

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082823\
 Data File : VD077042.D
 Acq On : 28 Aug 2023 15:37
 Operator : JC/SY
 Sample : VD0828SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 02:50:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	187421	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	313068	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	155472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91844	49.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.540%
35) Dibromofluoromethane	7.804	113	101598	46.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.260%
50) Toluene-d8	10.269	98	389578	49.428	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.575	95	115548	49.724	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	33636	18.756	ug/l	97
3) Chloromethane	2.146	50	68249	20.564	ug/l	98
4) Vinyl Chloride	2.281	62	73974	19.310	ug/l	96
5) Bromomethane	2.675	94	64548	19.701	ug/l	99
6) Chloroethane	2.828	64	55318	21.262	ug/l	98
7) Trichlorofluoromethane	3.163	101	65869	19.003	ug/l	94
8) Diethyl Ether	3.593	74	19218	20.253	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.957	101	39113	19.326	ug/l	97
10) Methyl Iodide	4.163	142	50618	19.618	ug/l #	89
11) Tert butyl alcohol	5.069	59	10294	92.977	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	39051	19.450	ug/l	88
13) Acrolein	3.799	56	18288	88.589	ug/l	100
14) Allyl chloride	4.557	41	44391	20.041	ug/l	95
15) Acrylonitrile	5.252	53	41396	98.577	ug/l	97
16) Acetone	4.016	43	44551	105.922	ug/l	87
17) Carbon Disulfide	4.257	76	127456	20.801	ug/l	99
18) Methyl Acetate	4.557	43	27443	19.283	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	83895	19.266	ug/l	98
20) Methylene Chloride	4.793	84	66706	23.176	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	46876	19.820	ug/l	97
22) Diisopropyl ether	6.216	45	103784	20.916	ug/l #	92
23) Vinyl Acetate	6.151	43	250914	100.952	ug/l #	92
24) 1,1-Dichloroethane	6.104	63	75652	20.310	ug/l	98
25) 2-Butanone	7.081	43	52870	100.321	ug/l	89
26) 2,2-Dichloropropane	7.075	77	64355	19.413	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	54093	20.359	ug/l	98
28) Bromochloromethane	7.422	49	28913	21.730	ug/l	92
29) Tetrahydrofuran	7.440	42	28953	98.909	ug/l	95
30) Chloroform	7.593	83	84864	20.337	ug/l	97
31) Cyclohexane	7.875	56	55544	18.841	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	74693	20.623	ug/l	93
36) 1,1-Dichloropropene	8.004	75	59117	19.048	ug/l	99
37) Ethyl Acetate	7.169	43	19764	17.657	ug/l #	93
38) Carbon Tetrachloride	7.987	117	58531	18.653	ug/l	91
39) Methylcyclohexane	9.269	83	67337	18.664	ug/l	96
40) Benzene	8.245	78	186006	19.958	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.398	41	9621	15.587	ug/l #	79
42) 1,2-Dichloroethane	8.328	62	48387	20.091	ug/l	96
43) Isopropyl Acetate	8.363	43	40523	19.054	ug/l #	78
44) Trichloroethene	9.028	130	50441	18.993	ug/l	98
45) 1,2-Dichloropropane	9.304	63	44229	20.061	ug/l	99
46) Dibromomethane	9.392	93	26601	18.950	ug/l	94
47) Bromodichloromethane	9.587	83	64738	19.756	ug/l #	98
48) Methyl methacrylate	9.381	41	18478	19.384	ug/l	86
49) 1,4-Dioxane	9.387	88	5627	374.194	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	105208	96.162	ug/l	92
52) Toluene	10.334	92	119044	19.821	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	57346	18.922	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	69026	19.151	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	36468	19.572	ug/l	93
56) Ethyl methacrylate	10.598	69	38198	19.439	ug/l	95
57) 1,3-Dichloropropane	10.881	76	58783	19.850	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	60605	153.552	ug/l	98
59) 2-Hexanone	10.922	43	75741	96.446	ug/l	90
60) Dibromochloromethane	11.075	129	44330	19.221	ug/l	92
61) 1,2-Dibromoethane	11.175	107	34650	19.426	ug/l	100
64) Tetrachloroethene	10.810	164	43239	19.178	ug/l	96
65) Chlorobenzene	11.604	112	133171	19.618	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	47580	18.756	ug/l	97
67) Ethyl Benzene	11.681	91	217507	18.670	ug/l	94
68) m/p-Xylenes	11.792	106	175703	37.673	ug/l	93
69) o-Xylene	12.122	106	80722	18.935	ug/l	92
70) Styrene	12.133	104	143035	19.314	ug/l	99
71) Bromoform	12.298	173	25214	17.850	ug/l #	96
73) Isopropylbenzene	12.422	105	208720	19.238	ug/l	96
74) N-amyl acetate	12.233	43	36159	18.923	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	39815	18.770	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	46287	30.867	ug/l #	100
77) Bromobenzene	12.698	156	53182	19.440	ug/l	99
78) n-propylbenzene	12.763	91	251570	18.973	ug/l	99
79) 2-Chlorotoluene	12.851	91	139732	19.276	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	176861	19.525	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	11264	17.440	ug/l	93
82) 4-Chlorotoluene	12.945	91	151990	19.821	ug/l	96
83) tert-Butylbenzene	13.163	119	147605	18.847	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	177765	19.567	ug/l	98
85) sec-Butylbenzene	13.345	105	224250	18.964	ug/l	96
86) p-Isopropyltoluene	13.463	119	188551	18.699	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	107255	18.917	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	108852	19.790	ug/l	98
89) n-Butylbenzene	13.786	91	174317	18.823	ug/l	98
90) Hexachloroethane	14.051	117	38306	19.592	ug/l	94
91) 1,2-Dichlorobenzene	13.833	146	94541	19.565	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	5522	18.694	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	55024	18.517	ug/l	99
94) Hexachlorobutadiene	15.204	225	29926	19.207	ug/l	99
95) Naphthalene	15.333	128	98613	17.891	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	48252	18.126	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration

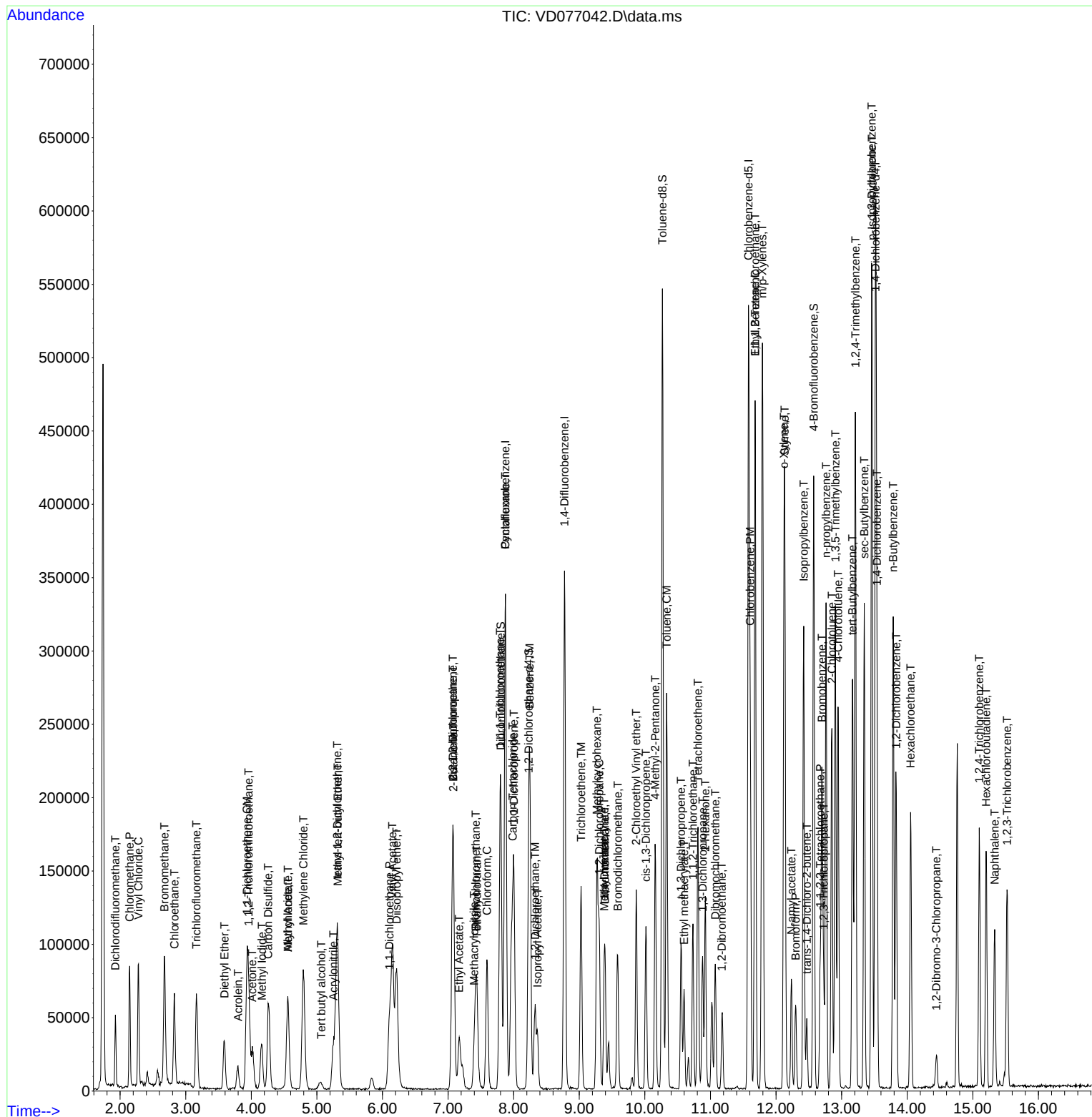
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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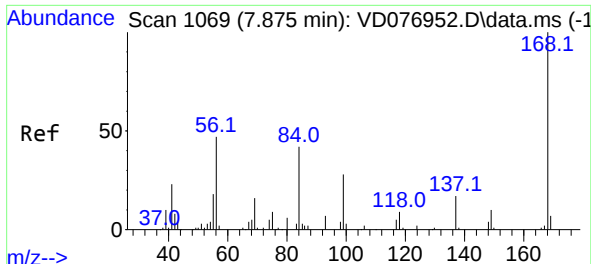
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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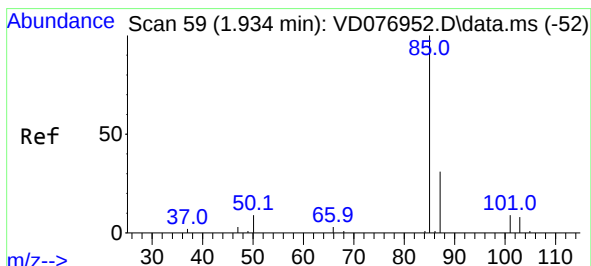
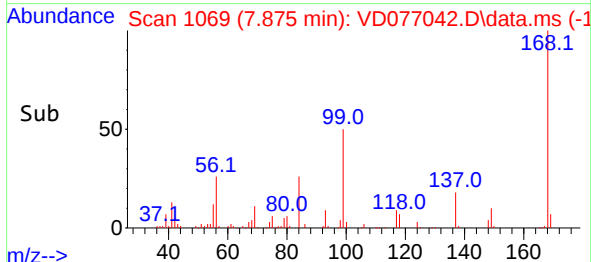
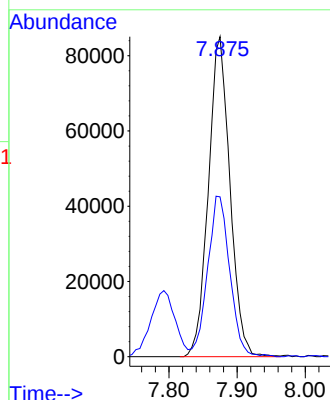
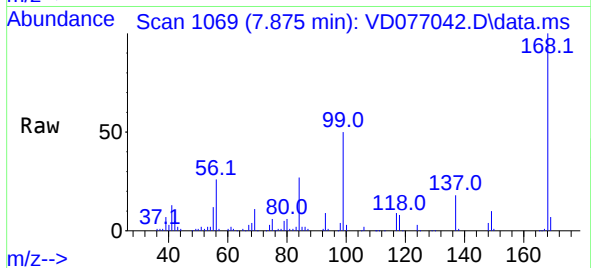




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077042.D
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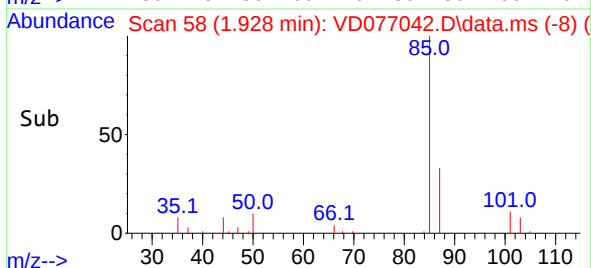
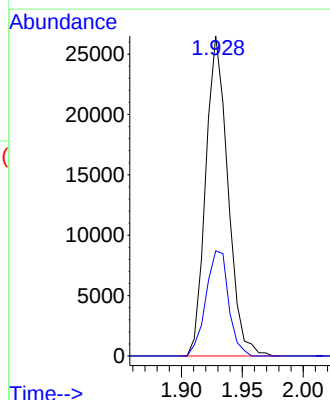
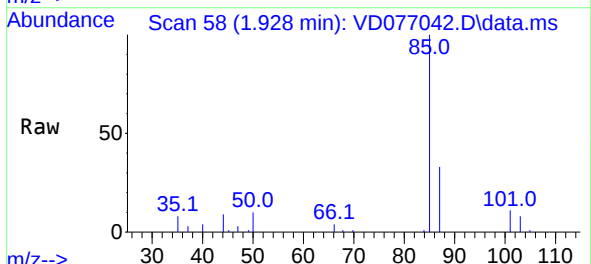
Instrument :
MSVOA_D
ClientSampleId :

