

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073313.D
 Acq On : 24 May 2022 06:44
 Operator : VA/SY
 Sample : N2949-13MS
 Misc : 5.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MS

Quant Time: May 24 08:18:10 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	217293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	405702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	377329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	166194	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	161953	67.441	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.880%	
35) Dibromofluoromethane	7.908	113	156376	58.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.820%	
50) Toluene-d8	10.332	98	519662	52.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.320%	
62) 4-Bromofluorobenzene	12.620	95	176231	50.886	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	92528	42.615	ug/l	96
3) Chloromethane	2.209	50	112025	45.628	ug/l	99
4) Vinyl Chloride	2.350	62	101968	45.419	ug/l	95
5) Bromomethane	2.762	94	72947	50.744	ug/l	95
6) Chloroethane	2.920	64	72093	52.236	ug/l	98
7) Trichlorofluoromethane	3.267	101	185457	46.718	ug/l	98
8) Diethyl Ether	3.709	74	72855	66.789	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	106921	45.141	ug/l	98
10) Methyl Iodide	4.297	142	113242	44.314	ug/l	98
11) Tert butyl alcohol	5.209	59	80333	215.615	ug/l #	83
12) 1,1-Dichloroethene	4.067	96	107087	49.039	ug/l	86
13) Acrolein	3.914	56	4462	13.537	ug/l	97
14) Allyl chloride	4.709	41	183999	52.200	ug/l	89
15) Acrylonitrile	5.414	53	151879	304.484	ug/l	98
16) Acetone	4.156	43	153584	369.240	ug/l	91
17) Carbon Disulfide	4.403	76	276058	38.134	ug/l	96
18) Methyl Acetate	4.714	43	181142	156.613	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	356675	71.695	ug/l	99
20) Methylene Chloride	4.961	84	193120	75.212	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	137085	51.920	ug/l	98
22) Diisopropyl ether	6.361	45	486907	65.894	ug/l	91
23) Vinyl Acetate	6.303	43	253537	64.326	ug/l	98
24) 1,1-Dichloroethane	6.256	63	274063	57.783	ug/l	98
25) 2-Butanone	7.208	43	209820	344.789	ug/l	90
26) 2,2-Dichloropropane	7.203	77	176812	43.713	ug/l	95
27) cis-1,2-Dichloroethene	7.208	96	173065	59.238	ug/l	88
28) Bromochloromethane	7.538	49	99812	61.084	ug/l #	77
29) Tetrahydrofuran	7.555	42	144491	367.198	ug/l	92
30) Chloroform	7.708	83	305391	61.674	ug/l	98
31) Cyclohexane	7.985	56	154259	36.759	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	226219	52.235	ug/l	96
36) 1,1-Dichloropropene	8.108	75	172384	42.815	ug/l	95
37) Ethyl Acetate	7.291	43	44248	27.823	ug/l #	78
38) Carbon Tetrachloride	8.091	117	180778	44.294	ug/l	99
39) Methylcyclohexane	9.349	83	149052	33.218	ug/l	98
40) Benzene	8.344	78	598780	51.602	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	46681	50.379	ug/l	88
42) 1,2-Dichloroethane	8.420	62	190583	59.027	ug/l	95
43) Isopropyl Acetate	8.444	43	116778	39.726	ug/l #	84
44) Trichloroethene	9.108	130	147879	47.790	ug/l	87
45) 1,2-Dichloropropane	9.379	63	167269	57.239	ug/l	99
46) Dibromomethane	9.467	93	94922	59.142	ug/l	97
47) Bromodichloromethane	9.655	83	240336	58.524	ug/l	96
48) Methyl methacrylate	9.449	41	96493	65.245	ug/l	88
49) 1,4-Dioxane	9.449	88	22267	1343.439	ug/l	99
51) 4-Methyl-2-Pentanone	10.220	43	495266	324.391	ug/l	93
52) Toluene	10.396	92	372984	50.866	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	196544	52.976	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	229132	51.609	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	133302	61.420	ug/l	98
56) Ethyl methacrylate	10.649	69	84952	35.205	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	222353	61.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	313365	271.313	ug/l	95
59) 2-Hexanone	10.973	43	282476	280.632	ug/l	93
60) Dibromochloromethane	11.132	129	159418	58.907	ug/l	99
61) 1,2-Dibromoethane	11.238	107	121653	58.658	ug/l	97
64) Tetrachloroethene	10.867	164	133199	53.896	ug/l	95
65) Chlorobenzene	11.661	112	387808	50.099	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	163654	57.006	ug/l	98
67) Ethyl Benzene	11.732	91	635569	46.772	ug/l	97
68) m/p-Xylenes	11.843	106	507132	96.058	ug/l	98
69) o-Xylene	12.173	106	245585	50.637	ug/l	94
70) Styrene	12.185	104	439260	52.642	ug/l	96
71) Bromoform	12.349	173	90488	61.243	ug/l #	97
73) Isopropylbenzene	12.467	105	573774	48.429	ug/l	99
74) N-amyl acetate	12.279	43	60974	23.591	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.714	83	143761	65.791	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	173801	106.584	ug/l #	100
77) Bromobenzene	12.749	156	157127	56.338	ug/l	93
78) n-propylbenzene	12.808	91	696451	46.823	ug/l	99
79) 2-Chlorotoluene	12.896	91	433929	50.527	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	496352	49.455	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	36011	53.016	ug/l	90
82) 4-Chlorotoluene	12.990	91	454917	50.537	ug/l	100
83) tert-Butylbenzene	13.208	119	407097	48.128	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	503309	50.763	ug/l	98
85) sec-Butylbenzene	13.390	105	579385	44.860	ug/l	100
86) p-Isopropyltoluene	13.502	119	477820	45.384	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	281099	50.003	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	280161	49.370	ug/l	100
89) n-Butylbenzene	13.826	91	405794	40.452	ug/l	99
90) Hexachloroethane	14.096	117	102142	46.887	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	258472	53.140	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	21644	64.681	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	122798	44.469	ug/l	99
94) Hexachlorobutadiene	15.249	225	58718	37.734	ug/l	96
95) Naphthalene	15.384	128	266420	49.059	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	112472	45.943	ug/l	99

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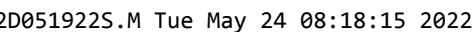
Instrument :
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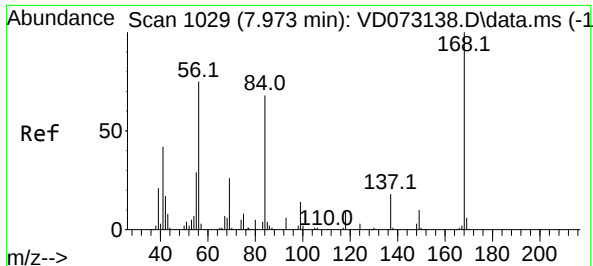
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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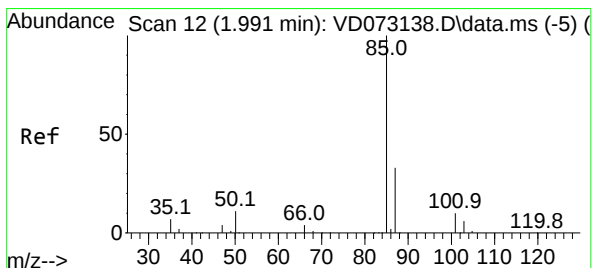
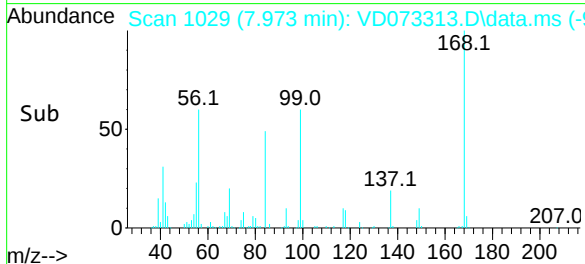
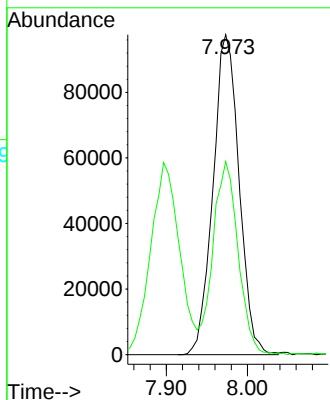
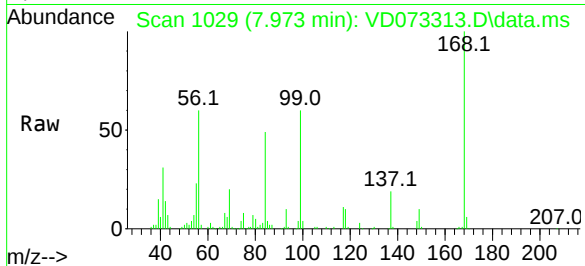




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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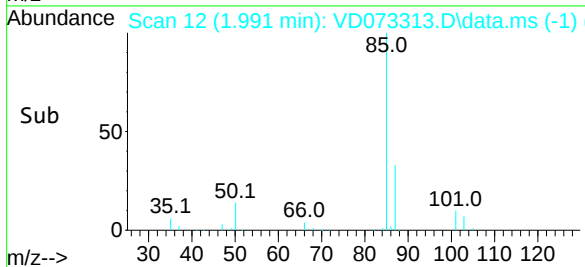
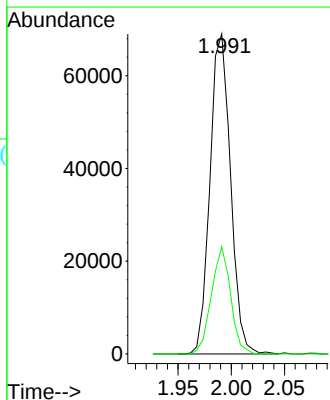
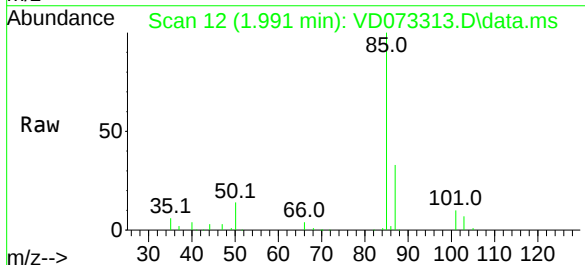
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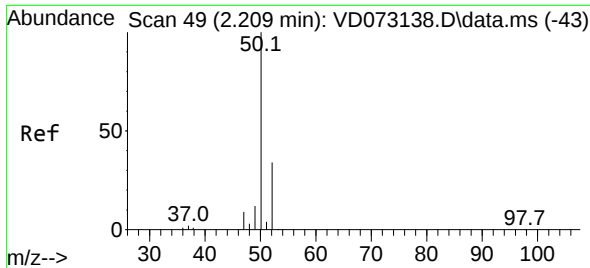
Tgt Ion:168 Resp: 217293
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 42.615 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 85 Resp: 92528
Ion Ratio Lower Upper
85 100
87 33.5 15.7 47.0

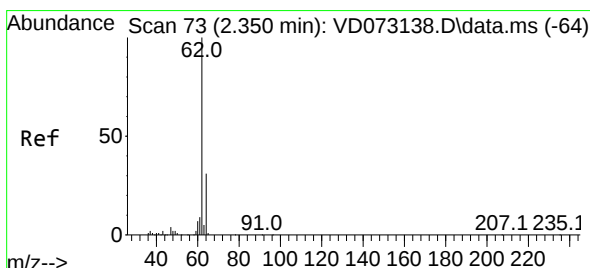
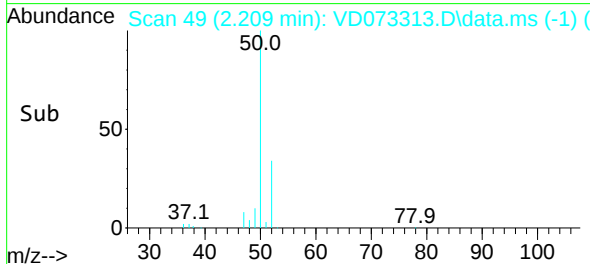
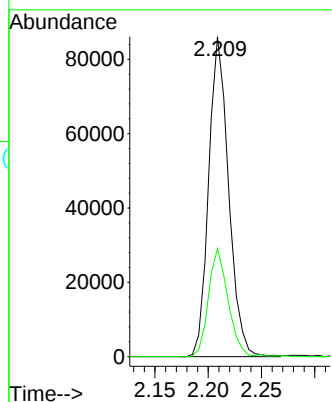
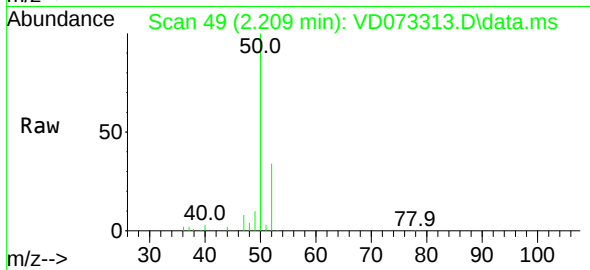




#3
Chloromethane
Concen: 45.628 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

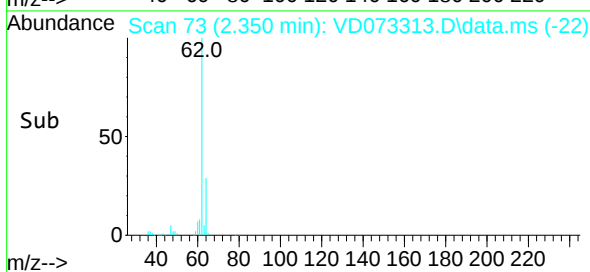
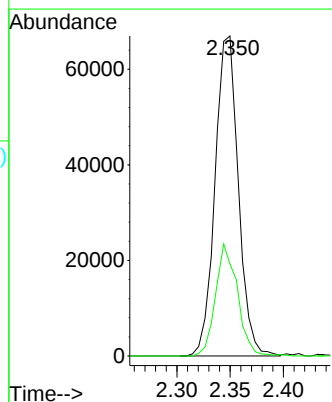
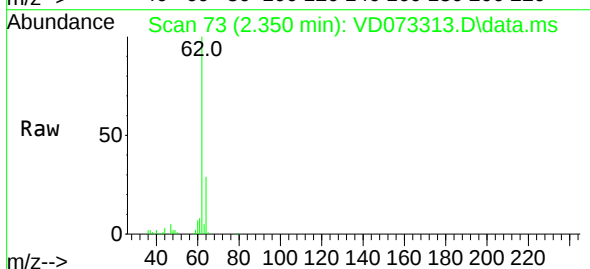
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ClientSampleId :
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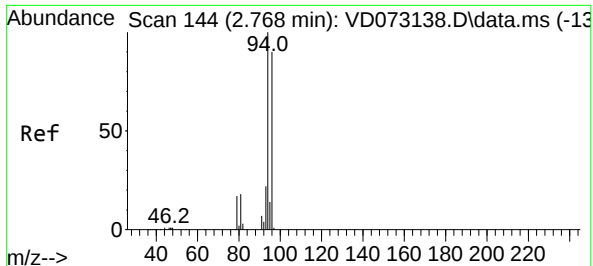
Tgt Ion: 50 Resp: 112025
Ion Ratio Lower Upper
50 100
52 33.8 27.4 41.0



#4
Vinyl Chloride
Concen: 45.419 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 62 Resp: 101968
Ion Ratio Lower Upper
62 100
64 28.7 25.4 38.0

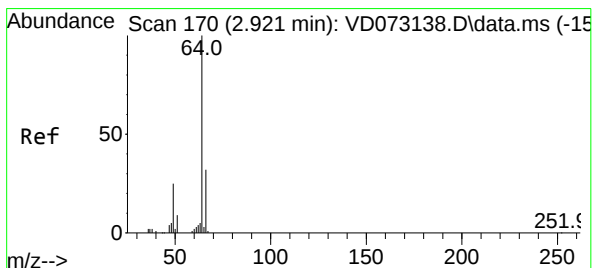
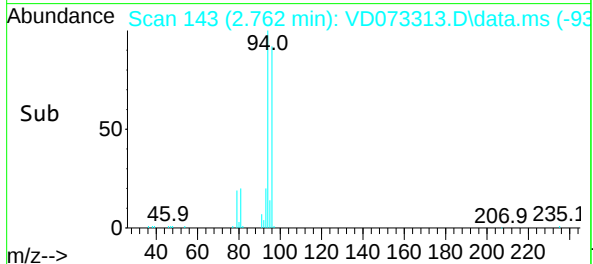
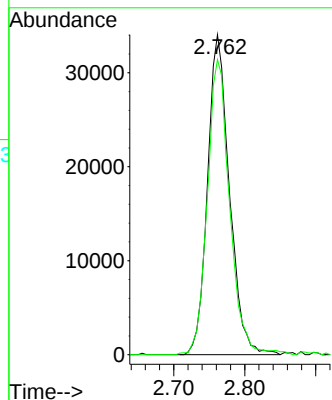
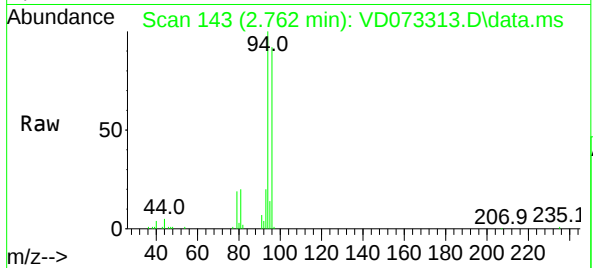




#5
Bromomethane
Concen: 50.744 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073313.D
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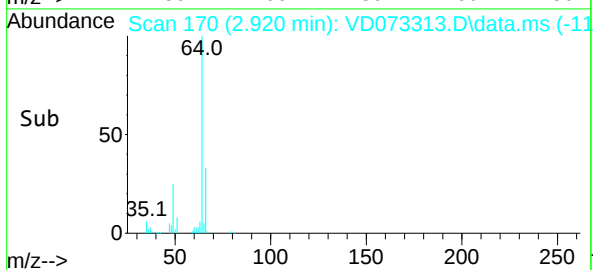
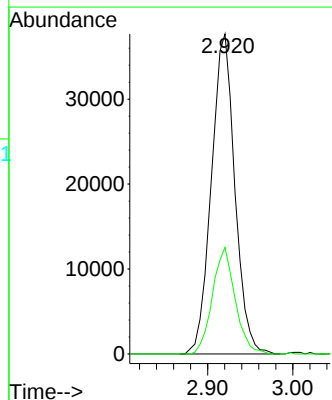
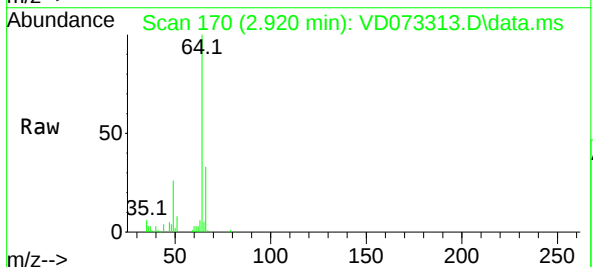
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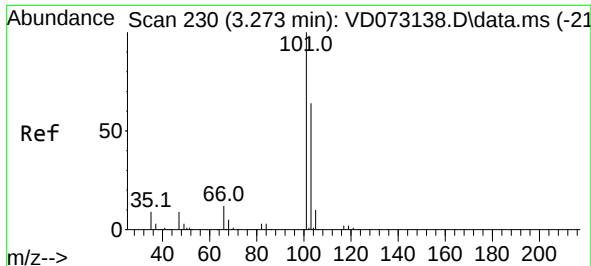
Tgt Ion: 94 Resp: 72947
Ion Ratio Lower Upper
94 100
96 91.7 77.6 116.4



#6
Chloroethane
Concen: 52.236 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 64 Resp: 72093
Ion Ratio Lower Upper
64 100
66 33.3 25.9 38.9

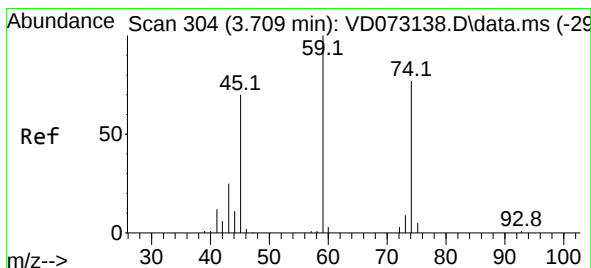
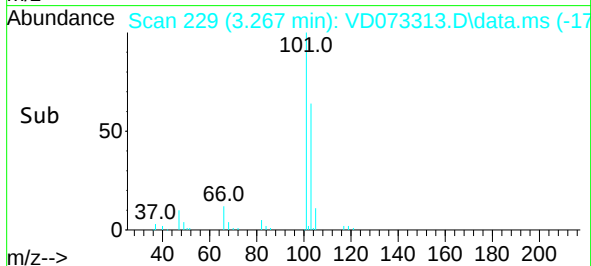
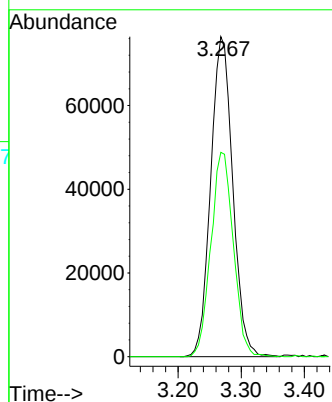
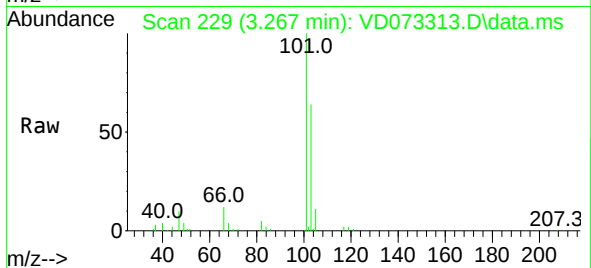




#7
 Trichlorofluoromethane
 Concen: 46.718 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

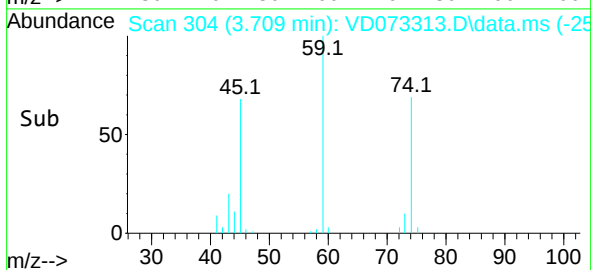
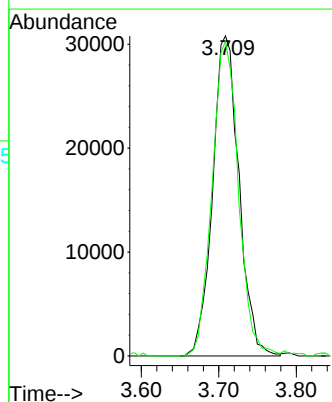
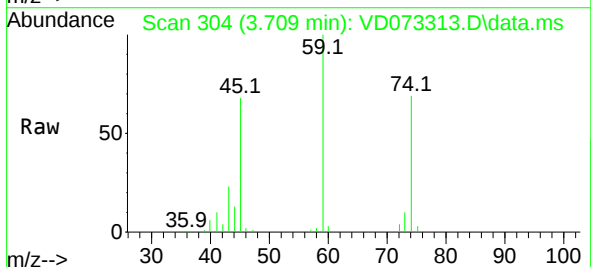
Instrument :
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 ClientSampleId :
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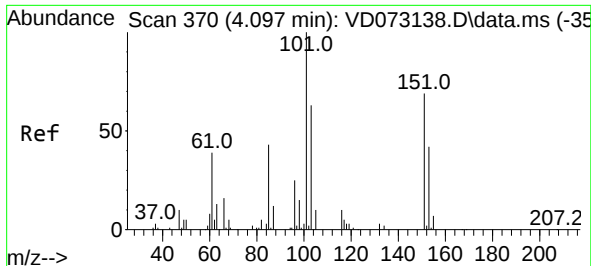
Tgt Ion:101 Resp: 185457
 Ion Ratio Lower Upper
 101 100
 103 63.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 66.789 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

Tgt Ion: 74 Resp: 72855
 Ion Ratio Lower Upper
 74 100
 45 98.6 52.6 157.8

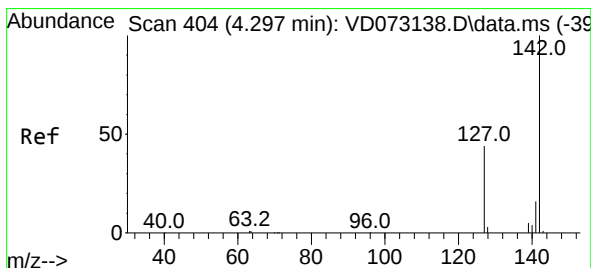
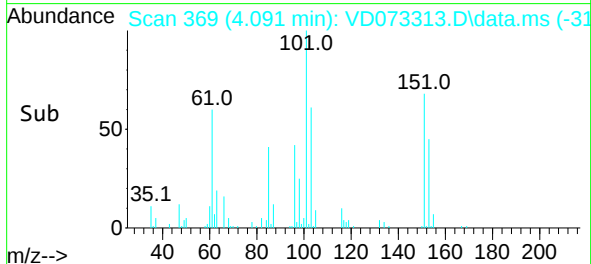
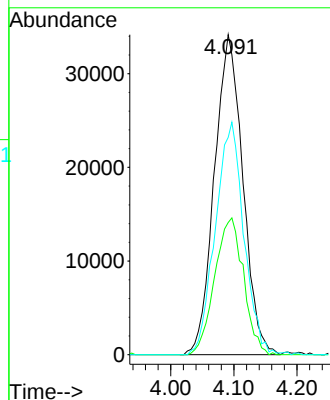
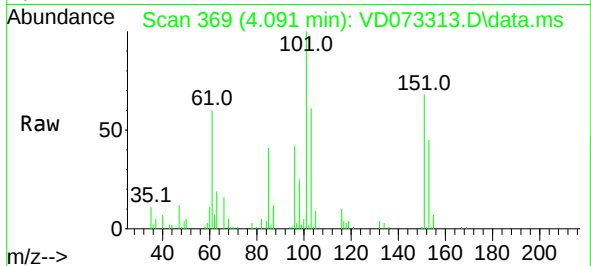




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 45.141 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

