

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073246.D
 Acq On : 21 May 2022 23:17
 Operator : VA/SY
 Sample : M2920-11MS
 Misc : 5.28G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01MS

Quant Time: May 22 01:35:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	242372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	434539	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	412937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	193583	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159253	59.455	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.900%	
35) Dibromofluoromethane	7.903	113	161914	56.468	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.940%	
50) Toluene-d8	10.332	98	586645	55.502	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.000%	
62) 4-Bromofluorobenzene	12.620	95	196800	53.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	108890	44.961	ug/l	93
3) Chloromethane	2.209	50	119983	43.813	ug/l	97
4) Vinyl Chloride	2.344	62	111886	44.680	ug/l	100
5) Bromomethane	2.756	94	76272	47.292	ug/l	91
6) Chloroethane	2.915	64	76852	49.923	ug/l	94
7) Trichlorofluoromethane	3.262	101	218528	49.352	ug/l	98
8) Diethyl Ether	3.709	74	69127	56.814	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	120375	45.563	ug/l	96
10) Methyl Iodide	4.291	142	113051	39.661	ug/l	98
11) Tert butyl alcohol	5.215	59	56332	135.551	ug/l #	86
12) 1,1-Dichloroethene	4.062	96	117102	48.076	ug/l	90
13) Acrolein	3.921	56	13857	71.781	ug/l	92
14) Allyl chloride	4.709	41	196560	49.993	ug/l #	90
15) Acrylonitrile	5.420	53	140962	253.357	ug/l	96
16) Acetone	4.156	43	147890	318.761	ug/l	90
17) Carbon Disulfide	4.403	76	351585	43.542	ug/l	99
18) Methyl Acetate	4.715	43	117888	91.378	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	317020	57.131	ug/l	100
20) Methylene Chloride	4.956	84	169152	58.129	ug/l #	85
21) trans-1,2-Dichloroethene	5.456	96	152460	51.768	ug/l	89
22) Diisopropyl ether	6.362	45	446921	54.224	ug/l #	86
23) Vinyl Acetate	6.309	43	96542	21.960	ug/l	96
24) 1,1-Dichloroethane	6.256	63	282728	53.442	ug/l	99
25) 2-Butanone	7.209	43	195518	288.043	ug/l	91
26) 2,2-Dichloropropane	7.197	77	187801	41.625	ug/l	93
27) cis-1,2-Dichloroethene	7.197	96	175692	53.914	ug/l	89
28) Bromochloromethane	7.538	49	106163	58.248	ug/l #	82
29) Tetrahydrofuran	7.556	42	118673	270.380	ug/l	93
30) Chloroform	7.703	83	304588	55.147	ug/l	99
31) Cyclohexane	7.979	56	198865	42.485	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	247983	51.335	ug/l	97
36) 1,1-Dichloropropene	8.103	75	204738	47.476	ug/l	96
37) Ethyl Acetate	7.285	43	38656	22.693	ug/l #	79
38) Carbon Tetrachloride	8.091	117	211922	48.479	ug/l	99
39) Methylcyclohexane	9.350	83	181445	37.753	ug/l	97
40) Benzene	8.344	78	627685	50.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	36878	37.158	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	183612	53.094	ug/l	95
43) Isopropyl Acetate	8.444	43	105640	33.552	ug/l #	81
44) Trichloroethene	9.103	130	165075	49.807	ug/l	95
45) 1,2-Dichloropropane	9.379	63	165198	52.779	ug/l	98
46) Dibromomethane	9.467	93	90647	52.731	ug/l	96
47) Bromodichloromethane	9.656	83	237607	54.019	ug/l	98
48) Methyl methacrylate	9.450	41	88255	55.714	ug/l #	85
49) 1,4-Dioxane	9.456	88	20120	1133.347	ug/l	93
51) 4-Methyl-2-Pentanone	10.220	43	440176	269.175	ug/l	93
52) Toluene	10.397	92	412573	52.531	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	199857	50.294	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	236386	49.710	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	127783	54.969	ug/l	97
56) Ethyl methacrylate	10.650	69	79844	30.892	ug/l #	86
57) 1,3-Dichloropropane	10.932	76	211720	54.280	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	347962	280.481	ug/l	95
59) 2-Hexanone	10.973	43	296350	274.878	ug/l	96
60) Dibromochloromethane	11.132	129	155983	53.813	ug/l	99
61) 1,2-Dibromoethane	11.238	107	117098	52.715	ug/l	99
64) Tetrachloroethene	10.867	164	182924	67.633	ug/l	96
65) Chlorobenzene	11.655	112	419046	49.467	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	164717	52.428	ug/l	98
67) Ethyl Benzene	11.732	91	741216	49.843	ug/l	99
68) m/p-Xylenes	11.844	106	577143	99.893	ug/l	98
69) o-Xylene	12.167	106	274687	51.753	ug/l	95
70) Styrene	12.185	104	482020	52.786	ug/l	97
71) Bromoform	12.344	173	85488	52.870	ug/l #	97
73) Isopropylbenzene	12.467	105	668299	48.426	ug/l	99
74) N-amyl acetate	12.273	43	49621	16.482	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	135680	53.308	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	166520	87.671	ug/l #	100
77) Bromobenzene	12.749	156	165931	51.077	ug/l	94
78) n-propylbenzene	12.808	91	823918	47.556	ug/l	100
79) 2-Chlorotoluene	12.891	91	493582	49.341	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	573331	49.043	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	36661	46.337	ug/l	90
82) 4-Chlorotoluene	12.991	91	518715	49.471	ug/l	99
83) tert-Butylbenzene	13.208	119	462794	46.972	ug/l	95
84) 1,2,4-Trimethylbenzene	13.249	105	572114	49.539	ug/l	98
85) sec-Butylbenzene	13.385	105	650199	43.220	ug/l	99
86) p-Isopropyltoluene	13.502	119	544497	44.400	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	311751	47.609	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	310250	46.937	ug/l	100
89) n-Butylbenzene	13.826	91	463930	39.704	ug/l	100
90) Hexachloroethane	14.096	117	111564	43.966	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	277803	49.033	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	20460	52.492	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	126821	39.428	ug/l	99
94) Hexachlorobutadiene	15.243	225	46591	25.705	ug/l	97
95) Naphthalene	15.379	128	254442	40.862	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	111527	39.111	ug/l	99

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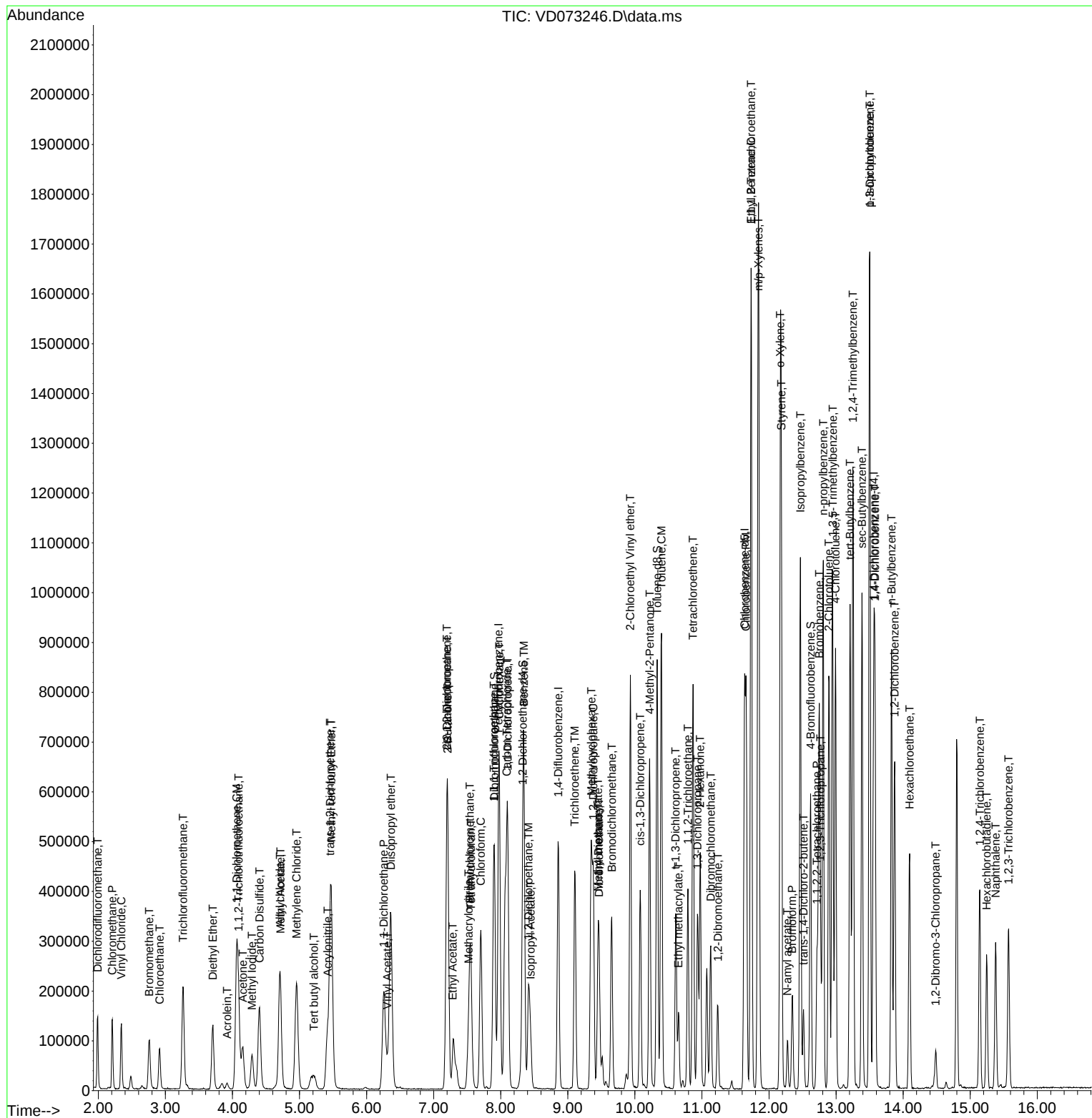
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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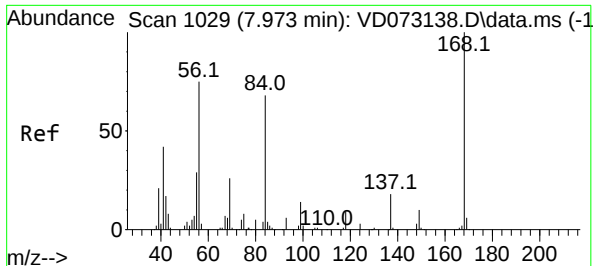
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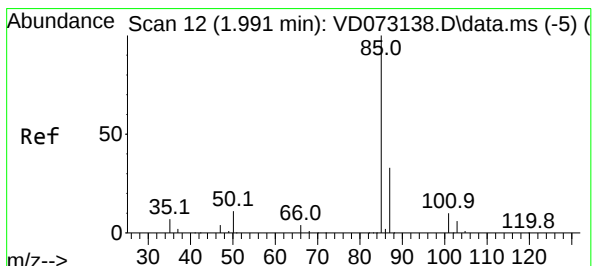
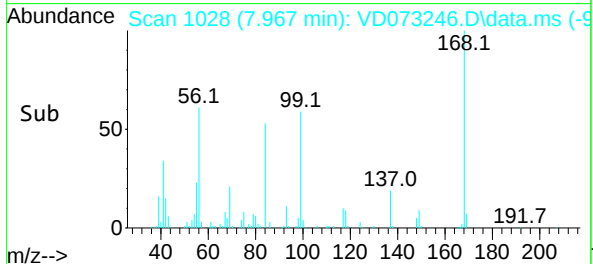
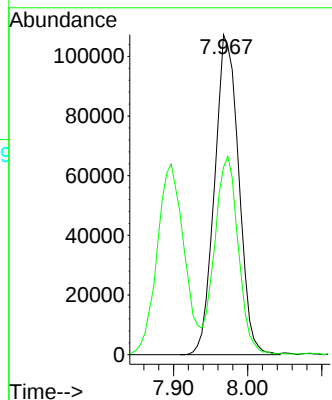
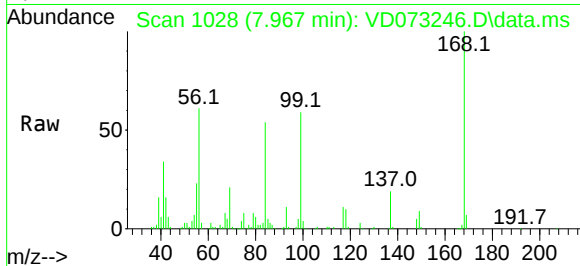




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073246.D
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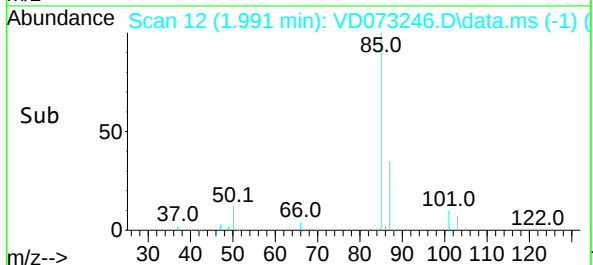
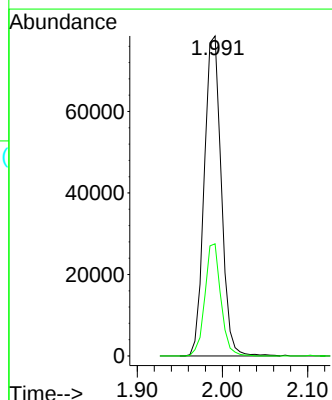
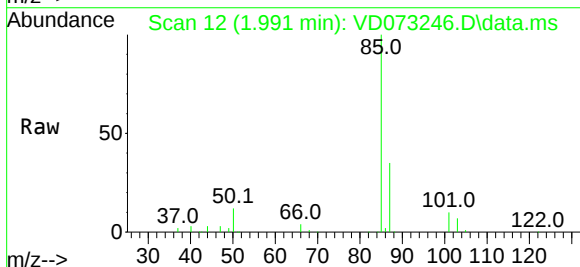
Instrument :
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ClientSampleId :
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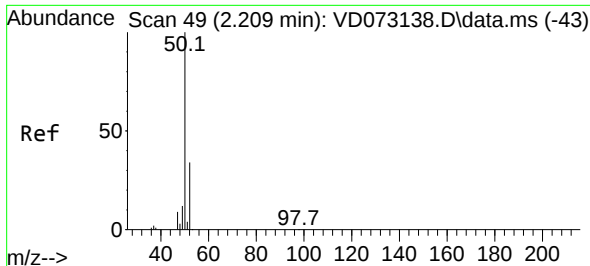
Tgt Ion:168 Resp: 242372
Ion Ratio Lower Upper
168 100
99 58.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.961 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 85 Resp: 108890
Ion Ratio Lower Upper
85 100
87 35.1 15.7 47.0

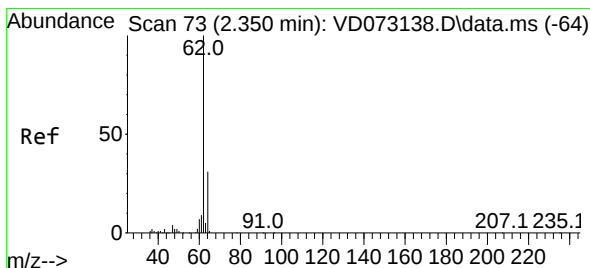
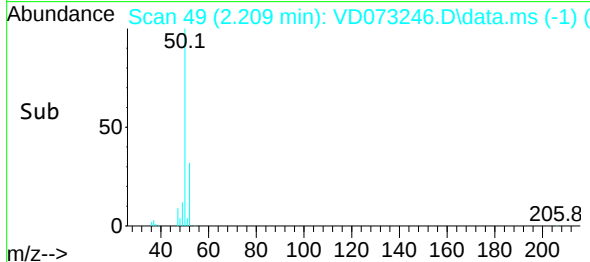
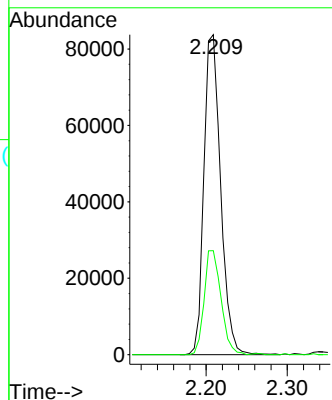
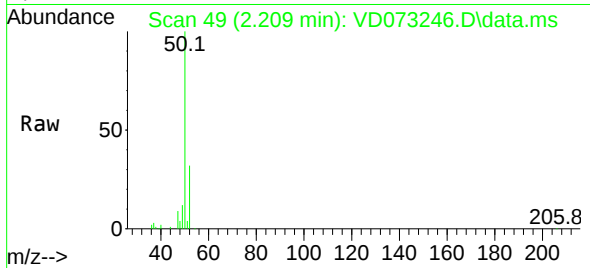




#3
Chloromethane
Concen: 43.813 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

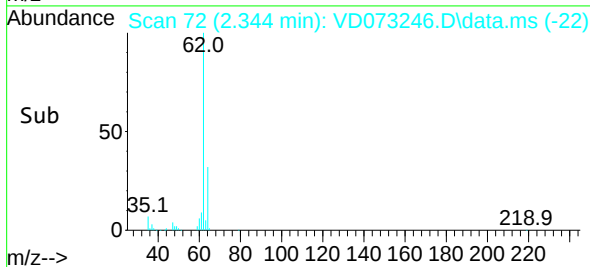
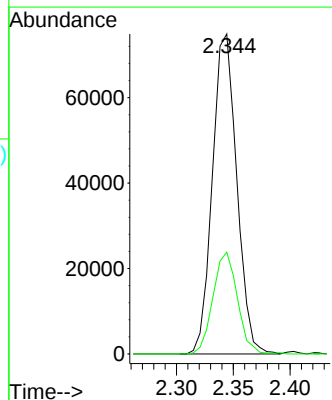
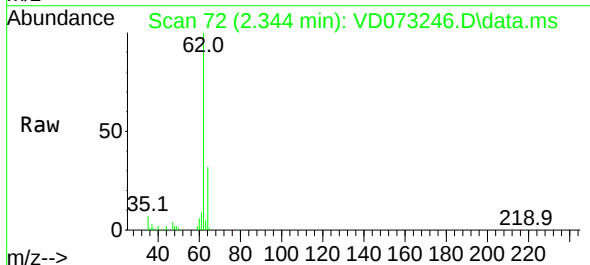
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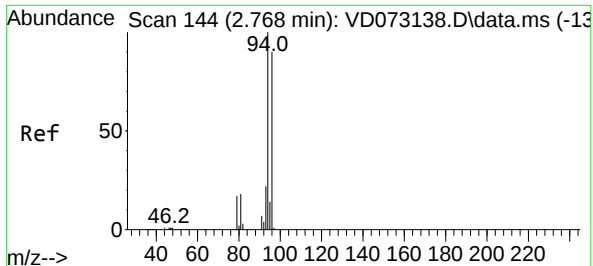
Tgt Ion: 50 Resp: 119983
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 44.680 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 62 Resp: 111886
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

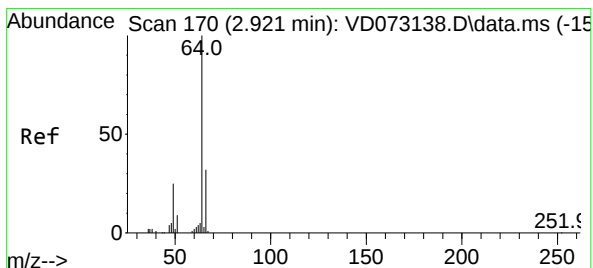
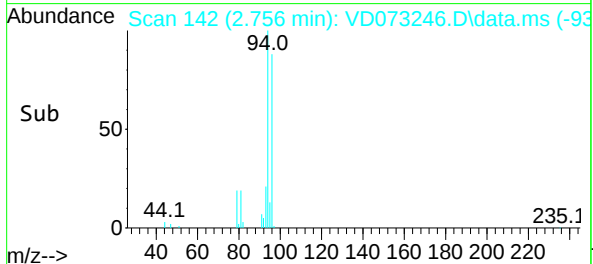
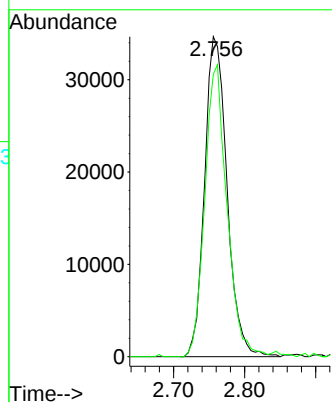
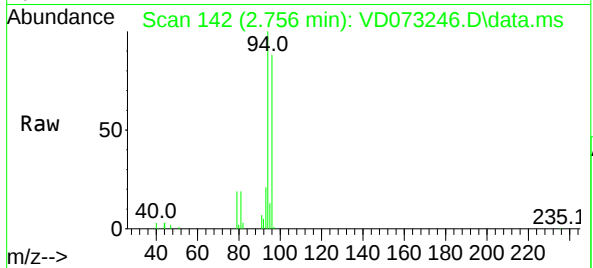




#5
Bromomethane
Concen: 47.292 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD073246.D
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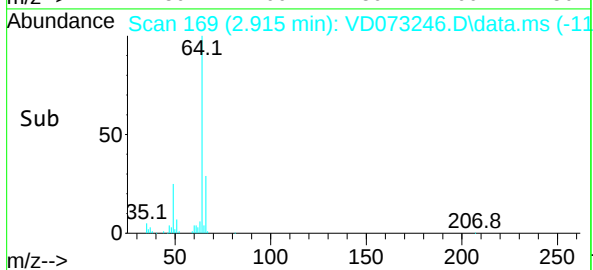
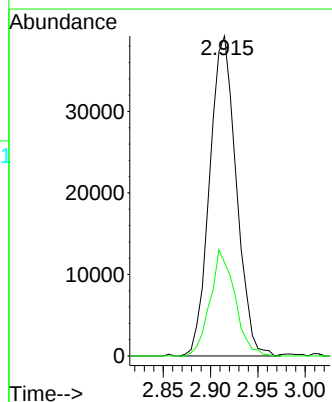
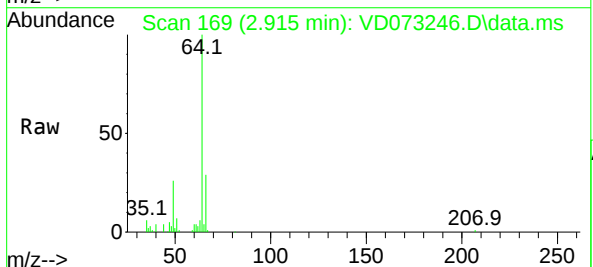
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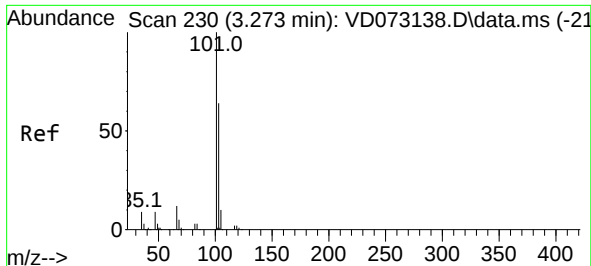
Tgt Ion: 94 Resp: 76272
Ion Ratio Lower Upper
94 100
96 88.2 77.6 116.4



#6
Chloroethane
Concen: 49.923 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
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Tgt Ion: 64 Resp: 76852
Ion Ratio Lower Upper
64 100
66 29.2 25.9 38.9

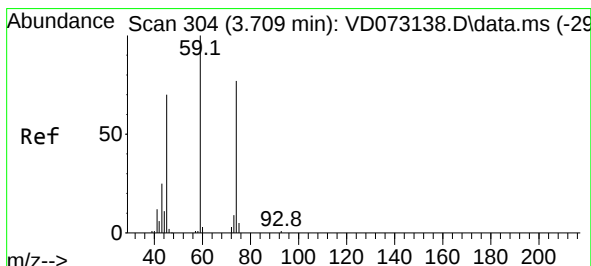
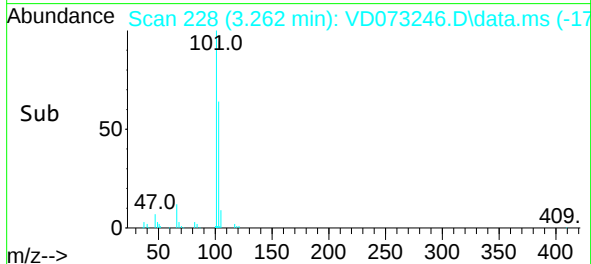
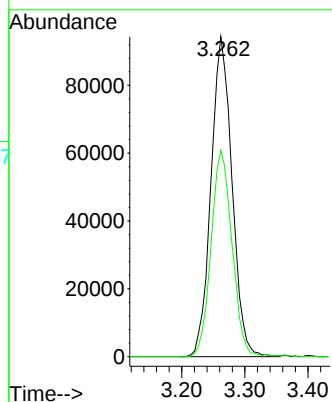
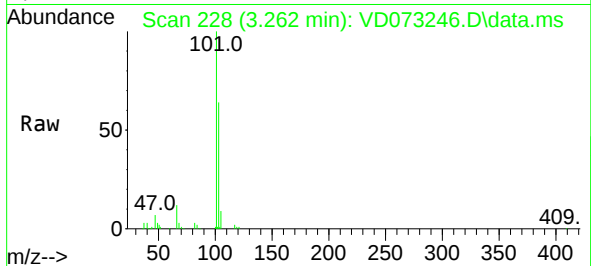




#7
Trichlorofluoromethane
Concen: 49.352 ug/l
RT: 3.262 min Scan# 21
Delta R.T. -0.011 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

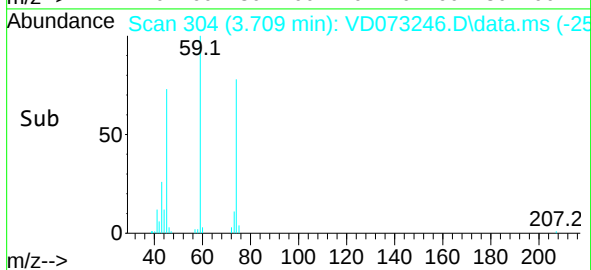
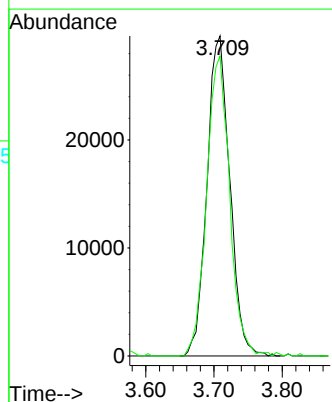
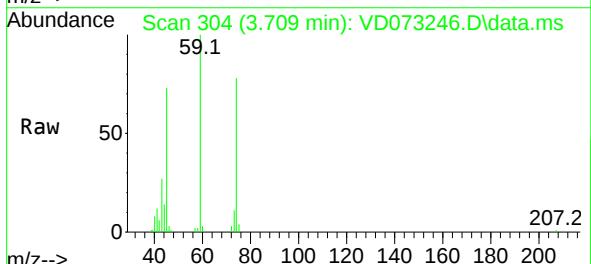
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Tgt Ion:101 Resp: 218528
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1



#8
Diethyl Ether
Concen: 56.814 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 74 Resp: 69127
Ion Ratio Lower Upper
74 100
45 94.5 52.6 157.8