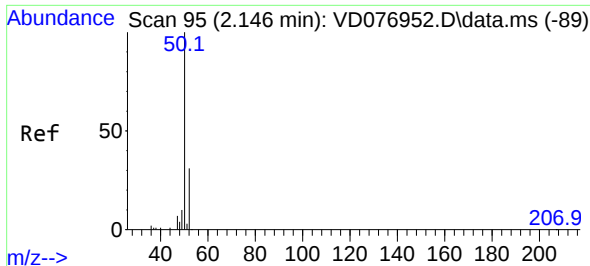
Tgt Ion:168 Resp: 187421
Ion Ratio Lower Upper
168 100
99 50.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 18.756 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

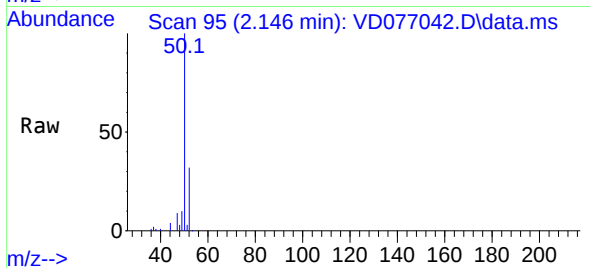
Tgt Ion: 85 Resp: 33636
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0



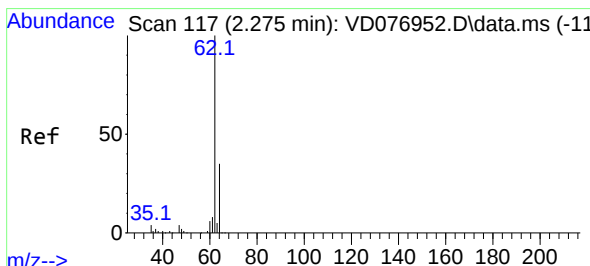
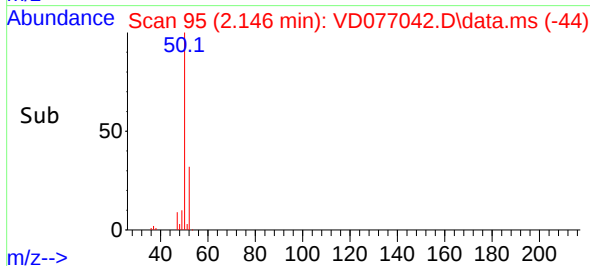
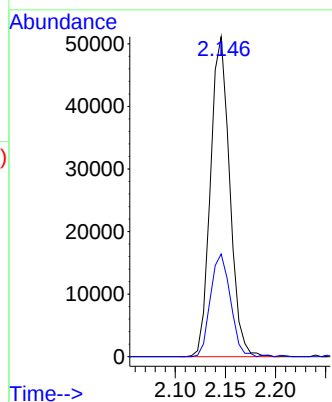


#3
Chloromethane
Concen: 20.564 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

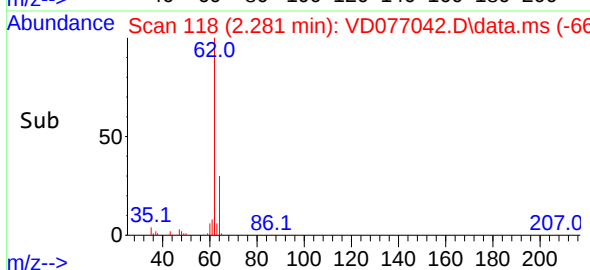
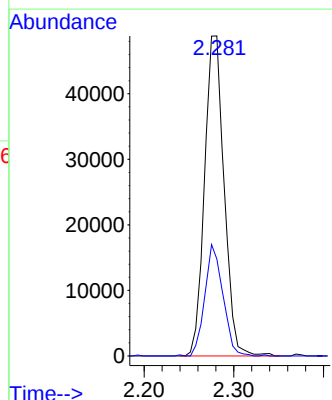
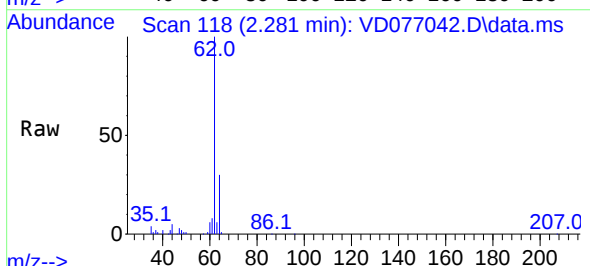


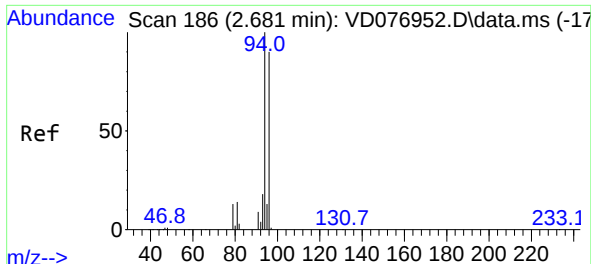
Tgt Ion: 50 Resp: 68249
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 19.310 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 62 Resp: 73974
Ion Ratio Lower Upper
62 100
64 30.3 26.0 39.0

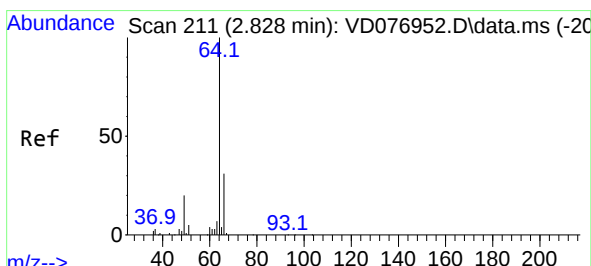
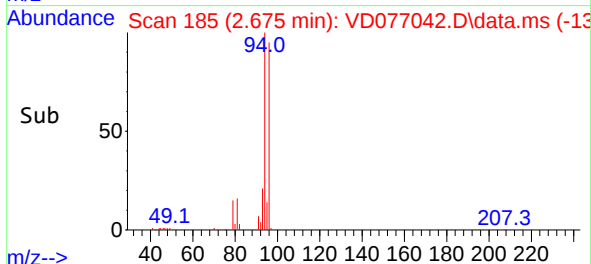
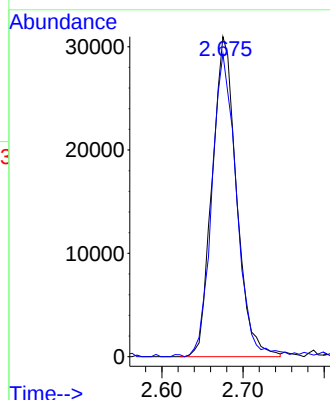
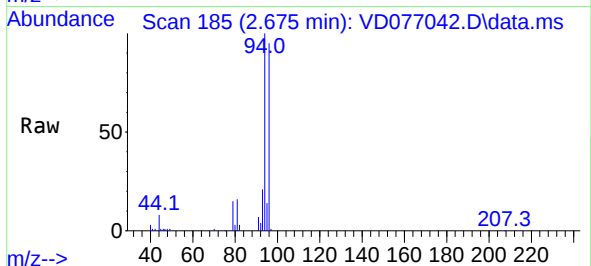




#5
Bromomethane
Concen: 19.701 ug/l
RT: 2.675 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

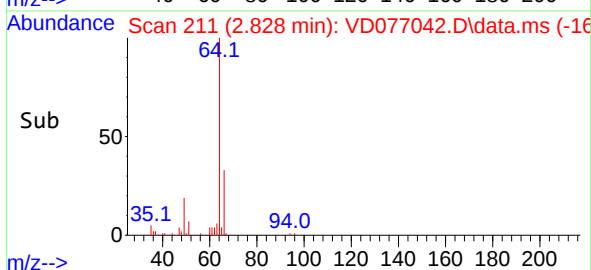
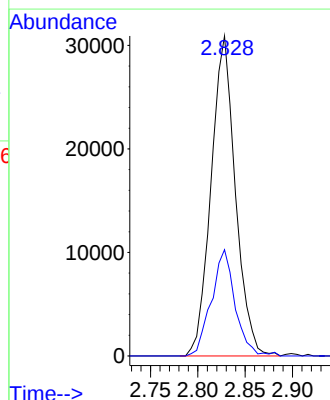
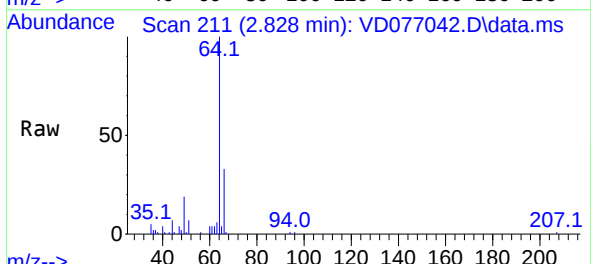
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MSVOA_D
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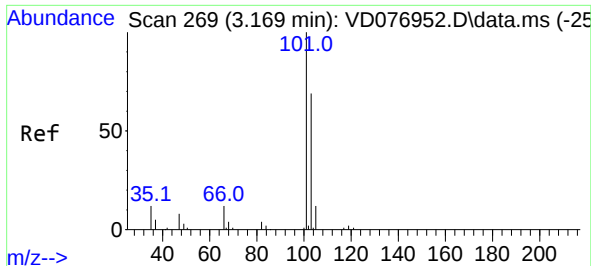
Tgt Ion: 94 Resp: 64548
Ion Ratio Lower Upper
94 100
96 95.7 75.8 113.8



#6
Chloroethane
Concen: 21.262 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 64 Resp: 55318
Ion Ratio Lower Upper
64 100
66 33.2 25.5 38.3

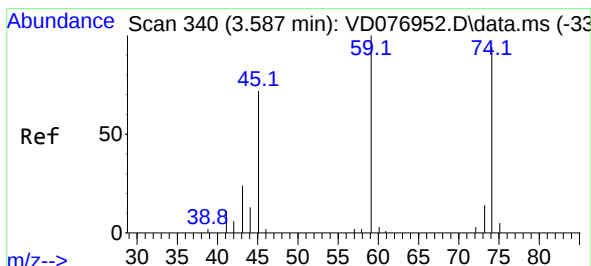
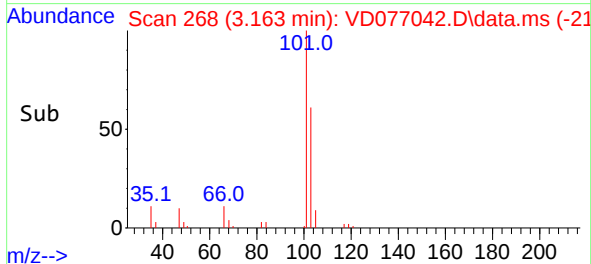
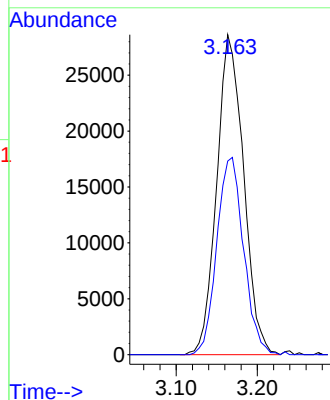
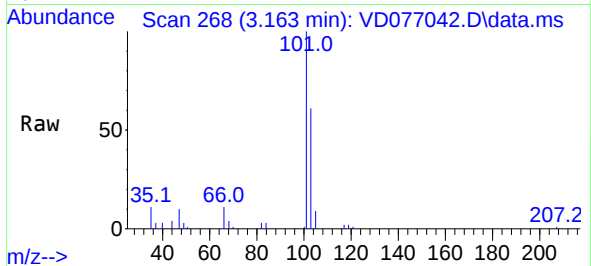




#7
Trichlorofluoromethane
Concen: 19.003 ug/l
RT: 3.163 min Scan# 207
Delta R.T. -0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