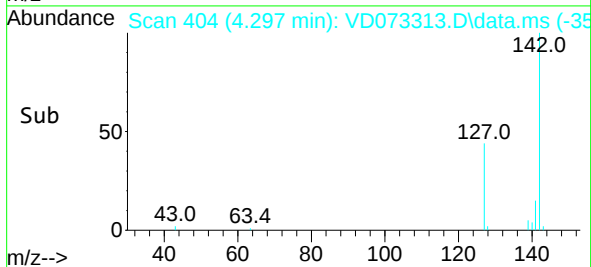
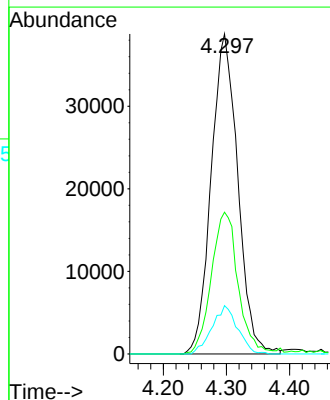
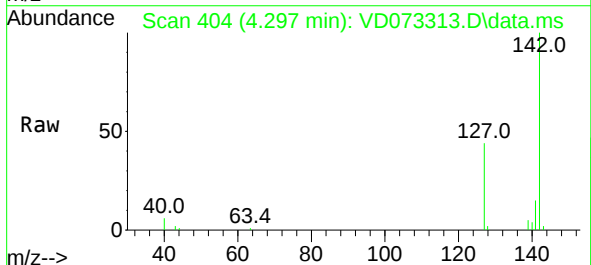
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MS

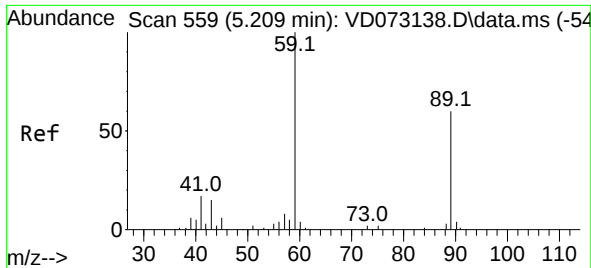
Tgt Ion:101 Resp: 106921
 Ion Ratio Lower Upper
 101 100
 85 43.3 36.4 54.6
 151 72.9 57.3 85.9



#10
 Methyl Iodide
 Concen: 44.314 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

Tgt Ion:142 Resp: 113242
 Ion Ratio Lower Upper
 142 100
 127 44.5 37.3 55.9
 141 14.6 11.7 17.5

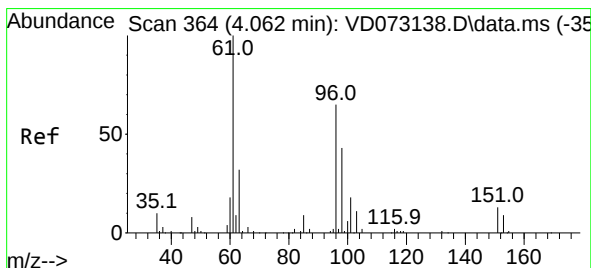
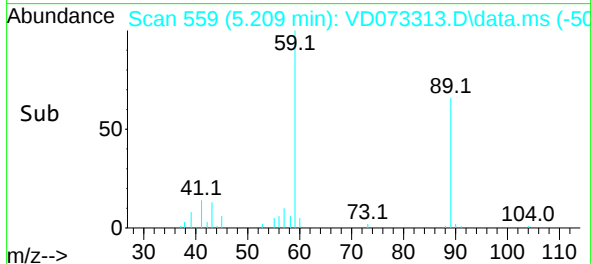
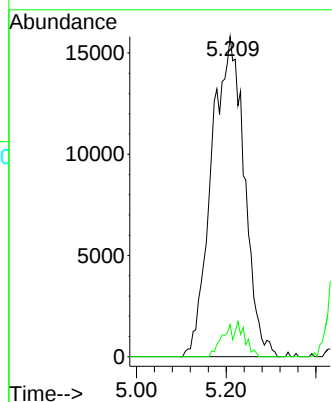
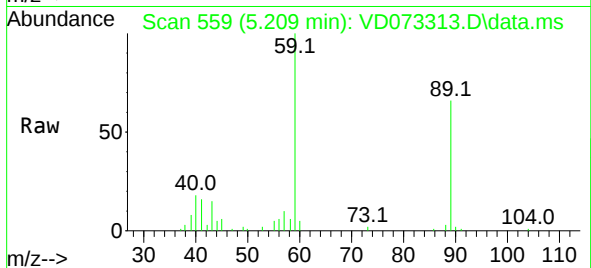




#11
Tert butyl alcohol
Concen: 215.615 ug/l
RT: 5.209 min Scan# 511
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

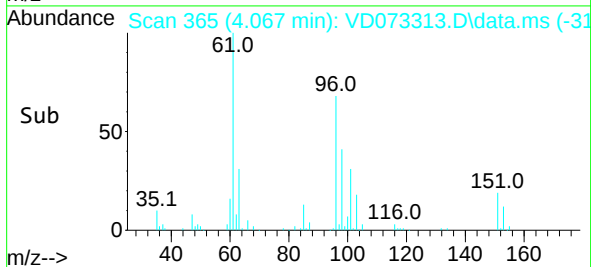
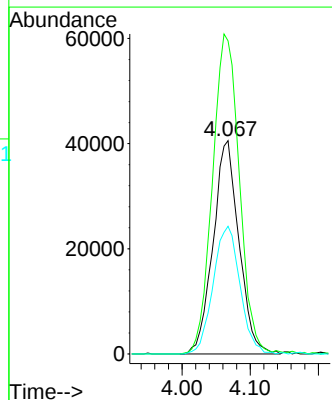
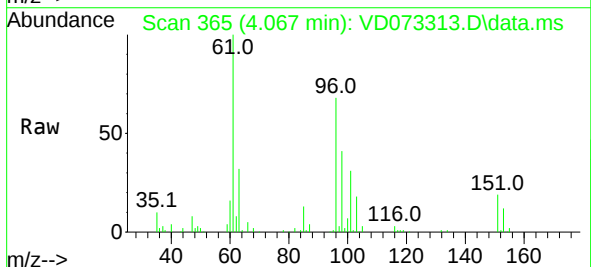
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

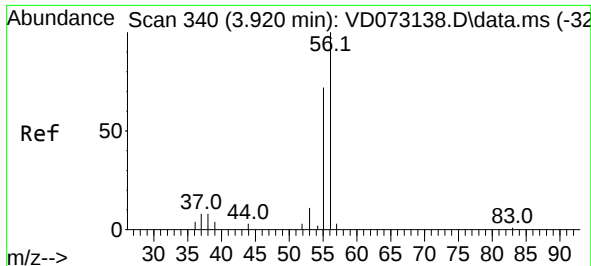
Tgt Ion: 59 Resp: 80333
Ion Ratio Lower Upper
59 100
57 3.4 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 49.039 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 96 Resp: 107087
Ion Ratio Lower Upper
96 100
61 146.7 138.5 207.7
98 59.9 48.6 73.0





#13

Acrolein

Concen: 13.537 ug/l

RT: 3.914 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

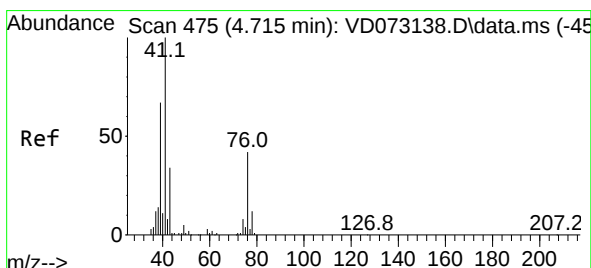
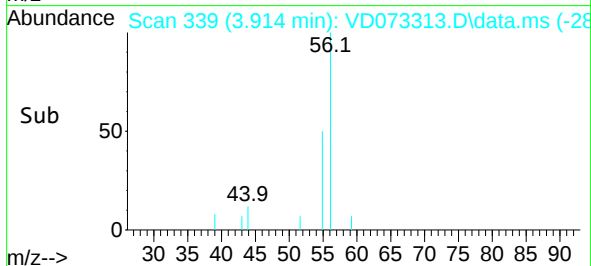
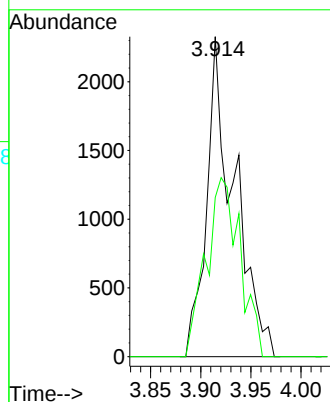
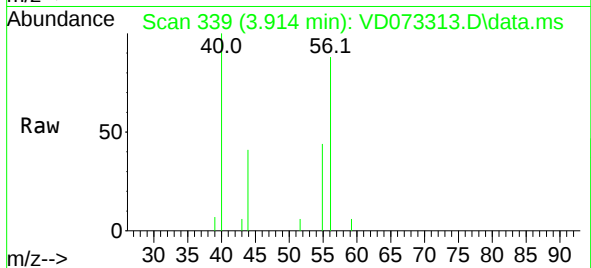
P044-SS001-0612-01MS

Tgt Ion: 56 Resp: 4462

Ion Ratio Lower Upper

56 100

55 68.7 57.1 85.7



#14

Allyl chloride

Concen: 52.200 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

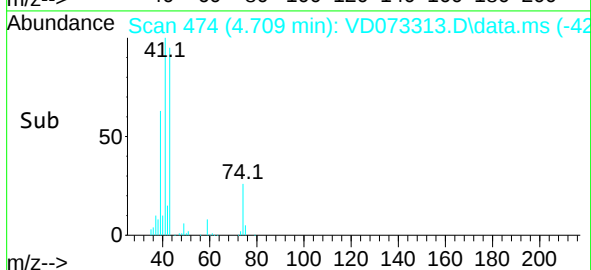
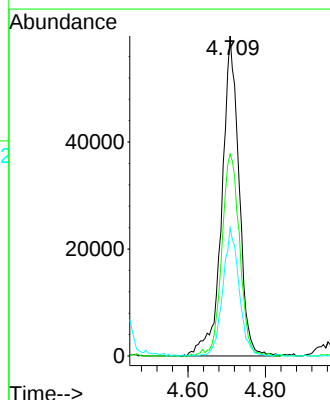
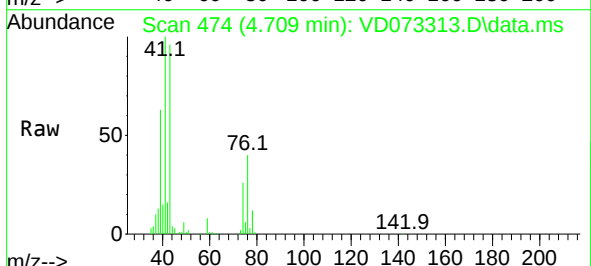
Tgt Ion: 41 Resp: 183999

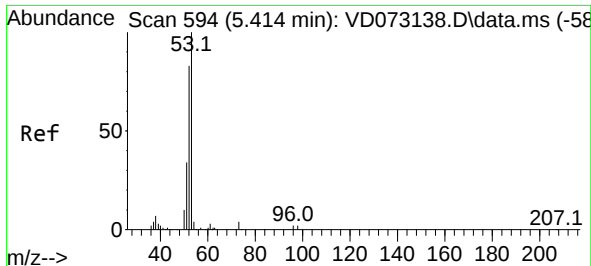
Ion Ratio Lower Upper

41 100

39 64.6 59.3 88.9

76 37.9 25.7 38.5

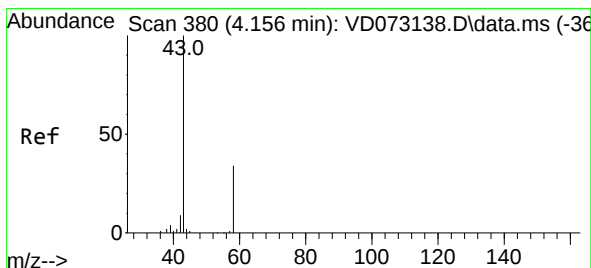
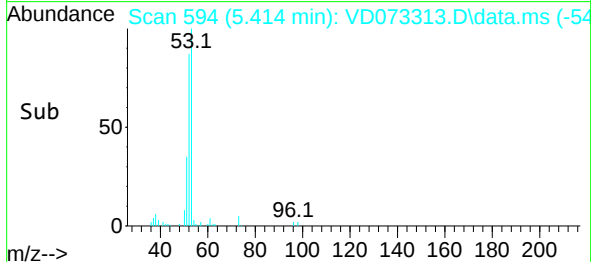
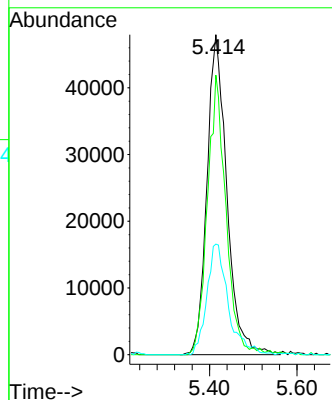
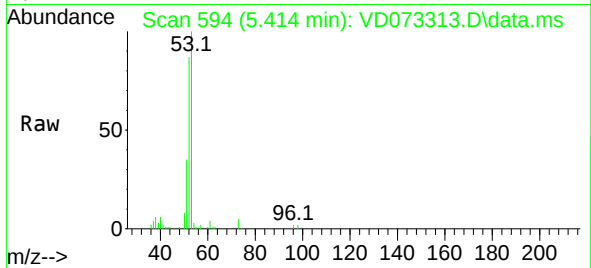




#15
Acrylonitrile
Concen: 304.484 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

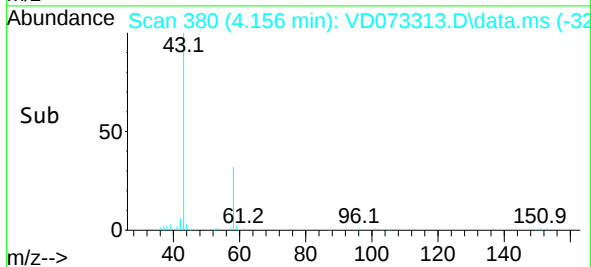
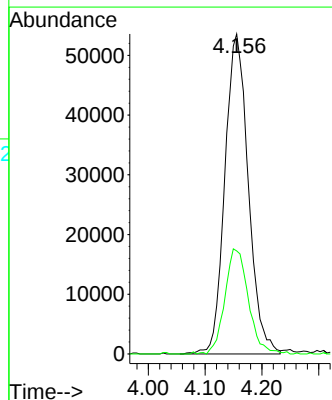
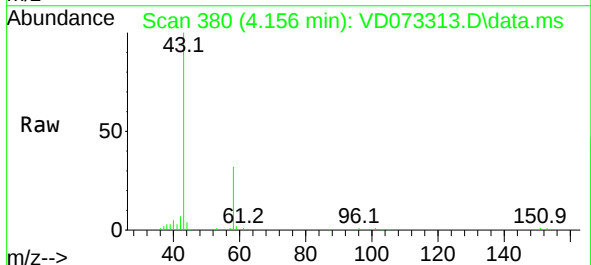
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

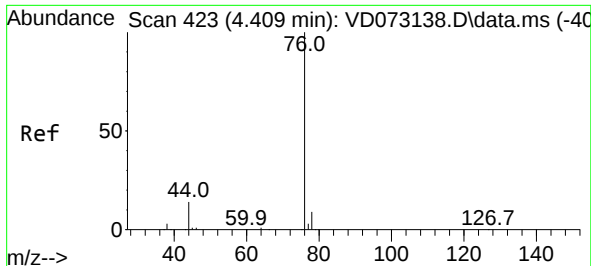
Tgt Ion: 53 Resp: 151879
Ion Ratio Lower Upper
53 100
52 81.1 67.2 100.8
51 37.3 30.3 45.5



#16
Acetone
Concen: 369.240 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 43 Resp: 153584
Ion Ratio Lower Upper
43 100
58 32.2 22.1 33.1

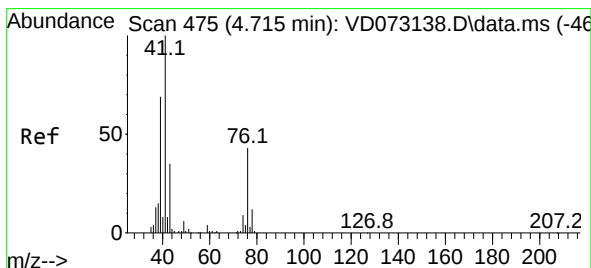
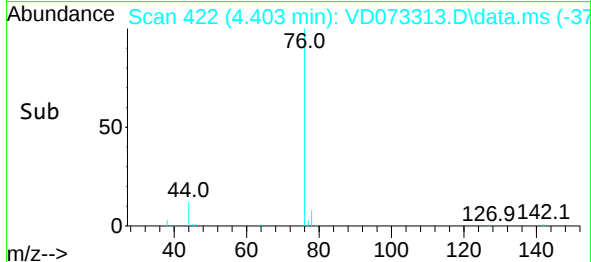
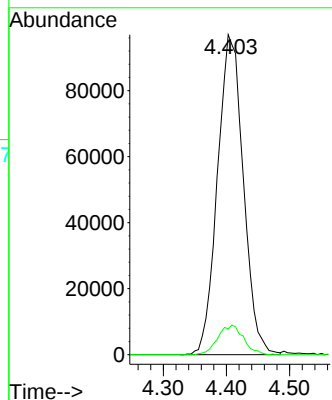
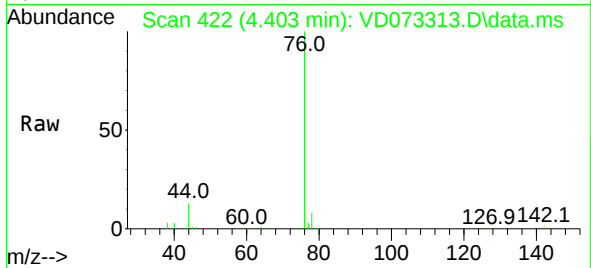




#17
Carbon Disulfide
Concen: 38.134 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

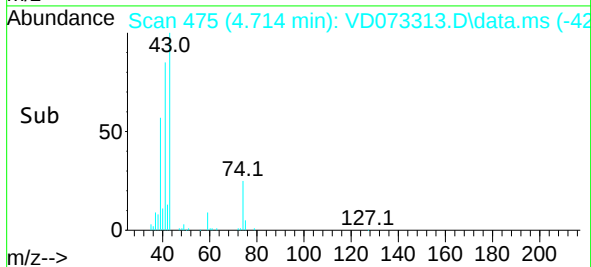
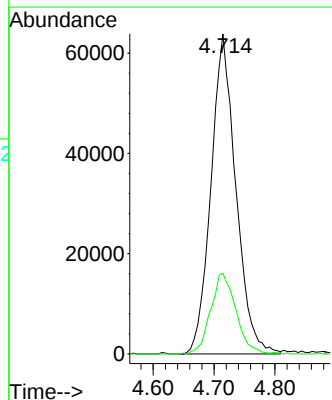
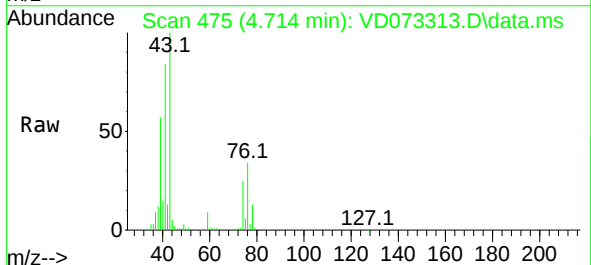
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

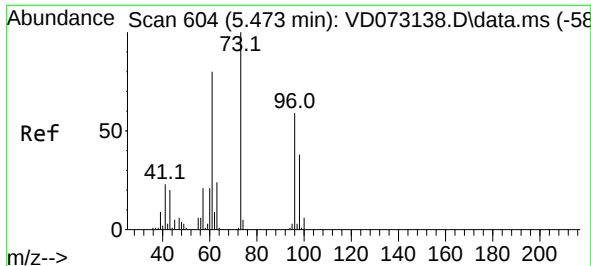
Tgt Ion: 76 Resp: 276058
Ion Ratio Lower Upper
76 100
78 8.0 7.5 11.3



#18
Methyl Acetate
Concen: 156.613 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 43 Resp: 181142
Ion Ratio Lower Upper
43 100
74 25.5 16.7 25.1#

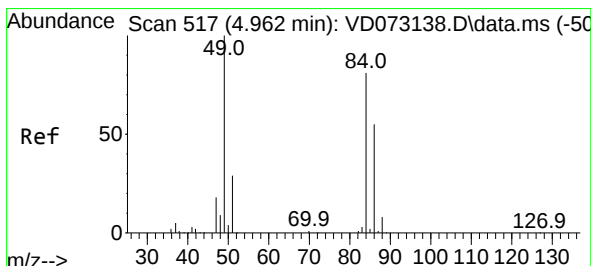
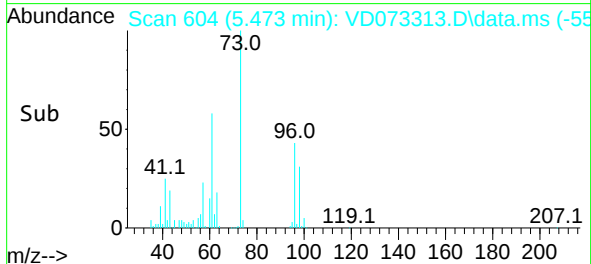
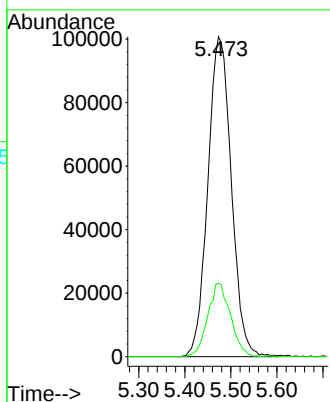
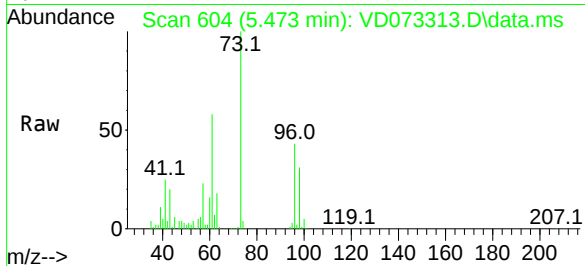




#19
Methyl tert-butyl Ether
Concen: 71.695 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

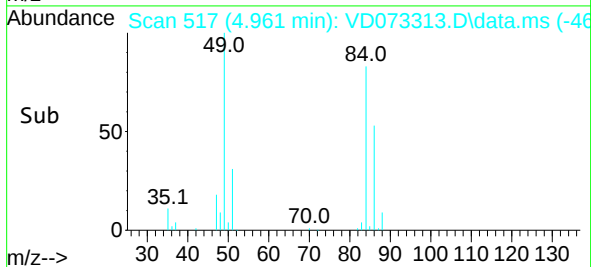
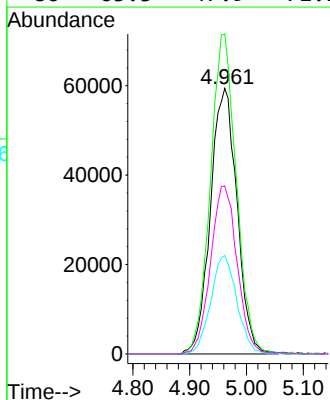
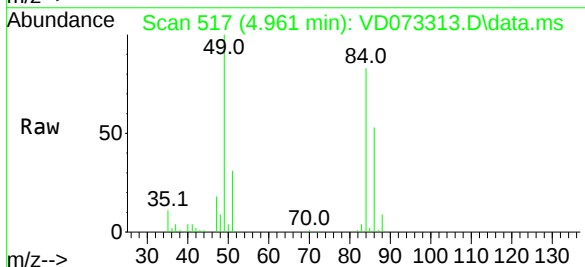
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

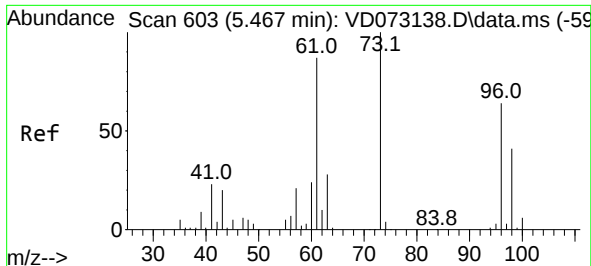
Tgt Ion: 73 Resp: 356675
Ion Ratio Lower Upper
73 100
57 22.9 18.0 27.0



#20
Methylene Chloride
Concen: 75.212 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

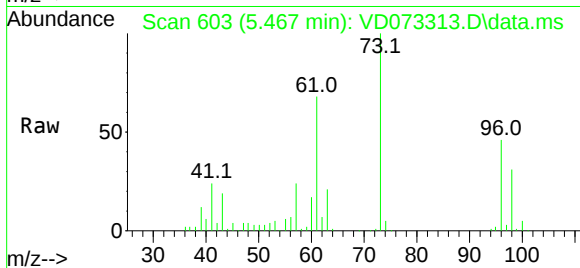
Tgt Ion: 84 Resp: 193120
Ion Ratio Lower Upper
84 100
49 120.5 112.8 169.2
51 37.1 32.6 48.8
86 63.3 47.9 71.9





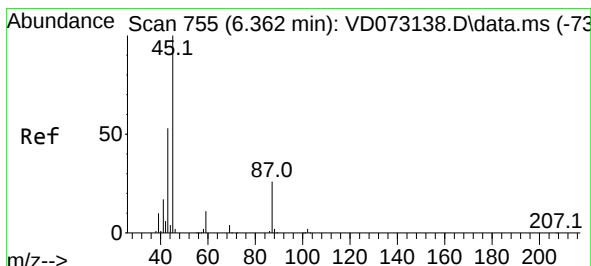
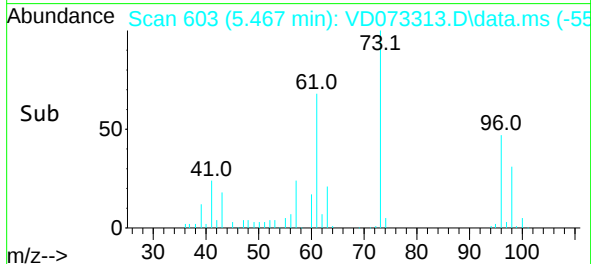
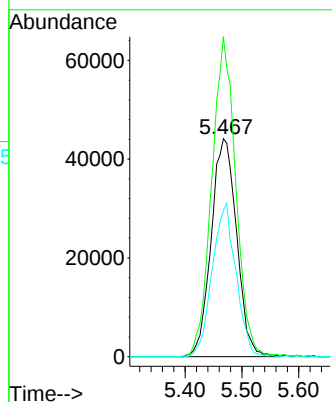
#21
trans-1,2-Dichloroethene
Concen: 51.920 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS



