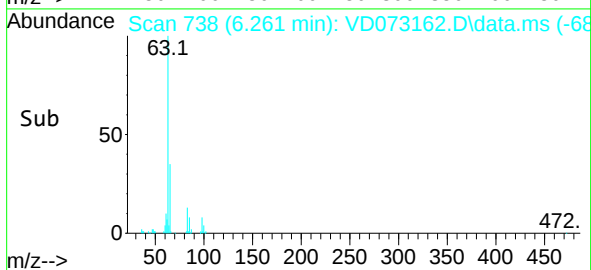
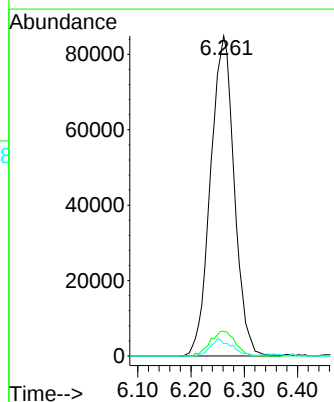
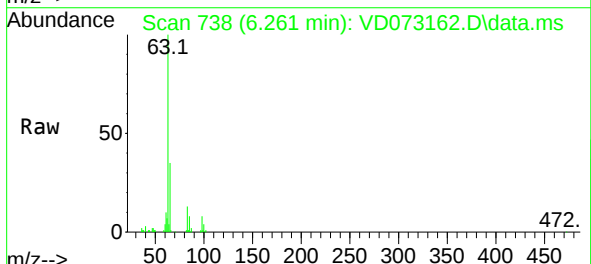
Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

Tgt Ion: 43 Resp: 242580
 Ion Ratio Lower Upper
 43 100
 86 0.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 57.512 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Tgt Ion: 63 Resp: 262229
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 3.9 2.1 6.5

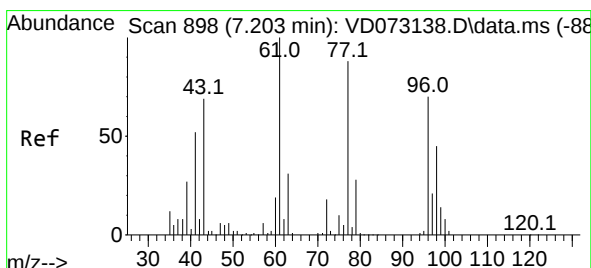
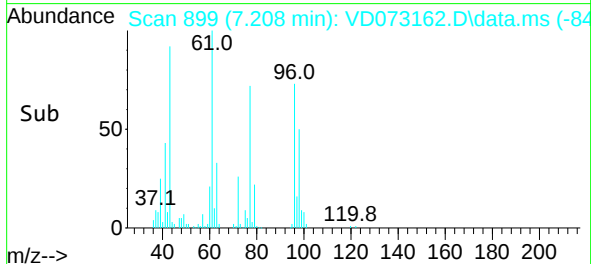
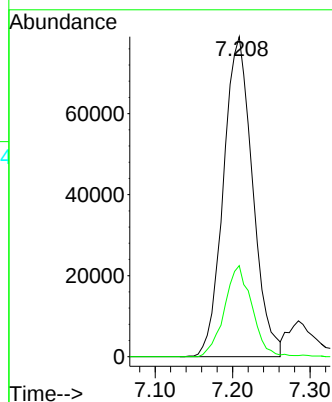
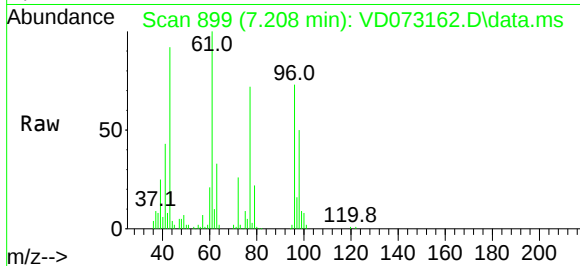




#25
2-Butanone
Concen: 353.232 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

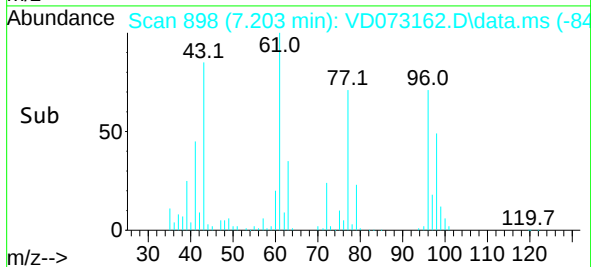
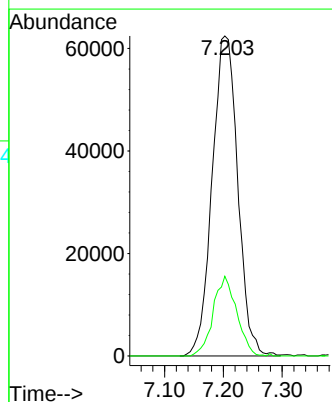
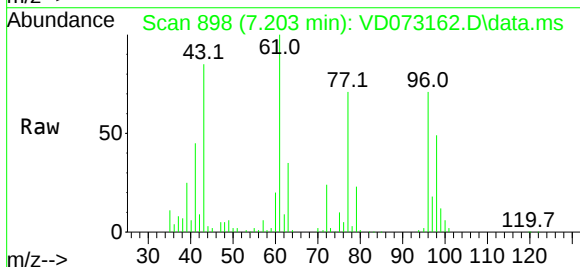
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

Tgt Ion: 43 Resp: 206644
Ion Ratio Lower Upper
43 100
72 28.4 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 48.572 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 77 Resp: 188869
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4

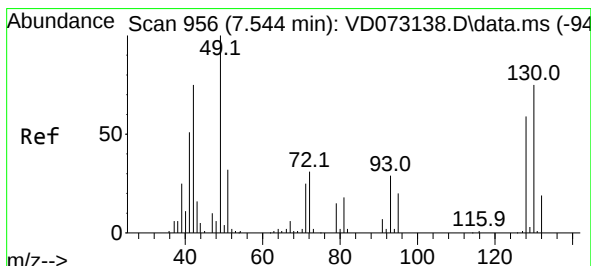
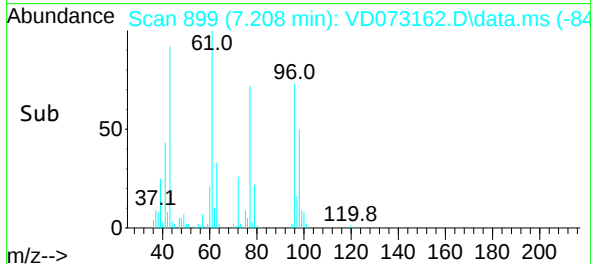
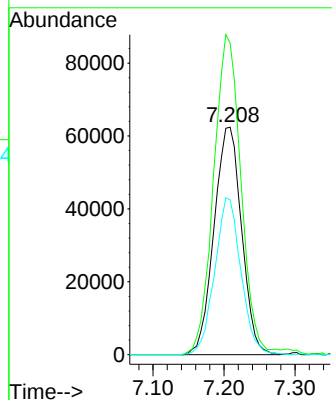
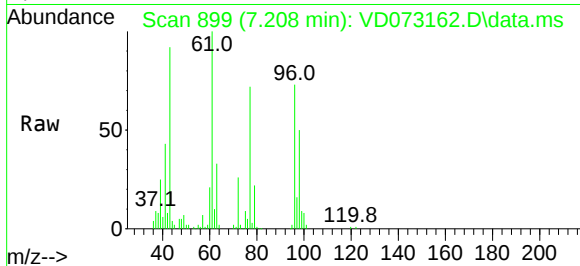




#27
 cis-1,2-Dichloroethene
 Concen: 59.860 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

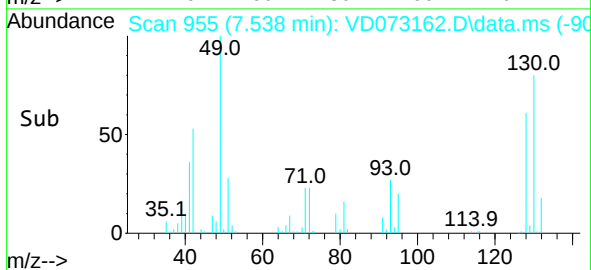
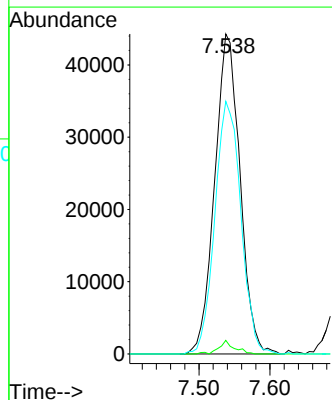
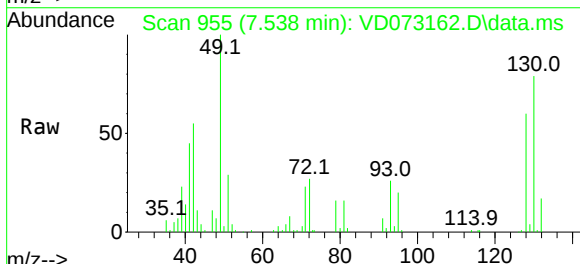
Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

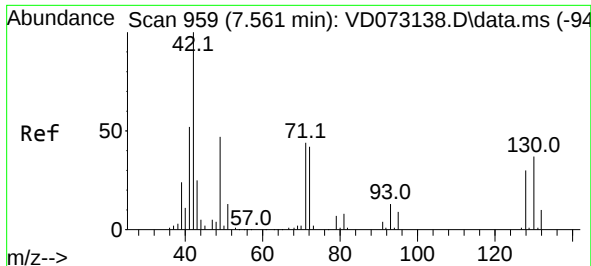
Tgt Ion: 96 Resp: 168120
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 313.8
 98 65.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 69.717 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Tgt Ion: 49 Resp: 109513
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 4.0
 130 81.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 361.938 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073162.D

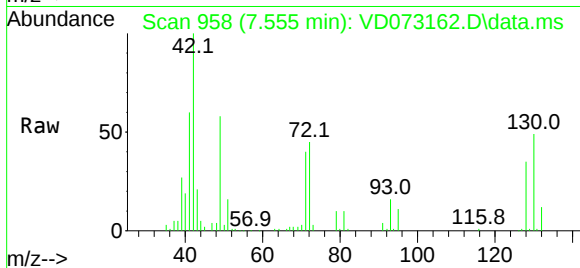
Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS



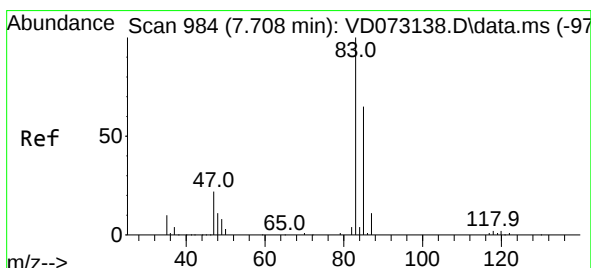
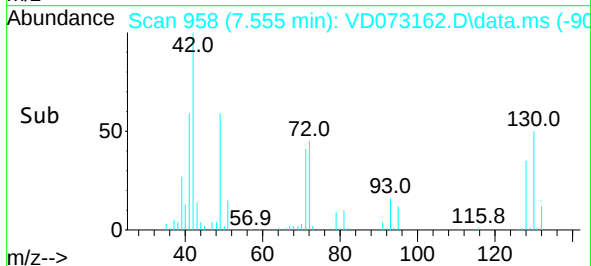
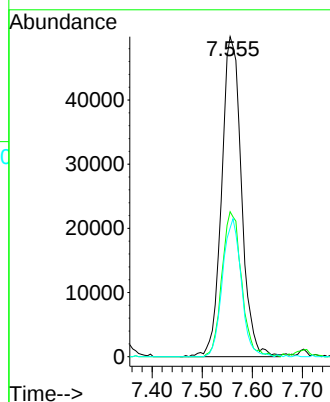
Tgt Ion: 42 Resp: 136913

Ion Ratio Lower Upper

42 100

72 44.7 30.7 46.1

71 40.9 28.6 43.0



#30

Chloroform

Concen: 62.439 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073162.D

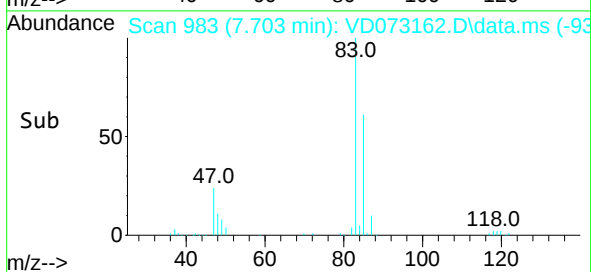
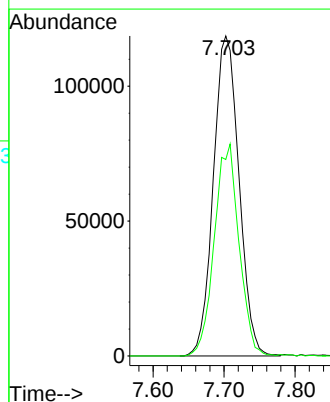
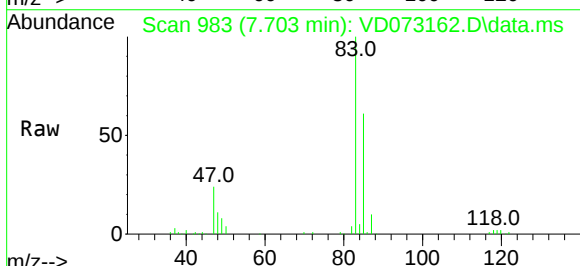
Acq: 20 May 2022 02:31

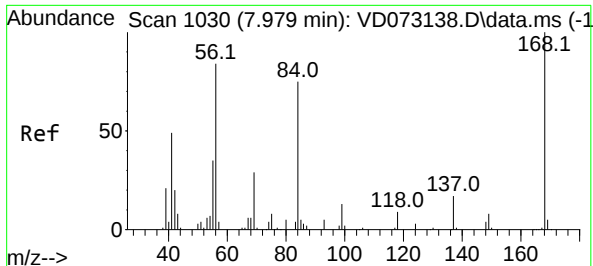
Tgt Ion: 83 Resp: 297222

Ion Ratio Lower Upper

83 100

85 61.4 52.7 79.1





#31

Cyclohexane

Concen: 41.901 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS

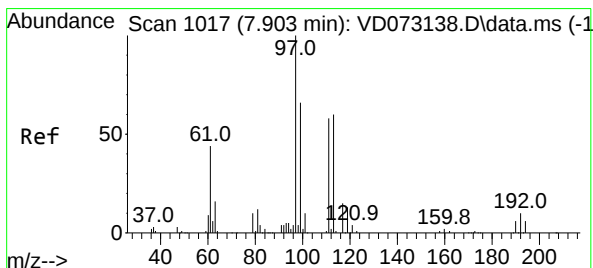
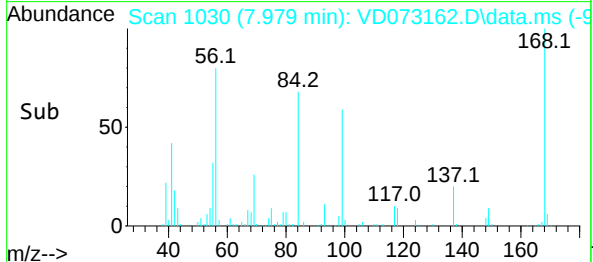
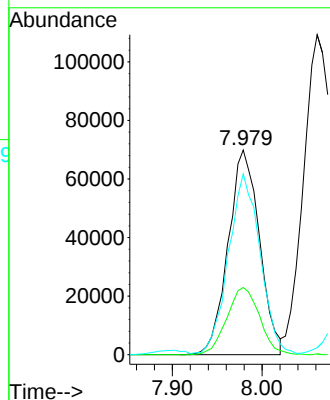
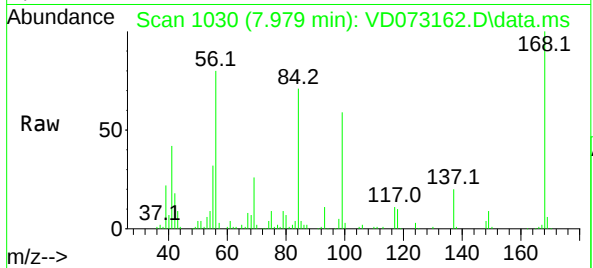
Tgt Ion: 56 Resp: 169037

Ion Ratio Lower Upper

56 100

69 32.8 25.4 38.2

84 86.8 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 53.508 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

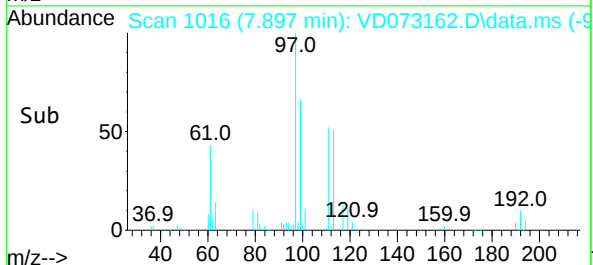
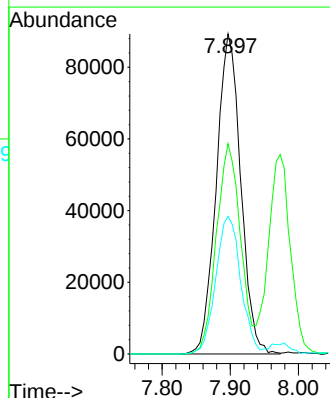
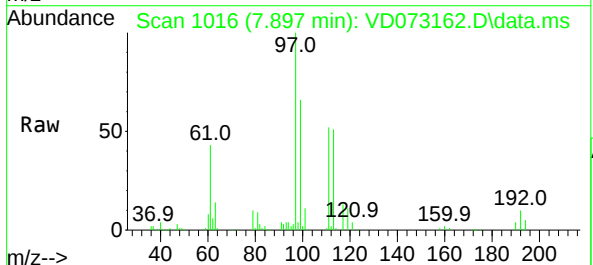
Tgt Ion: 97 Resp: 222769

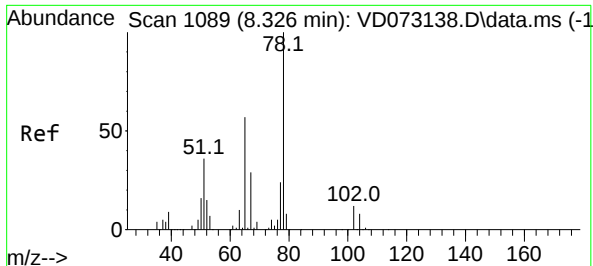
Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 43.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 64.947 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