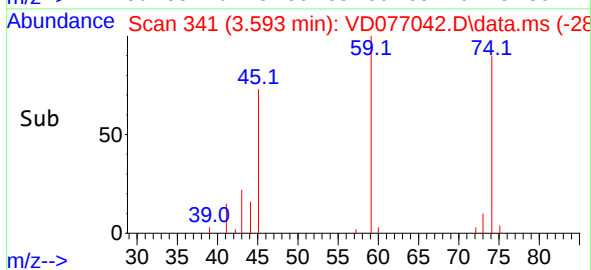
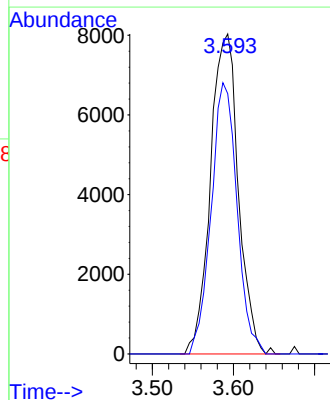
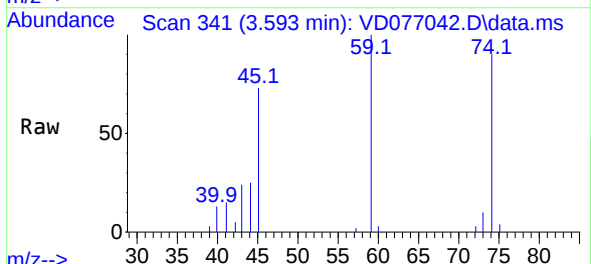
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 65869
Ion Ratio Lower Upper
101 100
103 60.5 52.3 78.5

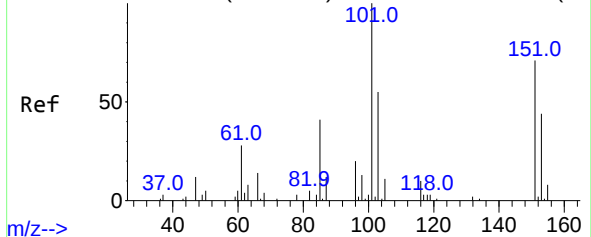


#8
Diethyl Ether
Concen: 20.253 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

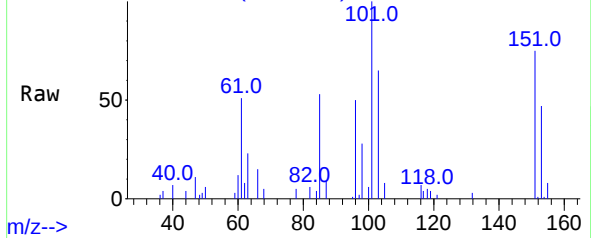
Tgt Ion: 74 Resp: 19218
Ion Ratio Lower Upper
74 100
45 78.5 37.5 112.7



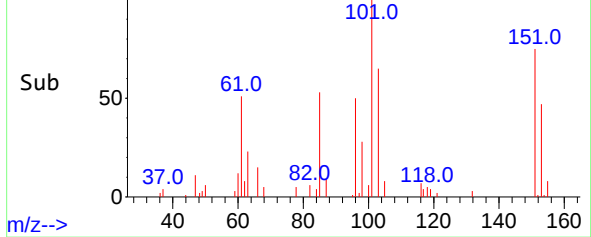
Abundance Scan 404 (3.963 min): VD076952.D\data.ms (-39



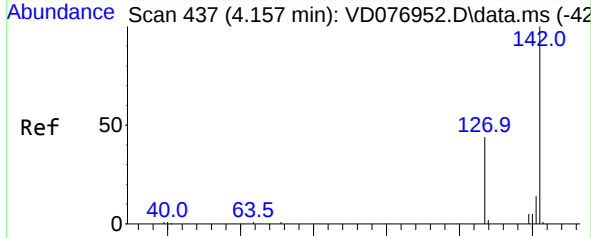
m/z--> Scan 403 (3.957 min): VD077042.D\data.ms



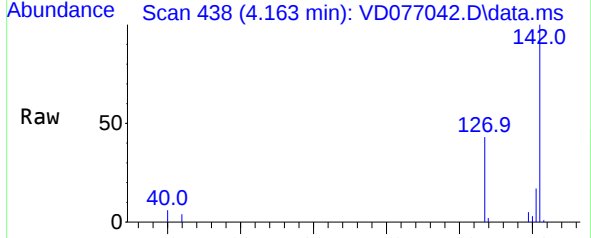
Abundance Scan 403 (3.957 min): VD077042.D\data.ms (-35



m/z--> Scan 437 (4.157 min): VD076952.D\data.ms (-42



m/z--> Scan 438 (4.163 min): VD077042.D\data.ms



Abundance Scan 438 (4.163 min): VD077042.D\data.ms (-38



m/z--> Time-->

#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.326 ug/l

RT: 3.957 min Scan# 403

Delta R.T. -0.006 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

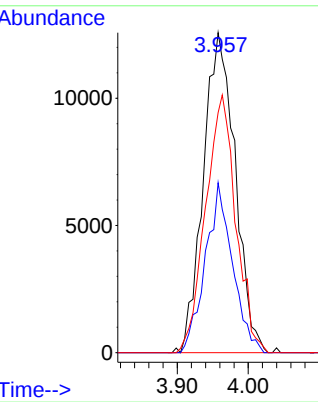
Tgt Ion:101 Resp: 39113

Ion Ratio Lower Upper

101 100

85 45.2 33.8 50.6

151 76.8 59.8 89.6



#10

Methyl Iodide

Concen: 19.618 ug/l

RT: 4.163 min Scan# 438

Delta R.T. 0.006 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

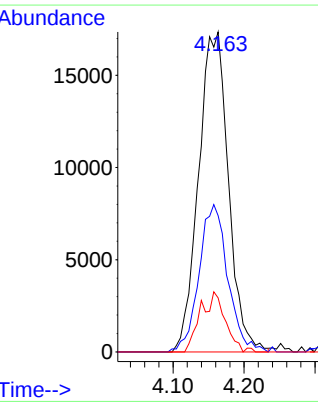
Tgt Ion:142 Resp: 50618

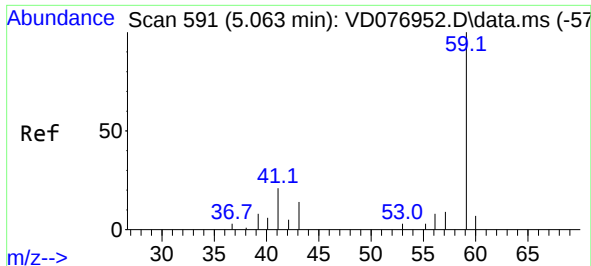
Ion Ratio Lower Upper

142 100

127 44.4 29.4 44.0#

141 15.7 11.1 16.7





#11

Tert butyl alcohol

Concen: 92.977 ug/l

RT: 5.069 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

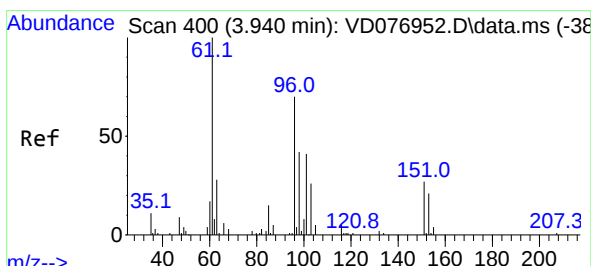
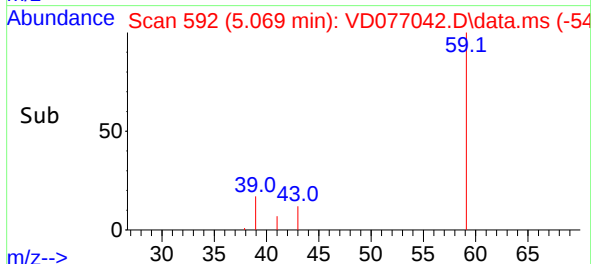
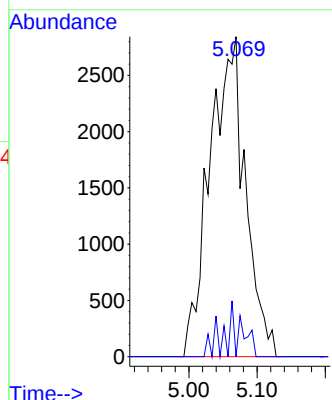
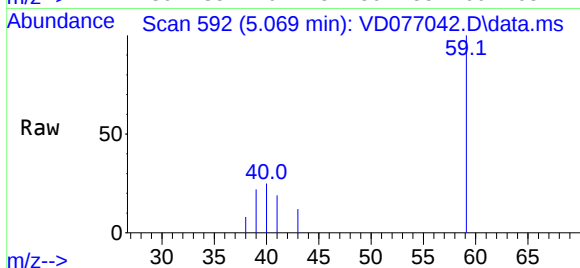
ClientSampleId :

Tgt Ion: 59 Resp: 10294

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.450 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

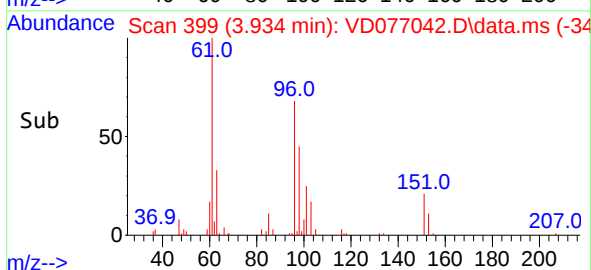
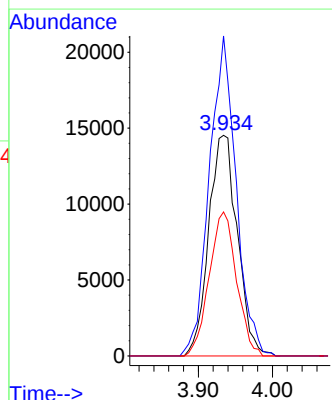
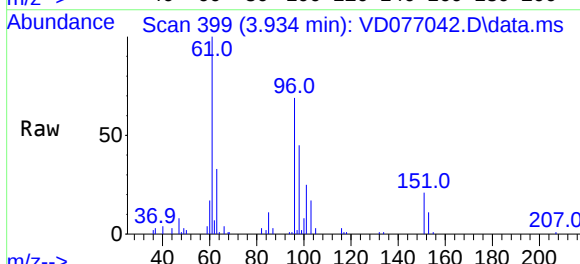
Tgt Ion: 96 Resp: 39051

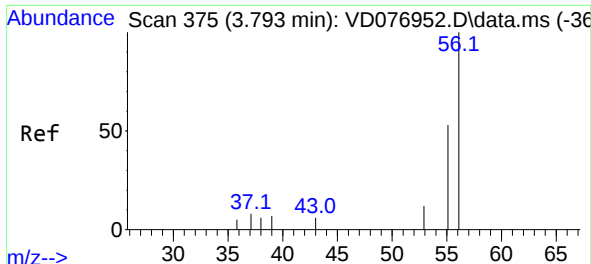
Ion Ratio Lower Upper

96 100

61 145.0 100.6 150.8

98 65.2 50.2 75.2





#13

Acrolein

Concen: 88.589 ug/l

RT: 3.799 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

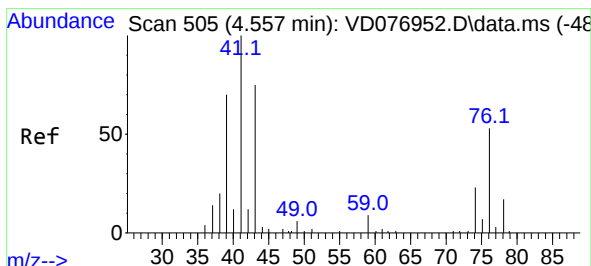
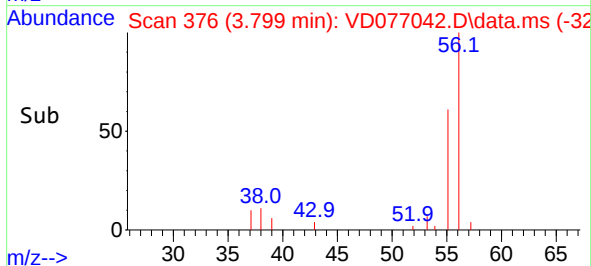
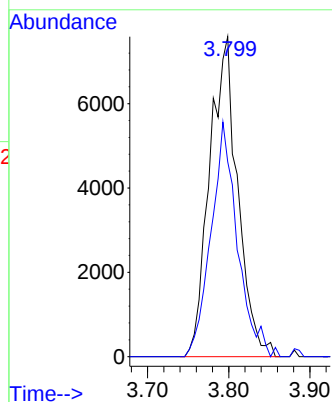
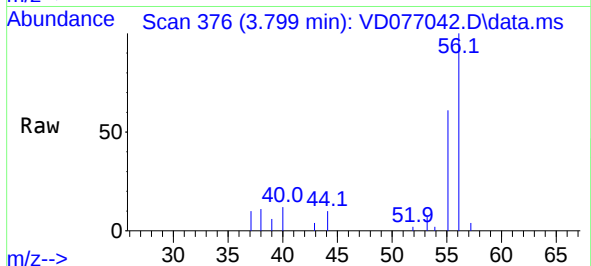
ClientSampleId :