Tgt Ion: 96 Resp: 137085

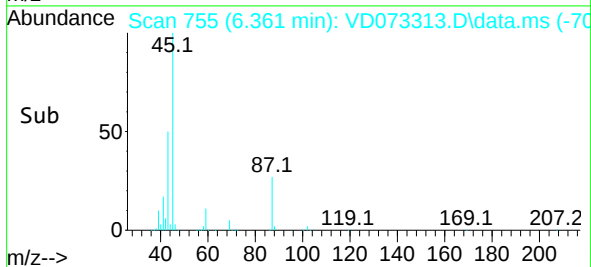
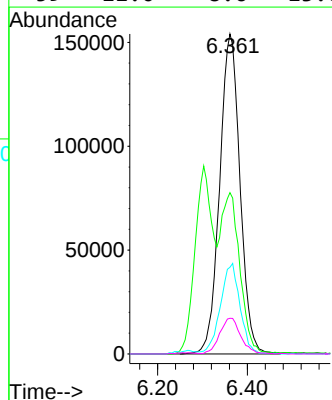
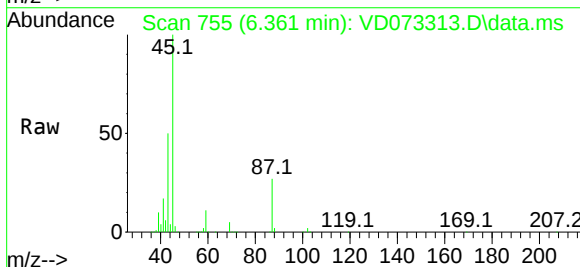
Ion	Ratio	Lower	Upper
96	100		
61	146.8	117.9	176.9
98	67.1	49.4	74.2

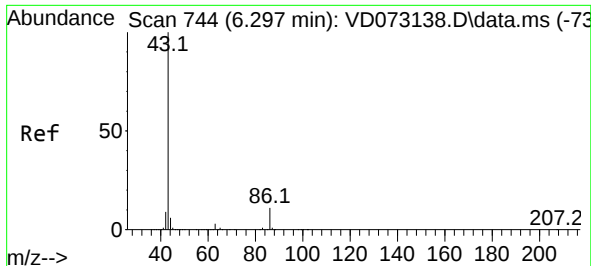


#22
Diisopropyl ether
Concen: 65.894 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 45 Resp: 486907

Ion	Ratio	Lower	Upper
45	100		
43	50.1	46.6	70.0
87	27.1	18.4	27.6
59	11.0	8.6	13.0

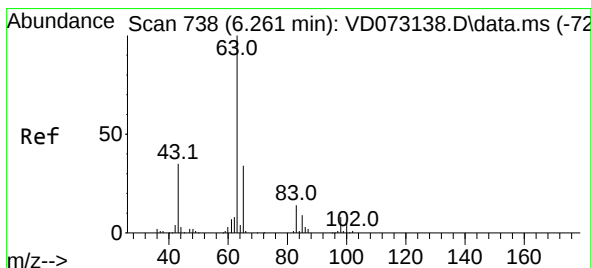
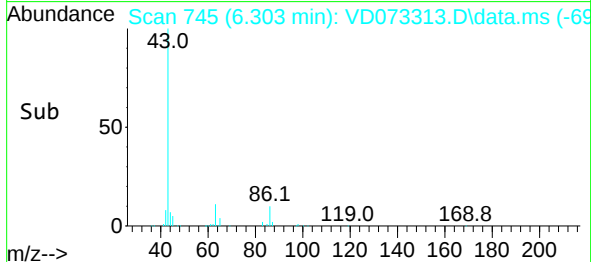
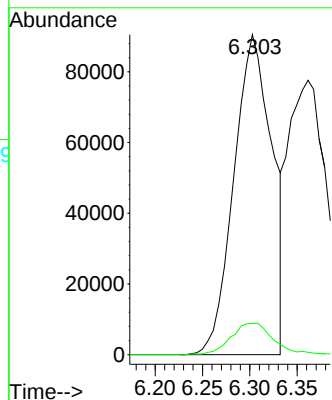
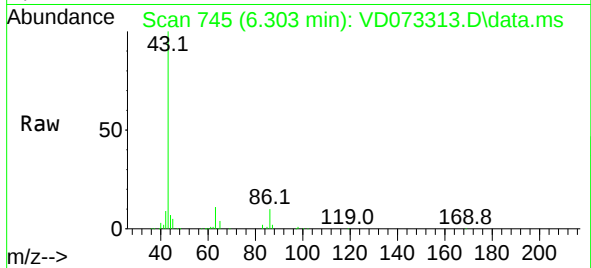




#23
 Vinyl Acetate
 Concen: 64.326 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

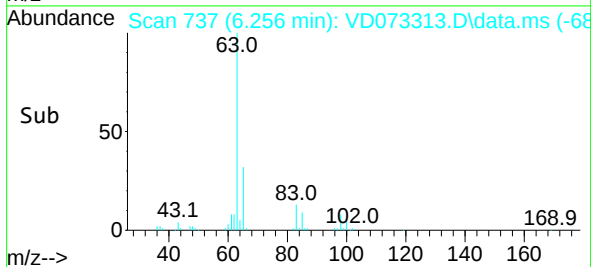
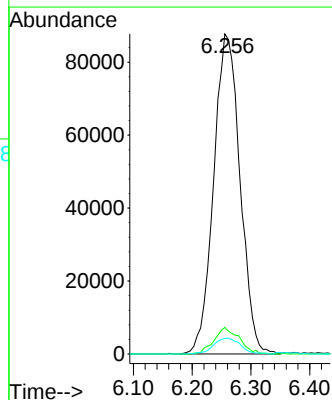
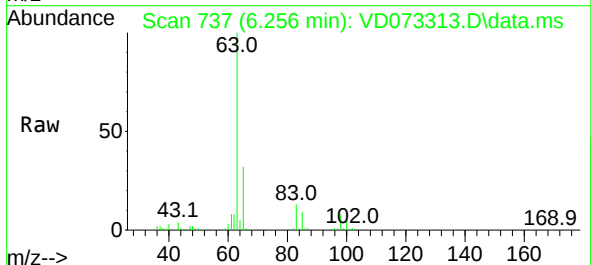
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MS

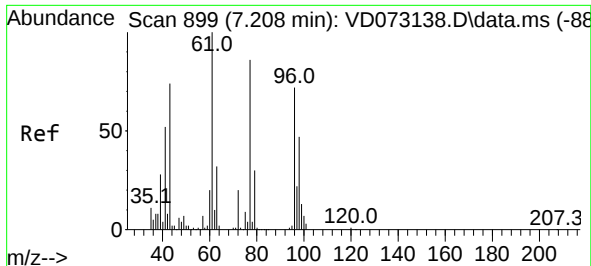
Tgt Ion: 43 Resp: 253537
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 57.783 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

Tgt Ion: 63 Resp: 274063
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.6 10.9
 100 4.9 2.1 6.5

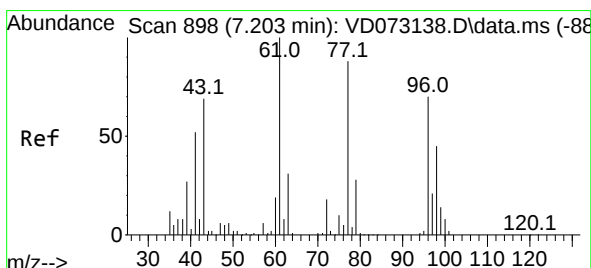
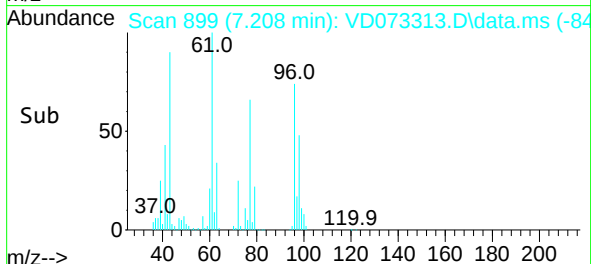
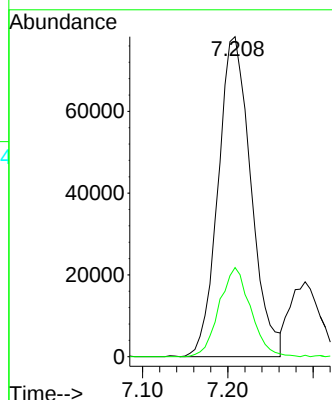
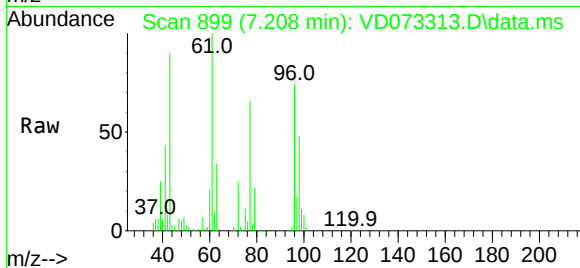




#25
2-Butanone
Concen: 344.789 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

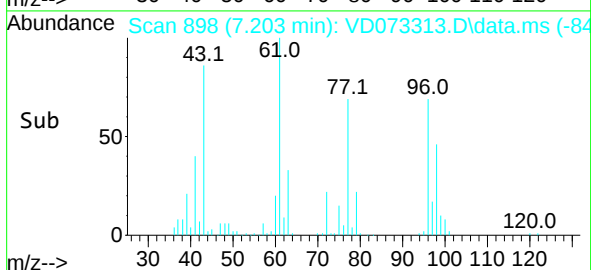
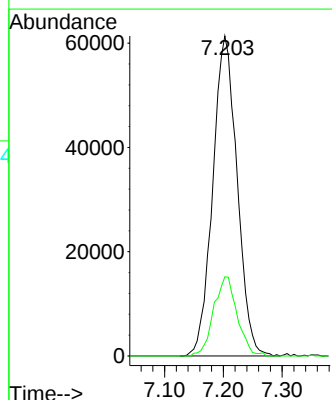
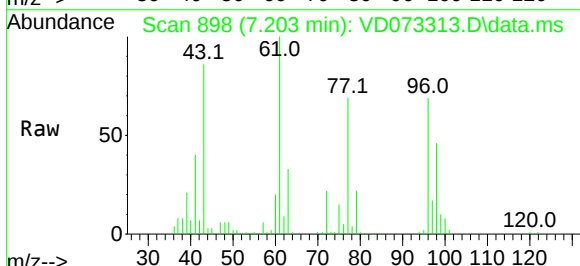
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

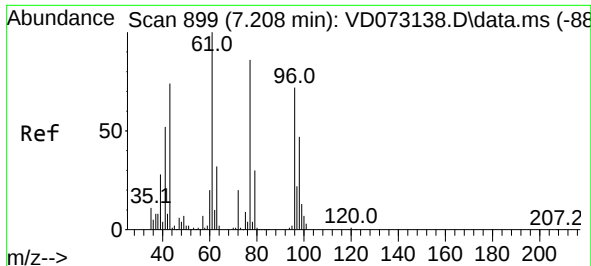
Tgt Ion: 43 Resp: 209820
Ion Ratio Lower Upper
43 100
72 27.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 43.713 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 77 Resp: 176812
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.4

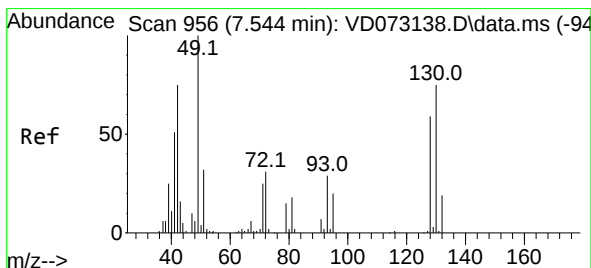
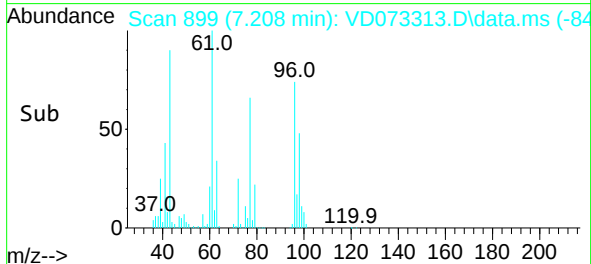
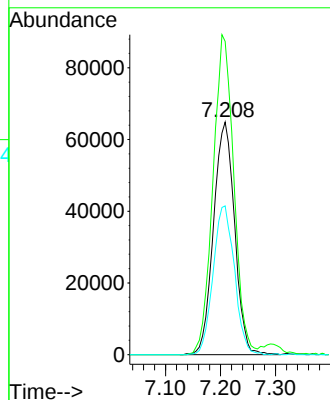
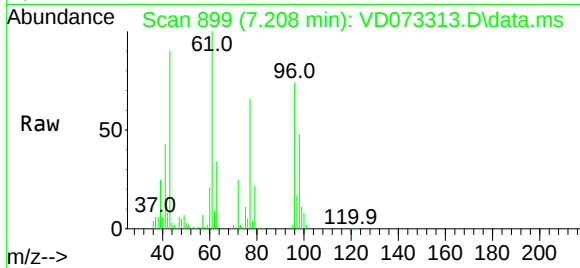




#27
 cis-1,2-Dichloroethene
 Concen: 59.238 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

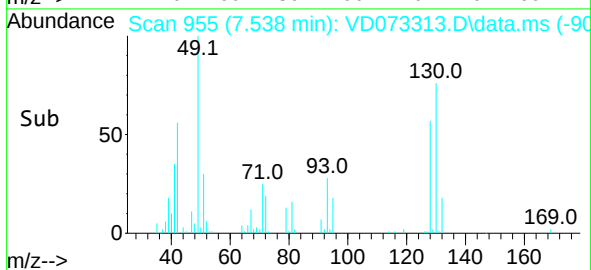
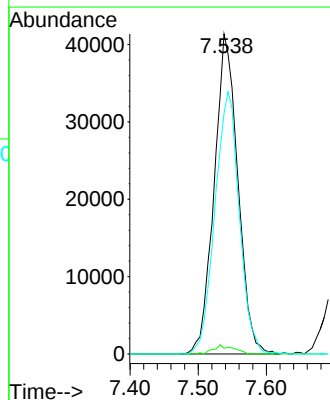
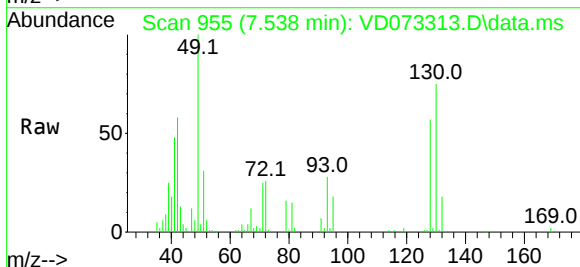
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MS

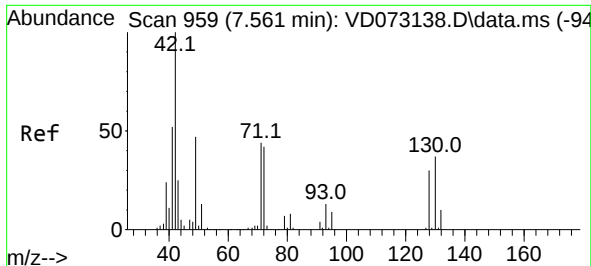
Tgt Ion: 96 Resp: 173065
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 313.8
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 61.084 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

Tgt Ion: 49 Resp: 99812
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 84.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 367.198 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

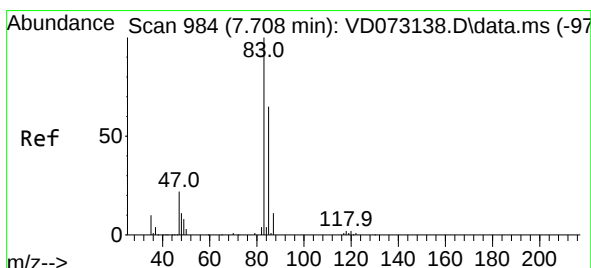
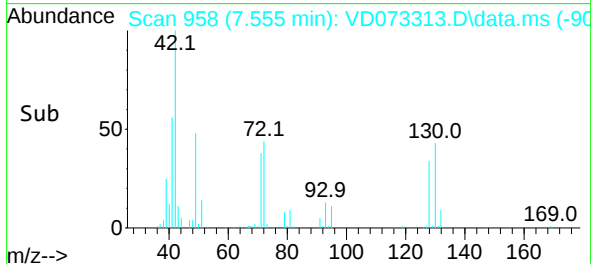
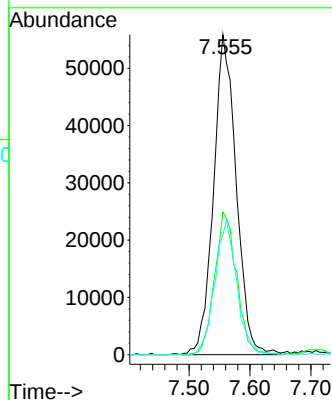
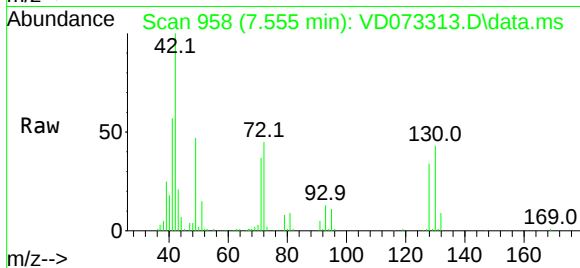
Tgt Ion: 42 Resp: 144491

Ion Ratio Lower Upper

42 100

72 43.3 30.7 46.1

71 40.6 28.6 43.0



#30

Chloroform

Concen: 61.674 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD073313.D

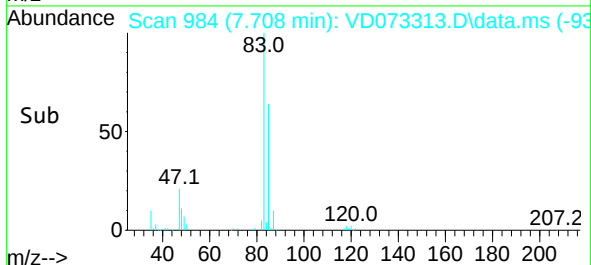
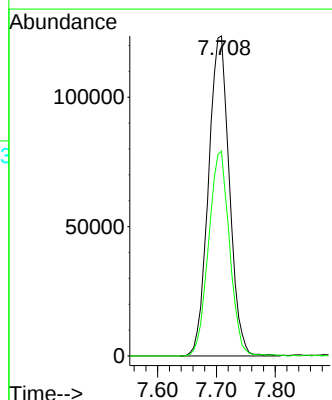
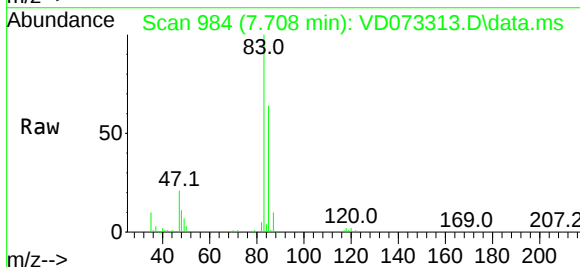
Acq: 24 May 2022 06:44

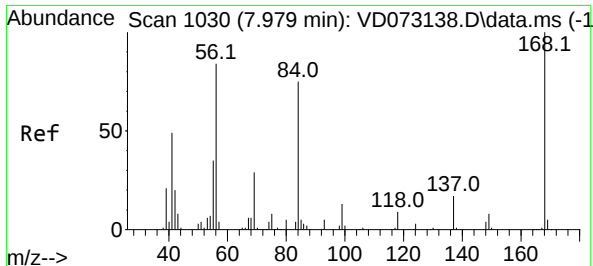
Tgt Ion: 83 Resp: 305391

Ion Ratio Lower Upper

83 100

85 64.0 52.7 79.1





#31

Cyclohexane

Concen: 36.759 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

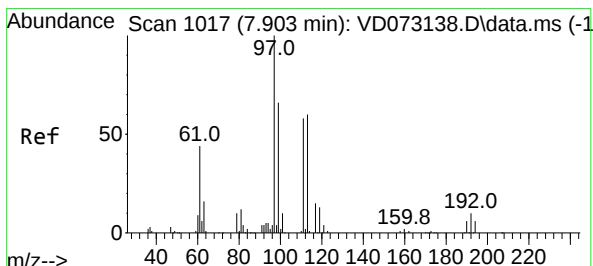
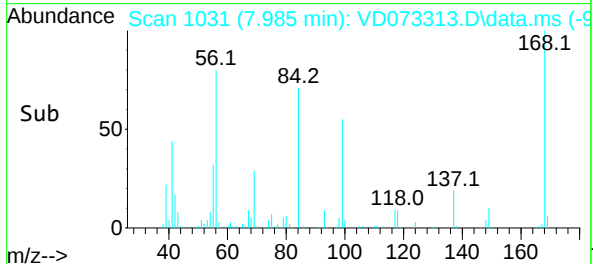
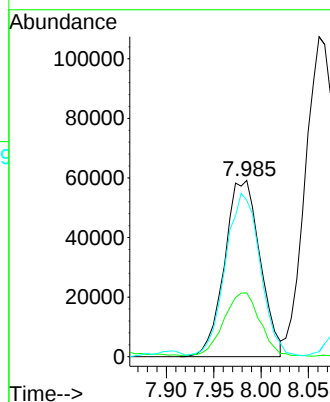
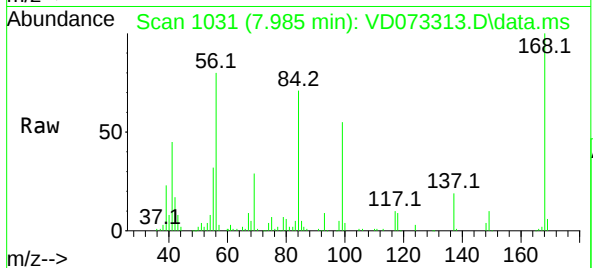
Tgt Ion: 56 Resp: 154259

Ion Ratio Lower Upper

56 100

69 35.5 25.4 38.2

84 86.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 52.235 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

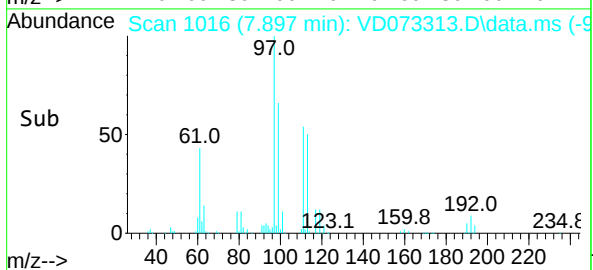
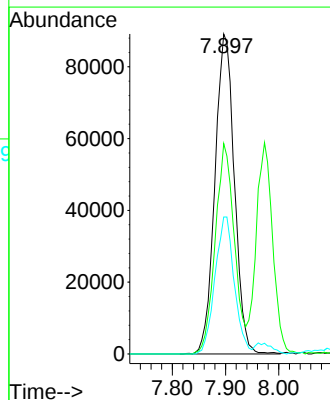
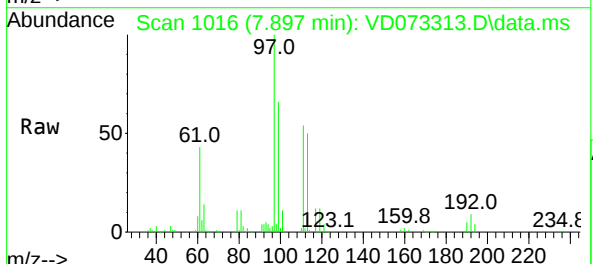
Tgt Ion: 97 Resp: 226219

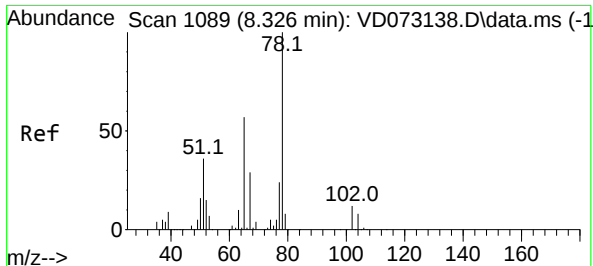
Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 42.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 67.441 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

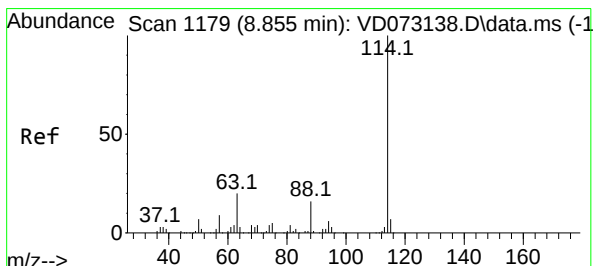
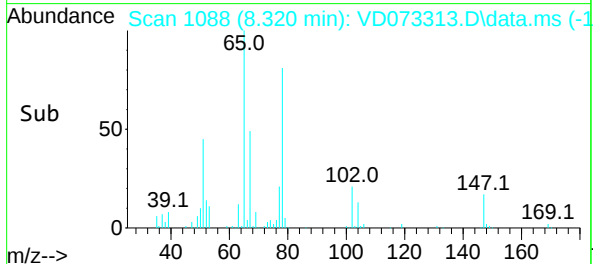
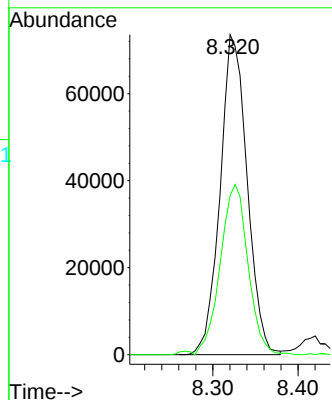
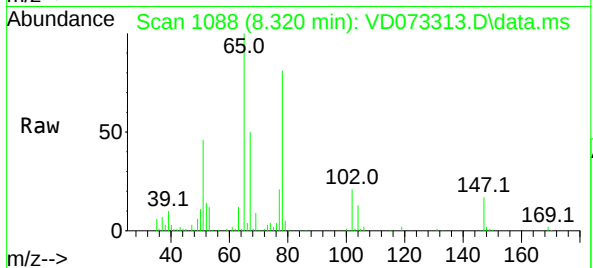
P044-SS001-0612-01MS

Tgt Ion: 65 Resp: 161953

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

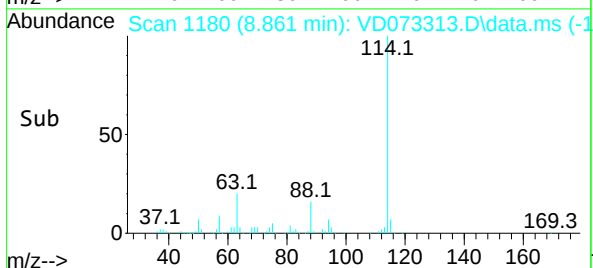
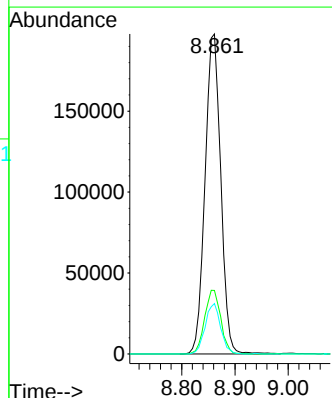
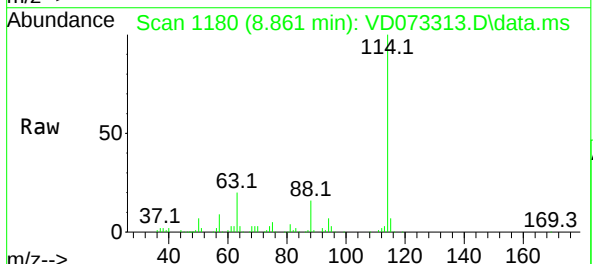
Tgt Ion: 114 Resp: 405702