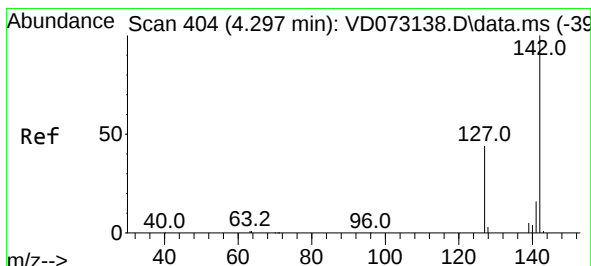
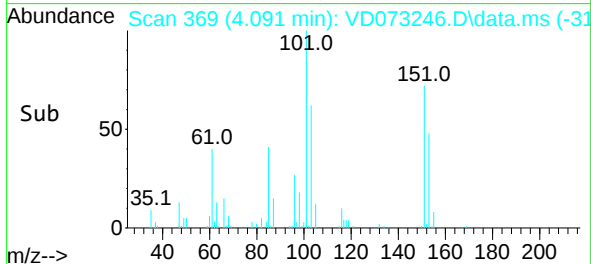
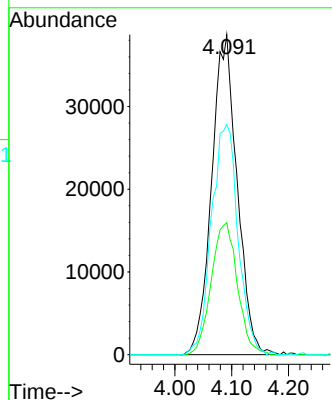
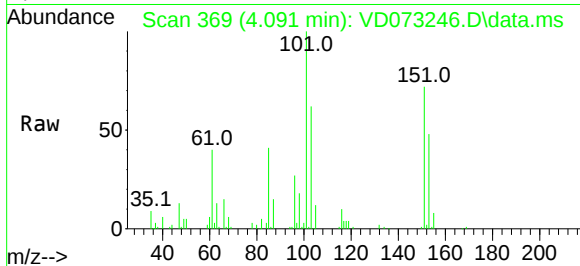




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.563 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

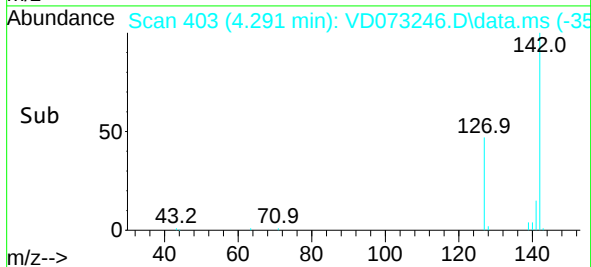
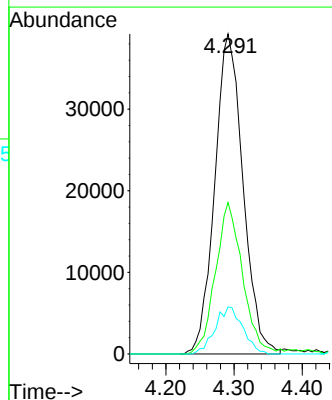
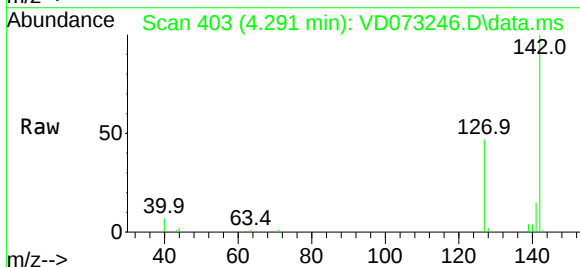
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

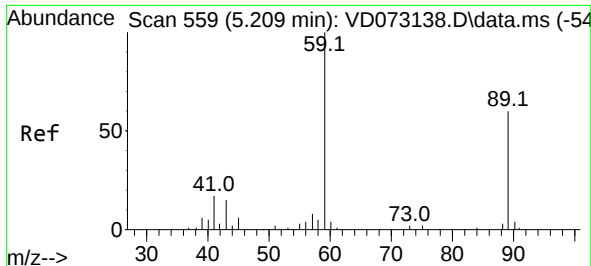
Tgt Ion:101 Resp: 120375
Ion Ratio Lower Upper
101 100
85 42.4 36.4 54.6
151 75.1 57.3 85.9



#10
Methyl Iodide
Concen: 39.661 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:142 Resp: 113051
Ion Ratio Lower Upper
142 100
127 45.1 37.3 55.9
141 14.4 11.7 17.5





#11

Tert butyl alcohol

Concen: 135.551 ug/l

RT: 5.215 min Scan# 5

Delta R.T. 0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

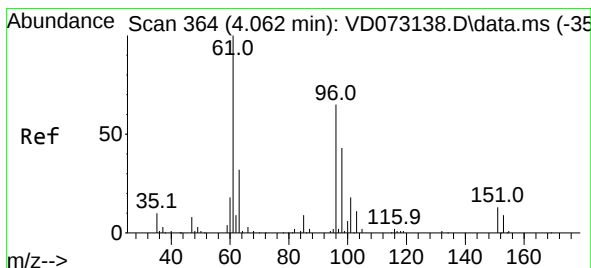
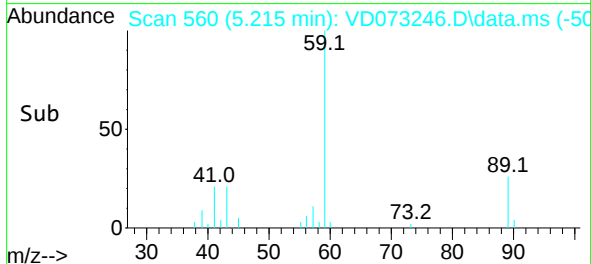
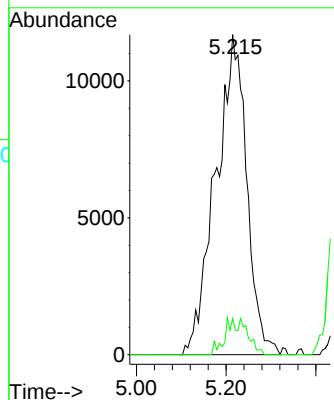
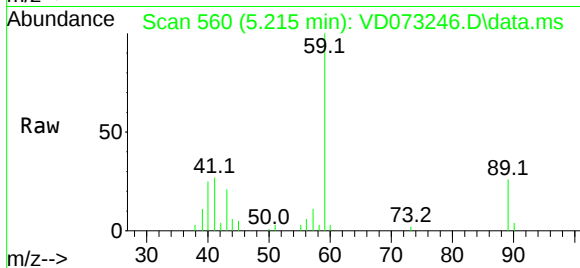
P024-SS001-2430-01MS

Tgt Ion: 59 Resp: 56332

Ion Ratio Lower Upper

59 100

57 4.5 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 48.076 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

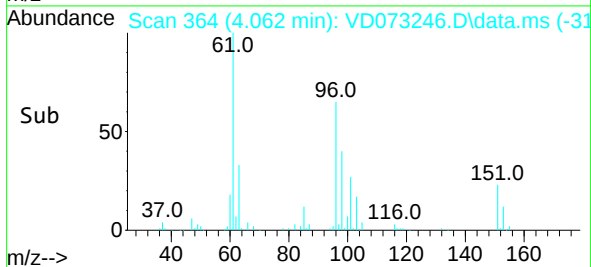
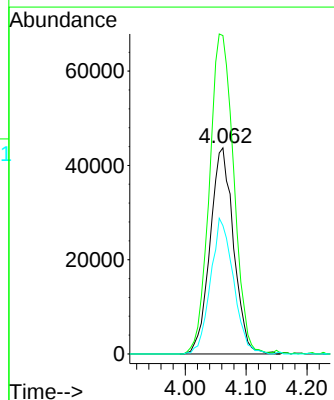
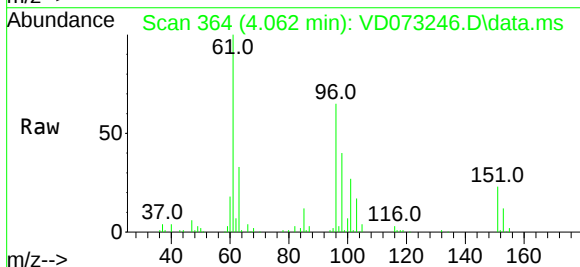
Tgt Ion: 96 Resp: 117102

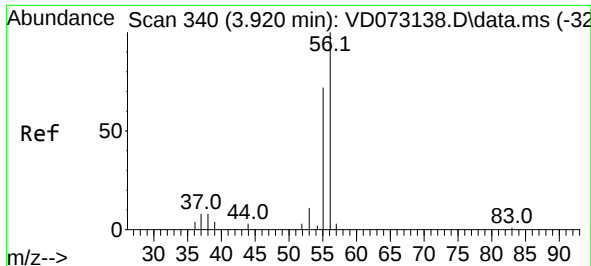
Ion Ratio Lower Upper

96 100

61 154.4 138.5 207.7

98 62.3 48.6 73.0





#13

Acrolein

Concen: 71.781 ug/l

RT: 3.921 min Scan# 34

Delta R.T. 0.001 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

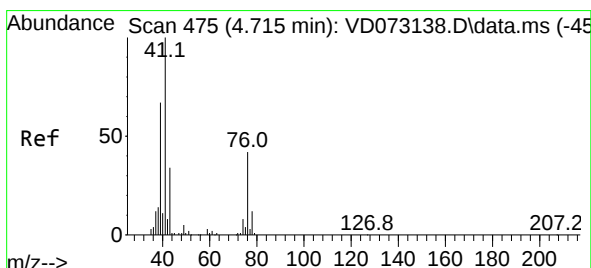
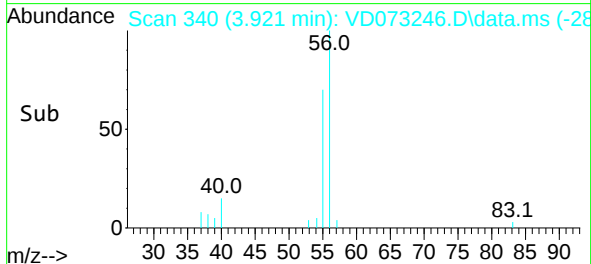
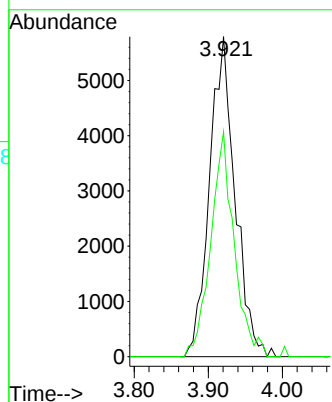
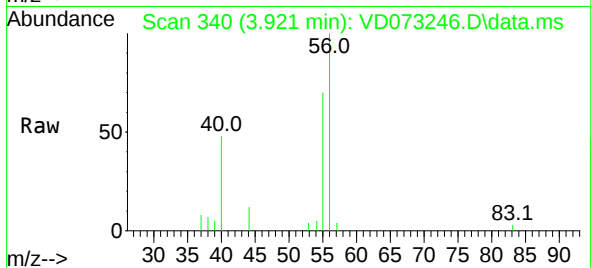
P024-SS001-2430-01MS

Tgt Ion: 56 Resp: 13857

Ion Ratio Lower Upper

56 100

55 64.5 57.1 85.7



#14

Allyl chloride

Concen: 49.993 ug/l

RT: 4.709 min Scan# 474

Delta R.T. -0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

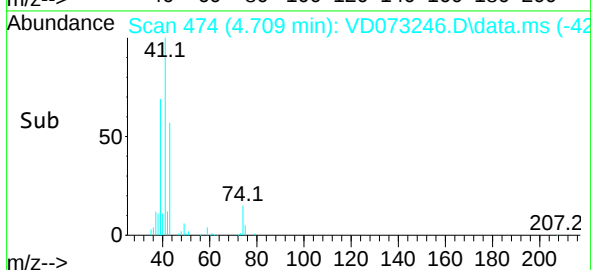
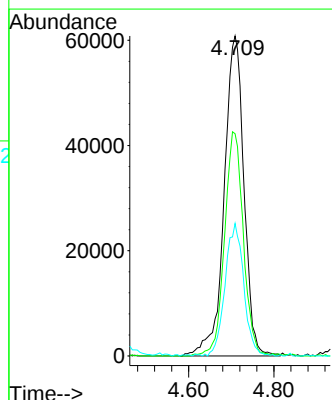
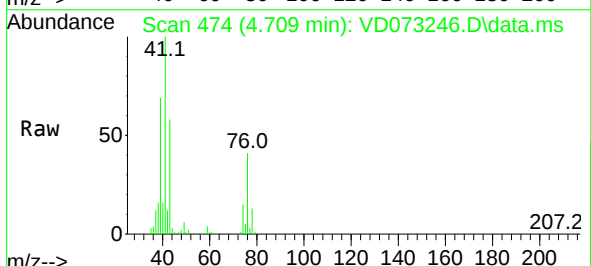
Tgt Ion: 41 Resp: 196560

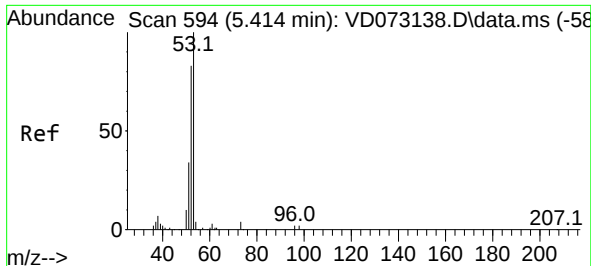
Ion Ratio Lower Upper

41 100

39 66.5 59.3 88.9

76 39.0 25.7 38.5#

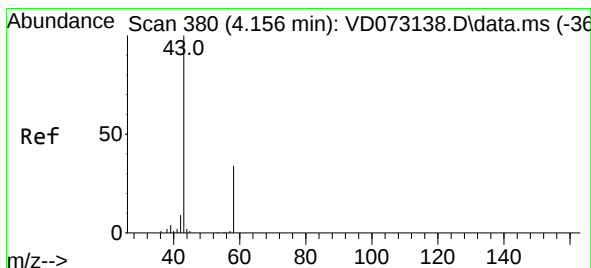
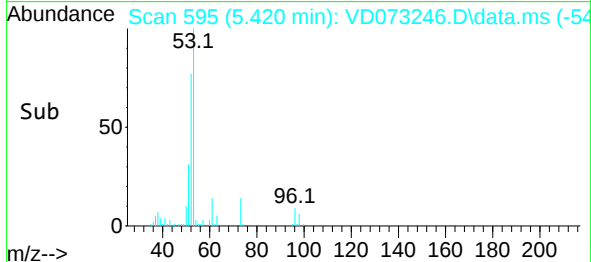
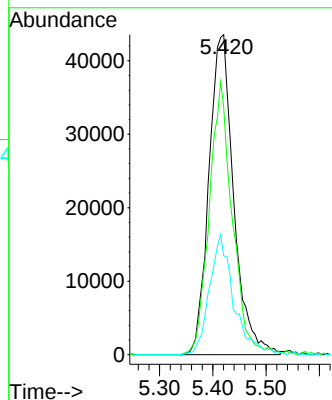
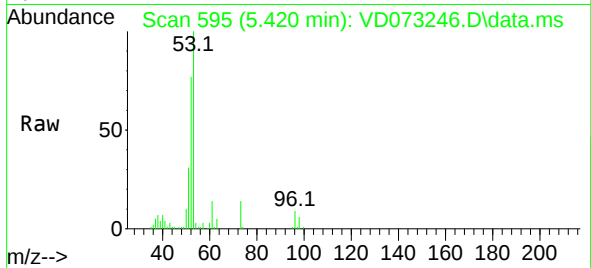




#15
Acrylonitrile
Concen: 253.357 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

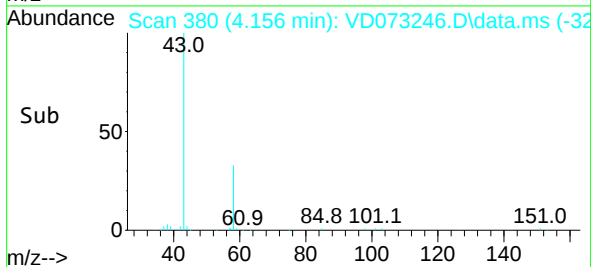
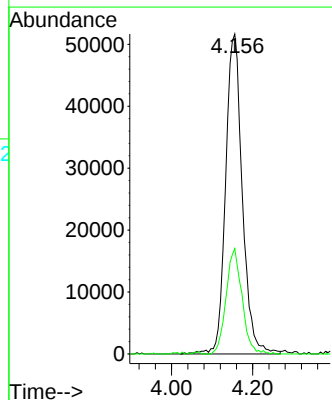
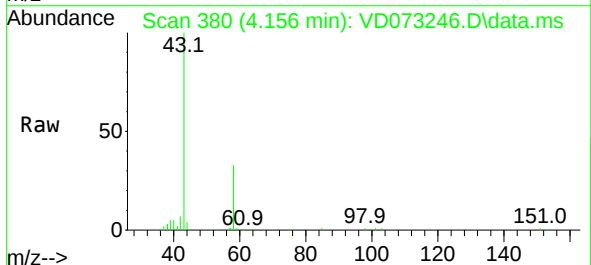
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

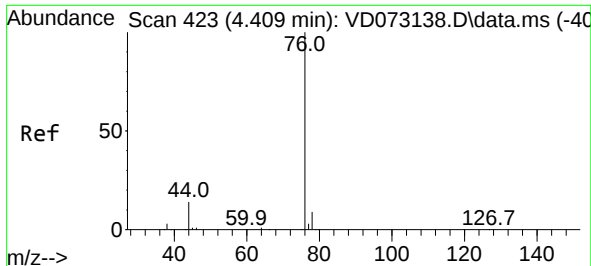
Tgt Ion: 53 Resp: 140962
Ion Ratio Lower Upper
53 100
52 79.3 67.2 100.8
51 36.7 30.3 45.5



#16
Acetone
Concen: 318.761 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 43 Resp: 147890
Ion Ratio Lower Upper
43 100
58 32.9 22.1 33.1

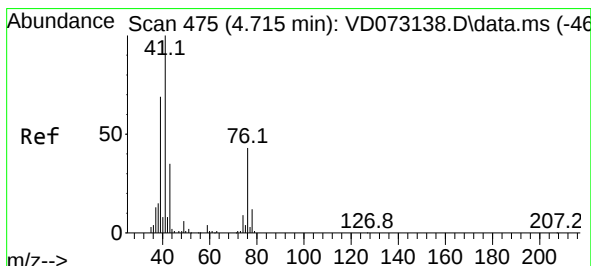
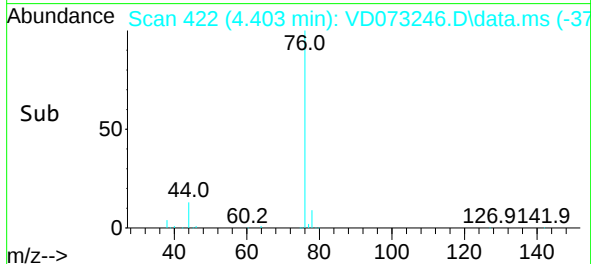
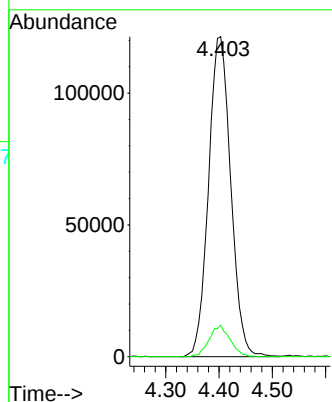
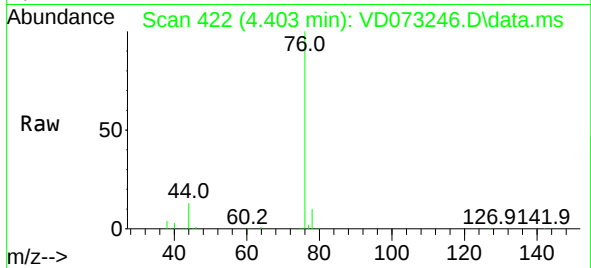




#17
Carbon Disulfide
Concen: 43.542 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

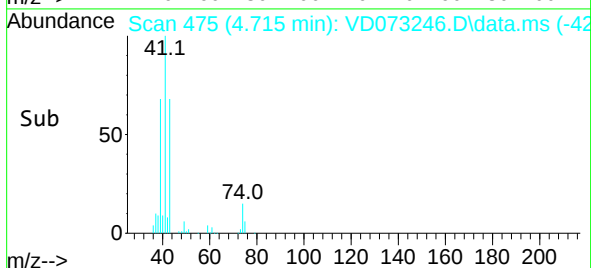
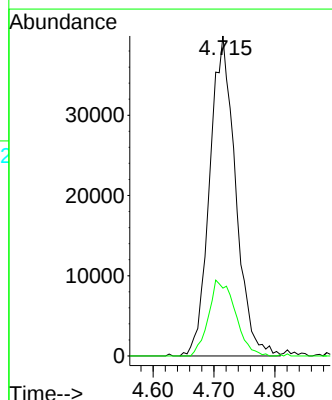
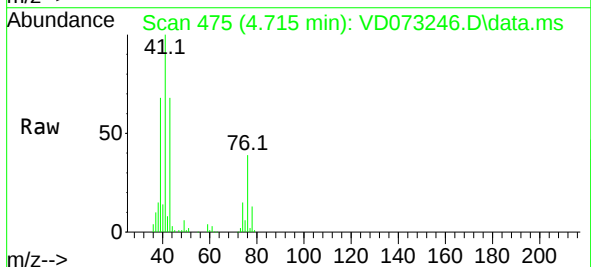
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

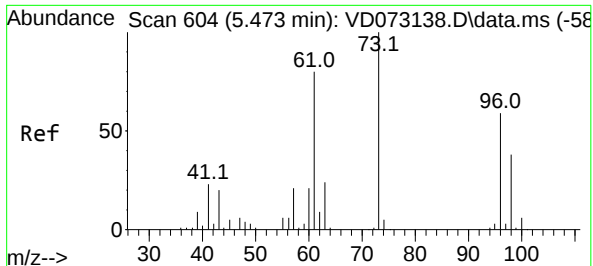
Tgt Ion: 76 Resp: 351585
Ion Ratio Lower Upper
76 100
78 9.9 7.5 11.3



#18
Methyl Acetate
Concen: 91.378 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 43 Resp: 117888
Ion Ratio Lower Upper
43 100
74 24.5 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 57.131 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

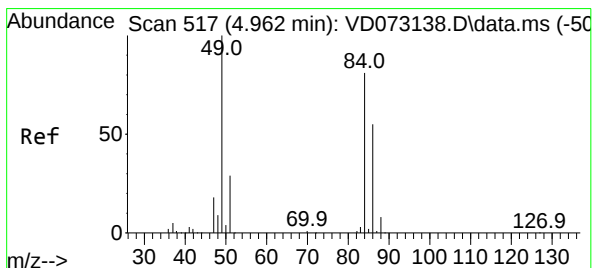
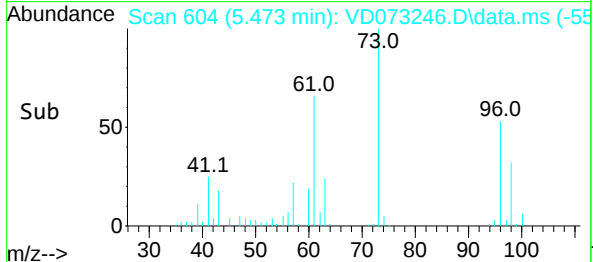
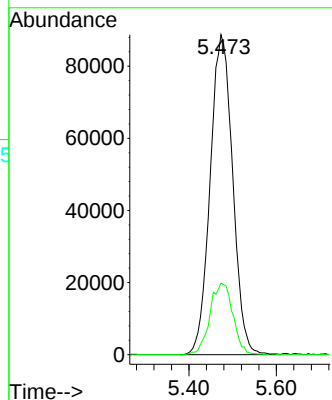
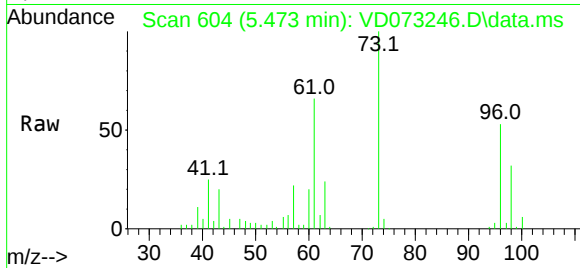
P024-SS001-2430-01MS

Tgt Ion: 73 Resp: 317020

Ion Ratio Lower Upper

73 100

57 22.3 18.0 27.0



#20

Methylene Chloride

Concen: 58.129 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Tgt Ion: 84 Resp: 169152

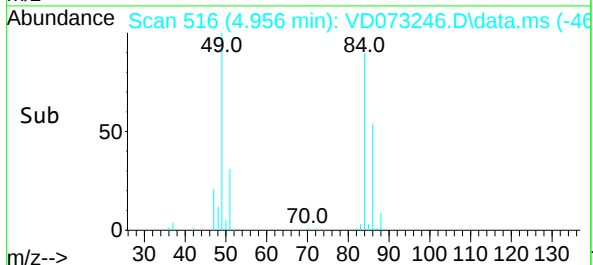
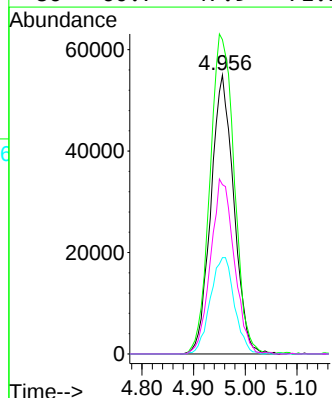
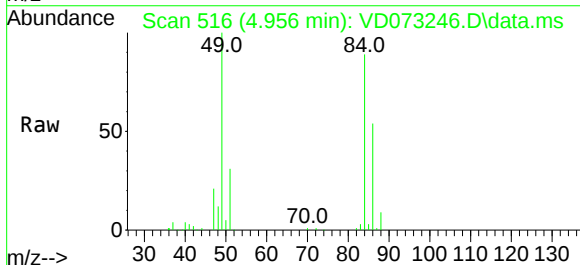
Ion Ratio Lower Upper

