

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073312.D
 Acq On : 24 May 2022 06:16
 Operator : VA/SY
 Sample : N2949-06MSD
 Misc : 4.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-01MSD

Quant Time: May 24 08:17:44 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	237219	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	430887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	385282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	165192	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	164185	62.628	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.260%	
35) Dibromofluoromethane	7.909	113	164594	57.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.780%	
50) Toluene-d8	10.332	98	552998	52.762	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.520%	
62) 4-Bromofluorobenzene	12.620	95	177162	48.165	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	107846	45.498	ug/l	92
3) Chloromethane	2.209	50	122033	45.529	ug/l	100
4) Vinyl Chloride	2.344	62	119653	48.820	ug/l	97
5) Bromomethane	2.762	94	79575	50.701	ug/l	94
6) Chloroethane	2.915	64	83026	55.105	ug/l	99
7) Trichlorofluoromethane	3.268	101	214523	49.500	ug/l	99
8) Diethyl Ether	3.709	74	75560	63.450	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	120344	46.541	ug/l	96
10) Methyl Iodide	4.291	142	118548	42.493	ug/l	99
11) Tert butyl alcohol	5.203	59	88481	217.536	ug/l #	84
12) 1,1-Dichloroethene	4.068	96	119001	49.917	ug/l	86
13) Acrolein	3.915	56	11105	55.313	ug/l	96
14) Allyl chloride	4.709	41	205770	53.473	ug/l	89
15) Acrylonitrile	5.420	53	159787	293.430	ug/l	98
16) Acetone	4.156	43	146445	322.503	ug/l	94
17) Carbon Disulfide	4.403	76	317937	40.230	ug/l	100
18) Methyl Acetate	4.715	43	145034	114.862	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	352883	64.975	ug/l	95
20) Methylene Chloride	4.956	84	203138	72.310	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	150838	52.330	ug/l	92
22) Diisopropyl ether	6.362	45	496413	61.538	ug/l	91
23) Vinyl Acetate	6.303	43	266131	61.850	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	295217	57.015	ug/l	98
25) 2-Butanone	7.209	43	204787	308.252	ug/l	93
26) 2,2-Dichloropropane	7.197	77	196931	44.597	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	182050	57.079	ug/l	89
28) Bromochloromethane	7.538	49	110828	62.128	ug/l #	80
29) Tetrahydrofuran	7.550	42	137523	320.134	ug/l	91
30) Chloroform	7.703	83	315727	58.406	ug/l	97
31) Cyclohexane	7.979	56	180265	39.348	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	247362	52.319	ug/l	97
36) 1,1-Dichloropropene	8.108	75	192837	45.095	ug/l	97
37) Ethyl Acetate	7.285	43	49796	29.481	ug/l #	79
38) Carbon Tetrachloride	8.091	117	202681	46.758	ug/l	98
39) Methylcyclohexane	9.350	83	172585	36.214	ug/l	98
40) Benzene	8.344	78	641787	52.076	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.556	41	127507	129.565	ug/l #	41
42) 1,2-Dichloroethane	8.414	62	190861	55.658	ug/l	96
43) Isopropyl Acetate	8.444	43	112976	36.186	ug/l #	82
44) Trichloroethene	9.108	130	154484	47.006	ug/l	95
45) 1,2-Dichloropropane	9.379	63	170351	54.886	ug/l	92
46) Dibromomethane	9.467	93	96675	56.714	ug/l	97
47) Bromodichloromethane	9.655	83	242690	55.643	ug/l	97
48) Methyl methacrylate	9.450	41	94312	60.043	ug/l #	87
49) 1,4-Dioxane	9.450	88	21388	1214.983	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	490282	302.357	ug/l	94
52) Toluene	10.397	92	388394	49.872	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	202415	51.370	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	242148	51.353	ug/l	88
55) 1,1,2-Trichloroethane	10.791	97	132319	57.403	ug/l	96
56) Ethyl methacrylate	10.650	69	92645	36.149	ug/l #	84
57) 1,3-Dichloropropane	10.932	76	217178	56.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	325435	265.774	ug/l	97
59) 2-Hexanone	10.973	43	298971	279.659	ug/l	95
60) Dibromochloromethane	11.132	129	161121	56.056	ug/l	99
61) 1,2-Dibromoethane	11.238	107	122201	55.479	ug/l	99
64) Tetrachloroethene	10.867	164	128813	51.045	ug/l	96
65) Chlorobenzene	11.661	112	397627	50.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	165548	56.475	ug/l	100
67) Ethyl Benzene	11.732	91	679160	48.948	ug/l	100
68) m/p-Xylenes	11.844	106	531935	98.677	ug/l	97
69) o-Xylene	12.173	106	251536	50.793	ug/l	96
70) Styrene	12.185	104	469563	55.112	ug/l	96
71) Bromoform	12.349	173	87932	58.285	ug/l #	99
73) Isopropylbenzene	12.467	105	609156	51.727	ug/l	100
74) N-amyl acetate	12.279	43	68059	26.492	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	142554	65.635	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	170259	105.045	ug/l #	100
77) Bromobenzene	12.749	156	154578	55.760	ug/l	94
78) n-propylbenzene	12.808	91	722895	48.896	ug/l	98
79) 2-Chlorotoluene	12.896	91	444232	52.040	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	519797	52.106	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	36617	54.236	ug/l	89
82) 4-Chlorotoluene	12.991	91	465143	51.986	ug/l	100
83) tert-Butylbenzene	13.208	119	438851	52.197	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	509787	51.728	ug/l	97
85) sec-Butylbenzene	13.385	105	609384	47.469	ug/l	99
86) p-Isopropyltoluene	13.502	119	489154	46.743	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	278885	49.910	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	276894	49.090	ug/l	98
89) n-Butylbenzene	13.826	91	410023	41.122	ug/l	99
90) Hexachloroethane	14.096	117	105716	48.822	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	247881	51.272	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	20118	60.485	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	106559	38.822	ug/l	98
94) Hexachlorobutadiene	15.249	225	55096	35.621	ug/l	99
95) Naphthalene	15.379	128	249896	46.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	98824	40.613	ug/l	98

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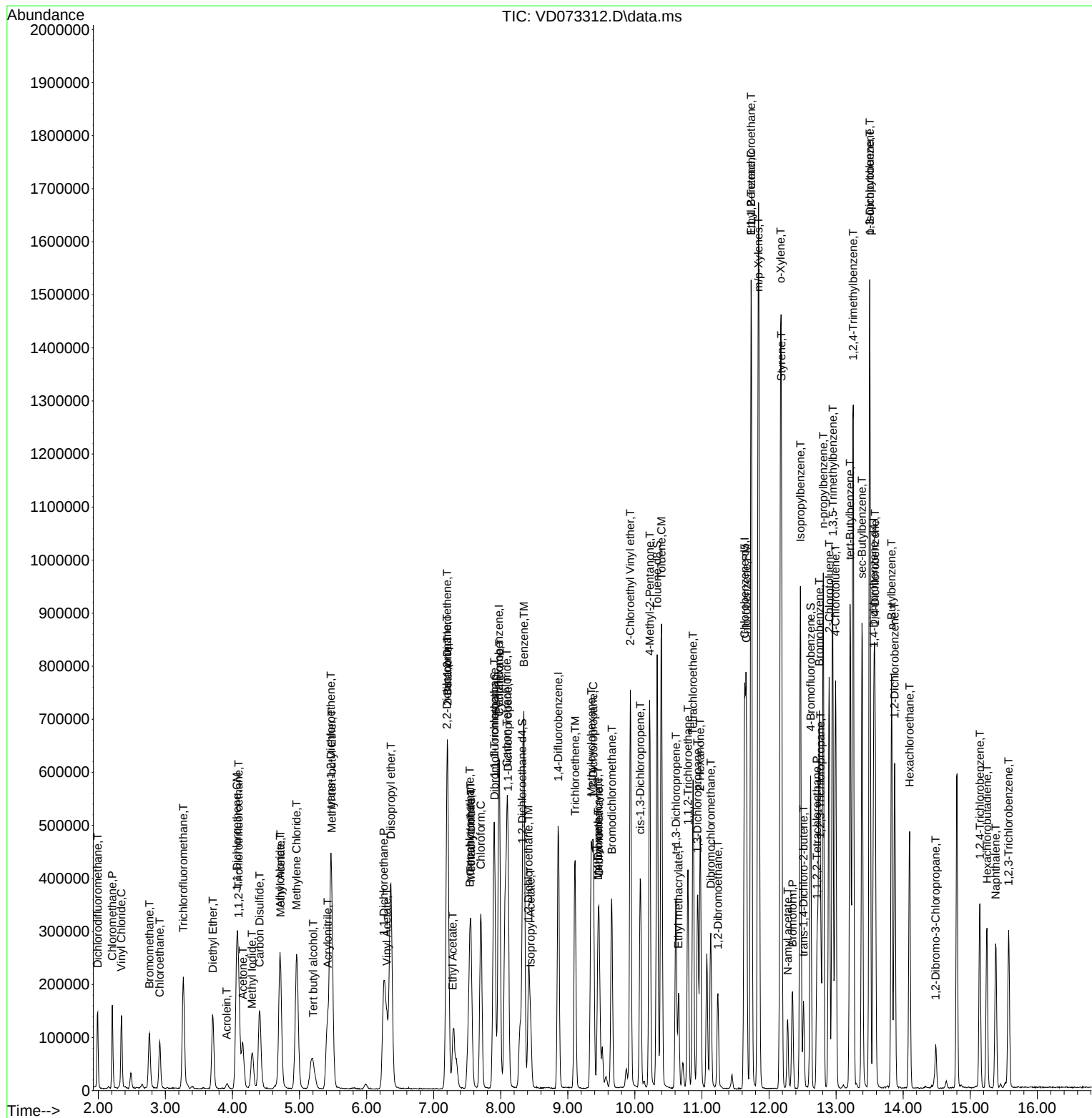
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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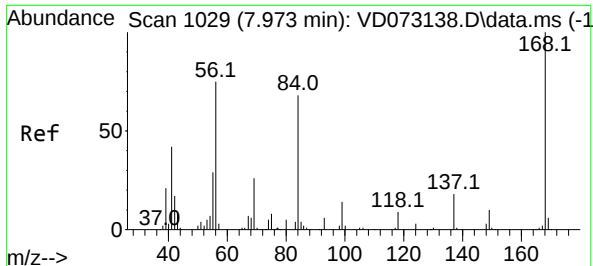
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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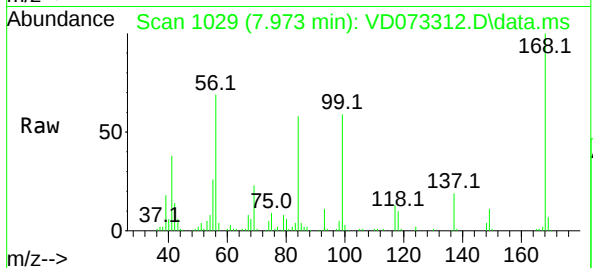
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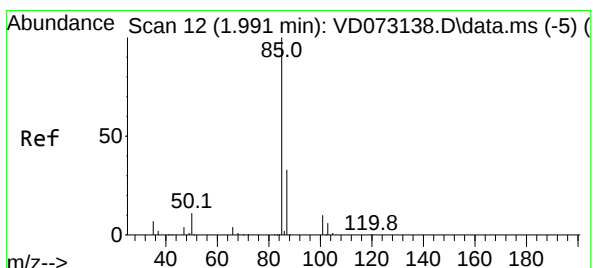
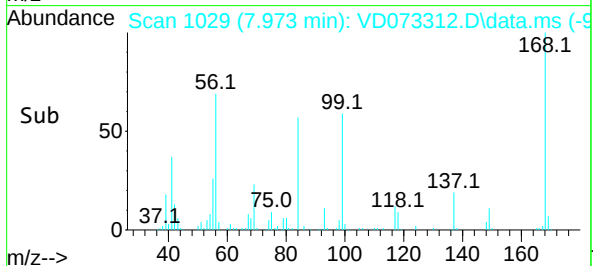
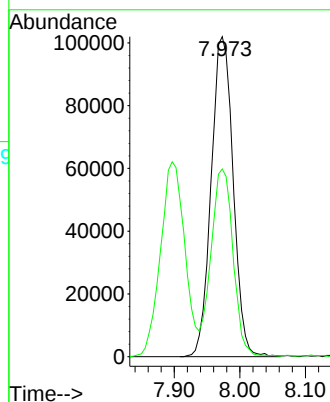


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073312.D
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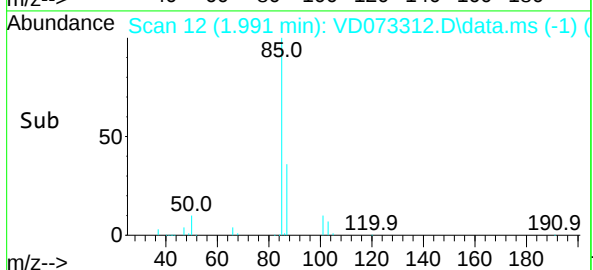
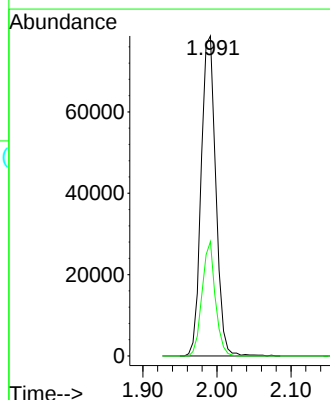
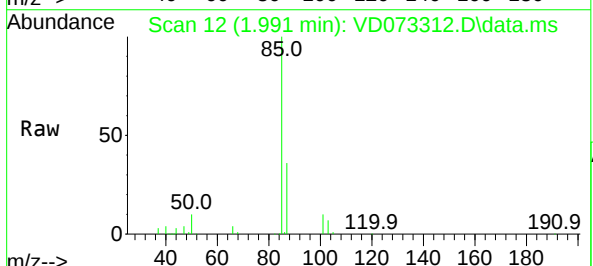


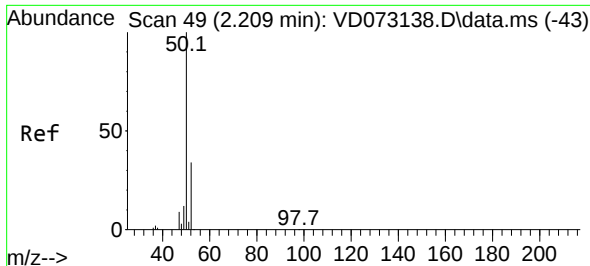
Tgt Ion:168 Resp: 237219
Ion Ratio Lower Upper
168 100
99 58.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 45.498 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 85 Resp: 107846
Ion Ratio Lower Upper
85 100
87 35.8 15.7 47.0

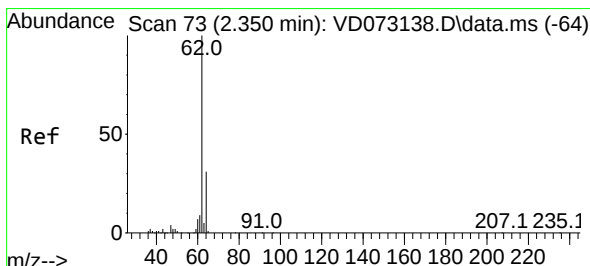
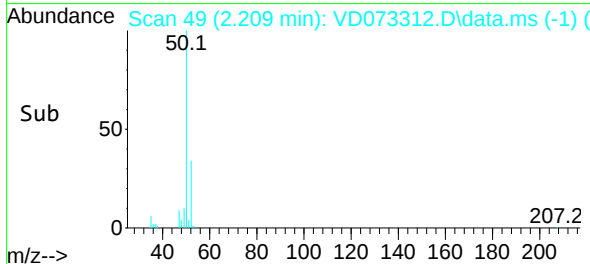
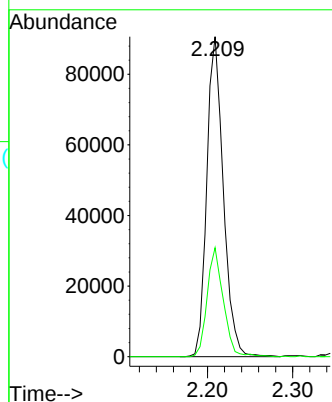
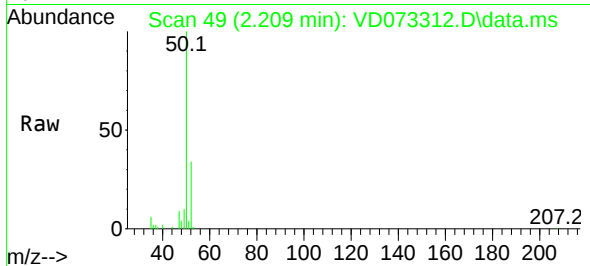




#3
Chloromethane
Concen: 45.529 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

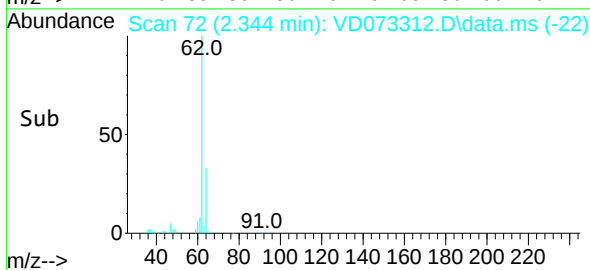
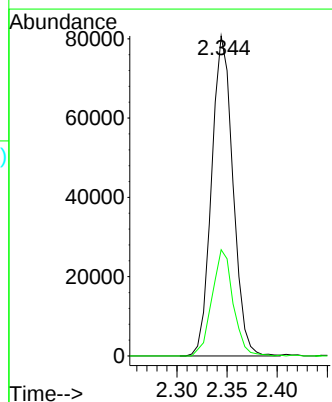
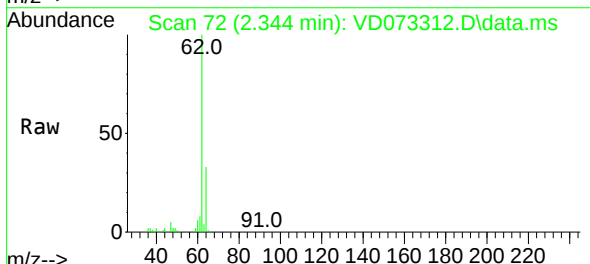
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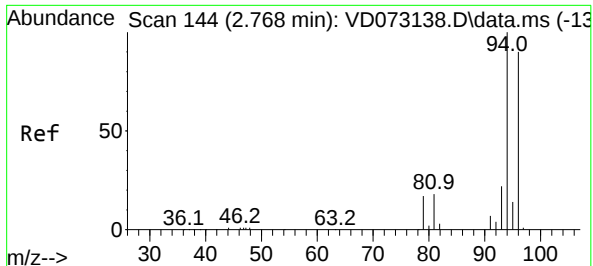
Tgt Ion: 50 Resp: 122033
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0



#4
Vinyl Chloride
Concen: 48.820 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 62 Resp: 119653
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

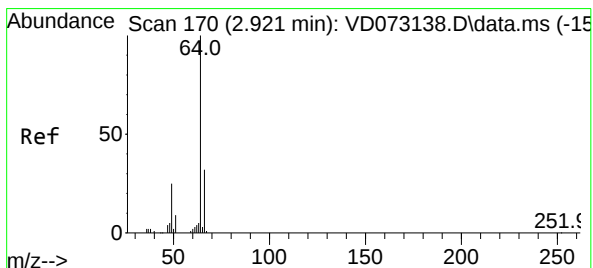
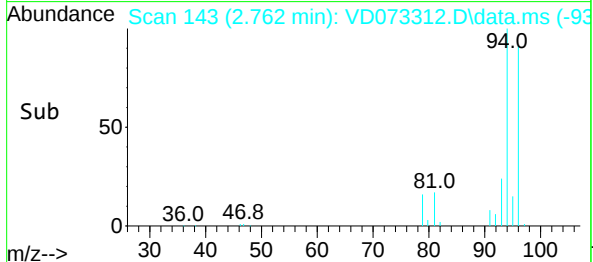
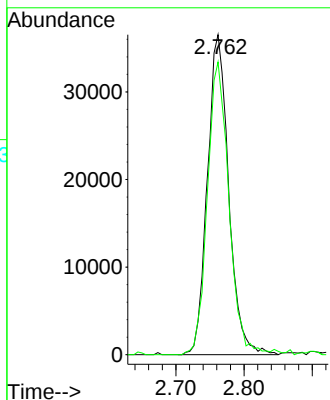
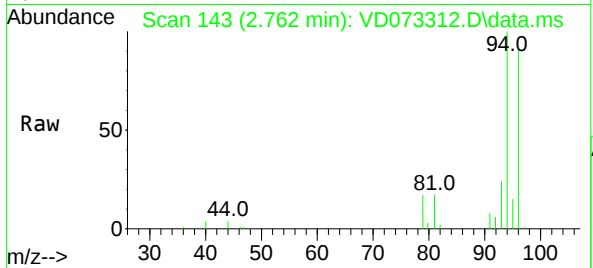




#5
Bromomethane
Concen: 50.701 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

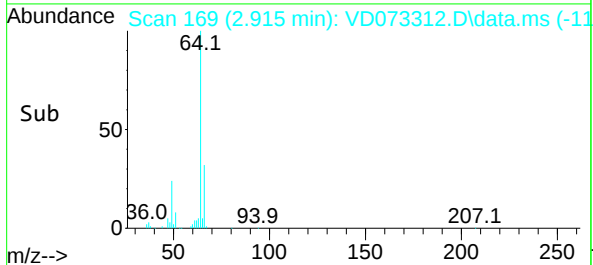
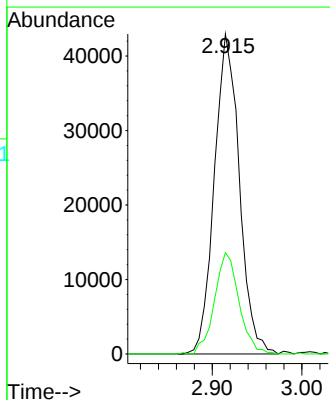
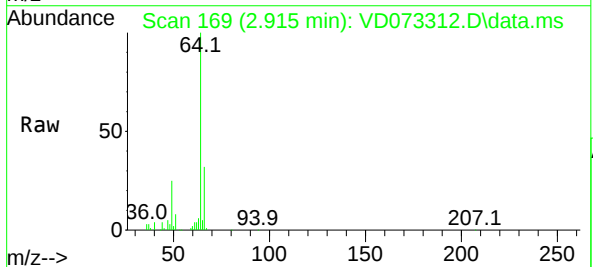
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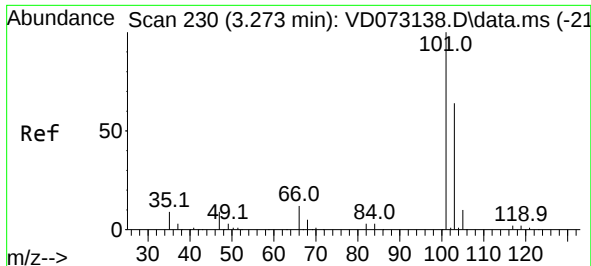
Tgt Ion: 94 Resp: 79575
Ion Ratio Lower Upper
94 100
96 91.5 77.6 116.4



#6
Chloroethane
Concen: 55.105 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 64 Resp: 83026
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9

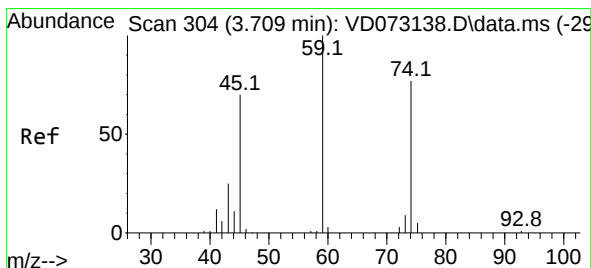
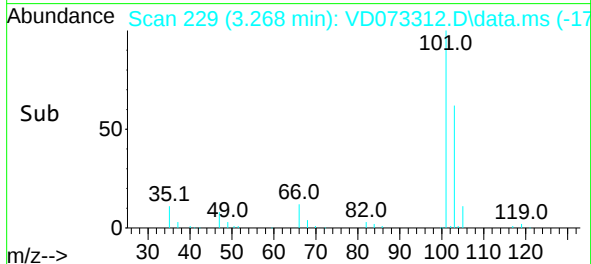
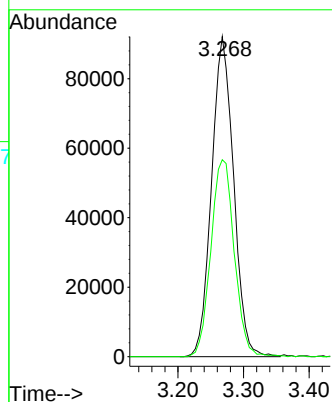
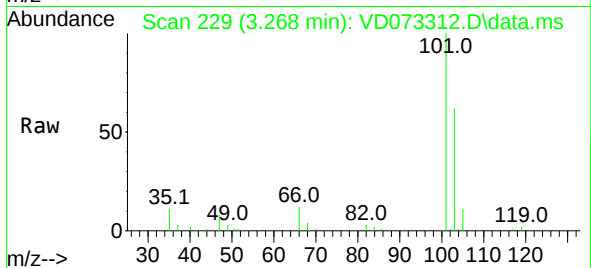




#7
 Trichlorofluoromethane
 Concen: 49.500 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

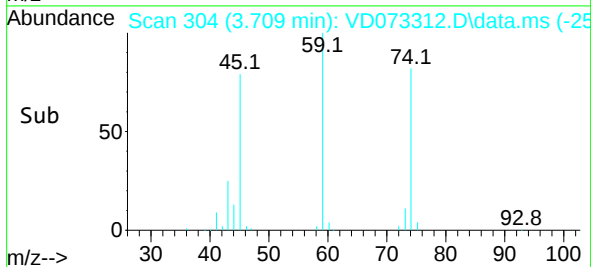
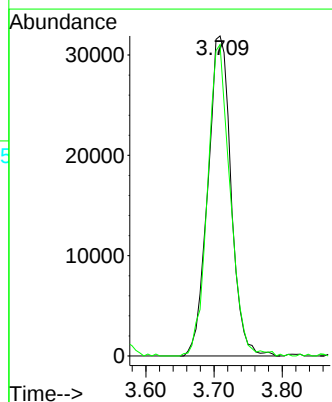
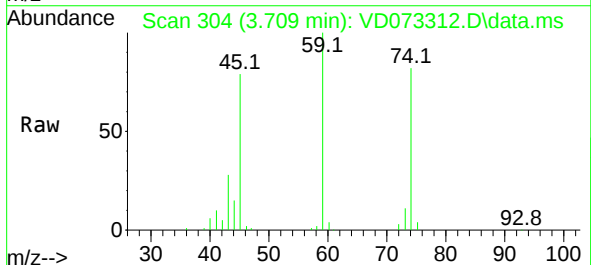
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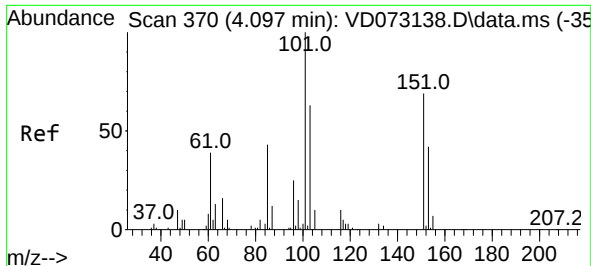
Tgt Ion:101 Resp: 214523
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 63.450 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