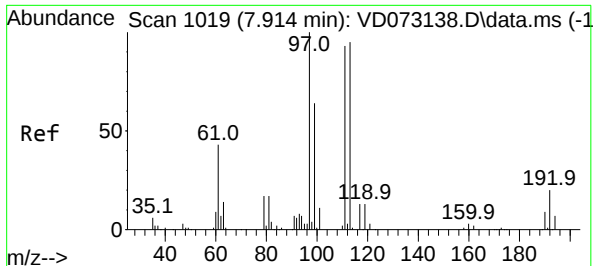
Ion Ratio Lower Upper

114 100

63 19.8 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 58.413 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

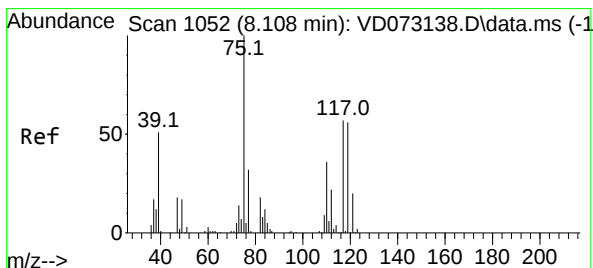
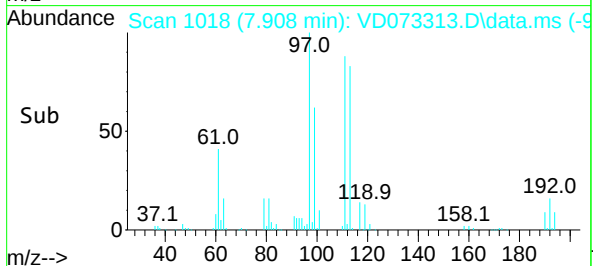
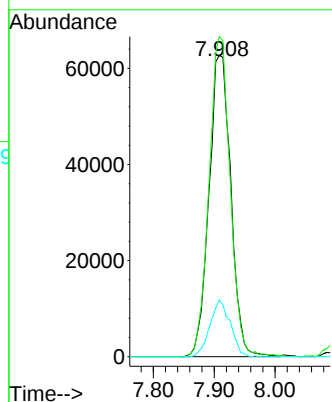
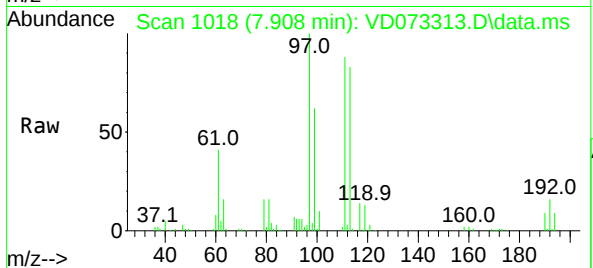
Tgt Ion:113 Resp: 156376

Ion Ratio Lower Upper

113 100

111 102.8 83.8 125.6

192 17.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 42.815 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

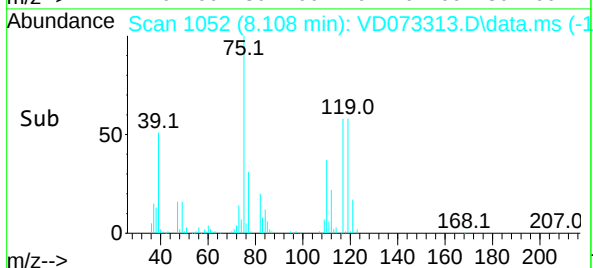
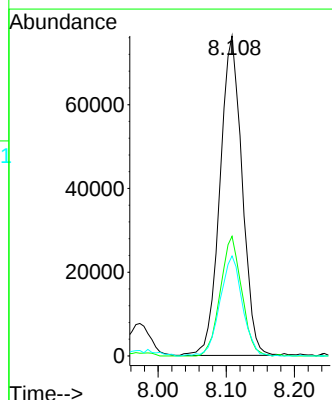
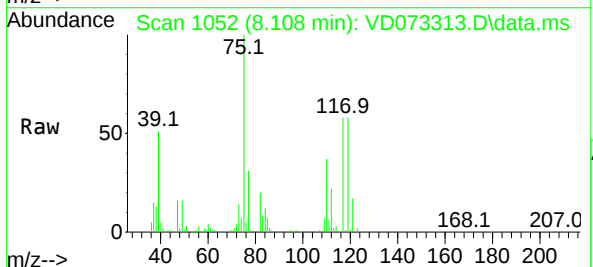
Tgt Ion: 75 Resp: 172384

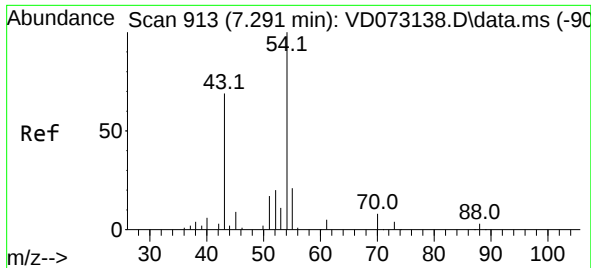
Ion Ratio Lower Upper

75 100

110 36.2 16.4 49.1

77 31.6 24.2 36.2





#37

Ethyl Acetate

Concen: 27.823 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

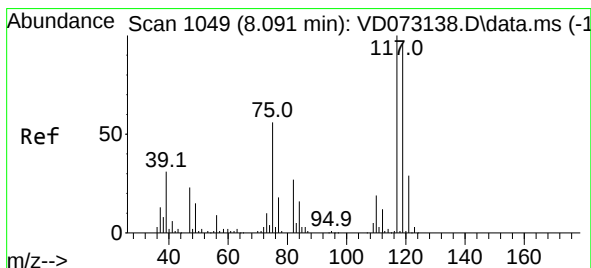
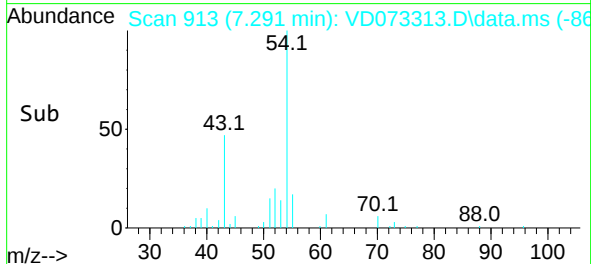
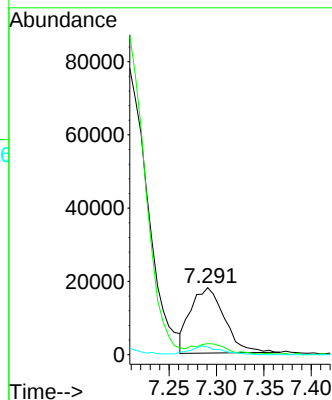
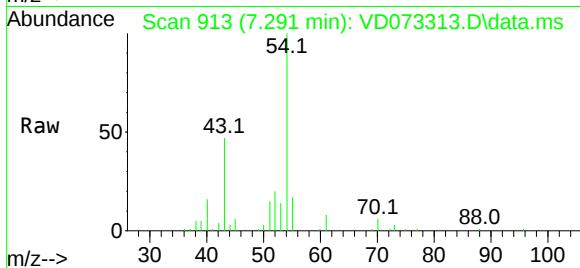
Tgt Ion: 43 Resp: 44248

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 11.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 44.294 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

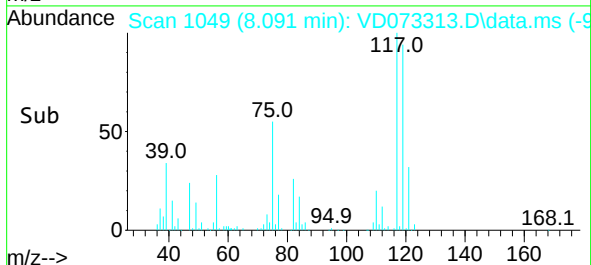
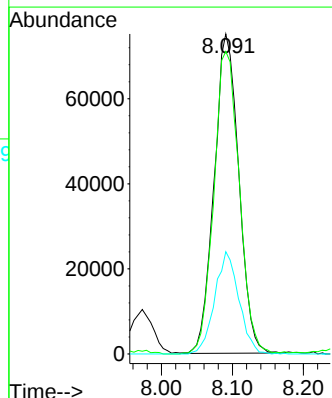
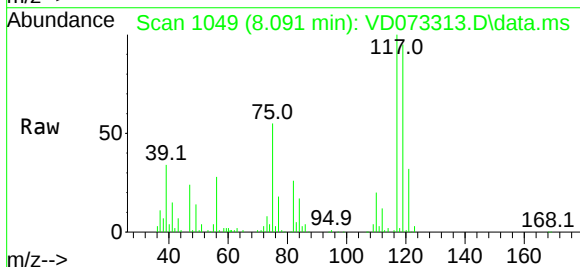
Tgt Ion: 117 Resp: 180778

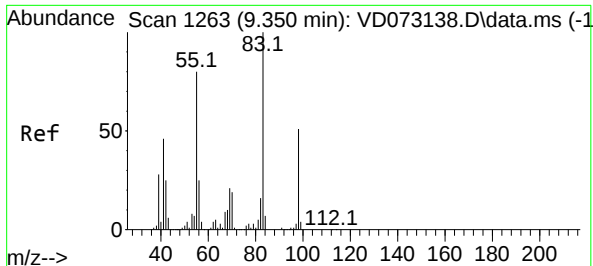
Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.6

121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 33.218 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

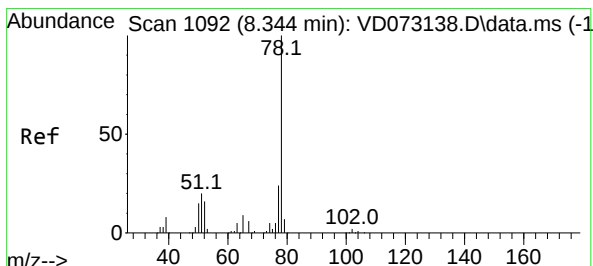
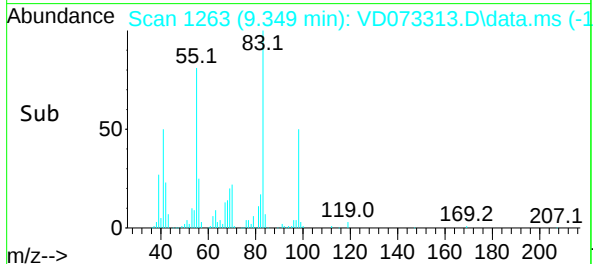
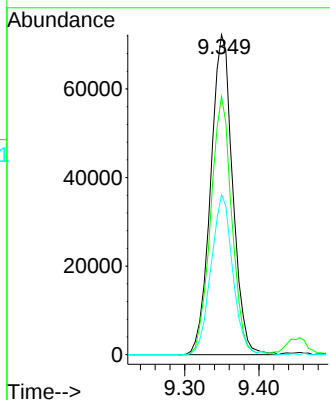
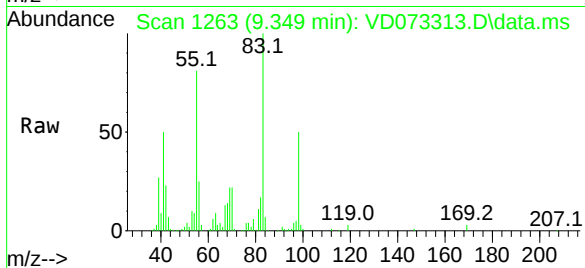
Tgt Ion: 83 Resp: 149052

Ion Ratio Lower Upper

83 100

55 80.7 63.2 94.8

98 49.9 38.2 57.4



#40

Benzene

Concen: 51.602 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073313.D

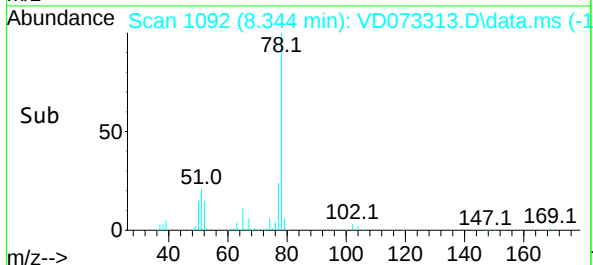
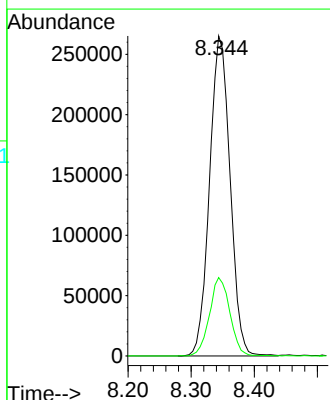
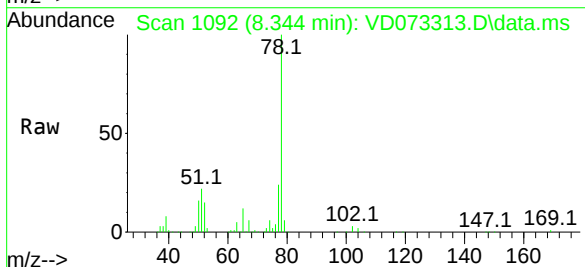
Acq: 24 May 2022 06:44

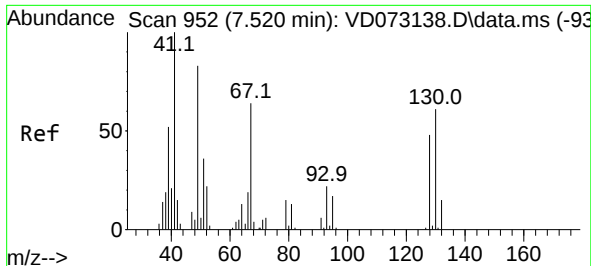
Tgt Ion: 78 Resp: 598780

Ion Ratio Lower Upper

78 100

77 24.5 19.1 28.7



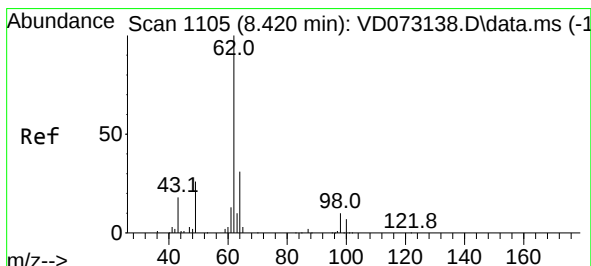
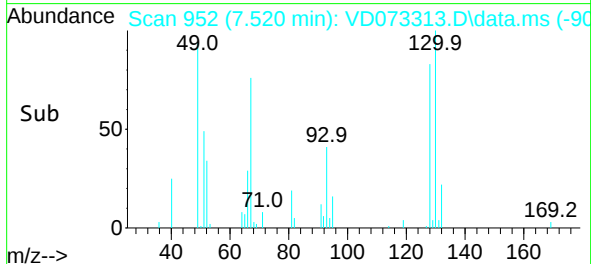
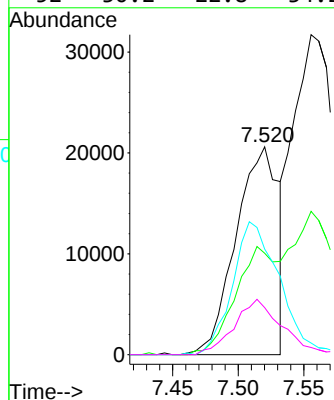
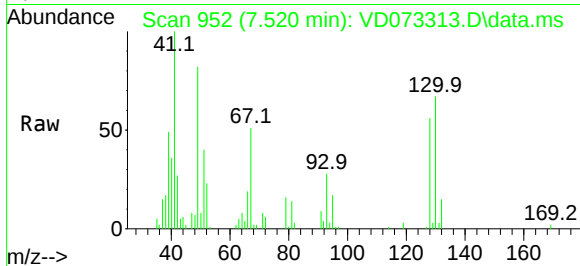


#41
Methacrylonitrile
Concen: 50.379 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

Tgt Ion: 41 Resp: 46681

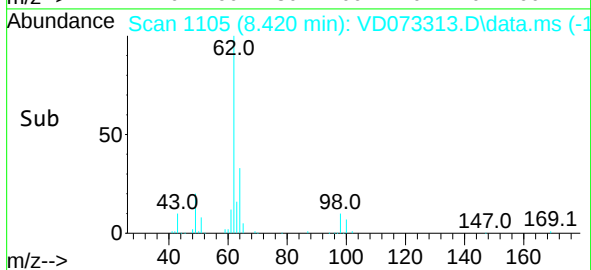
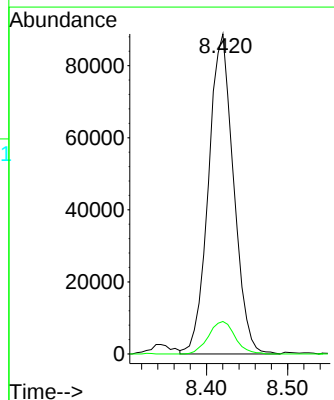
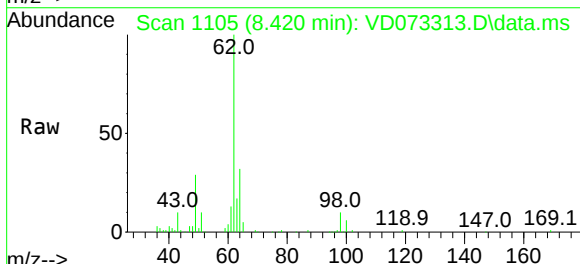
Ion	Ratio	Lower	Upper
41	100		
39	45.2	44.6	67.0
67	70.4	48.2	72.4
52	30.2	22.8	34.2

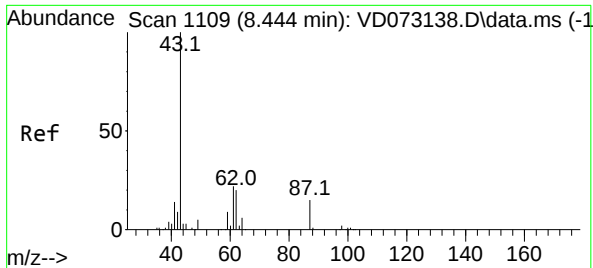


#42
1,2-Dichloroethane
Concen: 59.027 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 62 Resp: 190583

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	17.6

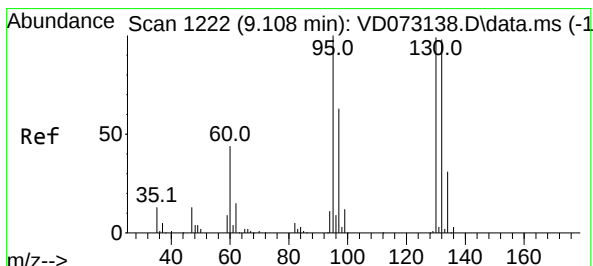
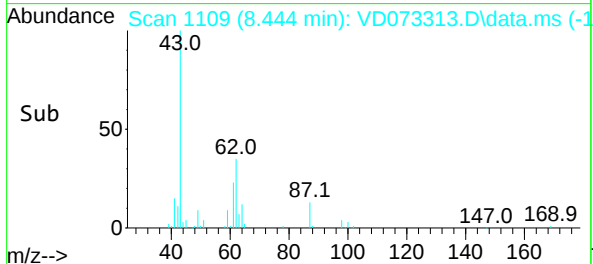
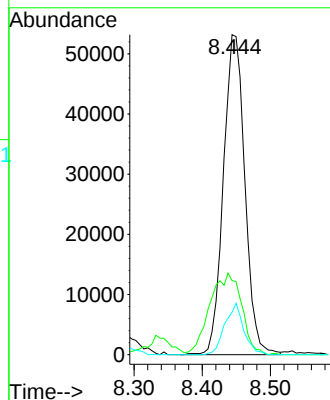
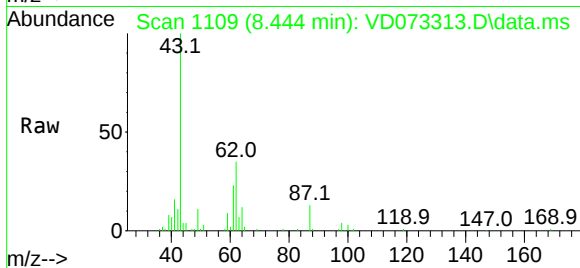




#43
Isopropyl Acetate
Concen: 39.726 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

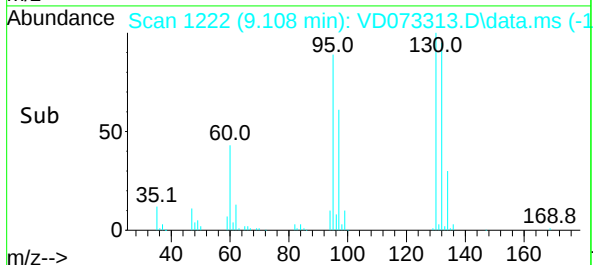
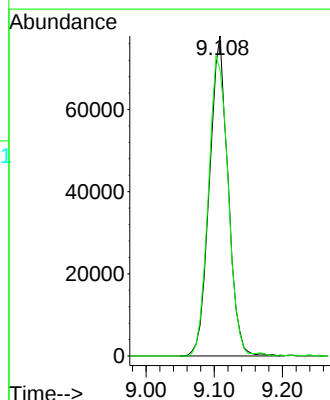
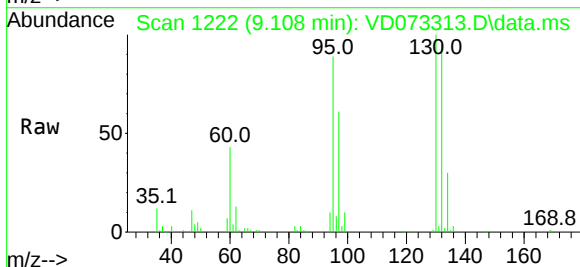
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

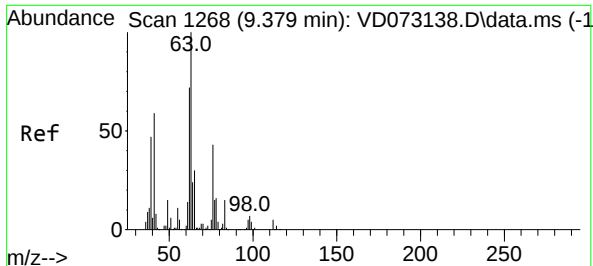
Tgt Ion: 43 Resp: 116778
Ion Ratio Lower Upper
43 100
61 37.7 22.4 33.6#
87 14.1 8.7 13.1#



#44
Trichloroethene
Concen: 47.790 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion:130 Resp: 147879
Ion Ratio Lower Upper
130 100
95 89.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 57.239 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

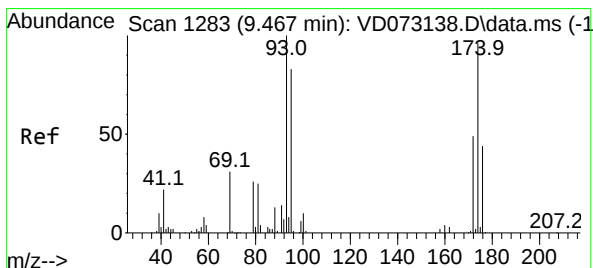
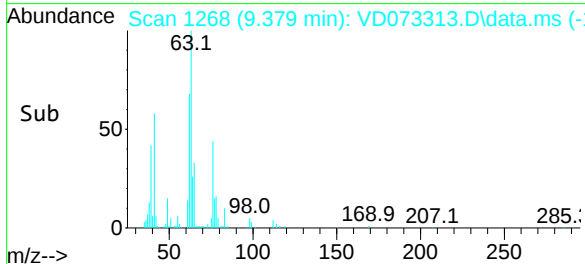
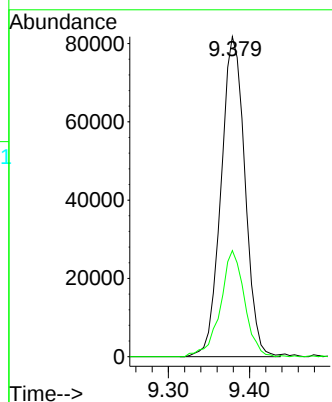
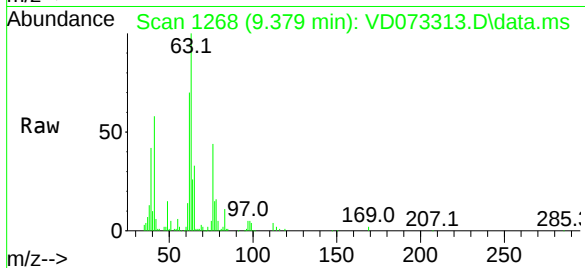
P044-SS001-0612-01MS

Tgt Ion: 63 Resp: 167269

Ion Ratio Lower Upper

63 100

65 33.2 26.2 39.4



#46

Dibromomethane

Concen: 59.142 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

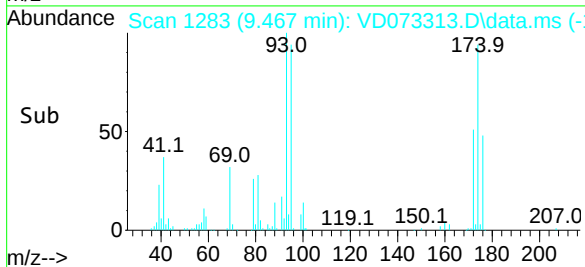
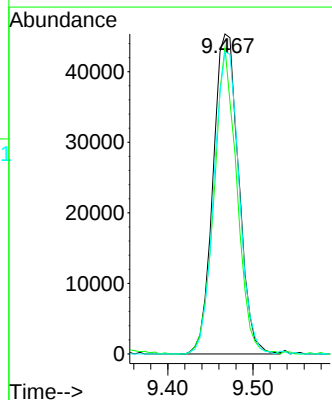
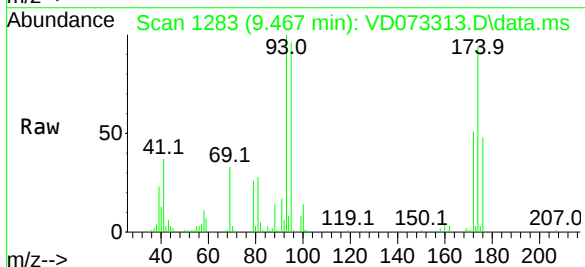
Tgt Ion: 93 Resp: 94922