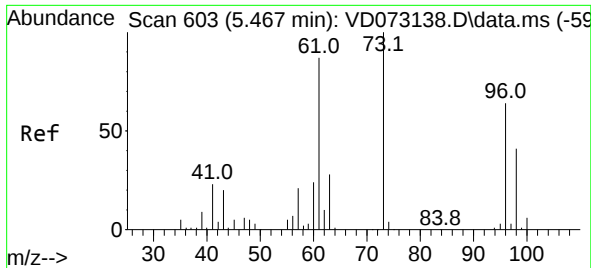
84 100

49 112.7 112.8 169.2#

51 34.6 32.6 48.8

86 60.7 47.9 71.9

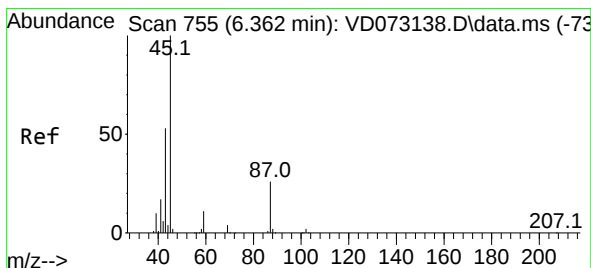
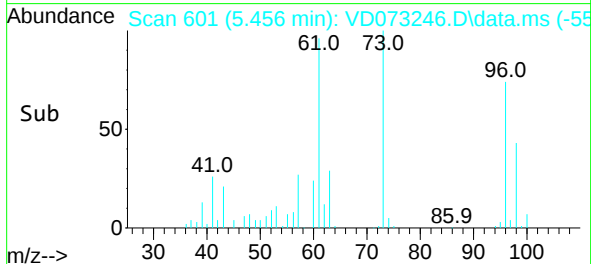
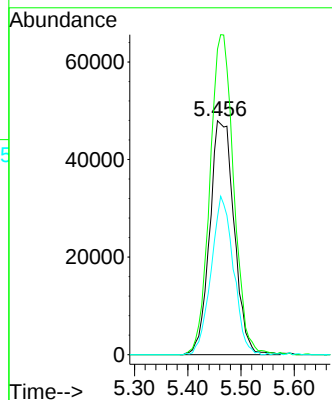
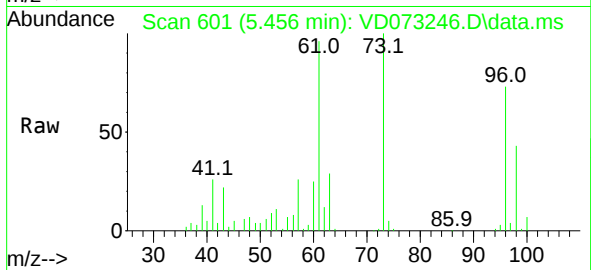




#21
trans-1,2-Dichloroethene
Concen: 51.768 ug/l
RT: 5.456 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

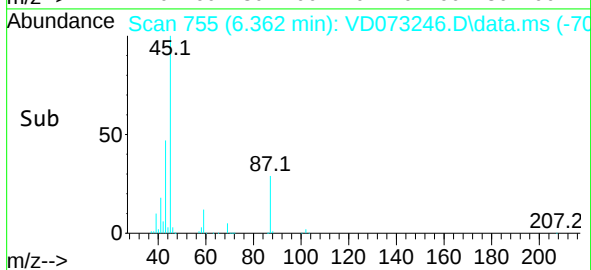
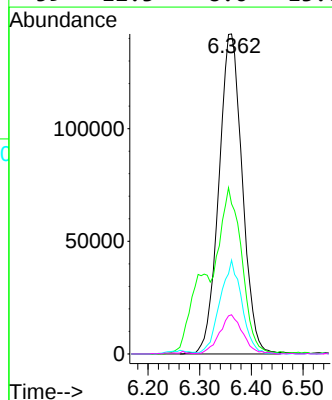
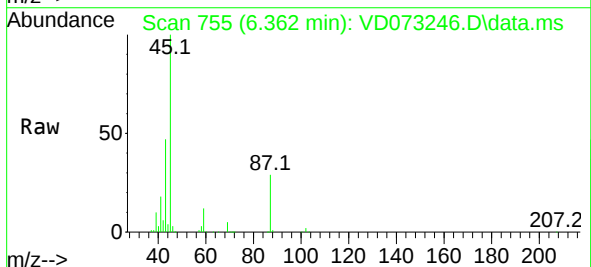
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

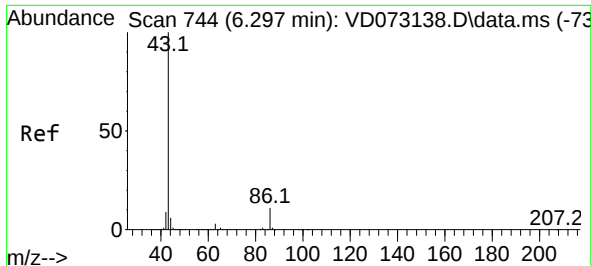
Tgt Ion: 96 Resp: 152460
Ion Ratio Lower Upper
96 100
61 130.6 117.9 176.9
98 58.8 49.4 74.2



#22
Diisopropyl ether
Concen: 54.224 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 45 Resp: 446921
Ion Ratio Lower Upper
45 100
43 46.1 46.6 70.0#
87 29.3 18.4 27.6#
59 12.3 8.6 13.0

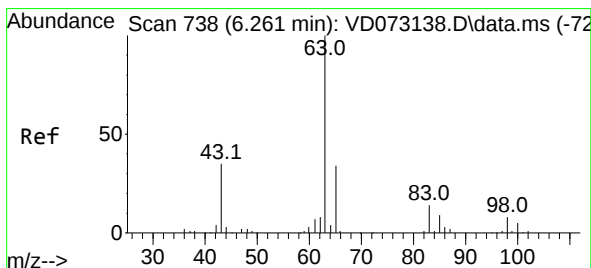
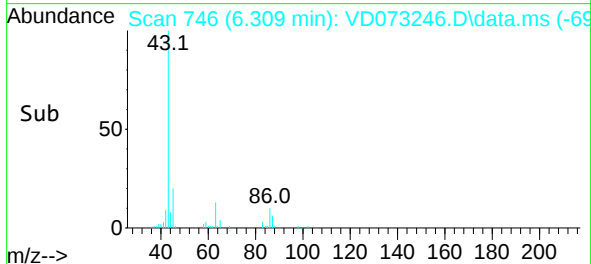
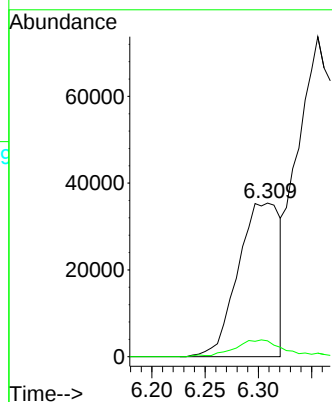
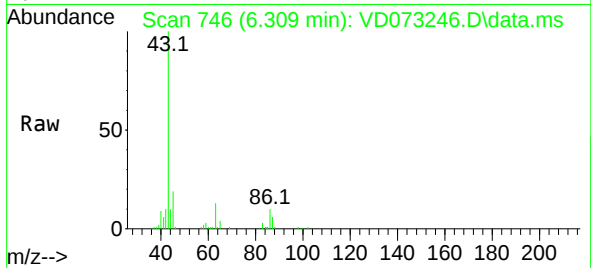




#23
 Vinyl Acetate
 Concen: 21.960 ug/l
 RT: 6.309 min Scan# 744
 Delta R.T. 0.012 min
 Lab File: VD073246.D
 Acq: 21 May 2022 23:17

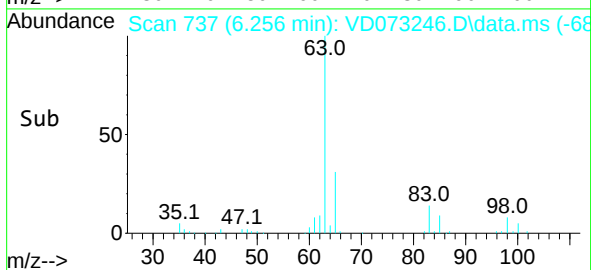
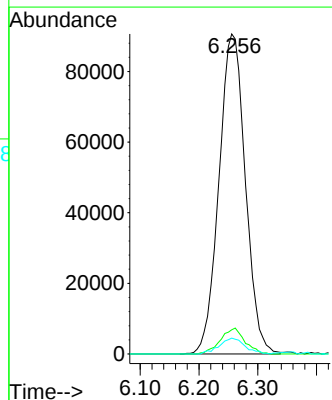
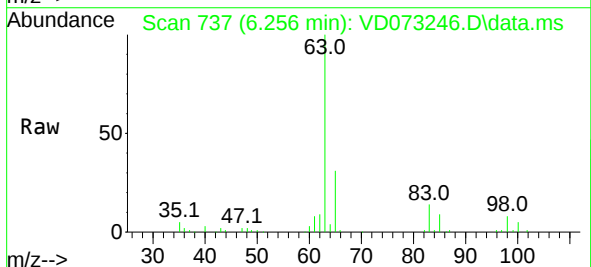
Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01MS

Tgt Ion: 43 Resp: 96542
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 53.442 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073246.D
 Acq: 21 May 2022 23:17

Tgt Ion: 63 Resp: 282728
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 5.0 2.1 6.5

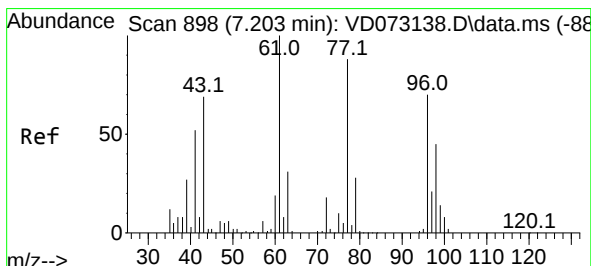
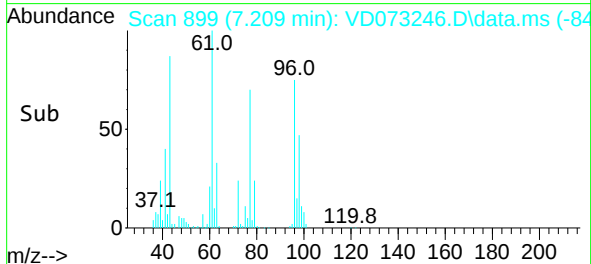
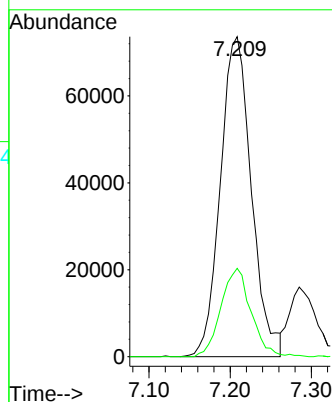
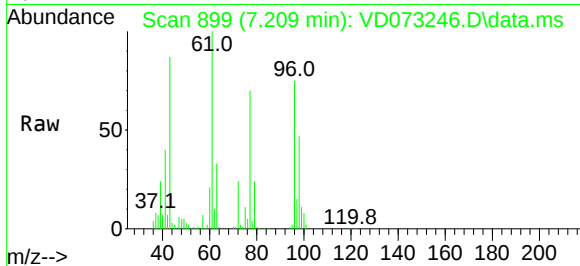




#25
2-Butanone
Concen: 288.043 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

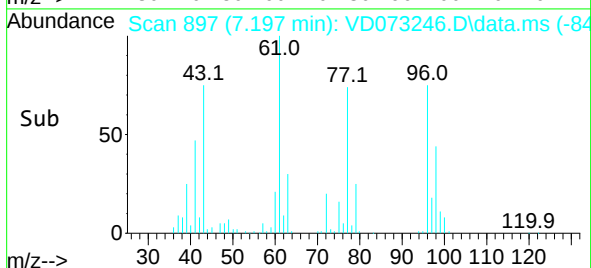
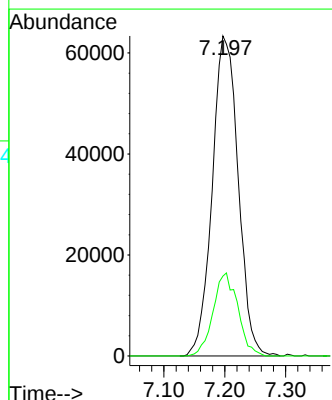
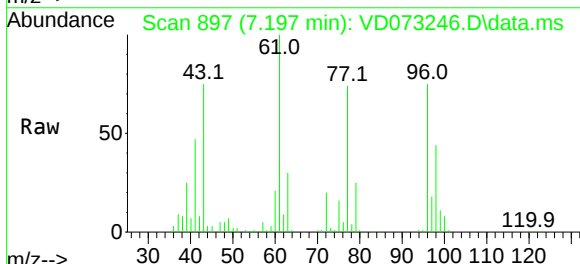
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

Tgt Ion: 43 Resp: 195518
Ion Ratio Lower Upper
43 100
72 27.6 18.6 27.8



#26
2,2-Dichloropropane
Concen: 41.625 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 77 Resp: 187801
Ion Ratio Lower Upper
77 100
97 24.7 10.8 32.4

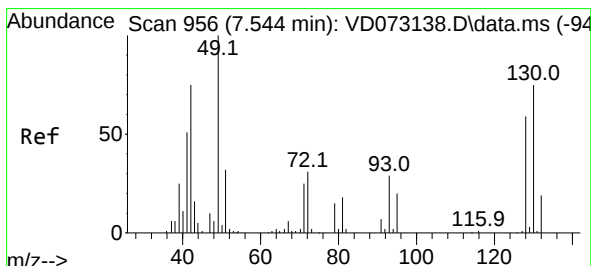
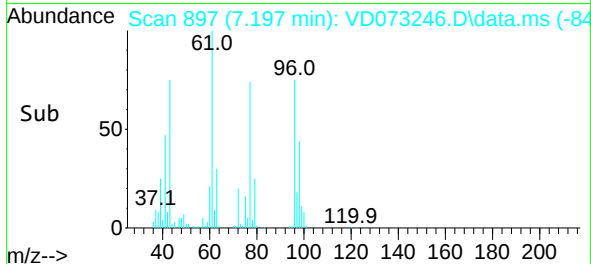
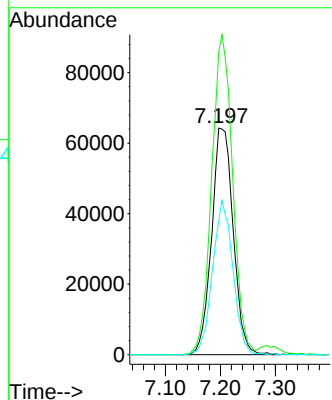
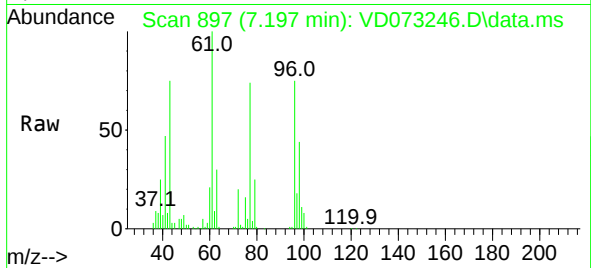




#27
 cis-1,2-Dichloroethene
 Concen: 53.914 ug/l
 RT: 7.197 min Scan# 897
 Delta R.T. -0.011 min
 Lab File: VD073246.D
 Acq: 21 May 2022 23:17

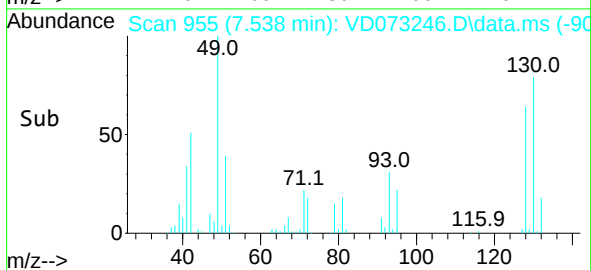
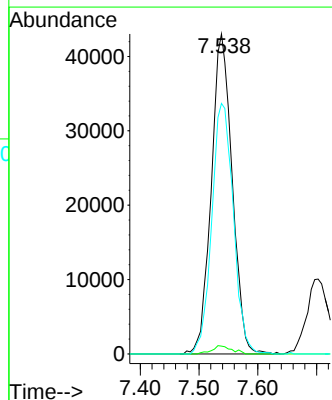
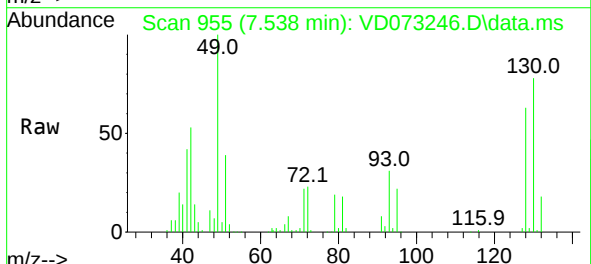
Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01MS

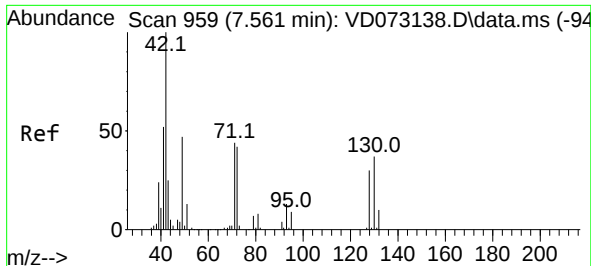
Tgt Ion: 96 Resp: 175692
 Ion Ratio Lower Upper
 96 100
 61 136.8 0.0 313.8
 98 64.2 0.0 128.8



#28
 Bromochloromethane
 Concen: 58.248 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073246.D
 Acq: 21 May 2022 23:17

Tgt Ion: 49 Resp: 106163
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.0
 130 80.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 270.380 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

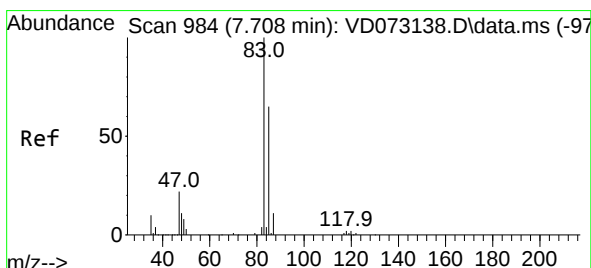
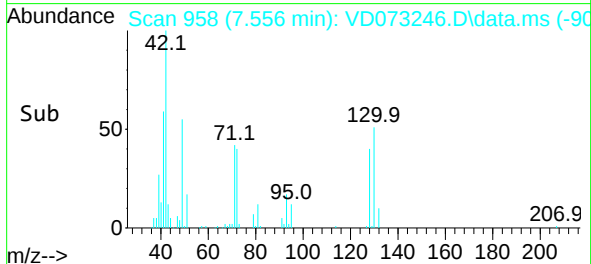
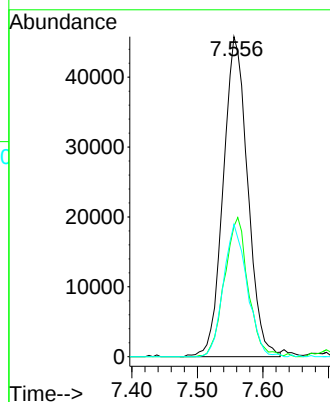
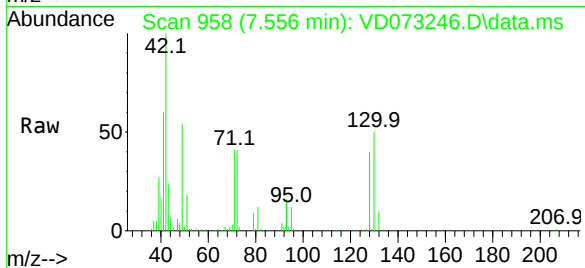
Tgt Ion: 42 Resp: 118673

Ion Ratio Lower Upper

42 100

72 42.1 30.7 46.1

71 40.1 28.6 43.0



#30

Chloroform

Concen: 55.147 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073246.D

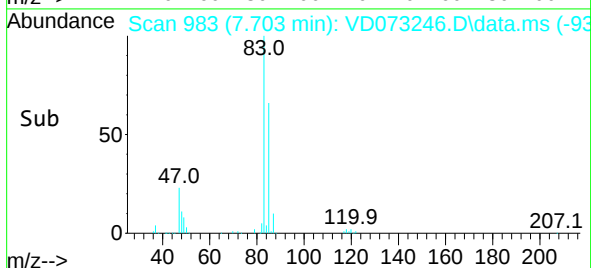
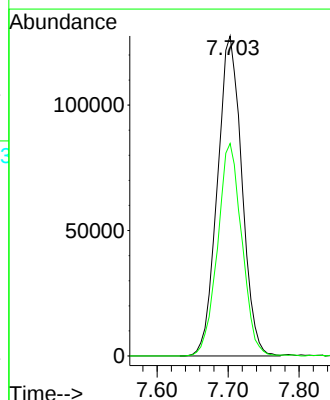
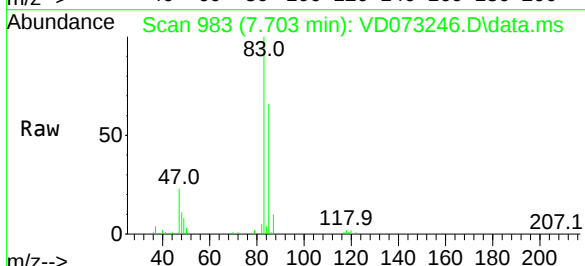
Acq: 21 May 2022 23:17

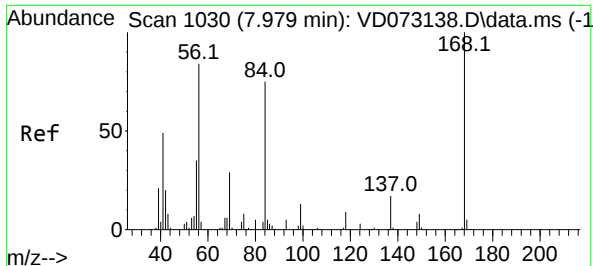
Tgt Ion: 83 Resp: 304588

Ion Ratio Lower Upper

83 100

85 66.4 52.7 79.1





#31

Cyclohexane

Concen: 42.485 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

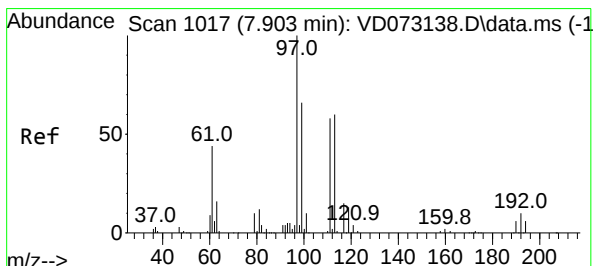
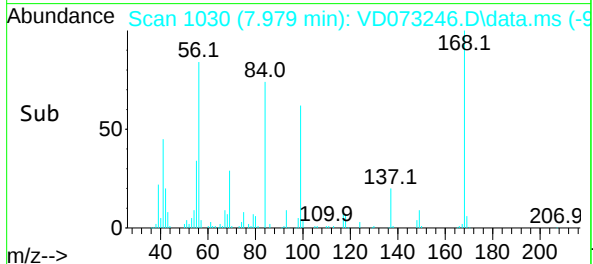
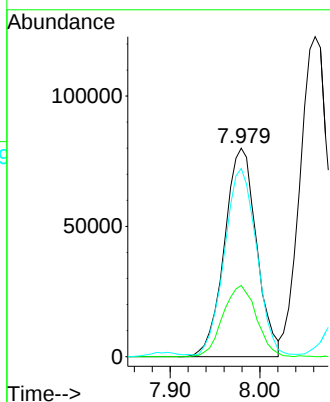
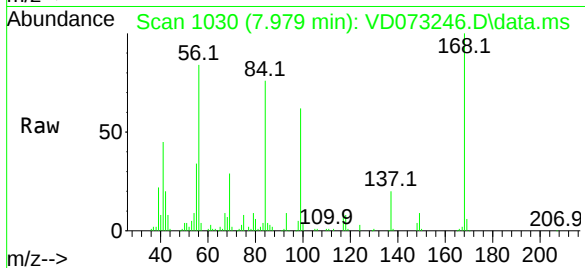
Tgt Ion: 56 Resp: 198865

Ion Ratio Lower Upper

56 100

69 34.2 25.4 38.2

84 89.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 51.335 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

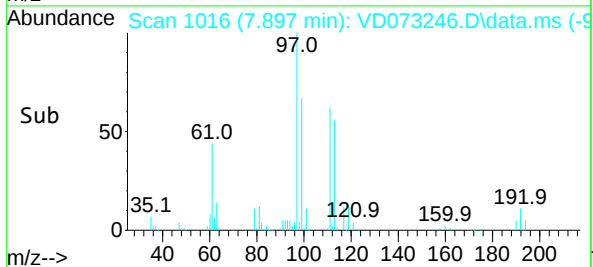
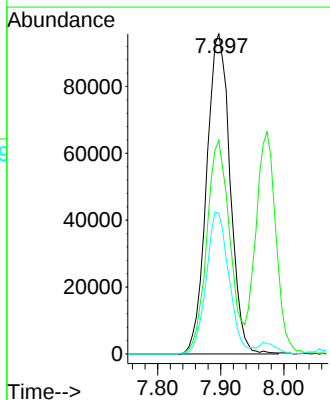
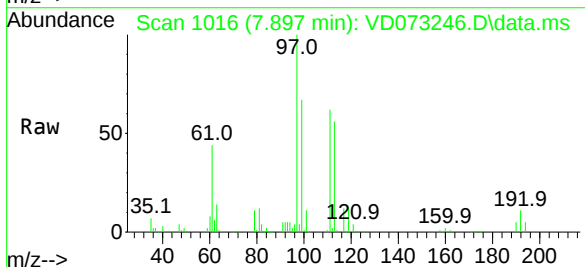
Tgt Ion: 97 Resp: 247983

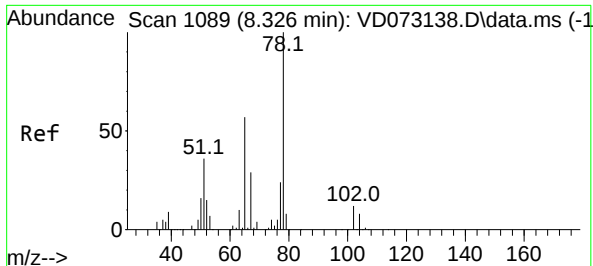
Ion Ratio Lower Upper

97 100

99 65.8 52.4 78.6

61 43.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 59.455 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

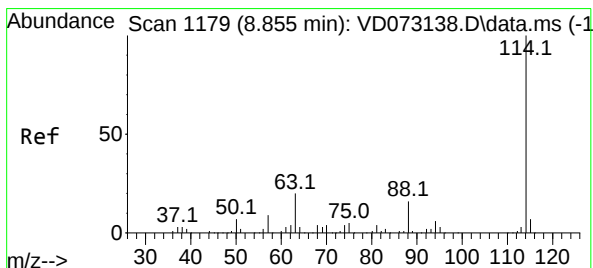
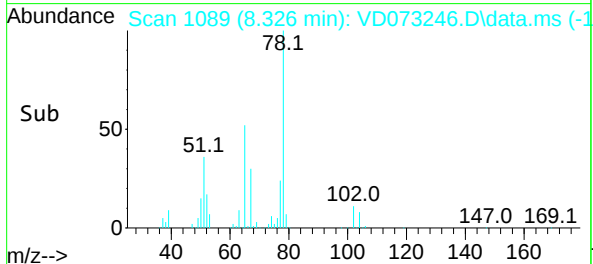
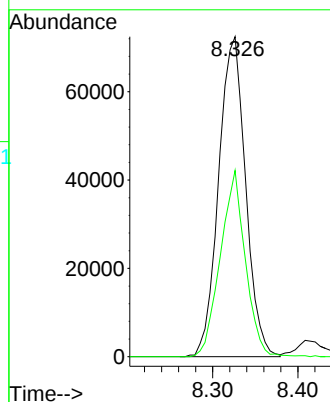
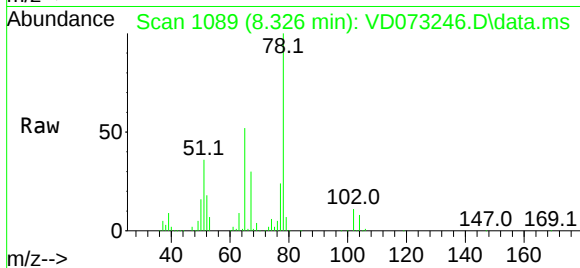
P024-SS001-2430-01MS