Tgt Ion: 56 Resp: 18288

Ion Ratio Lower Upper

56 100

55 69.0 55.1 82.7



#14

Allyl chloride

Concen: 20.041 ug/l

RT: 4.557 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

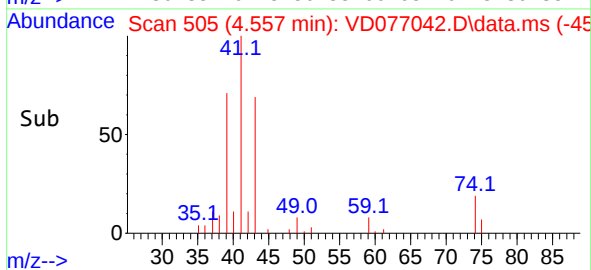
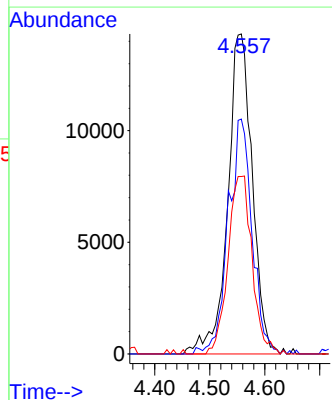
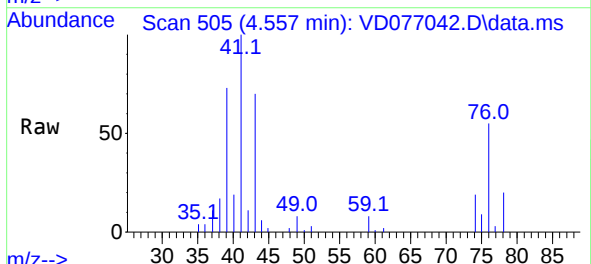
Tgt Ion: 41 Resp: 44391

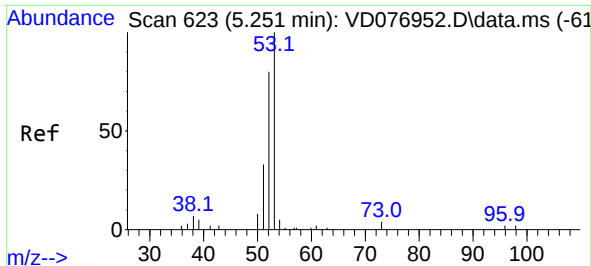
Ion Ratio Lower Upper

41 100

39 71.5 53.8 80.6

76 54.6 45.8 68.8

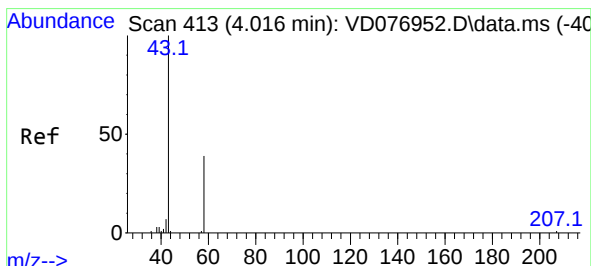
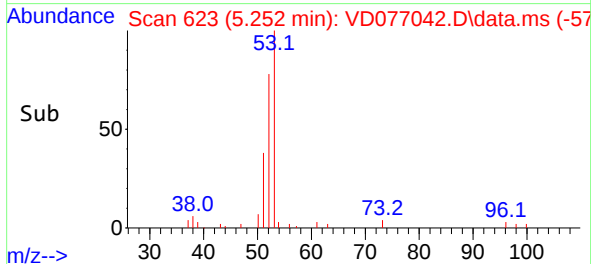
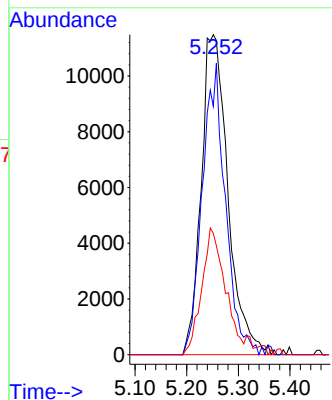
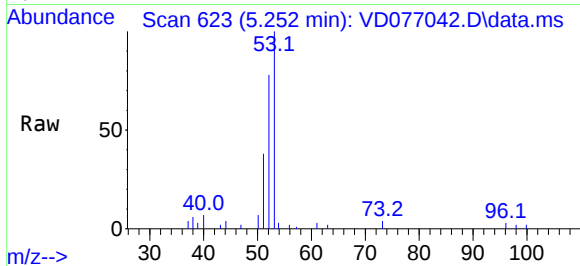




#15
Acrylonitrile
Concen: 98.577 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

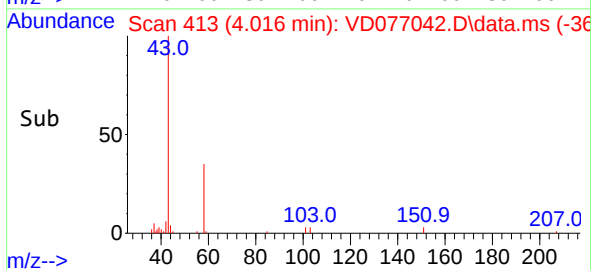
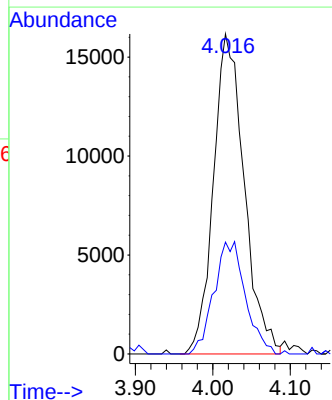
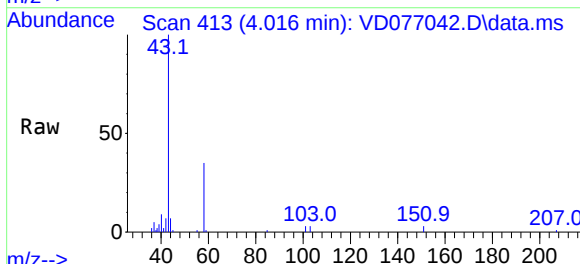
Instrument :
MSVOA_D
ClientSampleId :

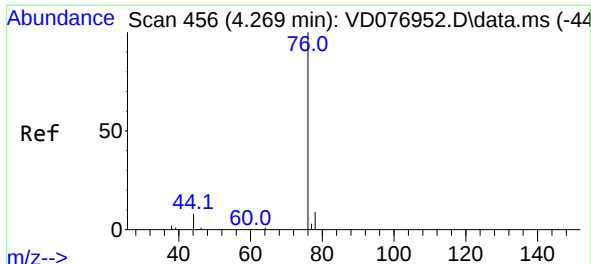
Tgt Ion:	53	Resp:	41396
Ion	Ratio	Lower	Upper
53	100		
52	78.5	65.0	97.4
51	34.6	28.3	42.5



#16
Acetone
Concen: 105.922 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion:	43	Resp:	44551
Ion	Ratio	Lower	Upper
43	100		
58	35.0	34.7	52.1

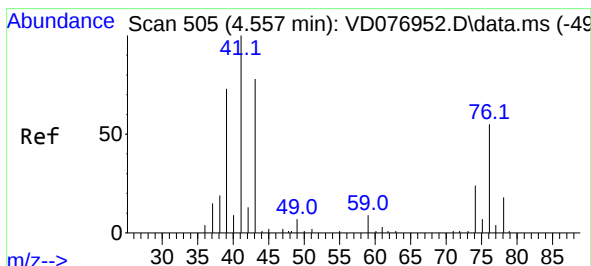
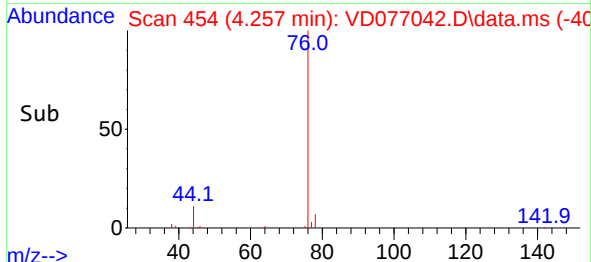
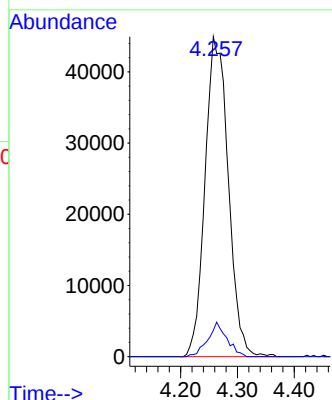
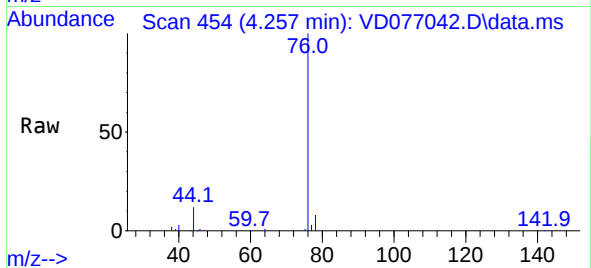




#17
Carbon Disulfide
Concen: 20.801 ug/l
RT: 4.257 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

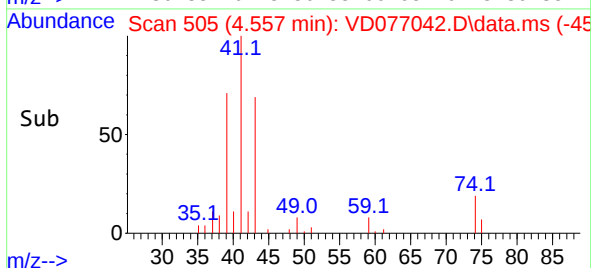
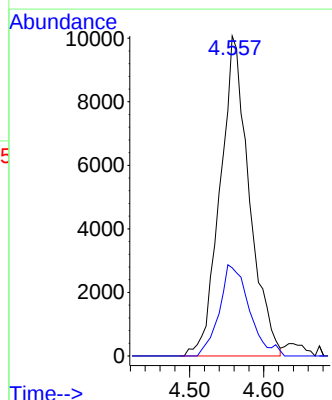
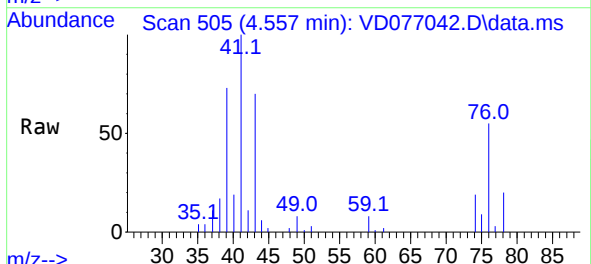
Instrument :
MSVOA_D
ClientSampleId :

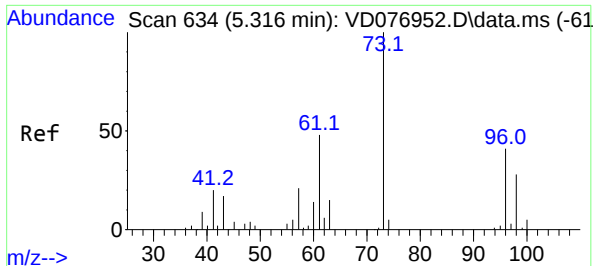
Tgt Ion: 76 Resp: 127456
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2



#18
Methyl Acetate
Concen: 19.283 ug/l
RT: 4.557 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 43 Resp: 27443
Ion Ratio Lower Upper
43 100
74 29.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.266 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

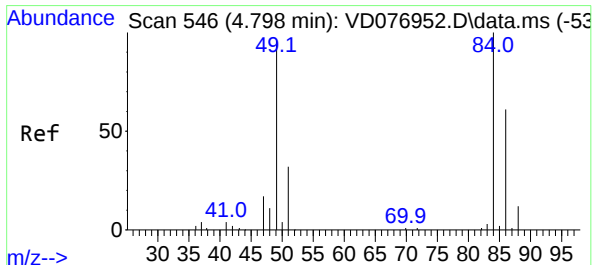
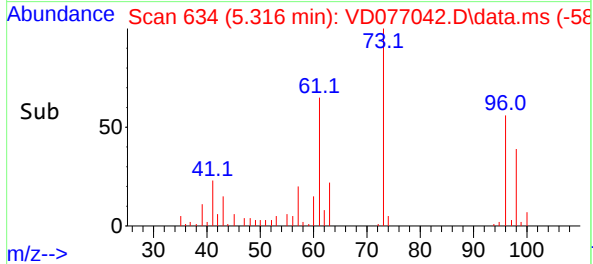
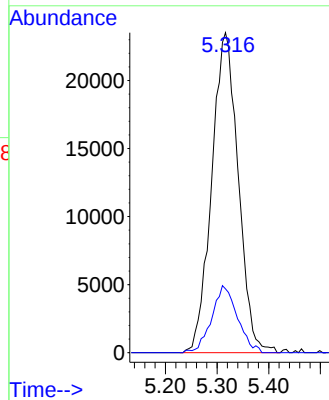
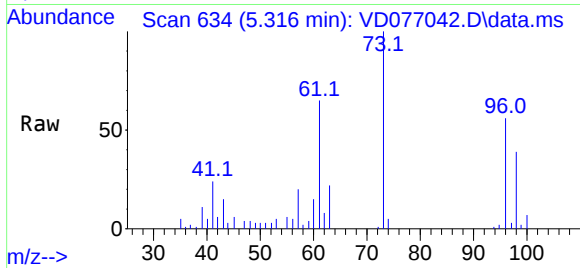
ClientSampleId :

Tgt Ion: 73 Resp: 83895

Ion Ratio Lower Upper

73 100

57 20.0 16.6 25.0



#20

Methylene Chloride

Concen: 23.176 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.005 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Tgt Ion: 84 Resp: 66706