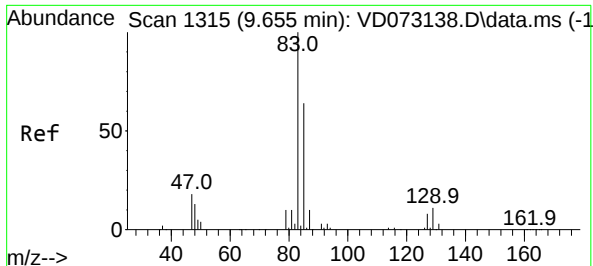
Ion Ratio Lower Upper

93 100

95 84.9 66.7 100.1

174 92.8 71.6 107.4





#47

Bromodichloromethane

Concen: 58.524 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

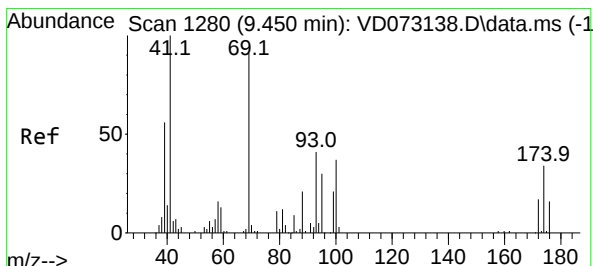
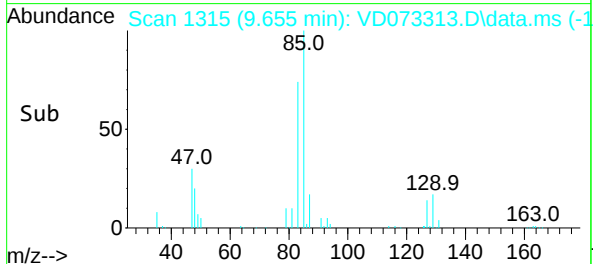
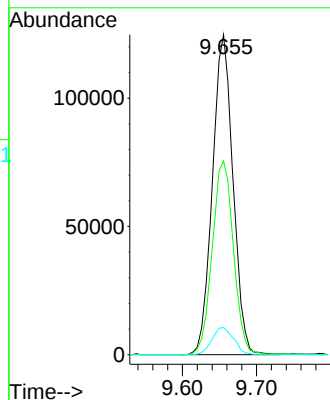
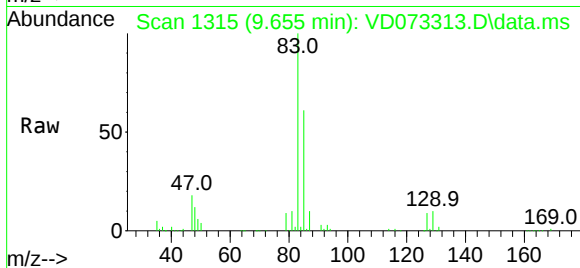
Tgt Ion: 83 Resp: 240336

Ion Ratio Lower Upper

83 100

85 60.5 51.4 77.0

127 8.5 6.1 9.1



#48

Methyl methacrylate

Concen: 65.245 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

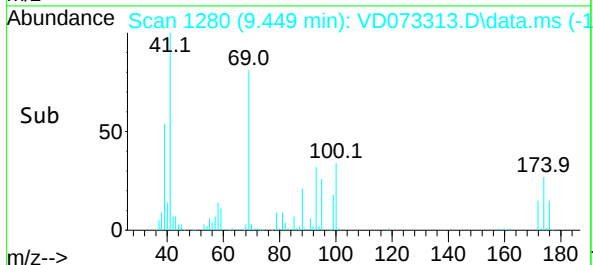
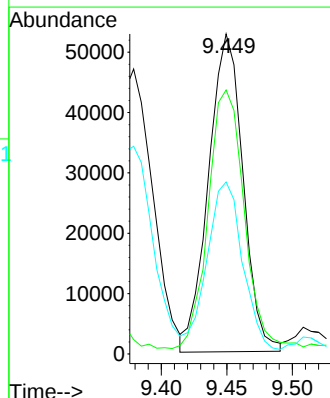
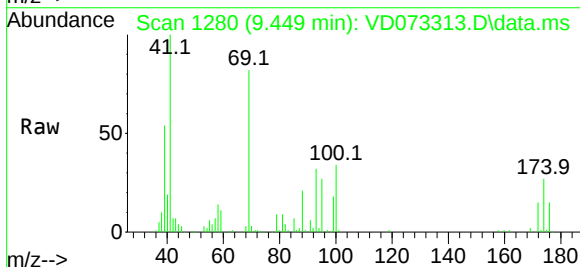
Tgt Ion: 41 Resp: 96493

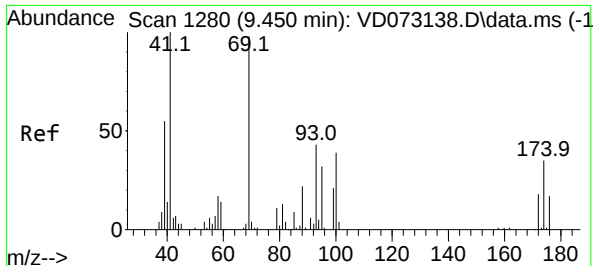
Ion Ratio Lower Upper

41 100

69 84.7 56.7 85.1

39 56.8 42.7 64.1





#49

1,4-Dioxane

Concen: 1343.439 ug/l

RT: 9.449 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

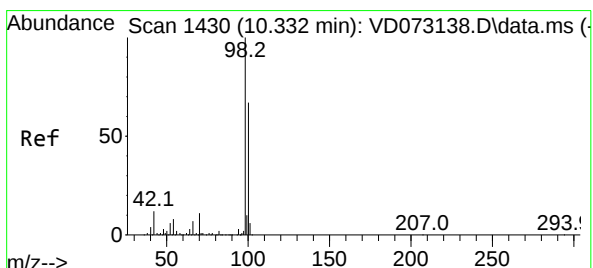
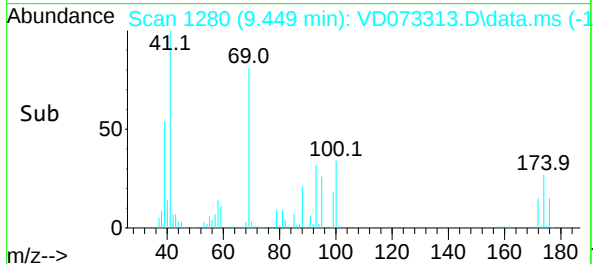
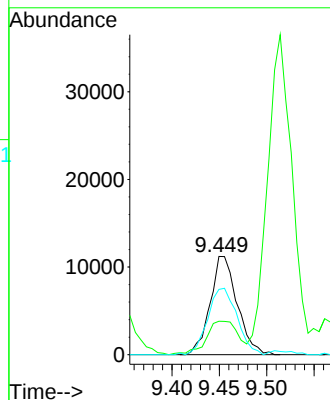
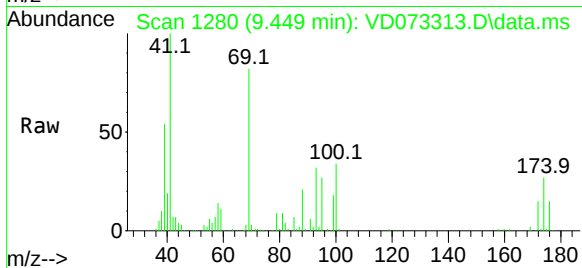
Tgt Ion: 88 Resp: 22267

Ion Ratio Lower Upper

88 100

43 40.3 31.0 46.4

58 73.2 58.1 87.1



#50

Toluene-d8

Concen: 52.659 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073313.D

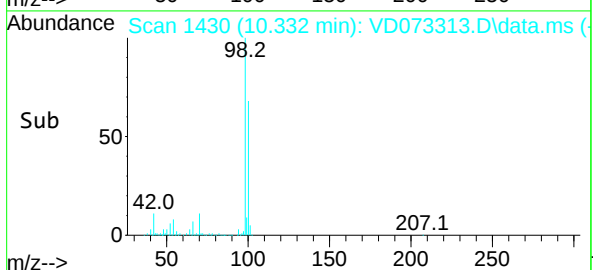
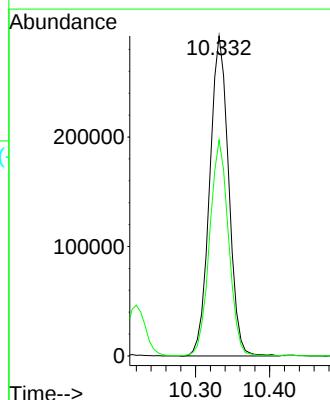
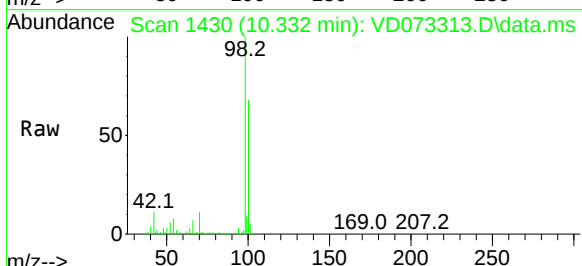
Acq: 24 May 2022 06:44

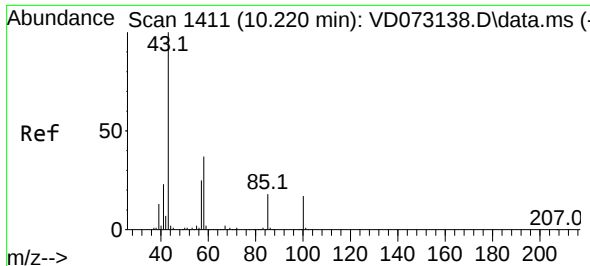
Tgt Ion: 98 Resp: 519662

Ion Ratio Lower Upper

98 100

100 67.2 52.4 78.6

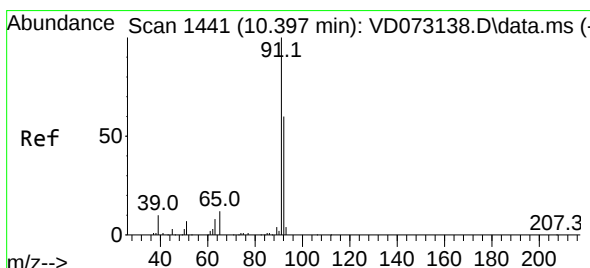
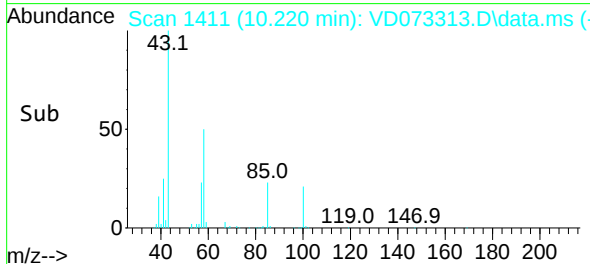
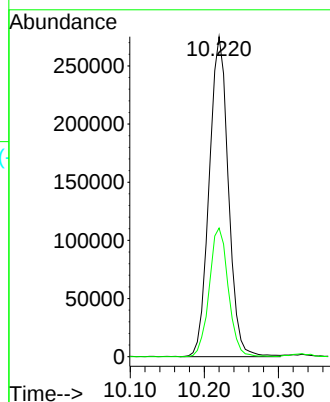
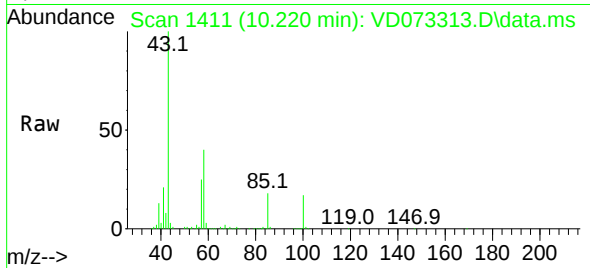




#51
4-Methyl-2-Pentanone
Concen: 324.391 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

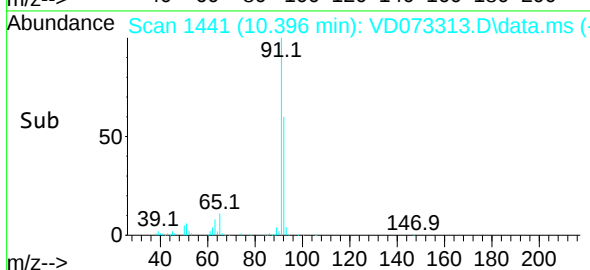
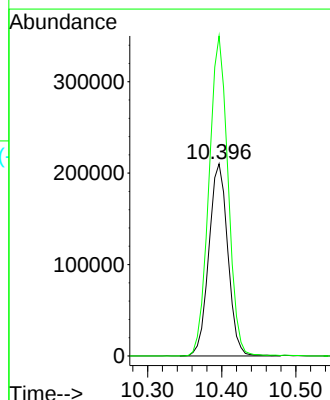
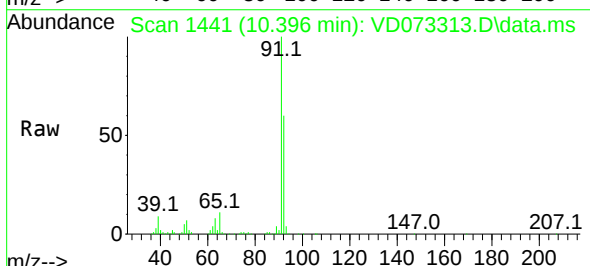
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

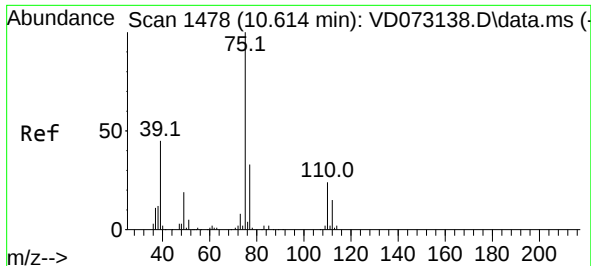
Tgt Ion: 43 Resp: 495266
Ion Ratio Lower Upper
43 100
58 40.0 28.6 43.0



#52
Toluene
Concen: 50.866 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 92 Resp: 372984
Ion Ratio Lower Upper
92 100
91 167.3 139.6 209.4

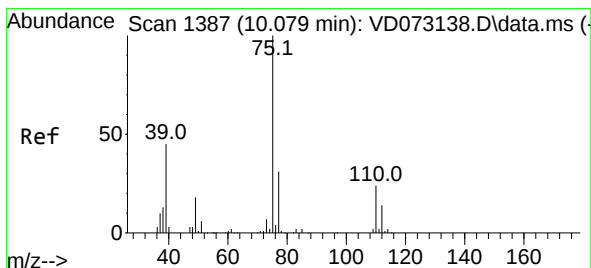
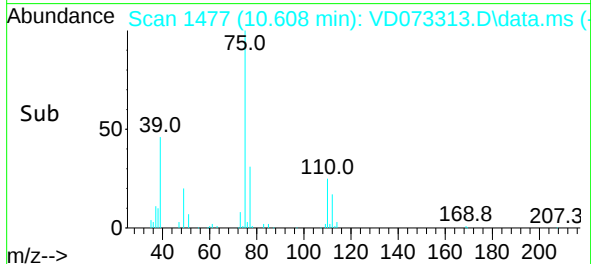
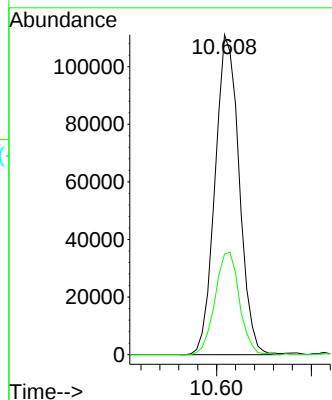
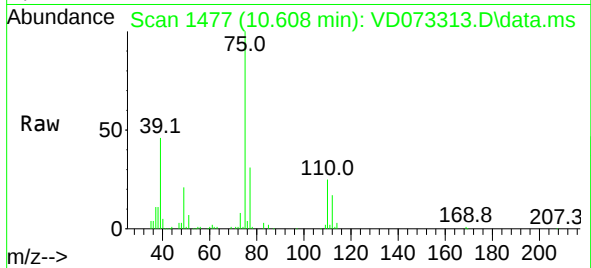




#53
t-1,3-Dichloropropene
Concen: 52.976 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

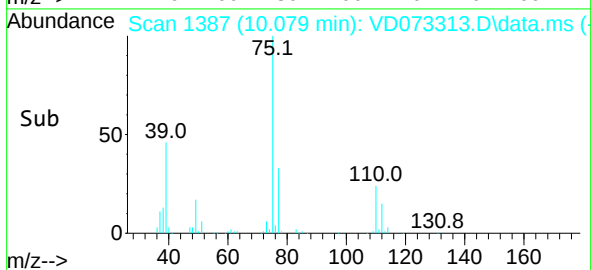
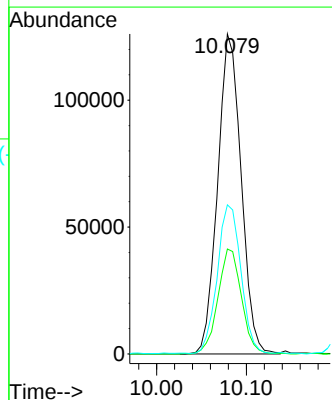
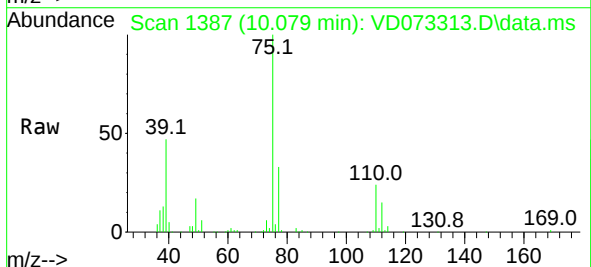
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

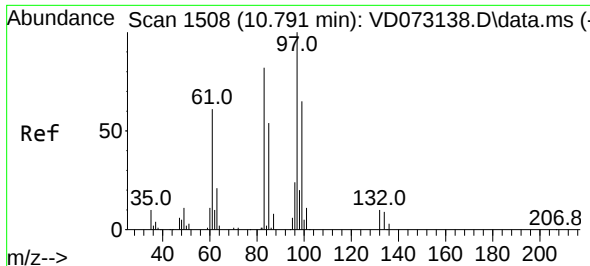
Tgt Ion: 75 Resp: 196544
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.609 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 75 Resp: 229132
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2
39 46.4 46.8 70.2#



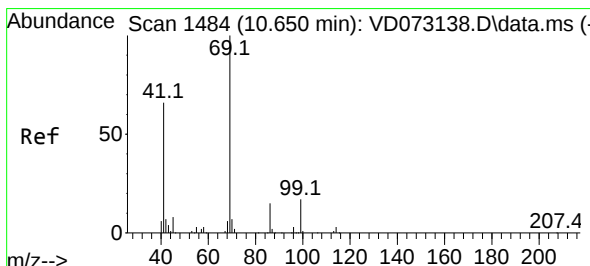
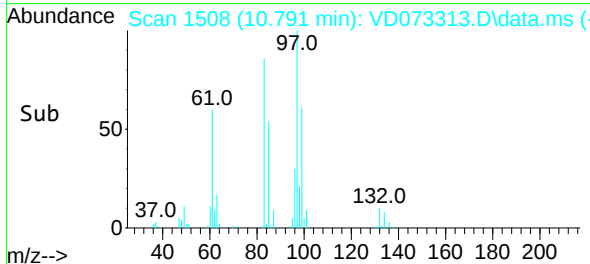
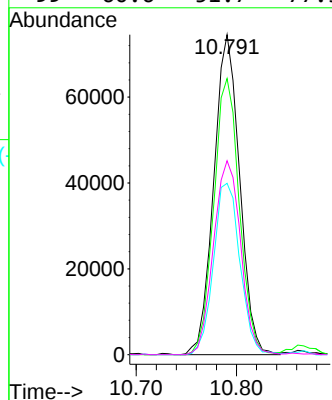
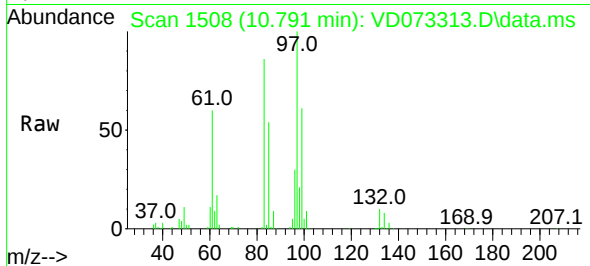


#55
1,1,2-Trichloroethane
Concen: 61.420 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

Tgt Ion: 97 Resp: 133302

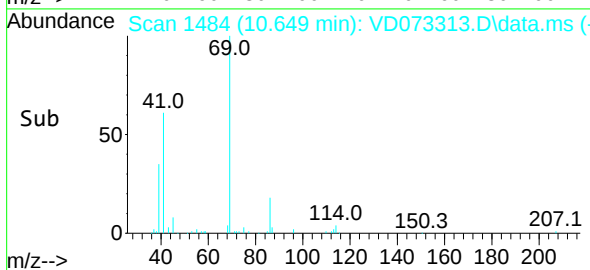
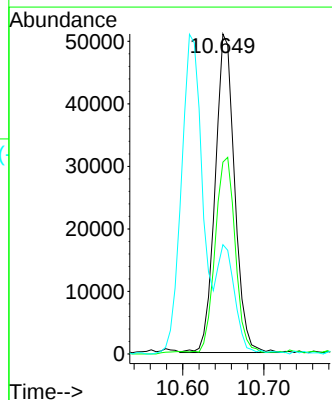
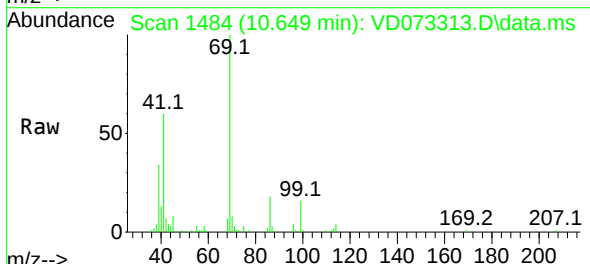
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	53.6	42.6	63.8
99	60.6	51.7	77.5

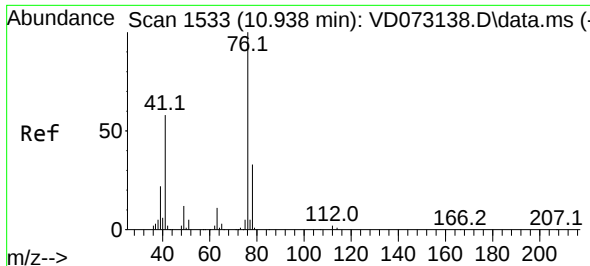


#56
Ethyl methacrylate
Concen: 35.205 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 69 Resp: 84952

Ion	Ratio	Lower	Upper
69	100		
41	62.9	63.0	94.6#
39	31.1	33.8	50.8#





#57

1,3-Dichloropropane

Concen: 61.058 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

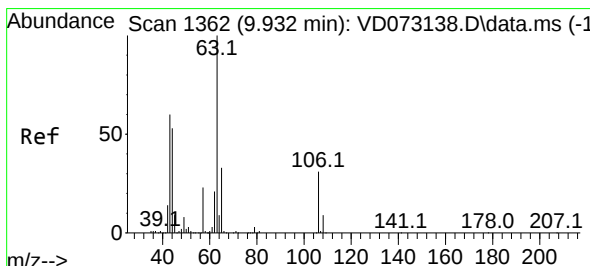
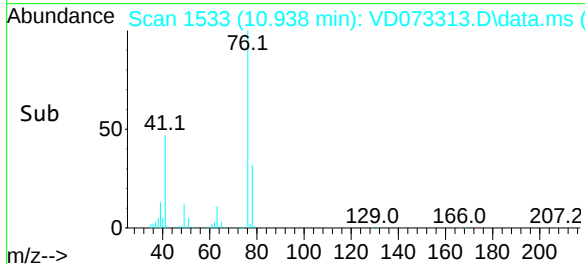
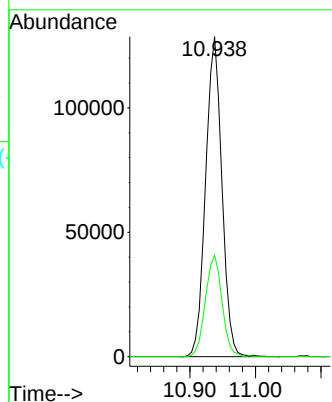
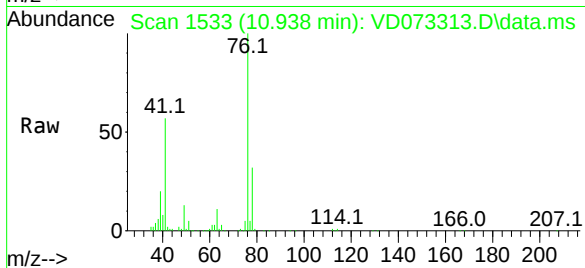
P044-SS001-0612-01MS

Tgt Ion: 76 Resp: 222353

Ion Ratio Lower Upper

76 100

78 32.3 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 271.313 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073313.D

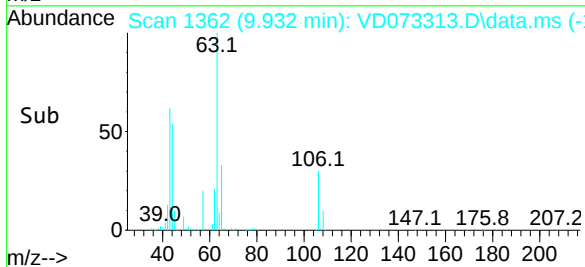
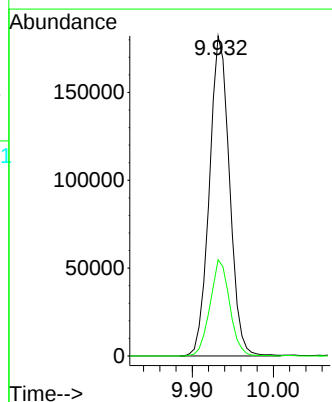
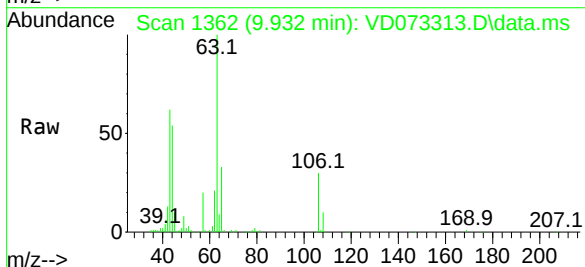
Acq: 24 May 2022 06:44