Tgt Ion: 65 Resp: 159253

Ion Ratio Lower Upper

65 100

67 54.2 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: VD073246.D

Acq: 21 May 2022 23:17

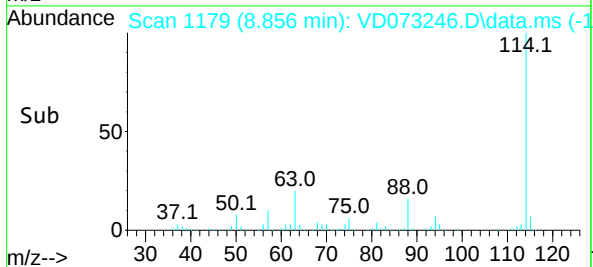
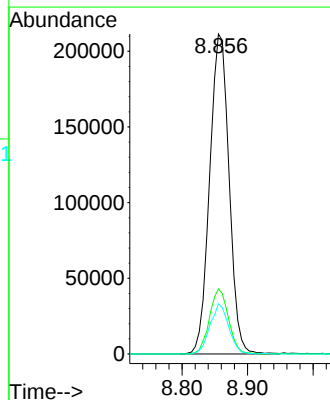
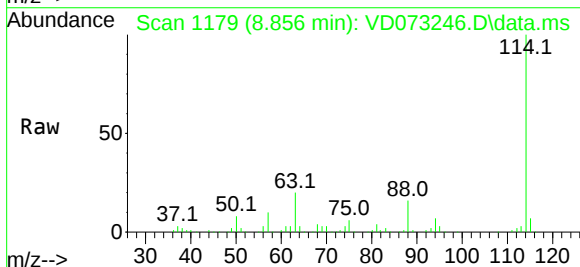
Tgt Ion: 114 Resp: 434539

Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.468 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.011 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

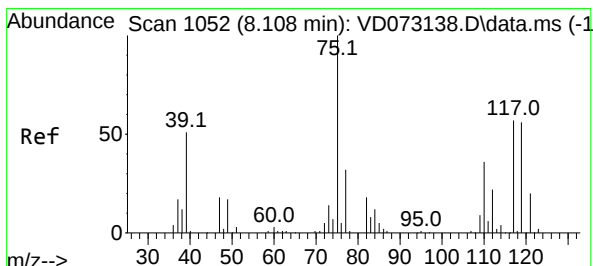
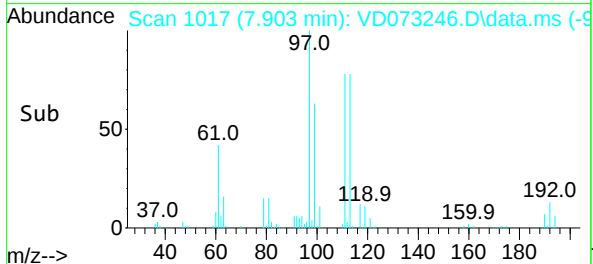
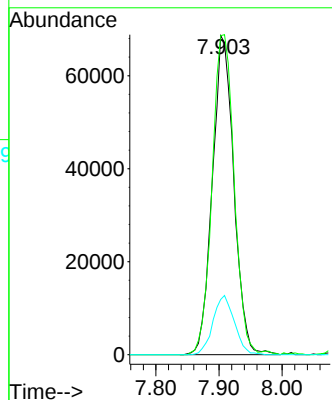
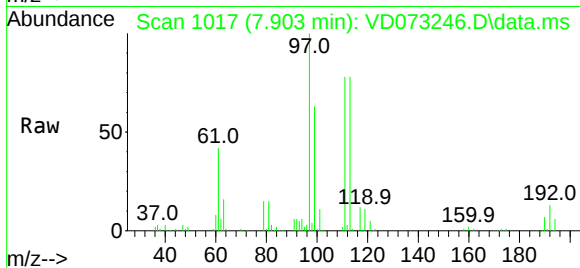
Tgt Ion:113 Resp: 161914

Ion Ratio Lower Upper

113 100

111 102.9 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 47.476 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. -0.005 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

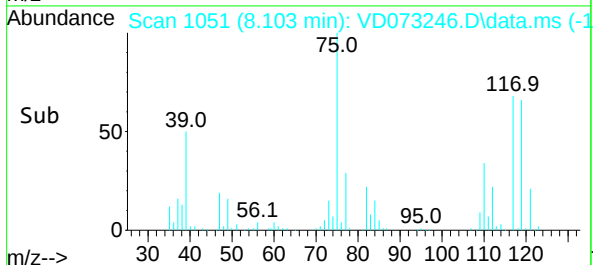
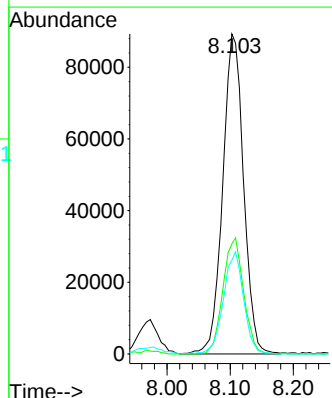
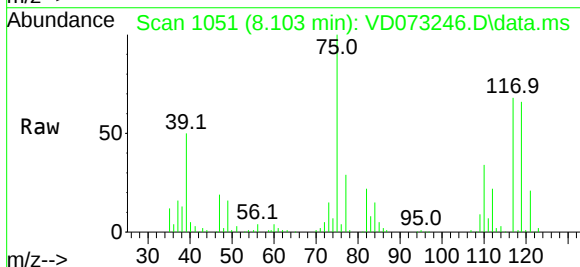
Tgt Ion: 75 Resp: 204738

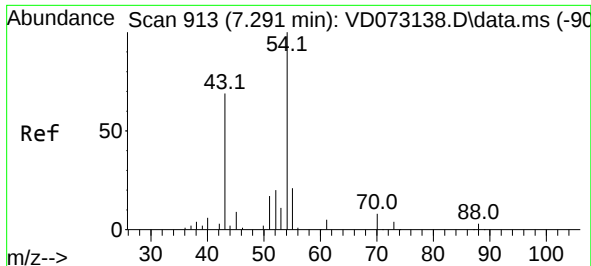
Ion Ratio Lower Upper

75 100

110 35.9 16.4 49.1

77 31.1 24.2 36.2





#37

Ethyl Acetate

Concen: 22.693 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

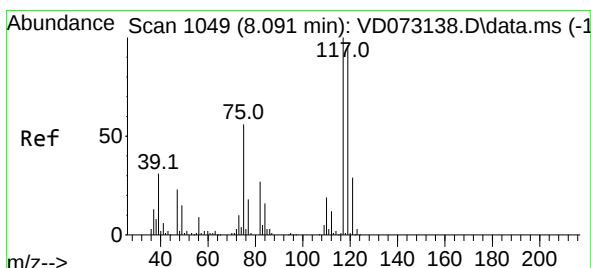
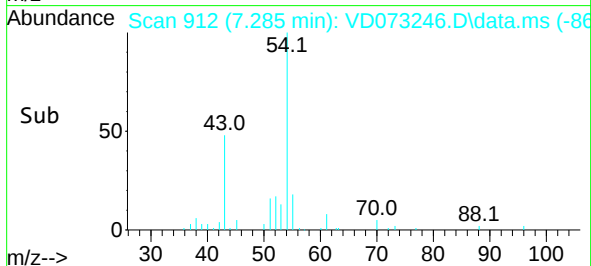
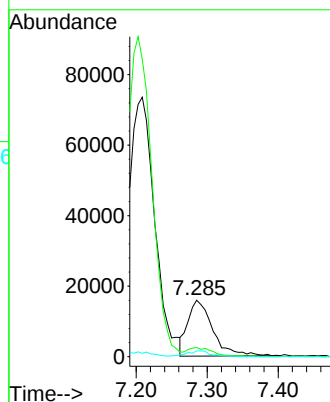
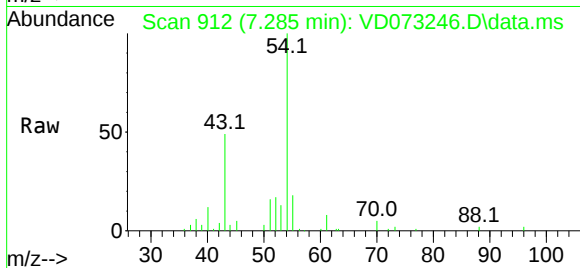
Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

Tgt Ion:	43	Resp:	38656
Ion Ratio	Lower	Upper	
43	100		
61	0.0	9.8	14.8#
70	10.5	6.9	10.3#



#38

Carbon Tetrachloride

Concen: 48.479 ug/l

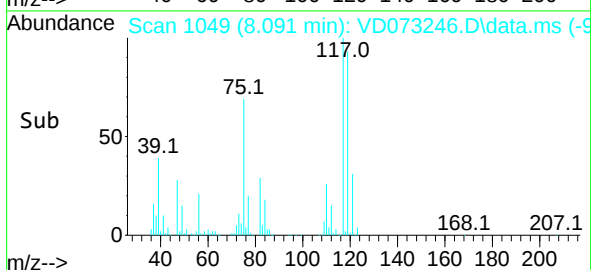
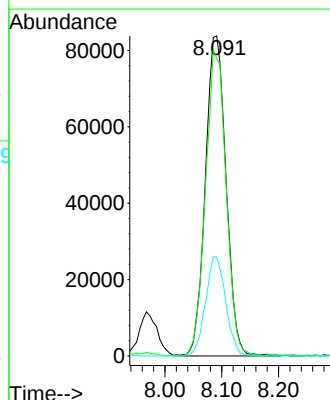
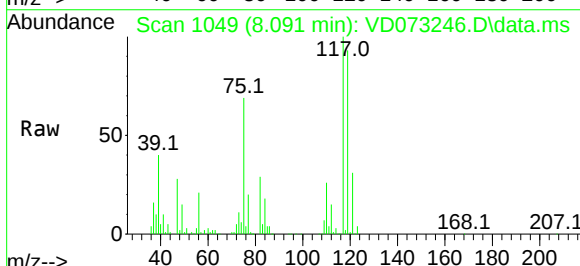
RT: 8.091 min Scan# 1049

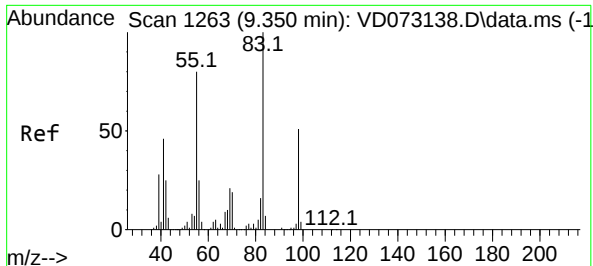
Delta R.T. -0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Tgt Ion:	117	Resp:	211922
Ion Ratio	Lower	Upper	
117	100		
119	93.0	75.8	113.6
121	30.9	24.5	36.7





#39

Methylcyclohexane

Concen: 37.753 ug/l

RT: 9.350 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

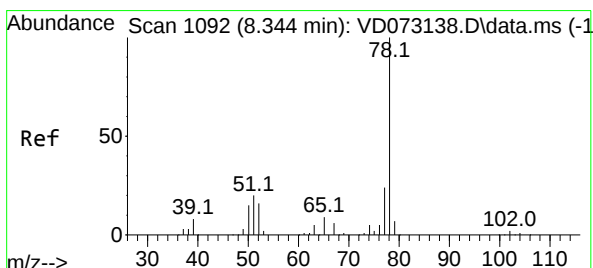
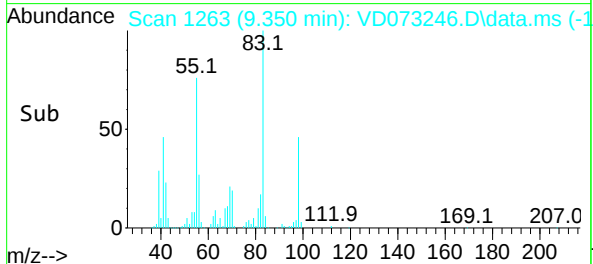
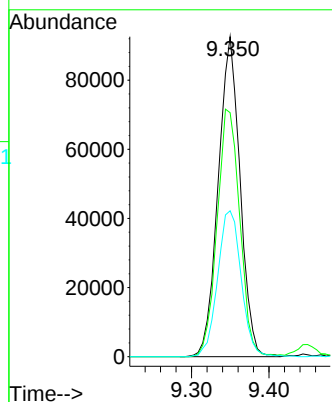
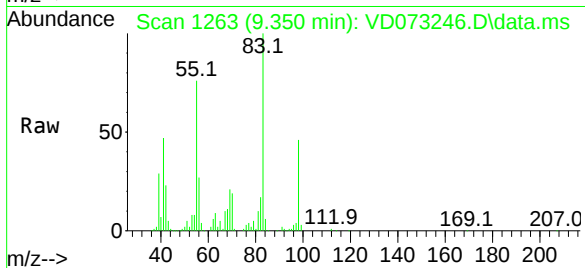
Tgt Ion: 83 Resp: 181445

Ion Ratio Lower Upper

83 100

55 76.3 63.2 94.8

98 45.6 38.2 57.4



#40

Benzene

Concen: 50.503 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073246.D

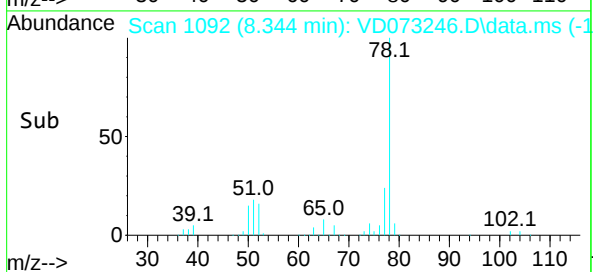
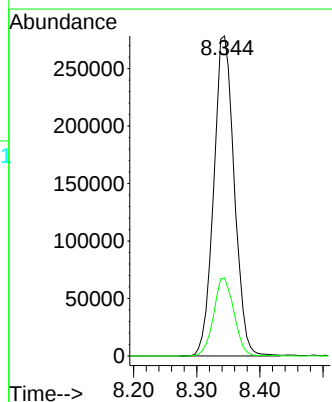
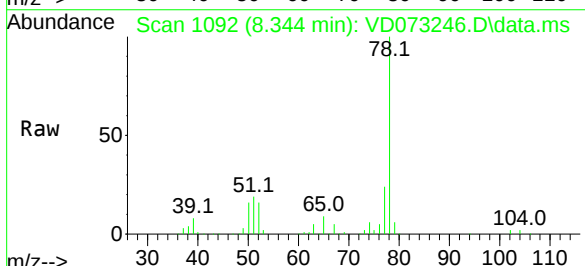
Acq: 21 May 2022 23:17

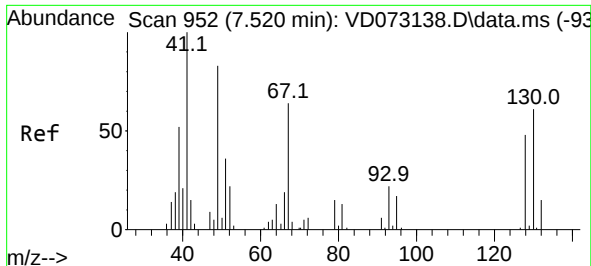
Tgt Ion: 78 Resp: 627685

Ion Ratio Lower Upper

78 100

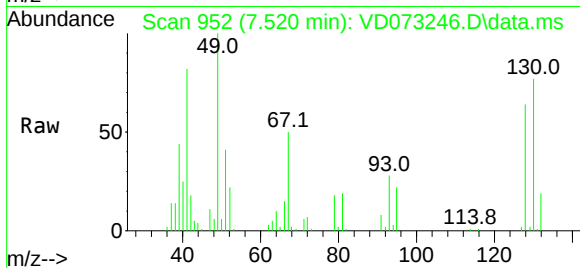
77 24.4 19.1 28.7



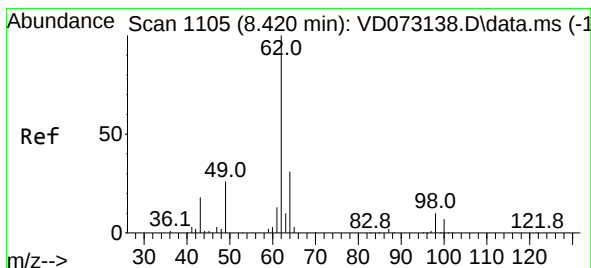
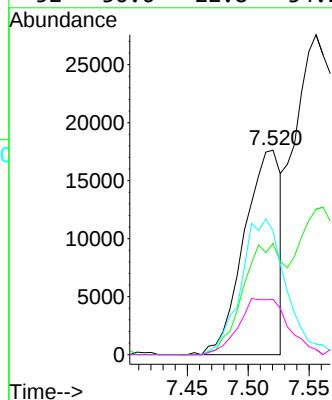
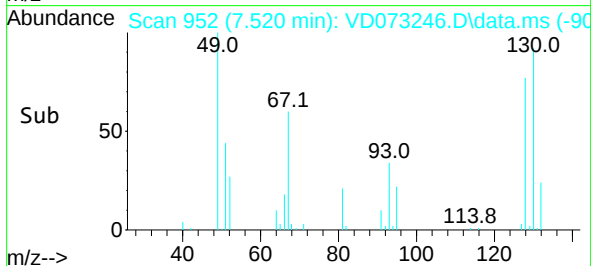


#41
Methacrylonitrile
Concen: 37.158 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

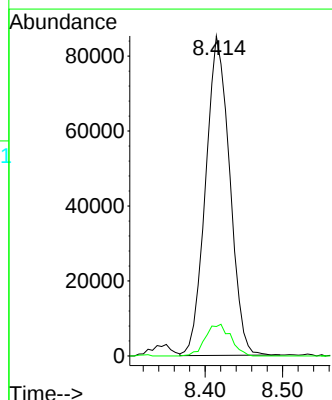
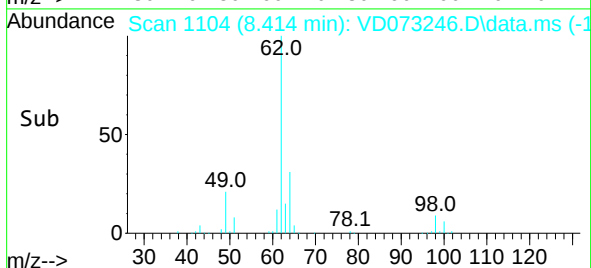
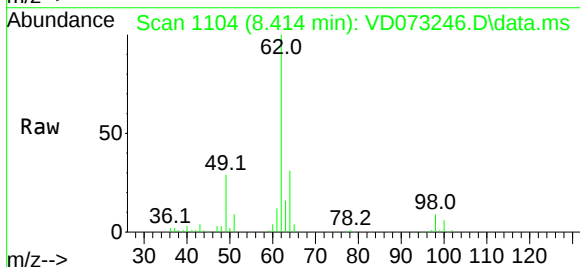


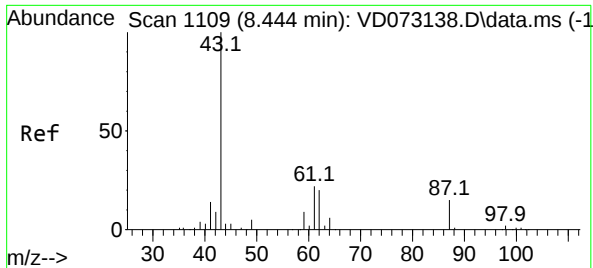
Tgt Ion: 41	Resp: 36878
Ion Ratio	Lower Upper
41 100	
39 62.6	44.6 67.0
67 82.0	48.2 72.4#
52 36.6	22.8 34.2#



#42
1,2-Dichloroethane
Concen: 53.094 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 62	Resp: 183612
Ion Ratio	Lower Upper
62 100	
98 10.5	0.0 17.6

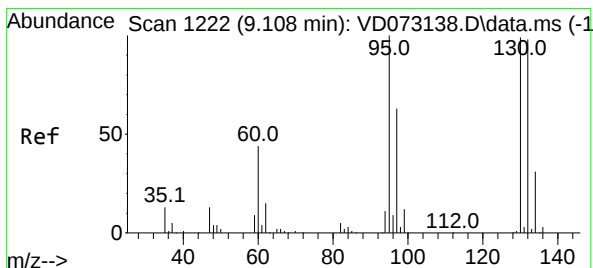
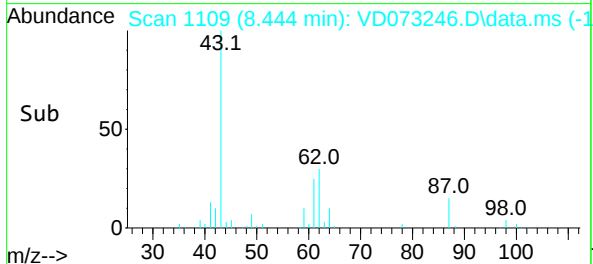
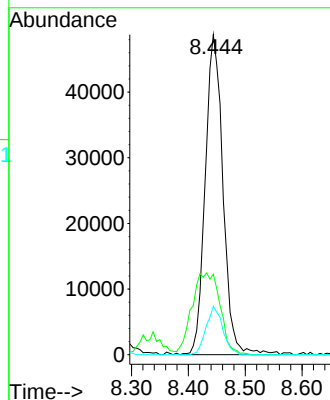
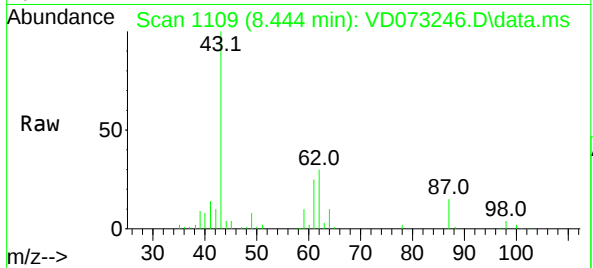




#43
Isopropyl Acetate
Concen: 33.552 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

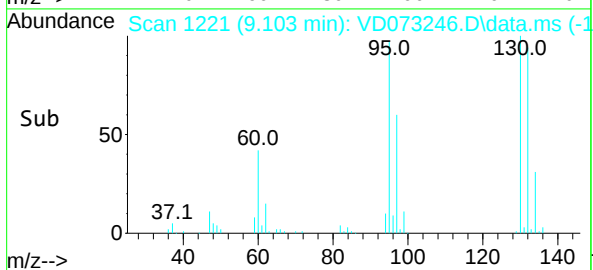
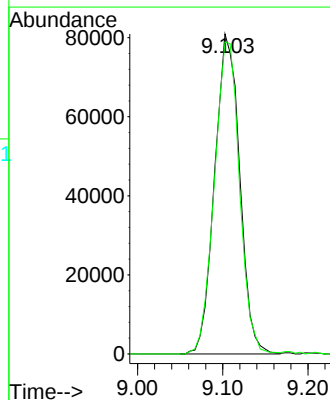
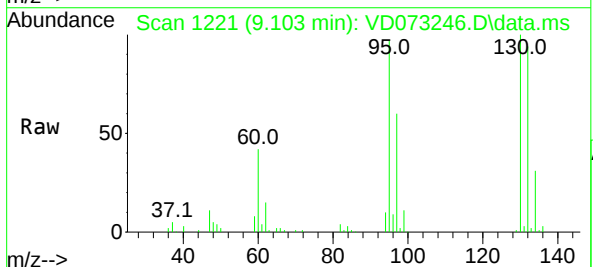
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

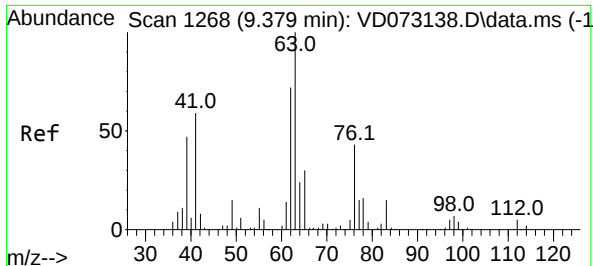
Tgt Ion: 43 Resp: 105640
Ion Ratio Lower Upper
43 100
61 40.5 22.4 33.6#
87 14.1 8.7 13.1#



#44
Trichloroethene
Concen: 49.807 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:130 Resp: 165075
Ion Ratio Lower Upper
130 100
95 97.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 52.779 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

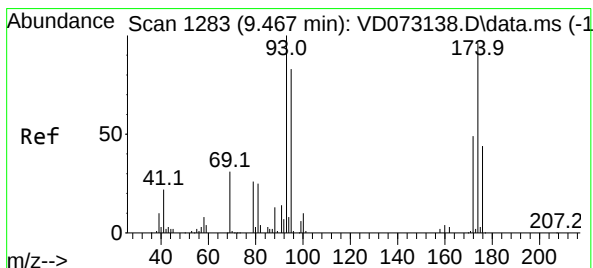
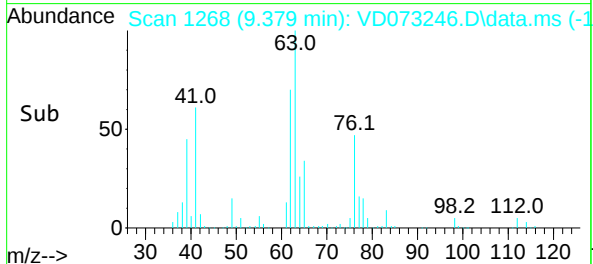
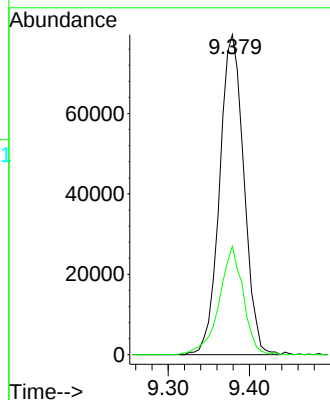
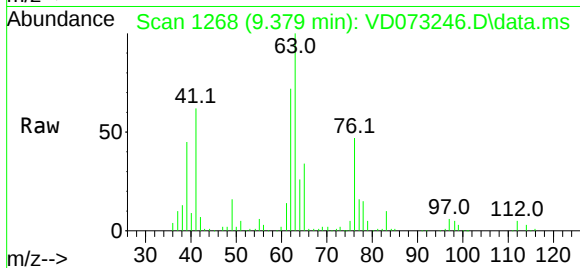
P024-SS001-2430-01MS