Tgt Ion: 74 Resp: 75560
 Ion Ratio Lower Upper
 74 100
 45 94.9 52.6 157.8

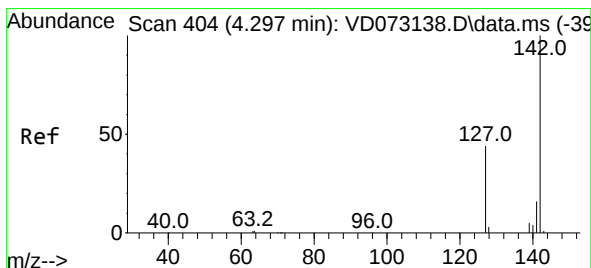
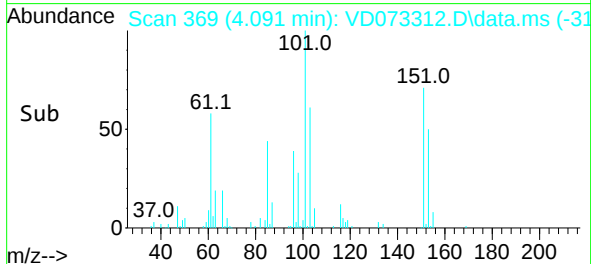
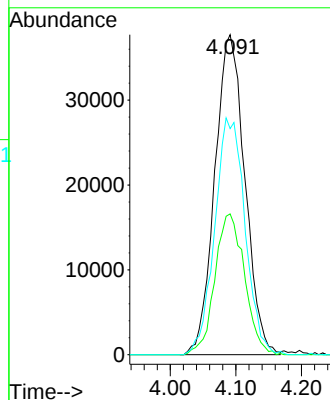
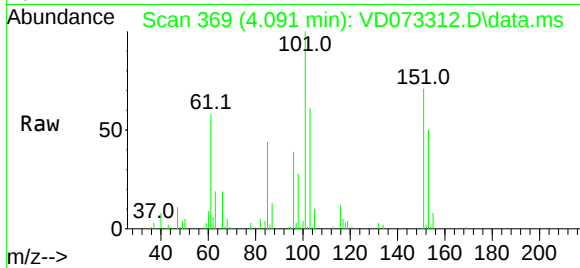




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.541 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

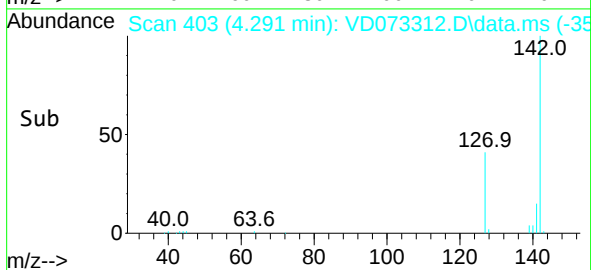
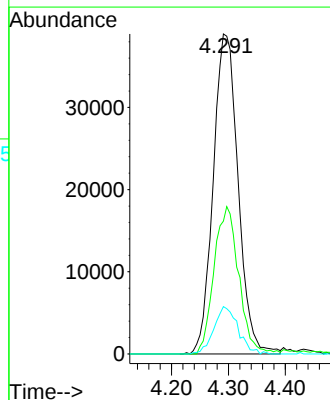
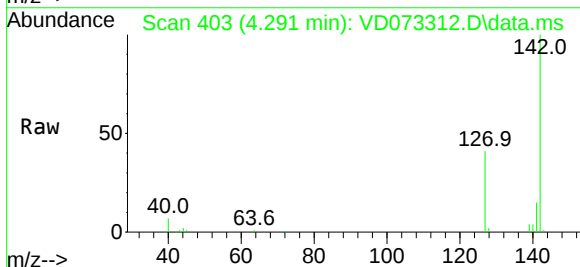
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

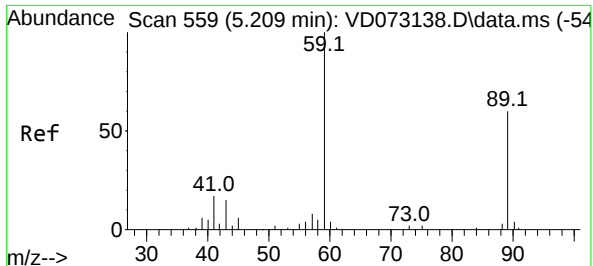
Tgt Ion:101 Resp: 120344
Ion Ratio Lower Upper
101 100
85 43.3 36.4 54.6
151 74.6 57.3 85.9



#10
Methyl Iodide
Concen: 42.493 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:142 Resp: 118548
Ion Ratio Lower Upper
142 100
127 45.5 37.3 55.9
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 217.536 ug/l

RT: 5.203 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

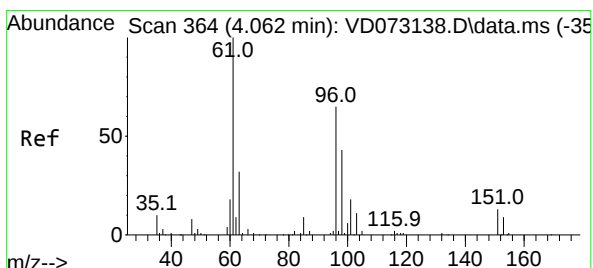
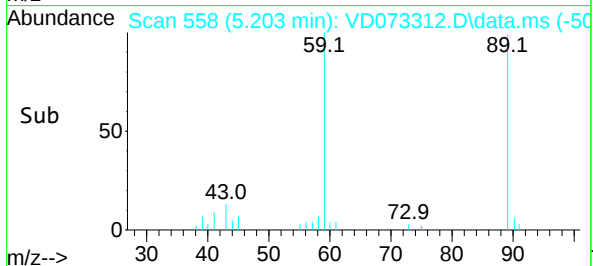
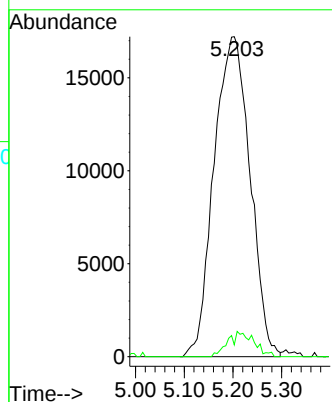
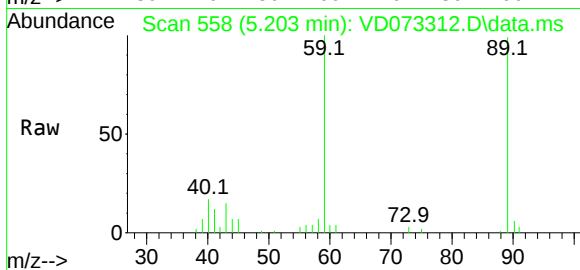
P043-SS001-0612-01MSD

Tgt Ion: 59 Resp: 88481

Ion Ratio Lower Upper

59 100

57 3.8 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 49.917 ug/l

RT: 4.068 min Scan# 365

Delta R.T. 0.006 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

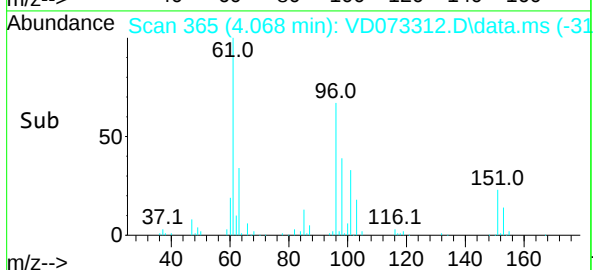
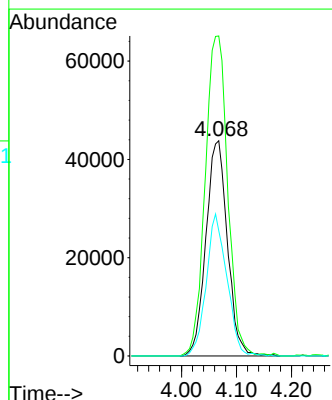
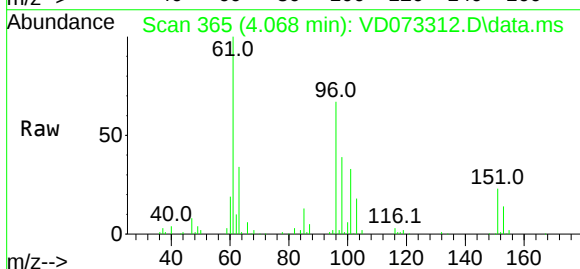
Tgt Ion: 96 Resp: 119001

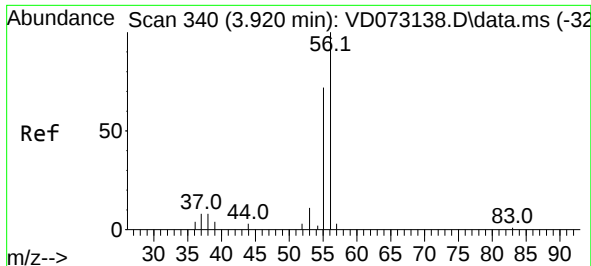
Ion Ratio Lower Upper

96 100

61 148.7 138.5 207.7

98 58.2 48.6 73.0

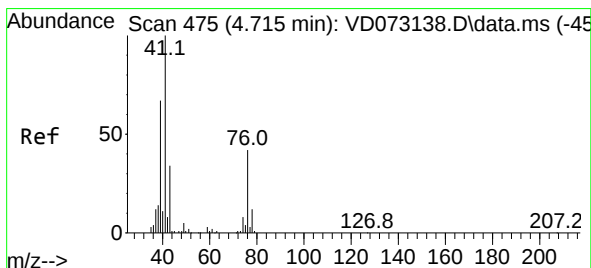
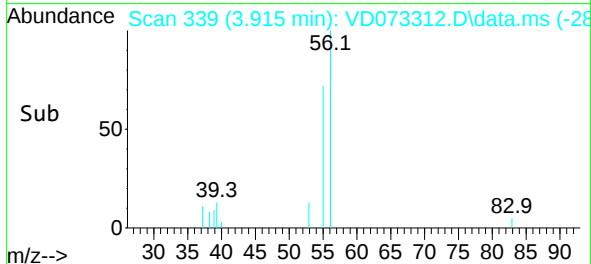
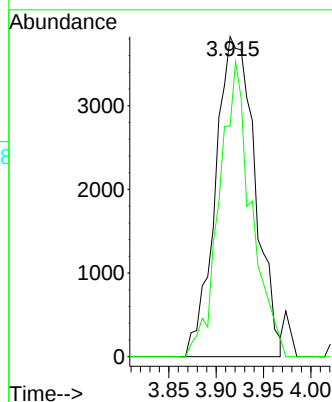
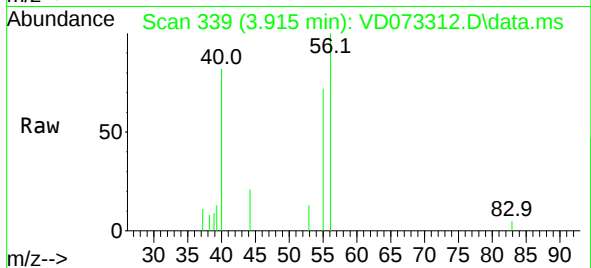




#13
Acrolein
Concen: 55.313 ug/l
RT: 3.915 min Scan# 311
Delta R.T. -0.005 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

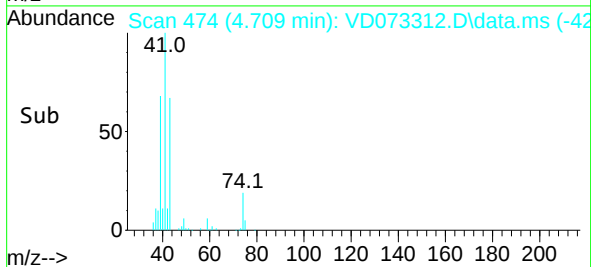
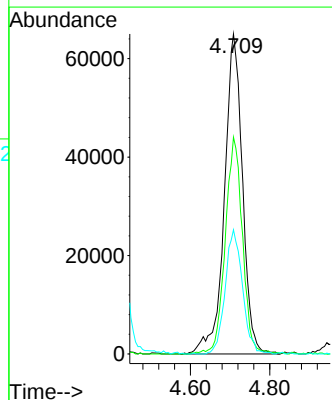
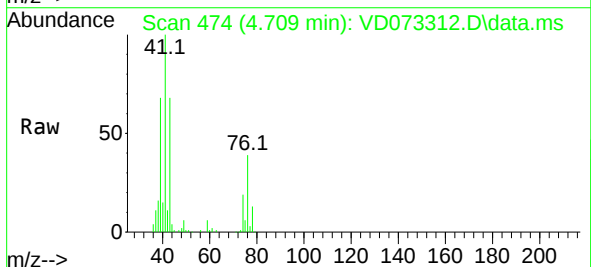
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

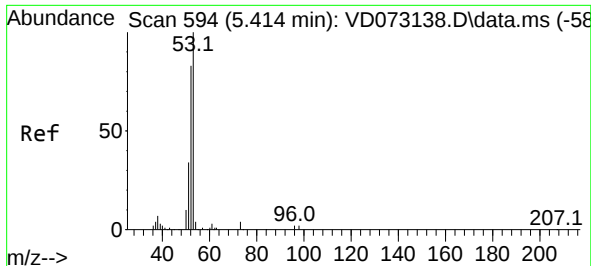
Tgt Ion: 56 Resp: 11105
Ion Ratio Lower Upper
56 100
55 74.7 57.1 85.7



#14
Allyl chloride
Concen: 53.473 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 41 Resp: 205770
Ion Ratio Lower Upper
41 100
39 64.6 59.3 88.9
76 37.3 25.7 38.5

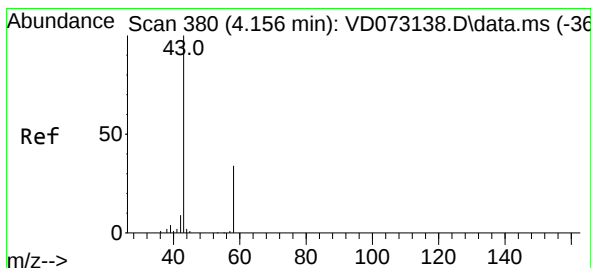
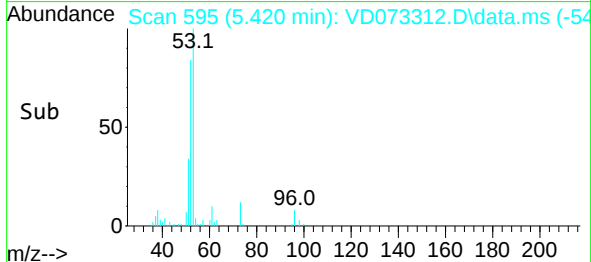
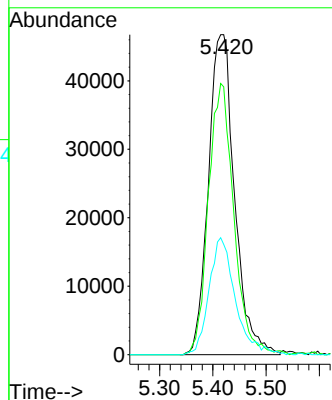
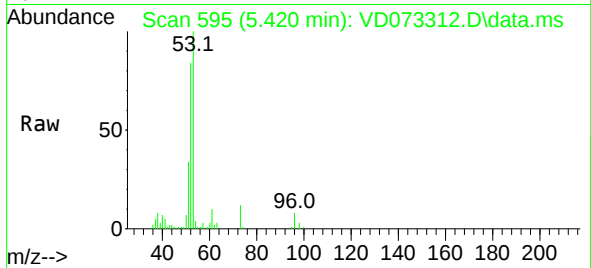




#15
Acrylonitrile
Concen: 293.430 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

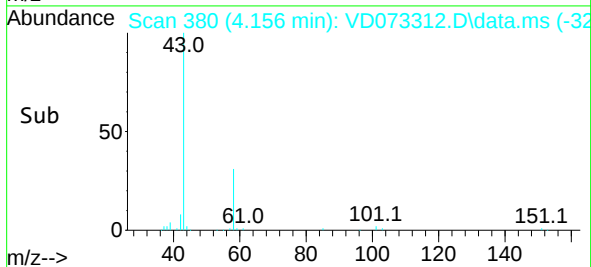
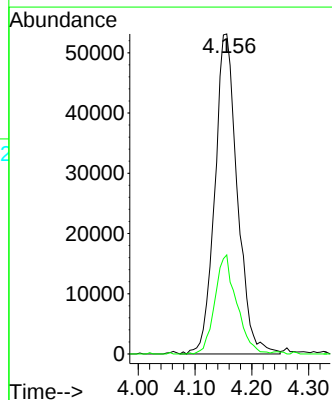
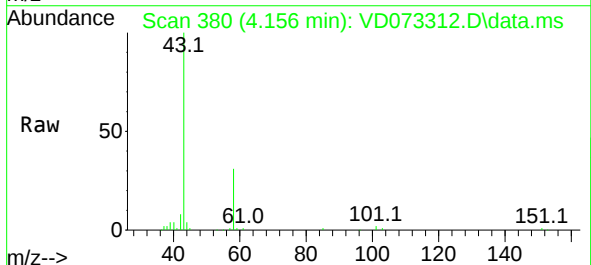
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

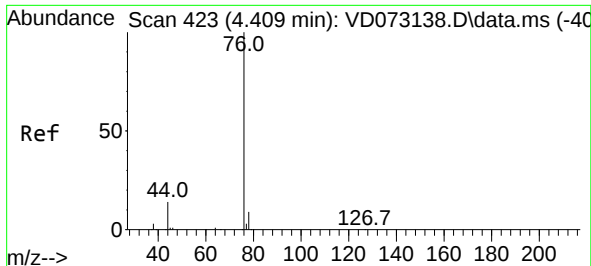
Tgt Ion: 53 Resp: 159787
Ion Ratio Lower Upper
53 100
52 81.8 67.2 100.8
51 36.7 30.3 45.5



#16
Acetone
Concen: 322.503 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 43 Resp: 146445
Ion Ratio Lower Upper
43 100
58 30.9 22.1 33.1

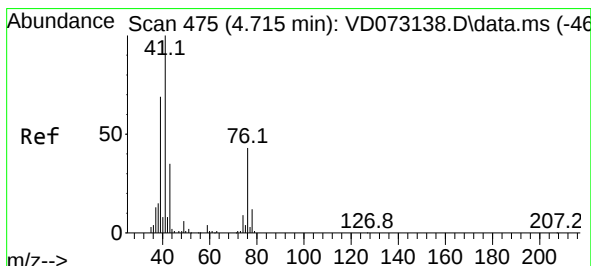
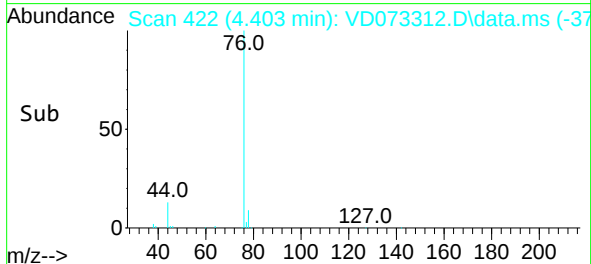
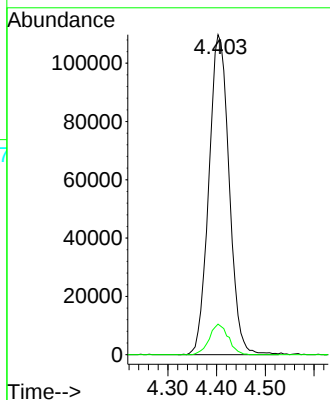
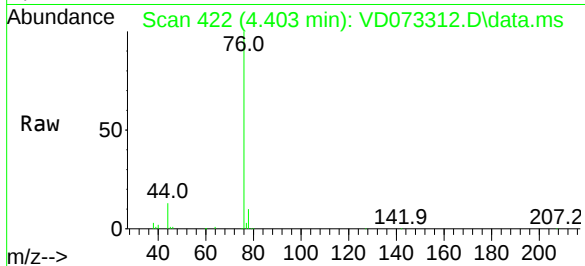




#17
Carbon Disulfide
Concen: 40.230 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

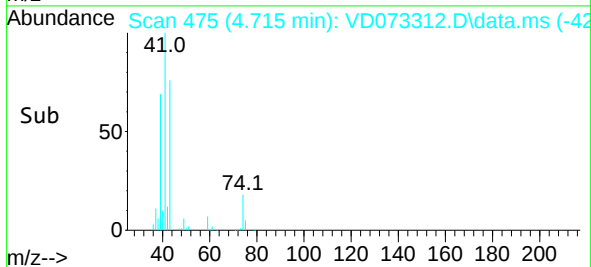
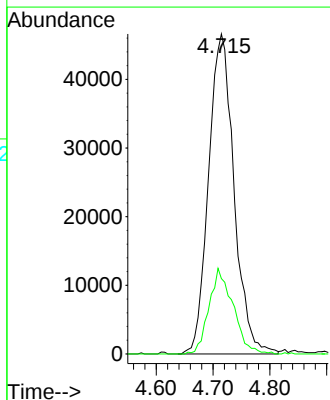
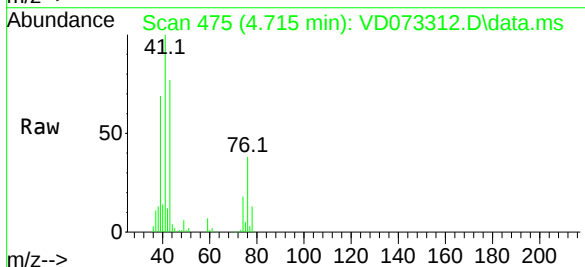
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

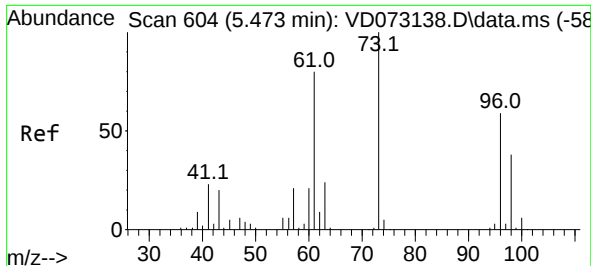
Tgt Ion: 76 Resp: 317937
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 114.862 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 43 Resp: 145034
Ion Ratio Lower Upper
43 100
74 25.3 16.7 25.1#

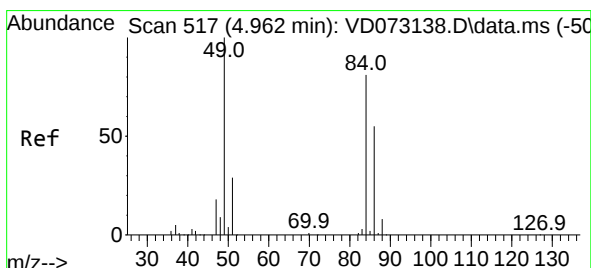
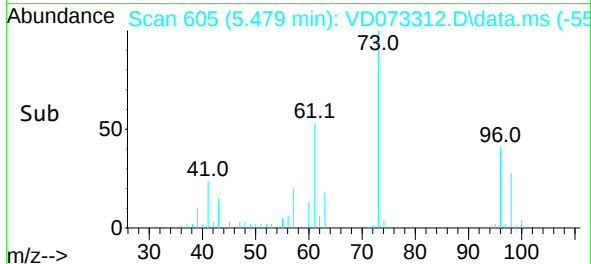
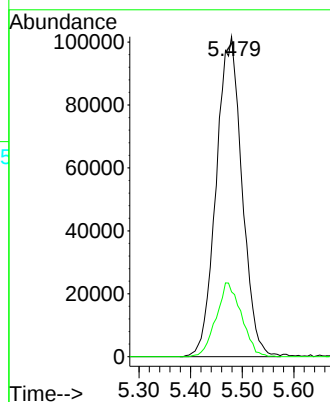
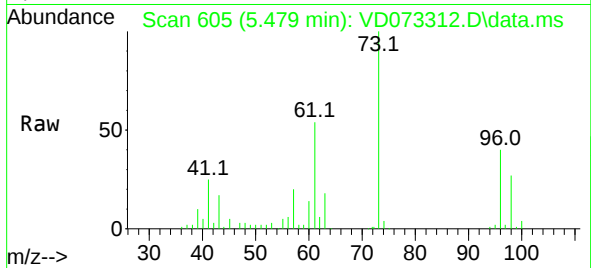




#19
Methyl tert-butyl Ether
Concen: 64.975 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

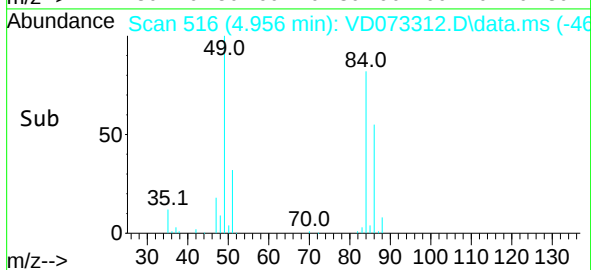
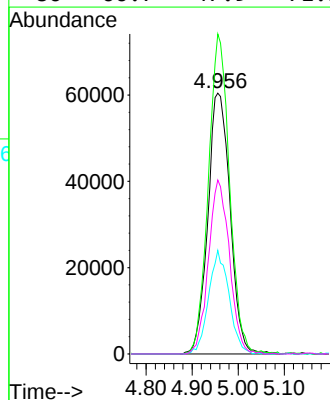
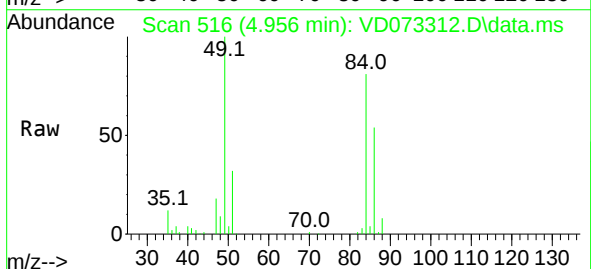
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

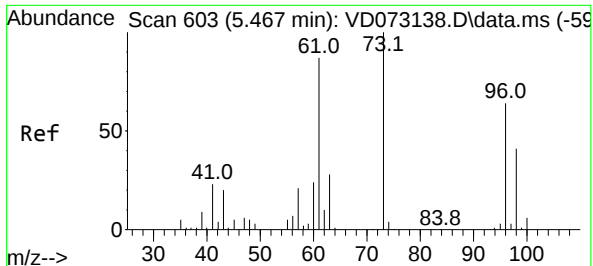
Tgt Ion: 73 Resp: 352883
Ion Ratio Lower Upper
73 100
57 20.2 18.0 27.0



#20
Methylene Chloride
Concen: 72.310 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 84 Resp: 203138
Ion Ratio Lower Upper
84 100
49 122.7 112.8 169.2
51 39.7 32.6 48.8
86 66.7 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 52.330 ug/l