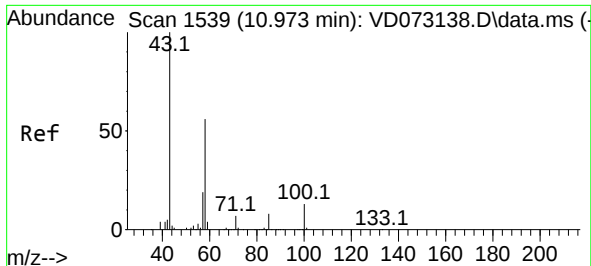
Tgt Ion: 63 Resp: 313365

Ion Ratio Lower Upper

63 100

106 29.3 21.4 32.0

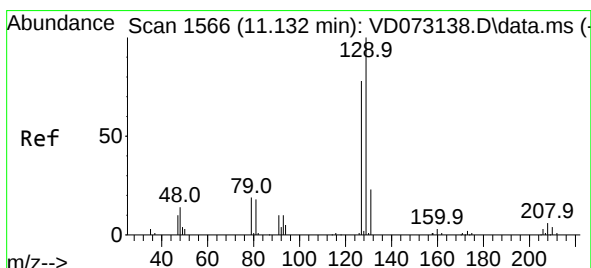
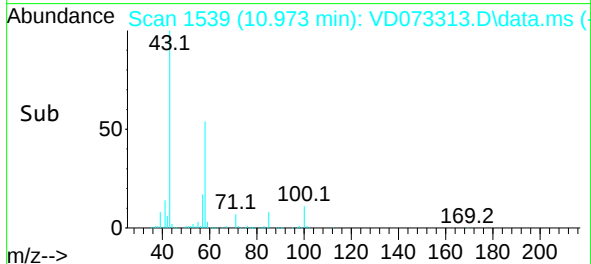
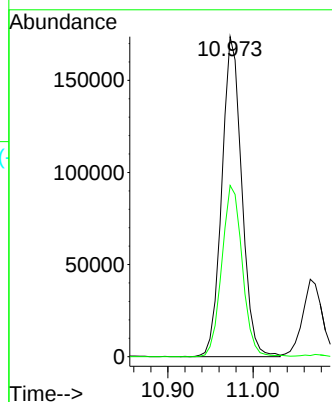
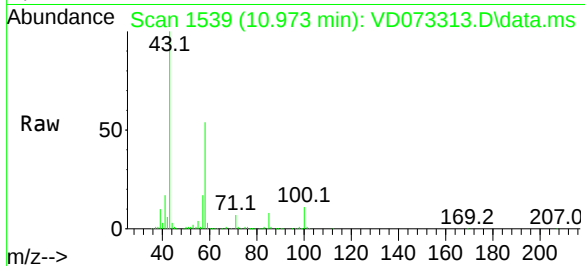




#59
2-Hexanone
Concen: 280.632 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

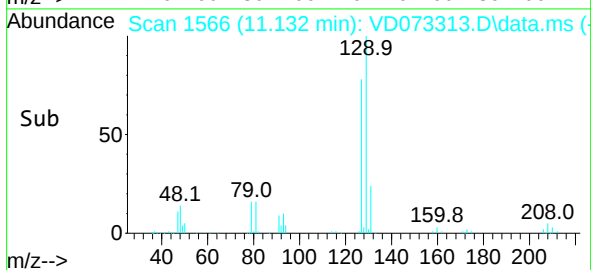
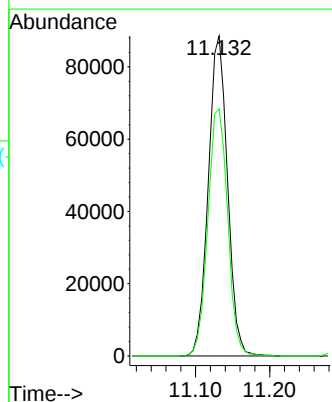
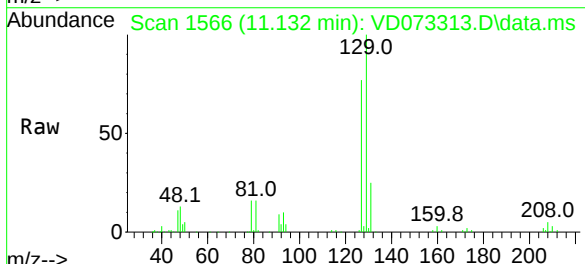
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

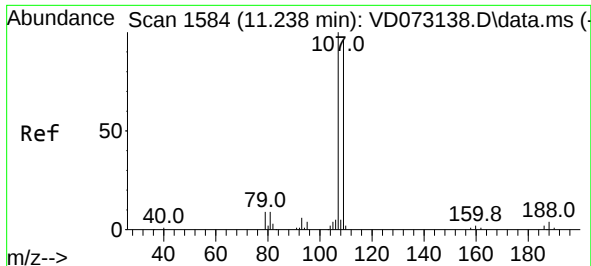
Tgt Ion: 43 Resp: 282476
Ion Ratio Lower Upper
43 100
58 55.1 25.3 75.9



#60
Dibromochloromethane
Concen: 58.907 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion:129 Resp: 159418
Ion Ratio Lower Upper
129 100
127 79.6 39.2 117.6

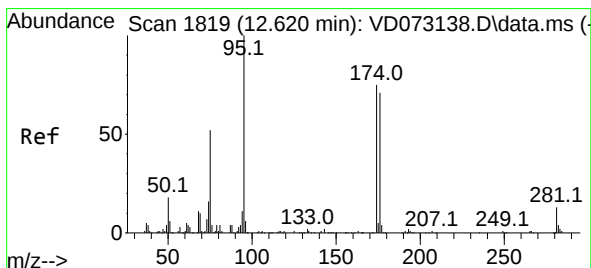
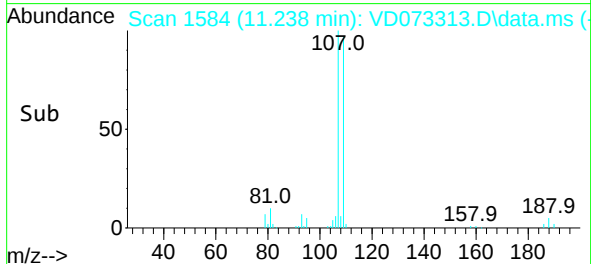
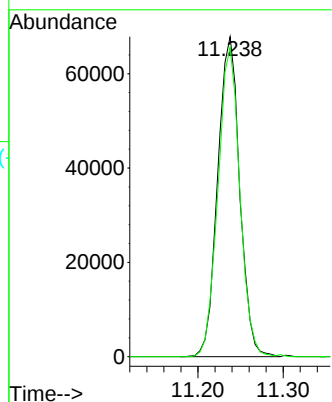
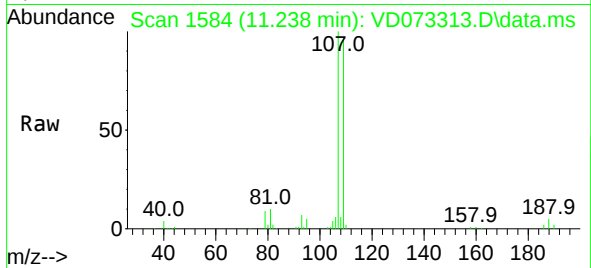




#61
1,2-Dibromoethane
Concen: 58.658 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

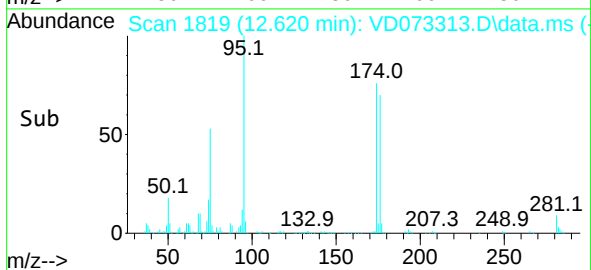
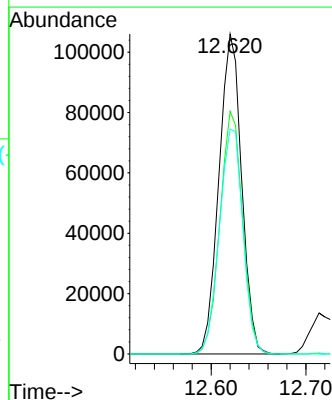
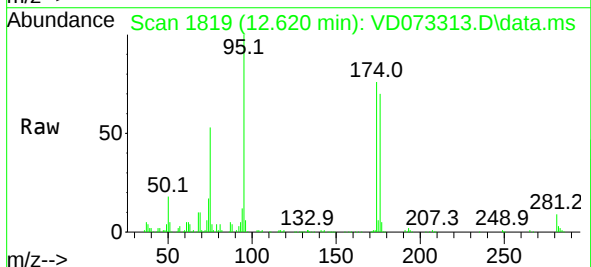
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

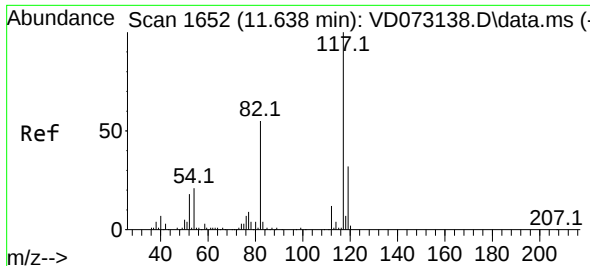
Tgt Ion:107 Resp: 121653
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 50.886 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 95 Resp: 176231
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.8
176 73.1 0.0 145.4

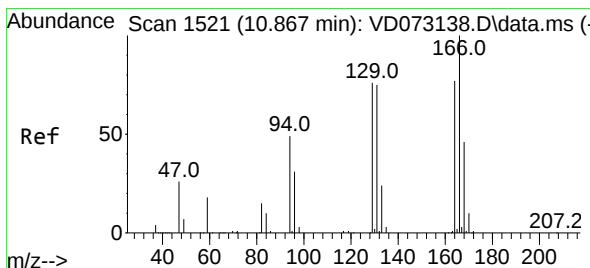
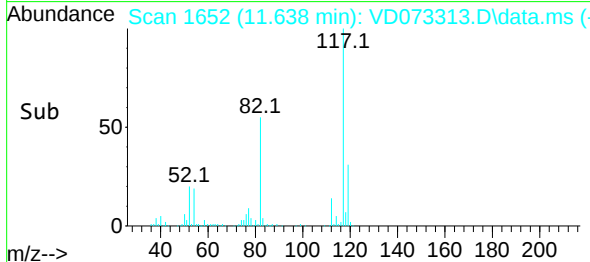
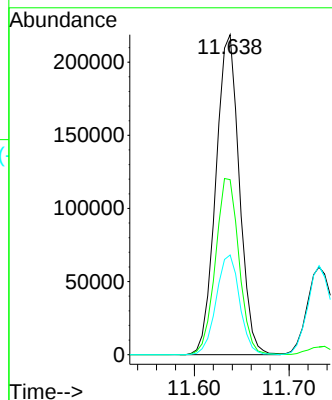
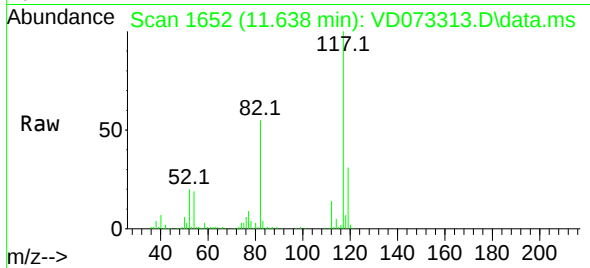




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

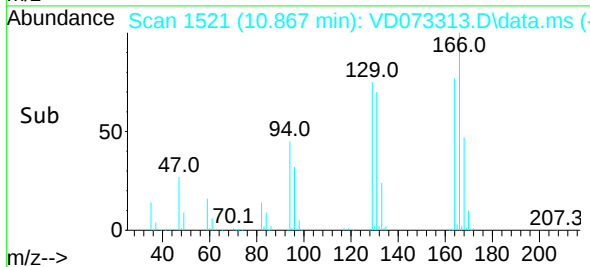
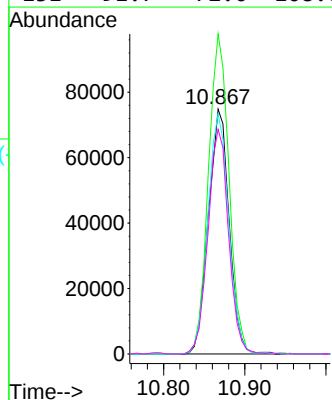
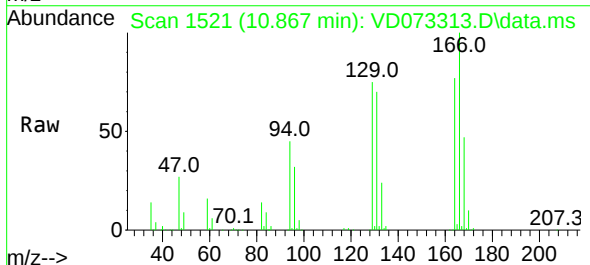
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

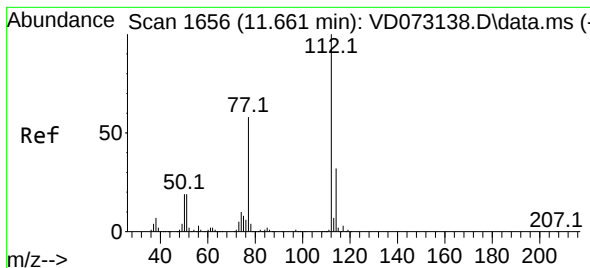
Tgt Ion:117 Resp: 377329
Ion Ratio Lower Upper
117 100
82 54.7 45.3 67.9
119 31.2 26.6 40.0



#64
Tetrachloroethene
Concen: 53.896 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion:164 Resp: 133199
Ion Ratio Lower Upper
164 100
166 130.7 98.5 147.7
129 98.0 74.6 111.8
131 91.7 72.0 108.0





#65

Chlorobenzene

Concen: 50.099 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

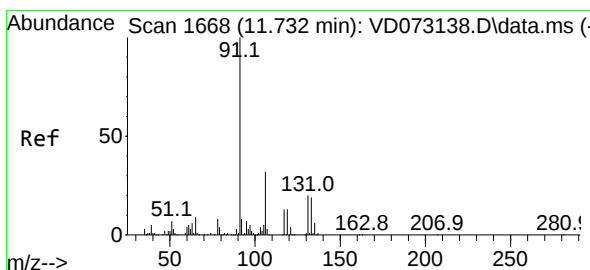
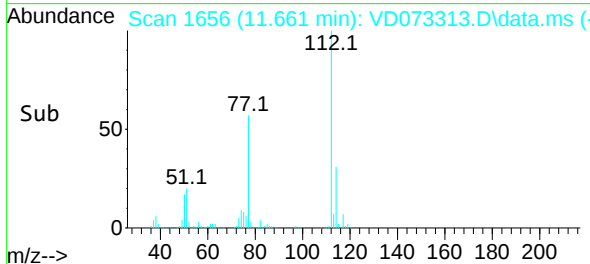
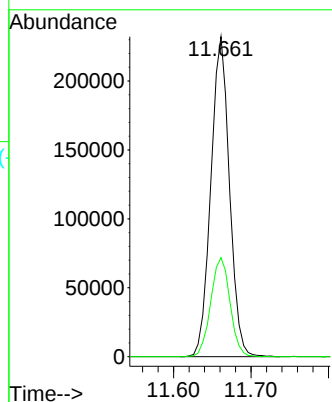
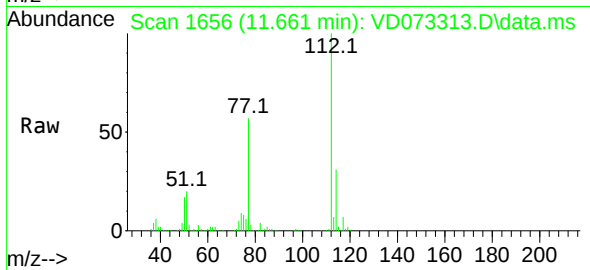
P044-SS001-0612-01MS

Tgt Ion:112 Resp: 387808

Ion Ratio Lower Upper

112 100

114 30.9 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 57.006 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

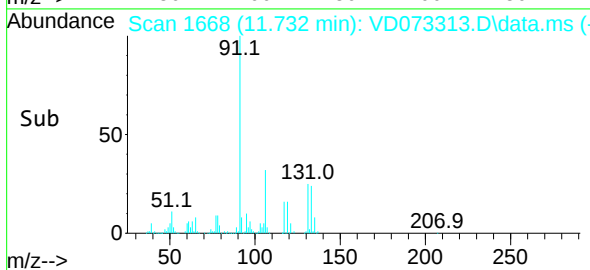
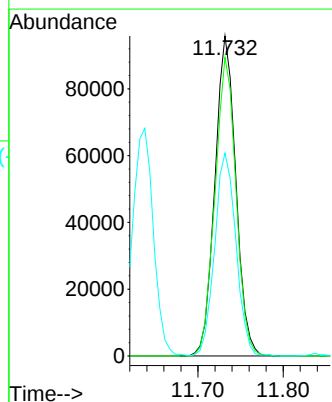
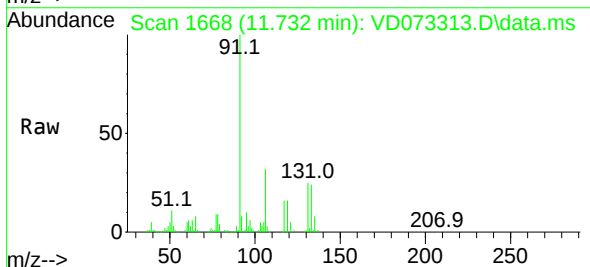
Tgt Ion:131 Resp: 163654

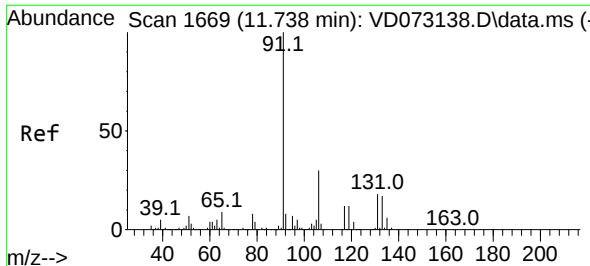
Ion Ratio Lower Upper

131 100

133 93.6 48.1 144.3

119 64.5 31.9 95.9

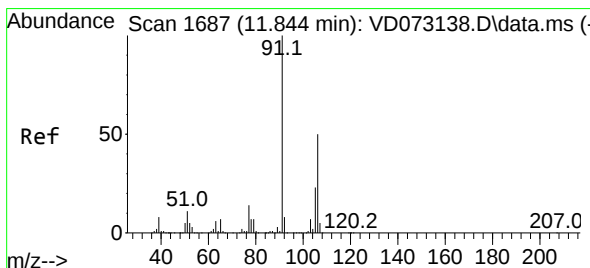
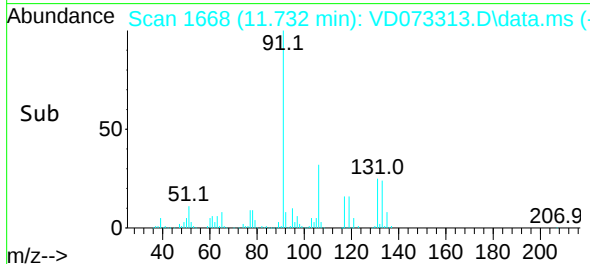
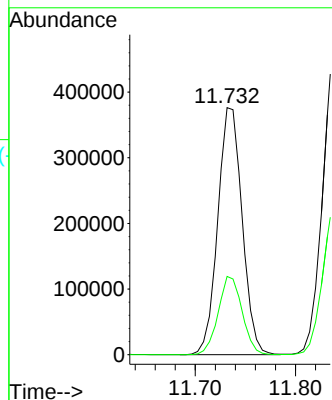
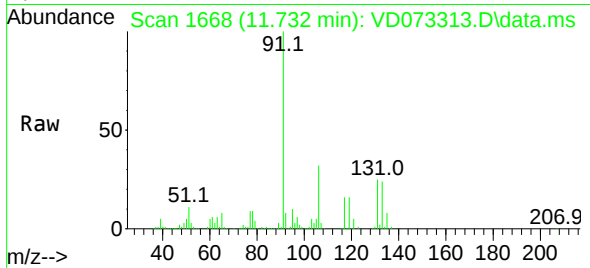




#67
Ethyl Benzene
Concen: 46.772 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

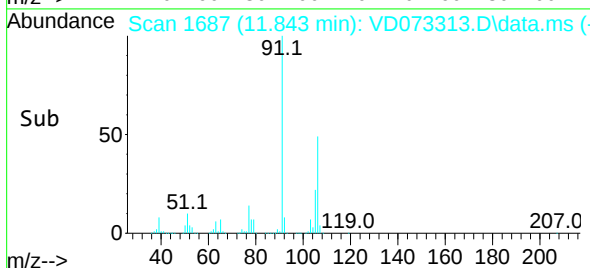
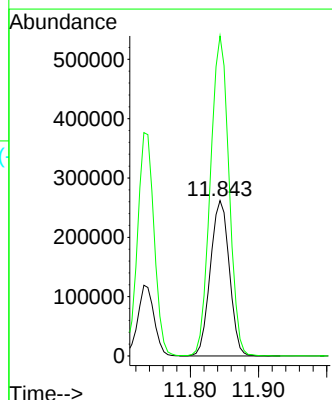
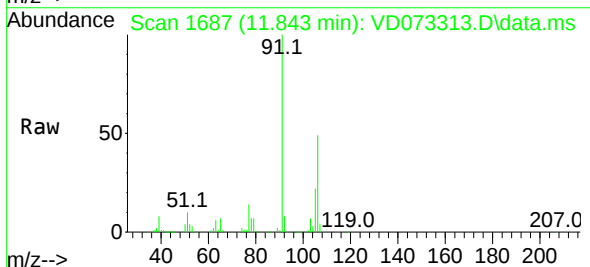
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

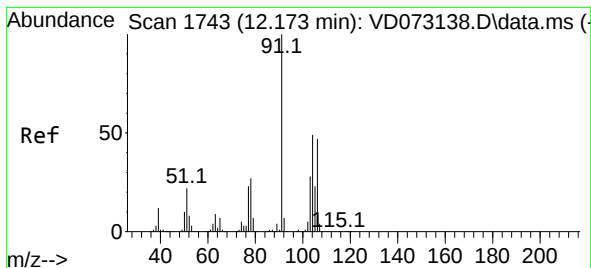
Tgt Ion: 91 Resp: 635569
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4



#68
m/p-Xylenes
Concen: 96.058 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion:106 Resp: 507132
Ion Ratio Lower Upper
106 100
91 202.2 163.7 245.5





#69

o-Xylene

Concen: 50.637 ug/l

RT: 12.173 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

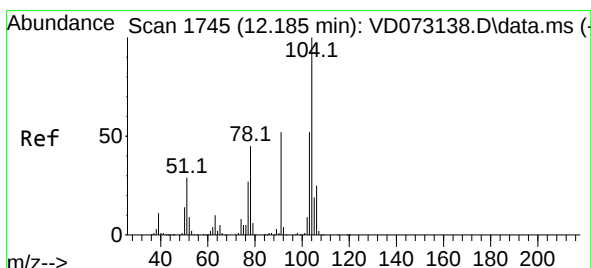
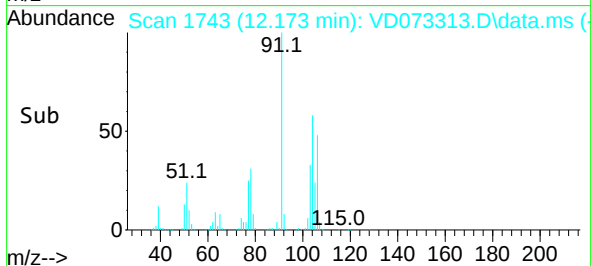
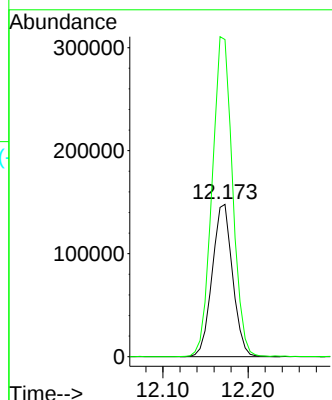
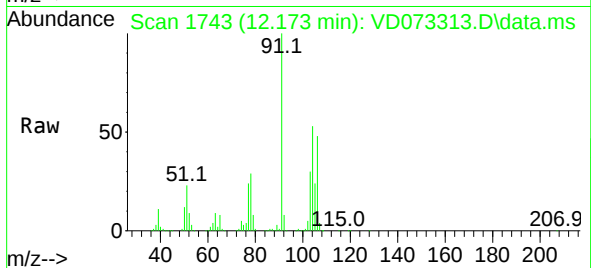
P044-SS001-0612-01MS

Tgt Ion:106 Resp: 245585

Ion Ratio Lower Upper

106 100

91 210.5 110.4 331.2



#70

Styrene

Concen: 52.642 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

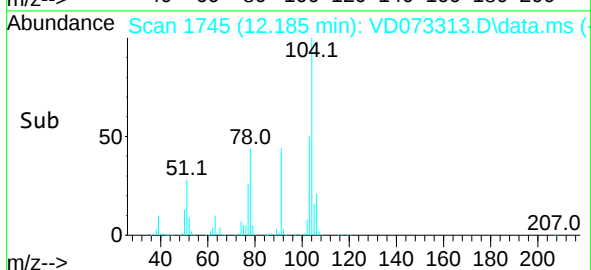
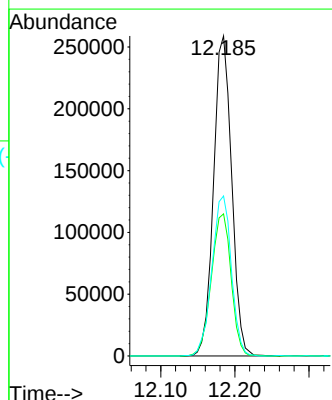
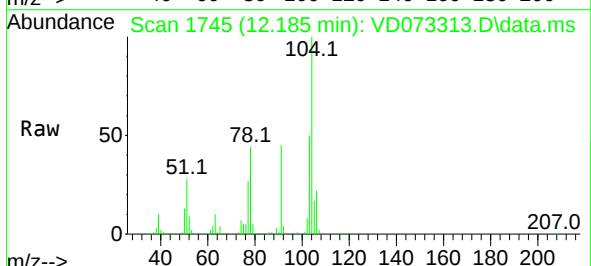
Tgt Ion:104 Resp: 439260