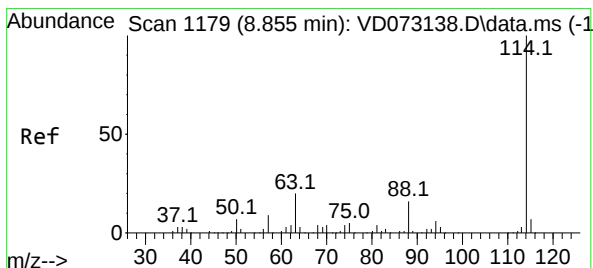
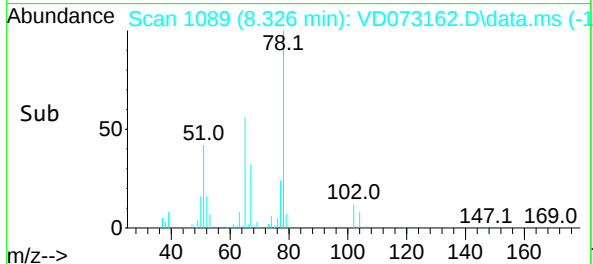
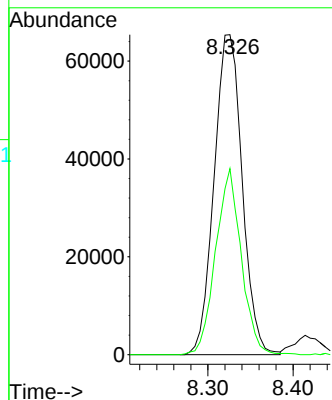
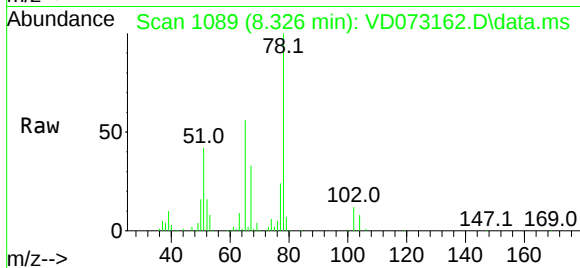
P016-SS005-0006-01MS

Tgt Ion: 65 Resp: 149932

Ion Ratio Lower Upper

65 100

67 53.1 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: VD073162.D

Acq: 20 May 2022 02:31

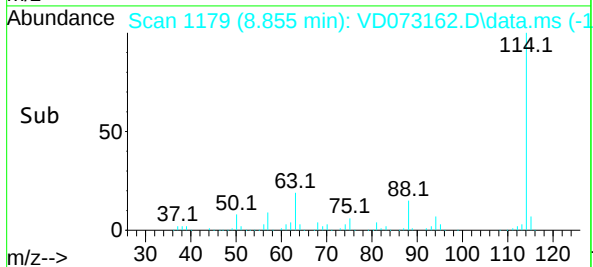
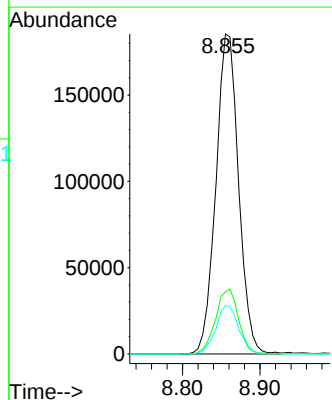
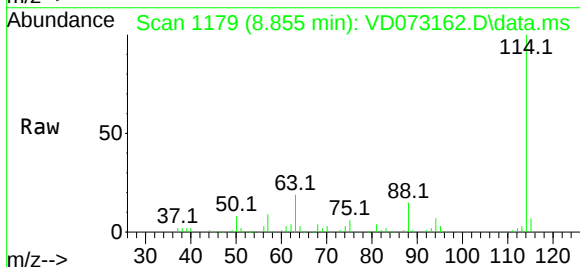
Tgt Ion: 114 Resp: 378101

Ion Ratio Lower Upper

114 100

63 19.4 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.762 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073162.D

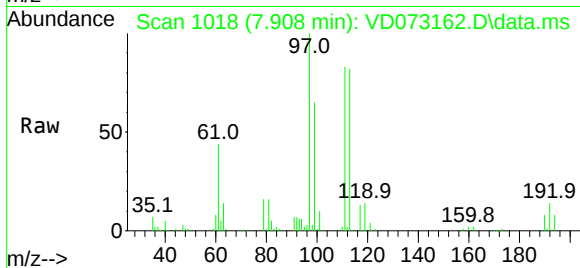
Acq: 20 May 2022 02:31

Instrument :

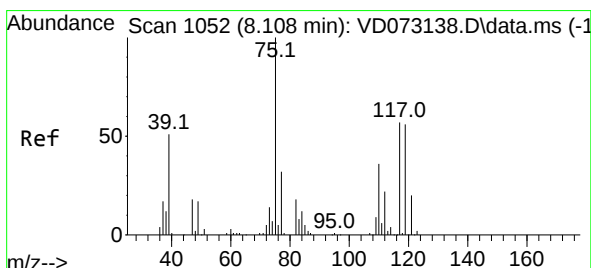
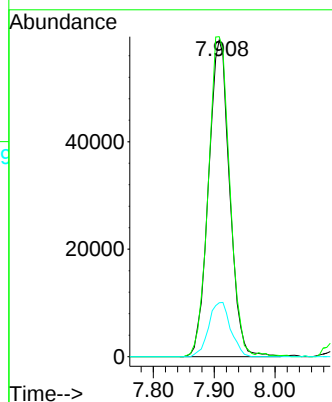
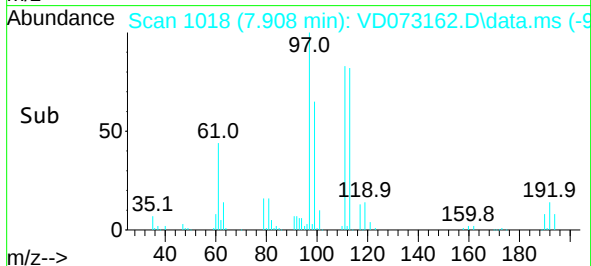
MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS



Tgt Ion:	113	Resp:	141620
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	17.8	14.6	21.8



#36

1,1-Dichloropropene

Concen: 48.074 ug/l

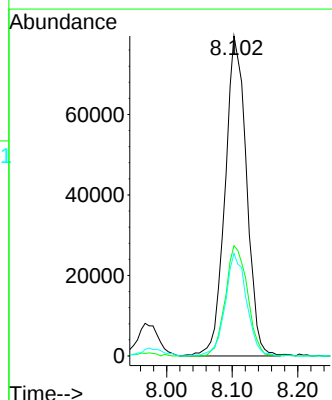
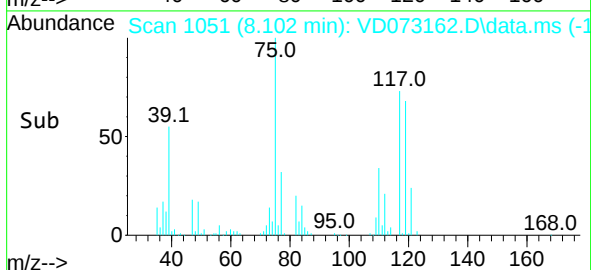
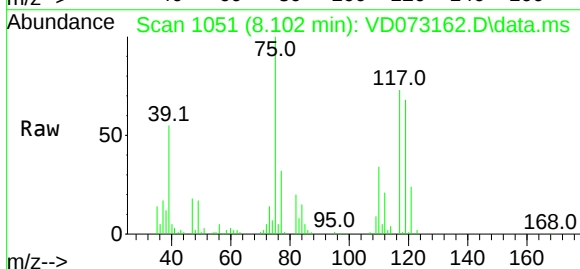
RT: 8.102 min Scan# 1051

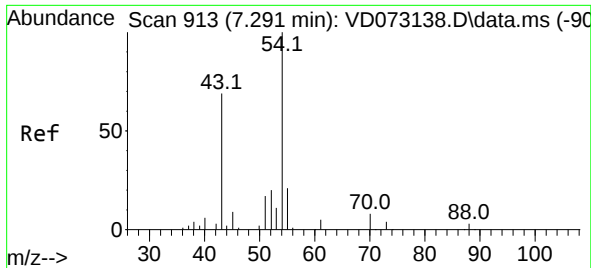
Delta R.T. -0.006 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Tgt Ion:	75	Resp:	180393
Ion	Ratio	Lower	Upper
75	100		
110	35.6	16.4	49.1
77	31.8	24.2	36.2





#37

Ethyl Acetate

Concen: 15.329 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS

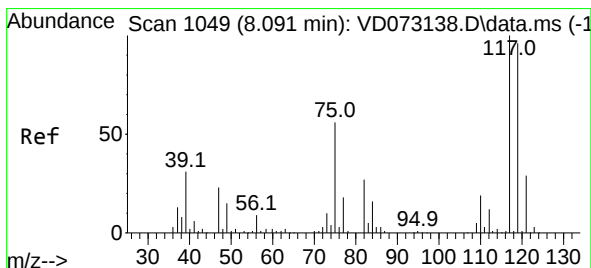
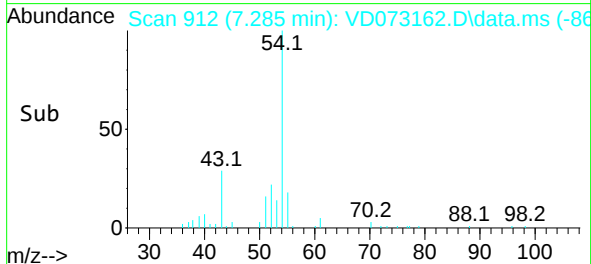
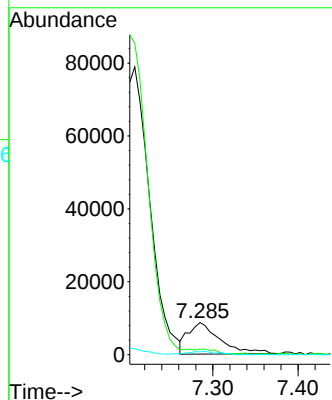
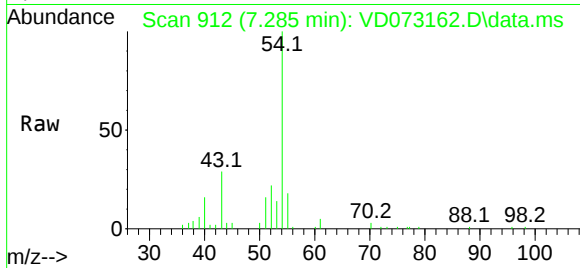
Tgt Ion: 43 Resp: 22720

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 9.6 6.9 10.3



#38

Carbon Tetrachloride

Concen: 48.114 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

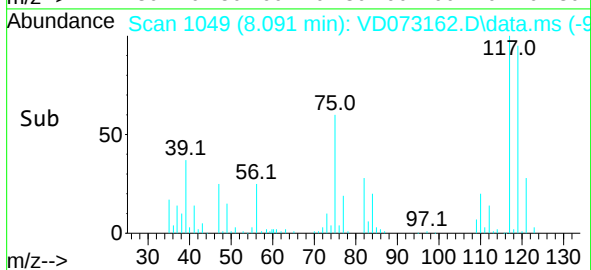
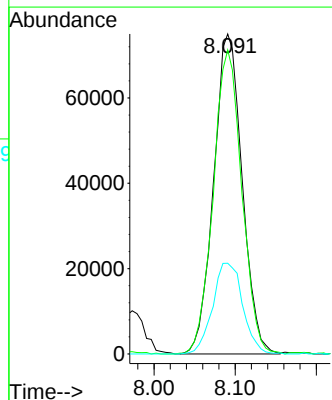
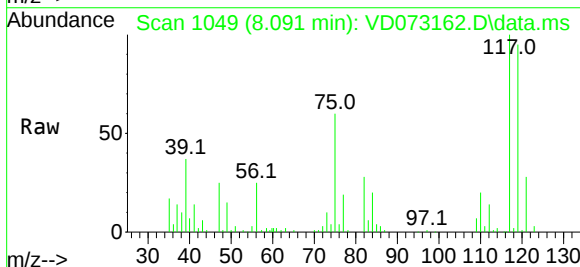
Tgt Ion: 117 Resp: 183009

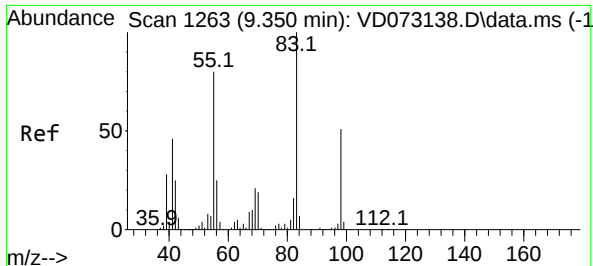
Ion Ratio Lower Upper

117 100

119 94.7 75.8 113.6

121 28.3 24.5 36.7





#39

Methylcyclohexane

Concen: 34.560 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS

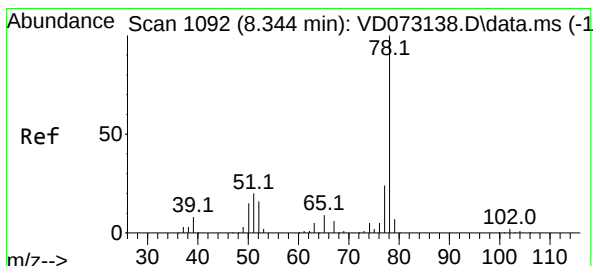
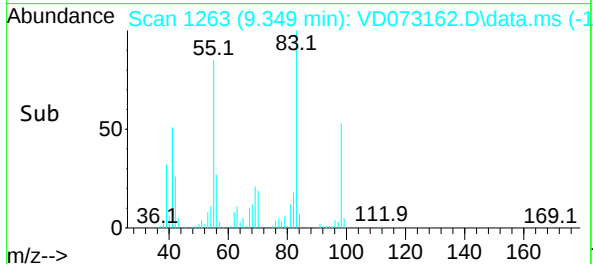
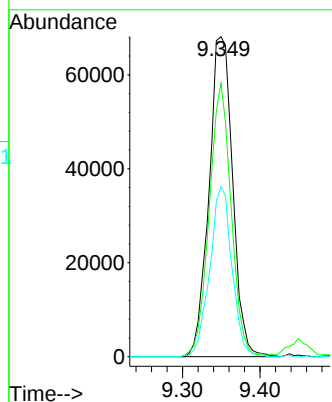
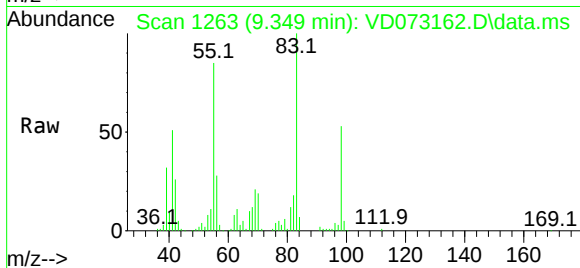
Tgt Ion: 83 Resp: 144524

Ion Ratio Lower Upper

83 100

55 85.4 63.2 94.8

98 53.1 38.2 57.4



#40

Benzene

Concen: 54.571 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073162.D

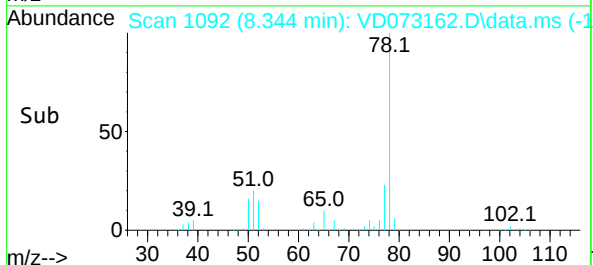
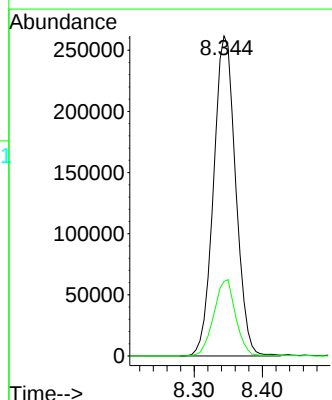
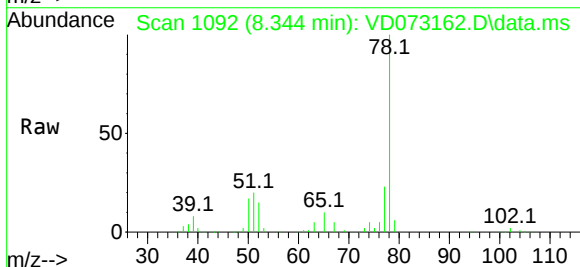
Acq: 20 May 2022 02:31

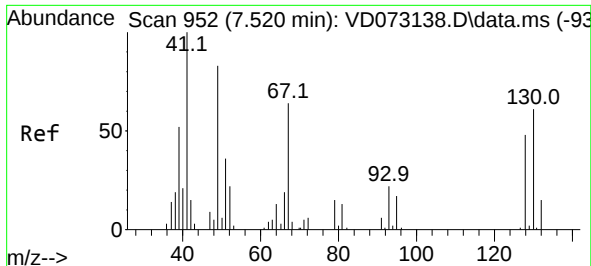
Tgt Ion: 78 Resp: 590152

Ion Ratio Lower Upper

78 100

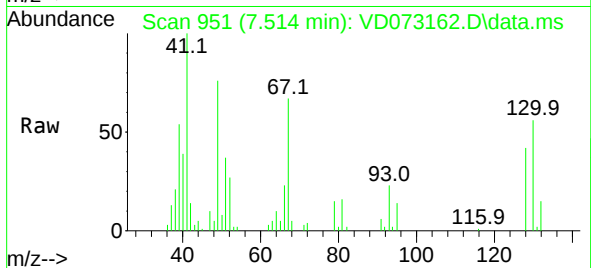
77 23.3 19.1 28.7



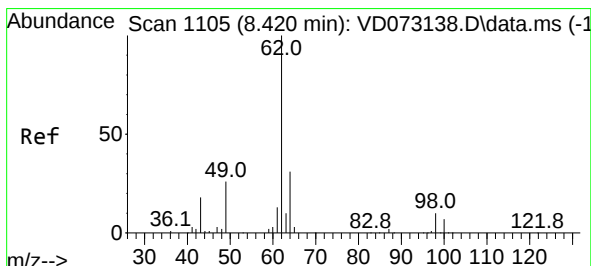
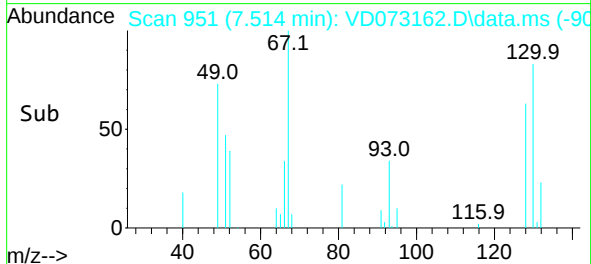
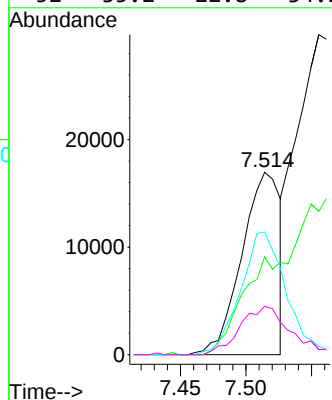


#41
Methacrylonitrile
Concen: 39.935 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

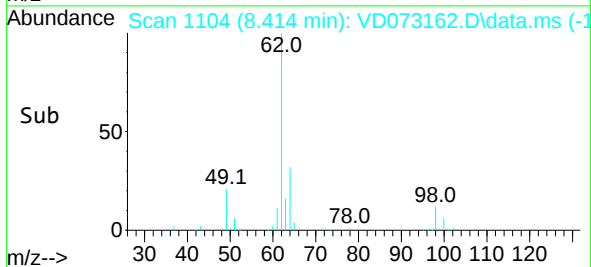
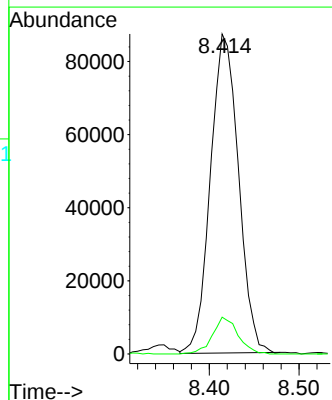
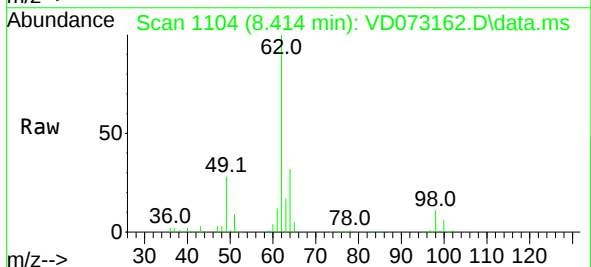