RT: 5.467 min Scan# 603

Delta R.T. 0.000 min

Lab File: VD073312.D

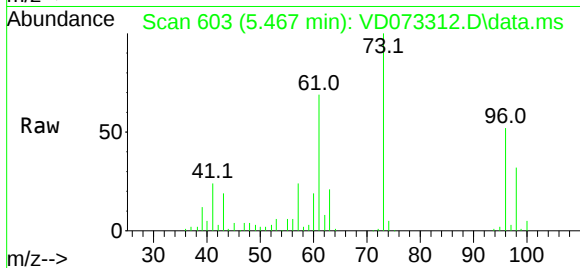
Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD



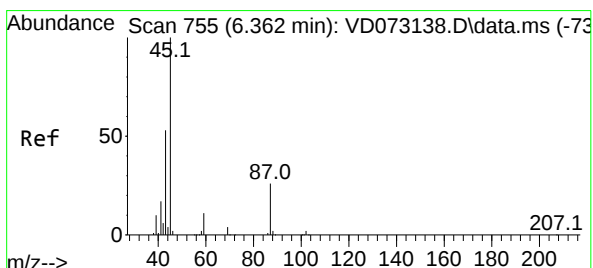
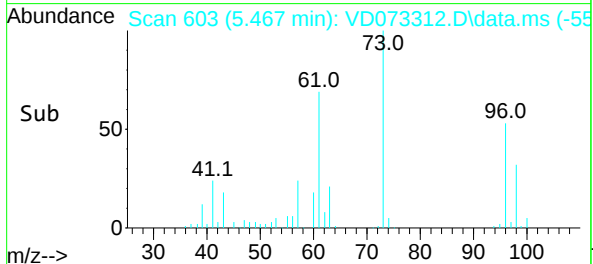
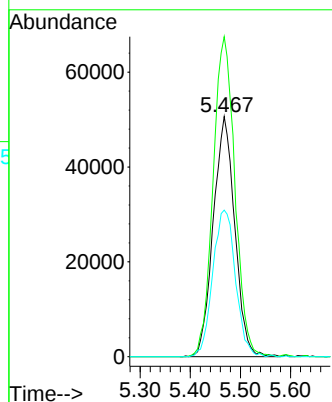
Tgt Ion: 96 Resp: 150838

Ion Ratio Lower Upper

96 100

61 133.2 117.9 176.9

98 61.0 49.4 74.2



#22

Diisopropyl ether

Concen: 61.538 ug/l

RT: 6.362 min Scan# 755

Delta R.T. -0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Tgt Ion: 45 Resp: 496413

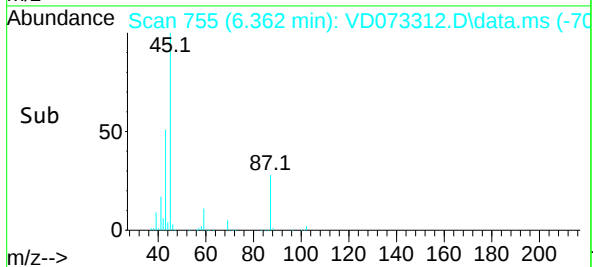
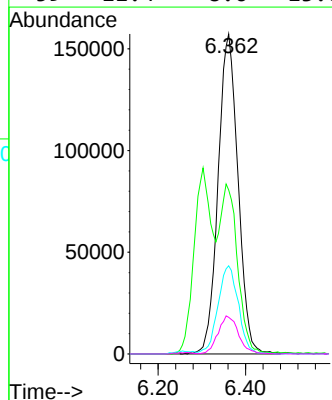
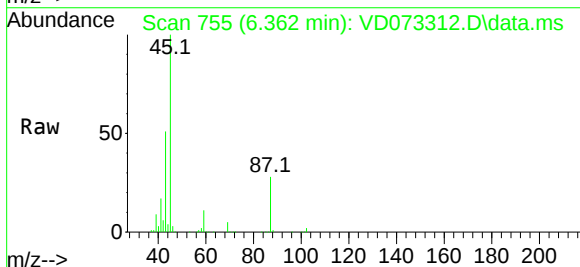
Ion Ratio Lower Upper

45 100

43 50.9 46.6 70.0

87 27.5 18.4 27.6

59 11.4 8.6 13.0

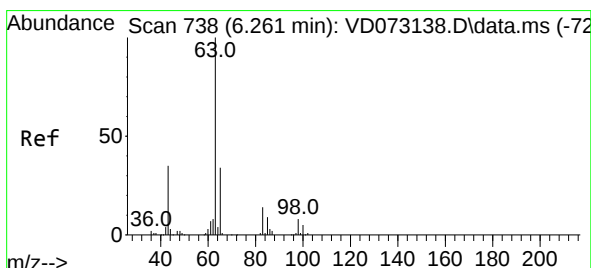
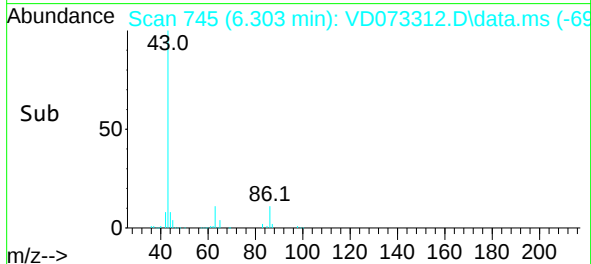
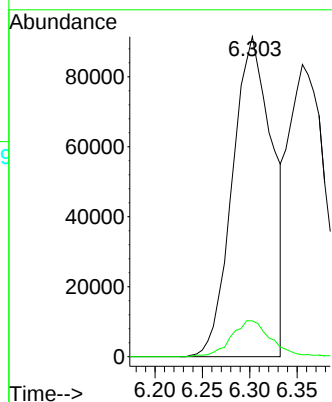
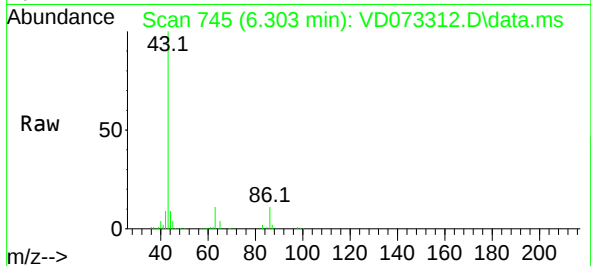




#23
 Vinyl Acetate
 Concen: 61.850 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

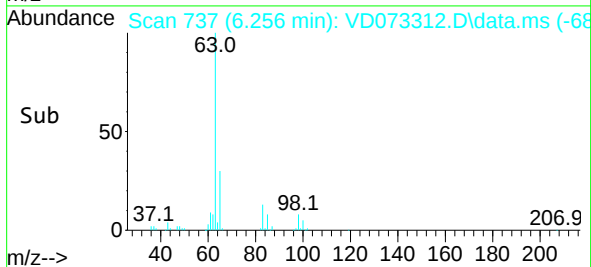
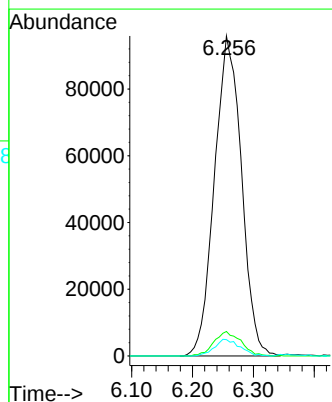
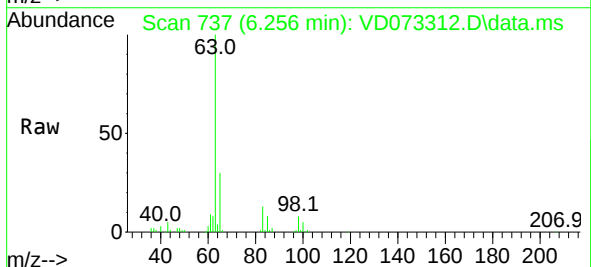
Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-01MSD

Tgt Ion: 43 Resp: 266131
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 57.015 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

Tgt Ion: 63 Resp: 295217
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.6 10.9
 100 5.1 2.1 6.5

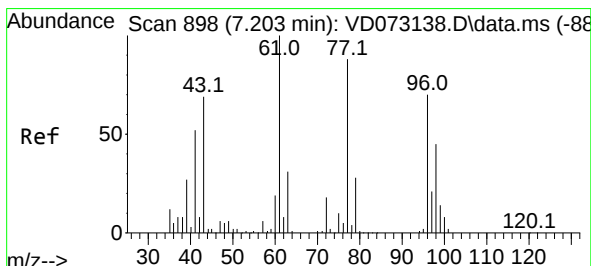
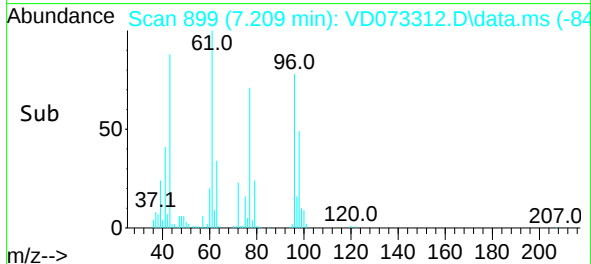
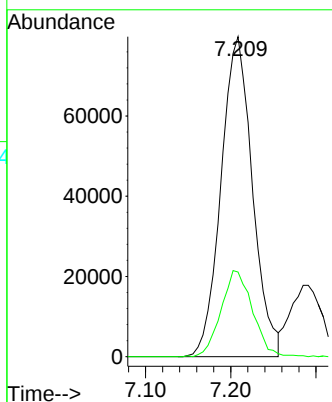
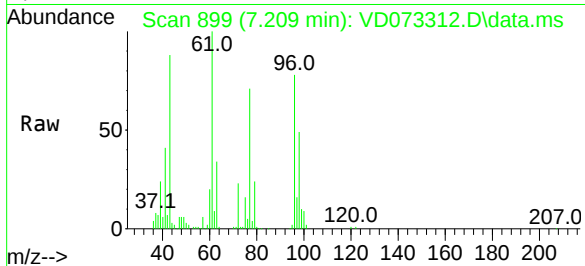




#25
2-Butanone
Concen: 308.252 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

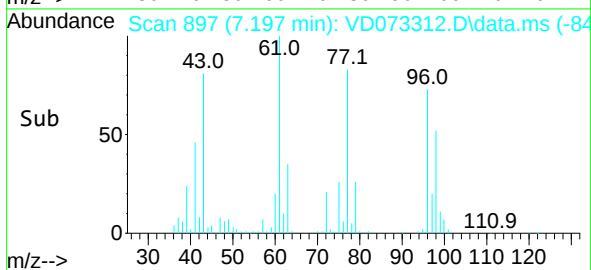
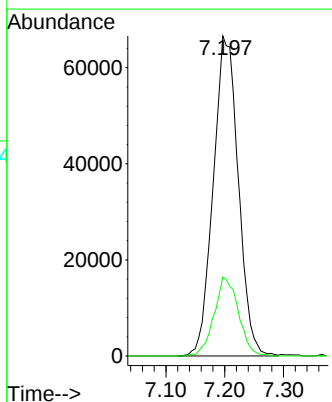
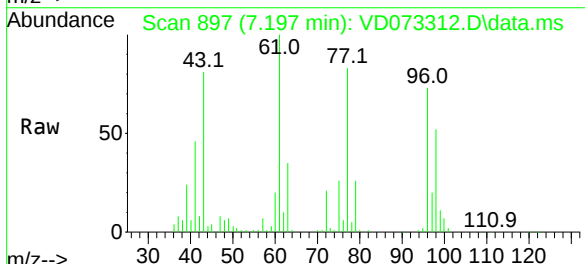
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

Tgt Ion: 43 Resp: 204787
Ion Ratio Lower Upper
43 100
72 26.5 18.6 27.8



#26
2,2-Dichloropropane
Concen: 44.597 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 77 Resp: 196931
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.4

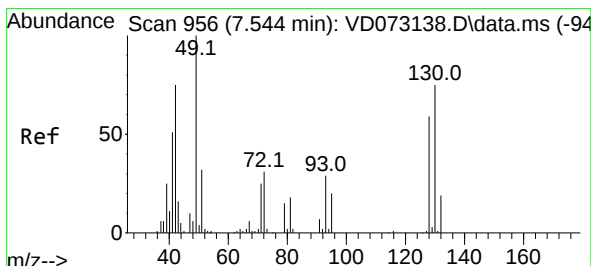
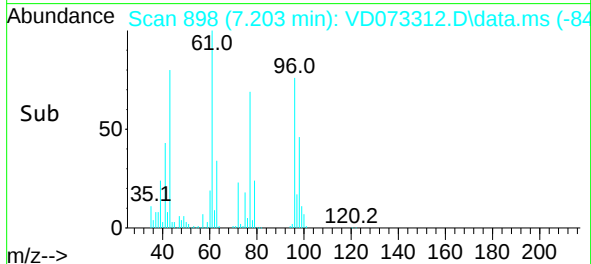
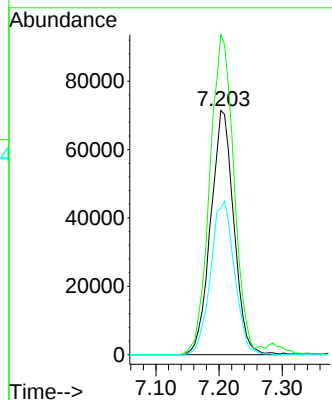
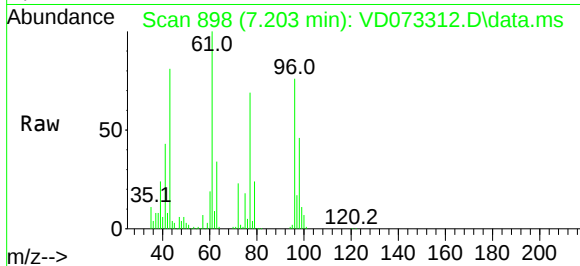




#27
 cis-1,2-Dichloroethene
 Concen: 57.079 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

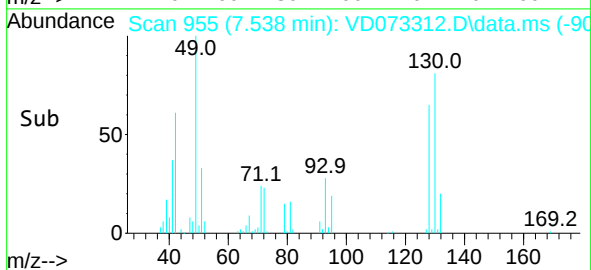
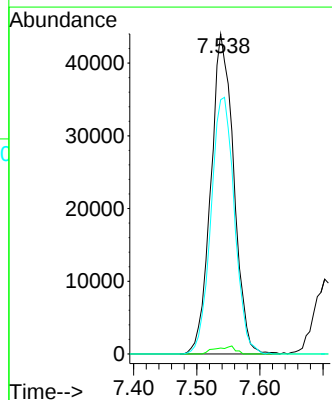
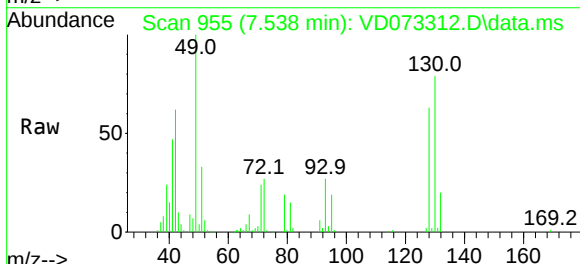
Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-01MSD

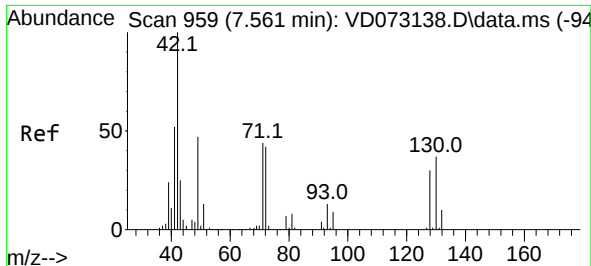
Tgt Ion: 96 Resp: 182050
 Ion Ratio Lower Upper
 96 100
 61 136.9 0.0 313.8
 98 64.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 62.128 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

Tgt Ion: 49 Resp: 110828
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 82.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 320.134 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.011 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD

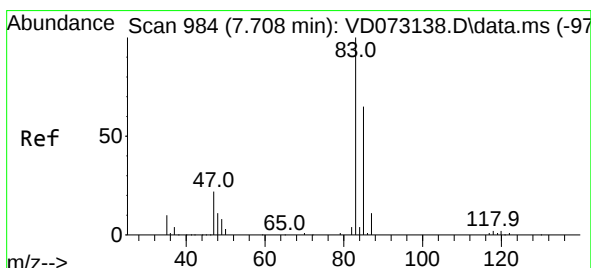
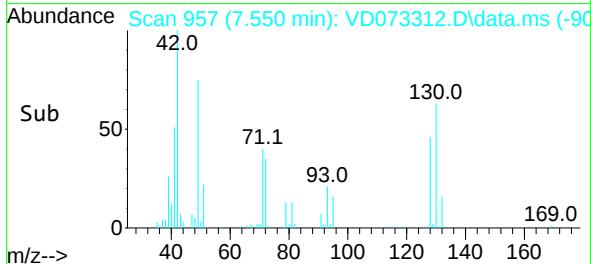
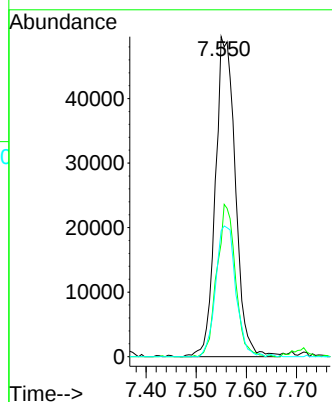
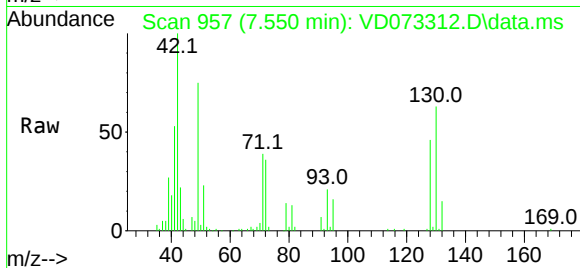
Tgt Ion: 42 Resp: 137523

Ion Ratio Lower Upper

42 100

72 43.9 30.7 46.1

71 41.1 28.6 43.0



#30

Chloroform

Concen: 58.406 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073312.D

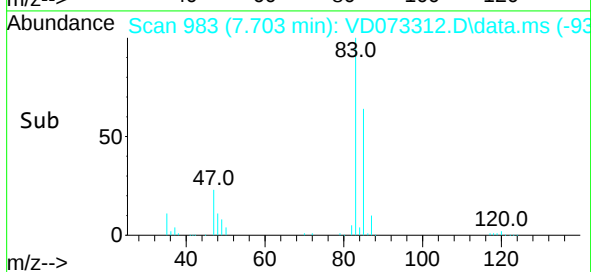
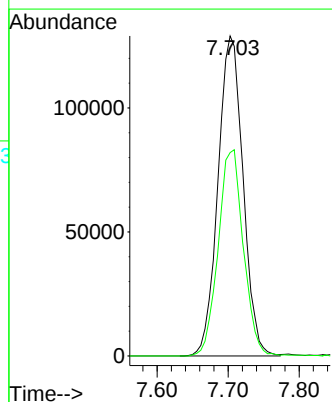
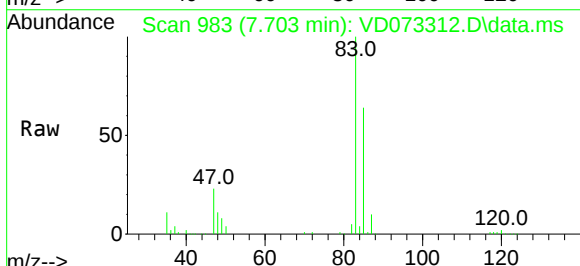
Acq: 24 May 2022 06:16

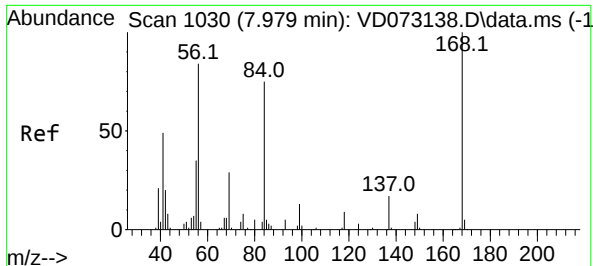
Tgt Ion: 83 Resp: 315727

Ion Ratio Lower Upper

83 100

85 63.5 52.7 79.1





#31

Cyclohexane

Concen: 39.348 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073312.D

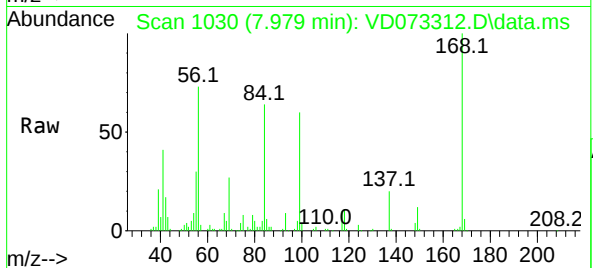
Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD



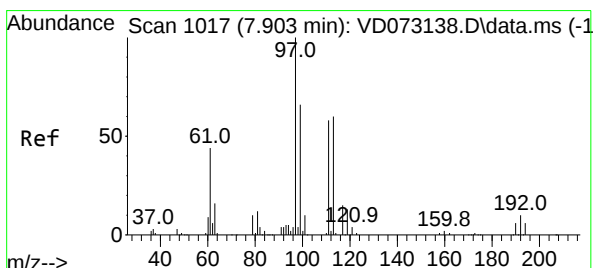
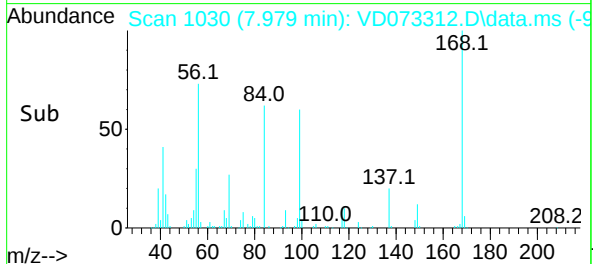
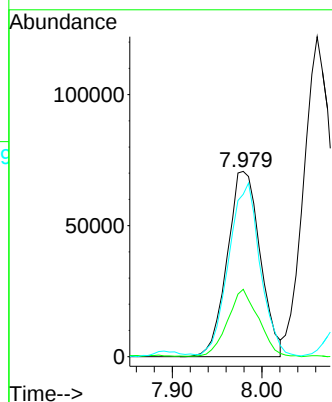
Tgt Ion: 56 Resp: 180265

Ion Ratio Lower Upper

56 100

69 36.1 25.4 38.2

84 86.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 52.319 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

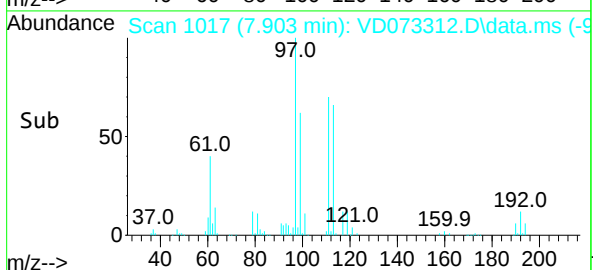
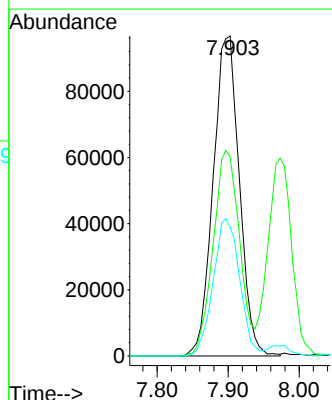
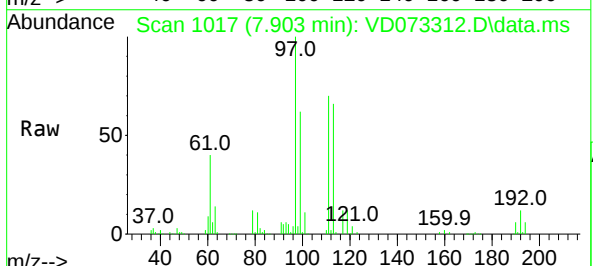
Tgt Ion: 97 Resp: 247362

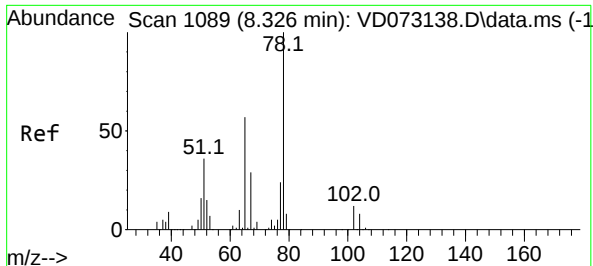
Ion Ratio Lower Upper

97 100

99 65.4 52.4 78.6

61 43.3 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 62.628 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

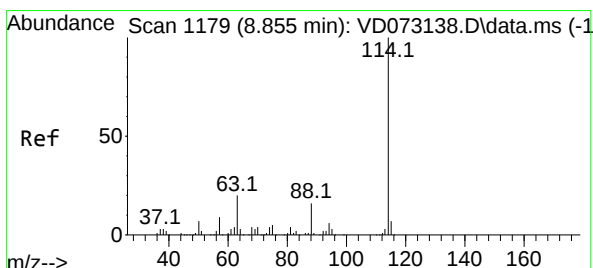
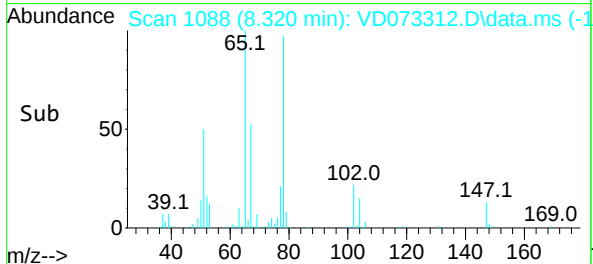
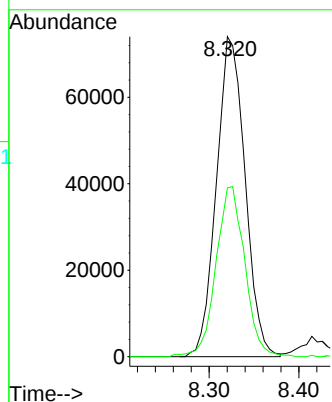
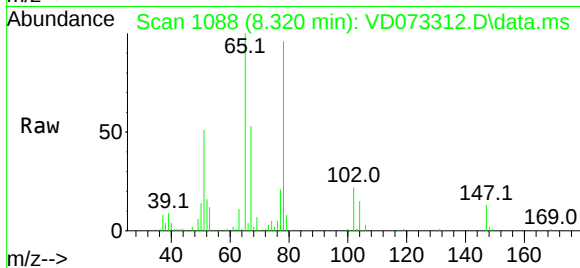
P043-SS001-0612-01MSD