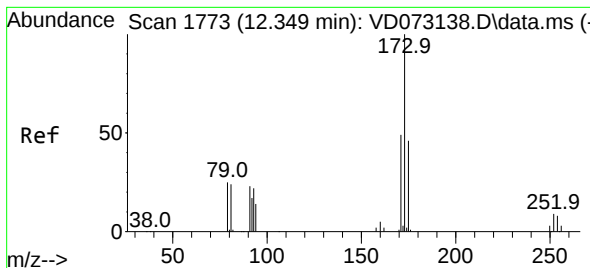
Ion Ratio Lower Upper

104 100

78 48.5 41.8 62.8

103 53.9 44.2 66.4





#71

Bromoform

Concen: 61.243 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

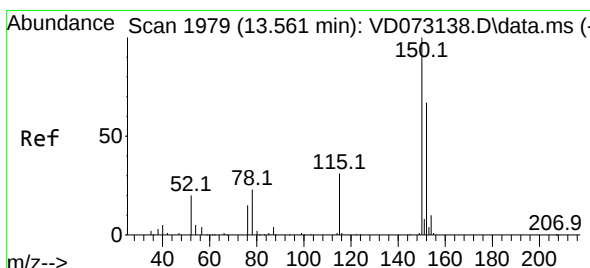
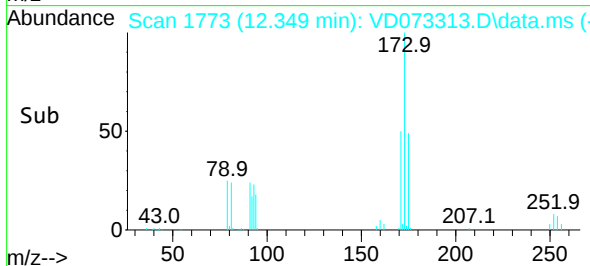
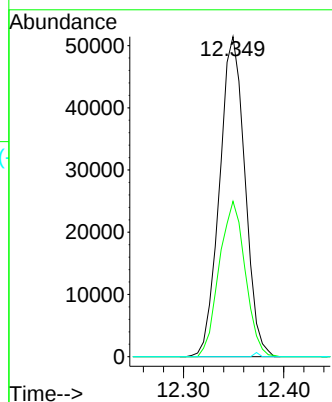
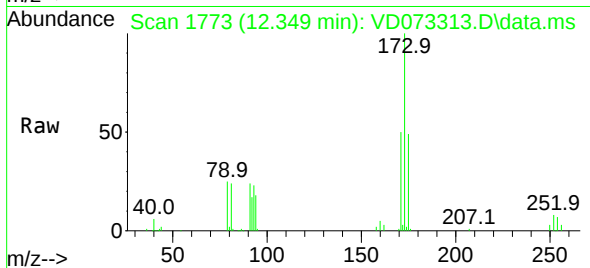
Tgt Ion:173 Resp: 90488

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: VD073313.D

Acq: 24 May 2022 06:44

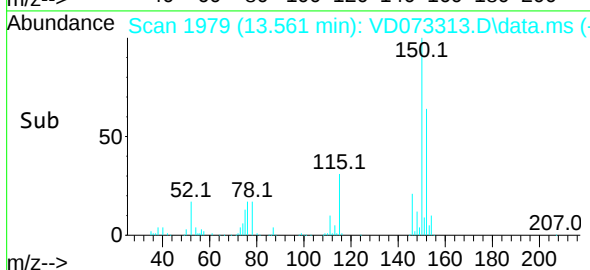
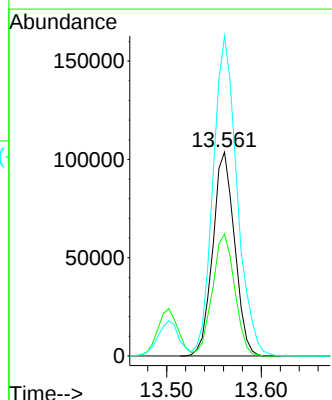
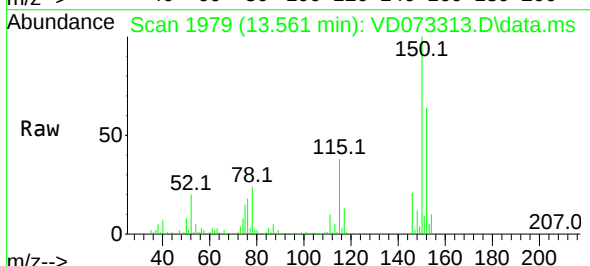
Tgt Ion:152 Resp: 166194

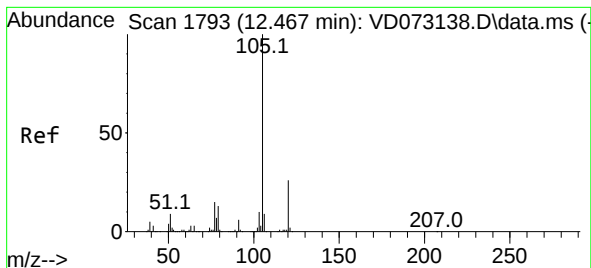
Ion Ratio Lower Upper

152 100

115 61.1 31.3 93.8

150 173.0 0.0 348.6





#73

Isopropylbenzene

Concen: 48.429 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

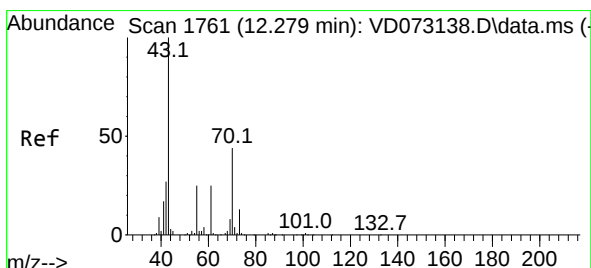
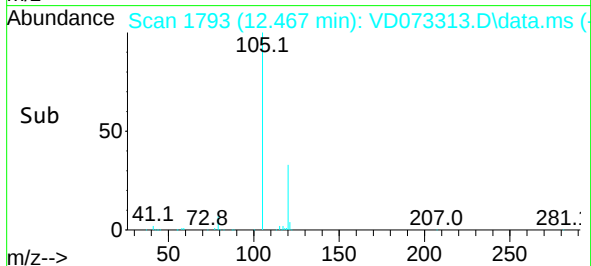
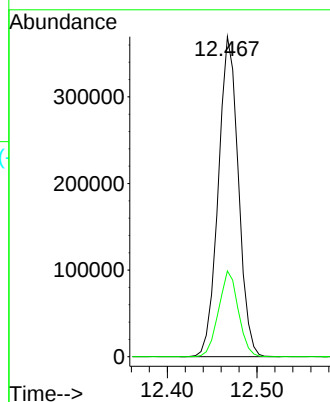
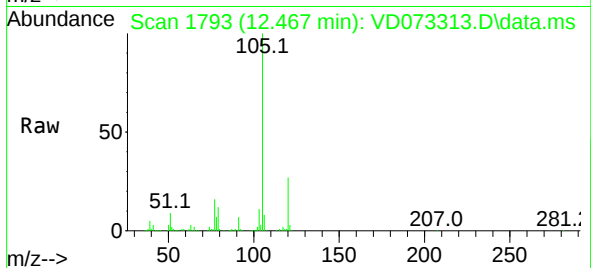
P044-SS001-0612-01MS

Tgt Ion:105 Resp: 573774

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 23.591 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Tgt Ion: 43 Resp: 60974

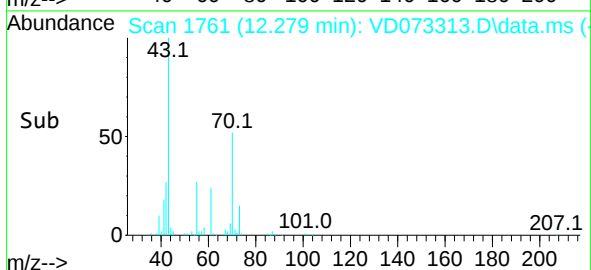
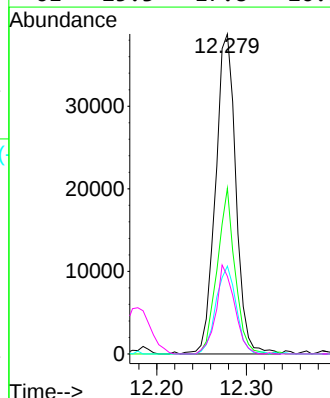
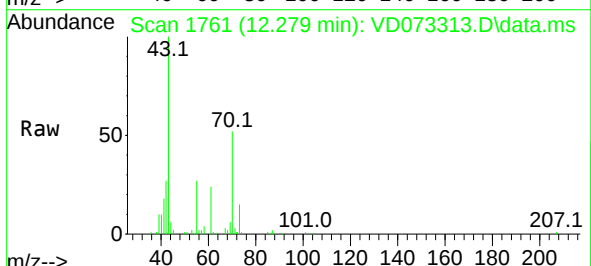
Ion Ratio Lower Upper

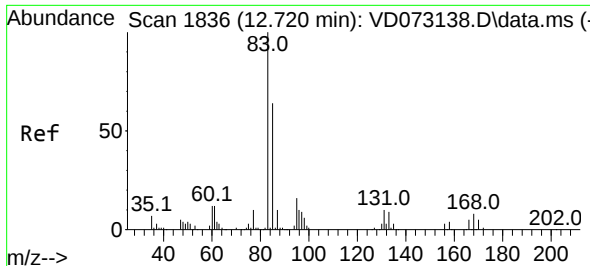
43 100

70 45.2 31.3 46.9

55 27.4 20.0 30.0

61 25.3 17.8 26.8

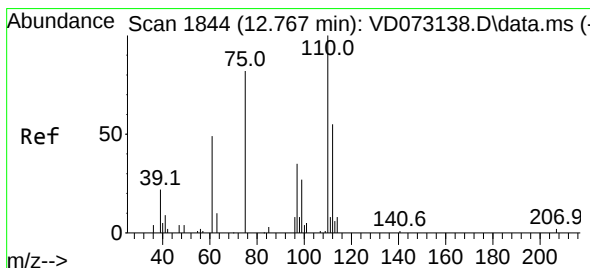
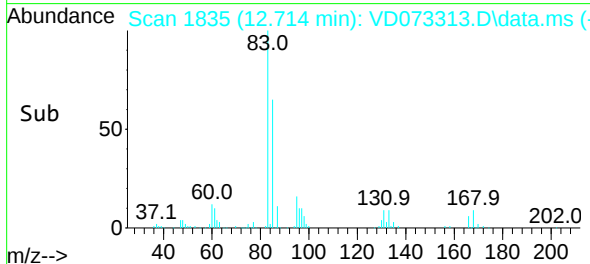
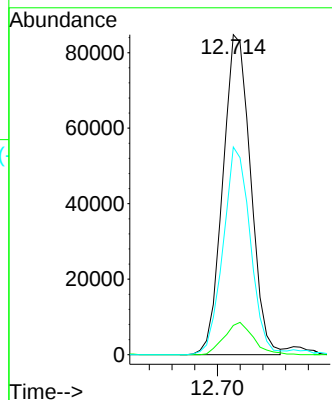
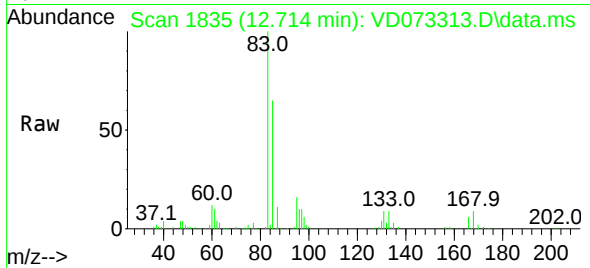




#75
1,1,2,2-Tetrachloroethane
Concen: 65.791 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

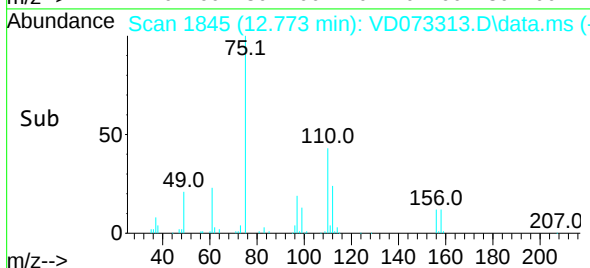
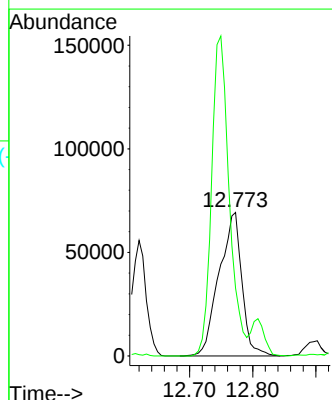
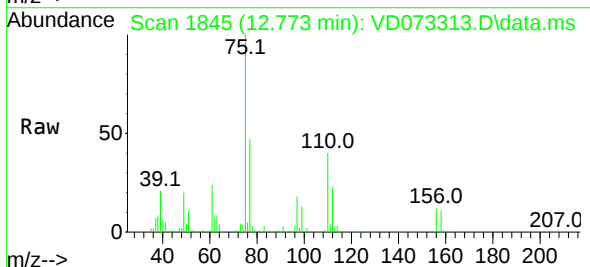
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

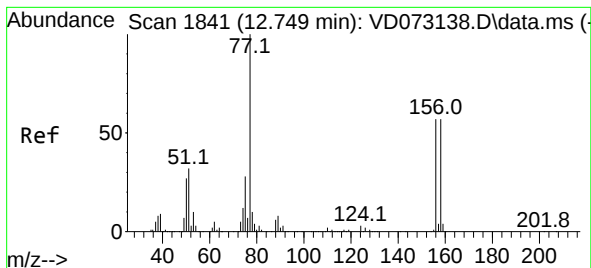
Tgt Ion: 83 Resp: 143761
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 63.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 106.584 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 75 Resp: 173801
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.338 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

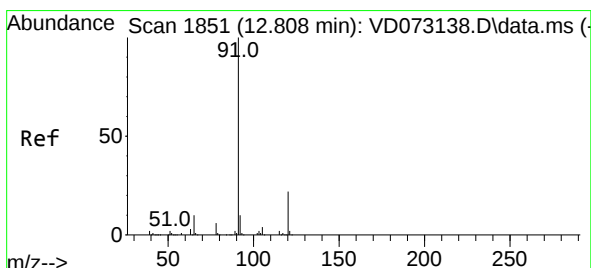
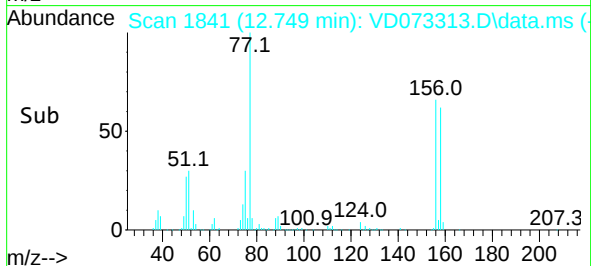
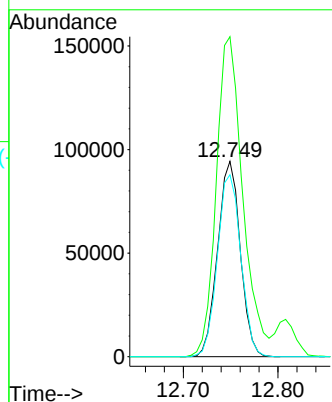
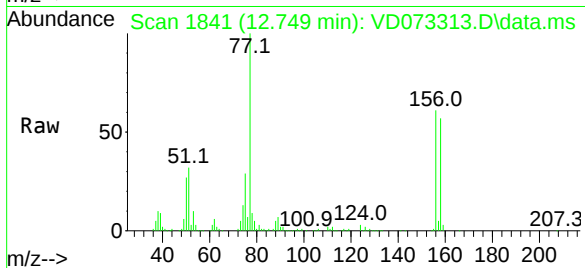
Tgt Ion:156 Resp: 157127

Ion Ratio Lower Upper

156 100

77 191.2 102.8 308.3

158 96.2 48.7 146.1



#78

n-propylbenzene

Concen: 46.823 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073313.D

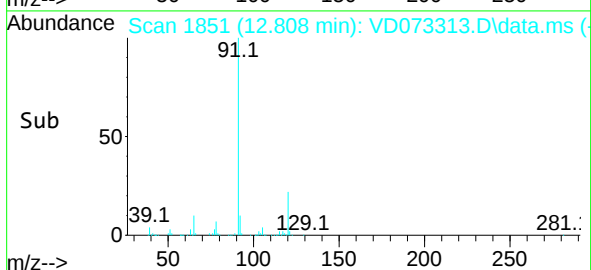
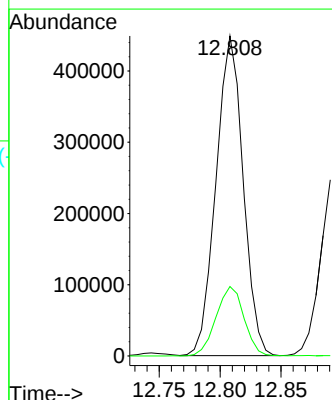
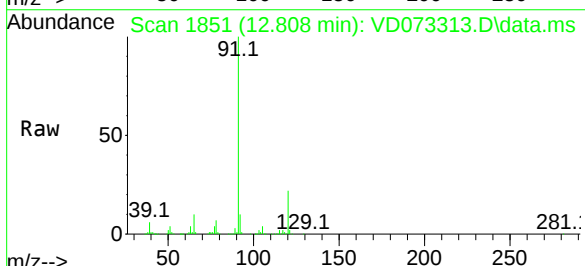
Acq: 24 May 2022 06:44

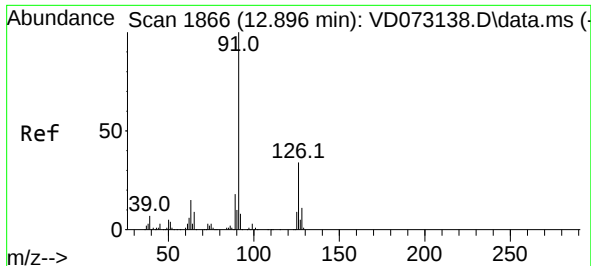
Tgt Ion: 91 Resp: 696451

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9

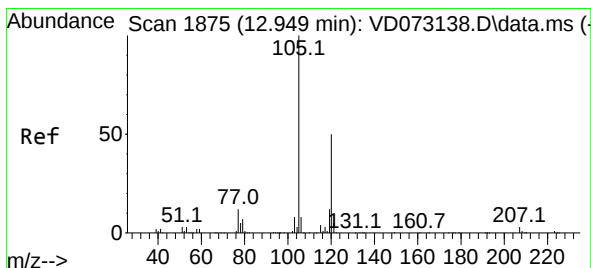
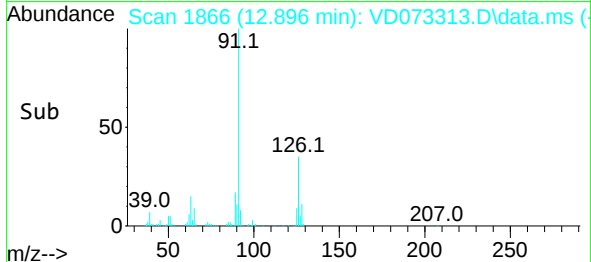
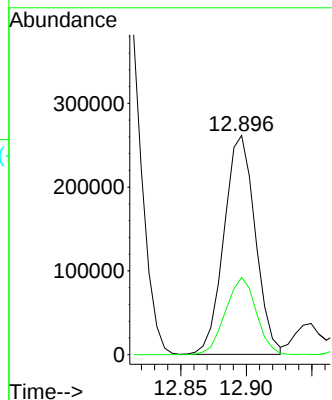
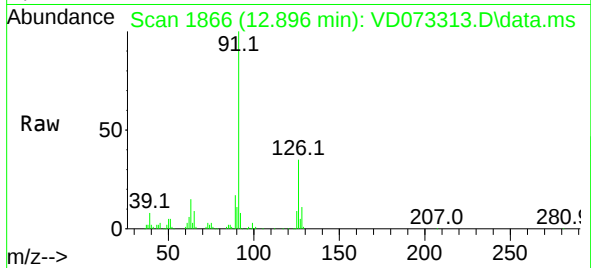




#79
2-Chlorotoluene
Concen: 50.527 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

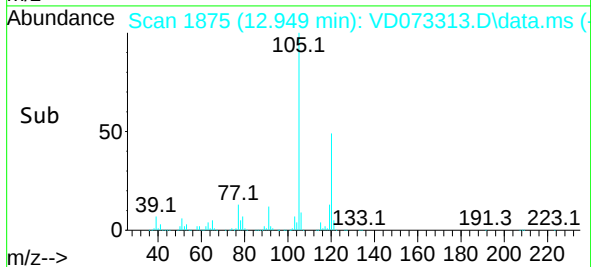
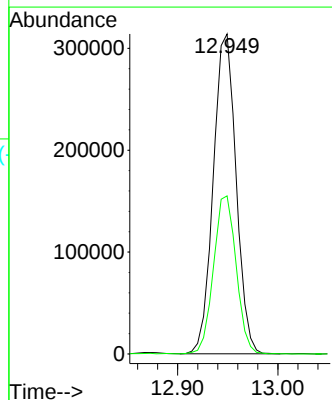
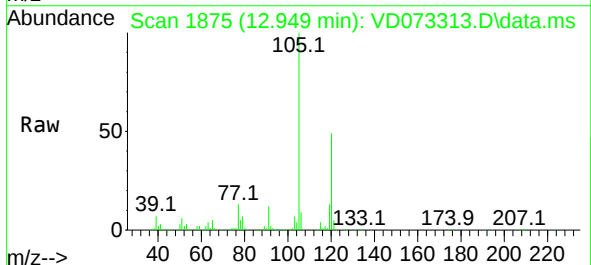
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

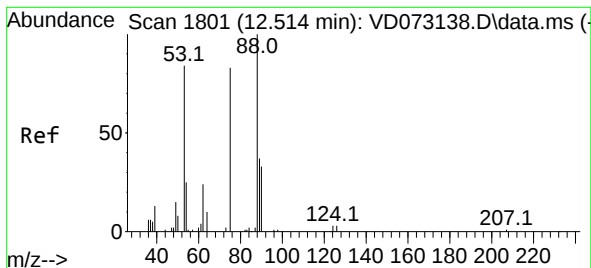
Tgt Ion: 91 Resp: 433929
Ion Ratio Lower Upper
91 100
126 34.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.455 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 105 Resp: 496352
Ion Ratio Lower Upper
105 100
120 49.2 24.3 72.8

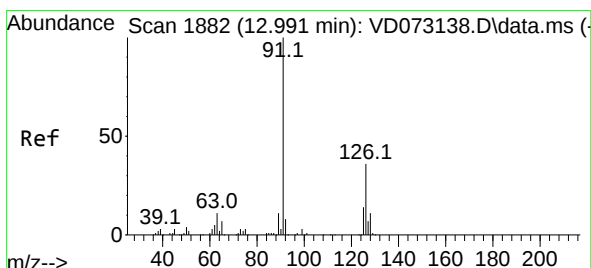
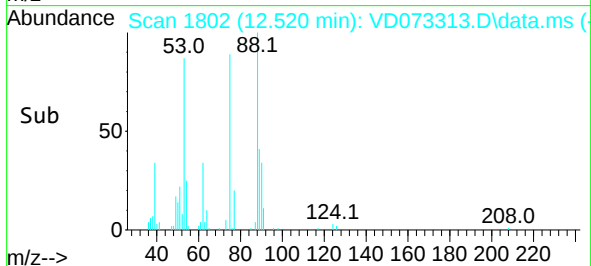
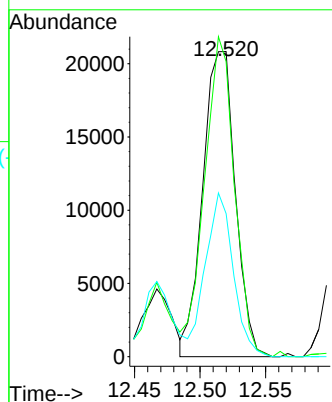
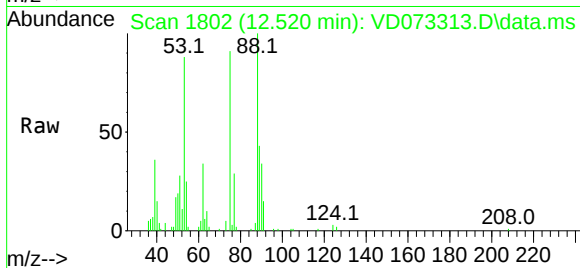




#81
trans-1,4-Dichloro-2-butene
Concen: 53.016 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.006 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

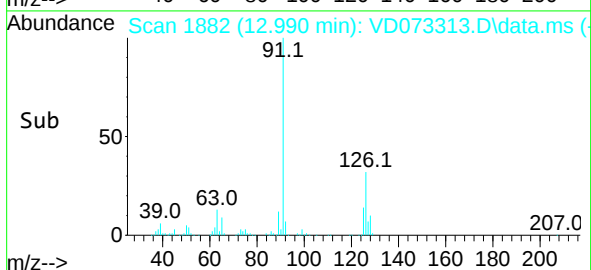
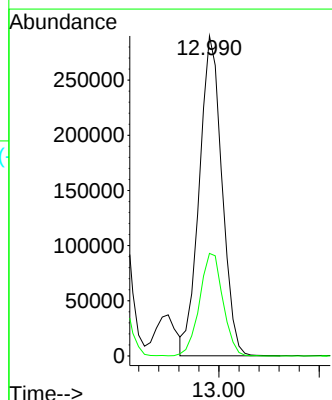
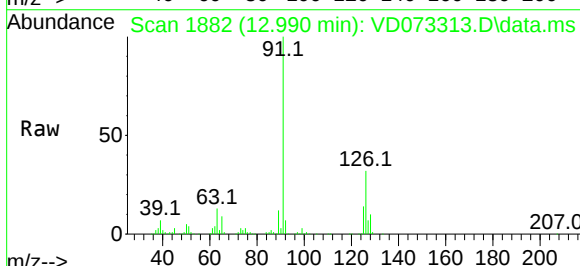
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

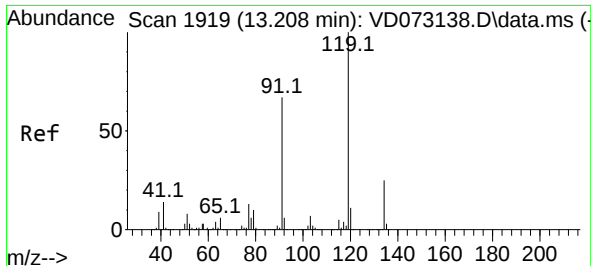
Tgt Ion: 75 Resp: 36011
Ion Ratio Lower Upper
75 100
53 96.3 86.5 129.7
89 45.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 50.537 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 91 Resp: 454917
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

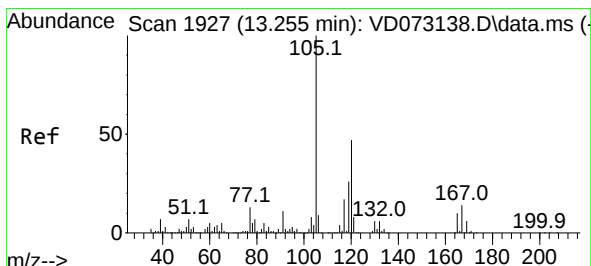
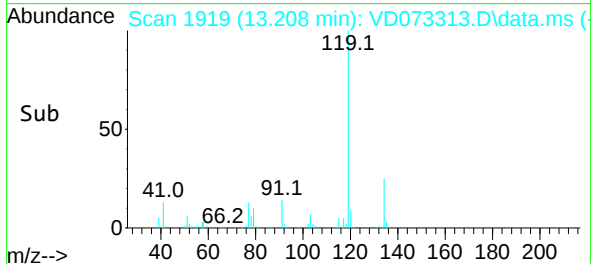
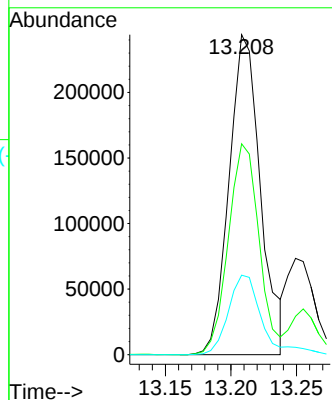
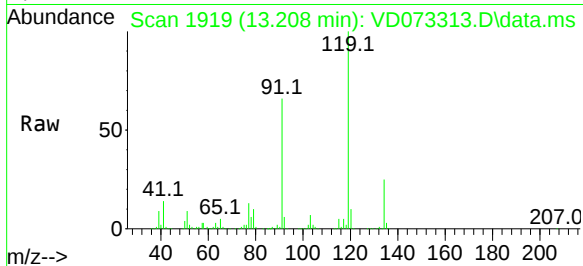