Tgt Ion: 63 Resp: 165198

Ion Ratio Lower Upper

63 100

65 33.9 26.2 39.4



#46

Dibromomethane

Concen: 52.731 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

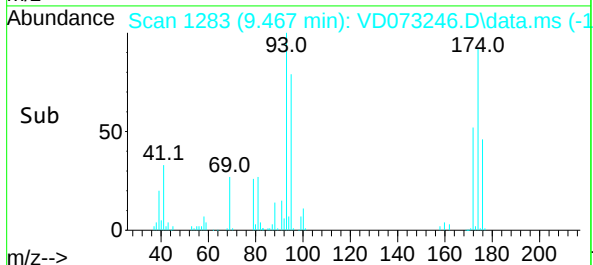
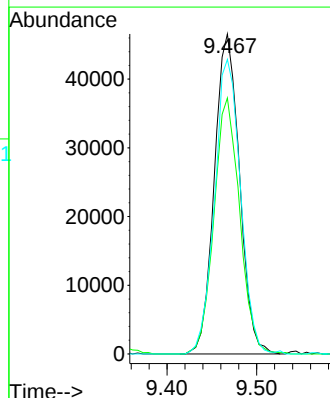
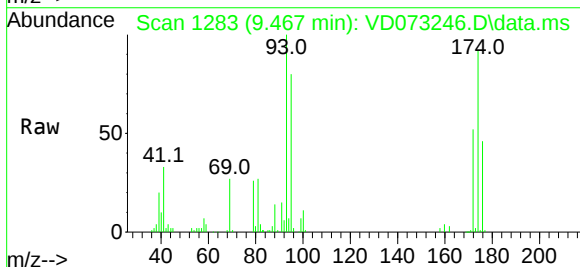
Tgt Ion: 93 Resp: 90647

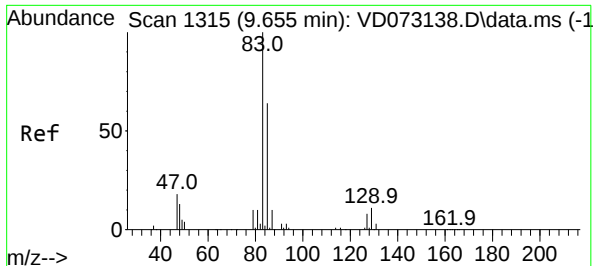
Ion Ratio Lower Upper

93 100

95 81.9 66.7 100.1

174 95.1 71.6 107.4





#47

Bromodichloromethane

Concen: 54.019 ug/l

RT: 9.656 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

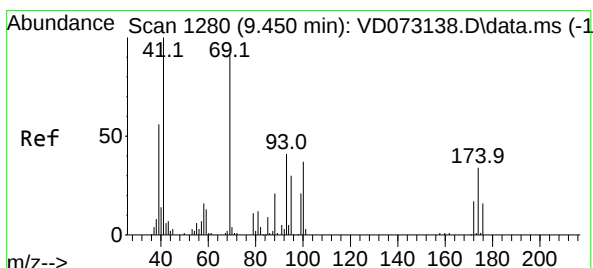
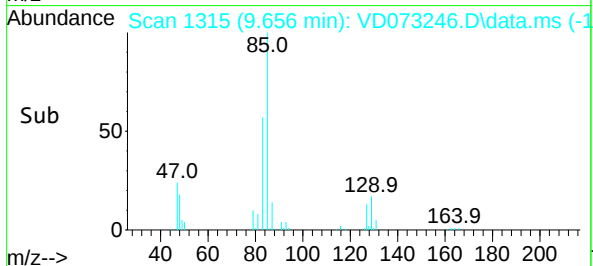
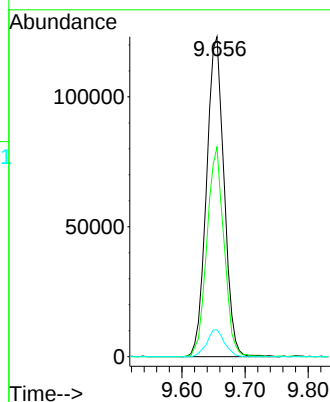
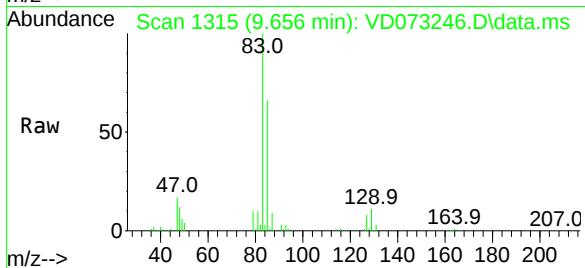
Tgt Ion: 83 Resp: 237607

Ion Ratio Lower Upper

83 100

85 65.5 51.4 77.0

127 8.4 6.1 9.1



#48

Methyl methacrylate

Concen: 55.714 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

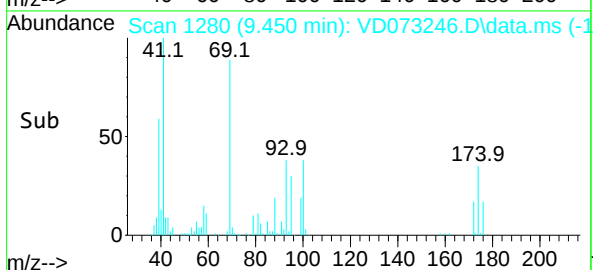
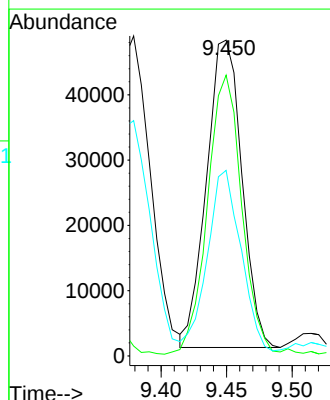
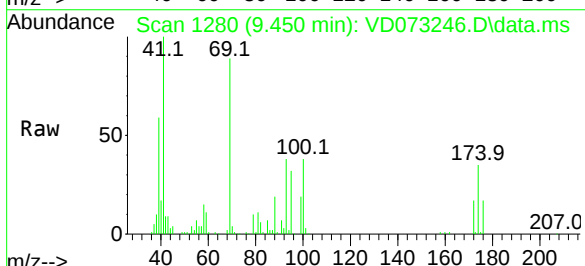
Tgt Ion: 41 Resp: 88255

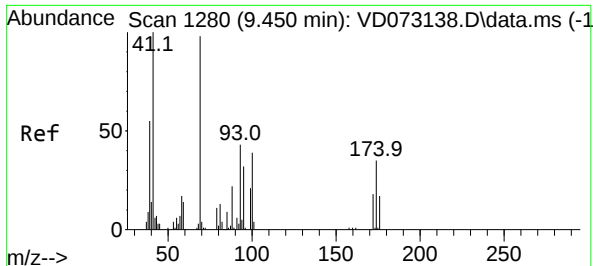
Ion Ratio Lower Upper

41 100

69 87.9 56.7 85.1#

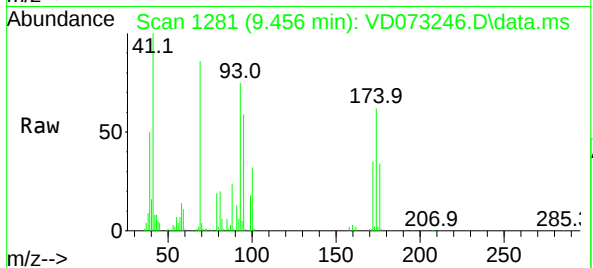
39 59.2 42.7 64.1



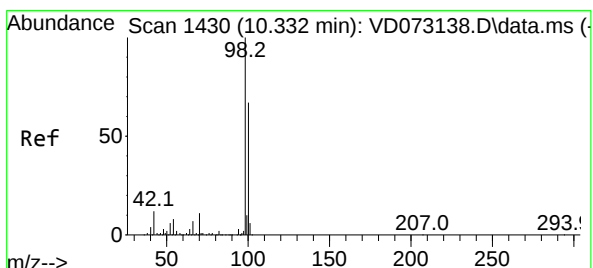
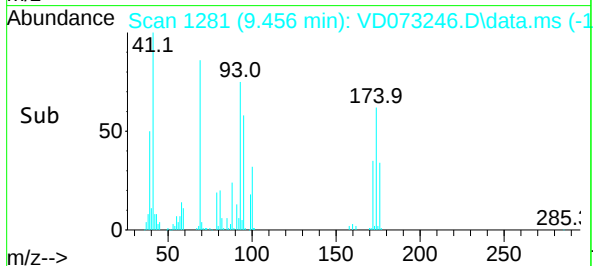
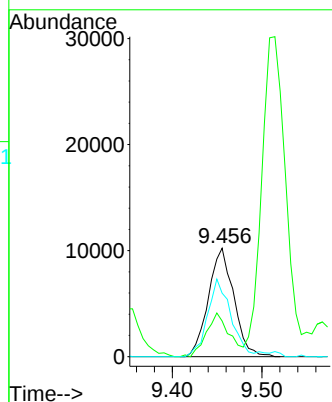


#49
1,4-Dioxane
Concen: 1133.347 ug/l
RT: 9.456 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

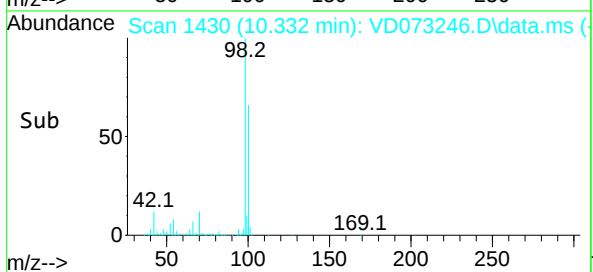
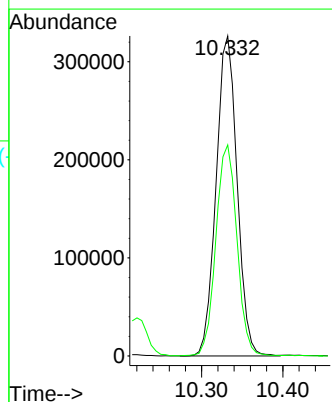
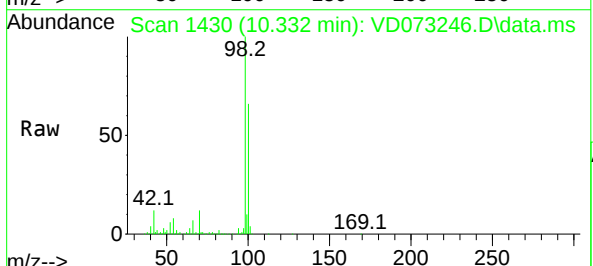


Tgt Ion: 88 Resp: 20120
Ion Ratio Lower Upper
88 100
43 36.8 31.0 46.4
58 65.6 58.1 87.1



#50
Toluene-d8
Concen: 55.502 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 98 Resp: 586645
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6

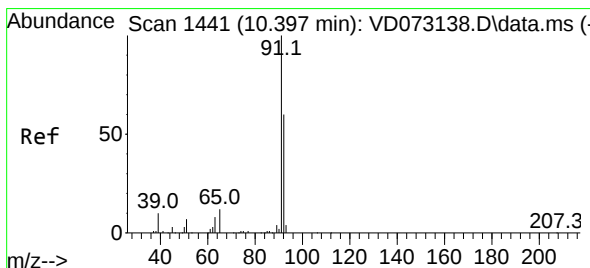
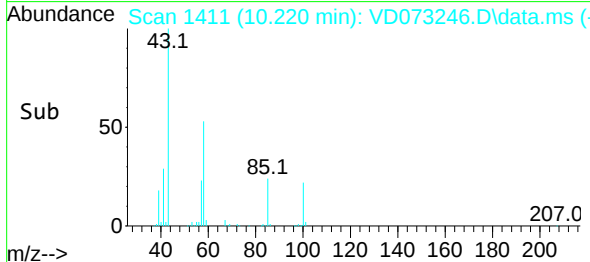
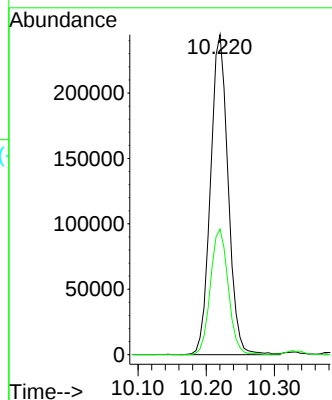
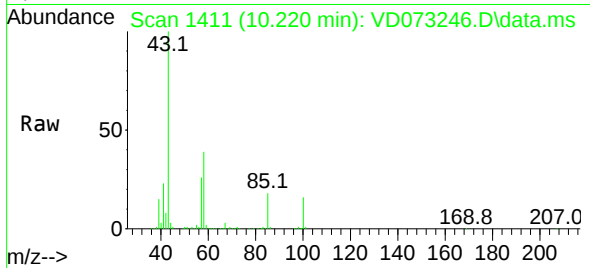




#51
4-Methyl-2-Pentanone
Concen: 269.175 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

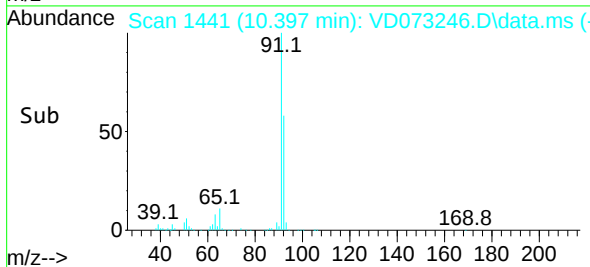
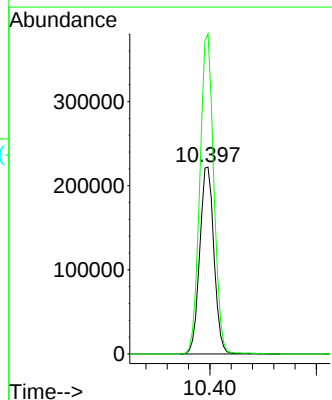
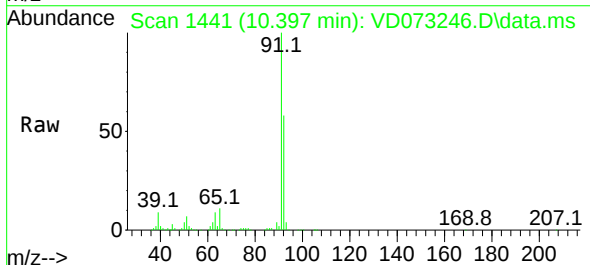
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

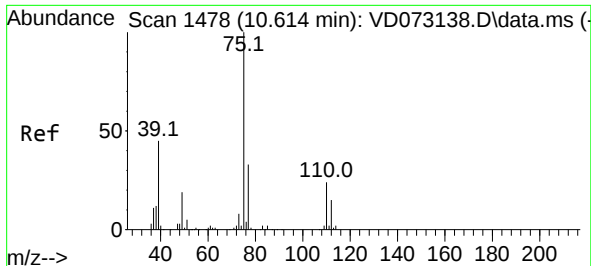
Tgt Ion: 43 Resp: 440176
Ion Ratio Lower Upper
43 100
58 39.6 28.6 43.0



#52
Toluene
Concen: 52.531 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 92 Resp: 412573
Ion Ratio Lower Upper
92 100
91 167.6 139.6 209.4

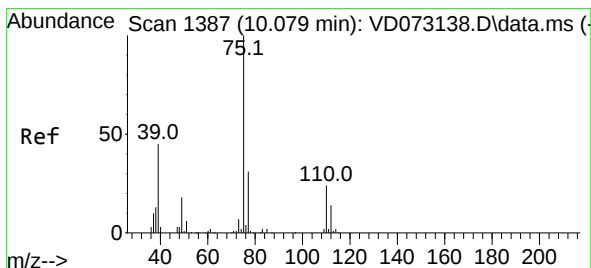
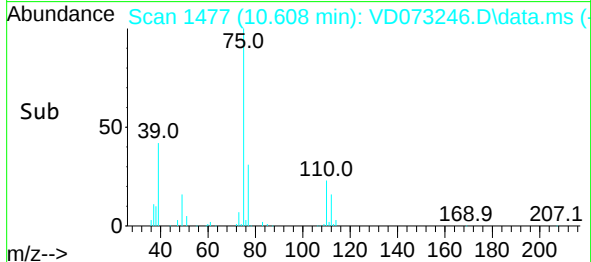
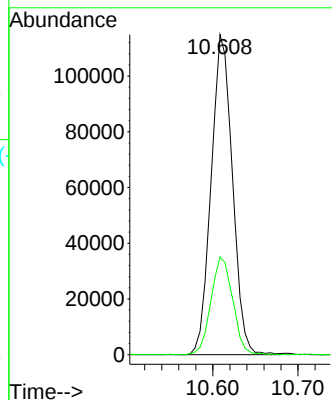
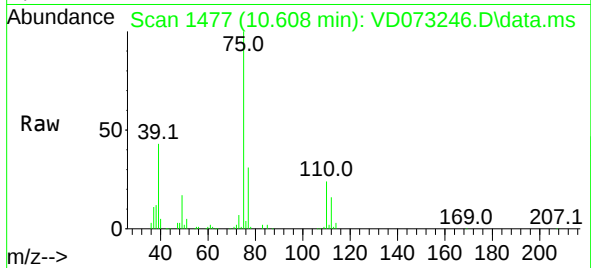




#53
t-1,3-Dichloropropene
Concen: 50.294 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

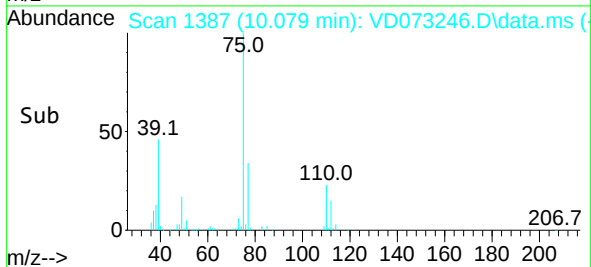
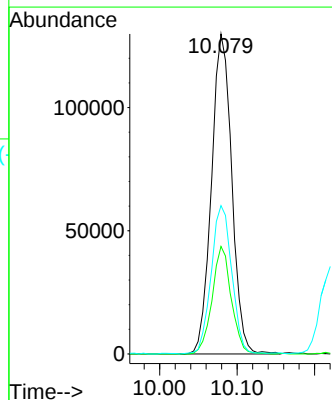
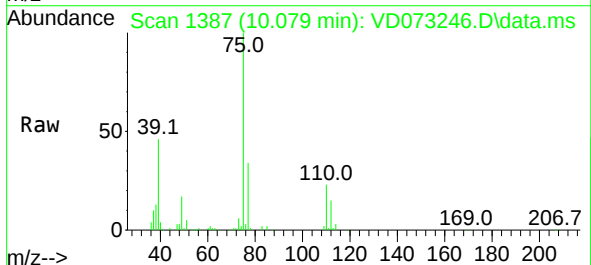
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

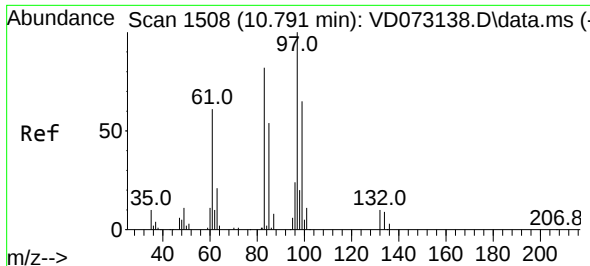
Tgt Ion: 75 Resp: 199857
Ion Ratio Lower Upper
75 100
77 30.5 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 49.710 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 75 Resp: 236386
Ion Ratio Lower Upper
75 100
77 33.6 24.8 37.2
39 46.4 46.8 70.2#



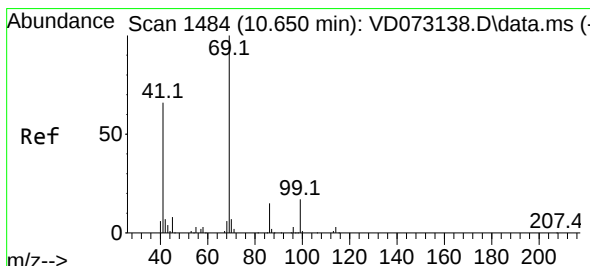
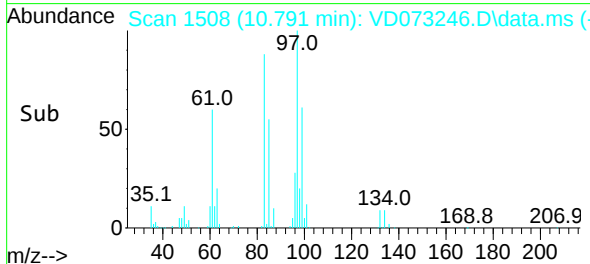
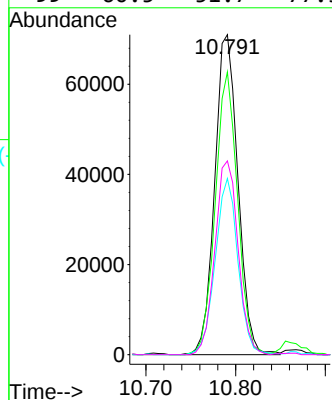
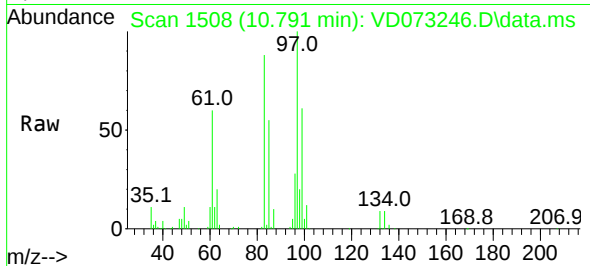


#55
1,1,2-Trichloroethane
Concen: 54.969 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

Tgt Ion: 97 Resp: 127783

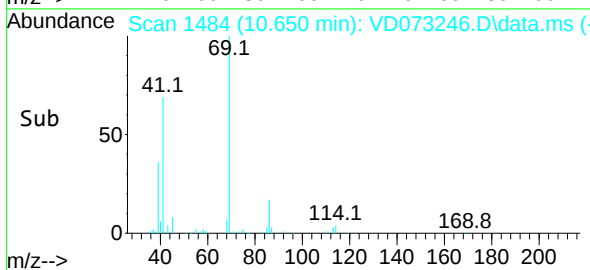
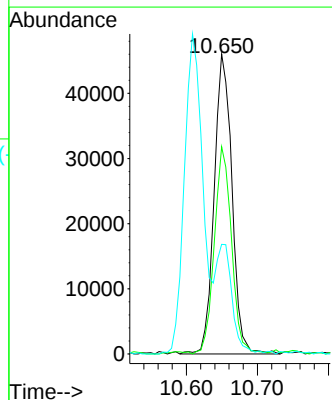
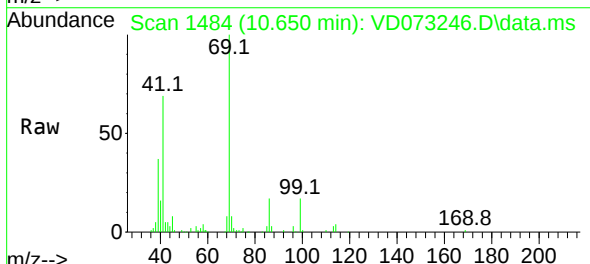
Ion	Ratio	Lower	Upper
97	100		
83	88.3	69.0	103.4
85	55.0	42.6	63.8
99	60.5	51.7	77.5

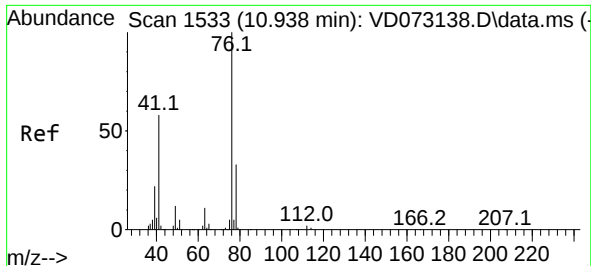


#56
Ethyl methacrylate
Concen: 30.892 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 69 Resp: 79844

Ion	Ratio	Lower	Upper
69	100		
41	67.1	63.0	94.6
39	32.0	33.8	50.8

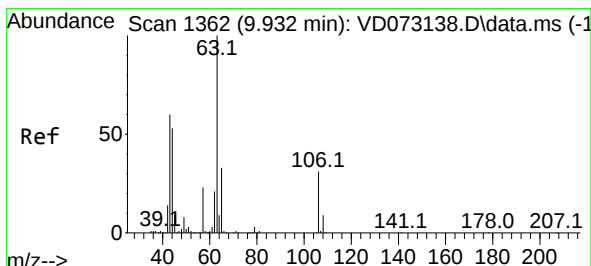
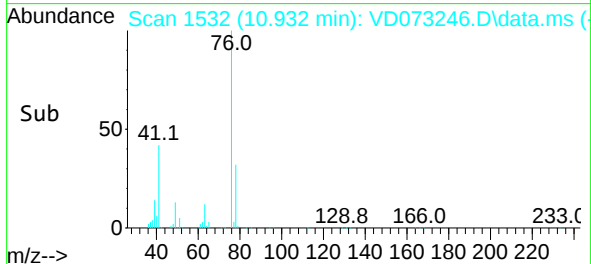
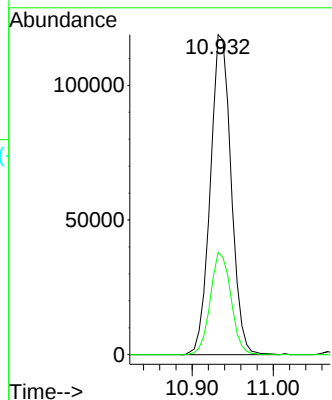
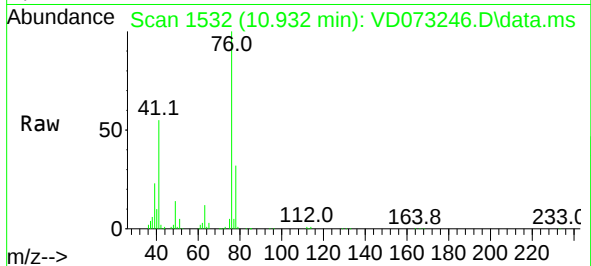




#57
1,3-Dichloropropane
Concen: 54.280 ug/l
RT: 10.932 min Scan# 111
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

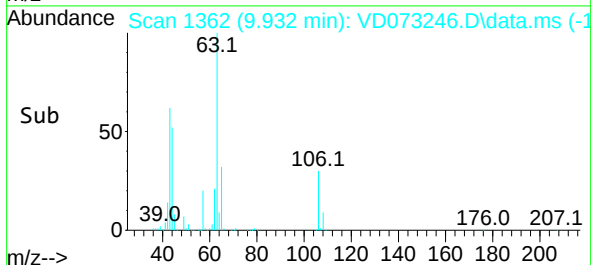
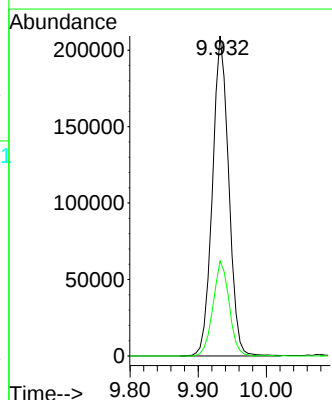
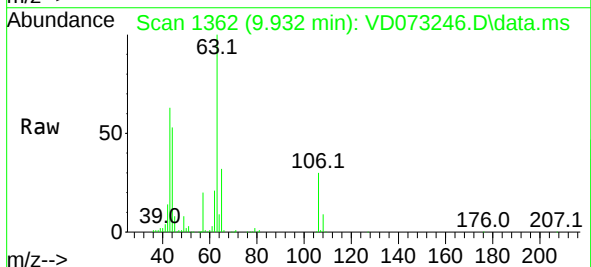
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