Tgt Ion: 41 Resp: 34486
Ion Ratio Lower Upper
41 100
39 0.0 44.6 67.0#
67 79.5 48.2 72.4#
52 35.2 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 62.982 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 62 Resp: 189518
Ion Ratio Lower Upper
62 100
98 10.5 0.0 17.6

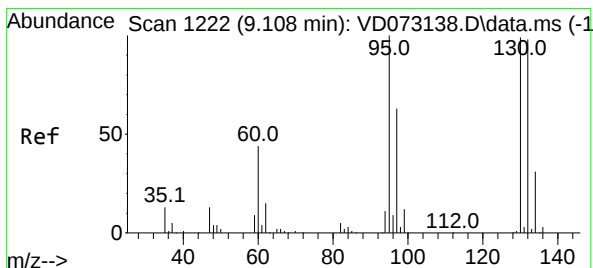
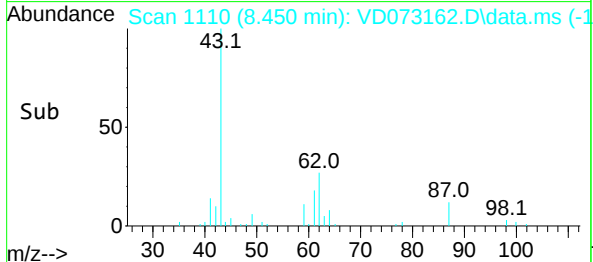
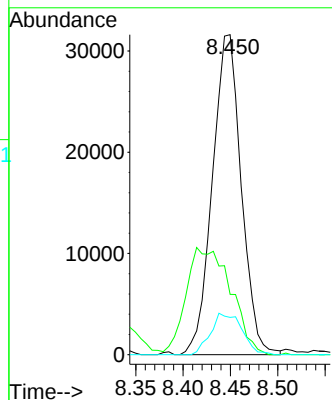
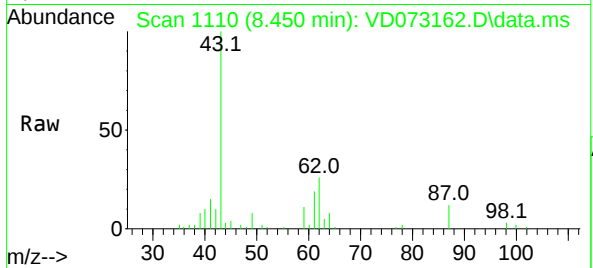




#43
Isopropyl Acetate
Concen: 24.506 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

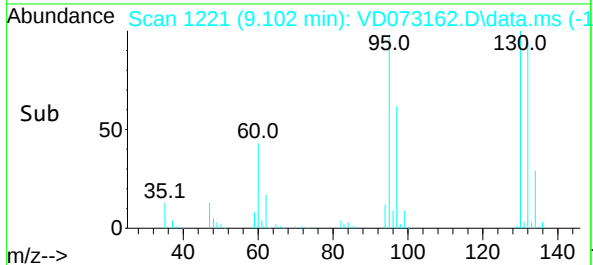
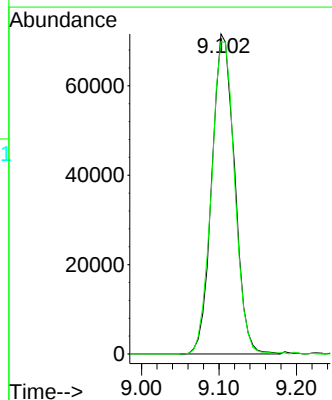
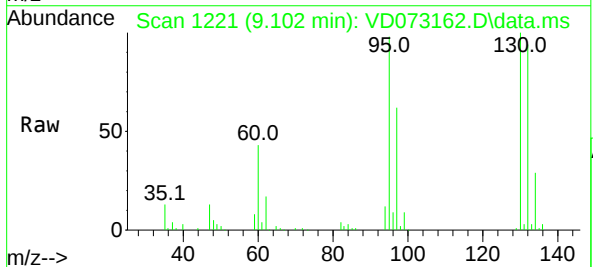
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

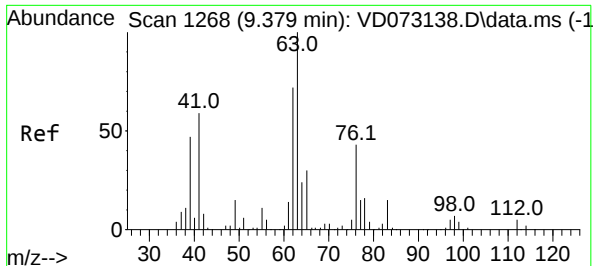
Tgt Ion: 43 Resp: 67137
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 14.0 8.7 13.1#



#44
Trichloroethene
Concen: 50.603 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion:130 Resp: 145931
Ion Ratio Lower Upper
130 100
95 97.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 59.460 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

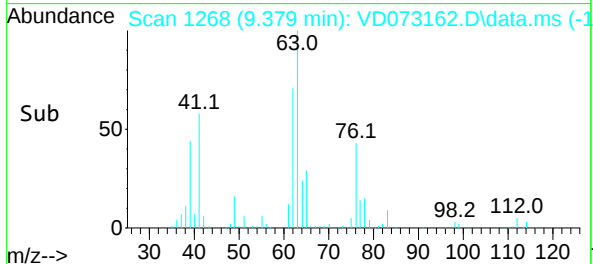
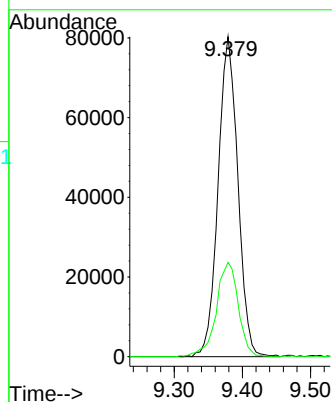
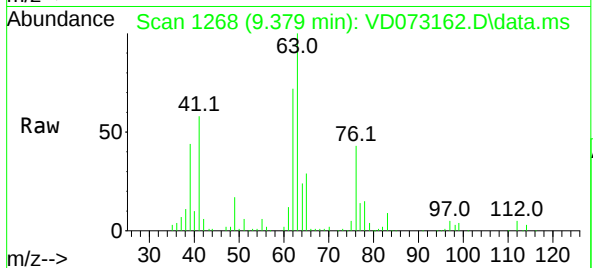
P016-SS005-0006-01MS

Tgt Ion: 63 Resp: 161939

Ion Ratio Lower Upper

63 100

65 29.5 26.2 39.4



#46

Dibromomethane

Concen: 66.008 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

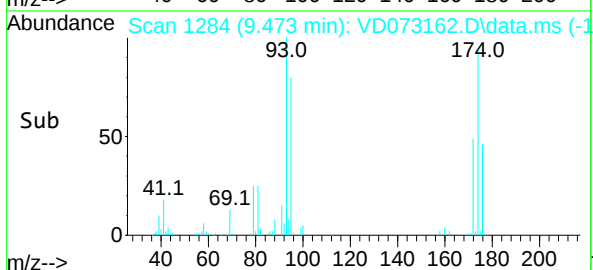
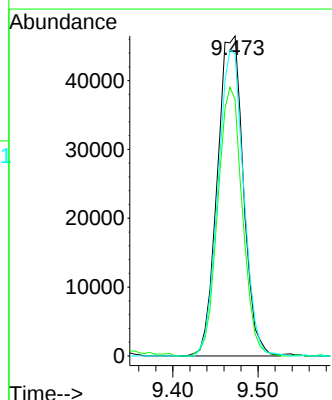
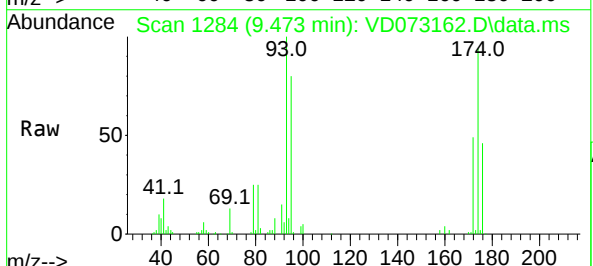
Tgt Ion: 93 Resp: 98734

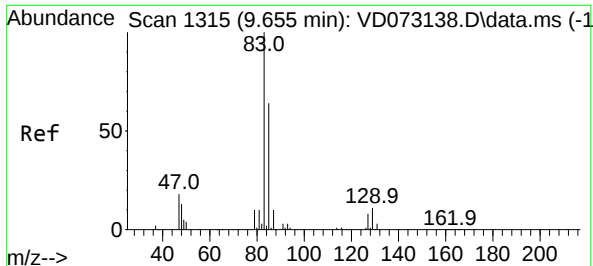
Ion Ratio Lower Upper

93 100

95 79.4 66.7 100.1

174 93.9 71.6 107.4

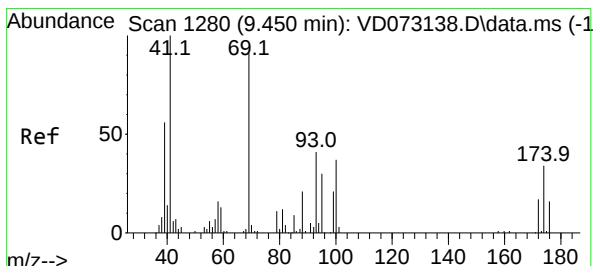
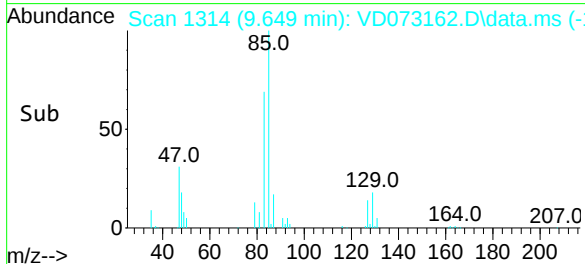
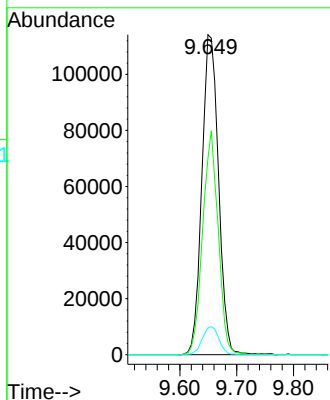
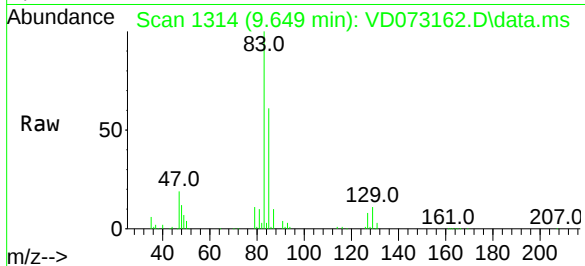




#47
Bromodichloromethane
Concen: 60.475 ug/l
RT: 9.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

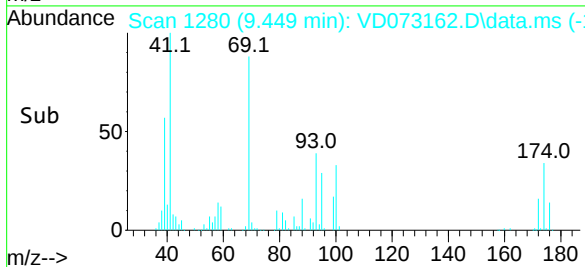
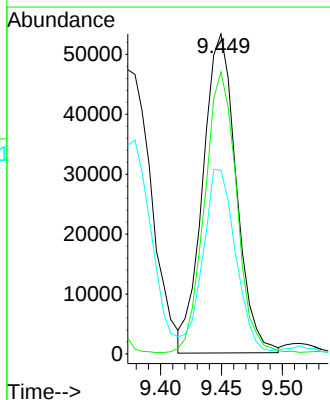
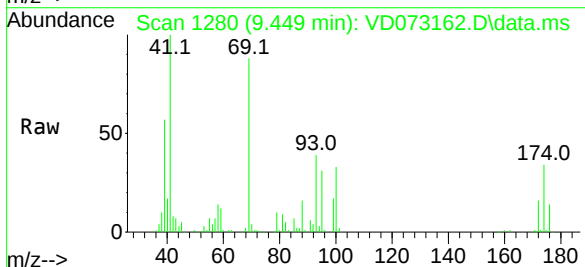
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

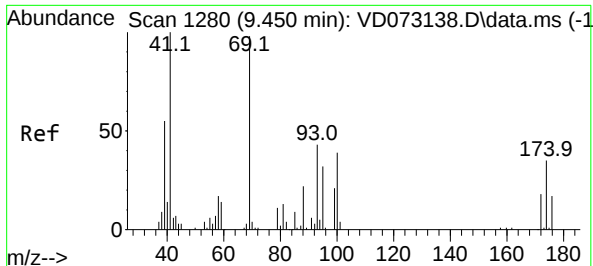
Tgt Ion: 83 Resp: 231453
Ion Ratio Lower Upper
83 100
85 61.4 51.4 77.0
127 8.4 6.1 9.1



#48
Methyl methacrylate
Concen: 73.570 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 41 Resp: 101403
Ion Ratio Lower Upper
41 100
69 84.8 56.7 85.1
39 56.8 42.7 64.1

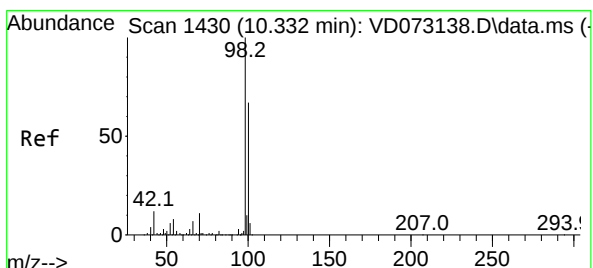
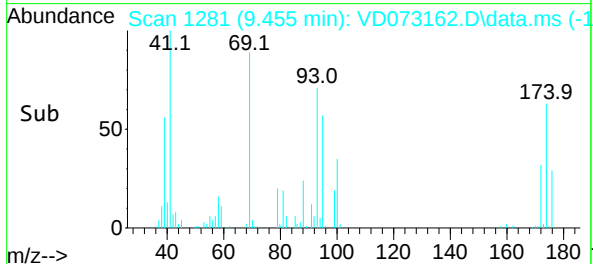
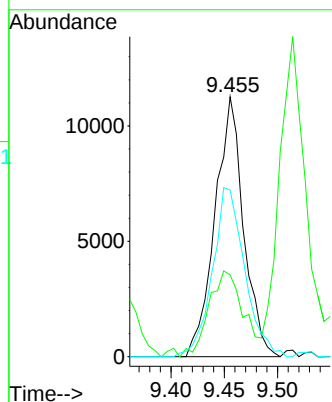
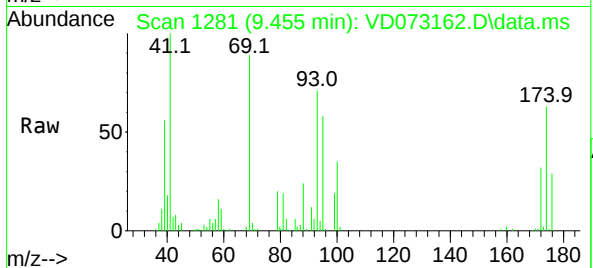




#49
1,4-Dioxane
Concen: 1360.393 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.005 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

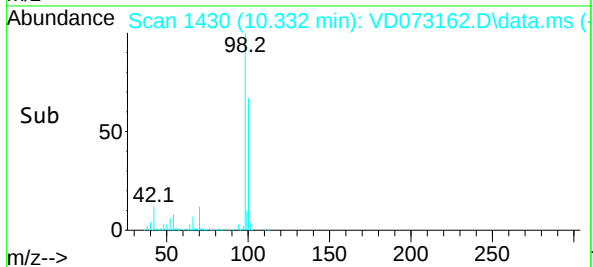
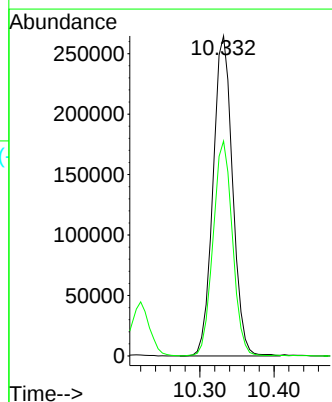
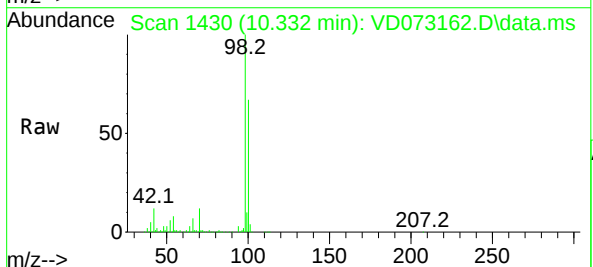
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

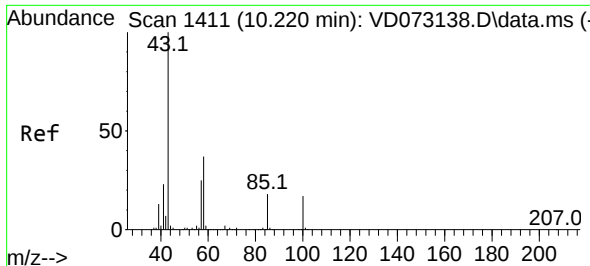
Tgt Ion: 88 Resp: 21014
Ion Ratio Lower Upper
88 100
43 40.0 31.0 46.4
58 73.2 58.1 87.1



#50
Toluene-d8
Concen: 52.647 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 98 Resp: 484201
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

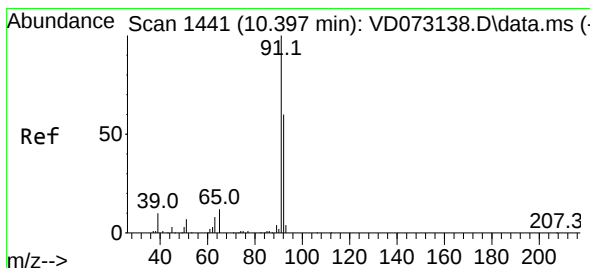
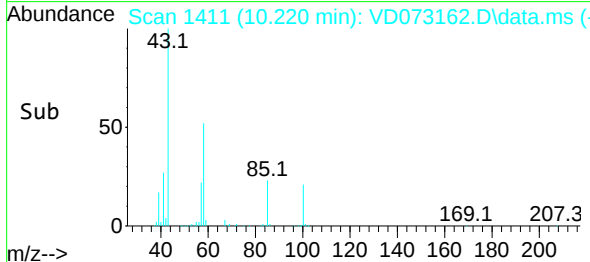
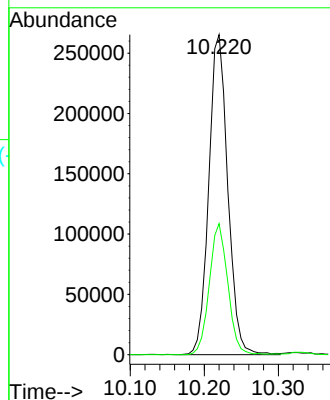
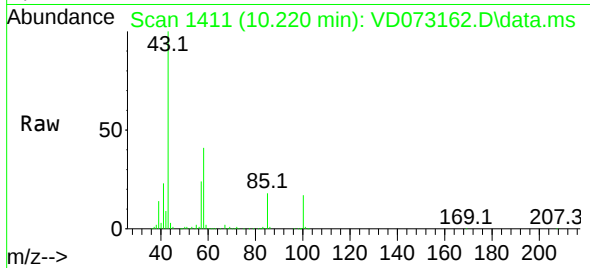