#83
tert-Butylbenzene
Concen: 48.128 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

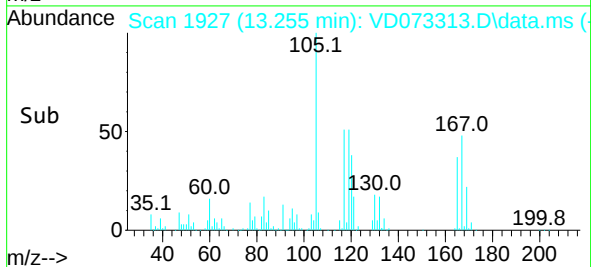
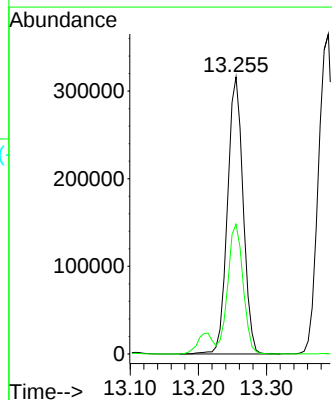
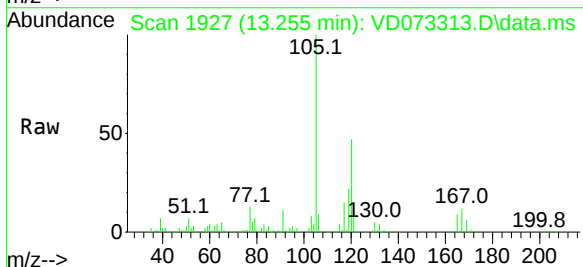
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

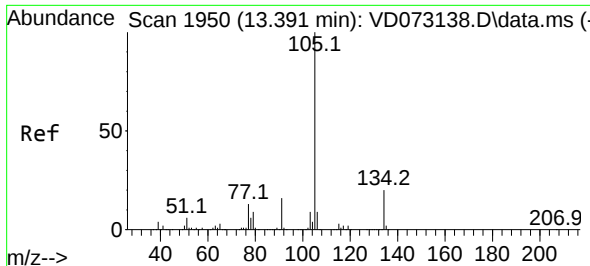
Tgt Ion:119 Resp: 407097
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.5
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 50.763 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion:105 Resp: 503309
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8

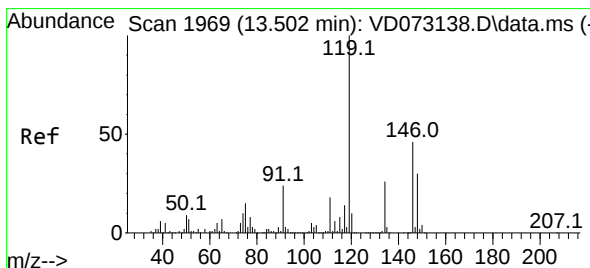
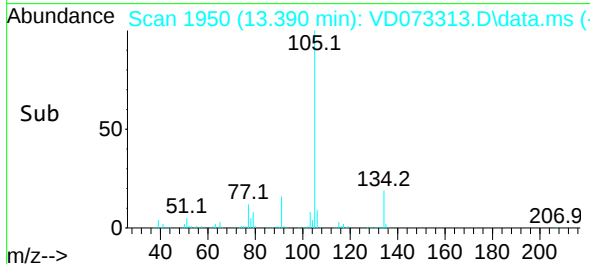
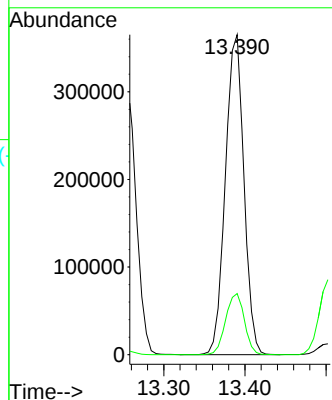
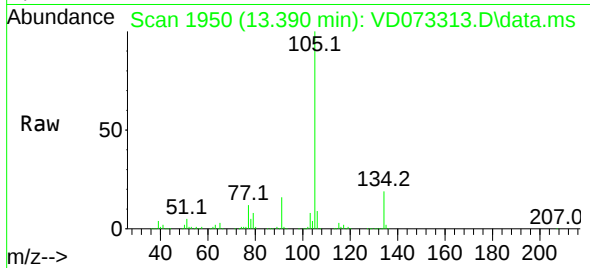




#85
 sec-Butylbenzene
 Concen: 44.860 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

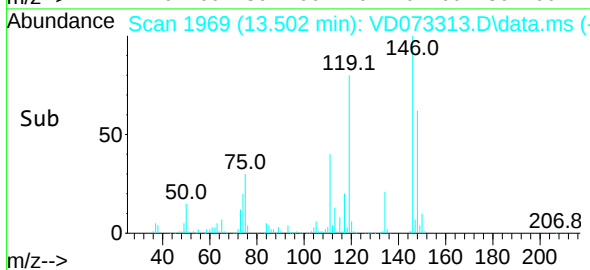
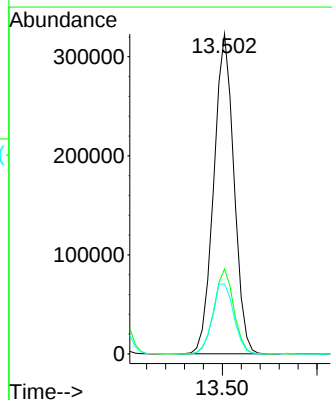
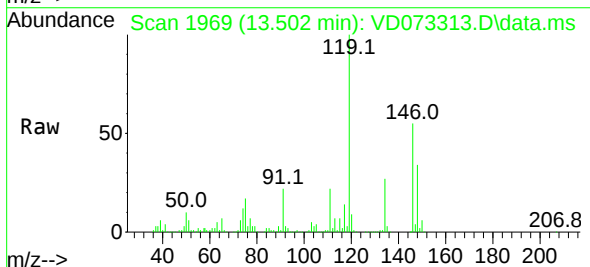
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS001-0612-01MS

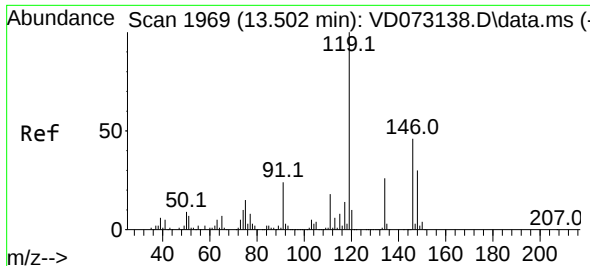
Tgt Ion:105 Resp: 579385
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 45.384 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073313.D
 Acq: 24 May 2022 06:44

Tgt Ion:119 Resp: 477820
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 23.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 50.003 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

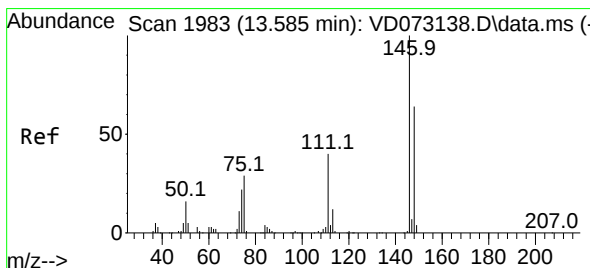
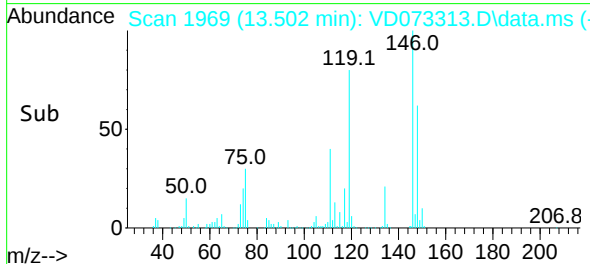
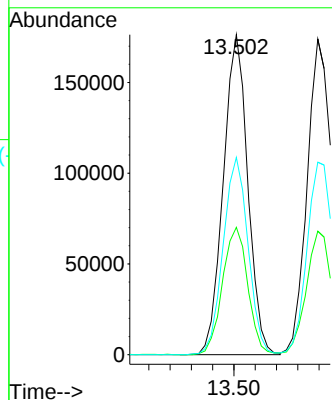
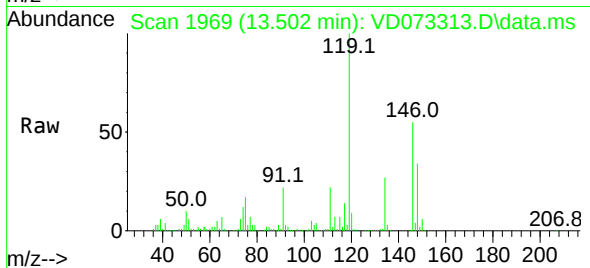
Tgt Ion:146 Resp: 281099

Ion Ratio Lower Upper

146 100

111 41.2 20.4 61.3

148 62.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 49.370 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

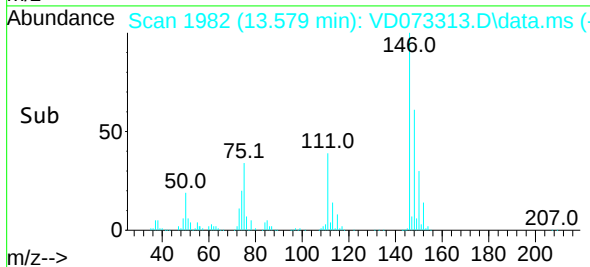
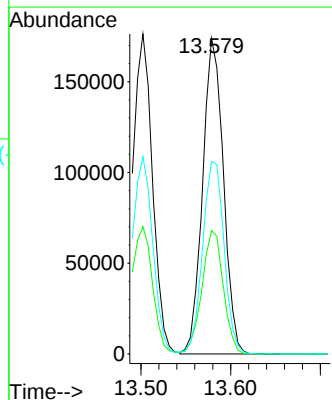
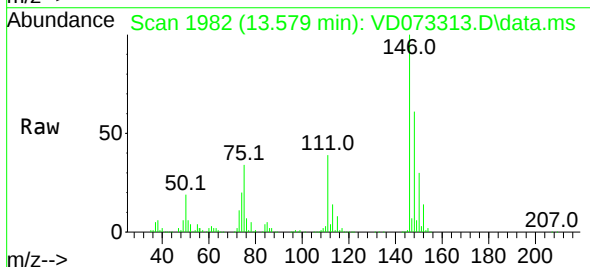
Tgt Ion:146 Resp: 280161

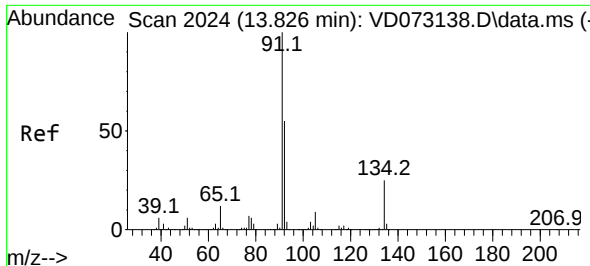
Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 63.3 31.7 95.1

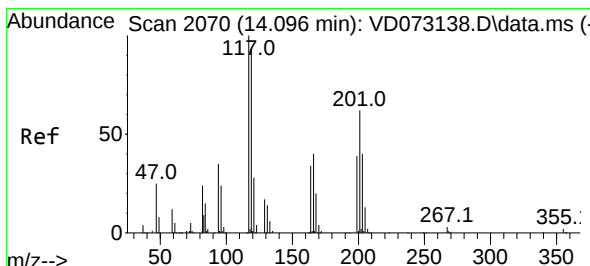
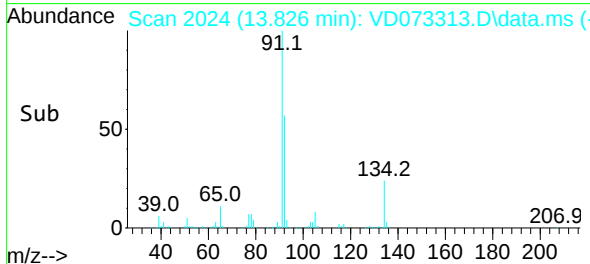
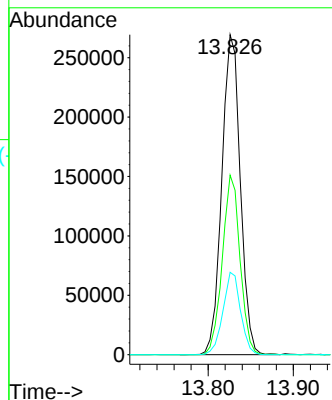
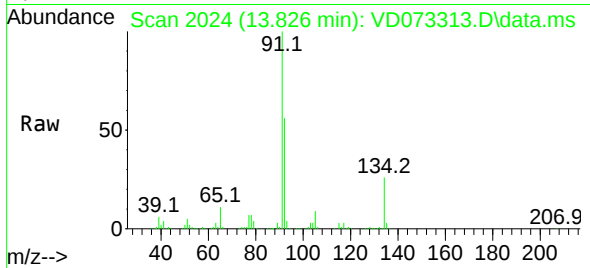




#89
n-Butylbenzene
Concen: 40.452 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

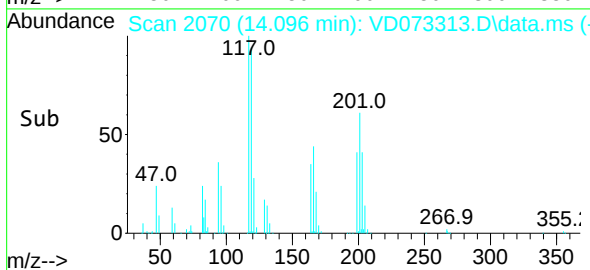
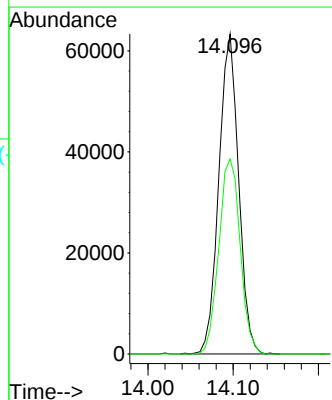
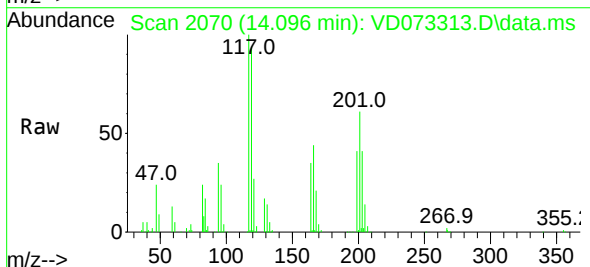
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

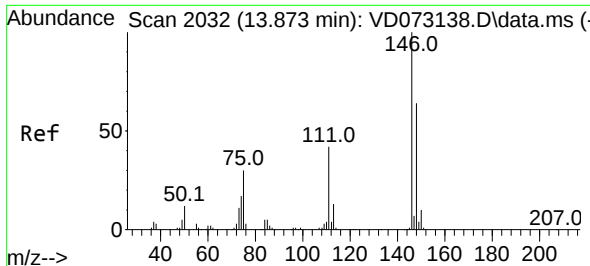
Tgt Ion: 91 Resp: 405794
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 46.887 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 117 Resp: 102142
Ion Ratio Lower Upper
117 100
201 65.8 33.4 100.2

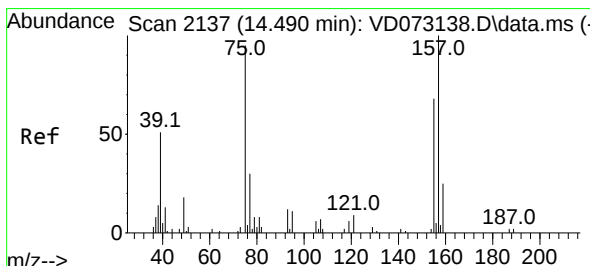
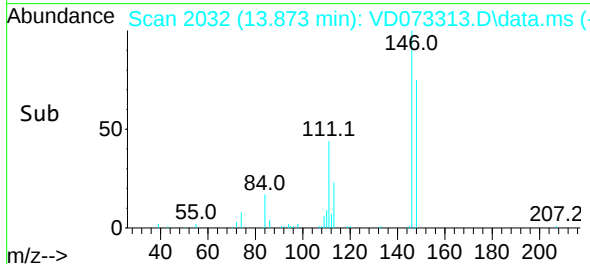
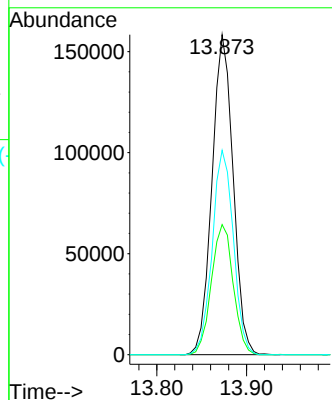
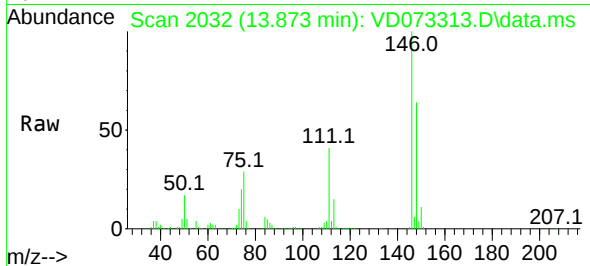




#91
1,2-Dichlorobenzene
Concen: 53.140 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

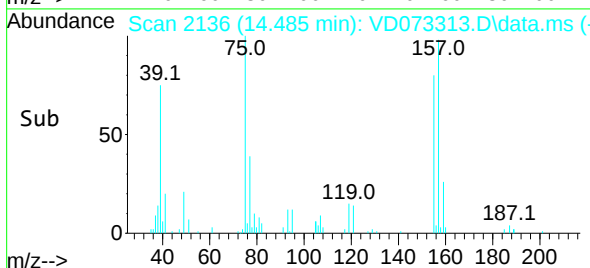
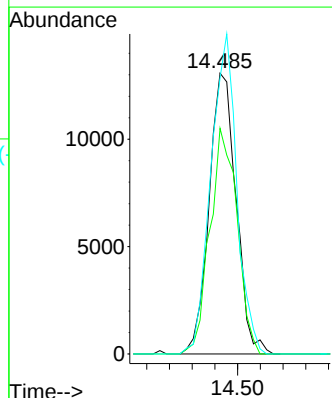
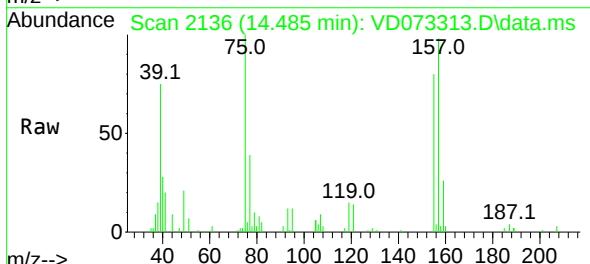
Instrument :
MSVOA_D
ClientSampleId :
P044-SS001-0612-01MS

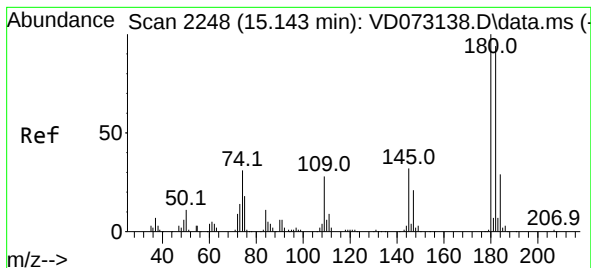
Tgt Ion:146 Resp: 258472
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 64.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 64.681 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073313.D
Acq: 24 May 2022 06:44

Tgt Ion: 75 Resp: 21644
Ion Ratio Lower Upper
75 100
155 80.7 36.8 110.3
157 109.3 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 44.469 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073313.D

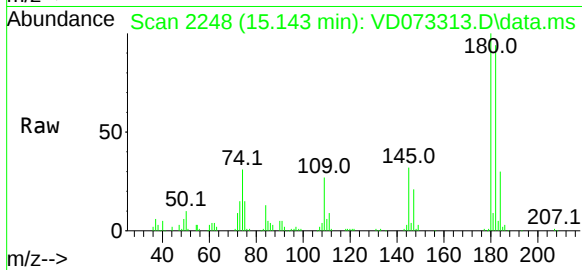
Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS



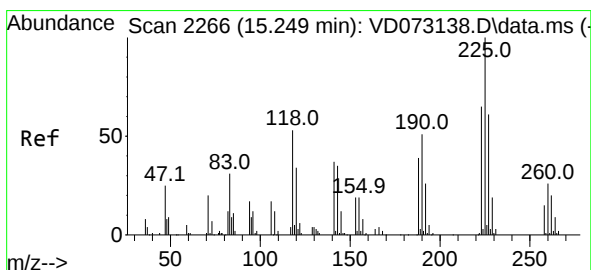
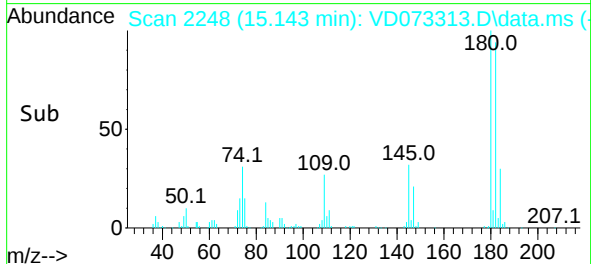
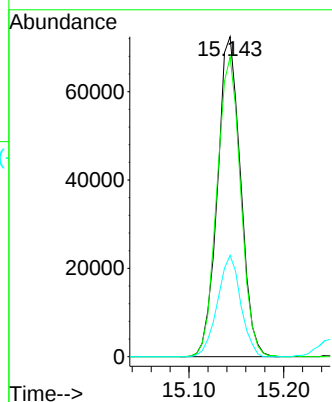
Tgt Ion:180 Resp: 122798

Ion Ratio Lower Upper

180 100

182 96.0 47.3 142.0

145 31.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 37.734 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

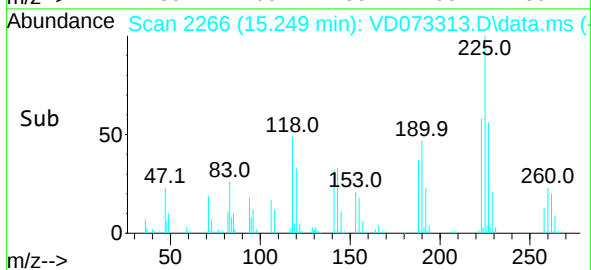
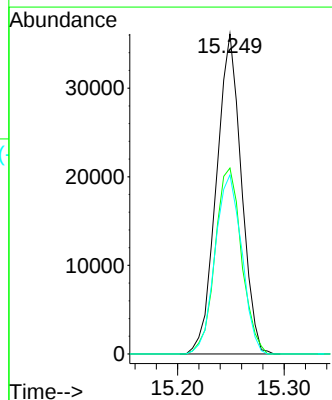
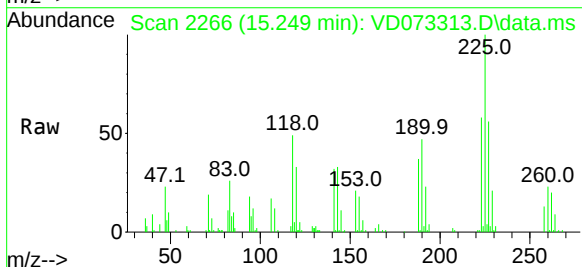
Tgt Ion:225 Resp: 58718

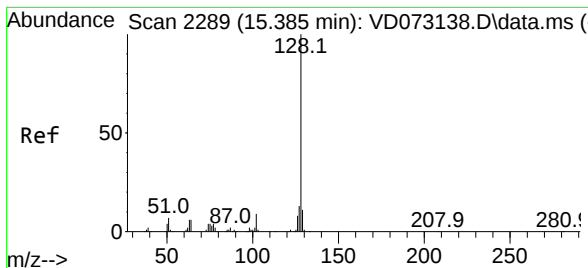
Ion Ratio Lower Upper

225 100

223 61.6 31.1 93.2

227 59.6 32.4 97.0





#95

Naphthalene

Concen: 49.059 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Instrument :

MSVOA_D

ClientSampleId :

P044-SS001-0612-01MS

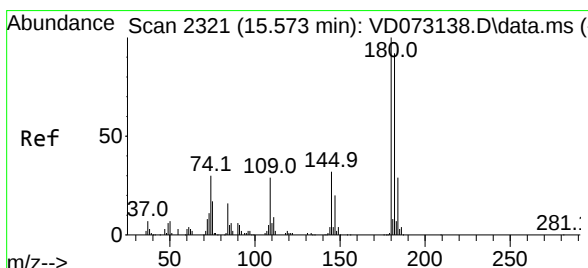
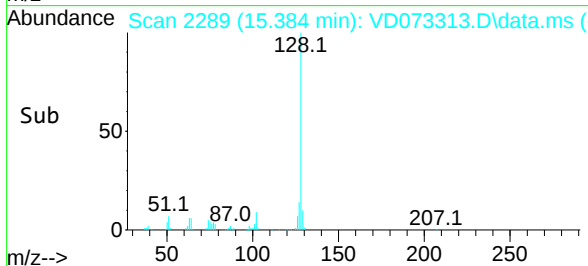
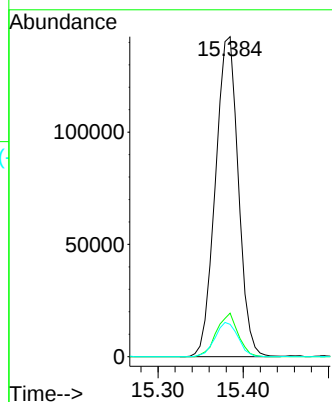
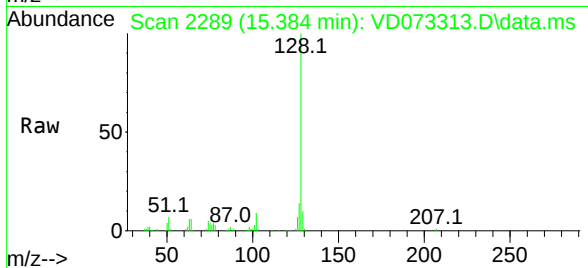
Tgt Ion:128 Resp: 266420

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 45.943 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073313.D

Acq: 24 May 2022 06:44

Tgt Ion:180 Resp: 112472

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.9

145 33.5 17.1 51.3