Tgt Ion: 65 Resp: 164185

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

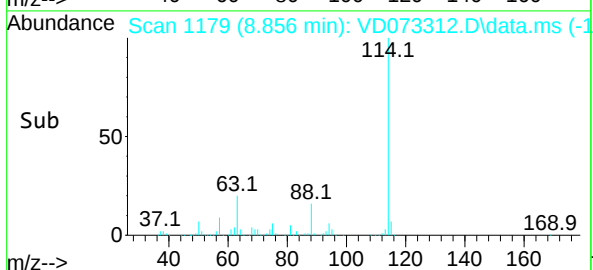
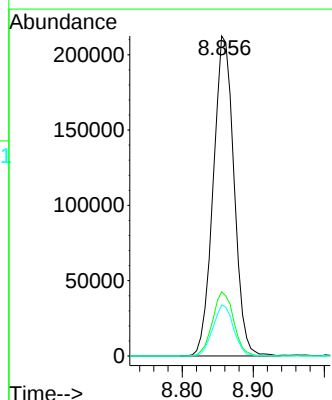
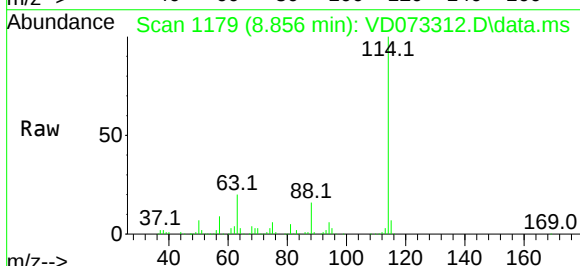
Tgt Ion: 114 Resp: 430887

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 16.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 57.889 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073312.D

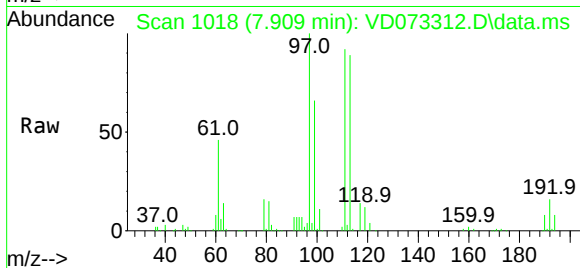
Acq: 24 May 2022 06:16

Instrument :

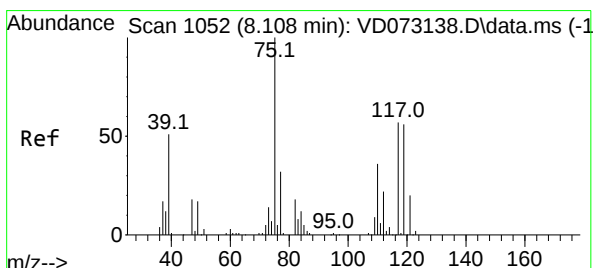
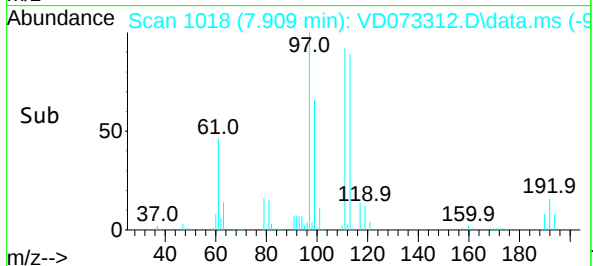
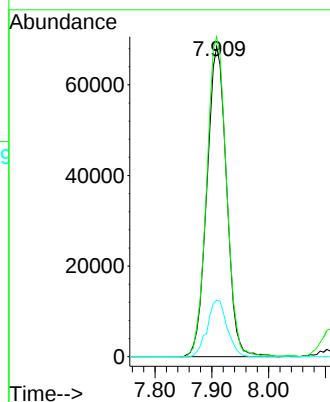
MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD



Tgt Ion:	113	Resp:	164594
Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.8	125.6
192	18.3	14.6	21.8



#36

1,1-Dichloropropene

Concen: 45.095 ug/l

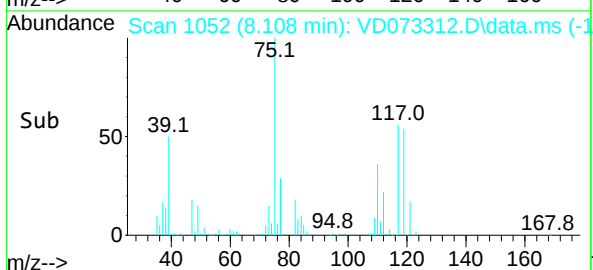
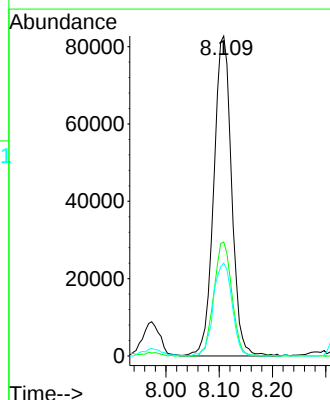
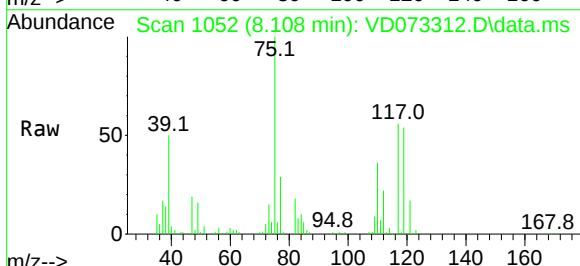
RT: 8.108 min Scan# 1052

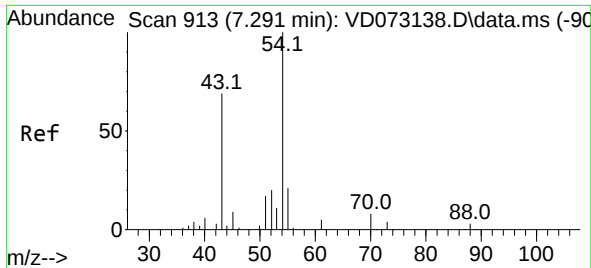
Delta R.T. 0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Tgt Ion:	75	Resp:	192837
Ion	Ratio	Lower	Upper
75	100		
110	35.8	16.4	49.1
77	30.5	24.2	36.2





#37

Ethyl Acetate

Concen: 29.481 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

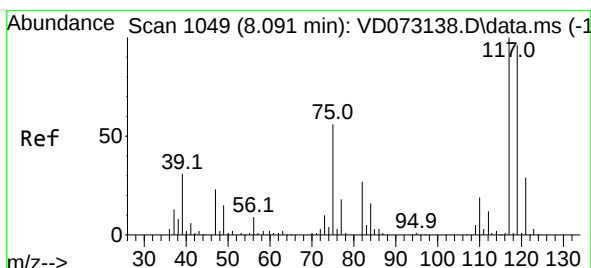
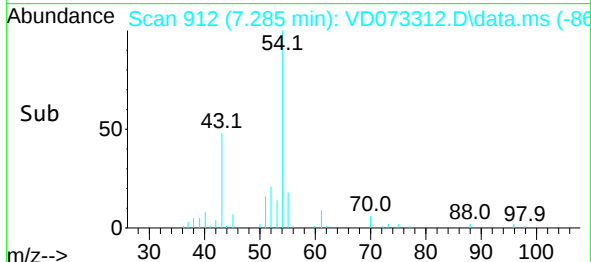
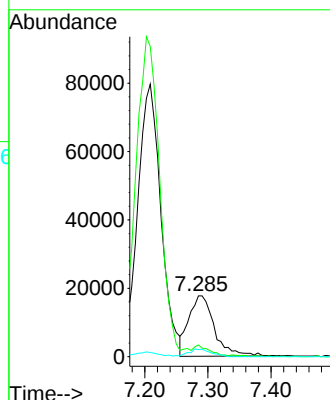
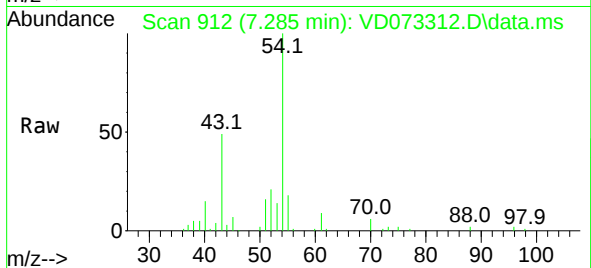
Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD

Tgt Ion:	43	Resp:	49796
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	11.2	6.9	10.3#



#38

Carbon Tetrachloride

Concen: 46.758 ug/l

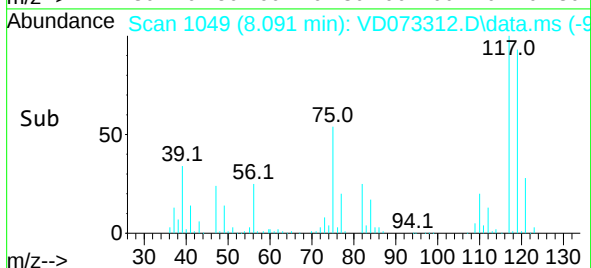
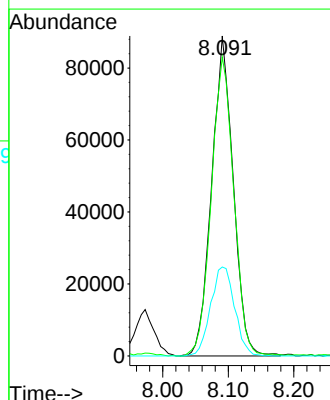
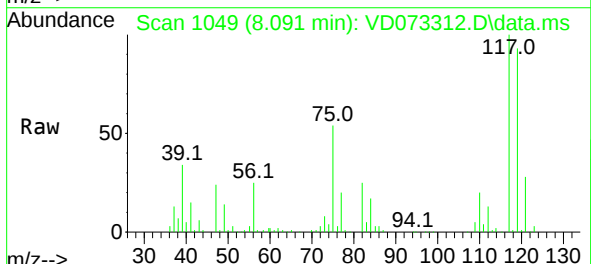
RT: 8.091 min Scan# 1049

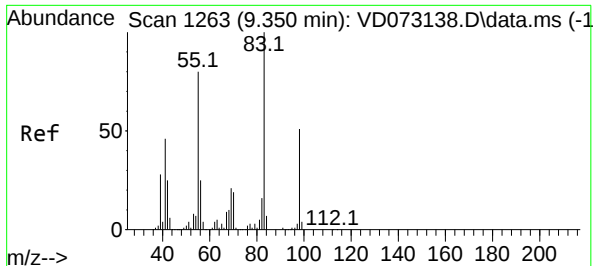
Delta R.T. -0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Tgt Ion:	117	Resp:	202681
Ion	Ratio	Lower	Upper
117	100		
119	93.4	75.8	113.6
121	27.8	24.5	36.7





#39

Methylcyclohexane

Concen: 36.214 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD

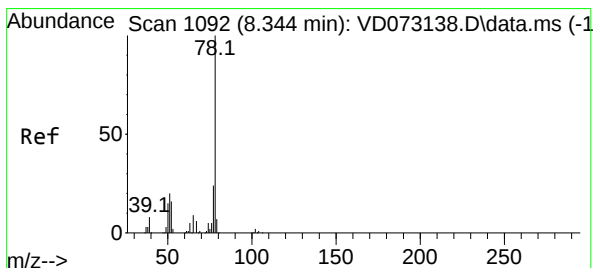
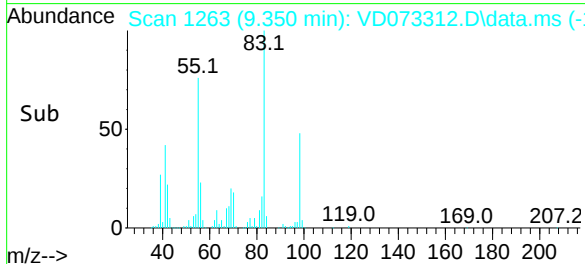
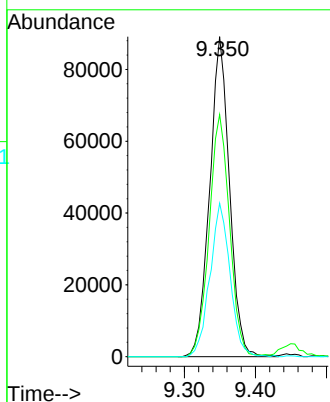
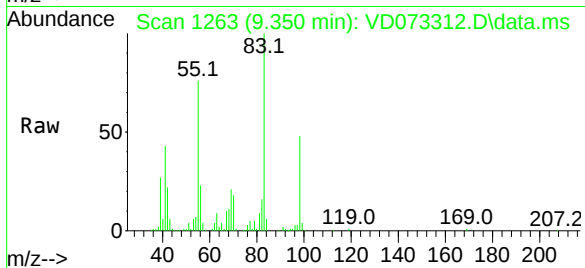
Tgt Ion: 83 Resp: 172585

Ion Ratio Lower Upper

83 100

55 75.6 63.2 94.8

98 47.9 38.2 57.4



#40

Benzene

Concen: 52.076 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073312.D

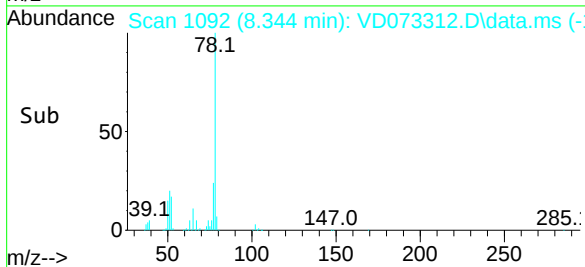
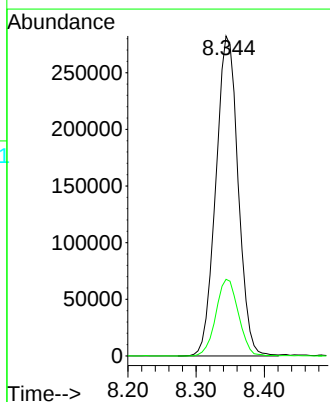
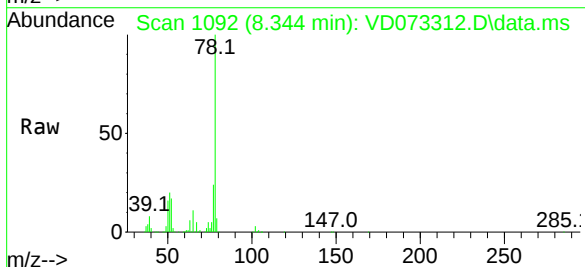
Acq: 24 May 2022 06:16

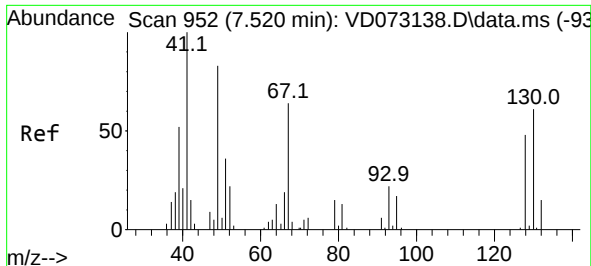
Tgt Ion: 78 Resp: 641787

Ion Ratio Lower Upper

78 100

77 24.0 19.1 28.7

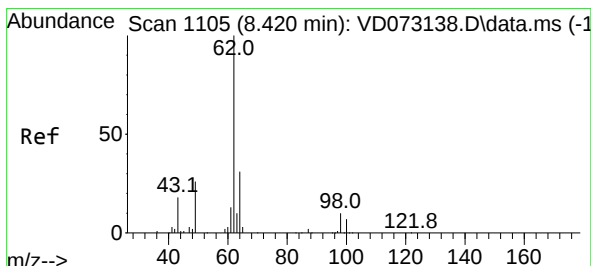
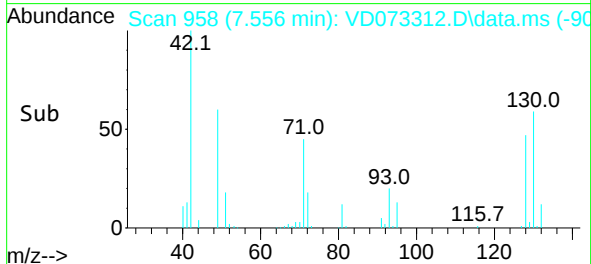
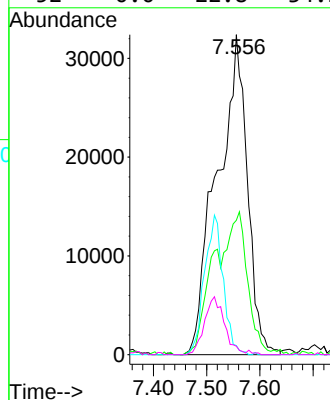
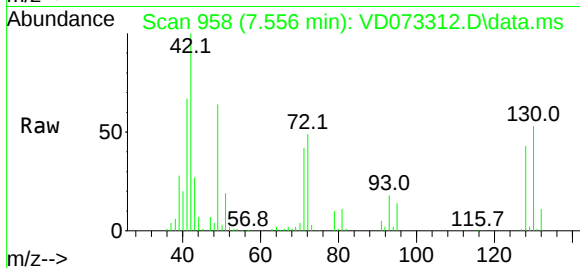




#41
Methacrylonitrile
Concen: 129.565 ug/l
RT: 7.556 min Scan# 91
Delta R.T. 0.036 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

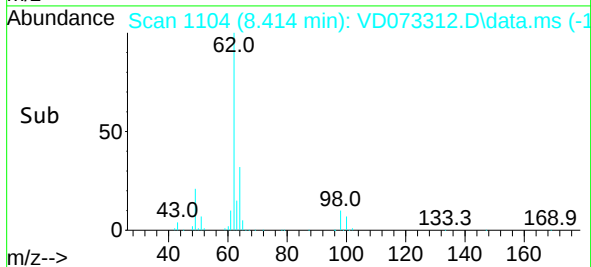
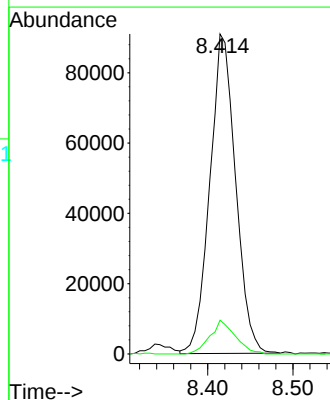
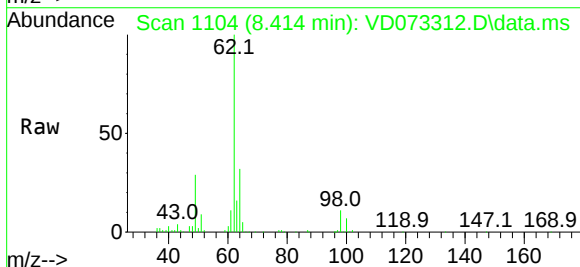
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

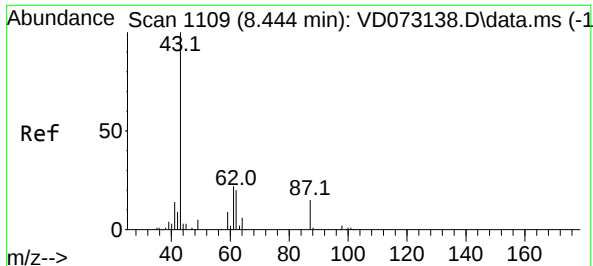
Tgt Ion: 41 Resp: 127507
Ion Ratio Lower Upper
41 100
39 27.7 44.6 67.0#
67 0.0 48.2 72.4#
52 0.0 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 55.658 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 62 Resp: 190861
Ion Ratio Lower Upper
62 100
98 10.4 0.0 17.6

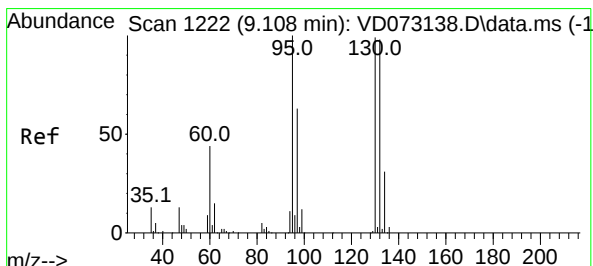
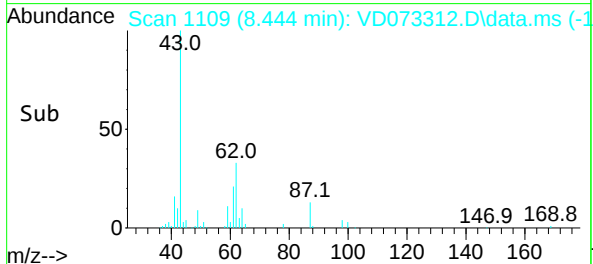
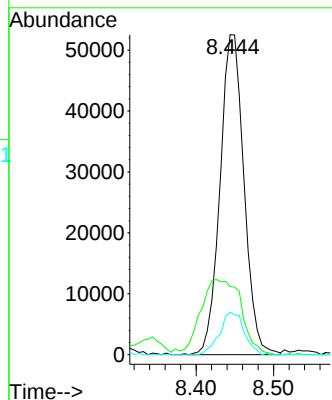
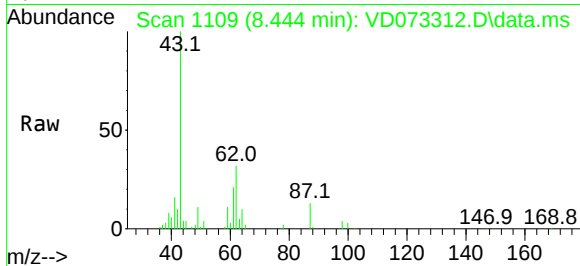




#43
Isopropyl Acetate
Concen: 36.186 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

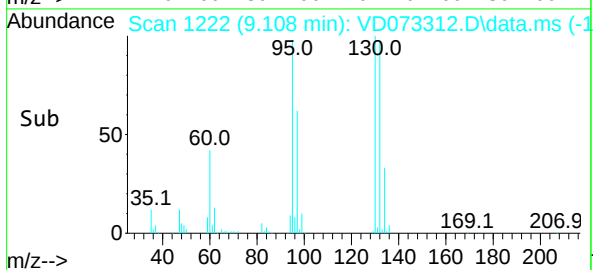
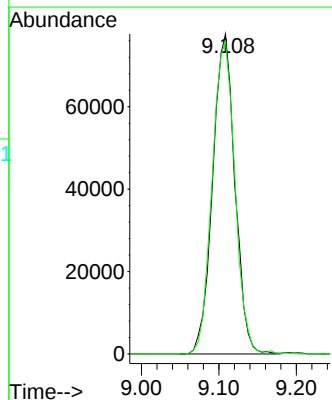
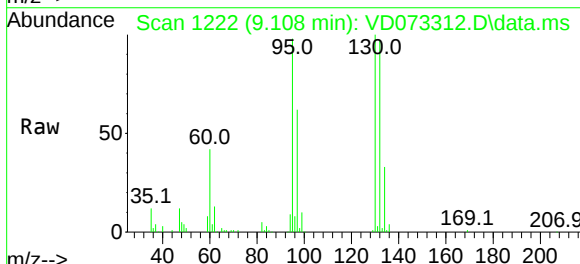
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

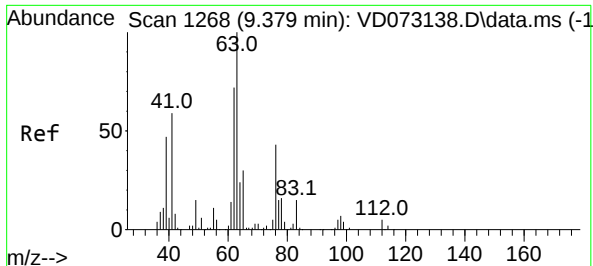
Tgt Ion: 43 Resp: 112976
Ion Ratio Lower Upper
43 100
61 39.4 22.4 33.6#
87 13.6 8.7 13.1#



#44
Trichloroethene
Concen: 47.006 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:130 Resp: 154484
Ion Ratio Lower Upper
130 100
95 97.7 0.0 205.4





#45

1,2-Dichloropropane

Concen: 54.886 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

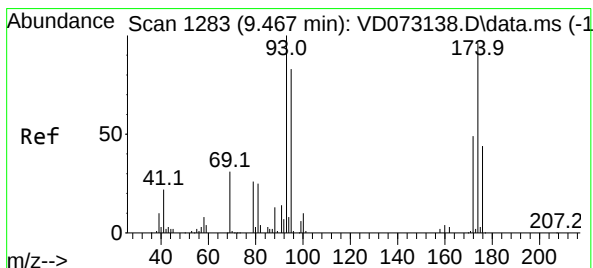
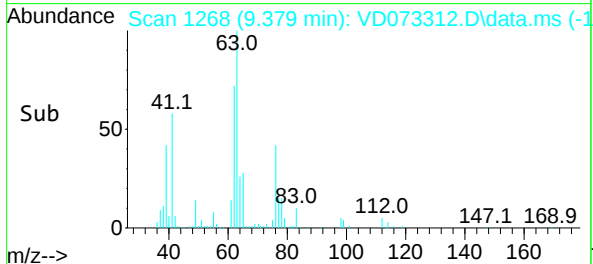
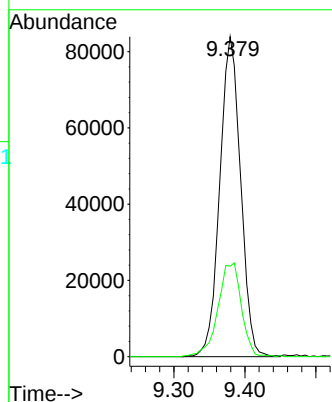
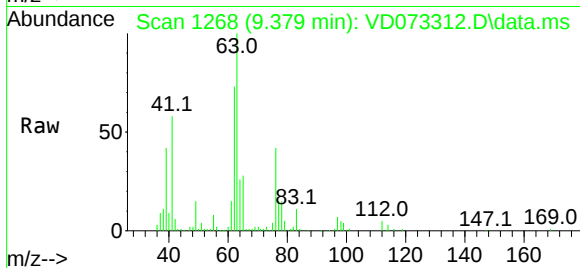
P043-SS001-0612-01MSD

Tgt Ion: 63 Resp: 170351

Ion Ratio Lower Upper

63 100

65 28.3 26.2 39.4



#46

Dibromomethane

Concen: 56.714 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

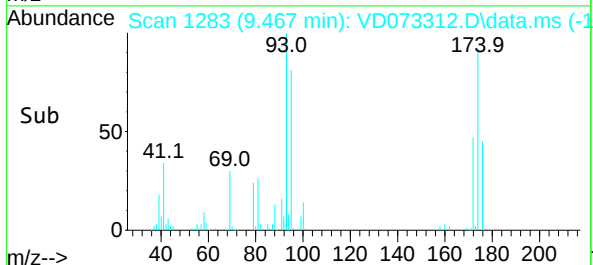
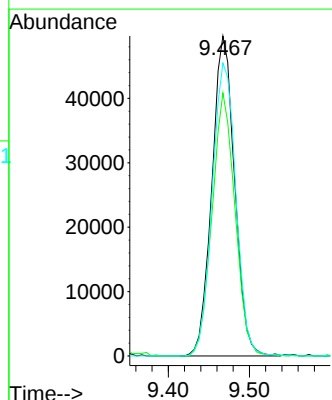
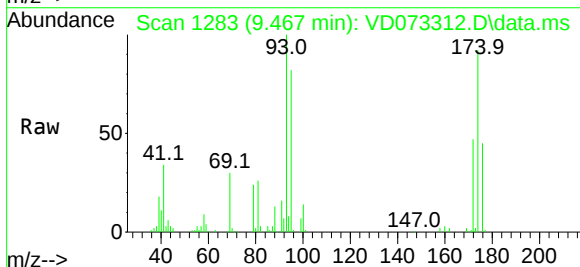
Tgt Ion: 93 Resp: 96675