#51
4-Methyl-2-Pentanone
Concen: 332.511 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

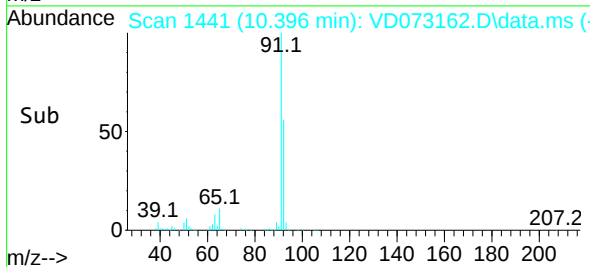
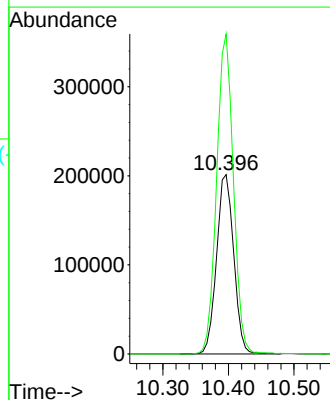
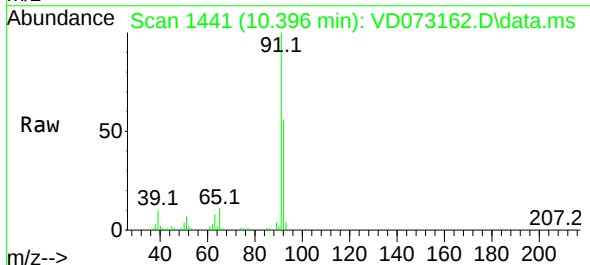
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

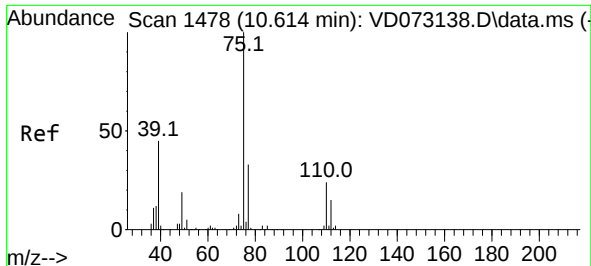
Tgt Ion: 43 Resp: 473126
Ion Ratio Lower Upper
43 100
58 39.7 28.6 43.0



#52
Toluene
Concen: 53.422 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 92 Resp: 365076
Ion Ratio Lower Upper
92 100
91 174.5 139.6 209.4

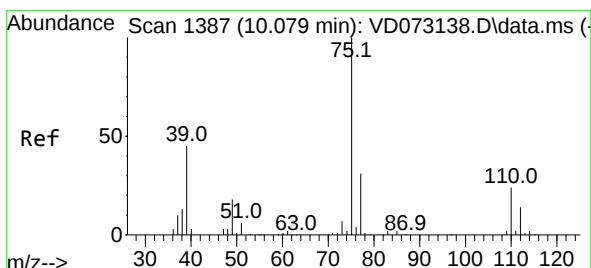
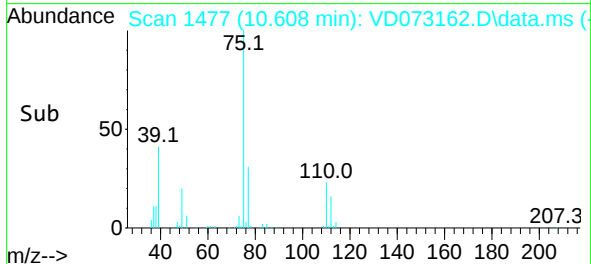
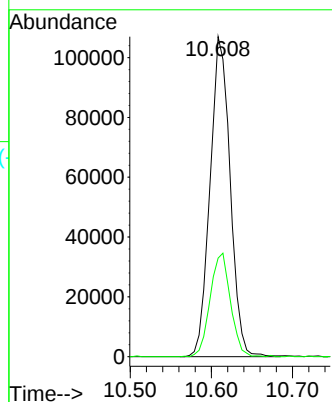
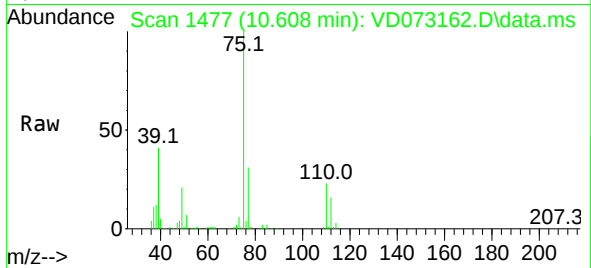




#53
 t-1,3-Dichloropropene
 Concen: 53.169 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

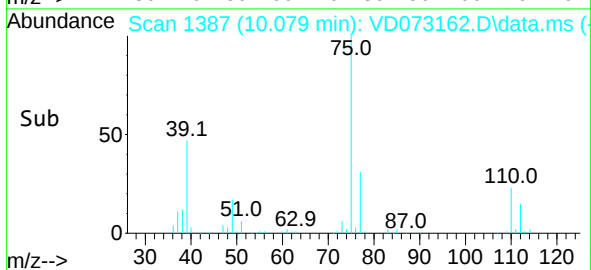
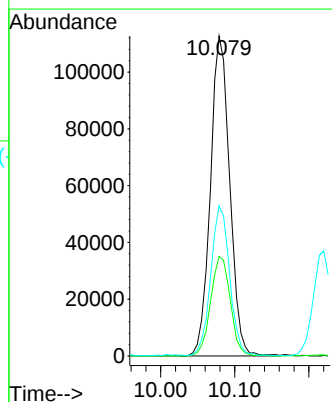
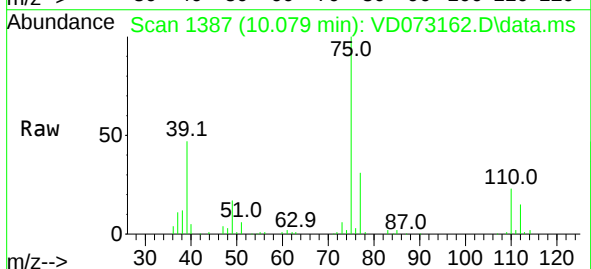
Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

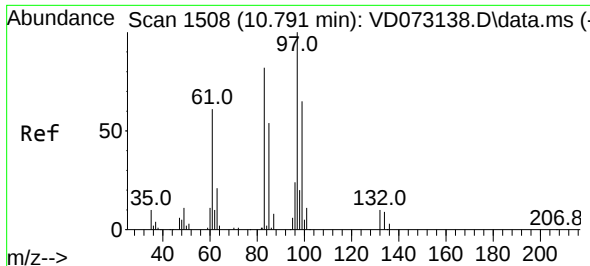
Tgt Ion: 75 Resp: 183838
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.283 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Tgt Ion: 75 Resp: 203916
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.8 37.2
 39 46.7 46.8 70.2#



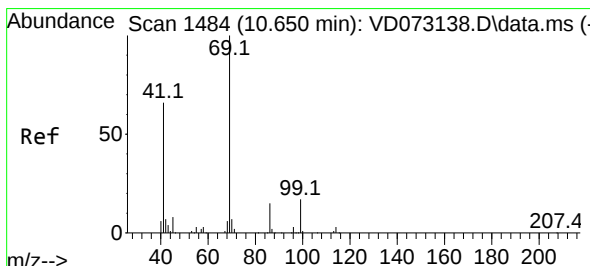
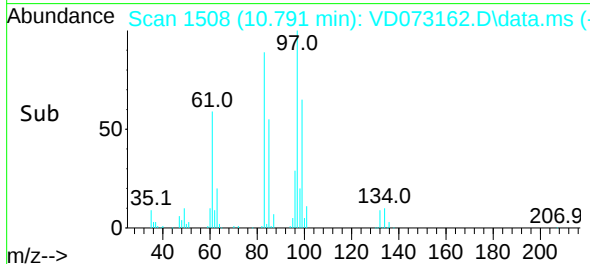
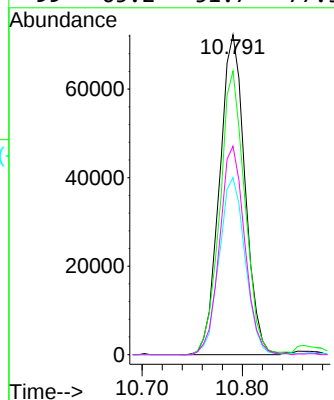
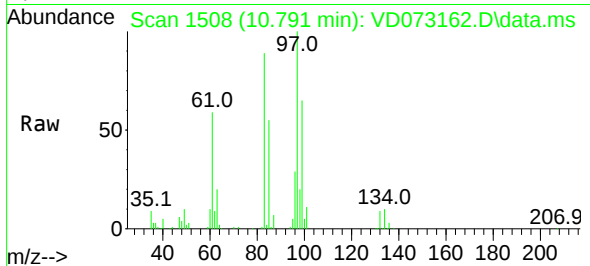


#55
1,1,2-Trichloroethane
Concen: 62.796 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

Tgt Ion: 97 Resp: 127018

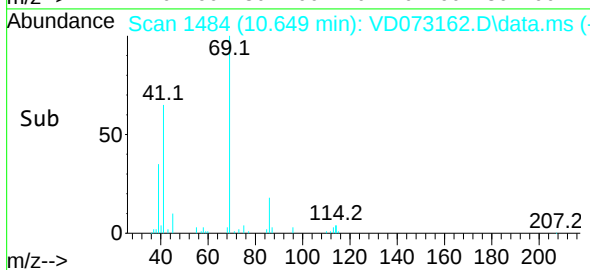
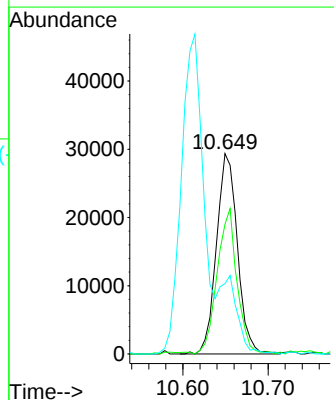
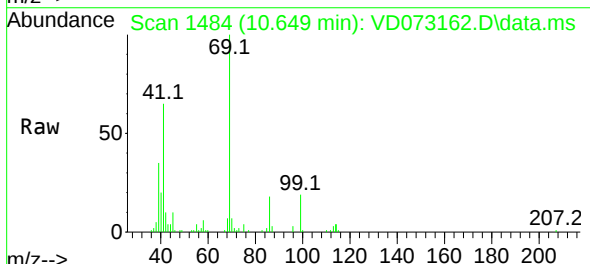
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.0	103.4
85	55.3	42.6	63.8
99	65.2	51.7	77.5

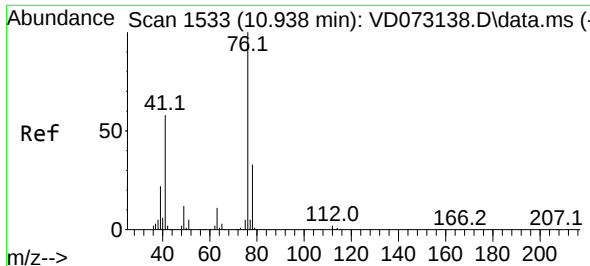


#56
Ethyl methacrylate
Concen: 22.332 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 69 Resp: 50223

Ion	Ratio	Lower	Upper
69	100		
41	68.6	63.0	94.6
39	0.0	33.8	50.8

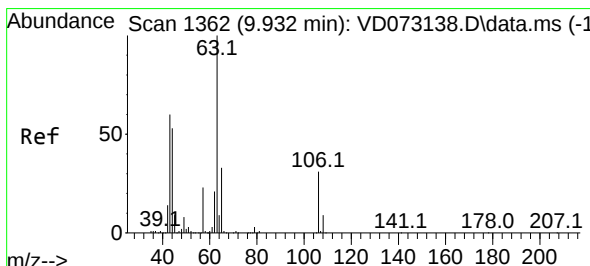
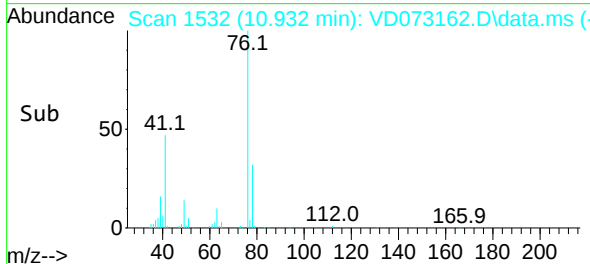
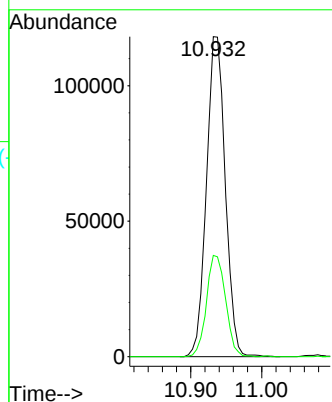
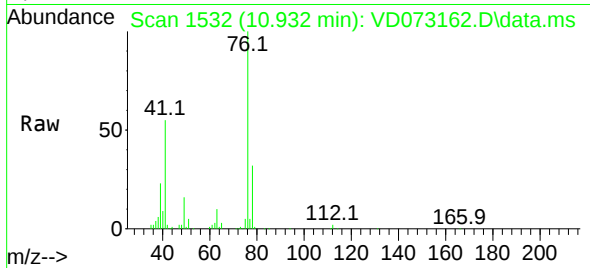




#57
1,3-Dichloropropane
Concen: 64.130 ug/l
RT: 10.932 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

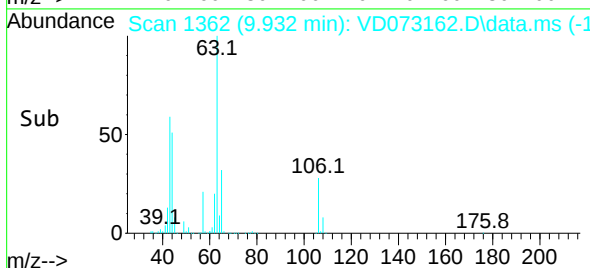
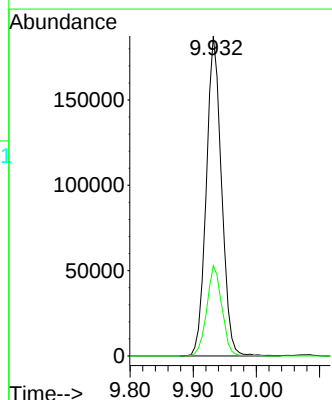
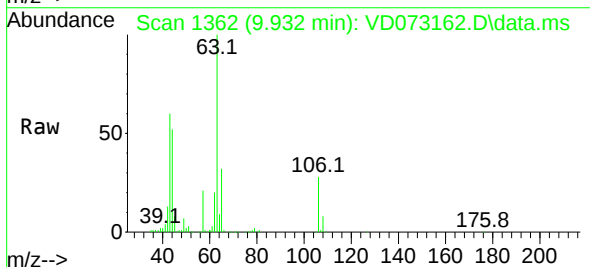
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

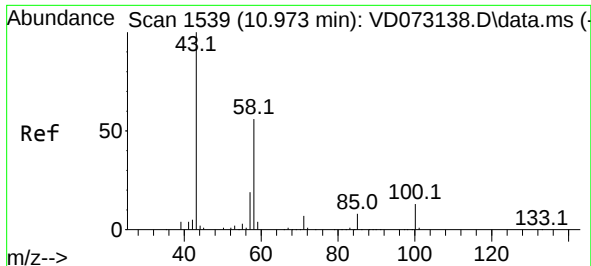
Tgt Ion: 76 Resp: 217652
Ion Ratio Lower Upper
76 100
78 32.1 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 290.288 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 63 Resp: 314239
Ion Ratio Lower Upper
63 100
106 28.0 21.4 32.0

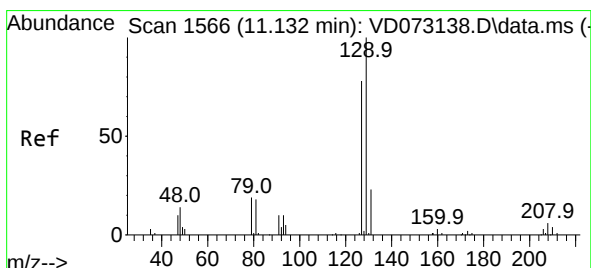
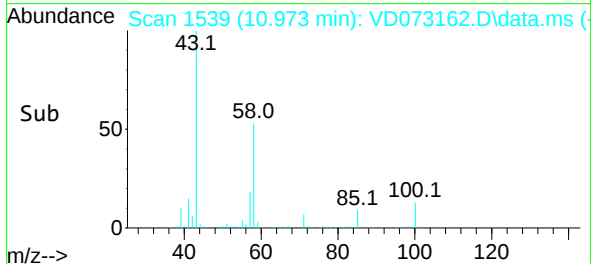
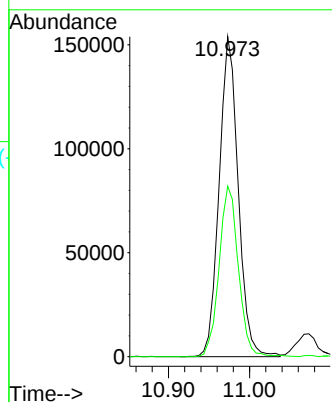
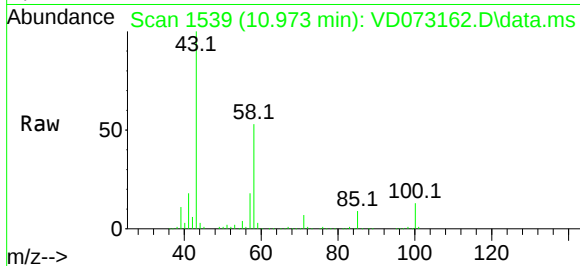




#59
2-Hexanone
Concen: 268.304 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

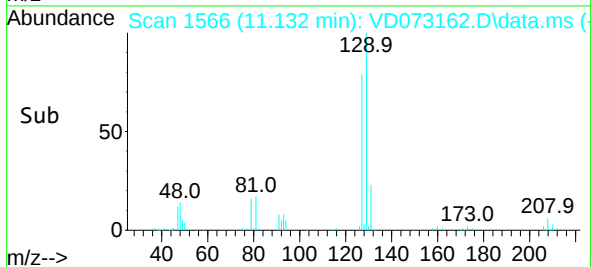
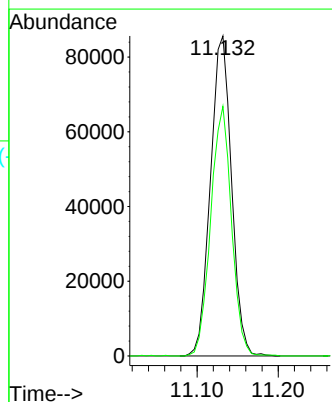
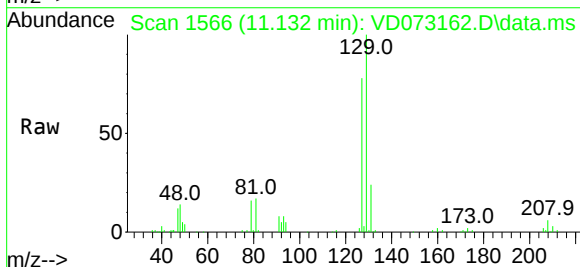
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