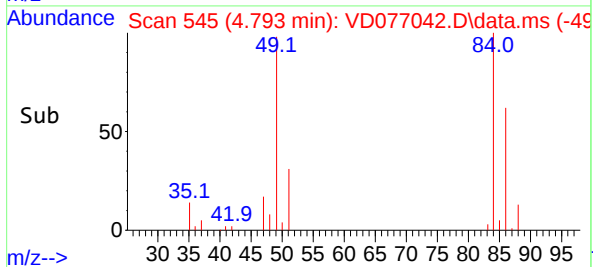
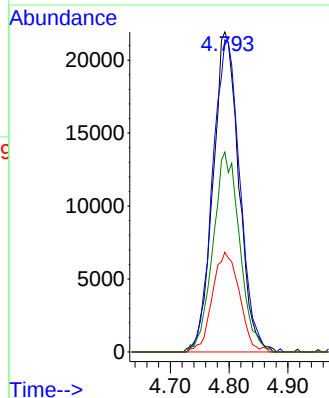
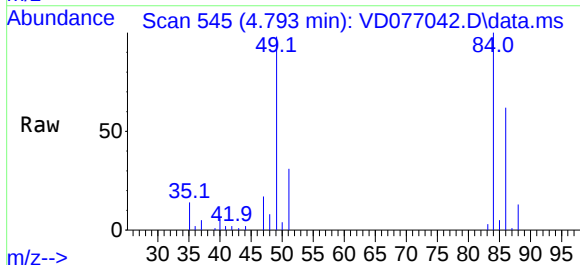
Ion Ratio Lower Upper

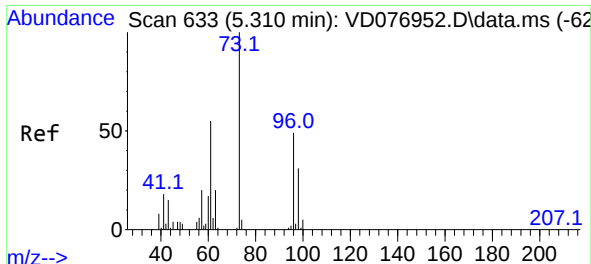
84 100

49 97.6 71.4 107.2

51 31.2 24.5 36.7

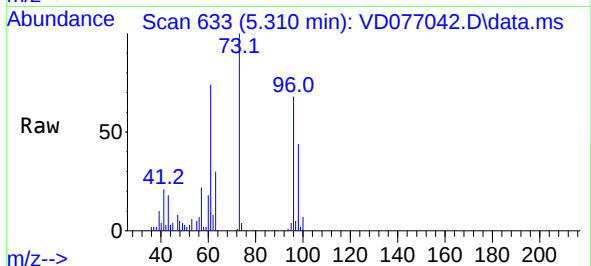
86 62.4 48.7 73.1



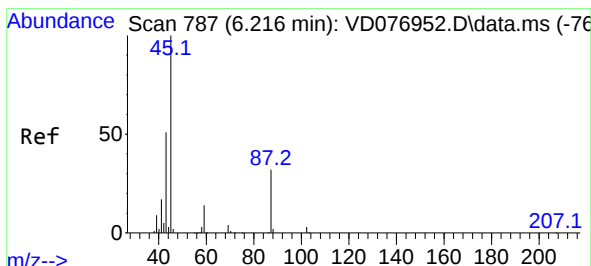
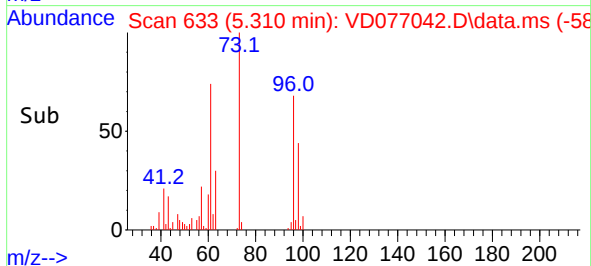
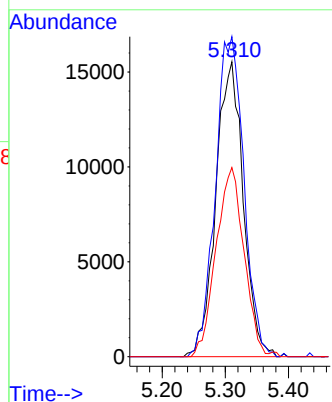


#21
trans-1,2-Dichloroethene
Concen: 19.820 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

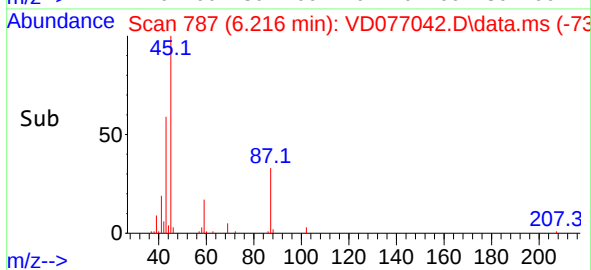
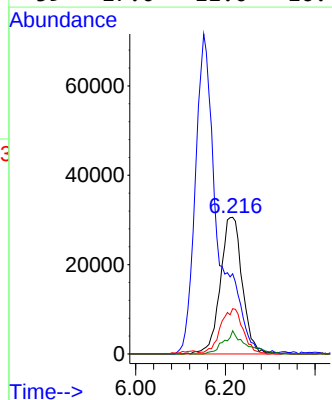
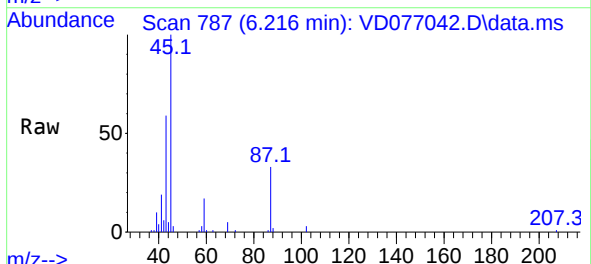


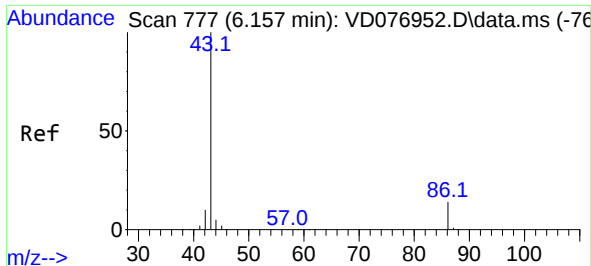
Tgt Ion: 96 Resp: 46876
Ion Ratio Lower Upper
96 100
61 108.5 89.3 133.9
98 64.1 48.6 73.0



#22
Diisopropyl ether
Concen: 20.916 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 45 Resp: 103784
Ion Ratio Lower Upper
45 100
43 57.4 40.0 60.0
87 33.1 28.2 42.4
59 17.0 11.0 16.4

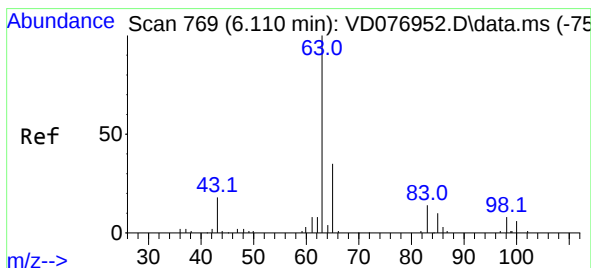
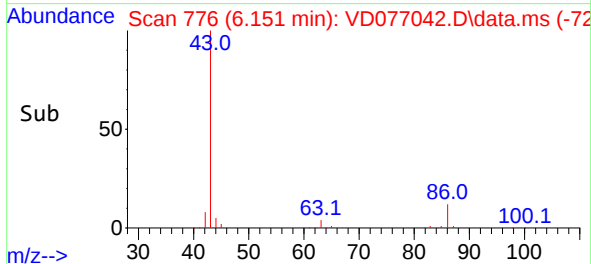
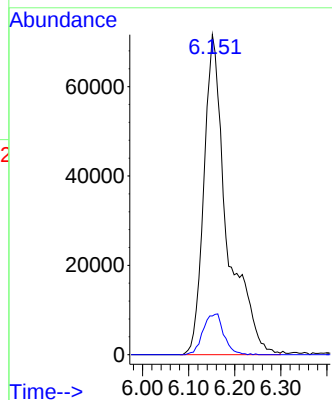
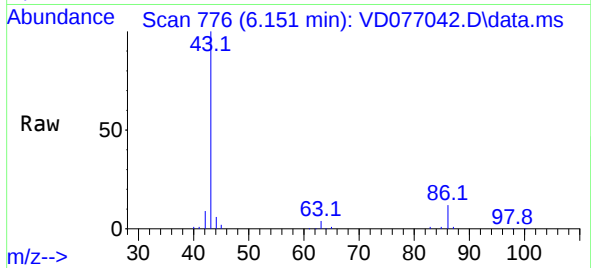




#23
 Vinyl Acetate
 Concen: 100.952 ug/l
 RT: 6.151 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

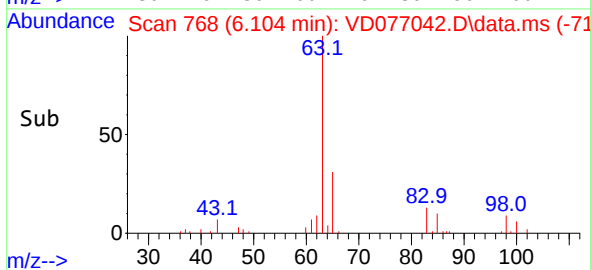
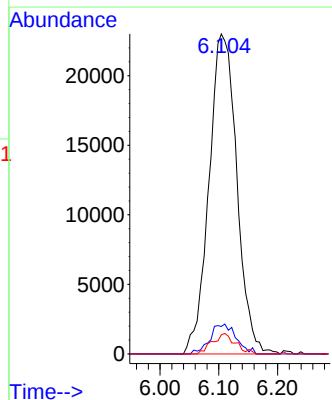
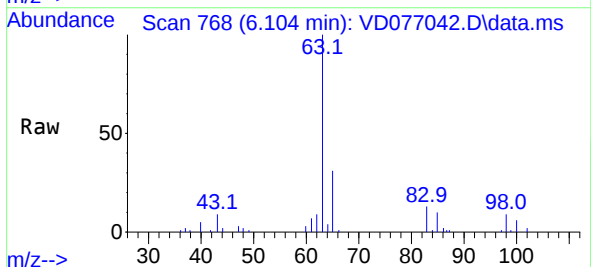
Instrument :
 MSVOA_D
 ClientSampleId :

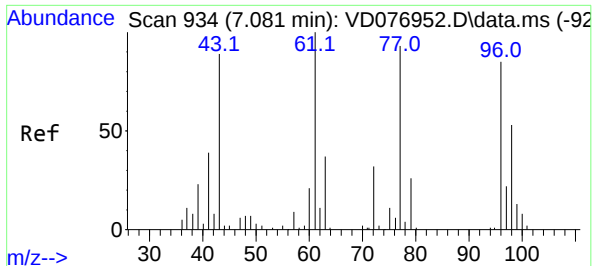
Tgt Ion: 43 Resp: 250914
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.310 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

Tgt Ion: 63 Resp: 75652
 Ion Ratio Lower Upper
 63 100
 98 8.6 4.5 13.7
 100 6.0 2.5 7.5





#25

2-Butanone

Concen: 100.321 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

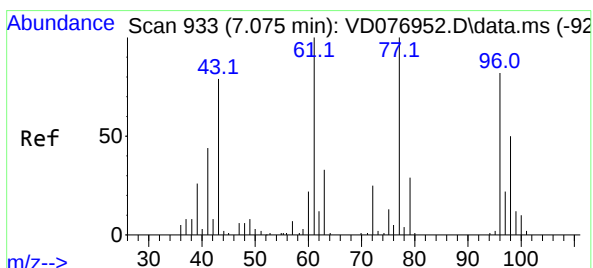
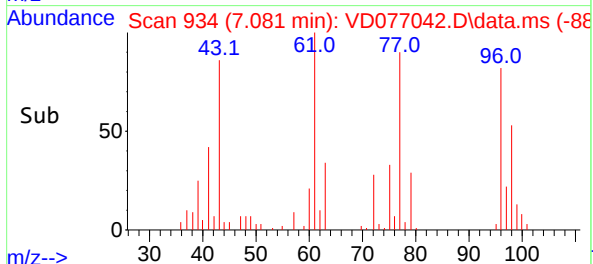
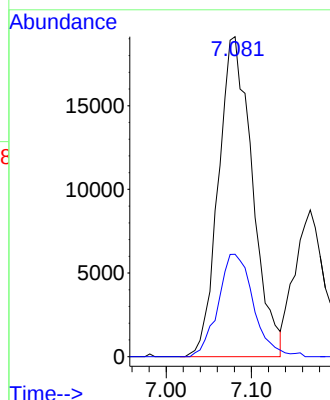
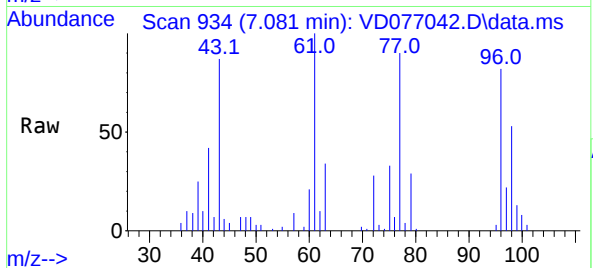
ClientSampleId :