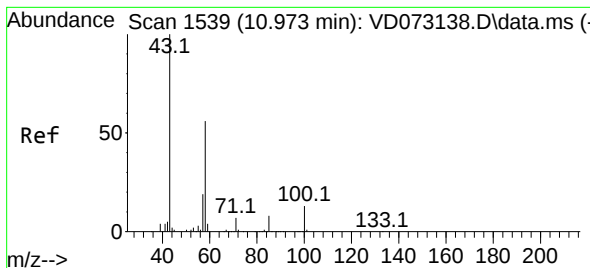
Tgt Ion: 76 Resp: 211720
Ion Ratio Lower Upper
76 100
78 31.7 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 280.481 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 63 Resp: 347962
Ion Ratio Lower Upper
63 100
106 29.3 21.4 32.0





#59

2-Hexanone

Concen: 274.878 ug/l

RT: 10.973 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

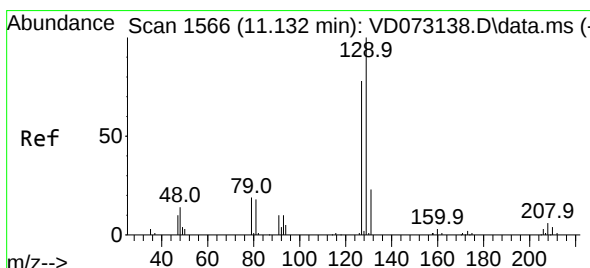
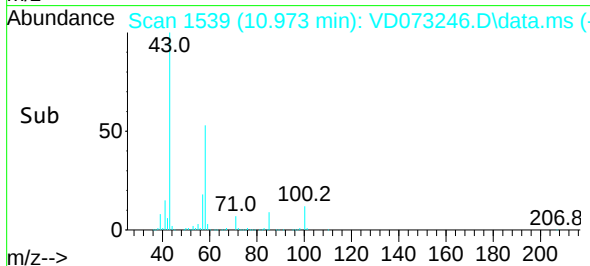
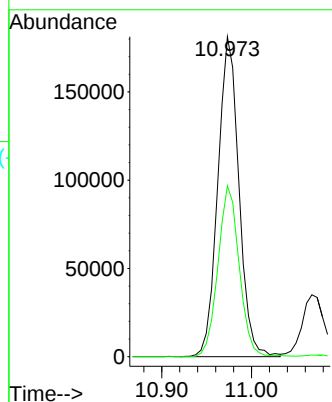
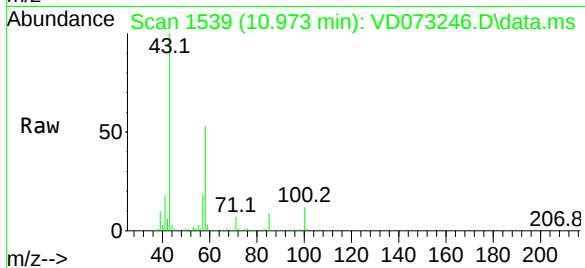
P024-SS001-2430-01MS

Tgt Ion: 43 Resp: 296350

Ion Ratio Lower Upper

43 100

58 53.7 25.3 75.9



#60

Dibromochloromethane

Concen: 53.813 ug/l

RT: 11.132 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VD073246.D

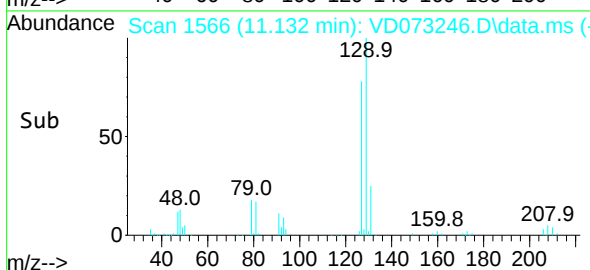
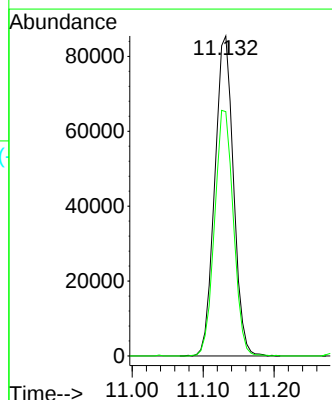
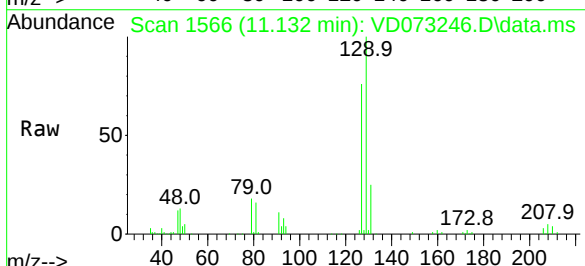
Acq: 21 May 2022 23:17

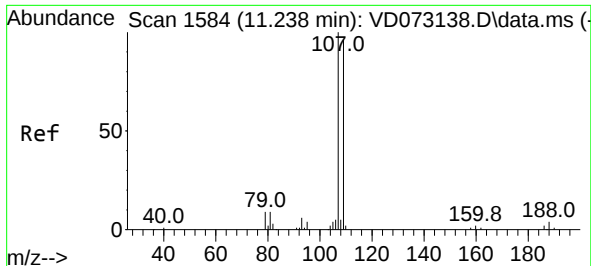
Tgt Ion:129 Resp: 155983

Ion Ratio Lower Upper

129 100

127 77.3 39.2 117.6

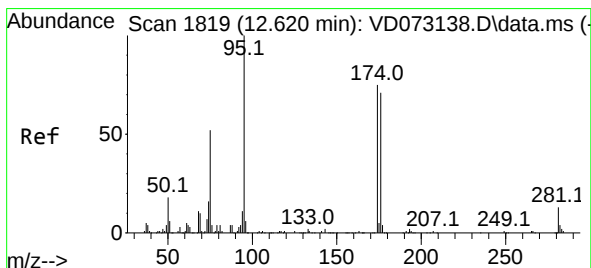
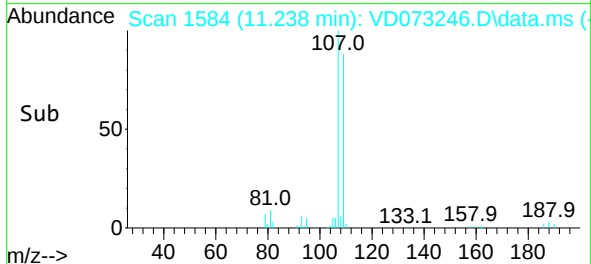
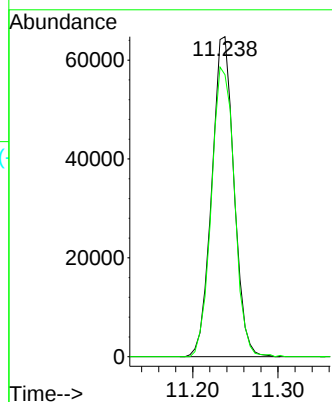
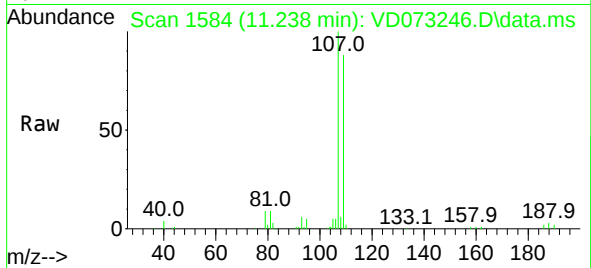




#61
1,2-Dibromoethane
Concen: 52.715 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

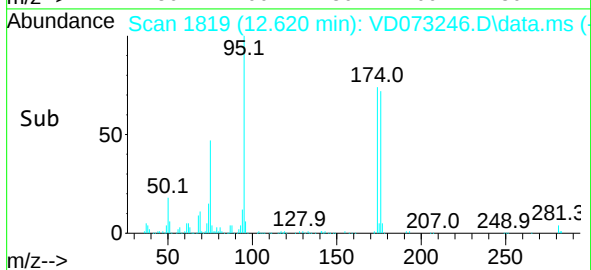
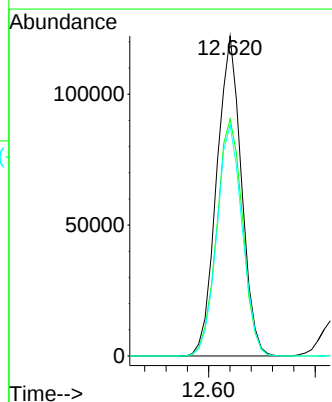
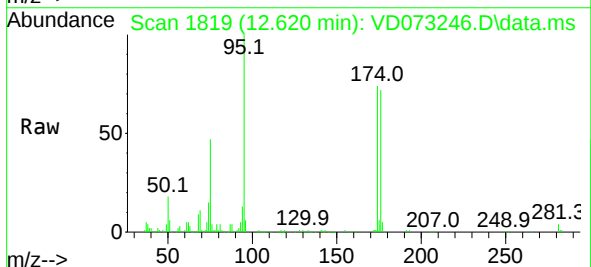
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

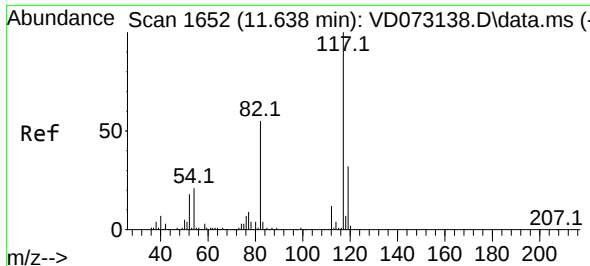
Tgt Ion:107 Resp: 117098
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.054 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 95 Resp: 196800
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 74.0 0.0 145.4

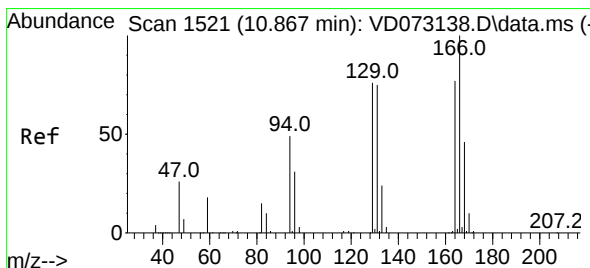
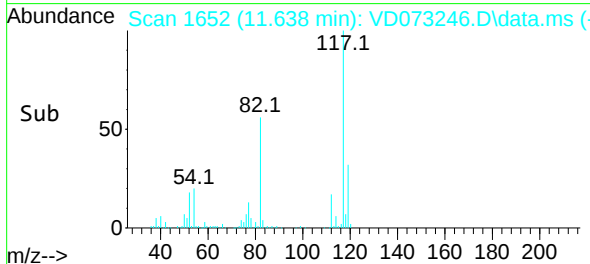
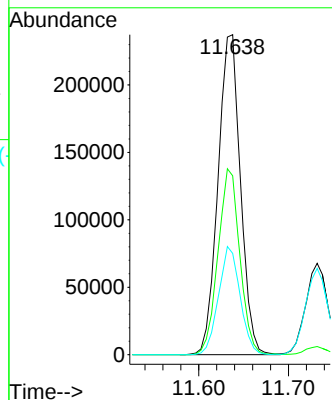
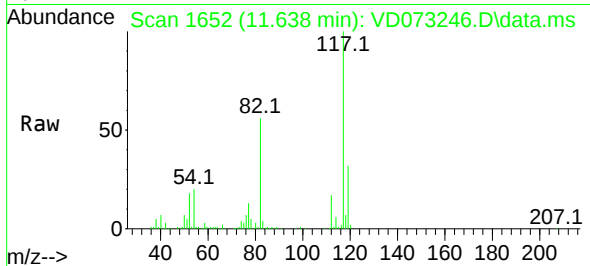




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

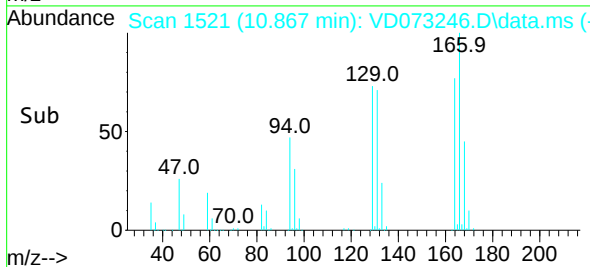
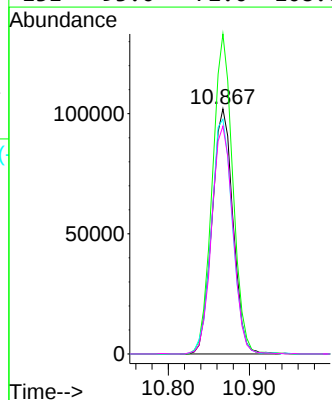
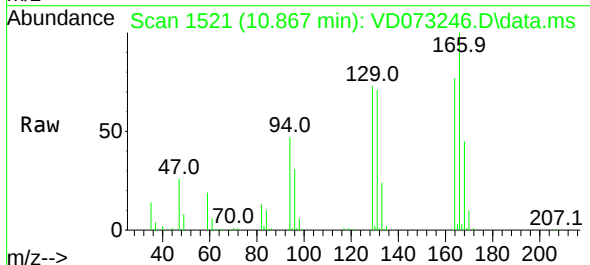
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

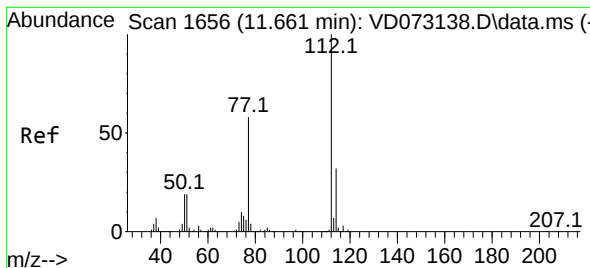
Tgt Ion:117 Resp: 412937
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.7 26.6 40.0



#64
Tetrachloroethene
Concen: 67.633 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:164 Resp: 182924
Ion Ratio Lower Upper
164 100
166 130.6 98.5 147.7
129 95.8 74.6 111.8
131 93.0 72.0 108.0





#65

Chlorobenzene

Concen: 49.467 ug/l

RT: 11.655 min Scan# 1655

Delta R.T. -0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

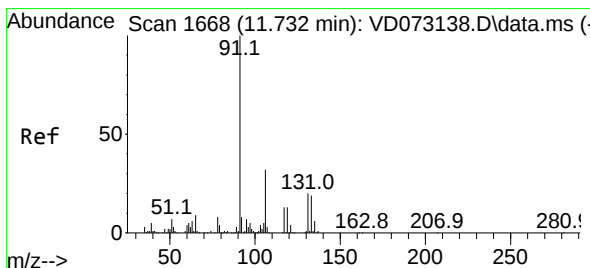
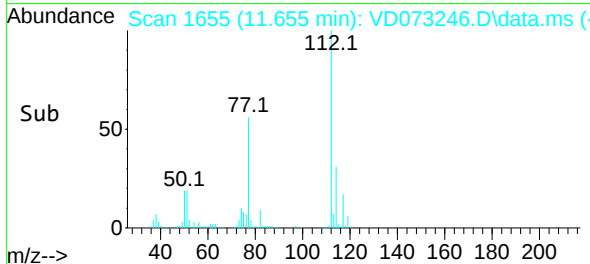
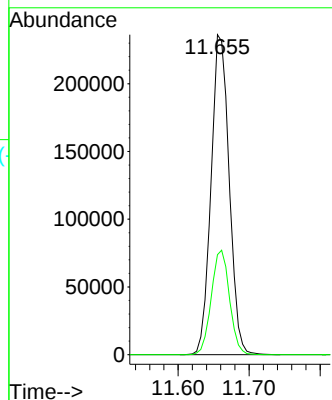
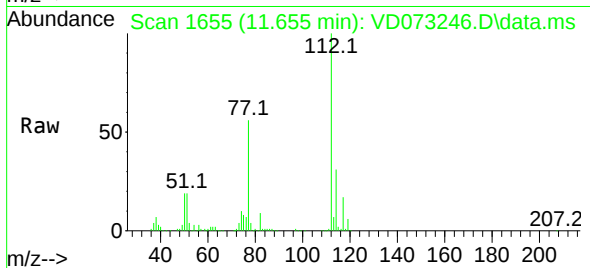
P024-SS001-2430-01MS

Tgt Ion:112 Resp: 419046

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.428 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

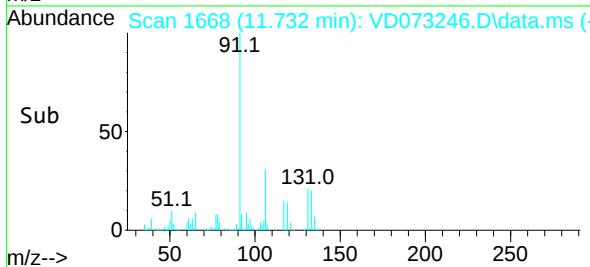
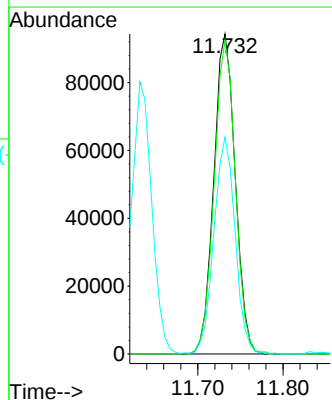
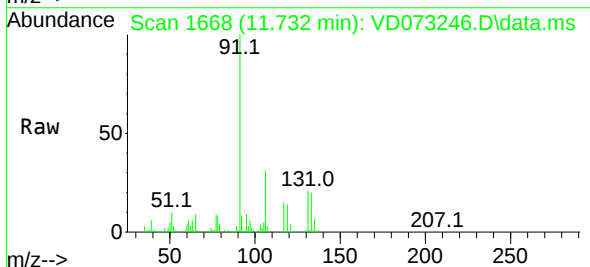
Tgt Ion:131 Resp: 164717

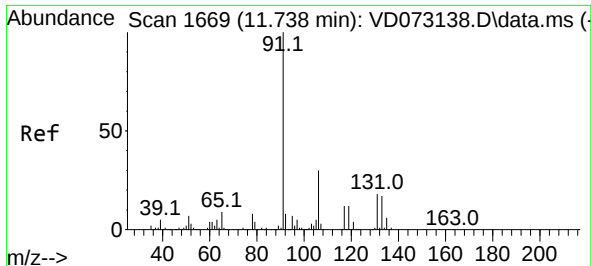
Ion Ratio Lower Upper

131 100

133 97.0 48.1 144.3

119 67.2 31.9 95.9

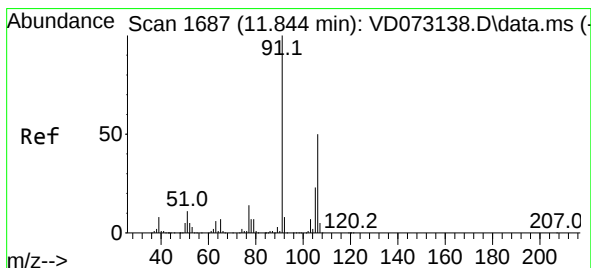
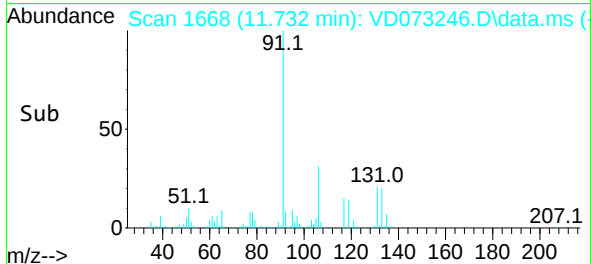
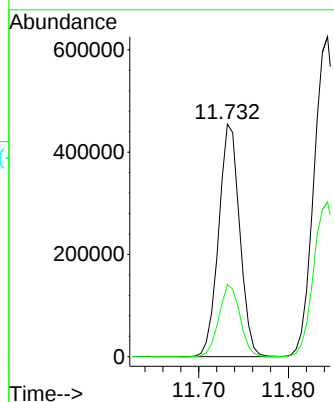
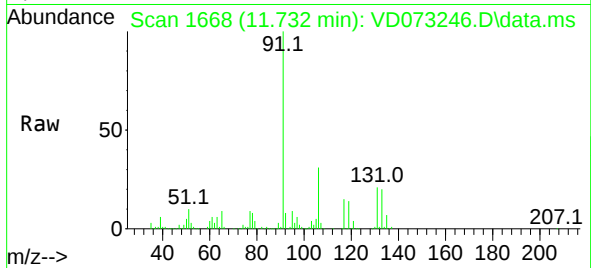




#67
Ethyl Benzene
Concen: 49.843 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

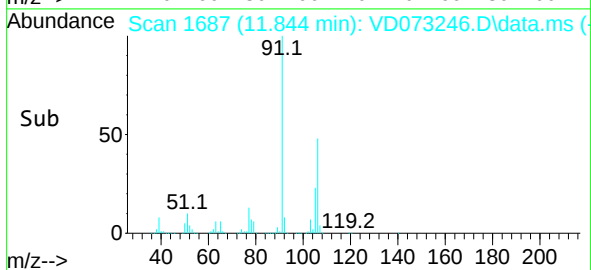
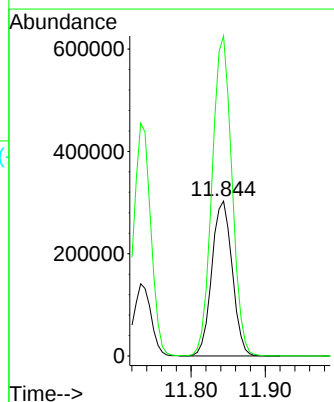
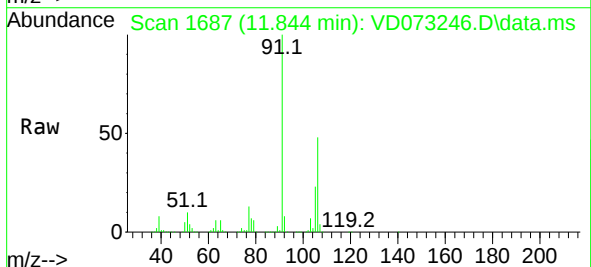
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

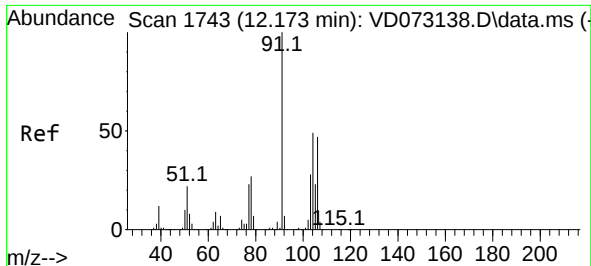
Tgt Ion: 91 Resp: 741216
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 99.893 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:106 Resp: 577143
Ion Ratio Lower Upper
106 100
91 201.7 163.7 245.5





#69

o-Xylene

Concen: 51.753 ug/l

RT: 12.167 min Scan# 1742

Delta R.T. -0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

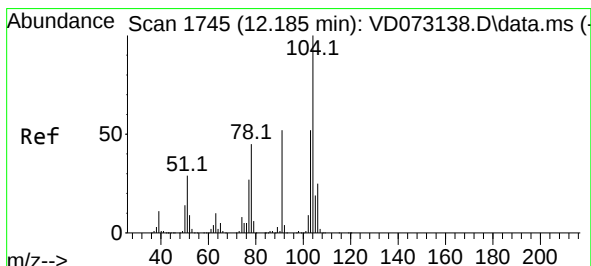
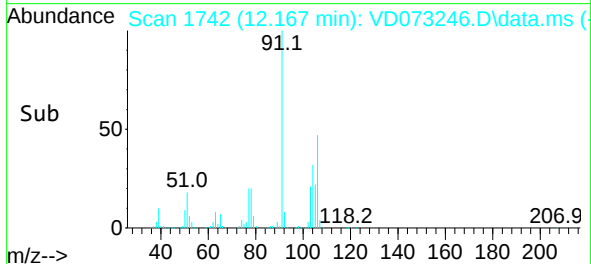
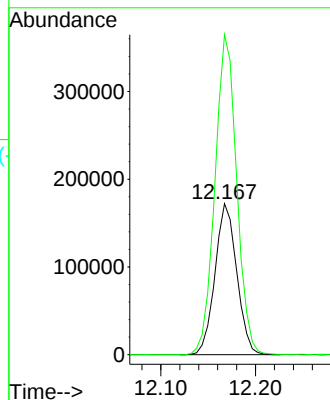
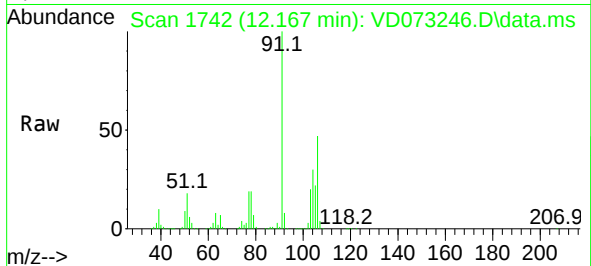
P024-SS001-2430-01MS

Tgt Ion:106 Resp: 274687

Ion Ratio Lower Upper

106 100

91 212.0 110.4 331.2



#70

Styrene

Concen: 52.786 ug/l

RT: 12.185 min Scan# 1745

Delta R.T. -0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

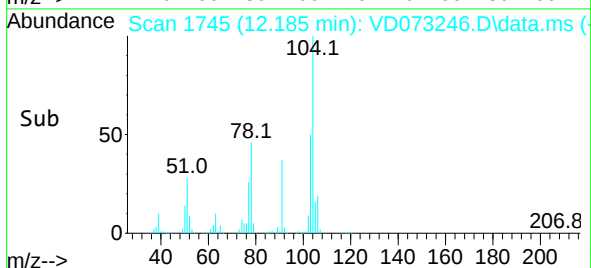
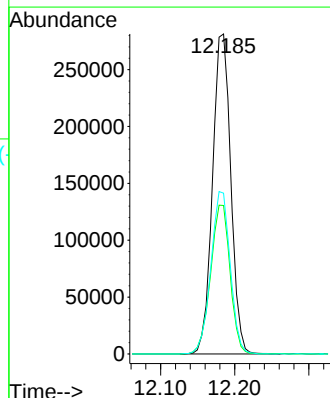
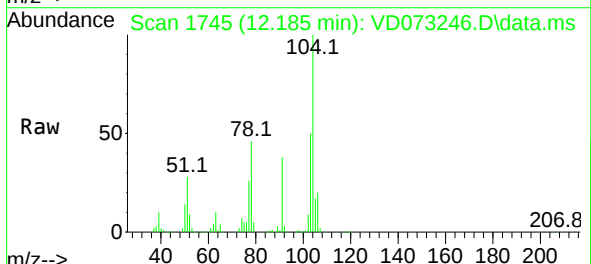
Tgt Ion:104 Resp: 482020