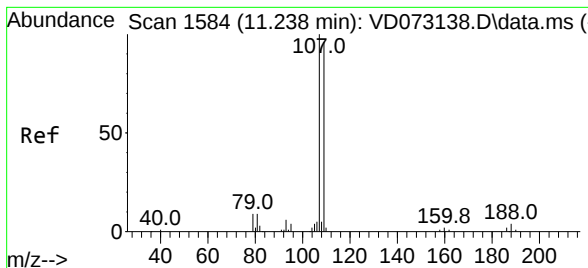
Tgt Ion: 43 Resp: 251693
Ion Ratio Lower Upper
43 100
58 53.8 25.3 75.9



#60
Dibromochloromethane
Concen: 61.309 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 129 Resp: 154631
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

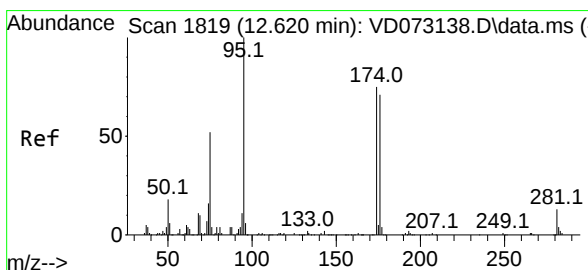
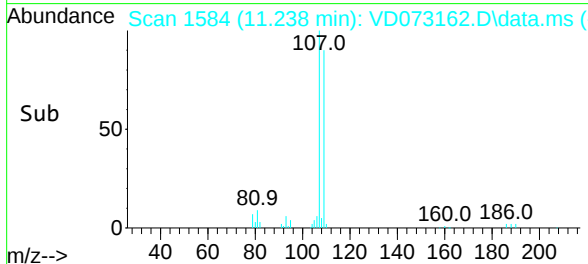
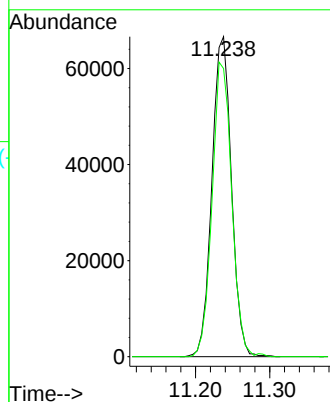
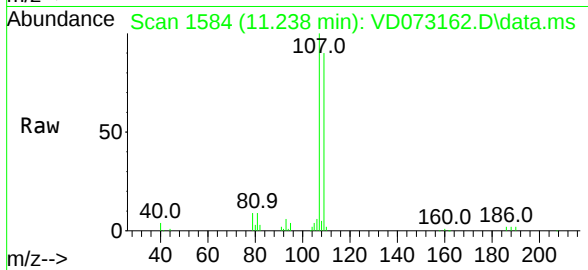




#61
1,2-Dibromoethane
Concen: 62.935 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

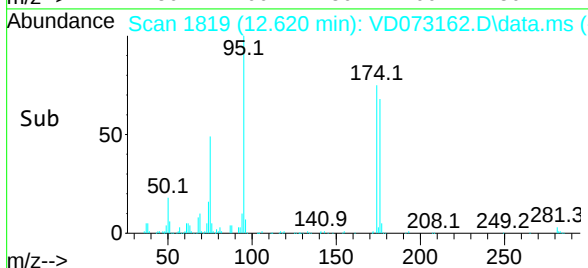
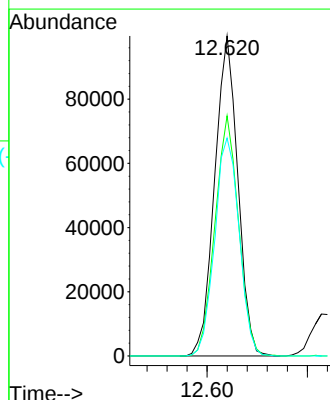
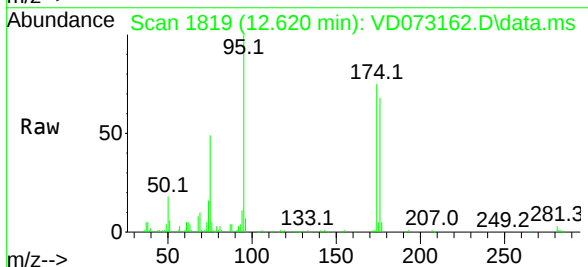
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

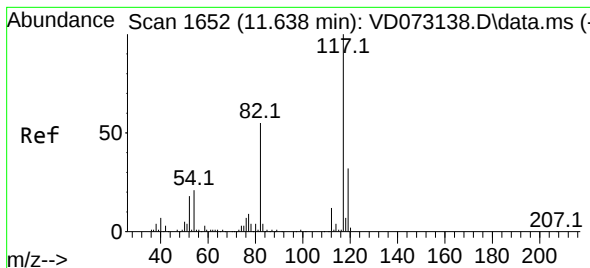
Tgt Ion:107 Resp: 121643
Ion Ratio Lower Upper
107 100
109 92.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 49.445 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 95 Resp: 159589
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 71.8 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: VD073162.D

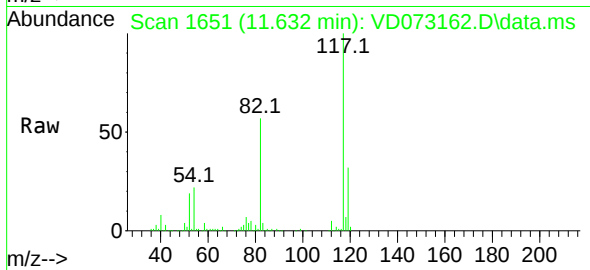
Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS



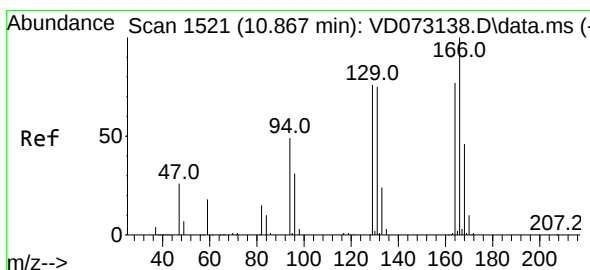
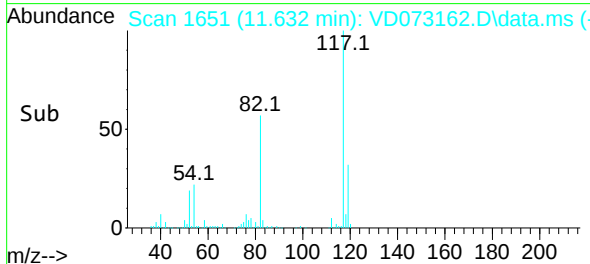
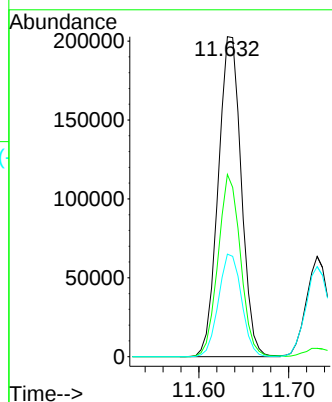
Tgt Ion:117 Resp: 361972

Ion Ratio Lower Upper

117 100

82 56.9 45.3 67.9

119 32.1 26.6 40.0



#64

Tetrachloroethene

Concen: 53.761 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Tgt Ion:164 Resp: 127458

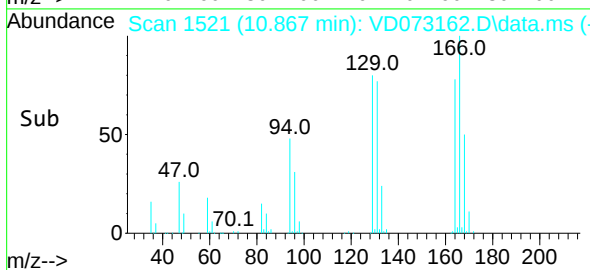
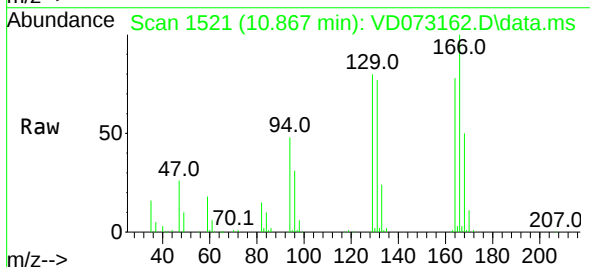
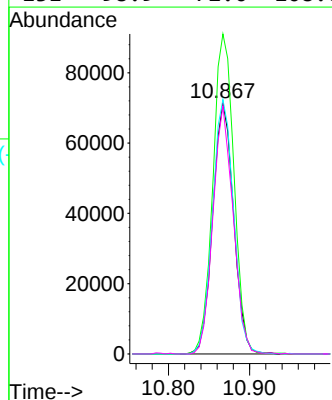
Ion Ratio Lower Upper

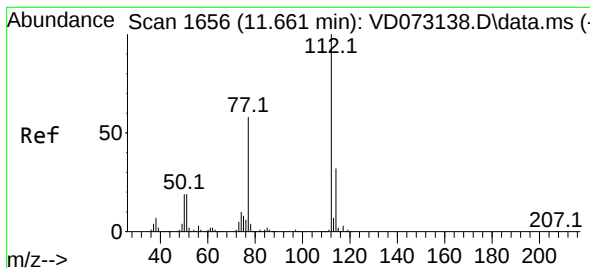
164 100

166 127.6 98.5 147.7

129 101.4 74.6 111.8

131 98.9 72.0 108.0





#65

Chlorobenzene

Concen: 50.451 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

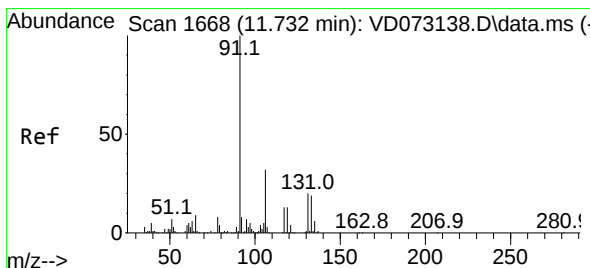
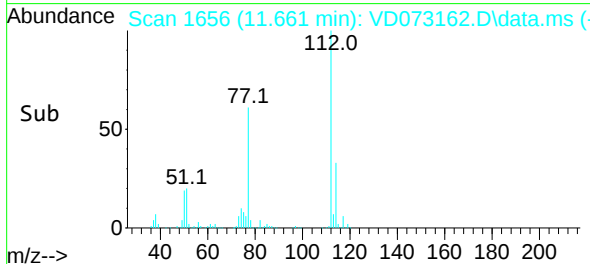
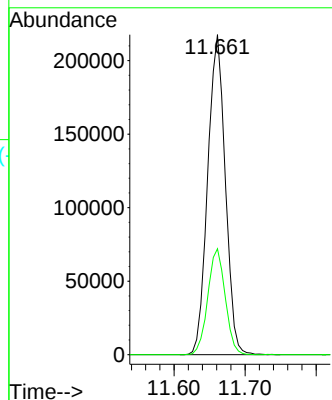
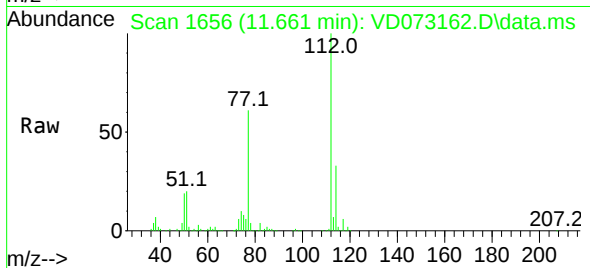
P016-SS005-0006-01MS

Tgt Ion:112 Resp: 374640

Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 55.850 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

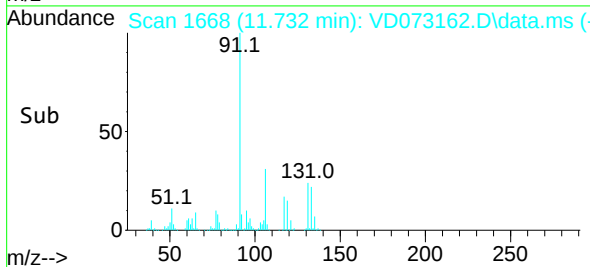
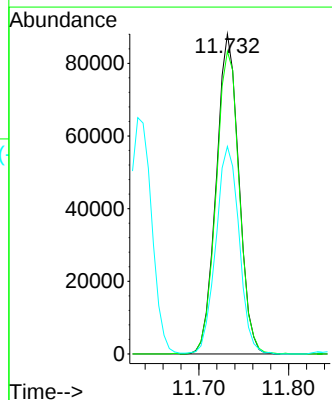
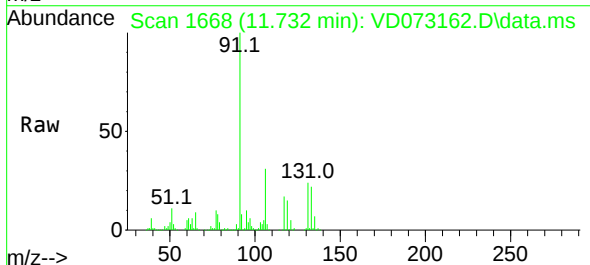
Tgt Ion:131 Resp: 153811

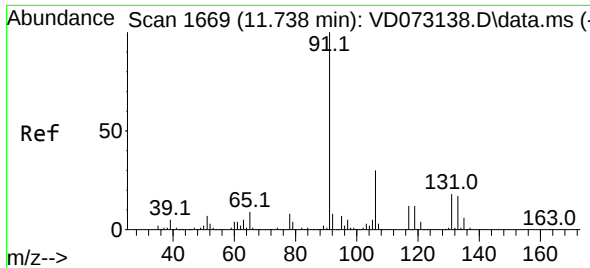
Ion Ratio Lower Upper

131 100

133 97.1 48.1 144.3

119 66.8 31.9 95.9

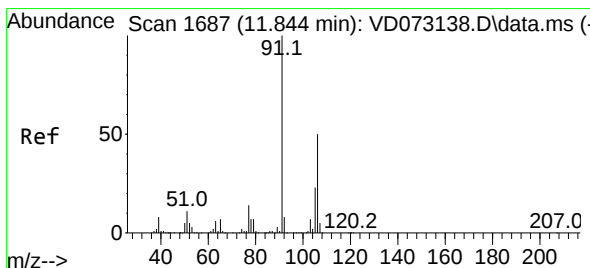
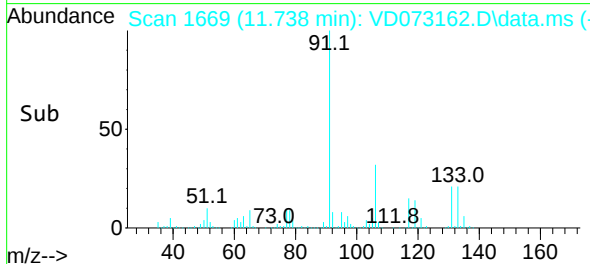
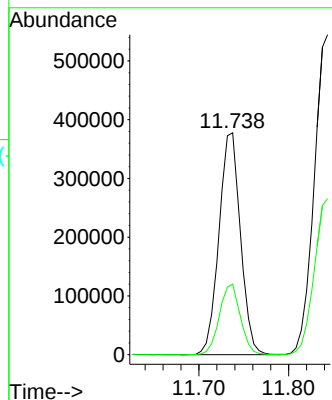
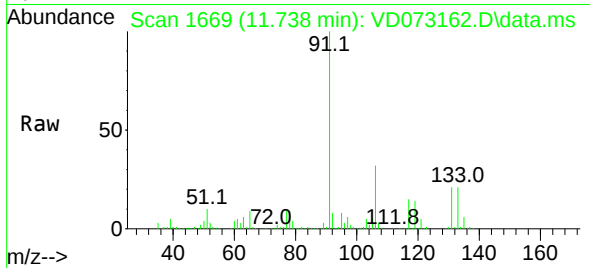




#67
Ethyl Benzene
Concen: 48.206 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

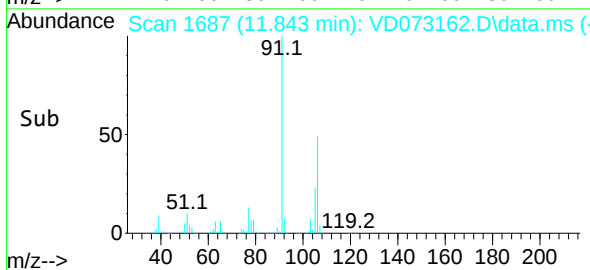
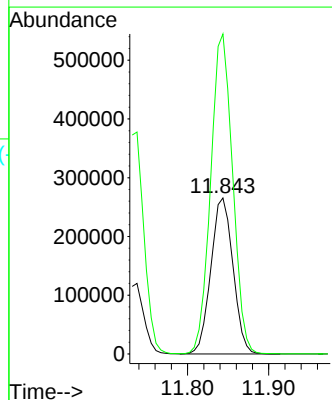
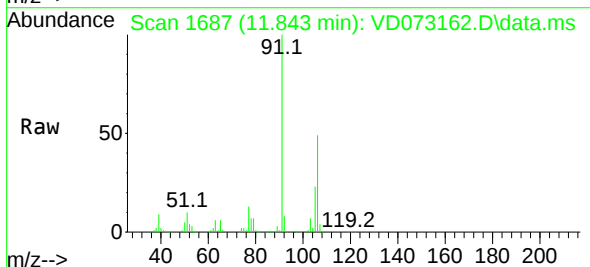
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

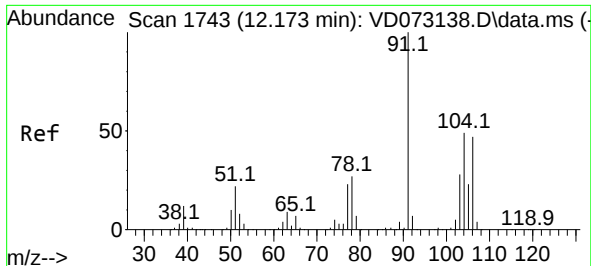
Tgt Ion: 91 Resp: 628399
Ion Ratio Lower Upper
91 100
106 31.8 24.2 36.4



#68
m/p-Xylenes
Concen: 99.295 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 106 Resp: 502884
Ion Ratio Lower Upper
106 100
91 203.6 163.7 245.5

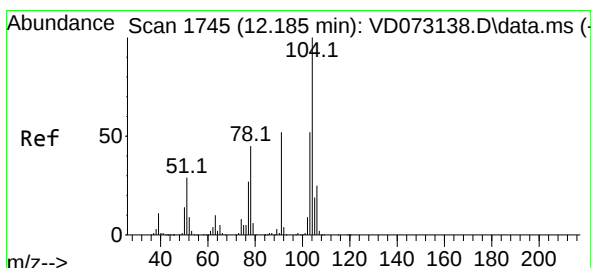
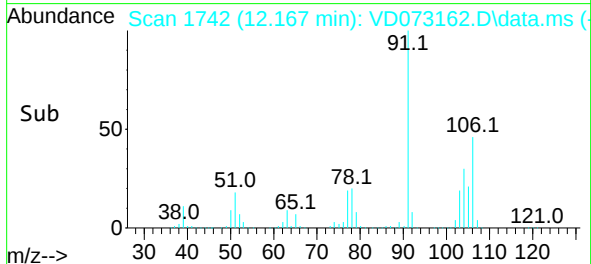
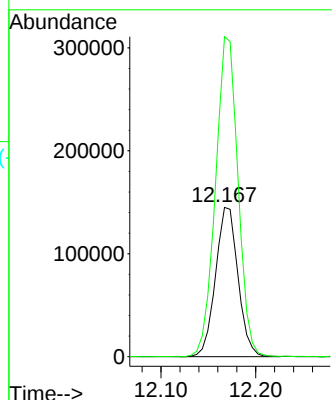
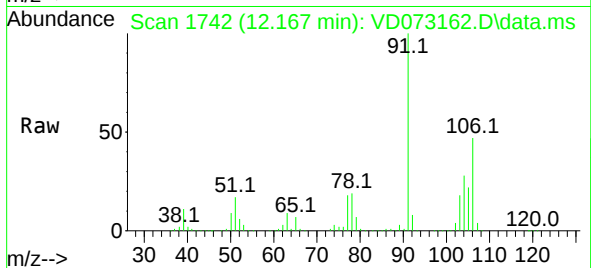