Tgt Ion: 43 Resp: 52870

Ion Ratio Lower Upper

43 100

72 32.0 30.7 46.1



#26

2,2-Dichloropropane

Concen: 19.413 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077042.D

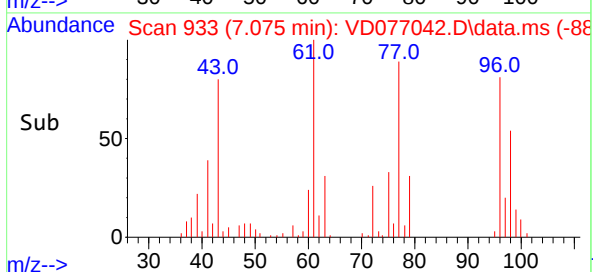
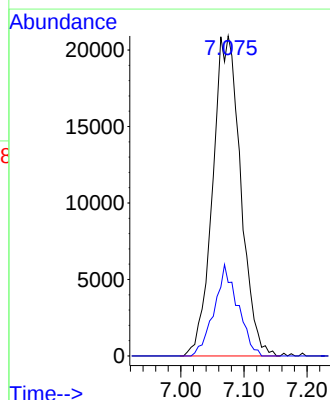
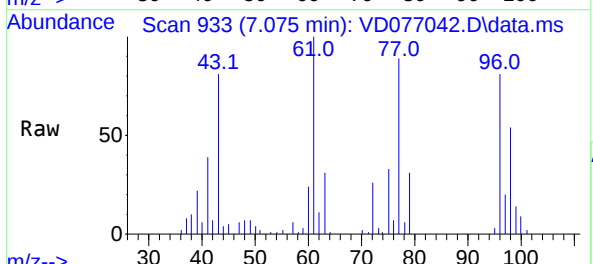
Acq: 28 Aug 2023 15:37

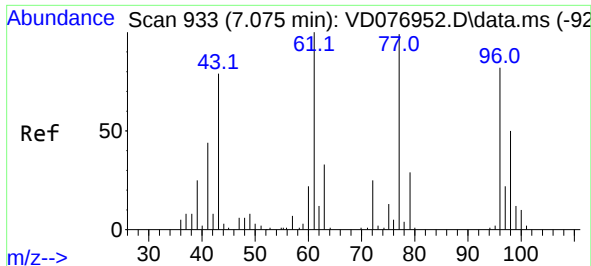
Tgt Ion: 77 Resp: 64355

Ion Ratio Lower Upper

77 100

97 24.2 13.2 39.6



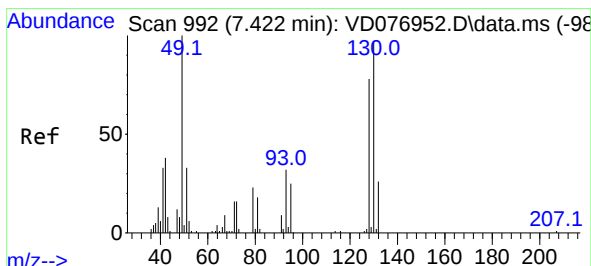
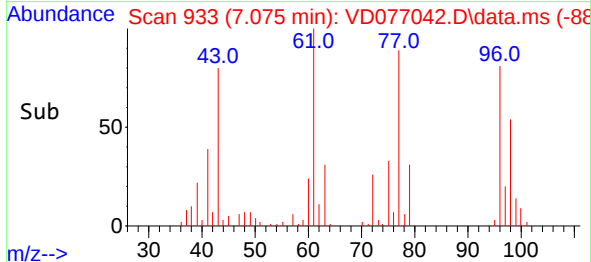
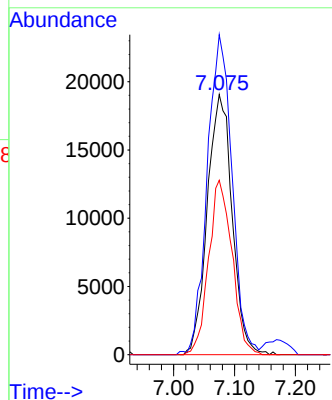
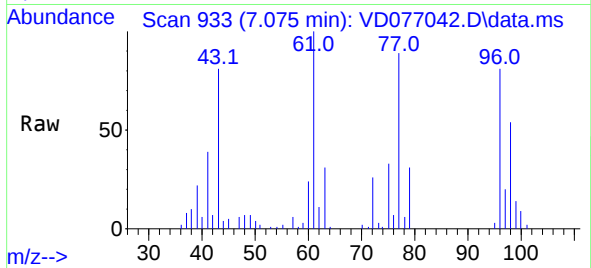


#27
 cis-1,2-Dichloroethene
 Concen: 20.359 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 54093

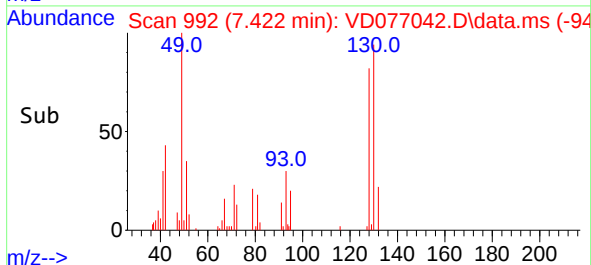
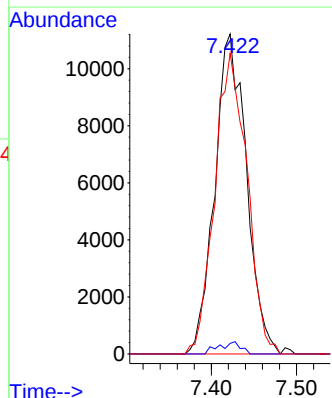
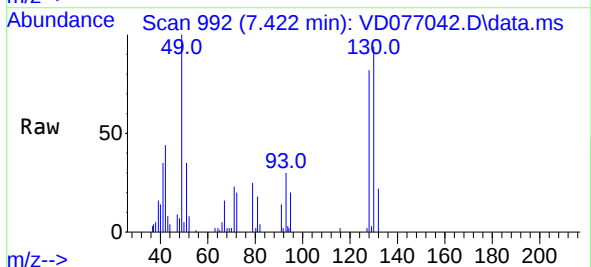
Ion	Ratio	Lower	Upper
96	100		
61	122.3	0.0	239.2
98	63.0	0.0	128.6

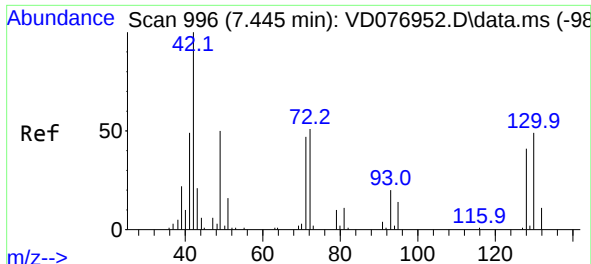


#28
 Bromochloromethane
 Concen: 21.730 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

Tgt Ion: 49 Resp: 28913

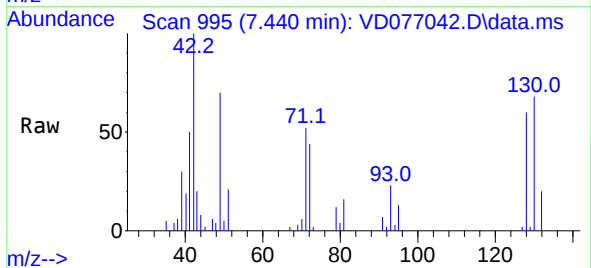
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	95.9	83.2	124.8



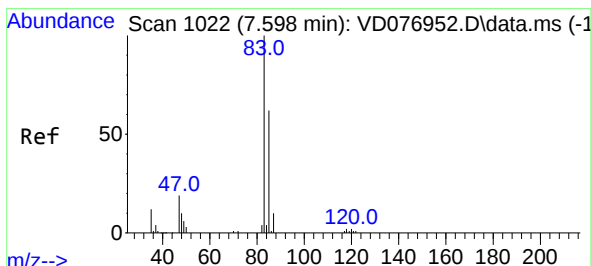
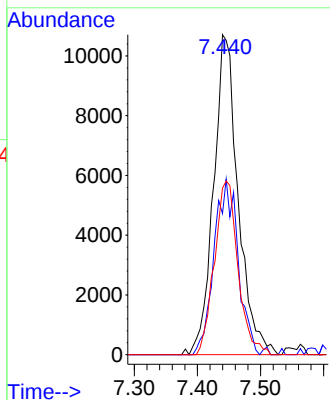
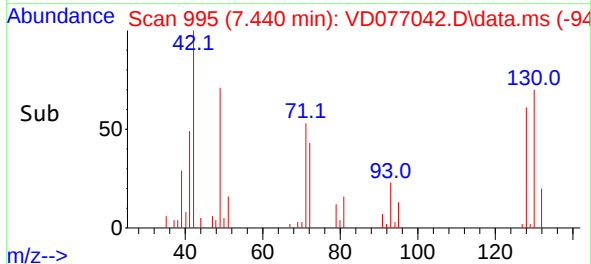


#29
Tetrahydrofuran
Concen: 98.909 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.005 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

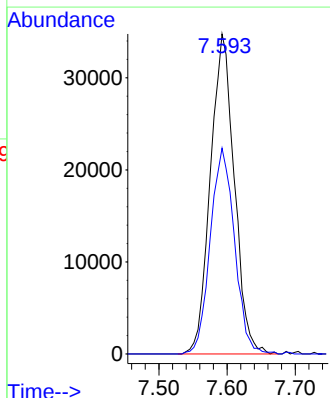
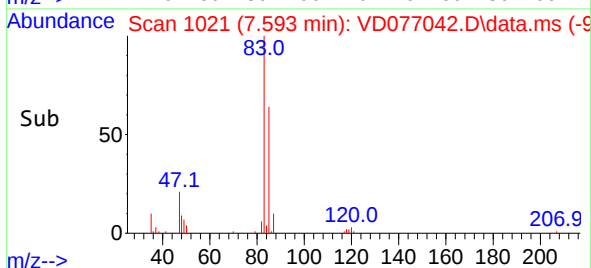
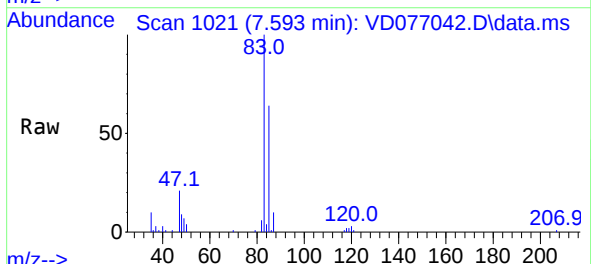


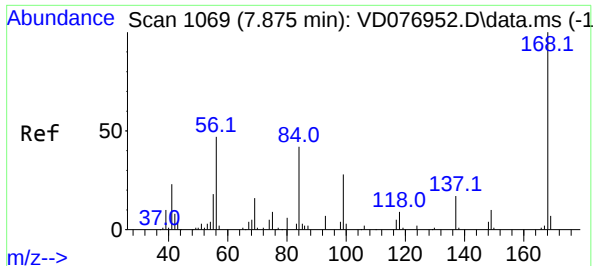
Tgt Ion: 42 Resp: 28953
Ion Ratio Lower Upper
42 100
72 53.6 46.5 69.7
71 52.2 44.5 66.7



#30
Chloroform
Concen: 20.337 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

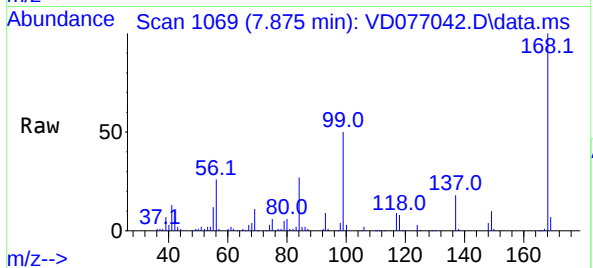
Tgt Ion: 83 Resp: 84864
Ion Ratio Lower Upper
83 100
85 64.3 53.4 80.2



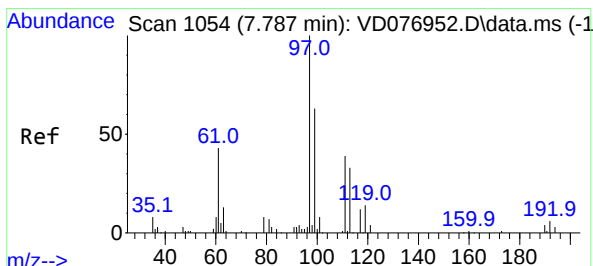
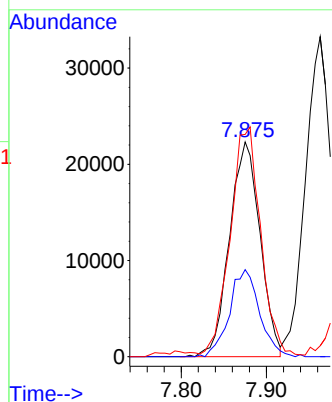
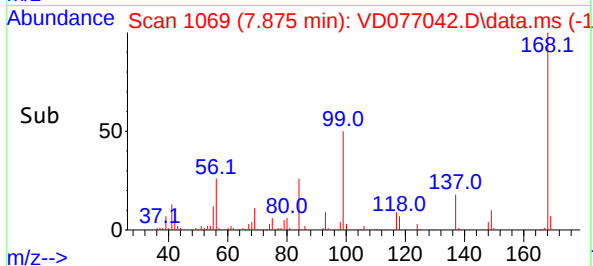