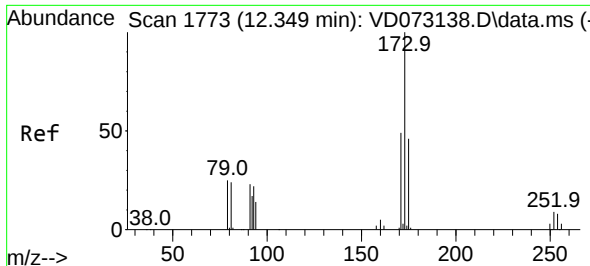
Ion Ratio Lower Upper

104 100

78 49.6 41.8 62.8

103 53.7 44.2 66.4

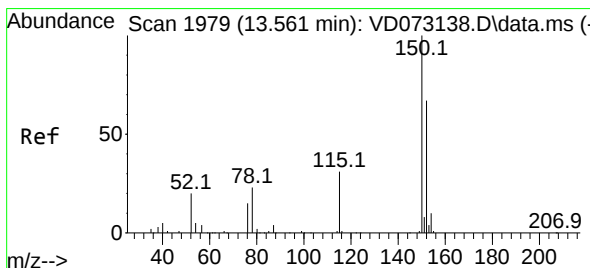
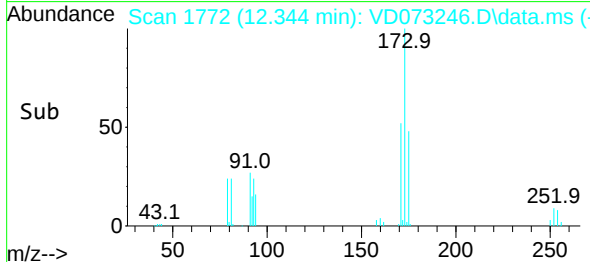
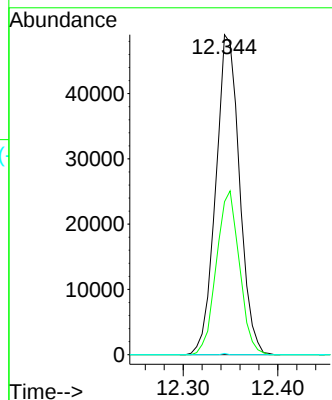
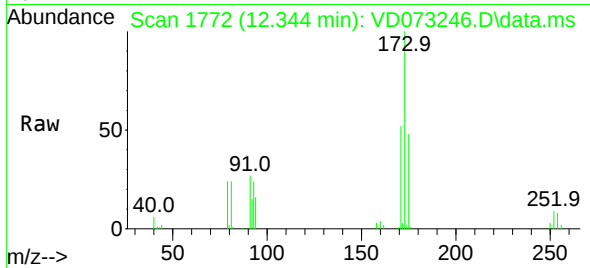




#71
Bromoform
Concen: 52.870 ug/l
RT: 12.344 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

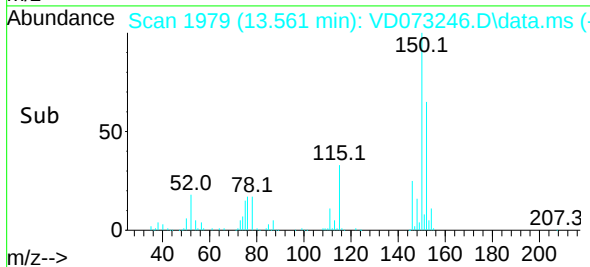
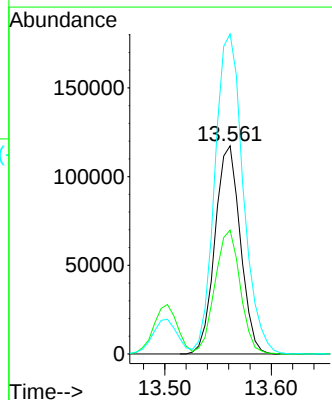
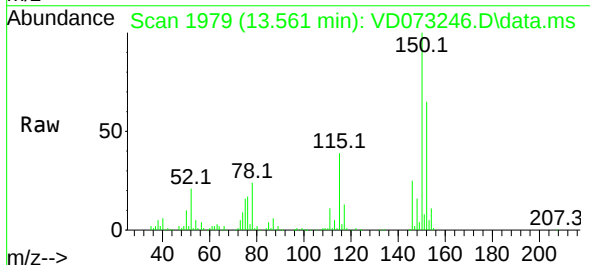
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

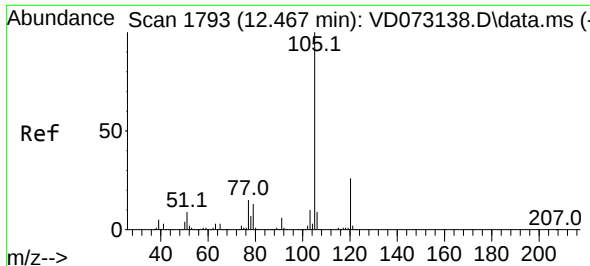
Tgt Ion:173 Resp: 85488
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:152 Resp: 193583
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 171.7 0.0 348.6

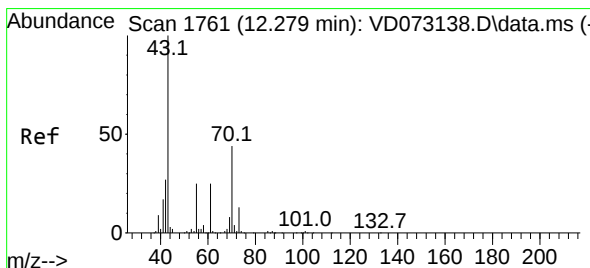
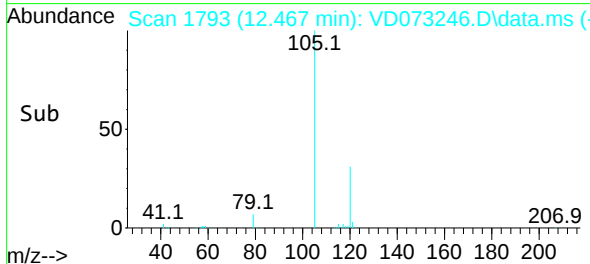
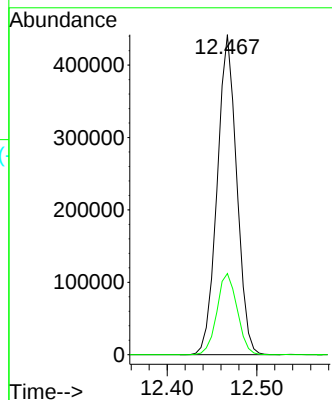
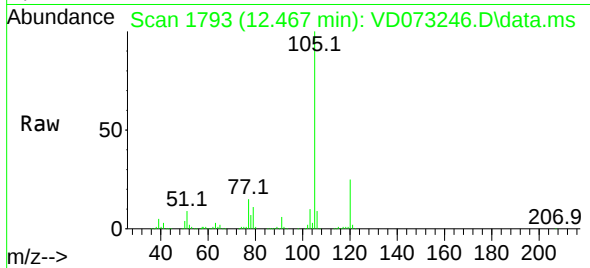




#73
Isopropylbenzene
Concen: 48.426 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

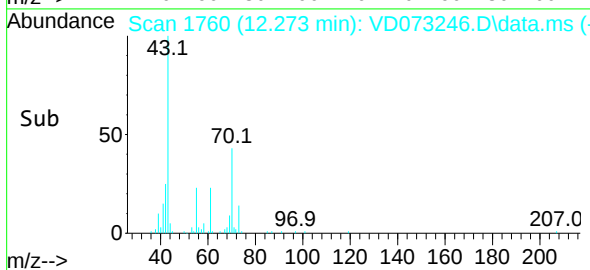
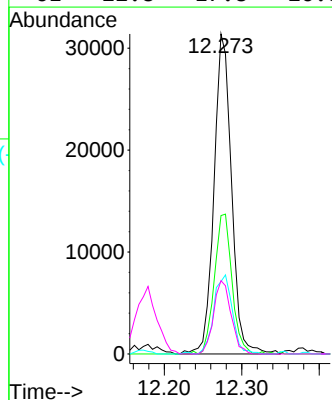
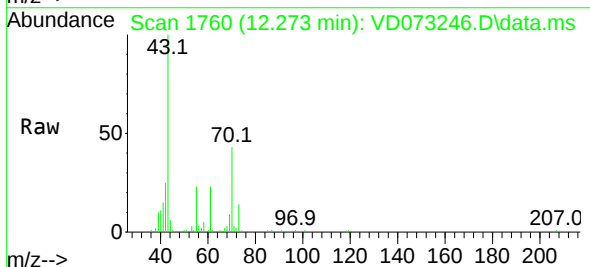
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

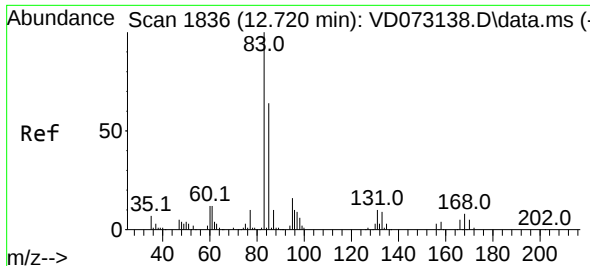
Tgt Ion:105 Resp: 668299
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 16.482 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 43 Resp: 49621
Ion Ratio Lower Upper
43 100
70 43.8 31.3 46.9
55 26.0 20.0 30.0
61 22.8 17.8 26.8

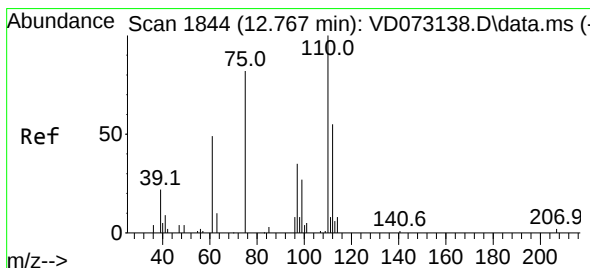
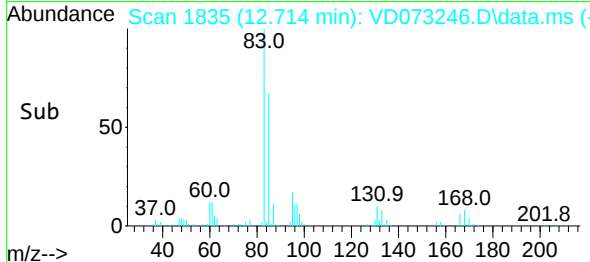
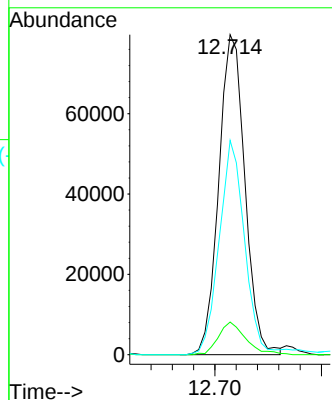
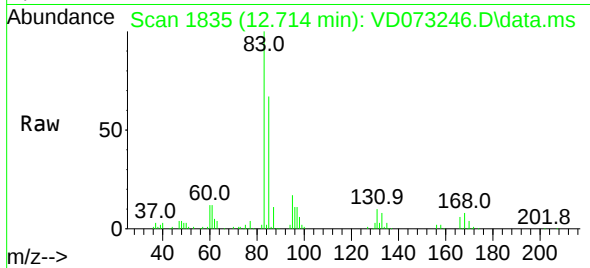




#75
1,1,2,2-Tetrachloroethane
Concen: 53.308 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

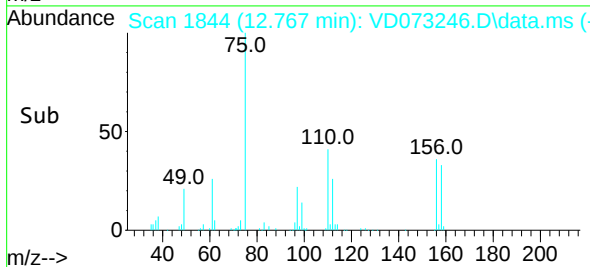
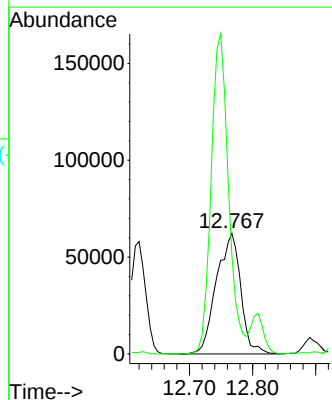
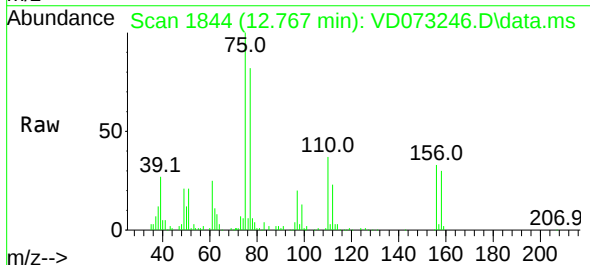
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

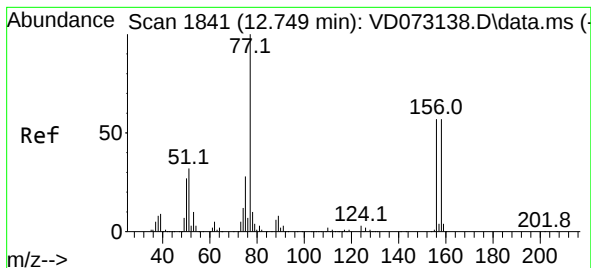
Tgt Ion: 83 Resp: 135680
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 64.5 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 87.671 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 75 Resp: 166520
Ion Ratio Lower Upper
75 100
77 190.6 0.0 0.0#





#77

Bromobenzene

Concen: 51.077 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

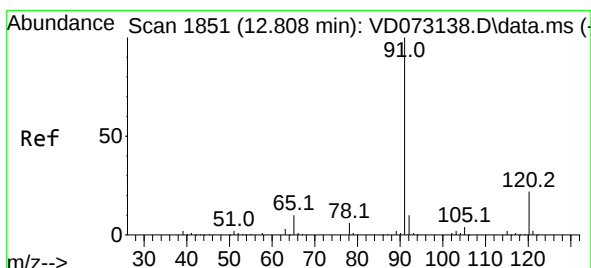
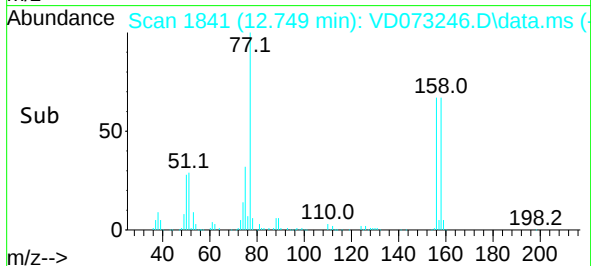
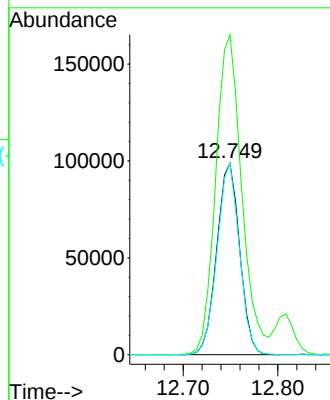
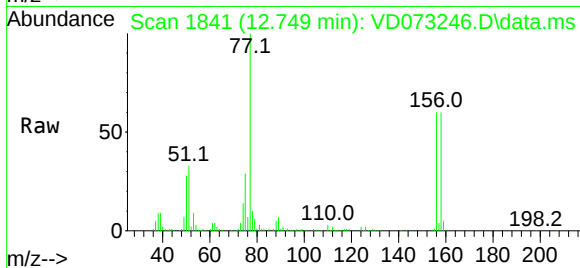
Tgt Ion:156 Resp: 165931

Ion Ratio Lower Upper

156 100

77 191.3 102.8 308.3

158 97.6 48.7 146.1



#78

n-propylbenzene

Concen: 47.556 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073246.D

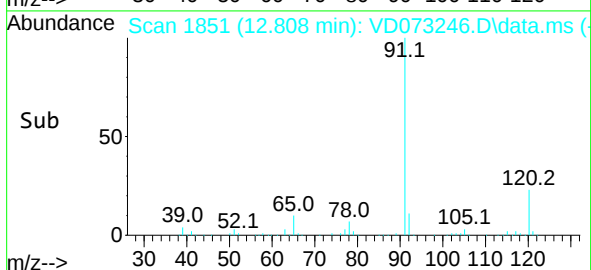
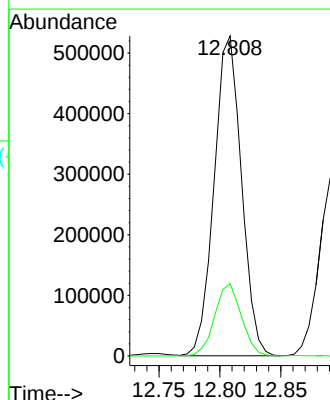
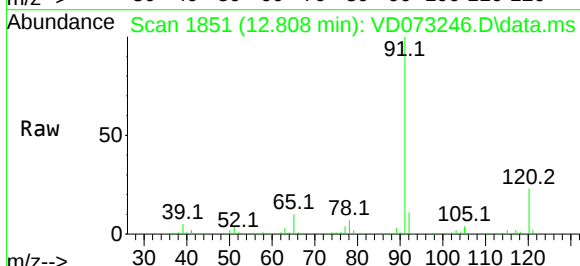
Acq: 21 May 2022 23:17

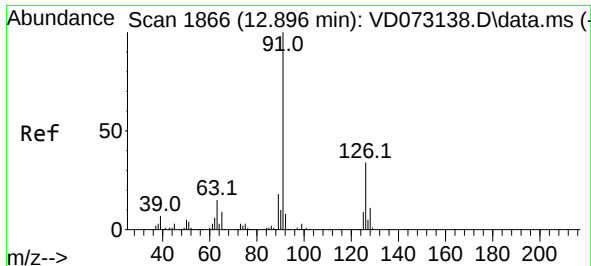
Tgt Ion: 91 Resp: 823918

Ion Ratio Lower Upper

91 100

120 22.1 10.9 32.9

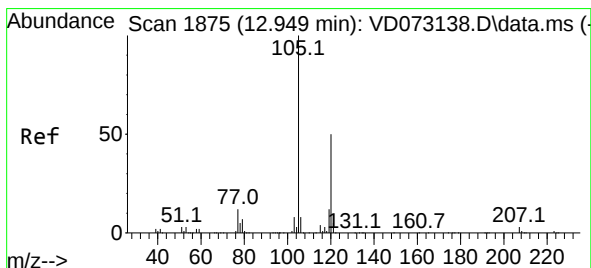
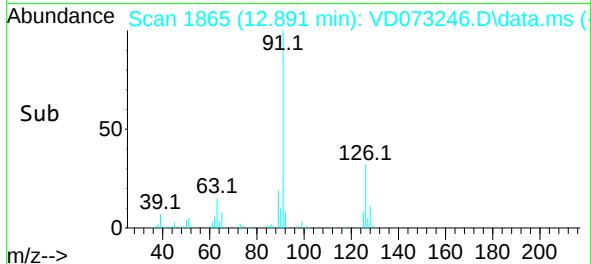
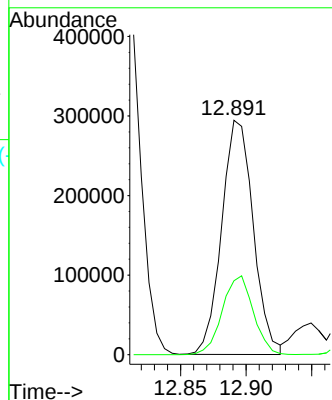
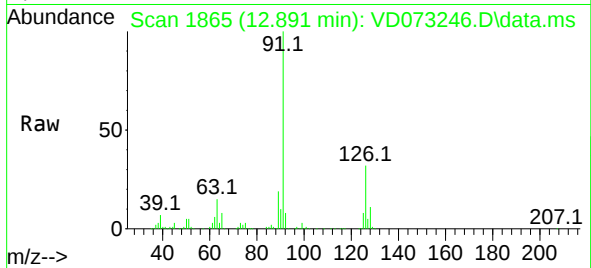




#79
2-Chlorotoluene
Concen: 49.341 ug/l
RT: 12.891 min Scan# 1865
Delta R.T. -0.005 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

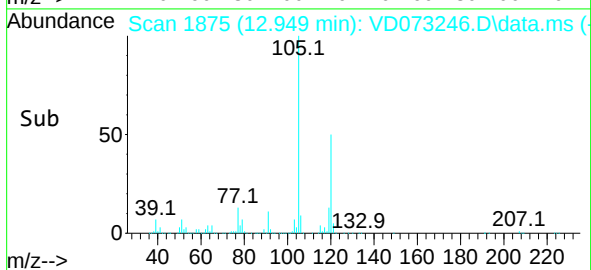
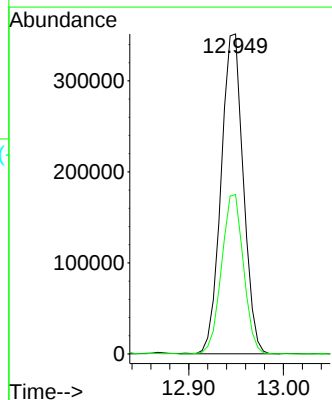
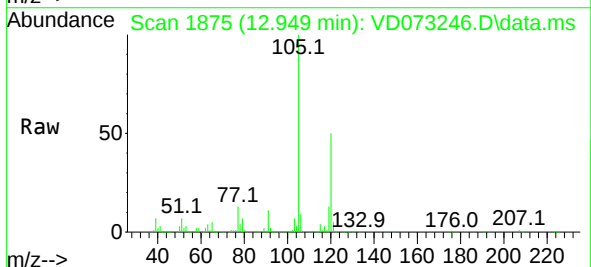
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

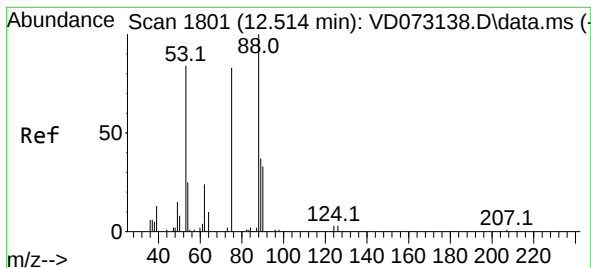
Tgt Ion: 91 Resp: 493582
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.043 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 105 Resp: 573331
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

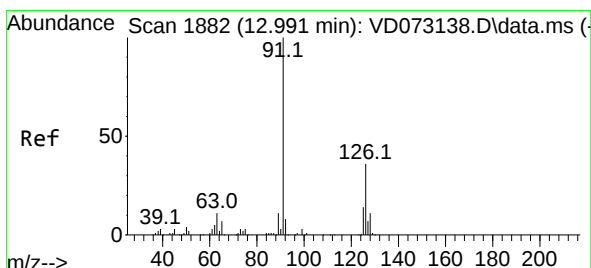
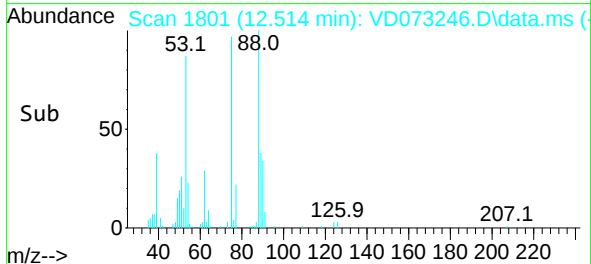
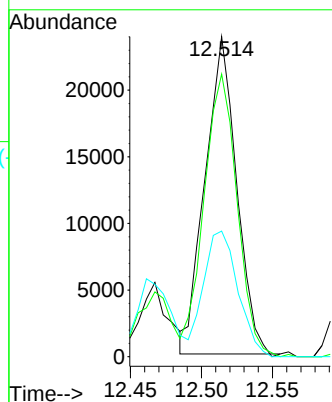
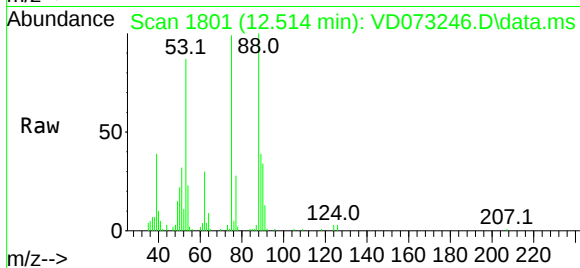




#81
trans-1,4-Dichloro-2-butene
Concen: 46.337 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

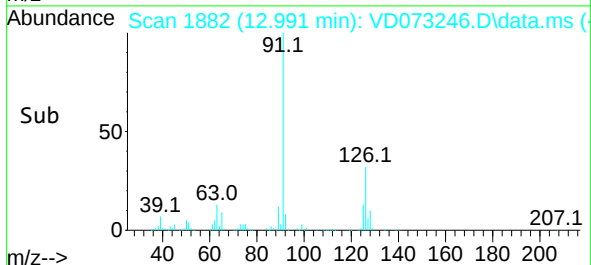
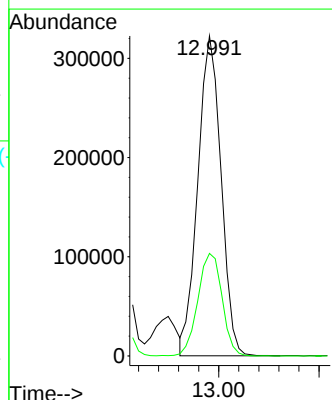
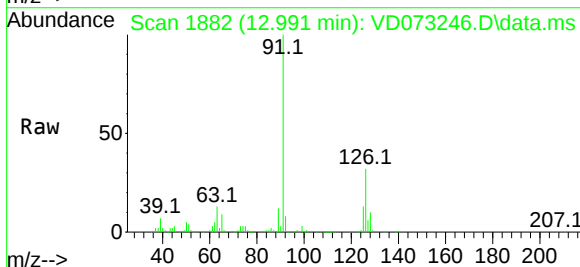
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

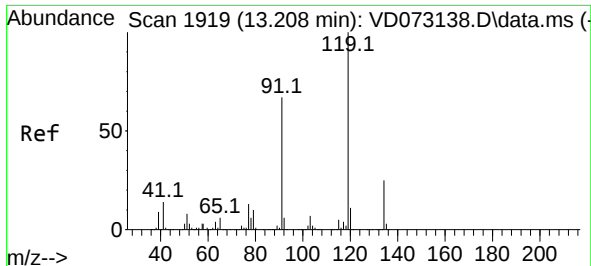
Tgt Ion: 75 Resp: 36661
Ion Ratio Lower Upper
75 100
53 93.9 86.5 129.7
89 43.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.471 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 91 Resp: 518715
Ion Ratio Lower Upper
91 100
126 33.5 16.5 49.5

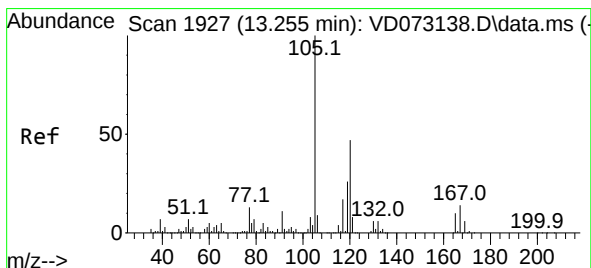
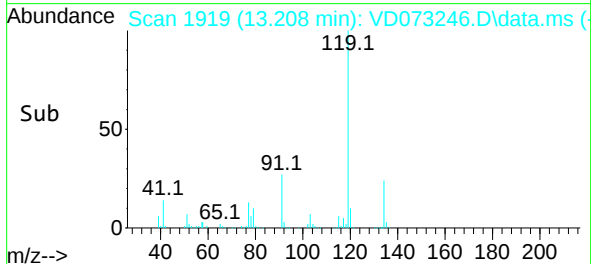
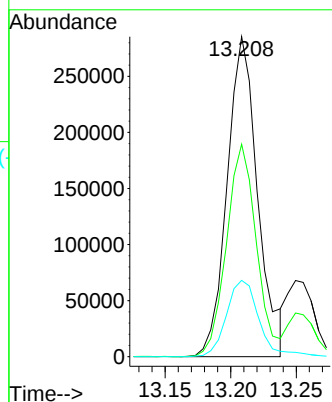
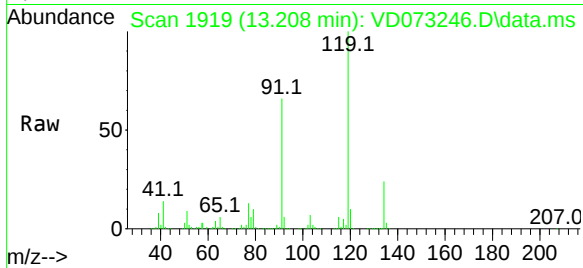