#69
o-Xylene
Concen: 51.431 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

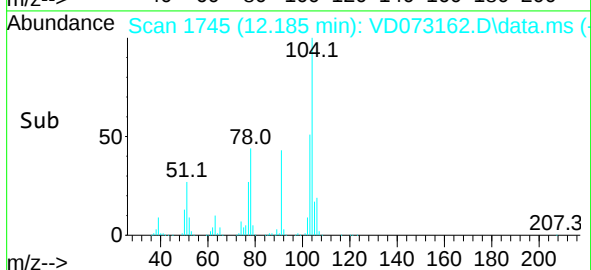
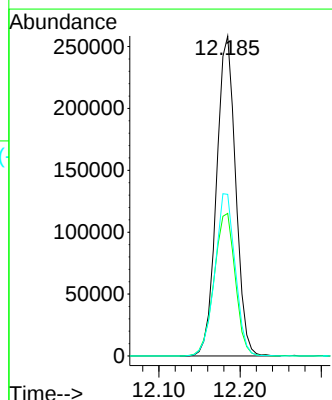
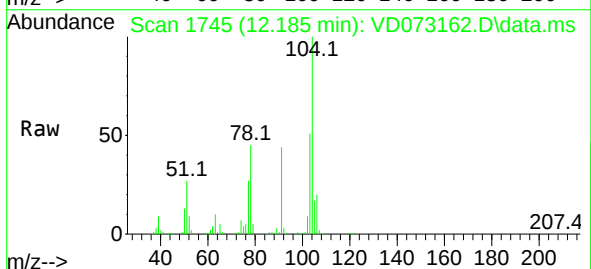
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

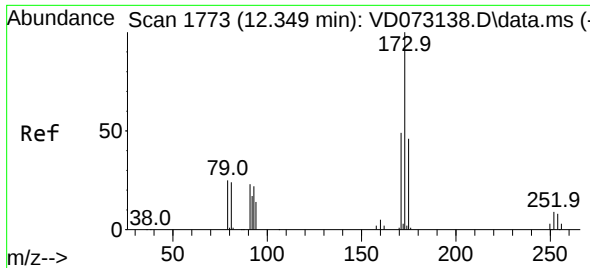
Tgt Ion:106 Resp: 239287
Ion Ratio Lower Upper
106 100
91 215.1 110.4 331.2



#70
Styrene
Concen: 52.966 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion:104 Resp: 423976
Ion Ratio Lower Upper
104 100
78 49.3 41.8 62.8
103 54.0 44.2 66.4

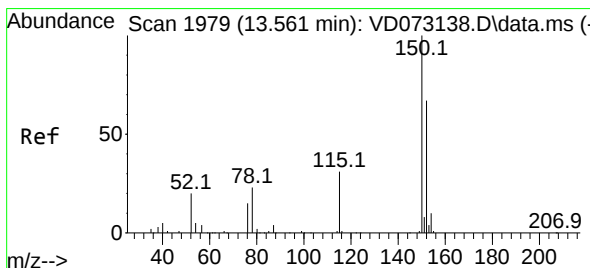
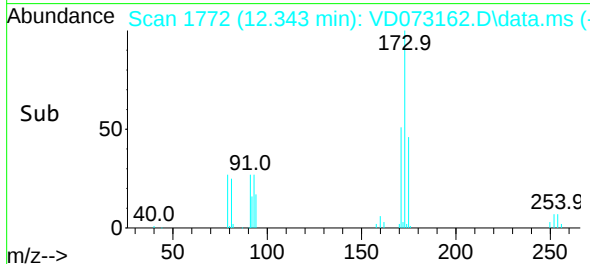
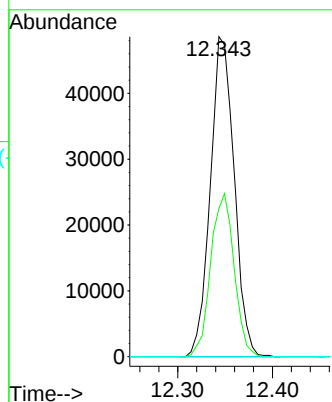
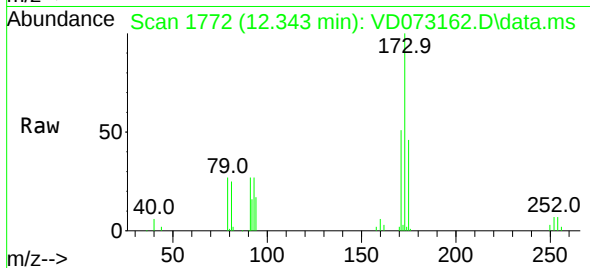




#71
Bromoform
Concen: 60.151 ug/l
RT: 12.343 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

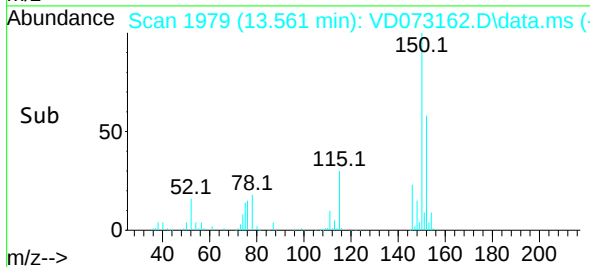
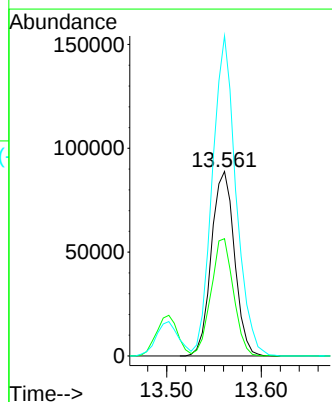
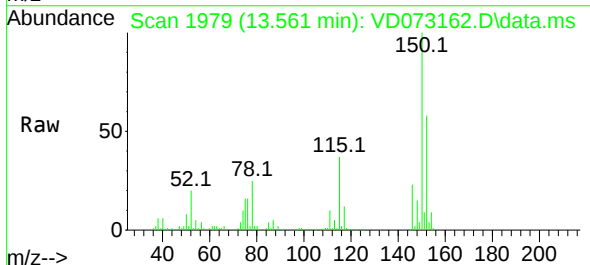
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

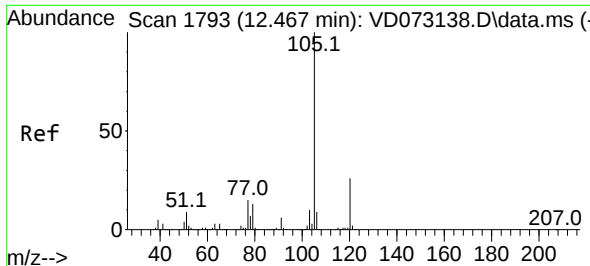
Tgt Ion:173 Resp: 85258
Ion Ratio Lower Upper
173 100
175 49.8 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion:152 Resp: 150839
Ion Ratio Lower Upper
152 100
115 61.9 31.3 93.8
150 177.8 0.0 348.6

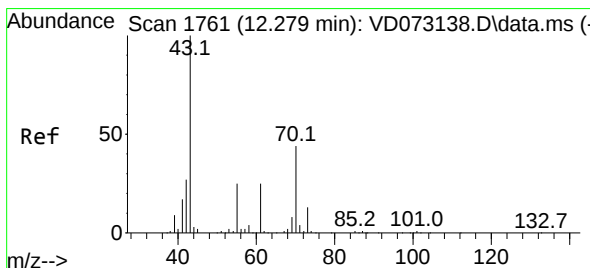
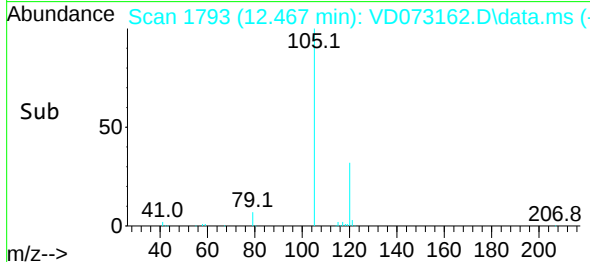
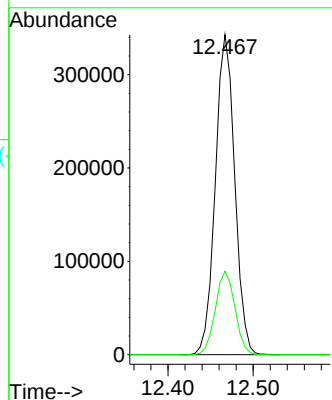
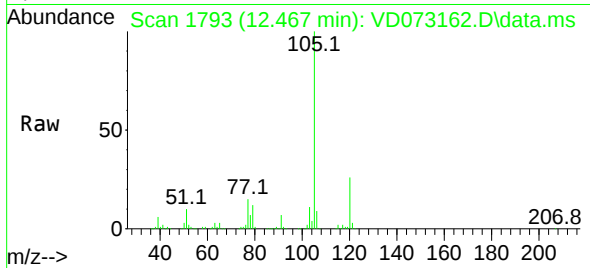




#73
Isopropylbenzene
Concen: 50.391 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

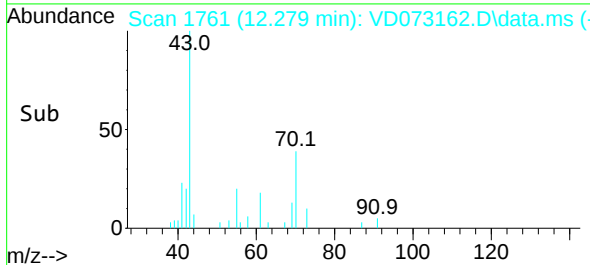
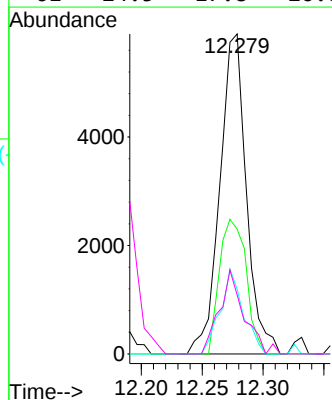
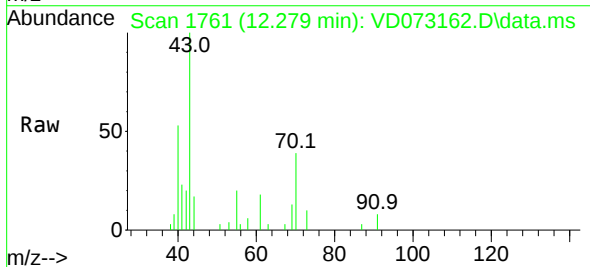
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

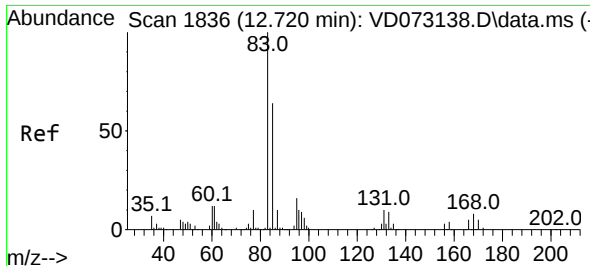
Tgt Ion:105 Resp: 541869
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 3.821 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 43 Resp: 8964
Ion Ratio Lower Upper
43 100
70 42.2 31.3 46.9
55 22.9 20.0 30.0
61 24.5 17.8 26.8

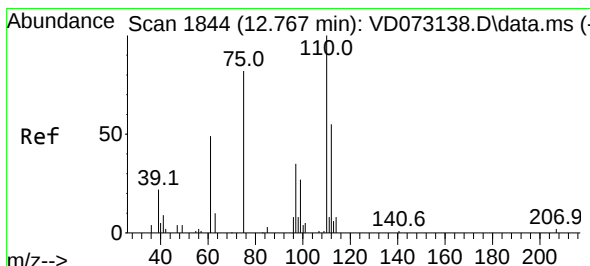
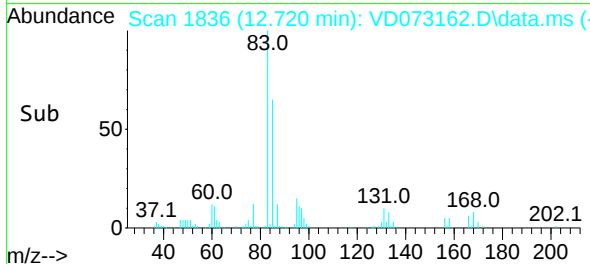
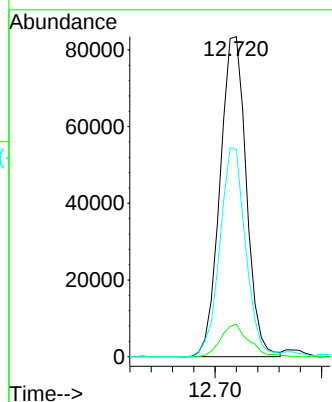
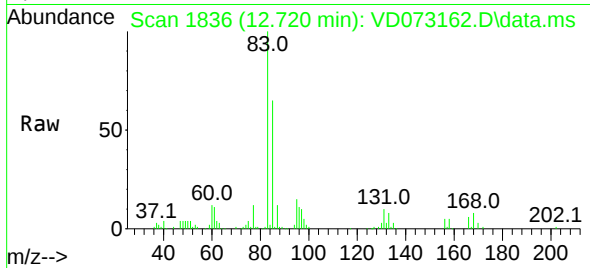




#75
1,1,2,2-Tetrachloroethane
Concen: 72.038 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

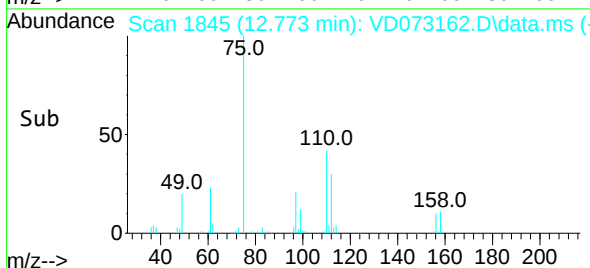
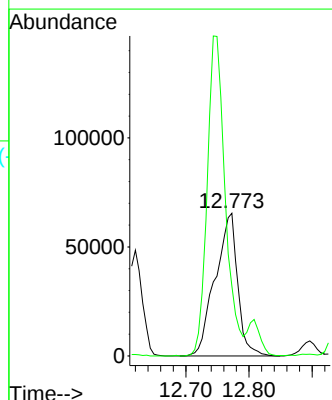
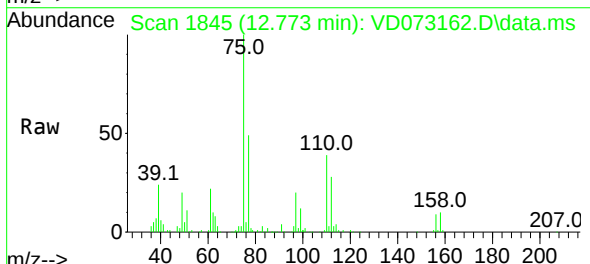
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

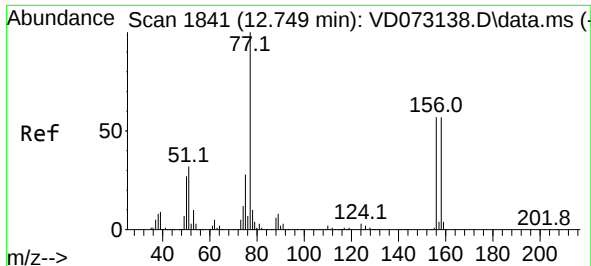
Tgt Ion: 83 Resp: 142867
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 64.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 109.325 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 75 Resp: 161800
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

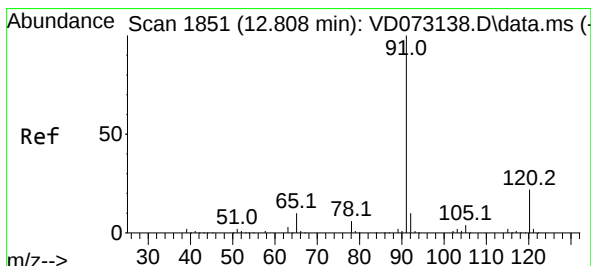
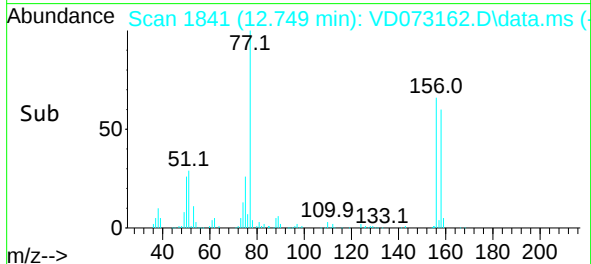
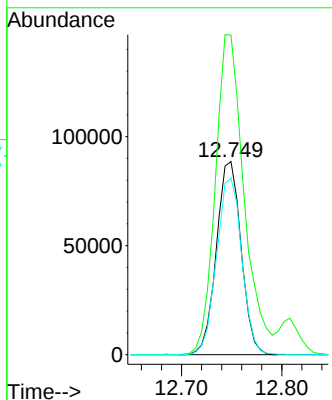
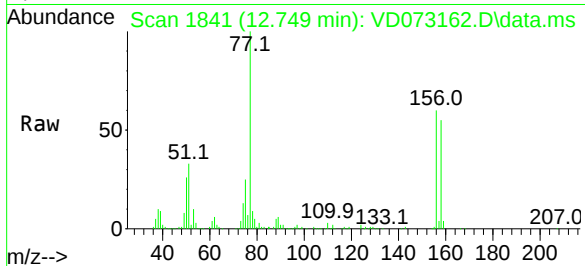




#77
Bromobenzene
Concen: 59.849 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

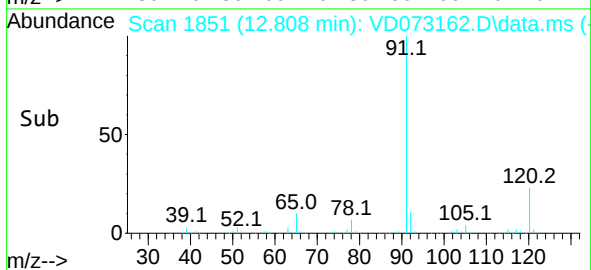
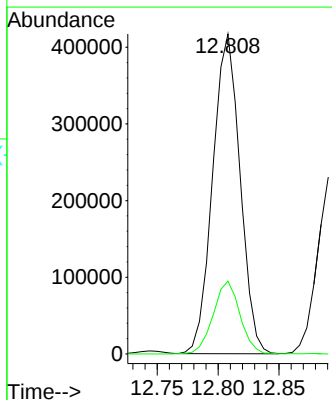
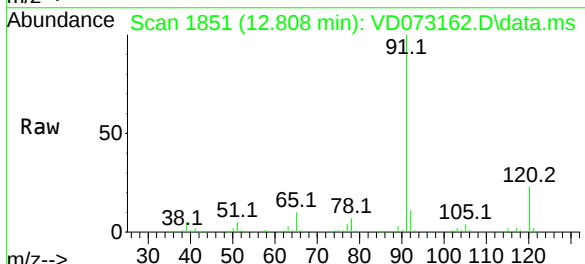
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