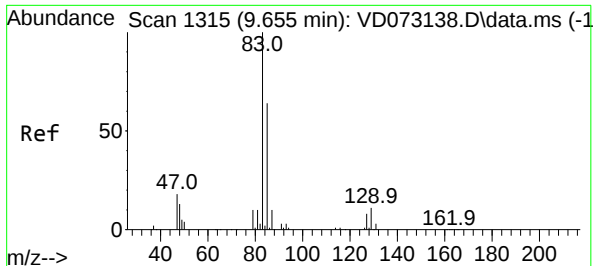
Ion Ratio Lower Upper

93 100

95 83.0 66.7 100.1

174 95.1 71.6 107.4

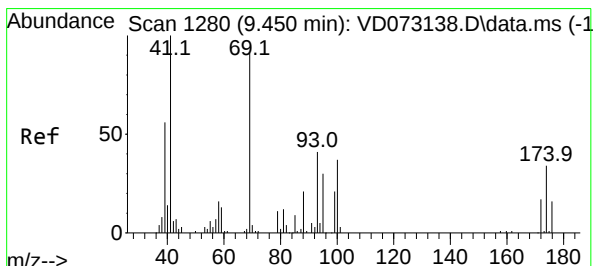
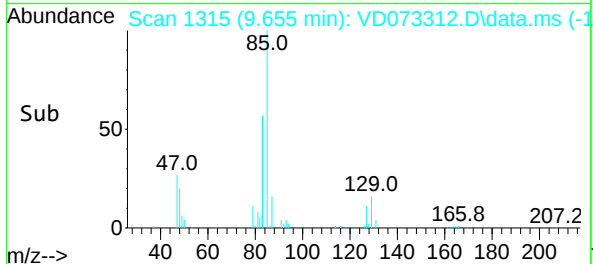
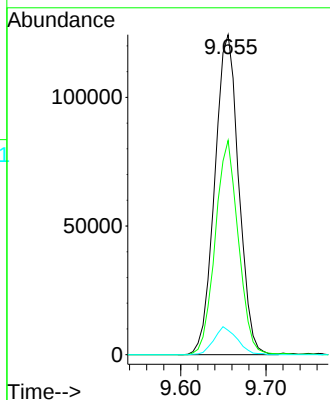
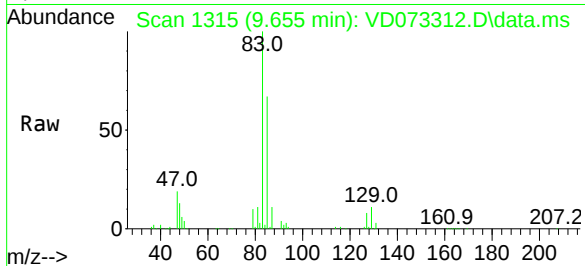




#47
Bromodichloromethane
Concen: 55.643 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

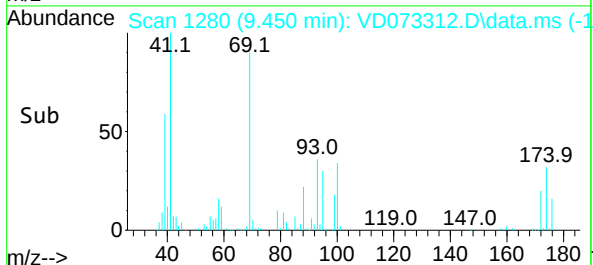
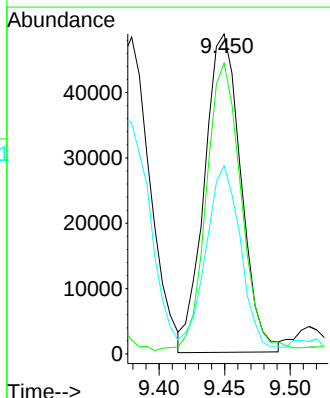
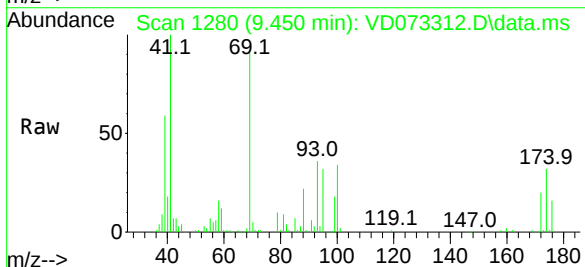
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

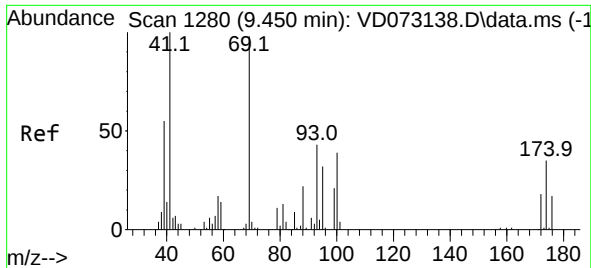
Tgt Ion: 83 Resp: 242690
Ion Ratio Lower Upper
83 100
85 66.9 51.4 77.0
127 7.6 6.1 9.1



#48
Methyl methacrylate
Concen: 60.043 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 41 Resp: 94312
Ion Ratio Lower Upper
41 100
69 86.3 56.7 85.1#
39 58.2 42.7 64.1

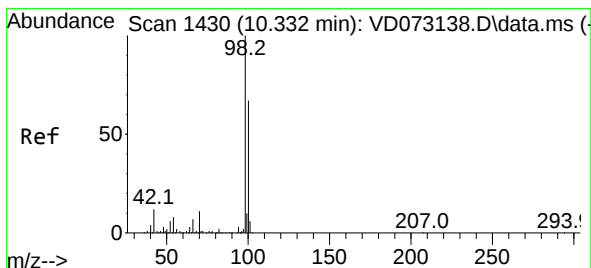
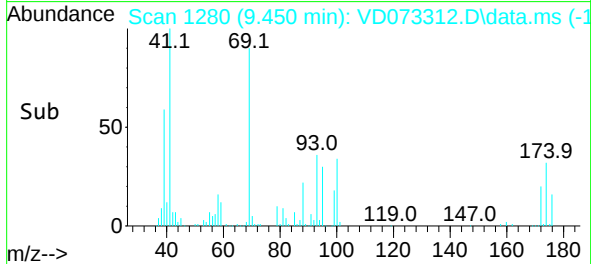
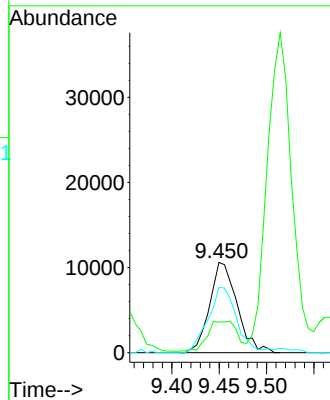
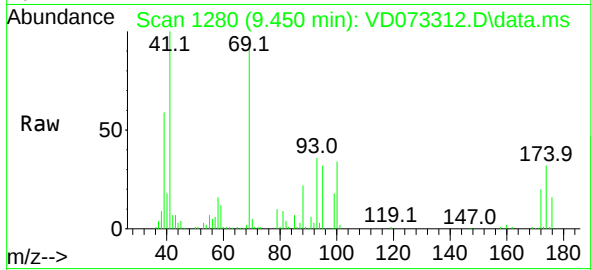




#49
1,4-Dioxane
Concen: 1214.983 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

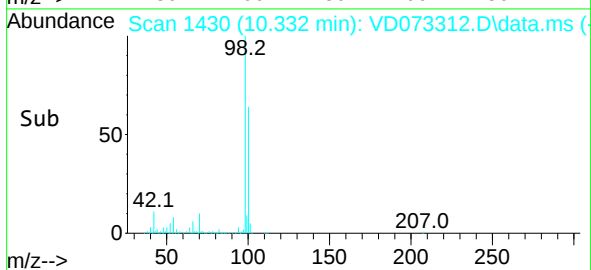
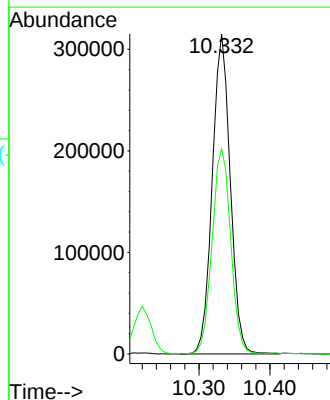
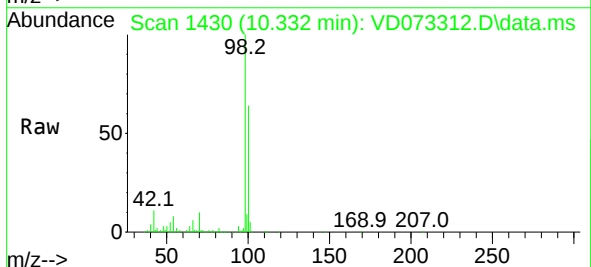
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

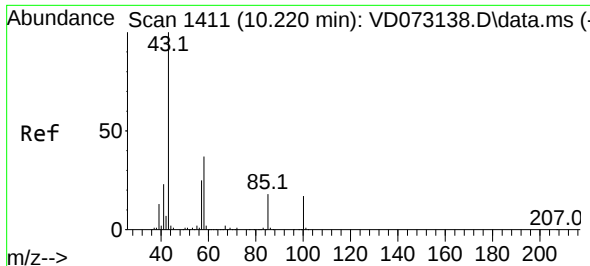
Tgt Ion: 88 Resp: 21388
Ion Ratio Lower Upper
88 100
43 36.1 31.0 46.4
58 74.4 58.1 87.1



#50
Toluene-d8
Concen: 52.762 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 98 Resp: 552998
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

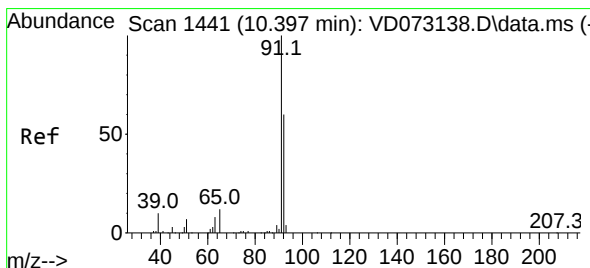
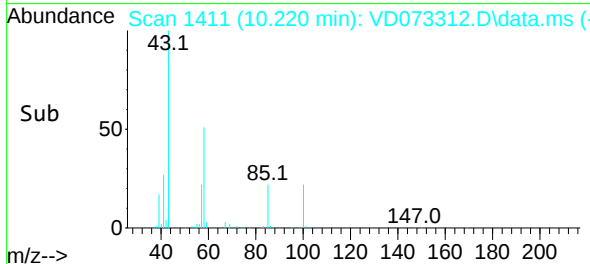
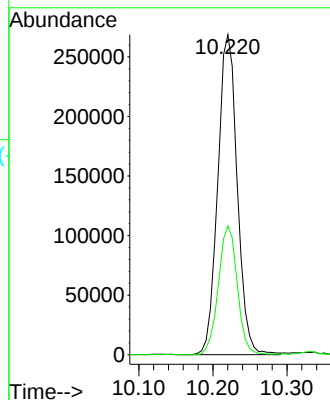
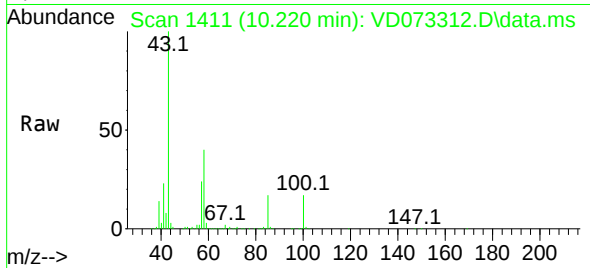




#51
4-Methyl-2-Pentanone
Concen: 302.357 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

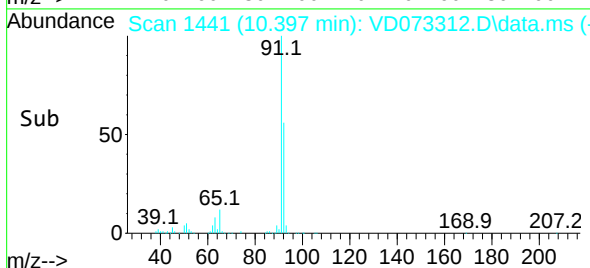
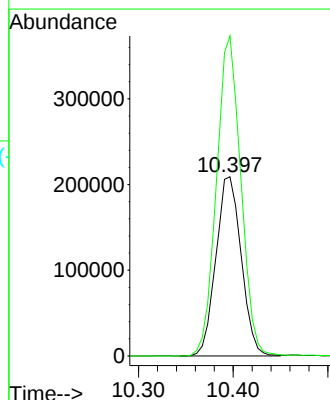
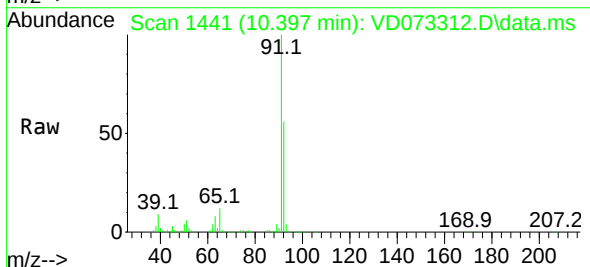
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

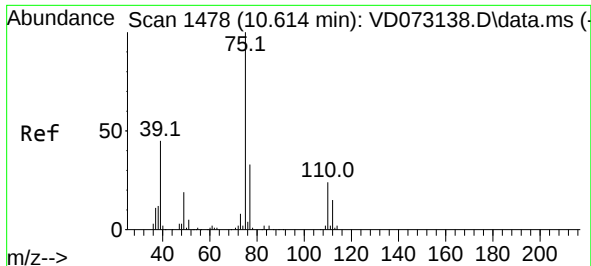
Tgt Ion: 43 Resp: 490282
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 49.872 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 92 Resp: 388394
Ion Ratio Lower Upper
92 100
91 172.2 139.6 209.4

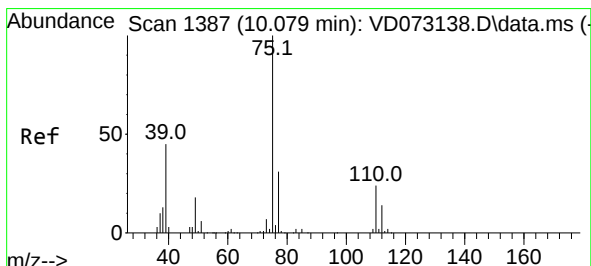
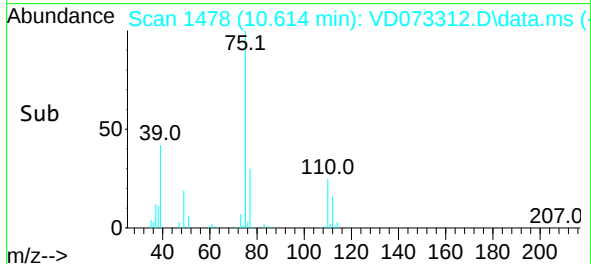
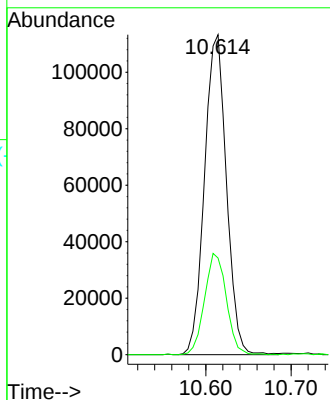
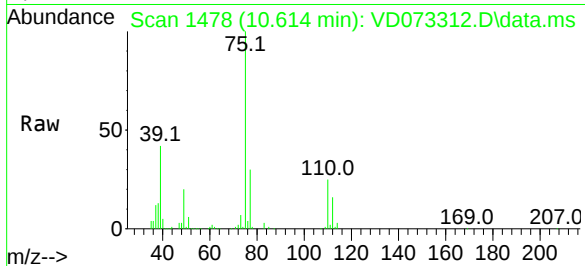




#53
t-1,3-Dichloropropene
Concen: 51.370 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

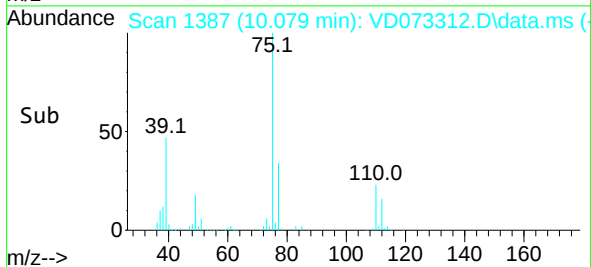
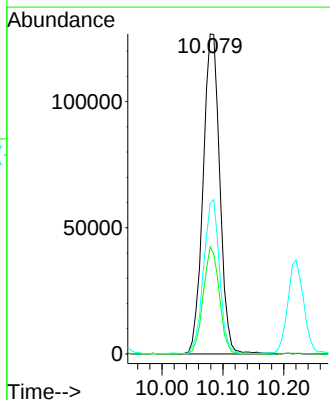
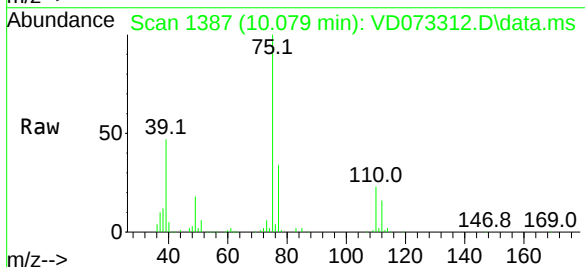
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

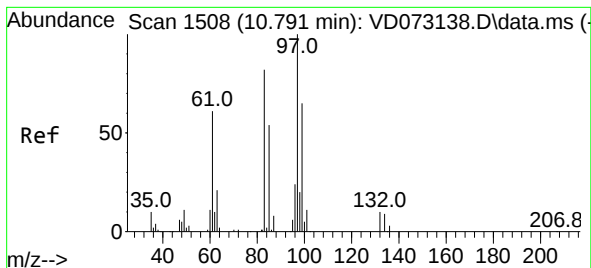
Tgt Ion: 75 Resp: 202415
Ion Ratio Lower Upper
75 100
77 30.2 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.353 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 75 Resp: 242148
Ion Ratio Lower Upper
75 100
77 33.5 24.8 37.2
39 46.8 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 57.403 ug/l

RT: 10.791 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073312.D

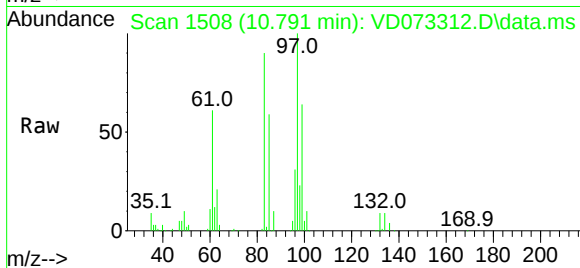
Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD



Tgt Ion: 97 Resp: 132319

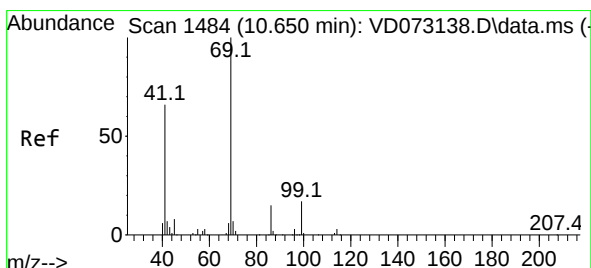
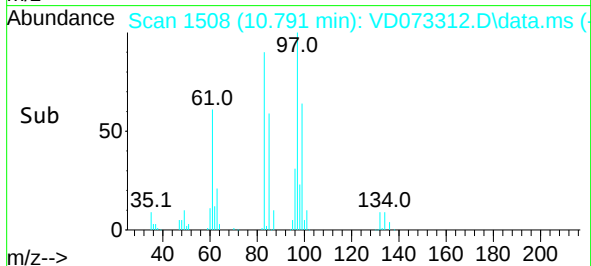
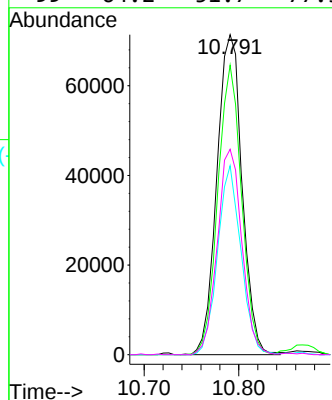
Ion Ratio Lower Upper

97 100

83 90.5 69.0 103.4

85 59.0 42.6 63.8

99 64.2 51.7 77.5



#56

Ethyl methacrylate

Concen: 36.149 ug/l

RT: 10.650 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

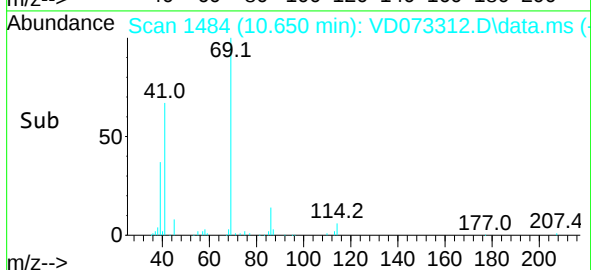
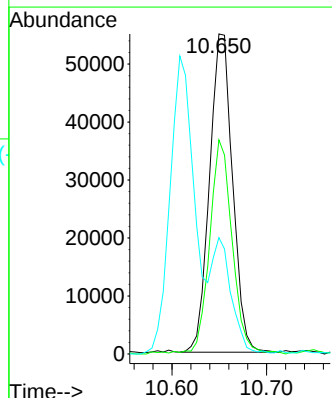
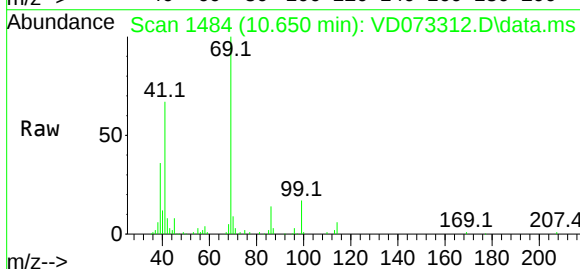
Tgt Ion: 69 Resp: 92645

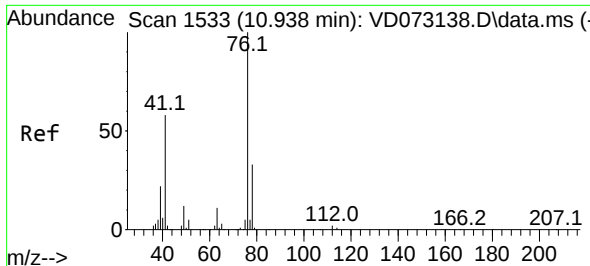
Ion Ratio Lower Upper

69 100

41 66.1 63.0 94.6

39 29.6 33.8 50.8#

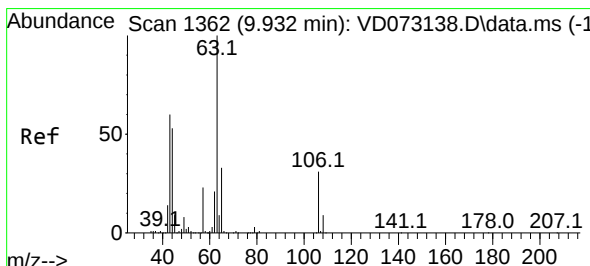
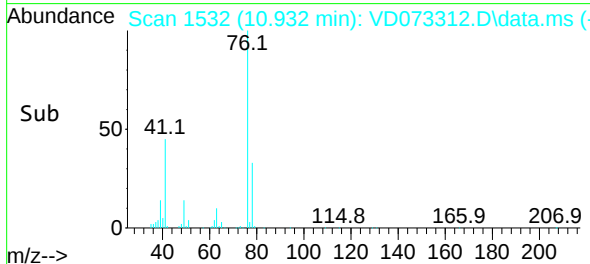
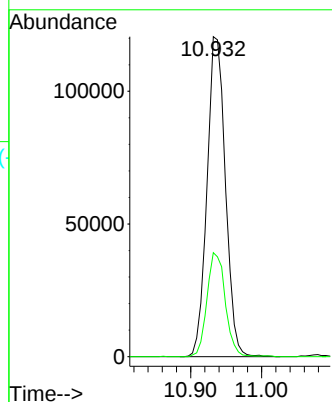
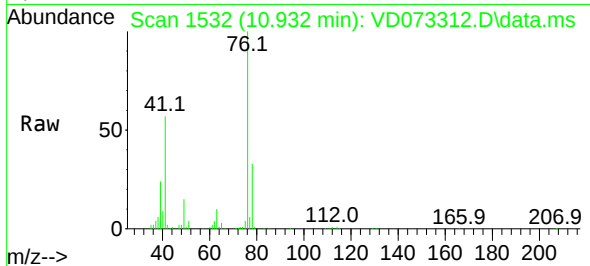




#57
1,3-Dichloropropane
Concen: 56.151 ug/l
RT: 10.932 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

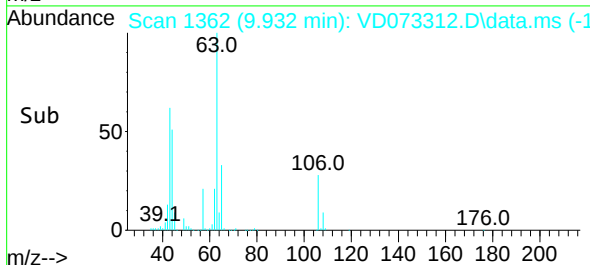
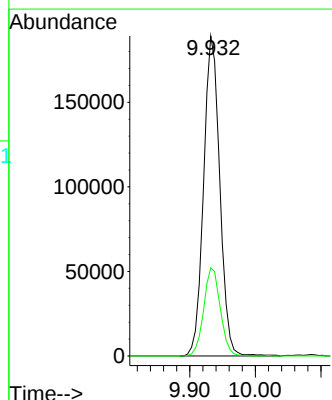
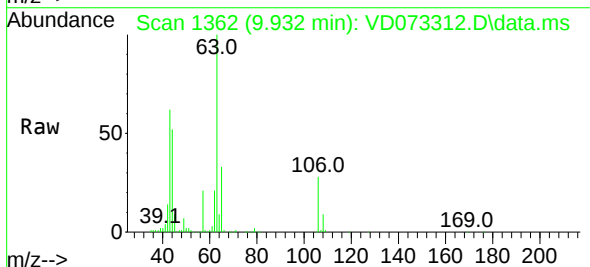
Instrument : MSVOA_D
ClientSampleId : P043-SS001-0612-01MSD