#83
tert-Butylbenzene
Concen: 46.972 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

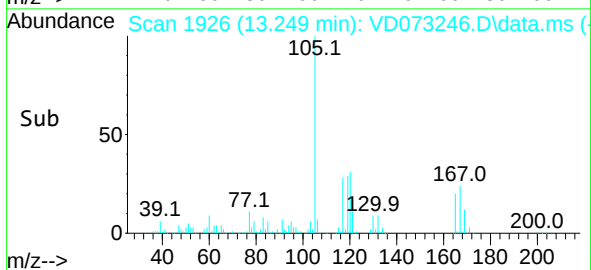
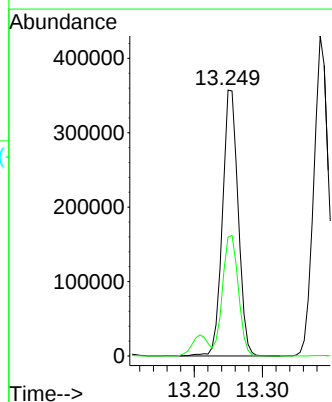
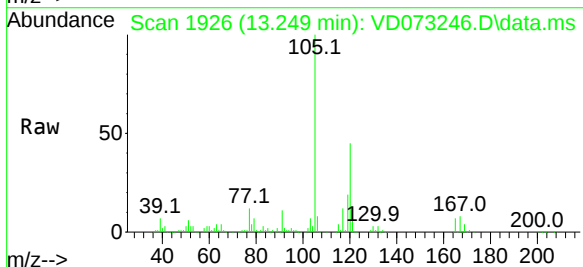
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

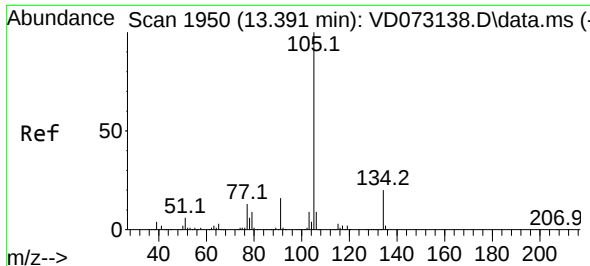
Tgt Ion:119 Resp: 462794
Ion Ratio Lower Upper
119 100
91 65.0 34.8 104.5
134 25.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 49.539 ug/l
RT: 13.249 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:105 Resp: 572114
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.8

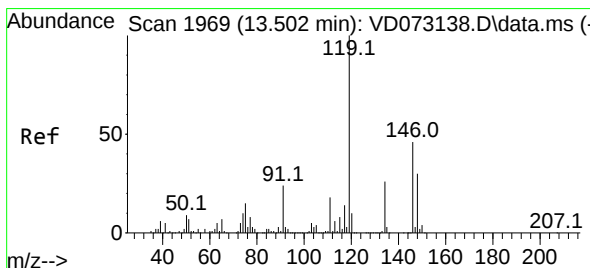
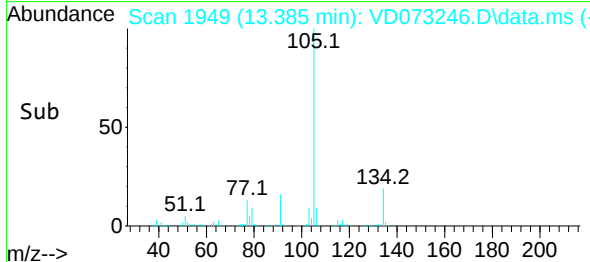
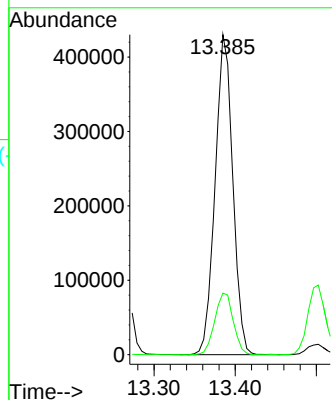
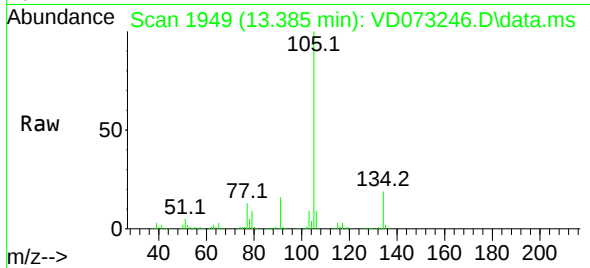




#85
 sec-Butylbenzene
 Concen: 43.220 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073246.D
 Acq: 21 May 2022 23:17

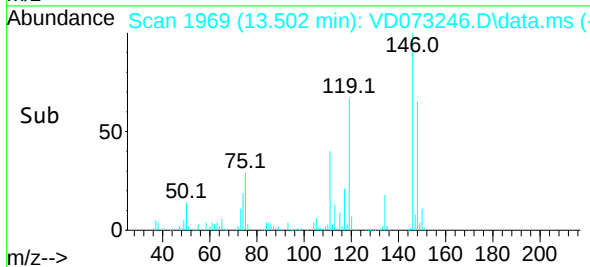
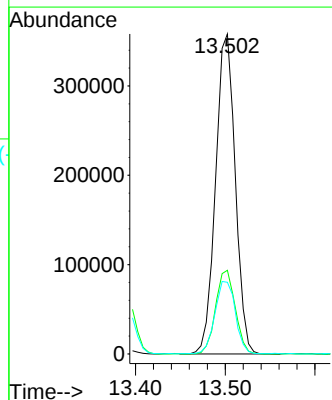
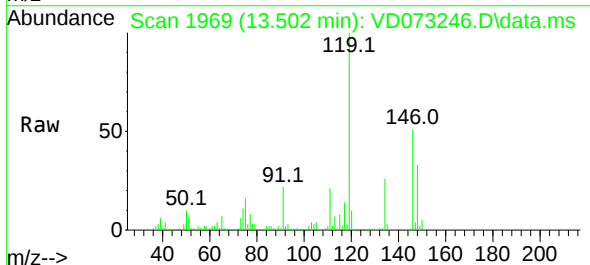
Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-2430-01MS

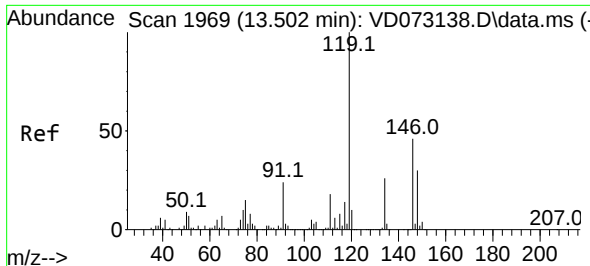
Tgt Ion:105 Resp: 650199
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 44.400 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073246.D
 Acq: 21 May 2022 23:17

Tgt Ion:119 Resp: 544497
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 23.5 12.1 36.3

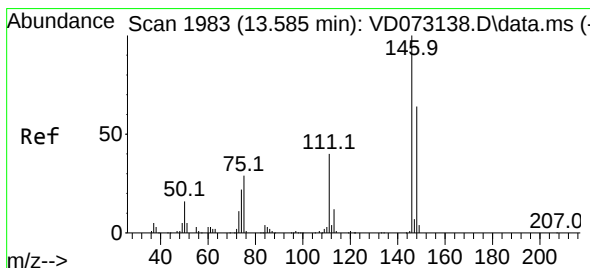
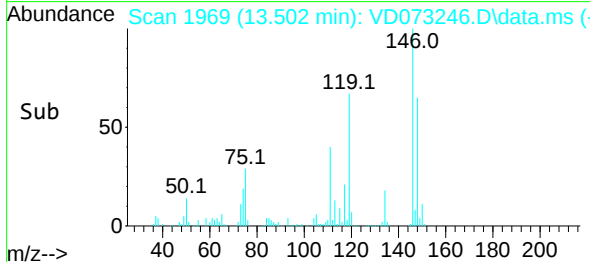
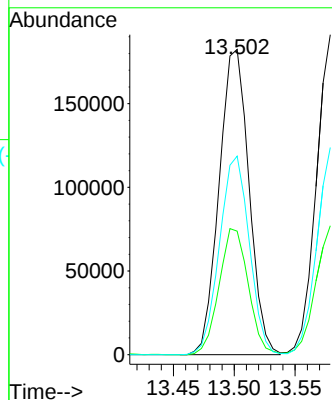
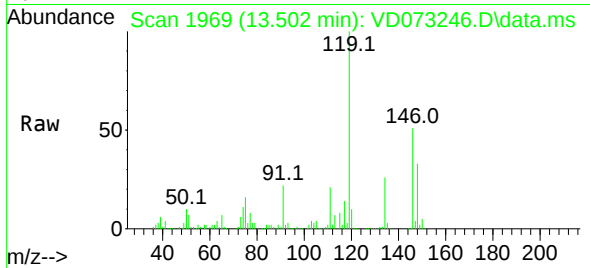




#87
1,3-Dichlorobenzene
Concen: 47.609 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

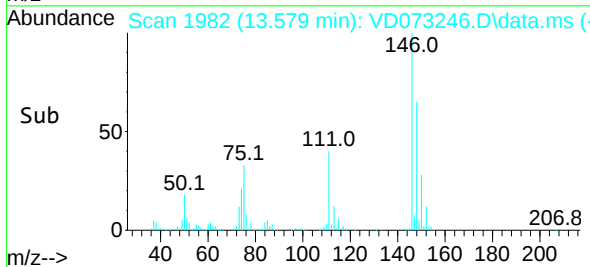
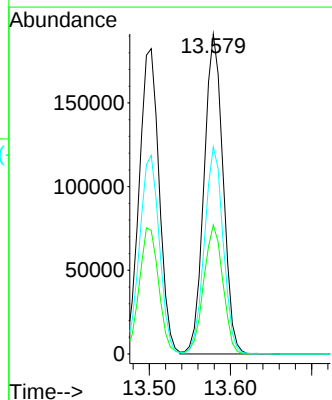
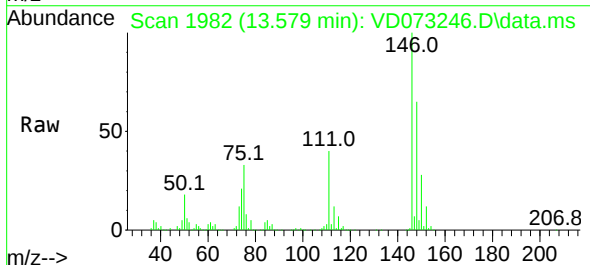
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

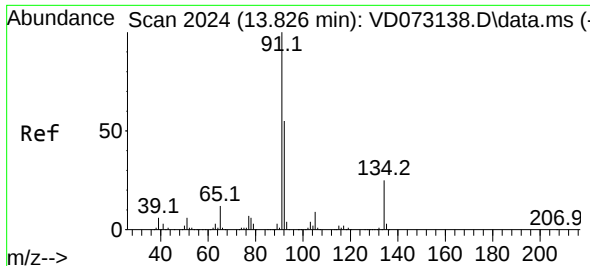
Tgt Ion:146 Resp: 311751
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 65.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 46.937 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:146 Resp: 310250
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 63.9 31.7 95.1

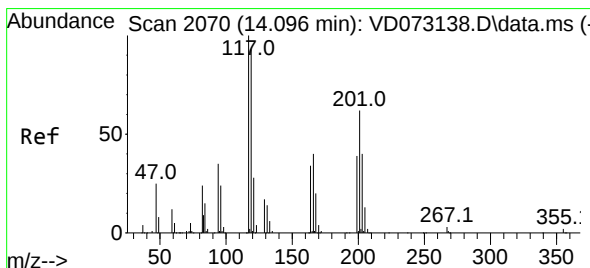
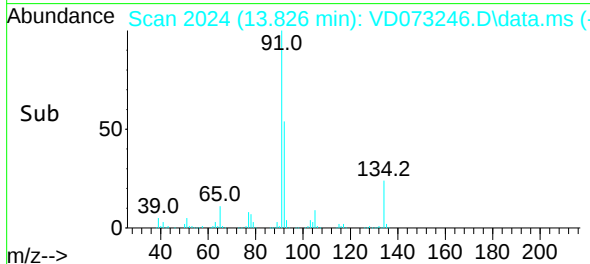
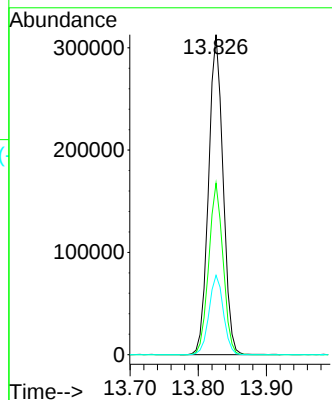
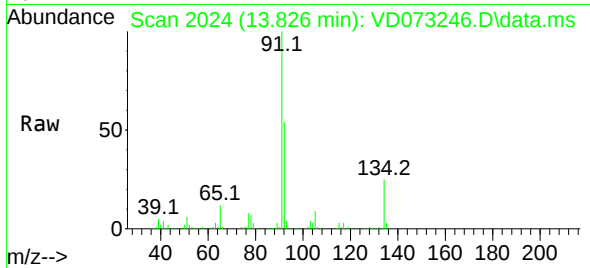




#89
n-Butylbenzene
Concen: 39.704 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

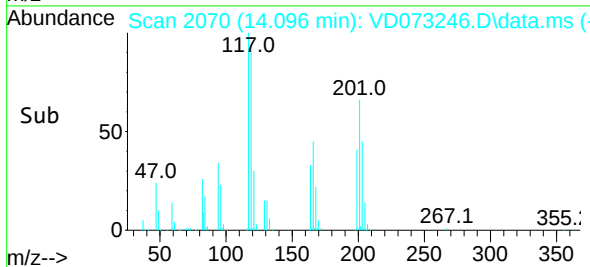
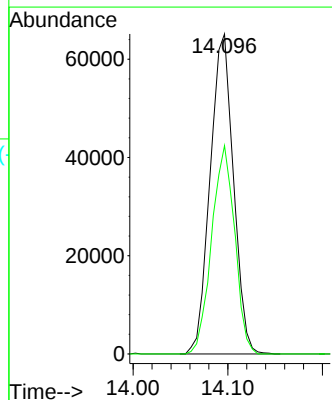
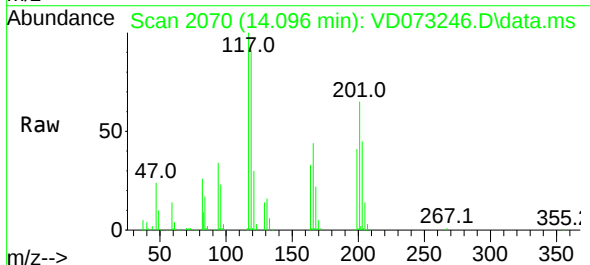
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

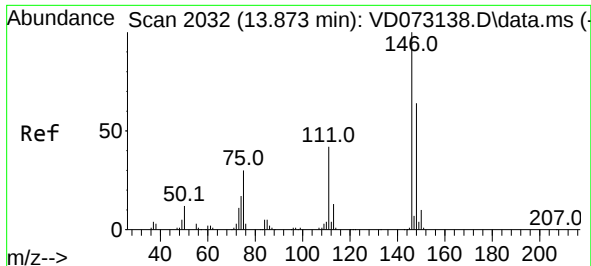
Tgt Ion: 91 Resp: 463930
Ion Ratio Lower Upper
91 100
92 52.8 26.6 79.8
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 43.966 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 117 Resp: 111564
Ion Ratio Lower Upper
117 100
201 64.2 33.4 100.2

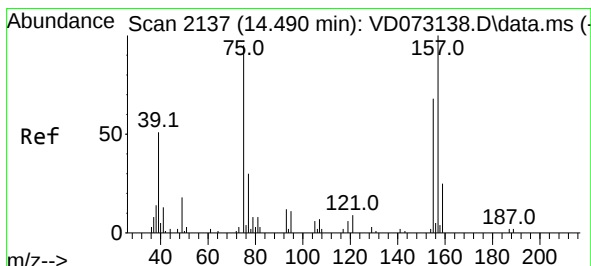
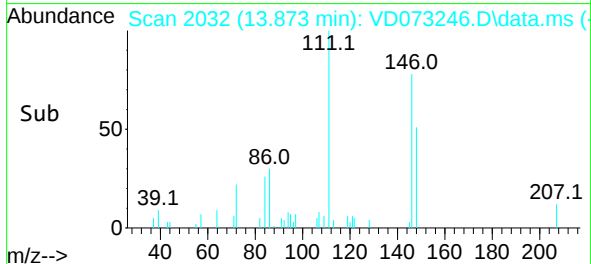
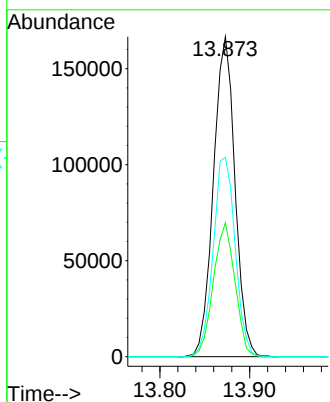
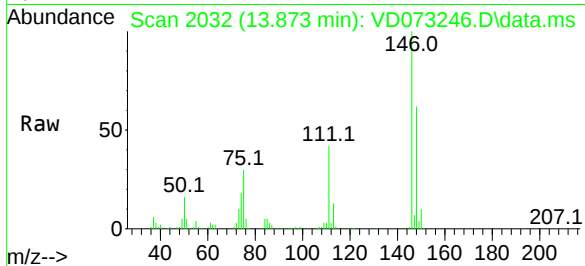




#91
1,2-Dichlorobenzene
Concen: 49.033 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

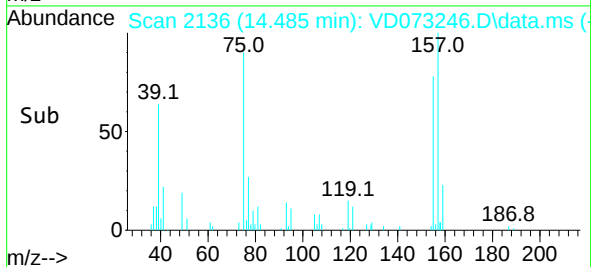
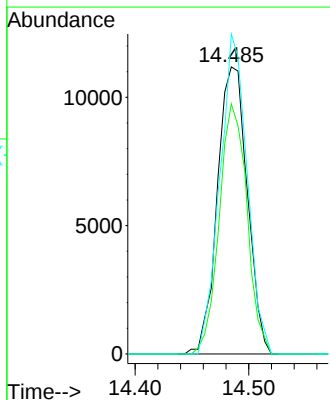
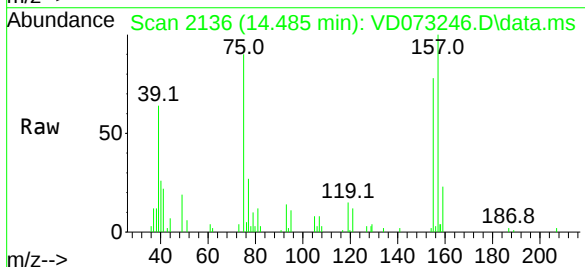
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

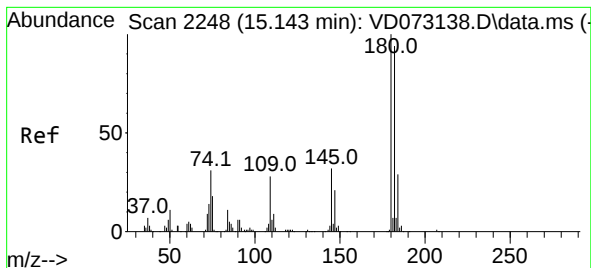
Tgt Ion:146 Resp: 277803
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.492 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion: 75 Resp: 20460
Ion Ratio Lower Upper
75 100
155 80.8 36.8 110.3
157 102.0 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 39.428 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-2430-01MS

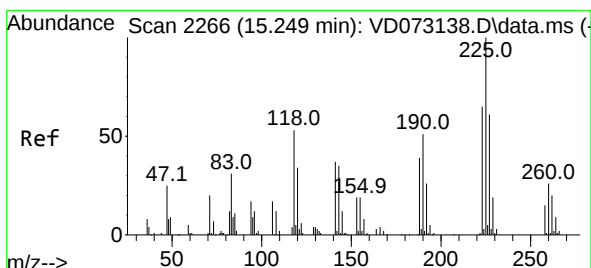
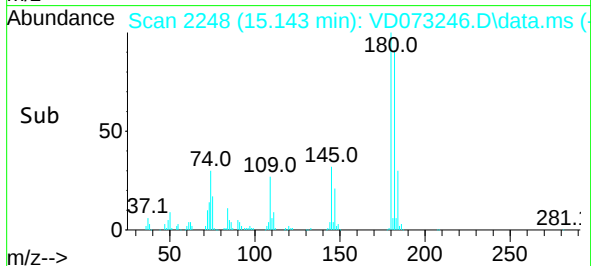
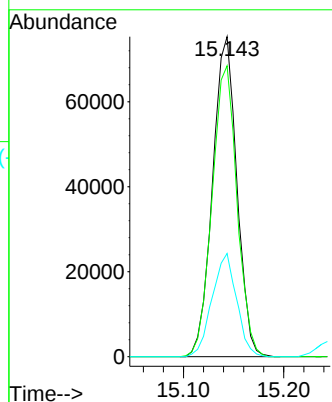
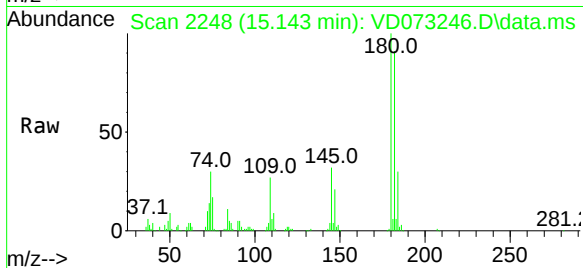
Tgt Ion:180 Resp: 126821

Ion Ratio Lower Upper

180 100

182 93.3 47.3 142.0

145 32.6 16.2 48.5



#94

Hexachlorobutadiene

Concen: 25.705 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD073246.D

Acq: 21 May 2022 23:17

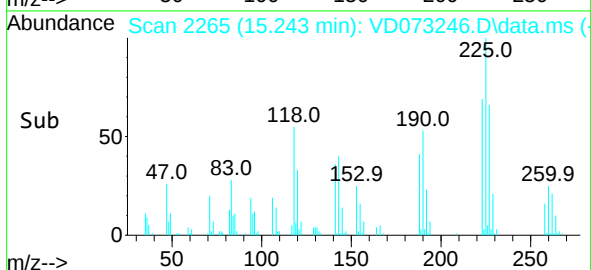
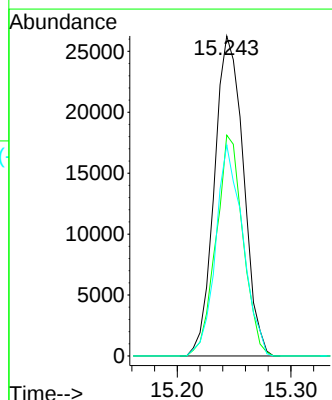
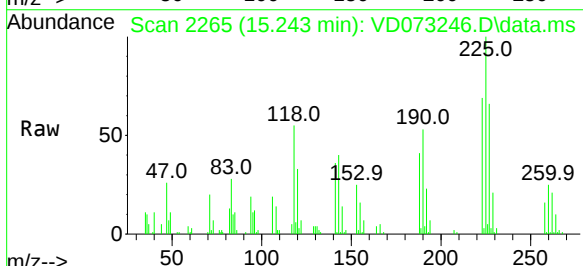
Tgt Ion:225 Resp: 46591

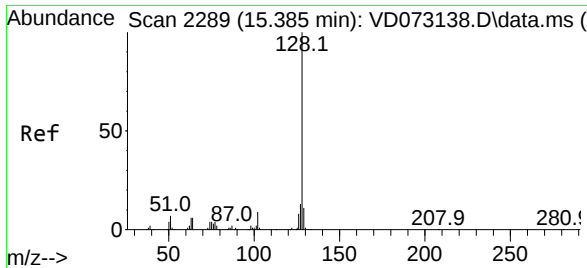
Ion Ratio Lower Upper

225 100

223 64.0 31.1 93.2

227 61.9 32.4 97.0

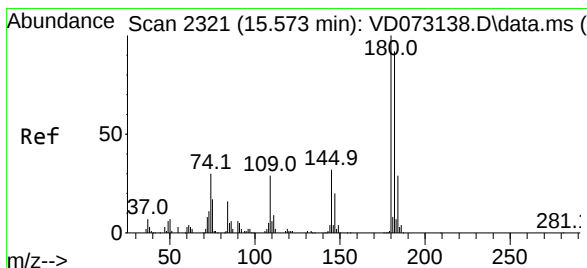
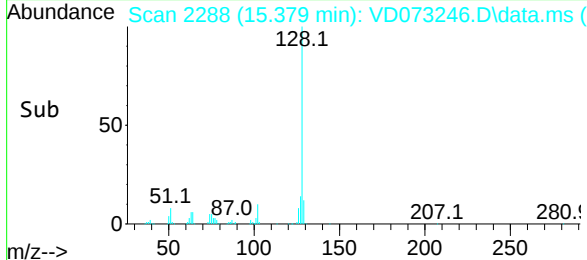
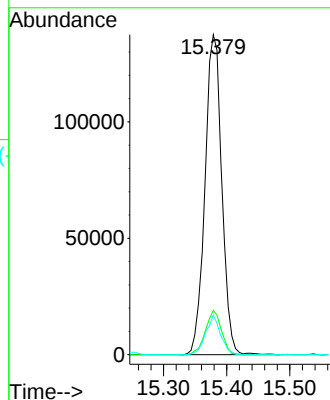
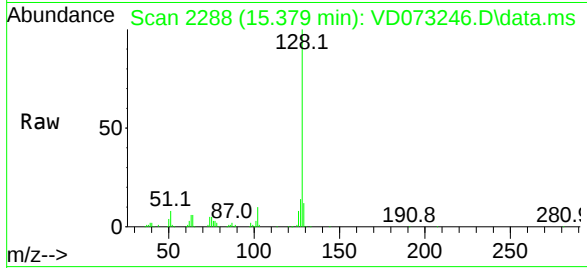




#95
Naphthalene
Concen: 40.862 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-2430-01MS

Tgt Ion:128 Resp: 254442
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 39.111 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073246.D
Acq: 21 May 2022 23:17

Tgt Ion:180 Resp: 111527
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 32.4 17.1 51.3