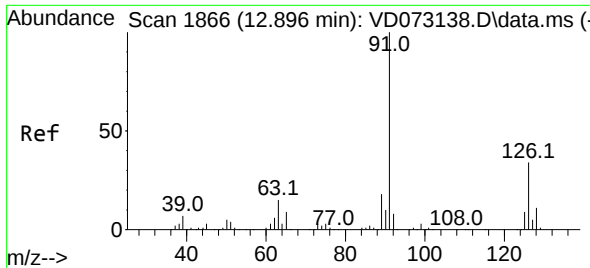
Tgt Ion:156 Resp: 151496
Ion Ratio Lower Upper
156 100
77 192.5 102.8 308.3
158 93.7 48.7 146.1



#78
n-propylbenzene
Concen: 48.320 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 91 Resp: 652314
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

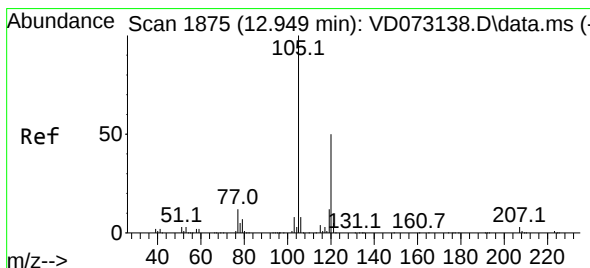
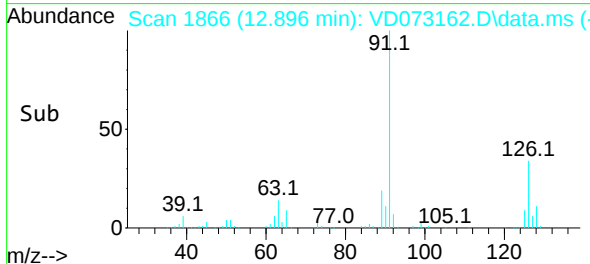
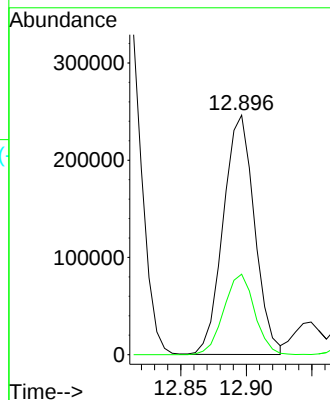
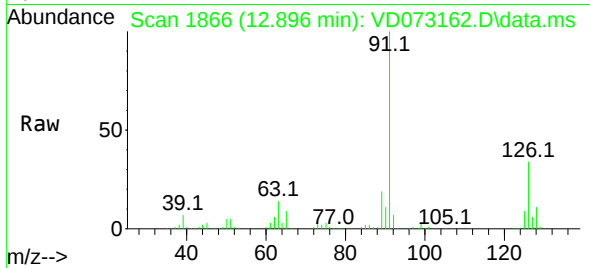




#79
2-Chlorotoluene
Concen: 52.449 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

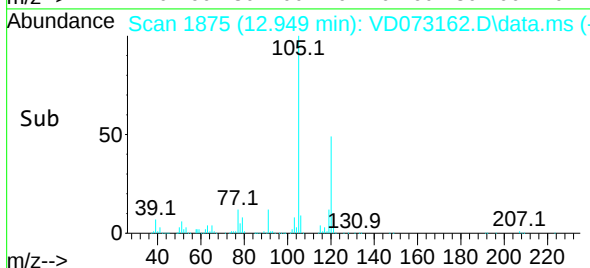
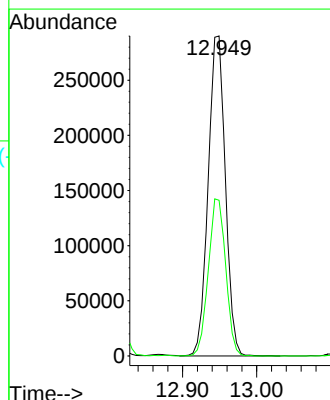
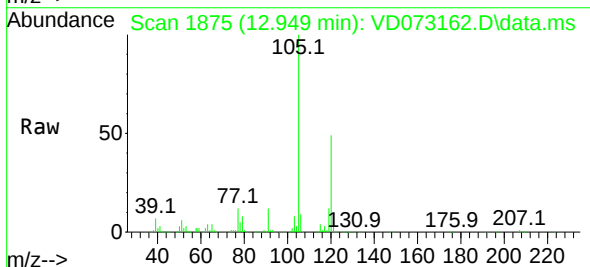
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

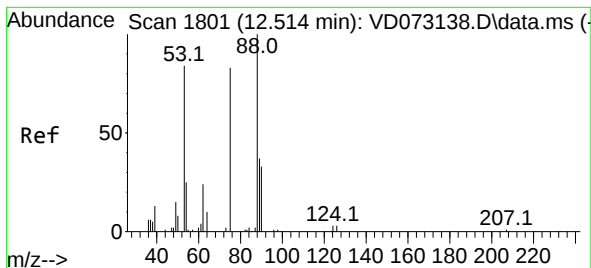
Tgt Ion: 91 Resp: 408819
Ion Ratio Lower Upper
91 100
126 33.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 51.318 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 105 Resp: 467461
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.8

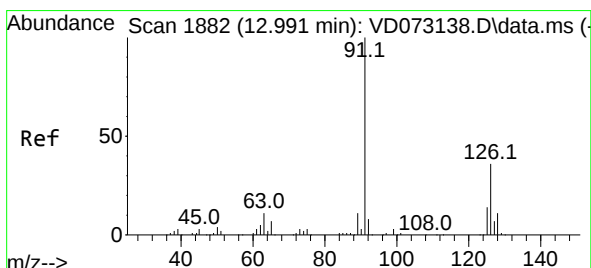
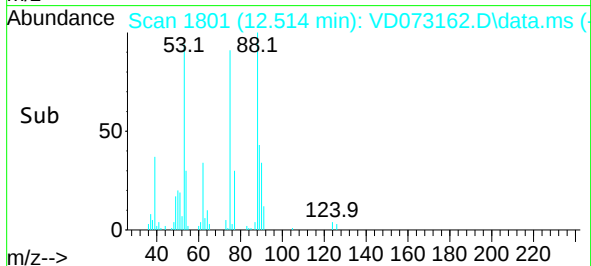
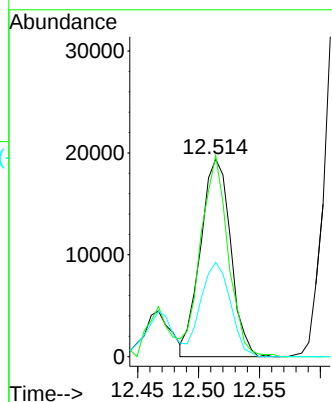
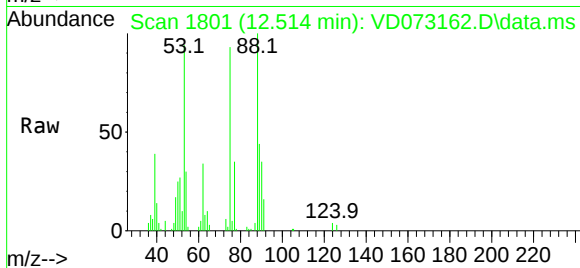




#81
trans-1,4-Dichloro-2-butene
Concen: 54.152 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

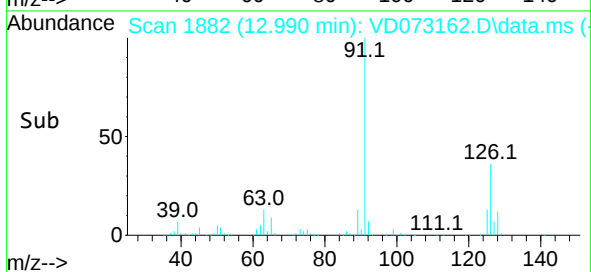
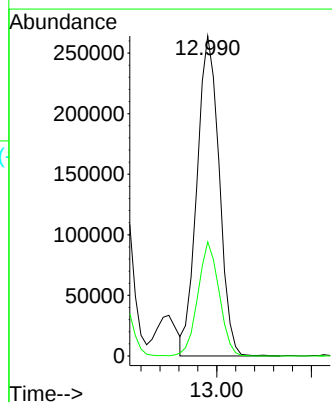
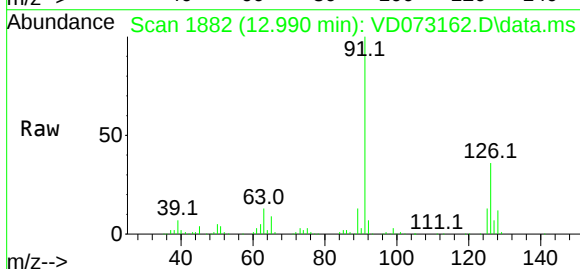
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

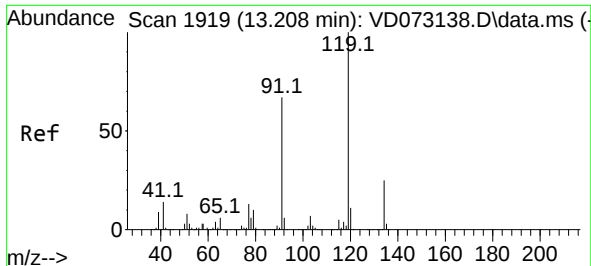
Tgt Ion: 75 Resp: 33384
Ion Ratio Lower Upper
75 100
53 92.6 86.5 129.7
89 46.1 33.9 50.9



#82
4-Chlorotoluene
Concen: 52.636 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 91 Resp: 430039
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5

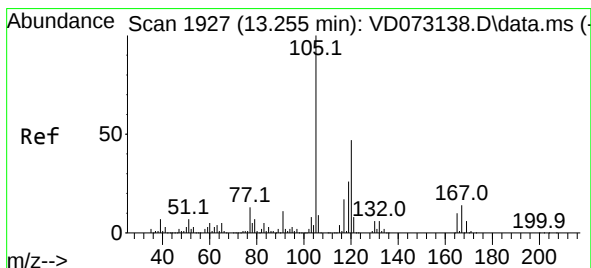
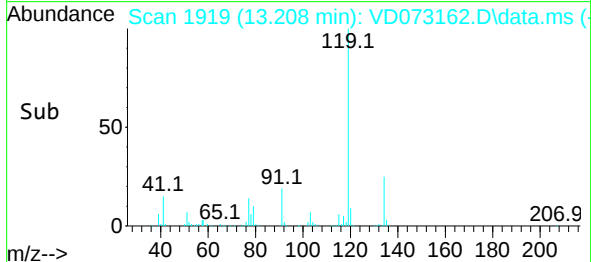
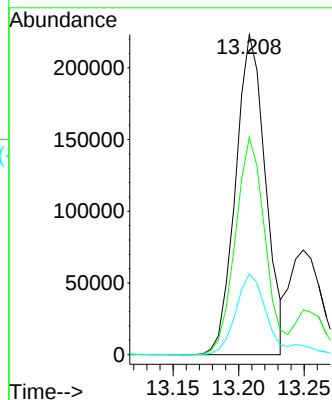
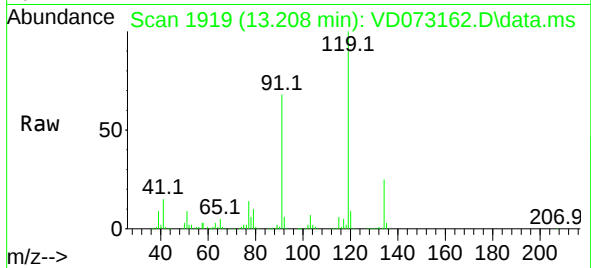




#83
 tert-Butylbenzene
 Concen: 46.261 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

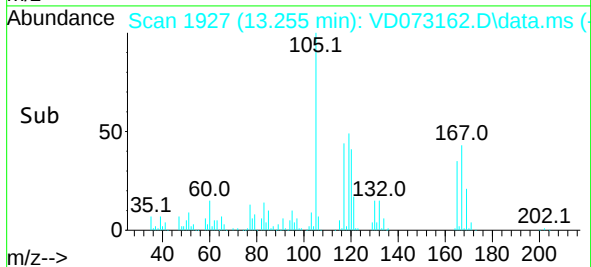
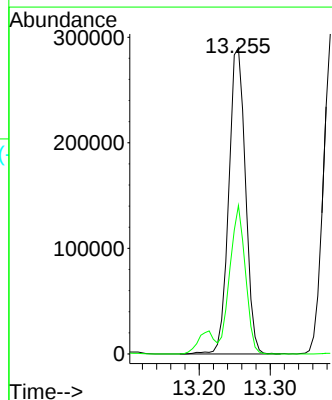
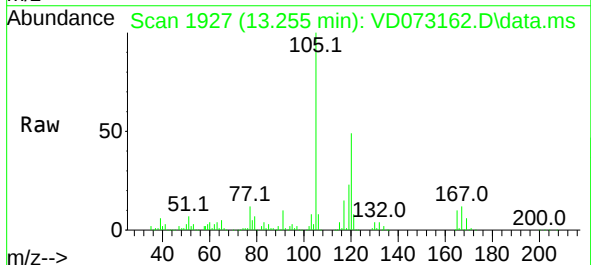
Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

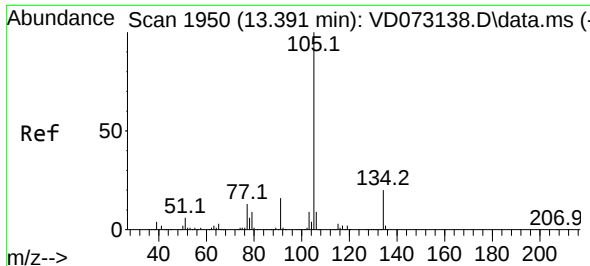
Tgt Ion:119 Resp: 355146
 Ion Ratio Lower Upper
 119 100
 91 67.6 34.8 104.5
 134 25.2 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 52.428 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Tgt Ion:105 Resp: 471788
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8

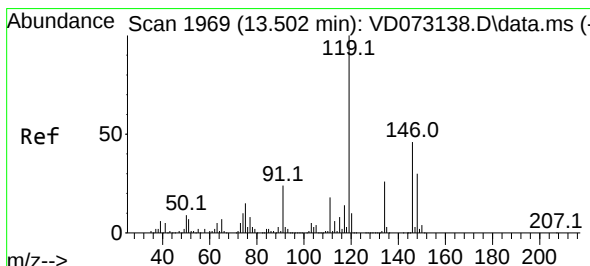
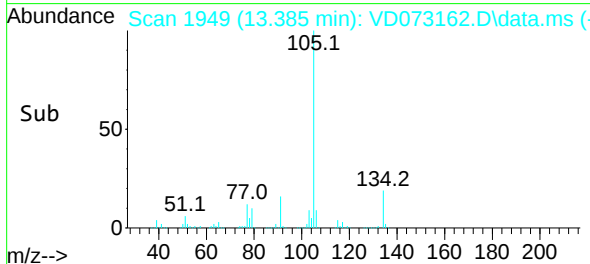
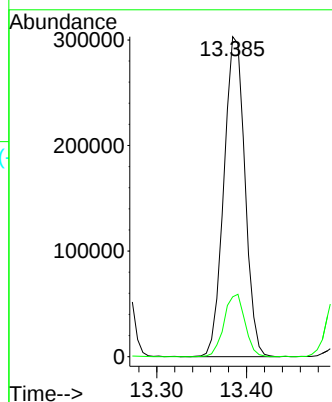
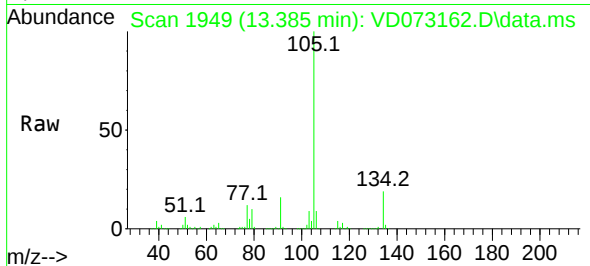




#85
 sec-Butylbenzene
 Concen: 42.110 ug/l
 RT: 13.385 min Scan# 1950
 Delta R.T. -0.006 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

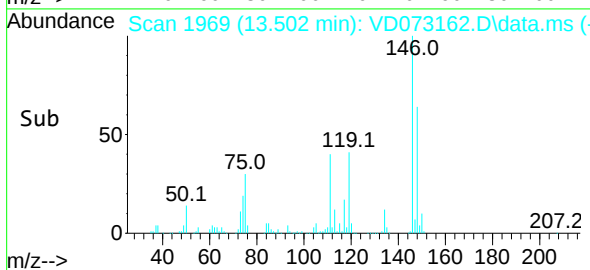
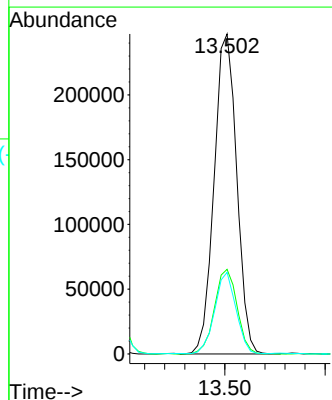
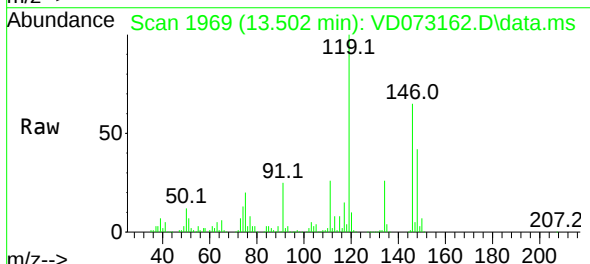
Instrument :
 MSVOA_D
 ClientSampleId :
 P016-SS005-0006-01MS

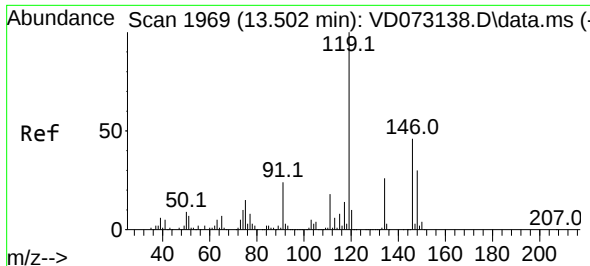
Tgt Ion:105 Resp: 493624
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 40.359 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073162.D
 Acq: 20 May 2022 02:31

Tgt Ion:119 Resp: 385651
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.6
 91 23.9 12.1 36.3