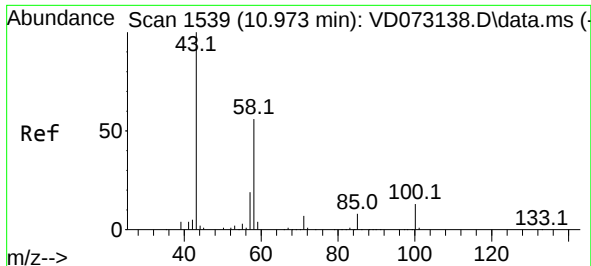
Tgt Ion: 76 Resp: 217178
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 265.774 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 63 Resp: 325435
Ion Ratio Lower Upper
63 100
106 28.2 21.4 32.0

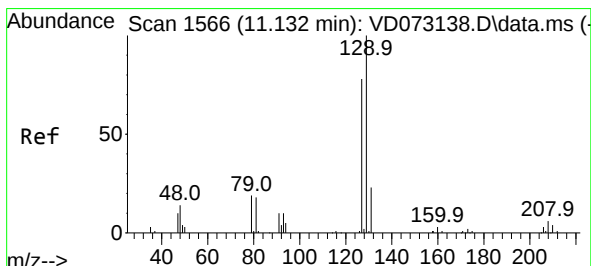
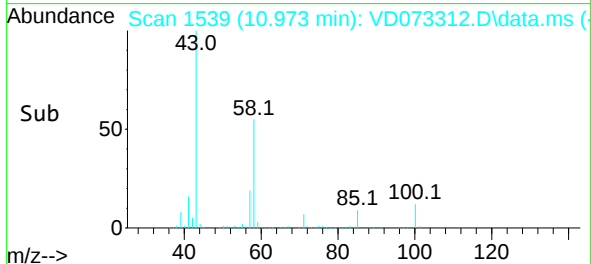
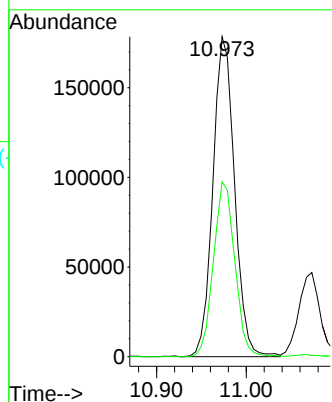
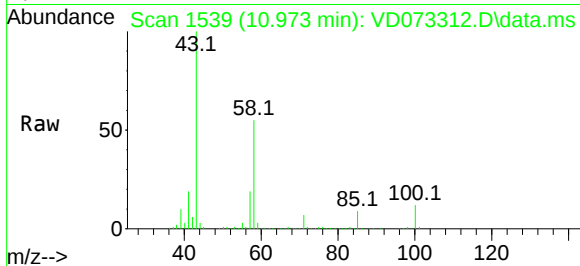




#59
2-Hexanone
Concen: 279.659 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

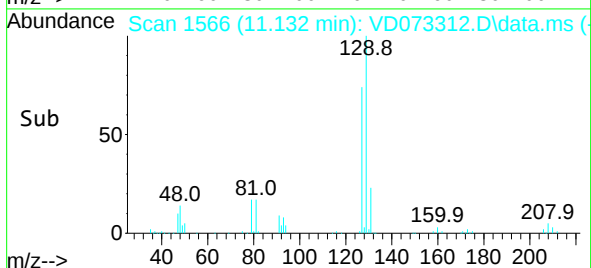
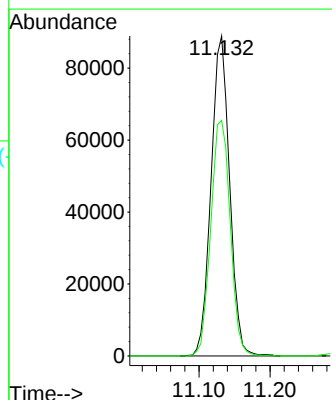
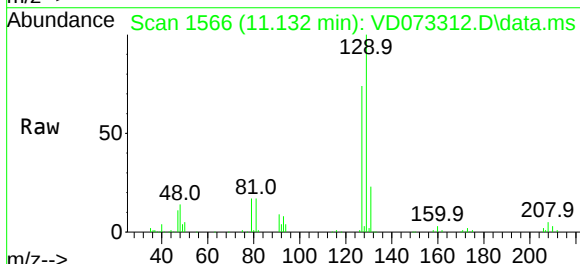
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

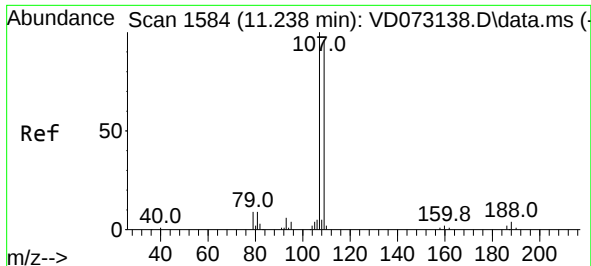
Tgt Ion: 43 Resp: 298971
Ion Ratio Lower Upper
43 100
58 54.0 25.3 75.9



#60
Dibromochloromethane
Concen: 56.056 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 129 Resp: 161121
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6

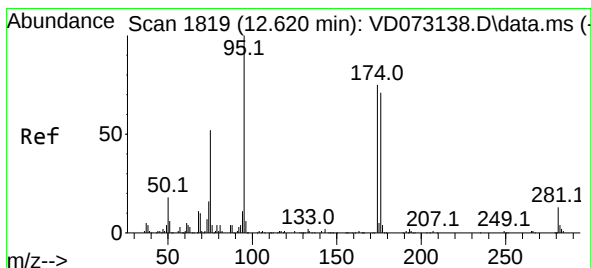
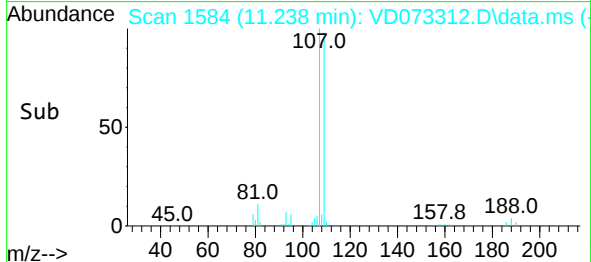
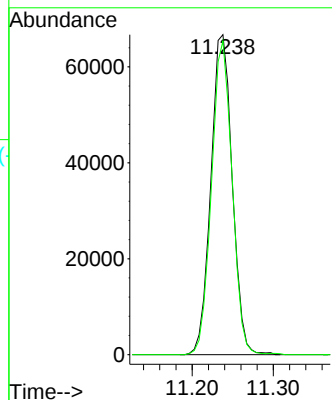
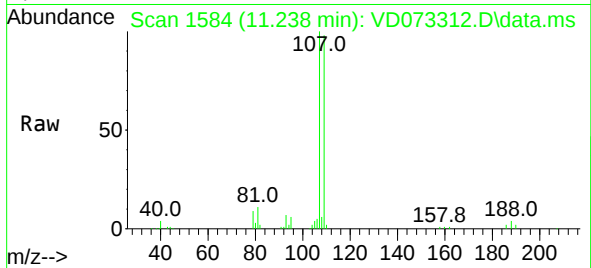




#61
1,2-Dibromoethane
Concen: 55.479 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

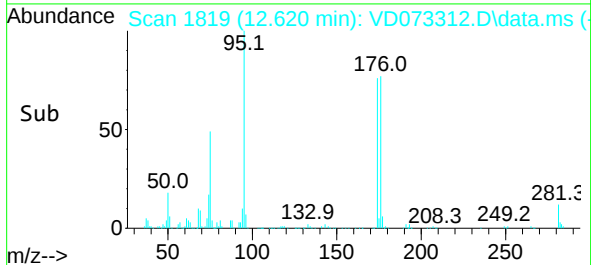
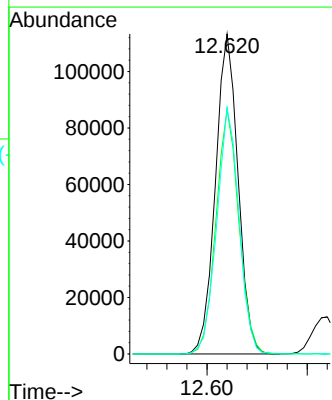
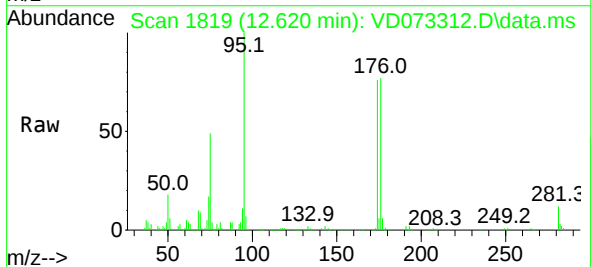
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

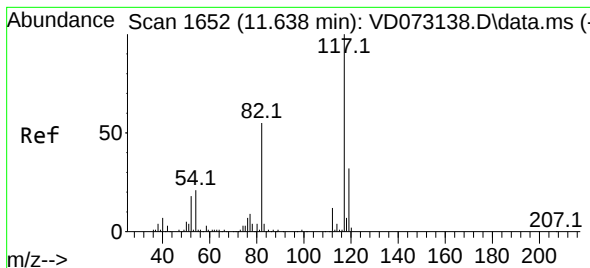
Tgt Ion:107 Resp: 122201
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.165 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 95 Resp: 177162
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 75.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073312.D

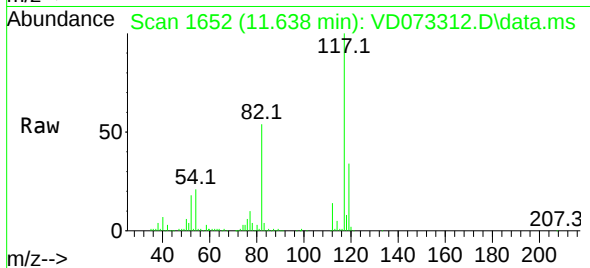
Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD



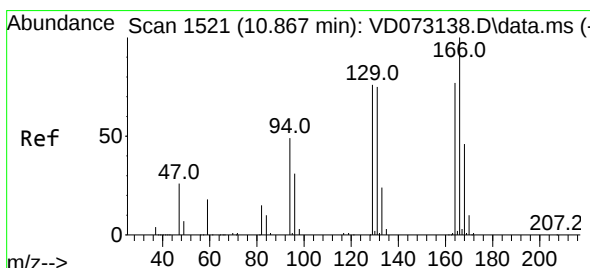
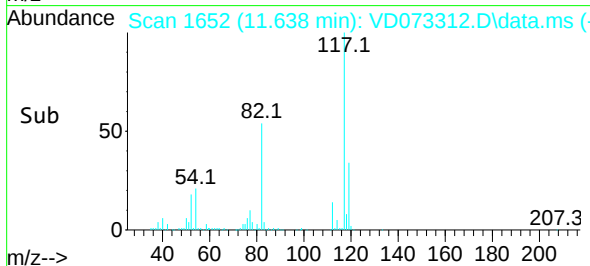
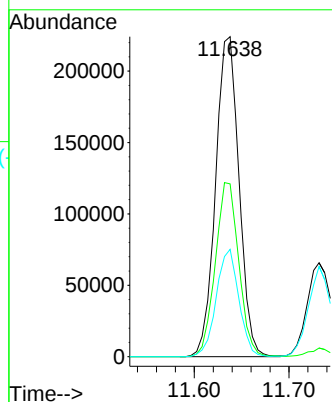
Tgt Ion:117 Resp: 385282

Ion Ratio Lower Upper

117 100

82 54.0 45.3 67.9

119 33.6 26.6 40.0



#64

Tetrachloroethene

Concen: 51.045 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Tgt Ion:164 Resp: 128813

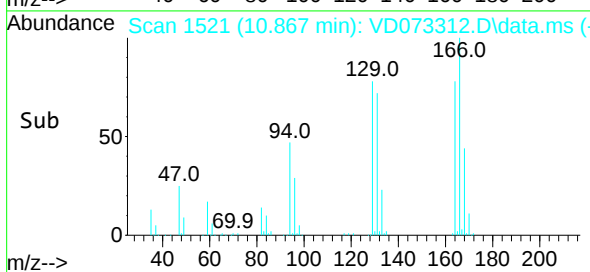
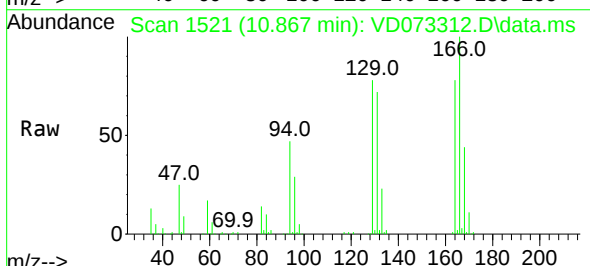
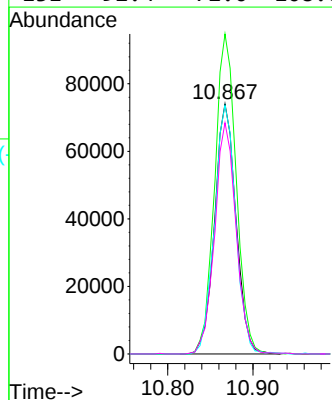
Ion Ratio Lower Upper

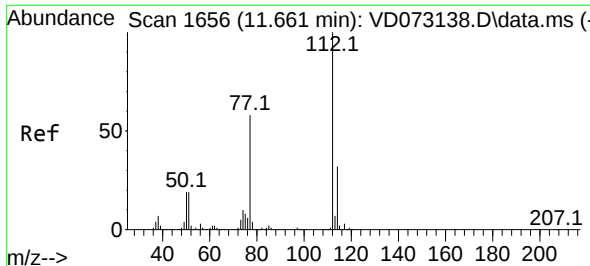
164 100

166 127.9 98.5 147.7

129 99.3 74.6 111.8

131 92.4 72.0 108.0

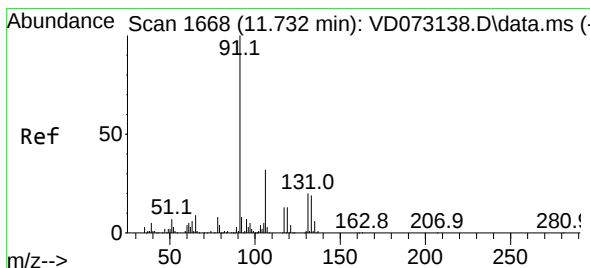
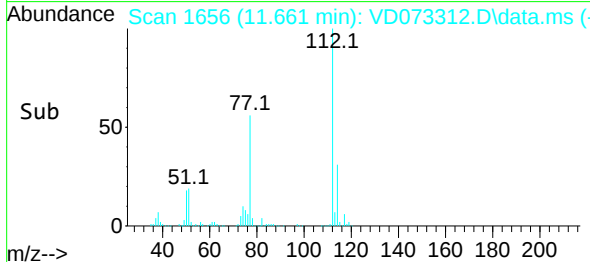
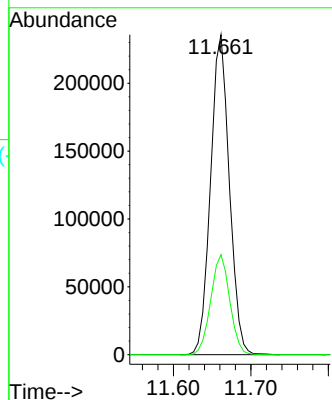
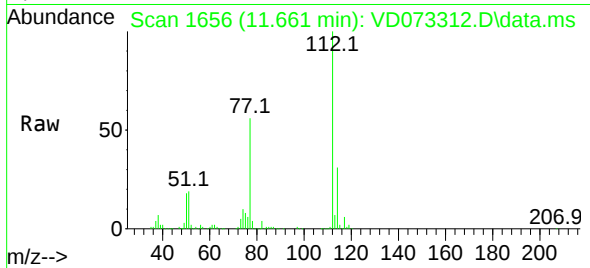




#65
Chlorobenzene
Concen: 50.307 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

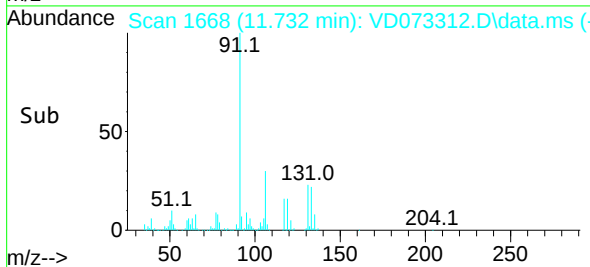
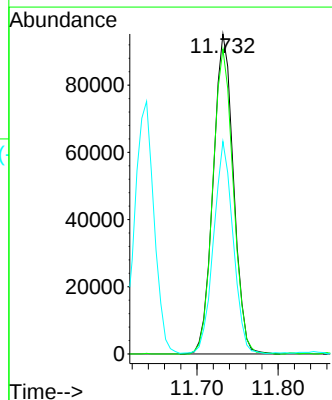
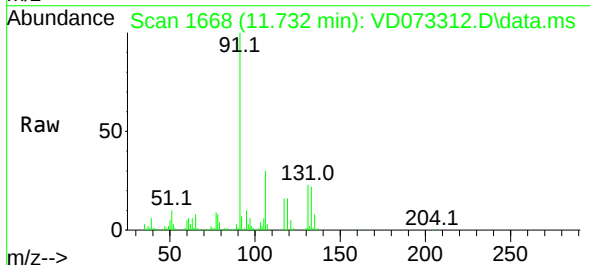
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

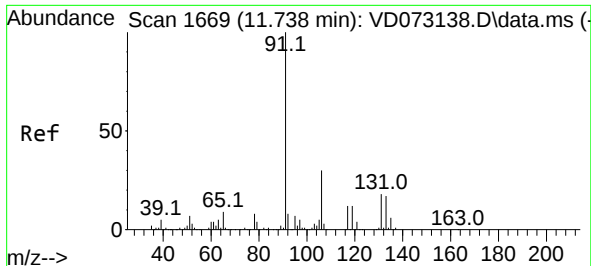
Tgt Ion:112 Resp: 397627
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 56.475 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:131 Resp: 165548
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 63.6 31.9 95.9

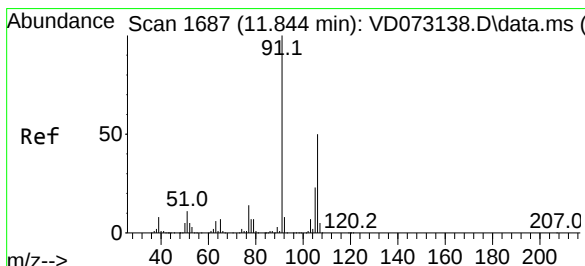
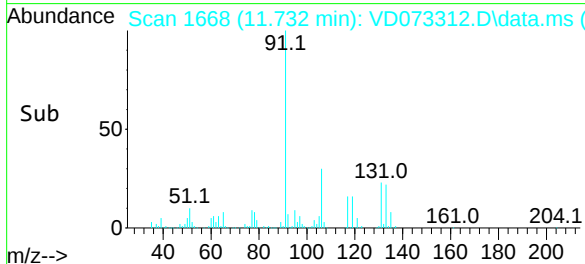
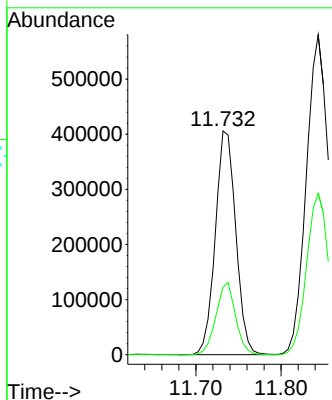
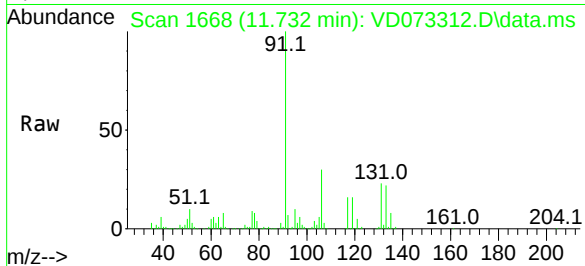




#67
Ethyl Benzene
Concen: 48.948 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

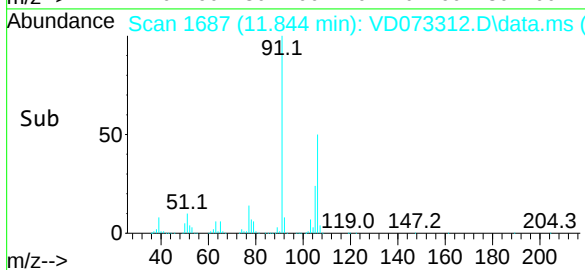
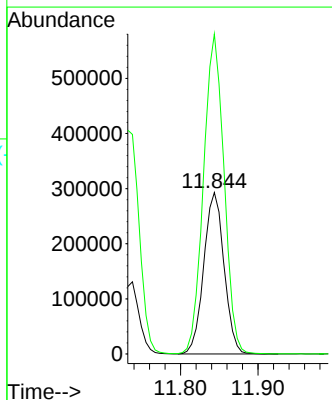
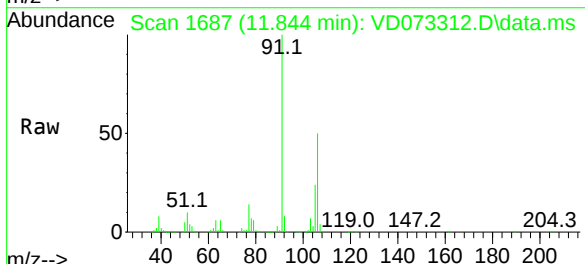
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

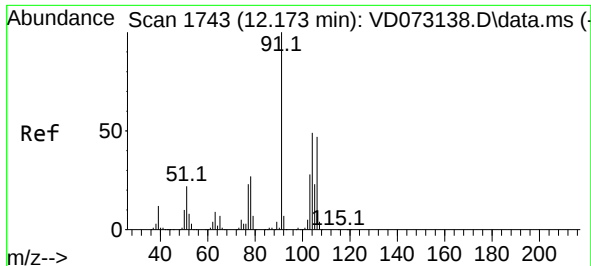
Tgt Ion: 91 Resp: 679160
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.4



#68
m/p-Xylenes
Concen: 98.677 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 106 Resp: 531935
Ion Ratio Lower Upper
106 100
91 200.6 163.7 245.5

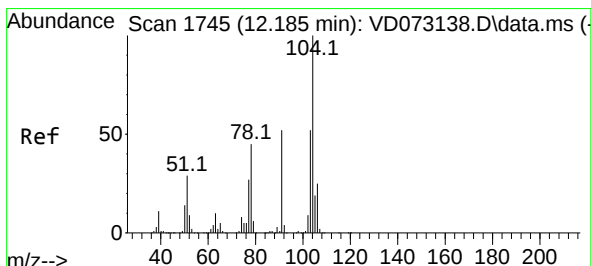
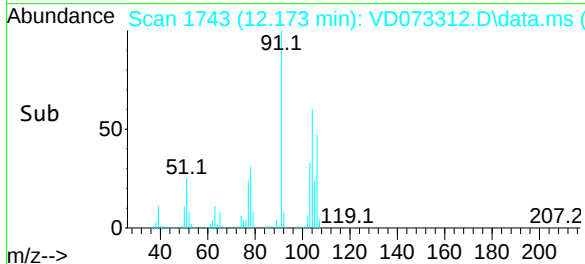
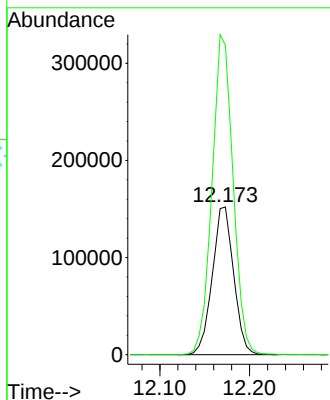
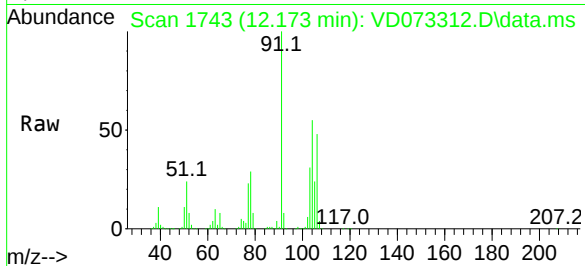




#69
o-Xylene
Concen: 50.793 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

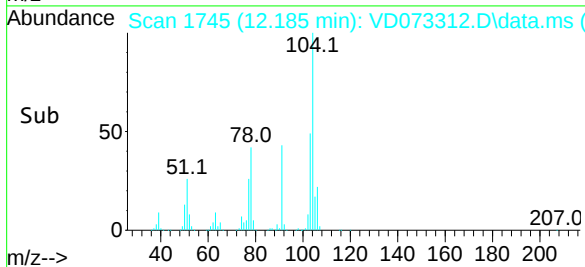
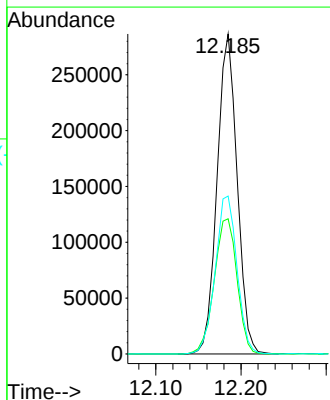
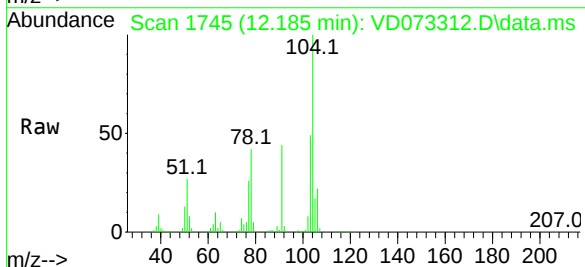
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

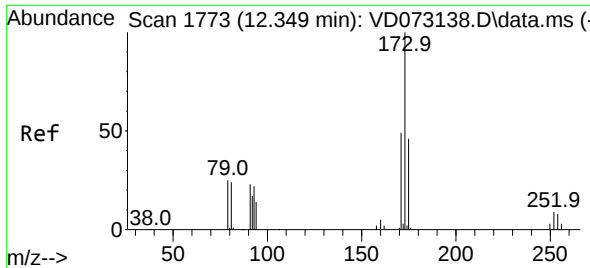
Tgt Ion:106 Resp: 251536
Ion Ratio Lower Upper
106 100
91 213.6 110.4 331.2



#70
Styrene
Concen: 55.112 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:104 Resp: 469563
Ion Ratio Lower Upper
104 100
78 48.0 41.8 62.8
103 53.6 44.2 66.4

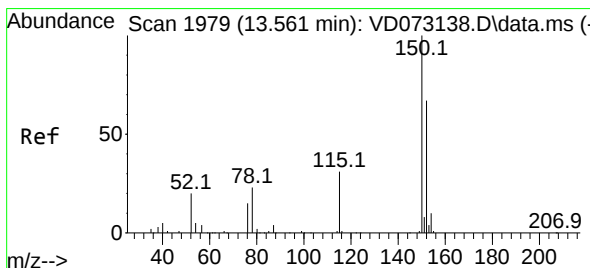
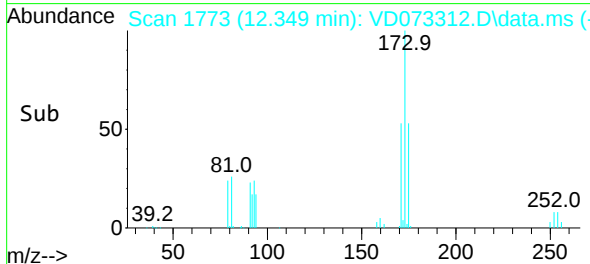
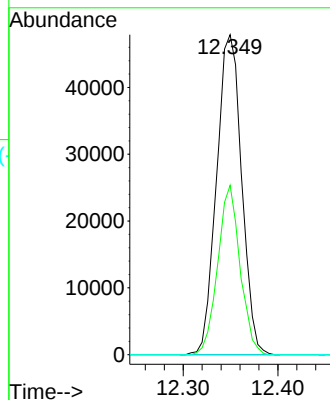
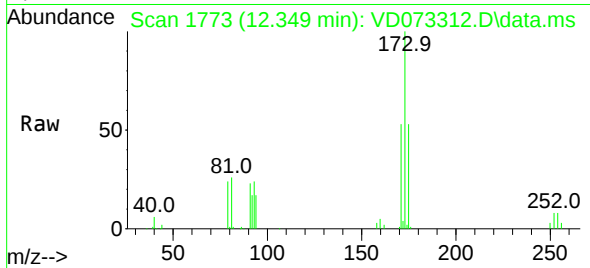




#71
Bromoform
Concen: 58.285 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

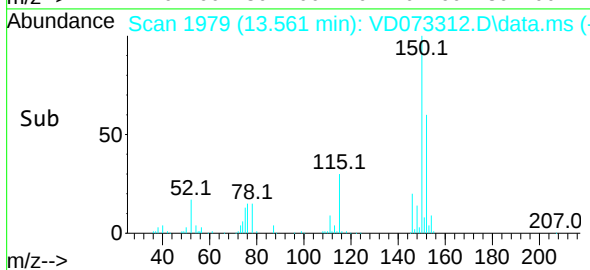
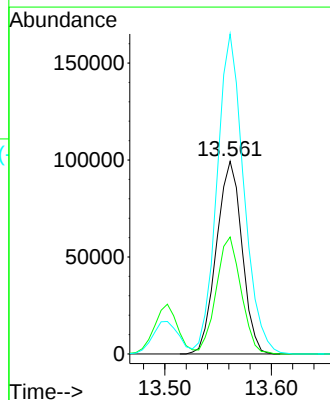
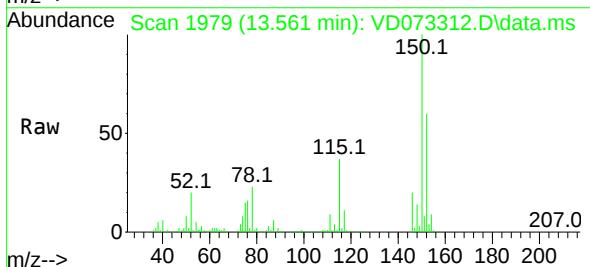
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

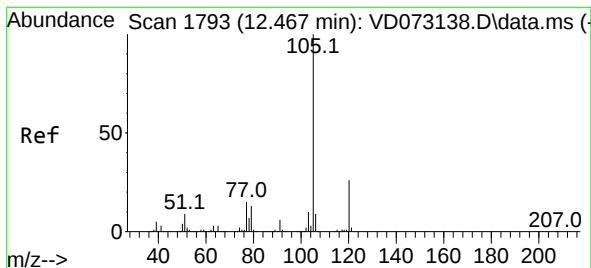
Tgt Ion:173 Resp: 87932
Ion Ratio Lower Upper
173 100
175 47.2 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:152 Resp: 165192
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 174.5 0.0 348.6





#73

Isopropylbenzene

Concen: 51.727 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

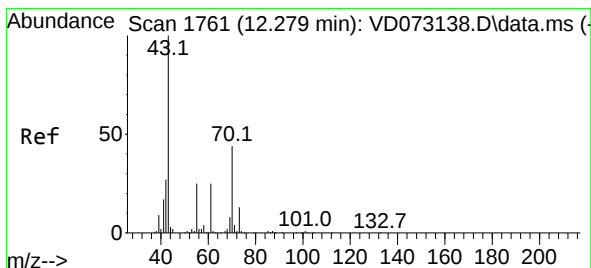
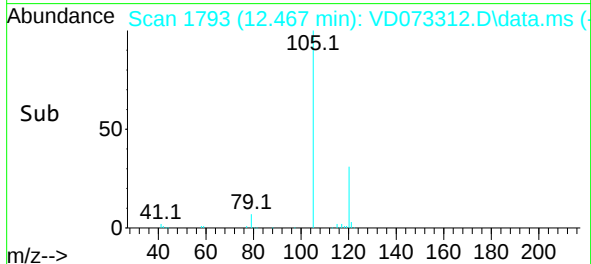
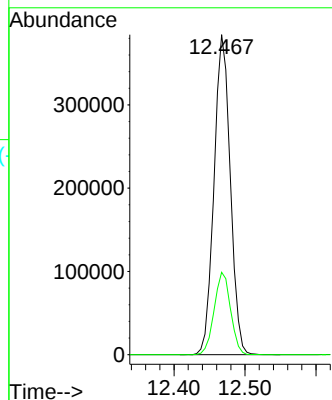
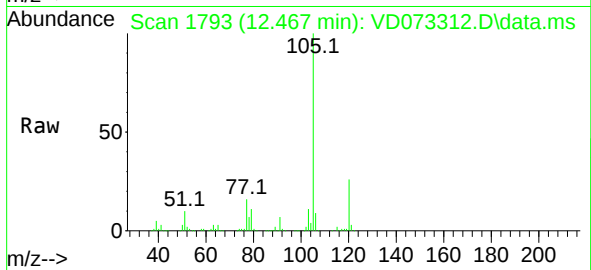
P043-SS001-0612-01MSD

Tgt Ion:105 Resp: 609156

Ion Ratio Lower Upper

105 100

120 26.0 13.0 38.9



#74

N-ethyl acetate

Concen: 26.492 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Tgt Ion: 43 Resp: 68059

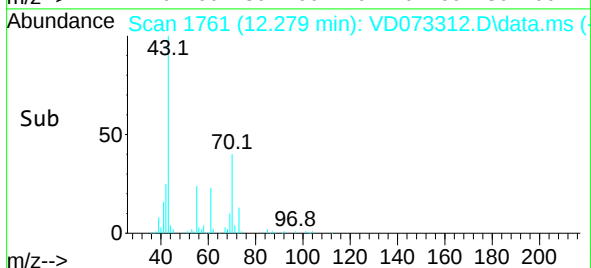
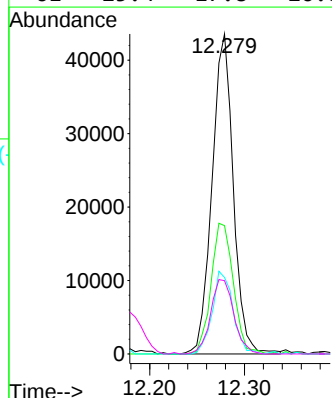
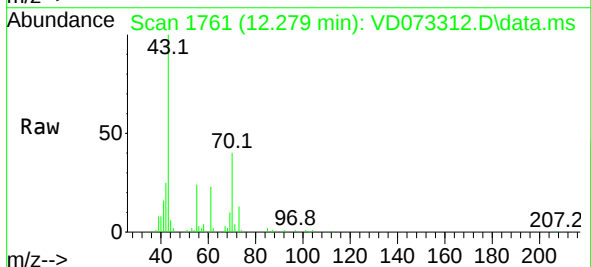
Ion Ratio Lower Upper

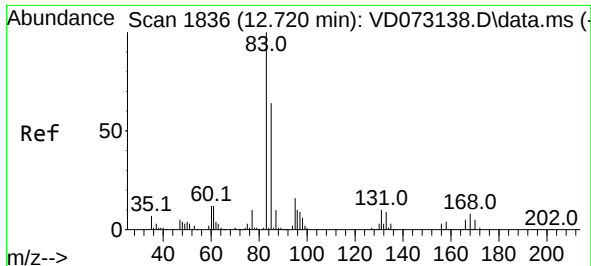
43 100

70 42.7 31.3 46.9

55 25.2 20.0 30.0

61 25.4 17.8 26.8

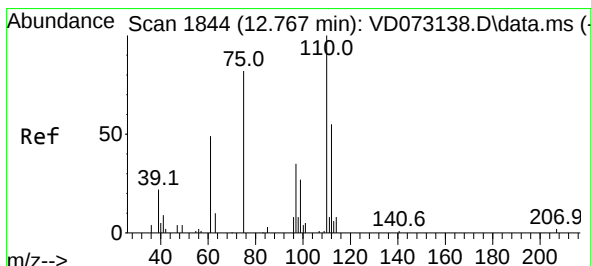
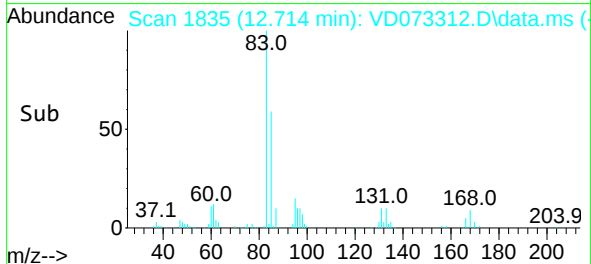
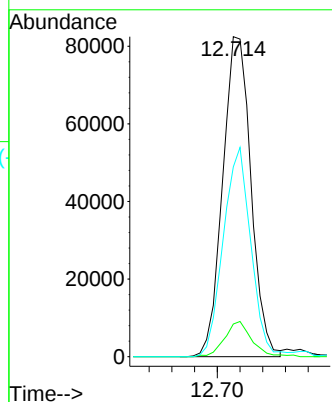
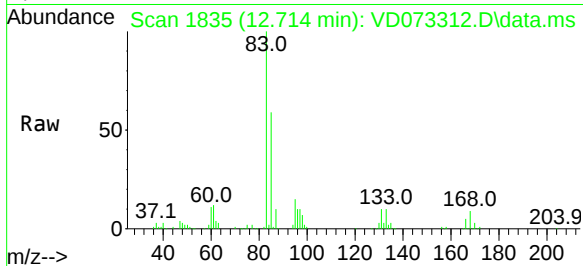




#75
1,1,2,2-Tetrachloroethane
Concen: 65.635 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

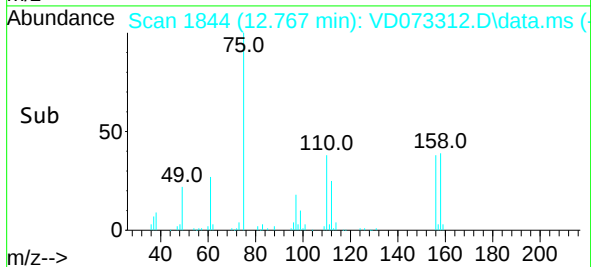
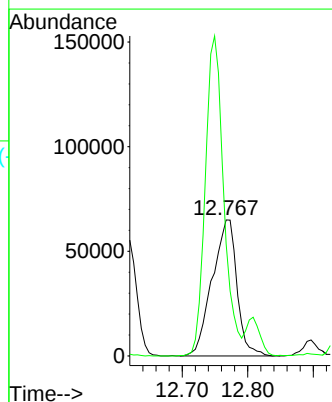
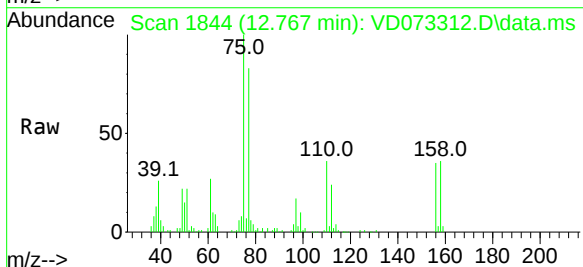
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

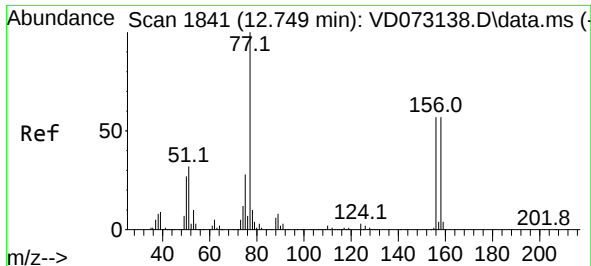
Tgt Ion: 83 Resp: 142554
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 63.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 105.045 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 75 Resp: 170259
Ion Ratio Lower Upper
75 100
77 175.5 0.0 0.0#

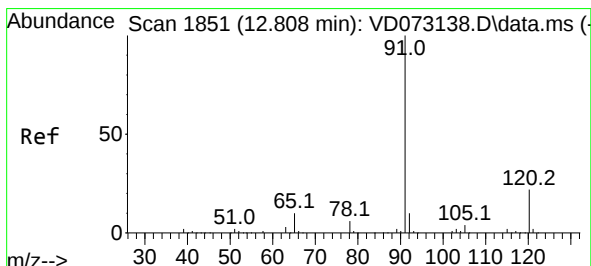
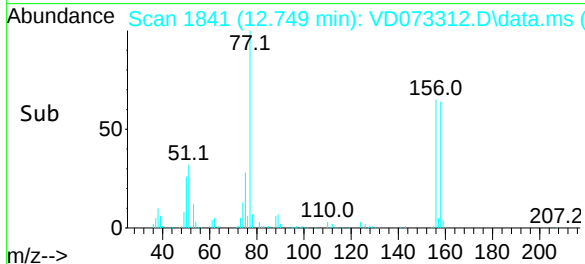
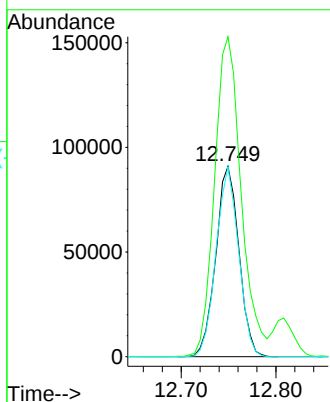
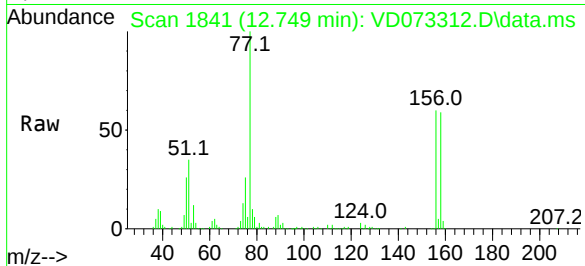




#77
Bromobenzene
Concen: 55.760 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

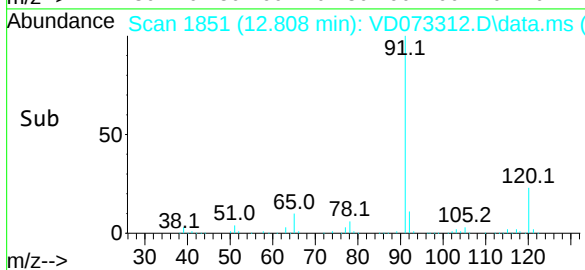
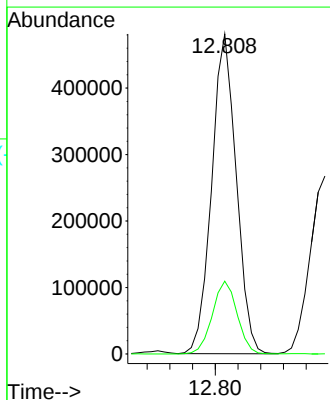
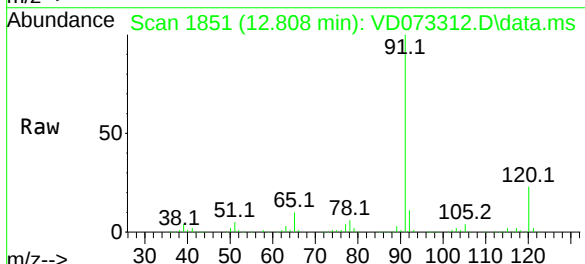
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

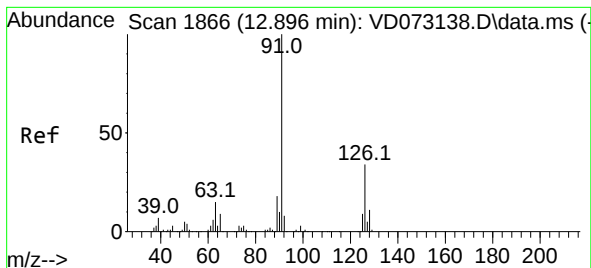
Tgt Ion:156 Resp: 154578
Ion Ratio Lower Upper
156 100
77 193.3 102.8 308.3
158 96.7 48.7 146.1



#78
n-propylbenzene
Concen: 48.896 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 91 Resp: 722895
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 52.040 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

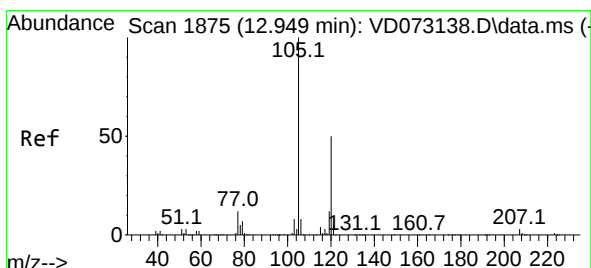
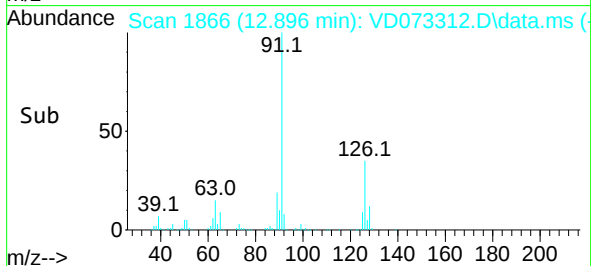
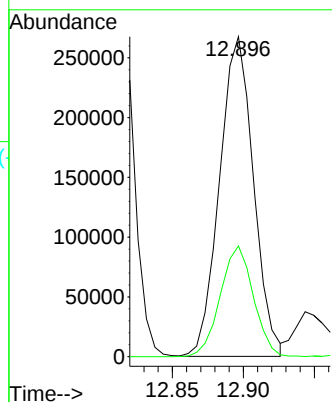
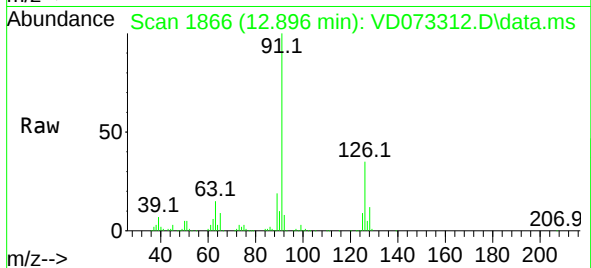
P043-SS001-0612-01MSD

Tgt Ion: 91 Resp: 444232

Ion Ratio Lower Upper

91 100

126 33.8 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 52.106 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073312.D

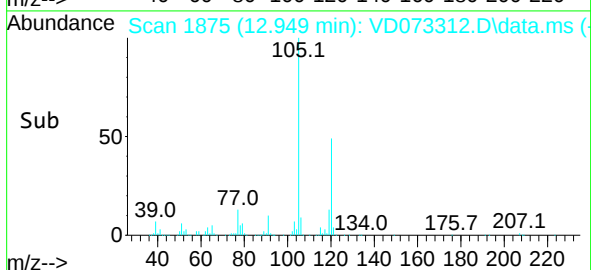
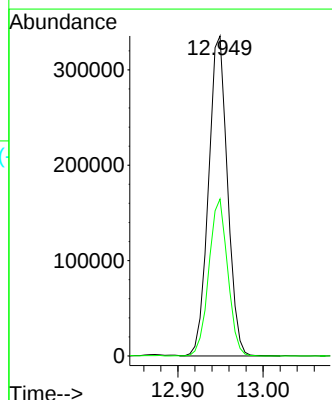
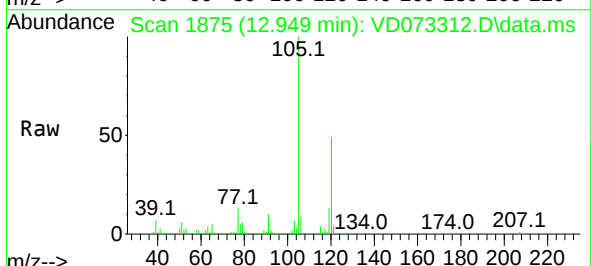
Acq: 24 May 2022 06:16

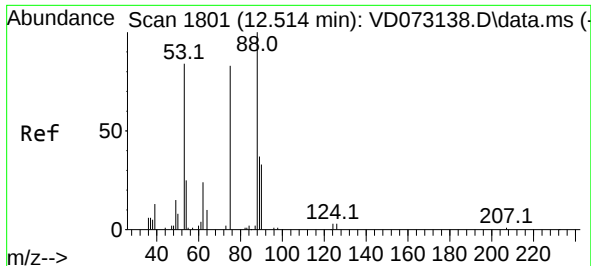
Tgt Ion: 105 Resp: 519797

Ion Ratio Lower Upper

105 100

120 48.7 24.3 72.8

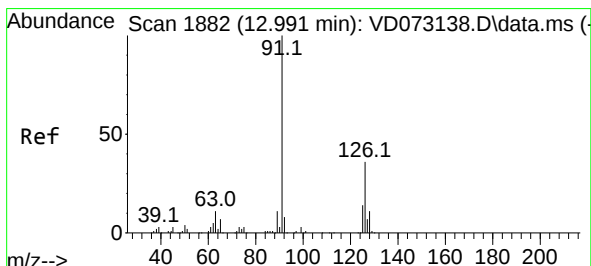
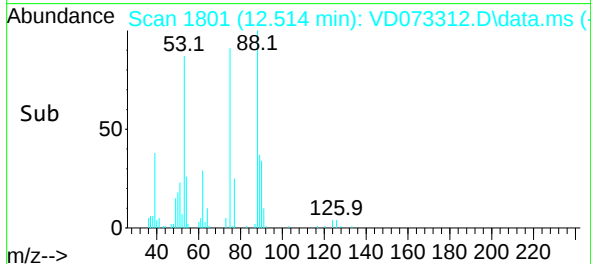
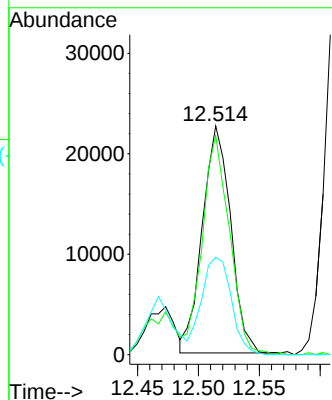
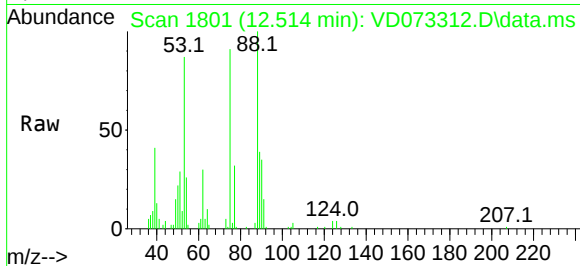




#81
trans-1,4-Dichloro-2-butene
Concen: 54.236 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

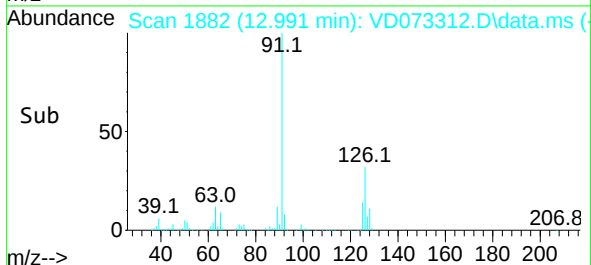
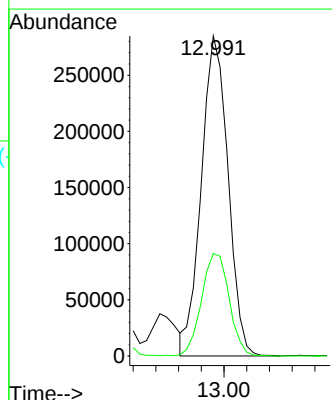
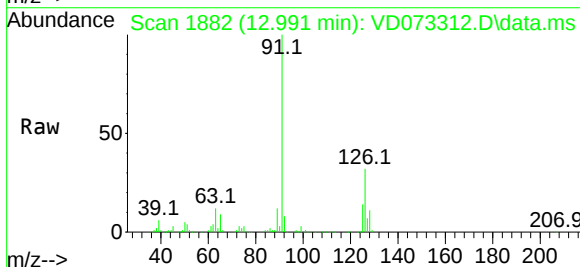
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

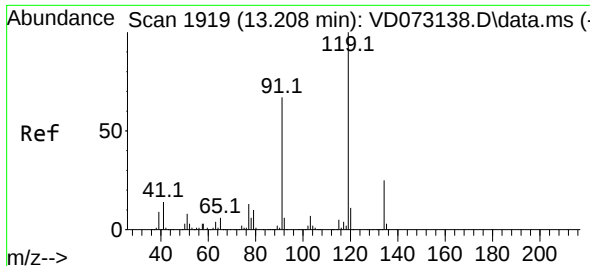
Tgt Ion: 75 Resp: 36617
Ion Ratio Lower Upper
75 100
53 93.7 86.5 129.7
89 45.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.986 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 91 Resp: 465143
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5

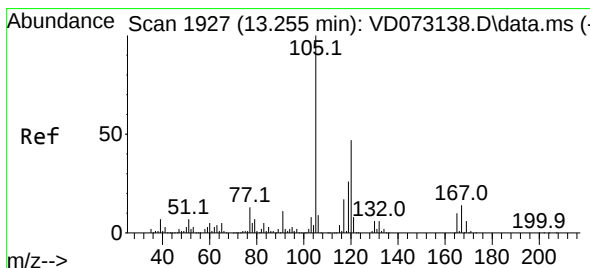
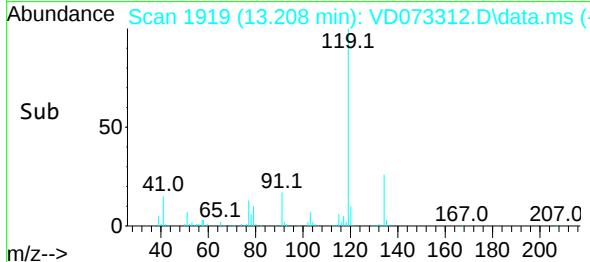
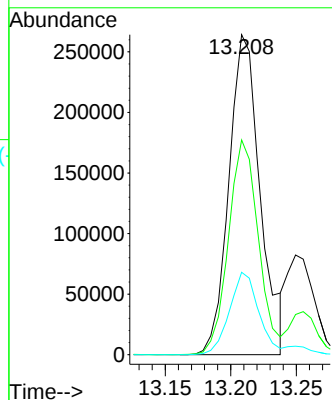
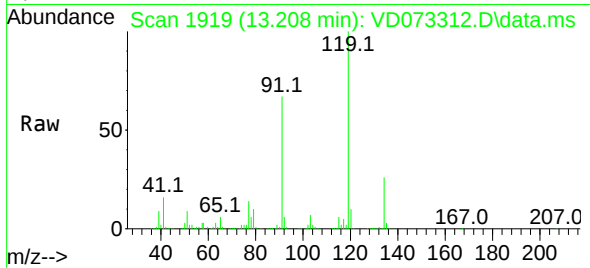