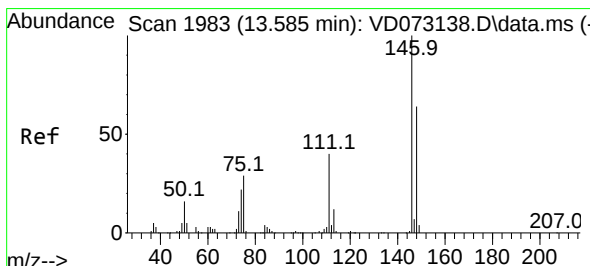
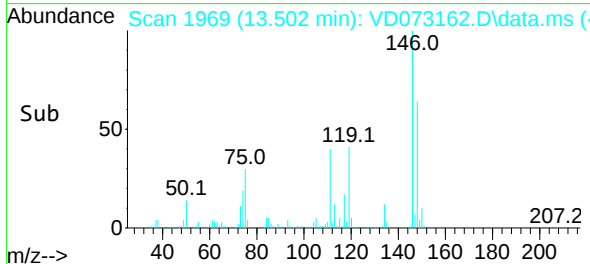
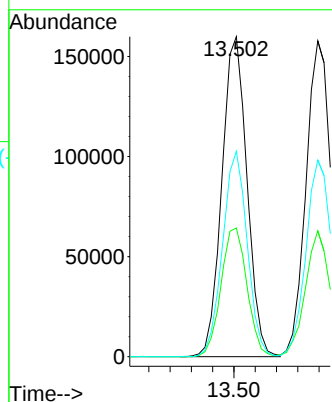
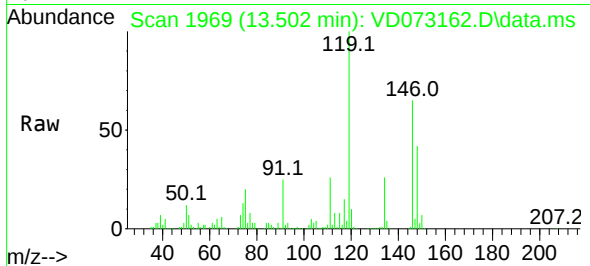




#87
1,3-Dichlorobenzene
Concen: 51.279 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

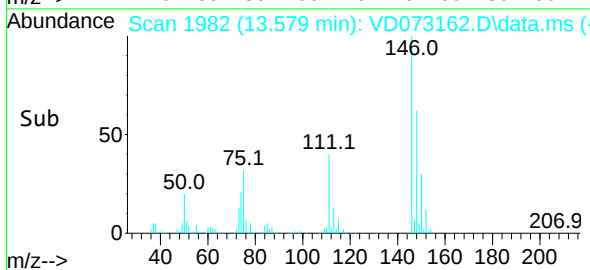
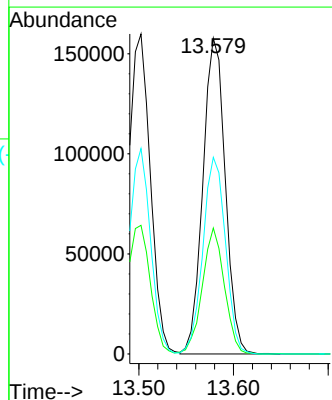
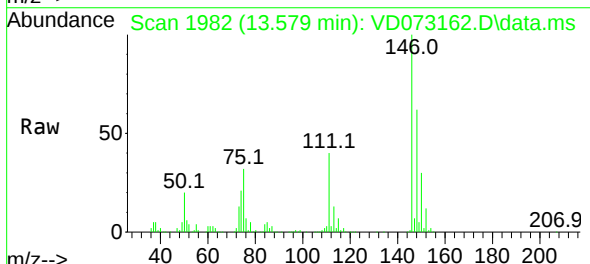
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

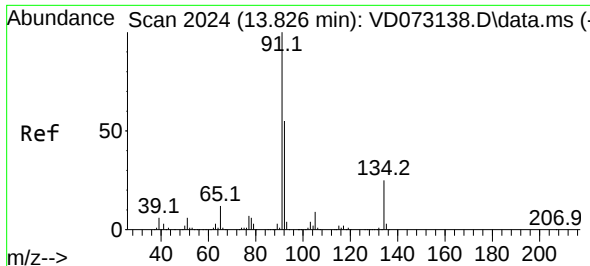
Tgt Ion:146 Resp: 261636
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 62.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.200 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion:146 Resp: 258552
Ion Ratio Lower Upper
146 100
111 39.3 20.3 60.9
148 63.0 31.7 95.1

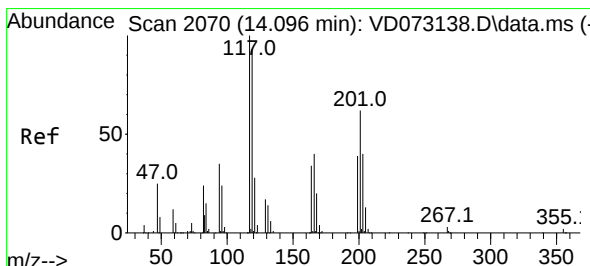
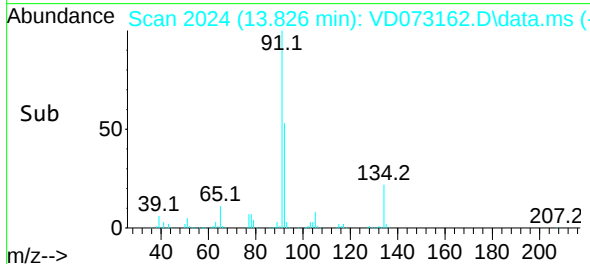
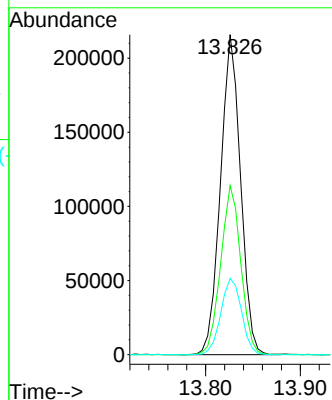
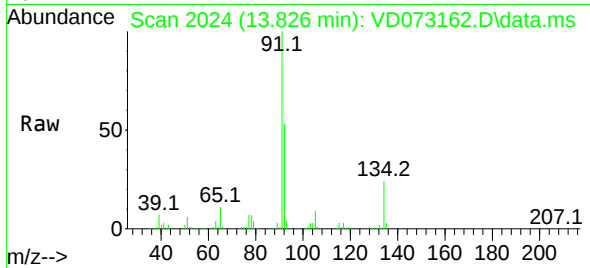




#89
n-Butylbenzene
Concen: 34.926 ug/l
RT: 13.826 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

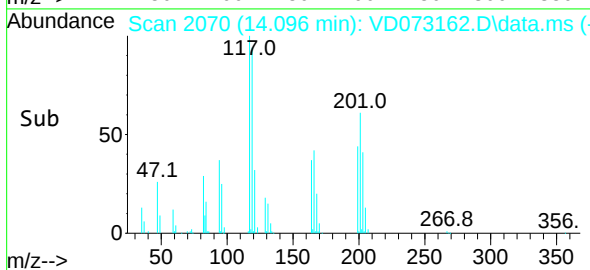
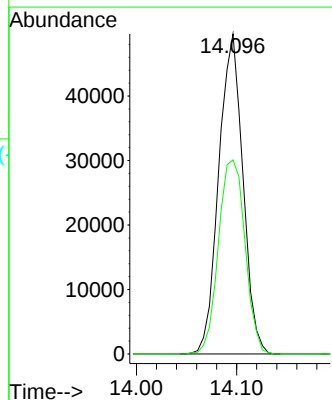
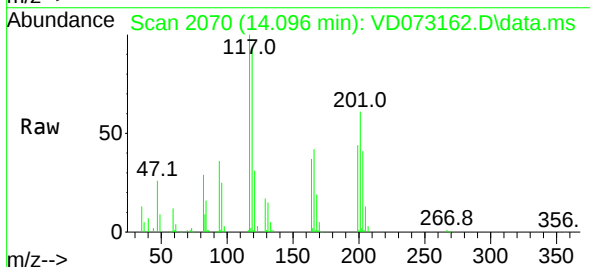
Instrument :
MSVOA_D
ClientSampleId :
P016-SS005-0006-01MS

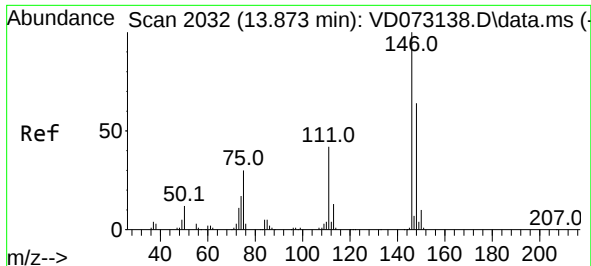
Tgt Ion: 91 Resp: 317985
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.8
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 41.914 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073162.D
Acq: 20 May 2022 02:31

Tgt Ion: 117 Resp: 82872
Ion Ratio Lower Upper
117 100
201 66.7 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 52.626 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS

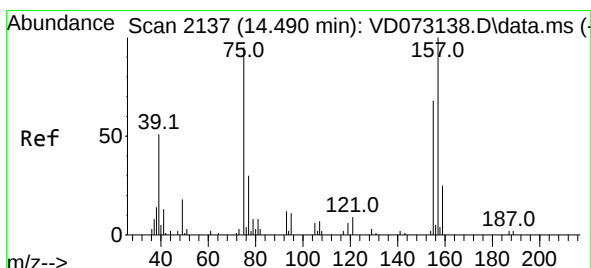
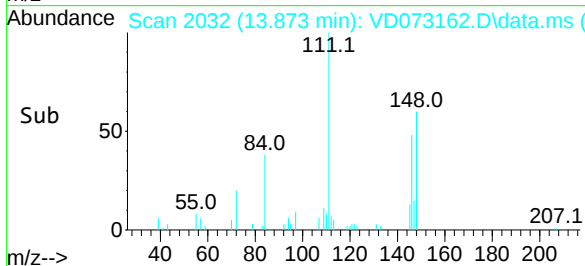
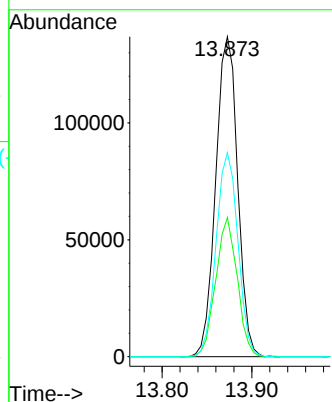
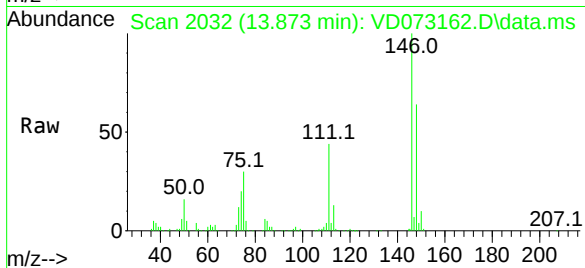
Tgt Ion:146 Resp: 232321

Ion Ratio Lower Upper

146 100

111 42.7 21.1 63.3

148 63.6 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 69.020 ug/l

RT: 14.490 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

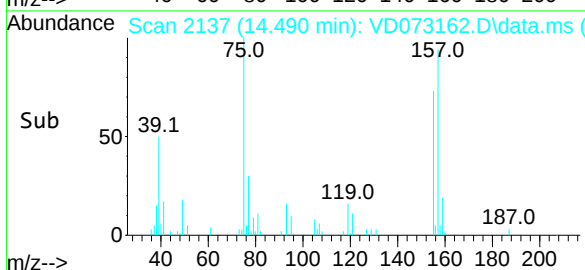
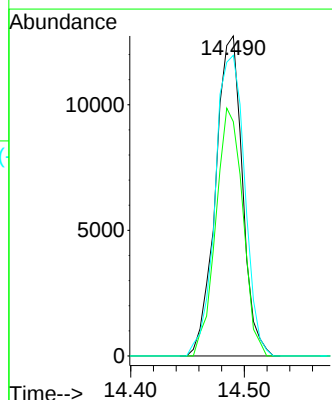
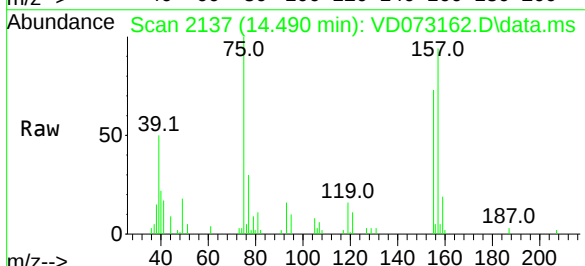
Tgt Ion: 75 Resp: 20962

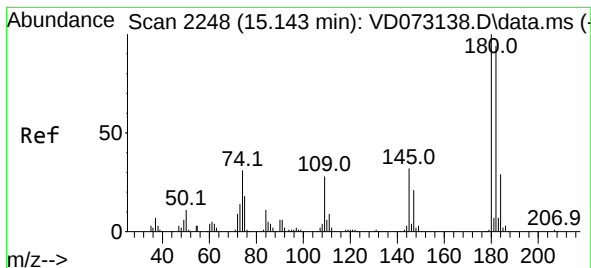
Ion Ratio Lower Upper

75 100

155 77.6 36.8 110.3

157 103.2 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 37.470 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS

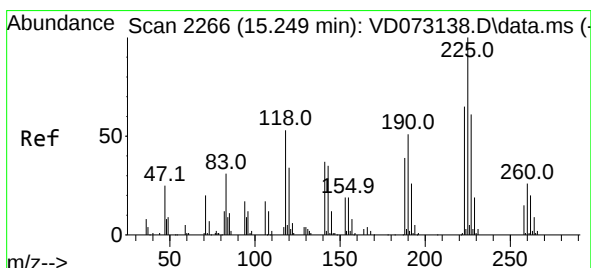
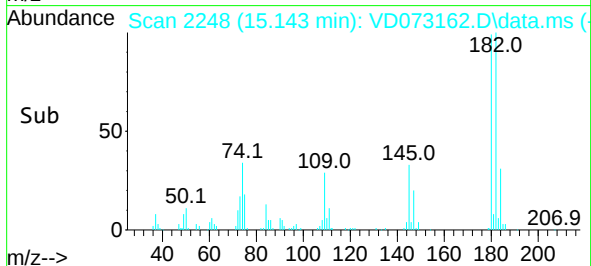
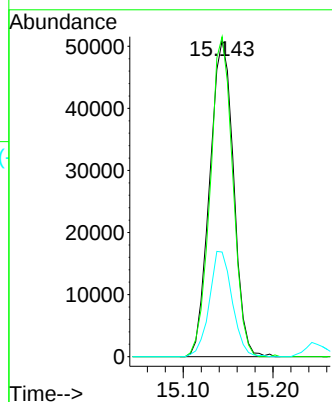
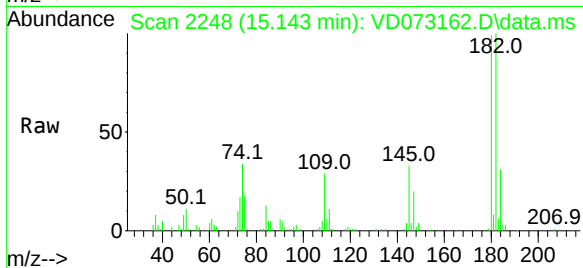
Tgt Ion:180 Resp: 93912

Ion Ratio Lower Upper

180 100

182 95.8 47.3 142.0

145 31.9 16.2 48.5



#94

Hexachlorobutadiene

Concen: 23.609 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

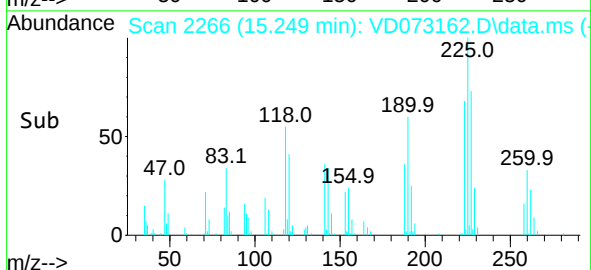
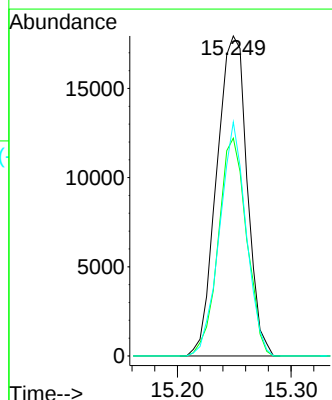
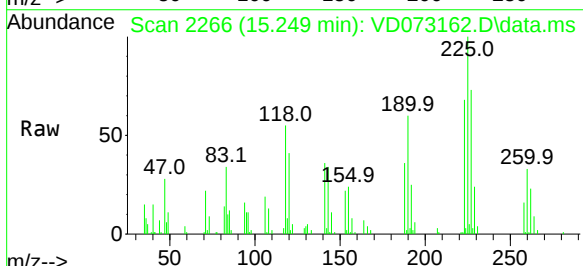
Tgt Ion:225 Resp: 33343

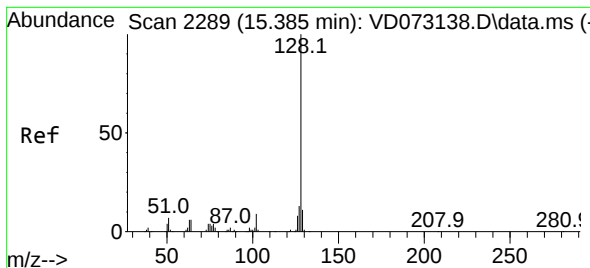
Ion Ratio Lower Upper

225 100

223 63.5 31.1 93.2

227 63.8 32.4 97.0





#95

Naphthalene

Concen: 46.160 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Instrument :

MSVOA_D

ClientSampleId :

P016-SS005-0006-01MS

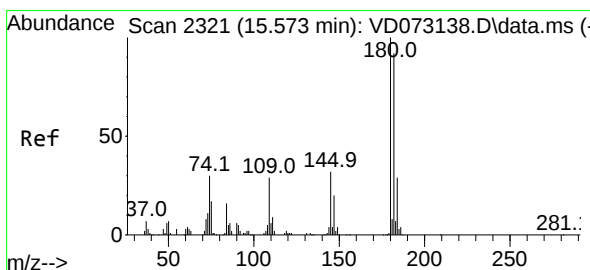
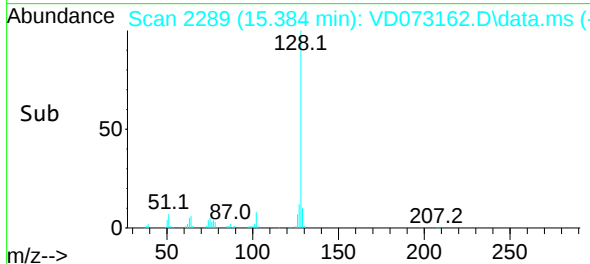
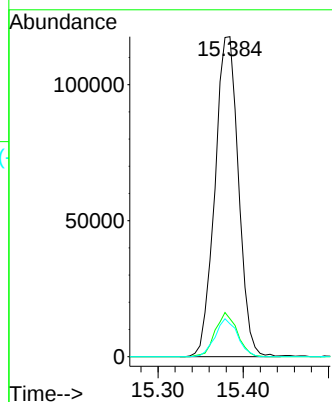
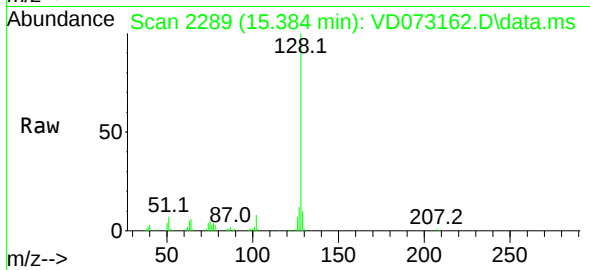
Tgt Ion:128 Resp: 226408

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 37.238 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073162.D

Acq: 20 May 2022 02:31

Tgt Ion:180 Resp: 82739

Ion Ratio Lower Upper

180 100

182 97.2 47.6 142.9

145 34.5 17.1 51.3