#83
tert-Butylbenzene
Concen: 52.197 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

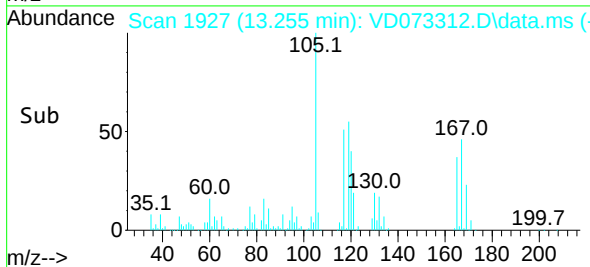
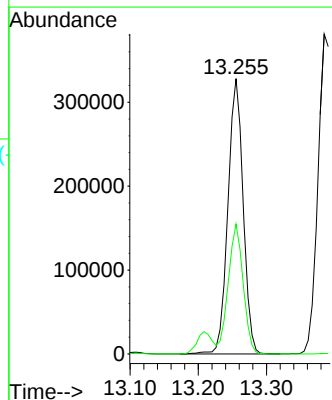
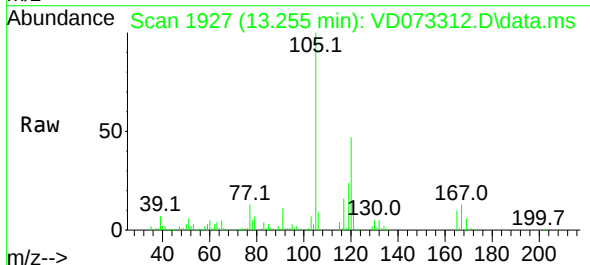
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

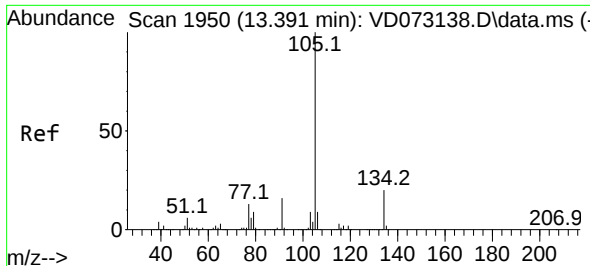
Tgt Ion:119 Resp: 438851
Ion Ratio Lower Upper
119 100
91 64.3 34.8 104.5
134 26.2 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 51.728 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:105 Resp: 509787
Ion Ratio Lower Upper
105 100
120 46.1 22.3 66.8

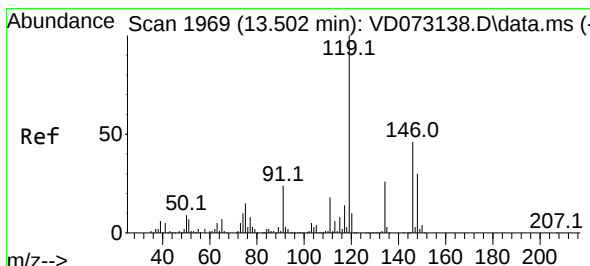
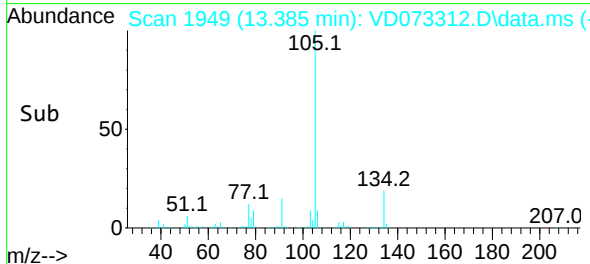
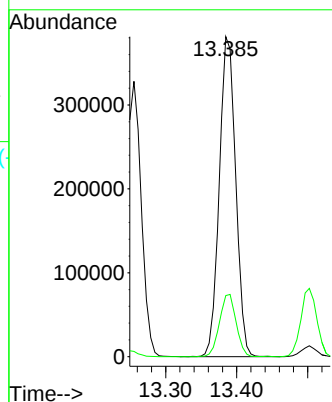
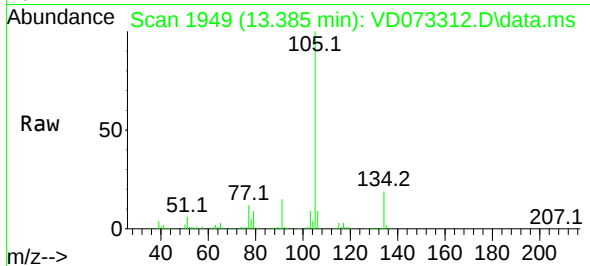




#85
 sec-Butylbenzene
 Concen: 47.469 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

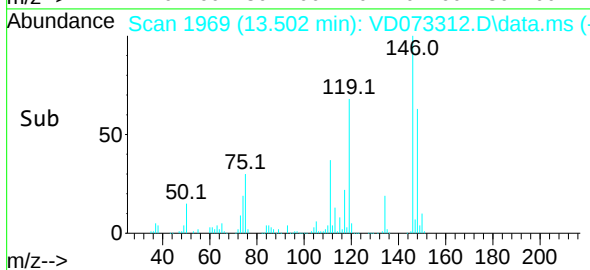
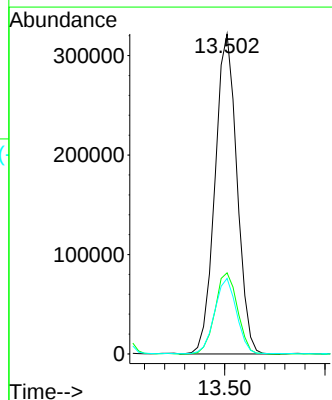
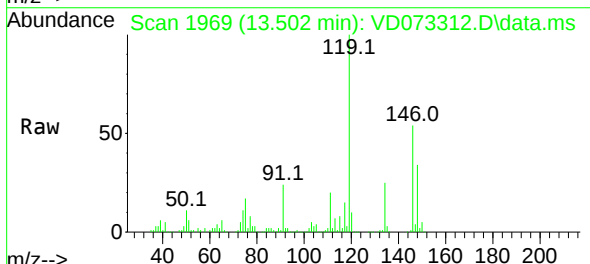
Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-0612-01MSD

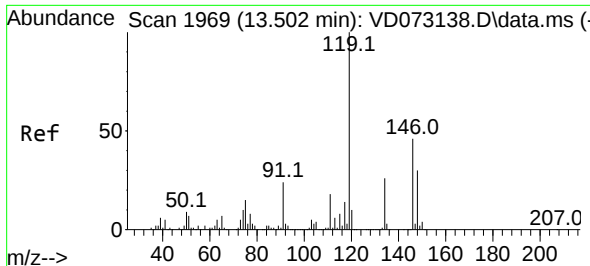
Tgt Ion:105 Resp: 609384
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 46.743 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073312.D
 Acq: 24 May 2022 06:16

Tgt Ion:119 Resp: 489154
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.6
 91 23.4 12.1 36.3

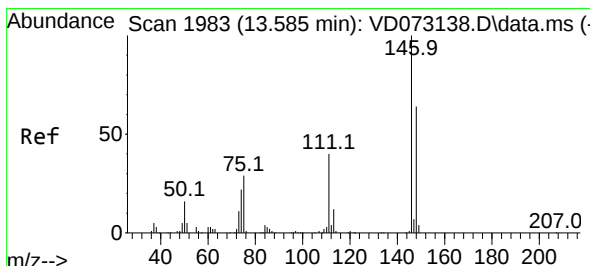
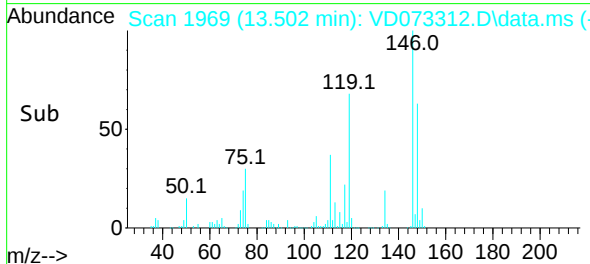
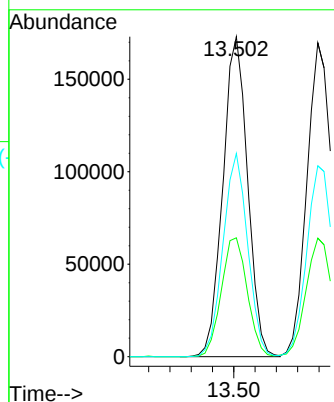
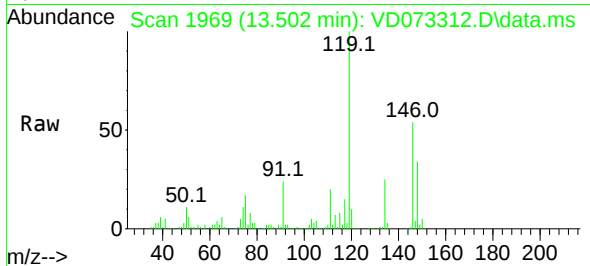




#87
1,3-Dichlorobenzene
Concen: 49.910 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

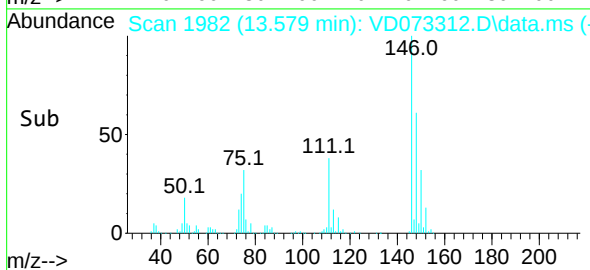
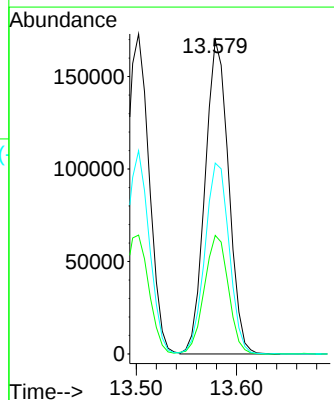
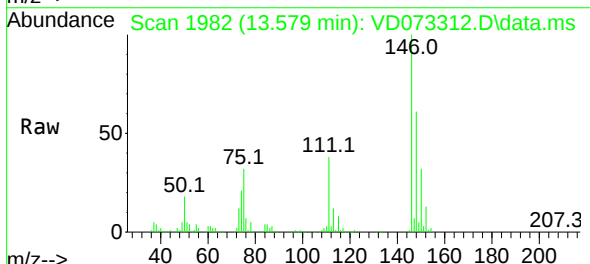
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

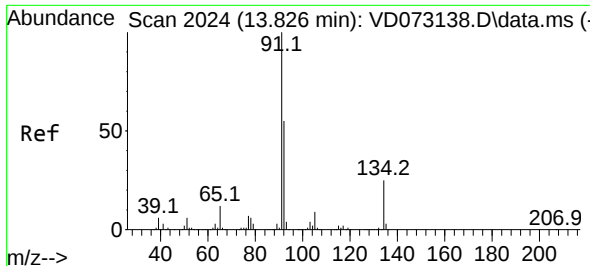
Tgt Ion:146 Resp: 278885
Ion Ratio Lower Upper
146 100
111 39.0 20.4 61.3
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.090 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:146 Resp: 276894
Ion Ratio Lower Upper
146 100
111 38.7 20.3 60.9
148 62.7 31.7 95.1

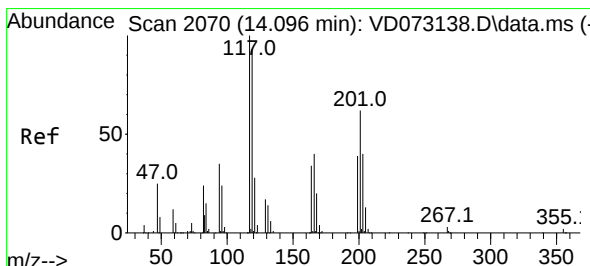
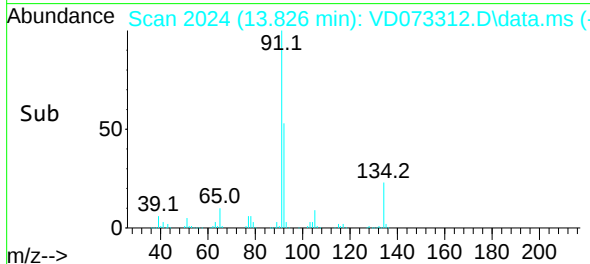
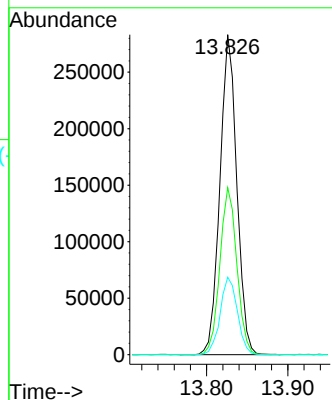
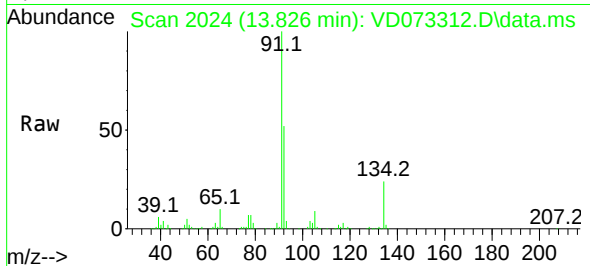




#89
n-Butylbenzene
Concen: 41.122 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

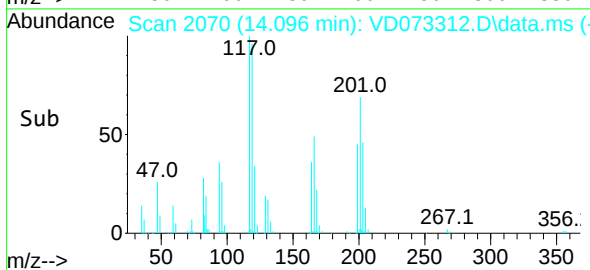
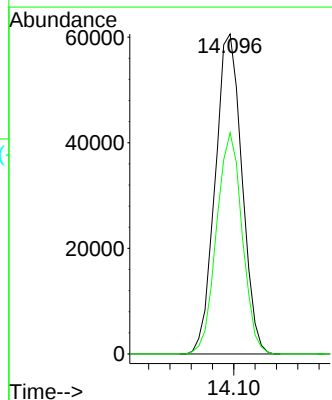
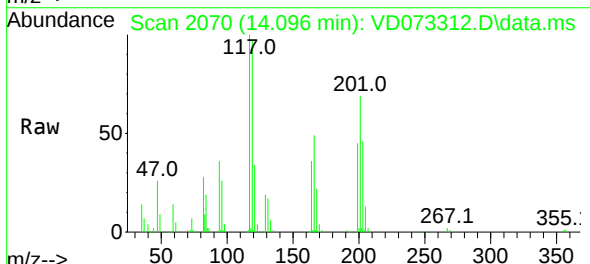
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

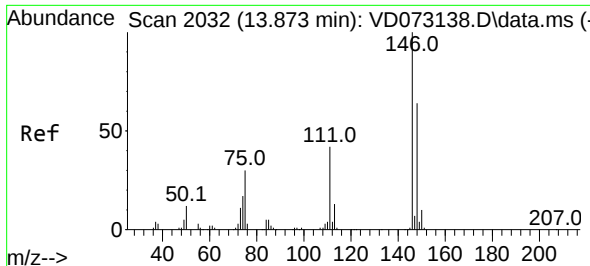
Tgt Ion: 91 Resp: 410023
Ion Ratio Lower Upper
91 100
92 52.5 26.6 79.8
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 48.822 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 117 Resp: 105716
Ion Ratio Lower Upper
117 100
201 66.3 33.4 100.2

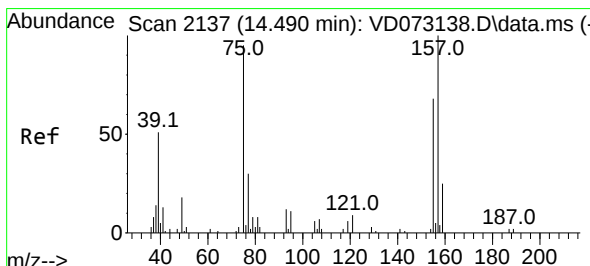
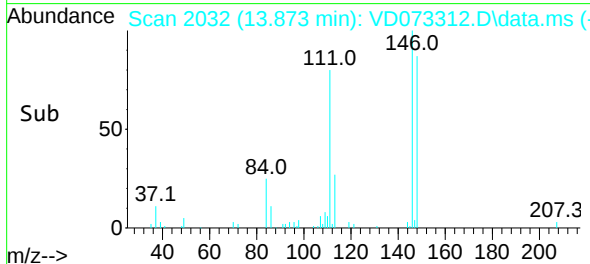
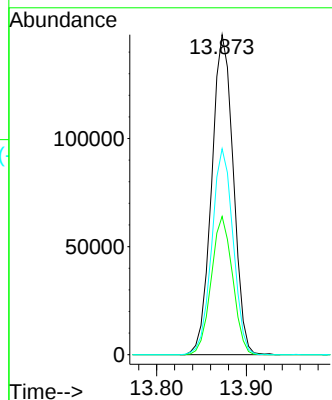
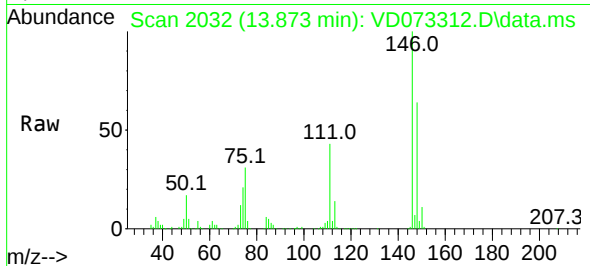




#91
1,2-Dichlorobenzene
Concen: 51.272 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

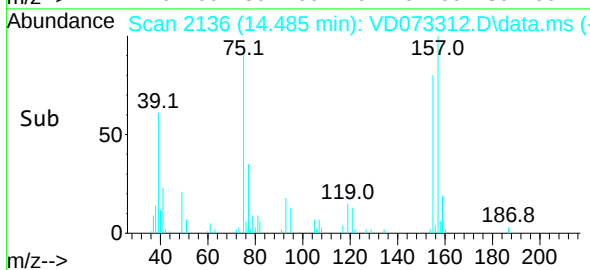
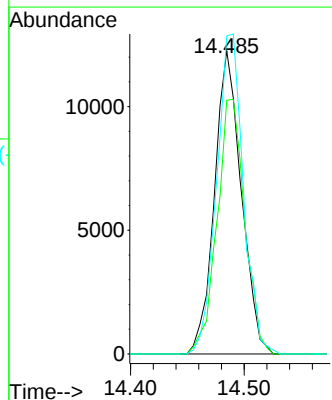
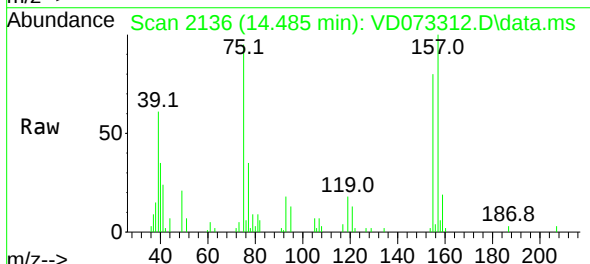
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

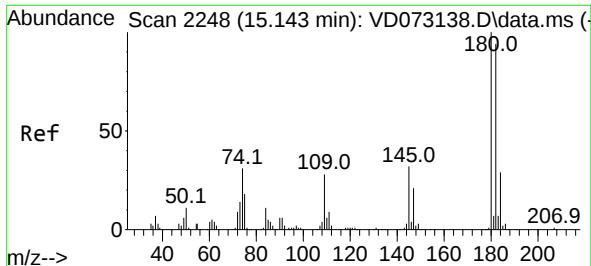
Tgt Ion:146 Resp: 247881
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.3
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 60.485 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion: 75 Resp: 20118
Ion Ratio Lower Upper
75 100
155 86.7 36.8 110.3
157 105.3 48.4 145.0

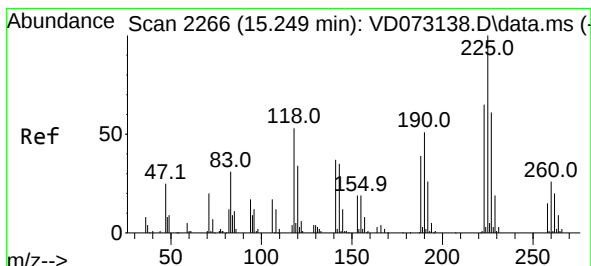
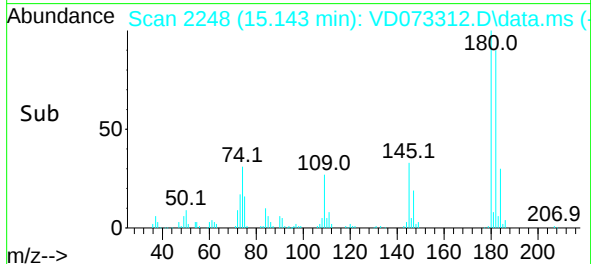
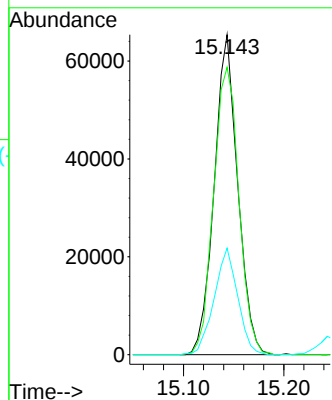
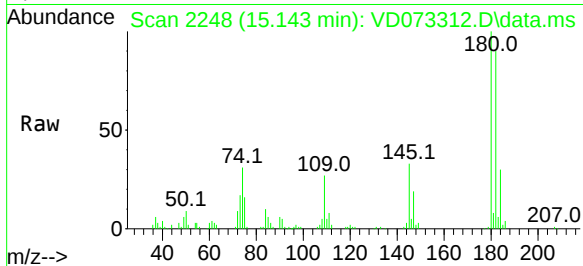




#93
1,2,4-Trichlorobenzene
Concen: 38.822 ug/l
RT: 15.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

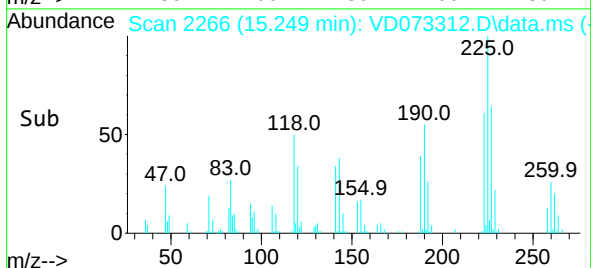
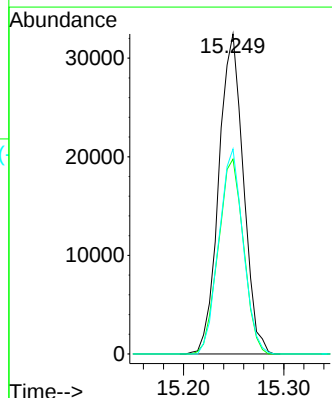
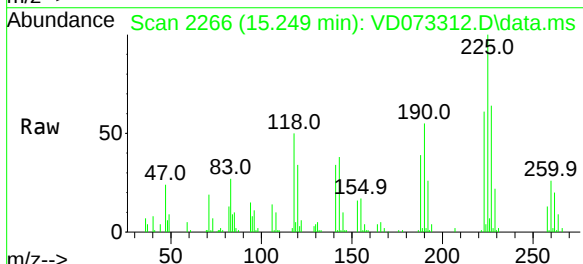
Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-0612-01MSD

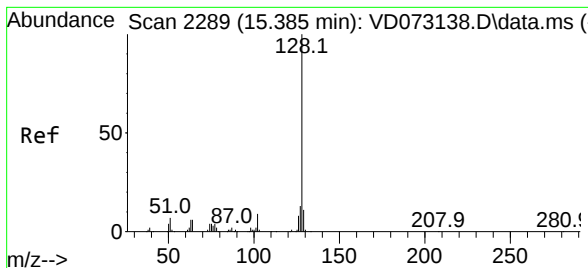
Tgt Ion:180 Resp: 106559
Ion Ratio Lower Upper
180 100
182 96.6 47.3 142.0
145 33.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 35.621 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073312.D
Acq: 24 May 2022 06:16

Tgt Ion:225 Resp: 55096
Ion Ratio Lower Upper
225 100
223 62.4 31.1 93.2
227 63.4 32.4 97.0





#95

Naphthalene

Concen: 46.495 ug/l

RT: 15.379 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Instrument :

MSVOA_D

ClientSampleId :

P043-SS001-0612-01MSD

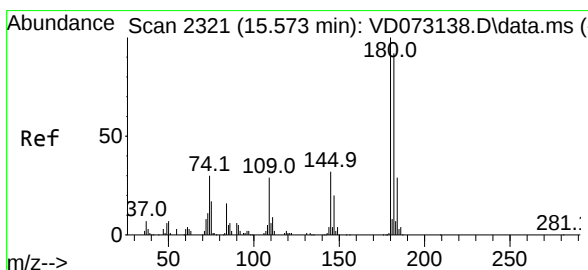
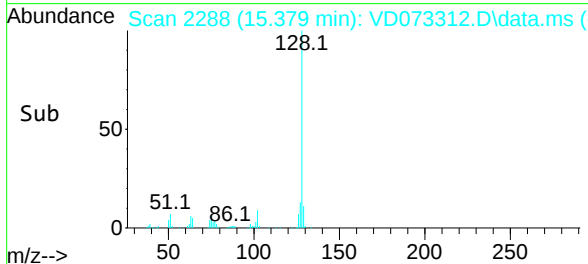
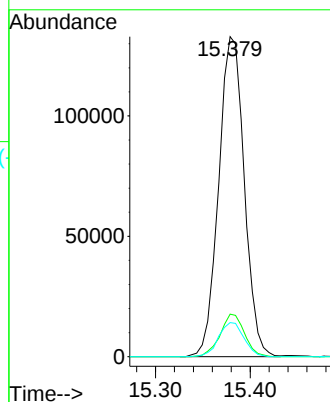
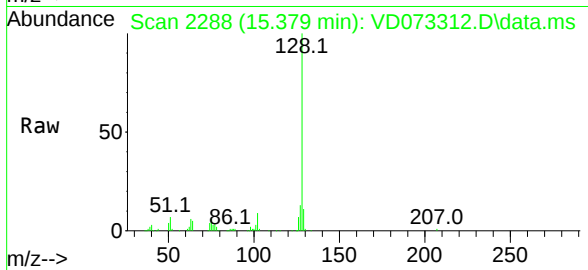
Tgt Ion:128 Resp: 249896

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 40.613 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073312.D

Acq: 24 May 2022 06:16

Tgt Ion:180 Resp: 98824

Ion Ratio Lower Upper

180 100

182 92.9 47.6 142.9

145 34.1 17.1 51.3