#31
Cyclohexane
Concen: 18.841 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

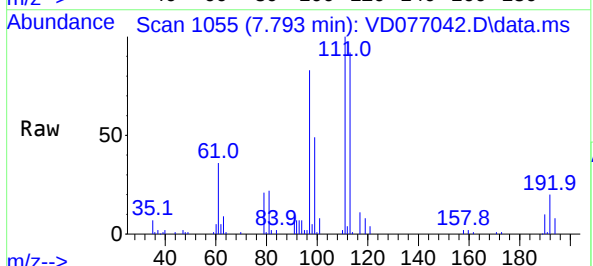
Instrument :
MSVOA_D
ClientSampleId :



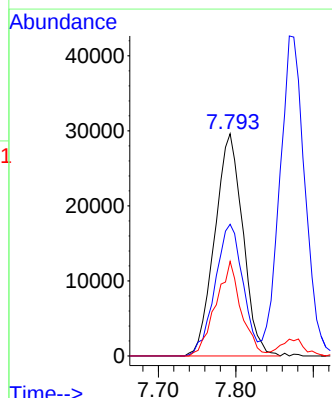
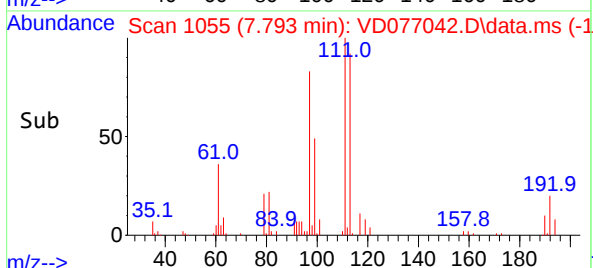
Tgt Ion: 56 Resp: 55544
Ion Ratio Lower Upper
56 100
69 40.5 28.6 43.0
84 101.1 84.8 127.2

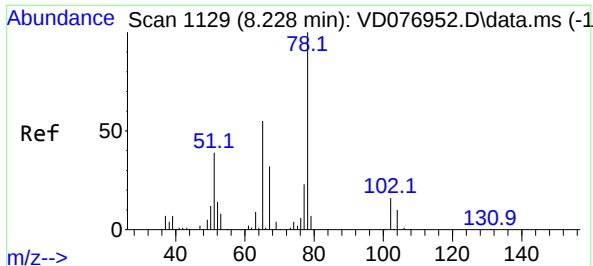


#32
1,1,1-Trichloroethane
Concen: 20.623 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37



Tgt Ion: 97 Resp: 74693
Ion Ratio Lower Upper
97 100
99 58.7 52.0 78.0
61 38.5 33.8 50.8

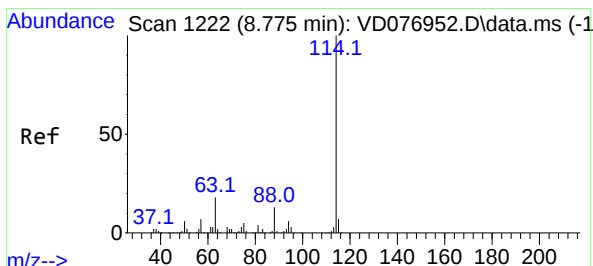
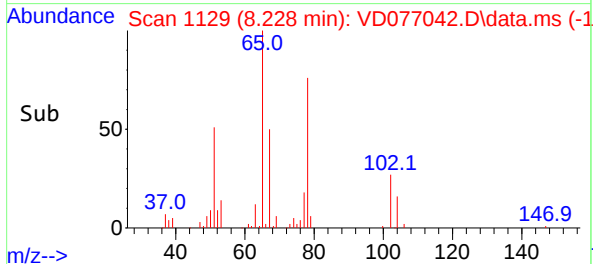
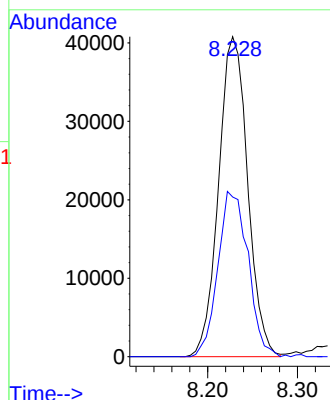
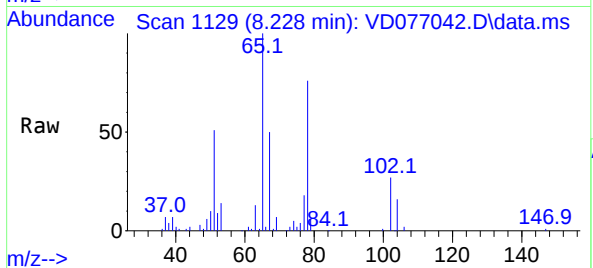




#33
1,2-Dichloroethane-d4
Concen: 49.772 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

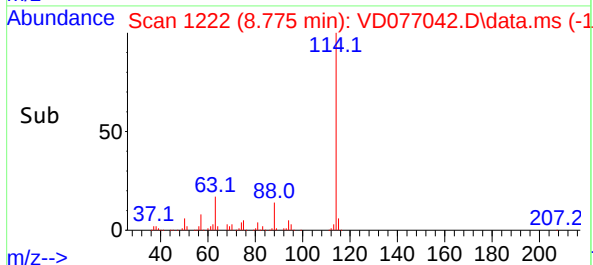
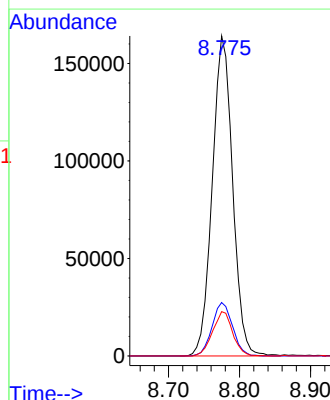
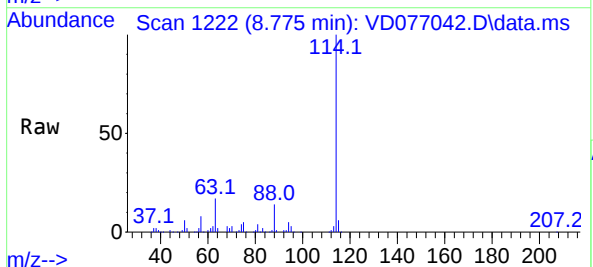
Instrument :
MSVOA_D
ClientSampleId :

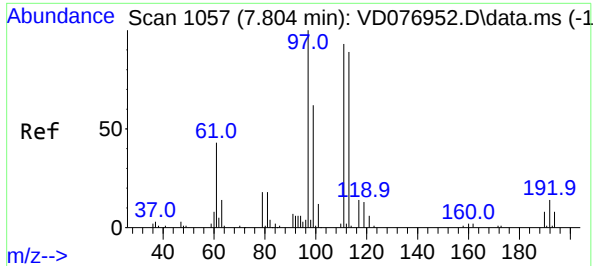
Tgt Ion: 65 Resp: 91844
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

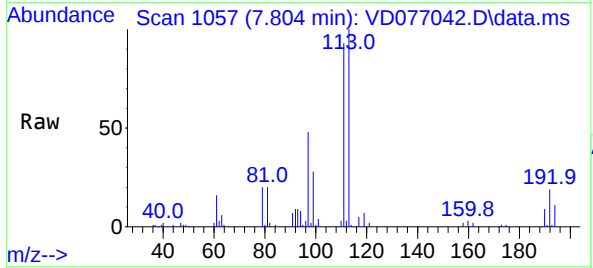
Tgt Ion:114 Resp: 326109
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.4
88 13.8 0.0 26.2





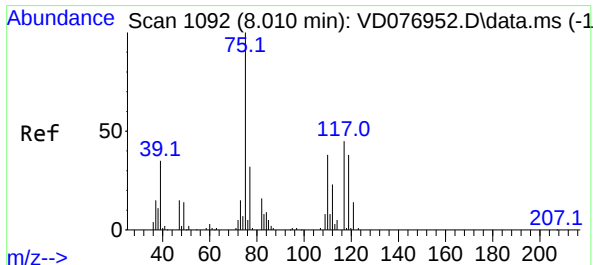
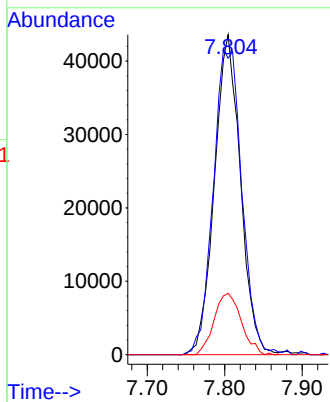
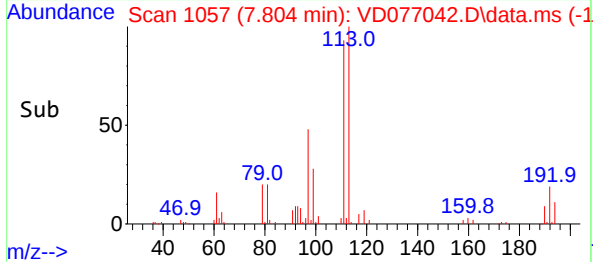
#35
 Dibromofluoromethane
 Concen: 46.634 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

Instrument :
 MSVOA_D
 ClientSampleId :

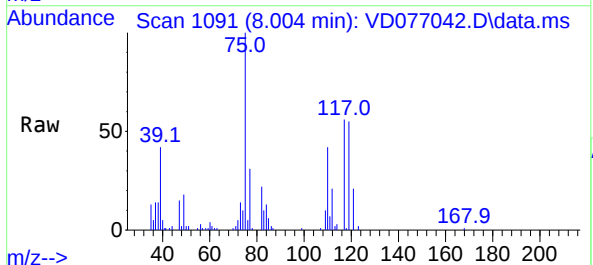


Tgt Ion:113 Resp: 101598

Ion	Ratio	Lower	Upper
113	100		
111	105.3	84.7	127.1
192	20.1	16.8	25.2

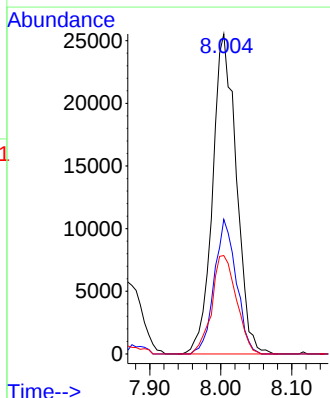
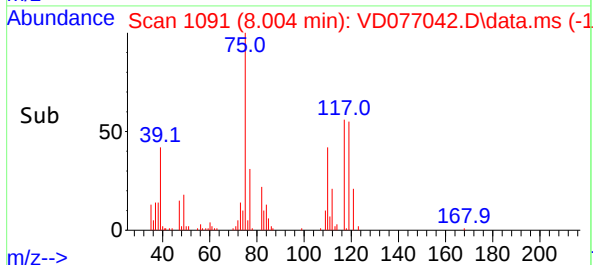


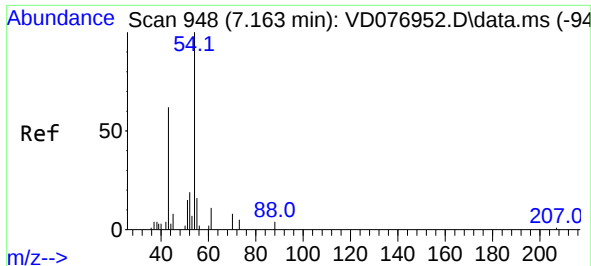
#36
 1,1-Dichloropropene
 Concen: 19.048 ug/l
 RT: 8.004 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37



Tgt Ion: 75 Resp: 59117

Ion	Ratio	Lower	Upper
75	100		
110	39.0	19.9	59.6
77	31.9	24.7	37.1





#37

Ethyl Acetate

Concen: 17.657 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

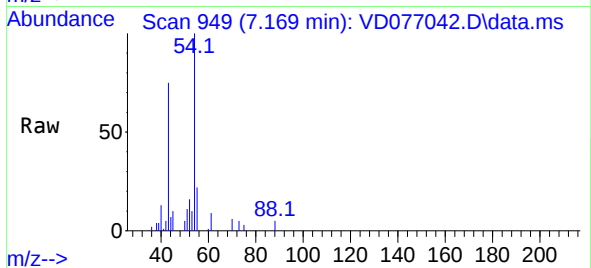
Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :



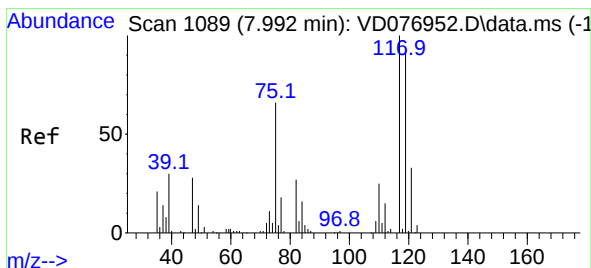
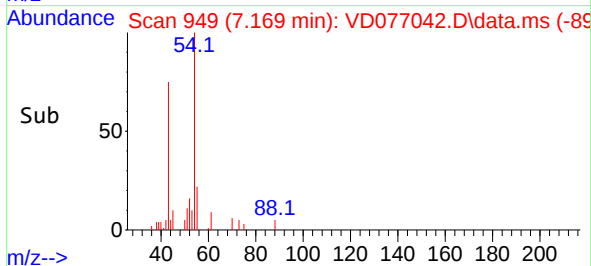
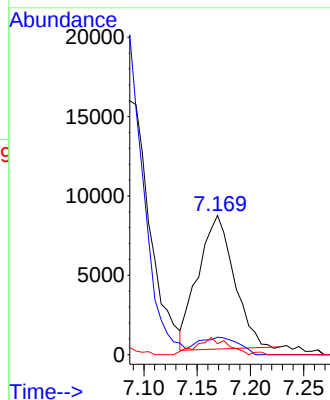
Tgt Ion: 43 Resp: 19764

Ion Ratio Lower Upper

43 100

61 14.5 14.9 22.3#

70 11.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 18.653 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.005 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

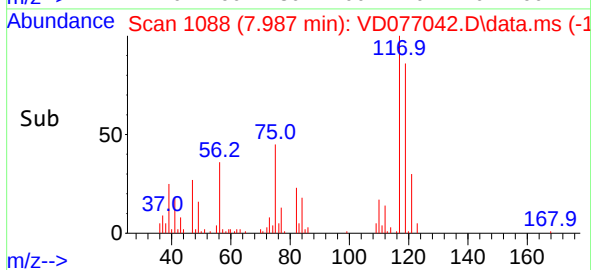
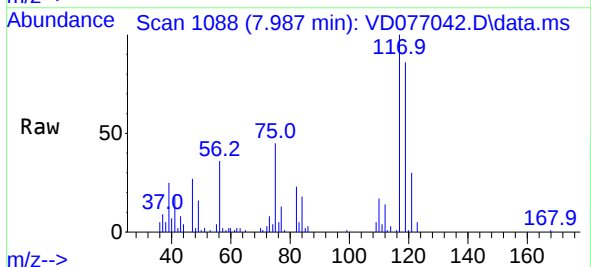
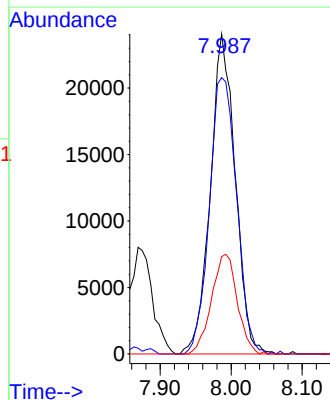
Tgt Ion: 117 Resp: 58531

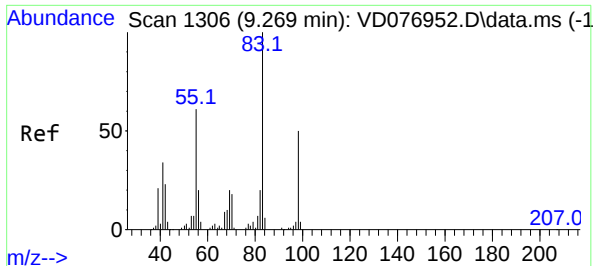
Ion Ratio Lower Upper

117 100

119 86.4 78.0 117.0

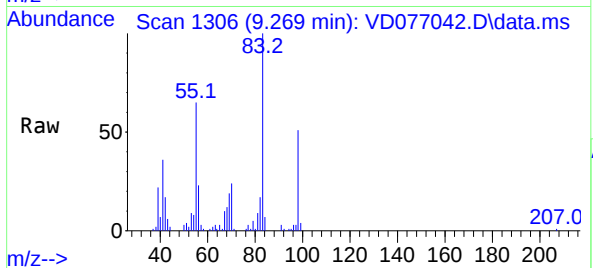
121 30.4 24.2 36.2



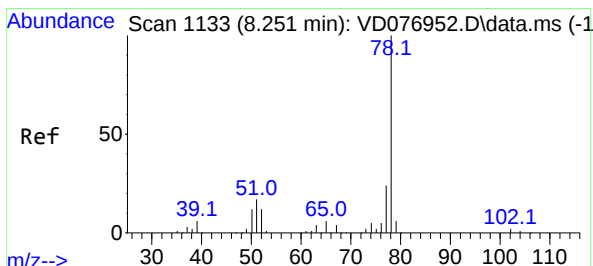
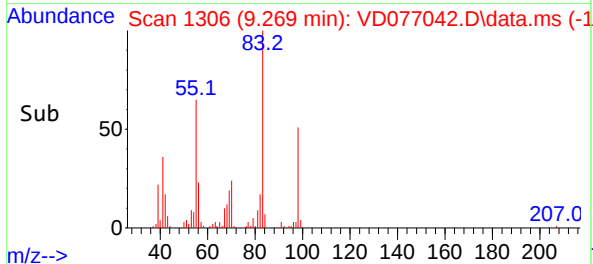
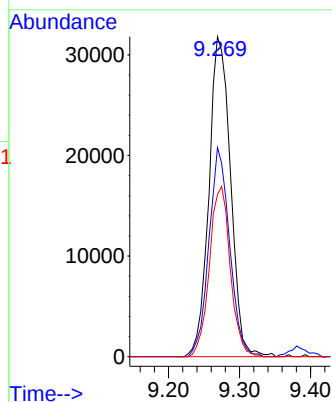


#39
Methylcyclohexane
Concen: 18.664 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

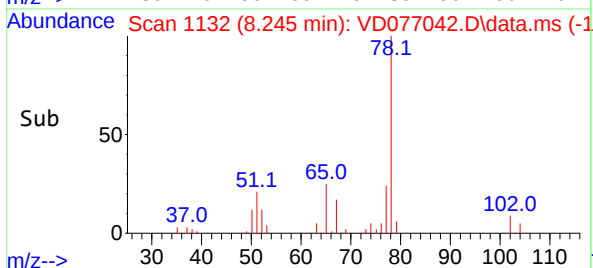
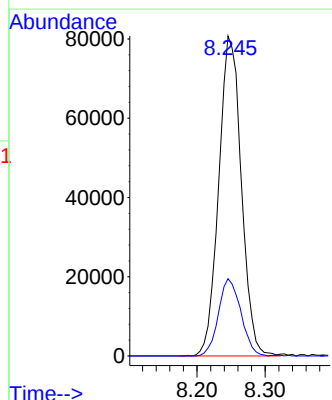
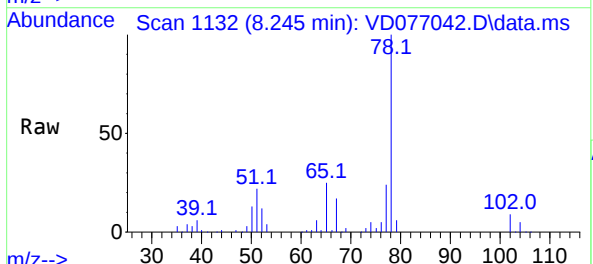


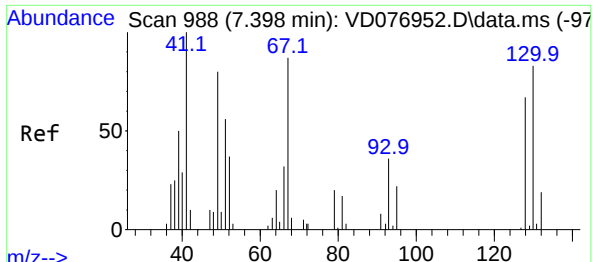
Tgt Ion: 83 Resp: 67337
Ion Ratio Lower Upper
83 100
55 65.3 49.4 74.0
98 50.7 38.4 57.6



#40
Benzene
Concen: 19.958 ug/l
RT: 8.245 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

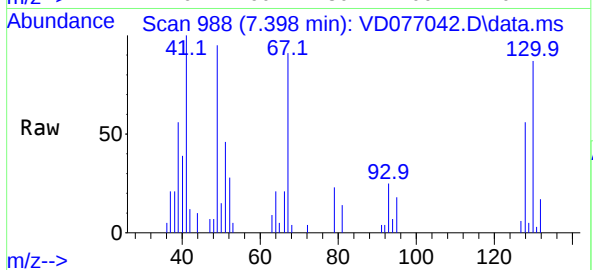
Tgt Ion: 78 Resp: 186006
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0



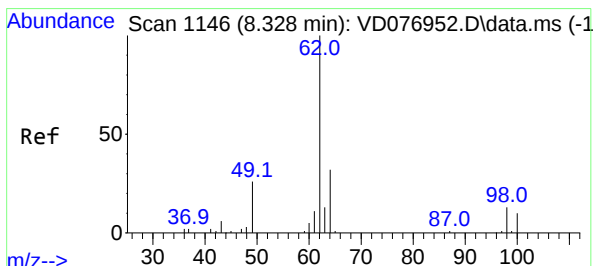
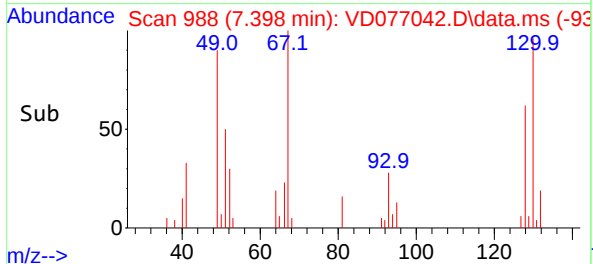
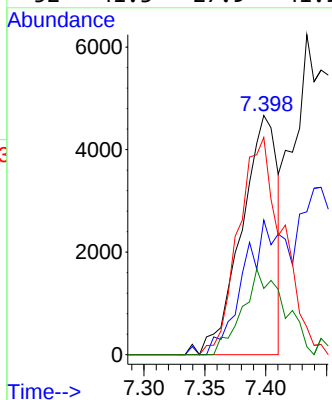


#41
Methacrylonitrile
Concen: 15.587 ug/l
RT: 7.398 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

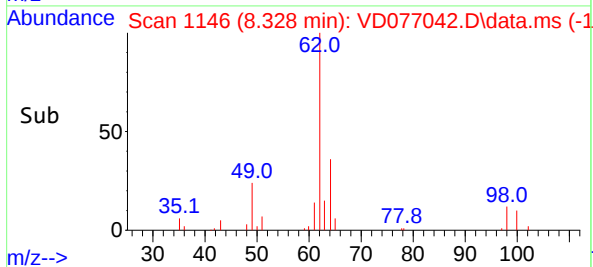
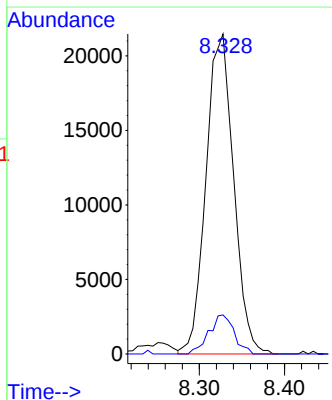
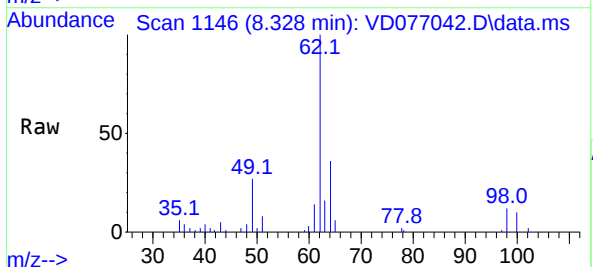


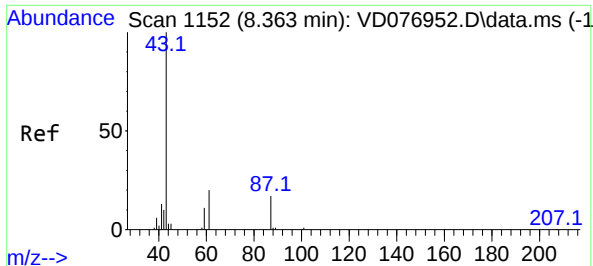
Tgt Ion: 41 Resp: 9621
Ion Ratio Lower Upper
41 100
39 68.4 34.0 51.0#
67 111.8 77.0 115.4
52 41.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.091 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

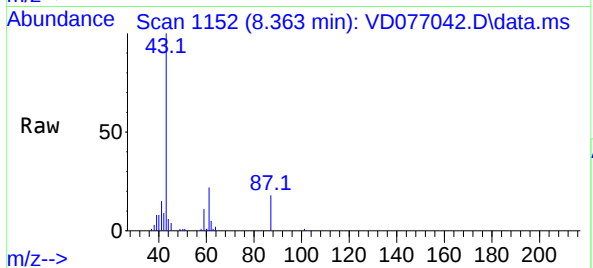
Tgt Ion: 62 Resp: 48387
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4



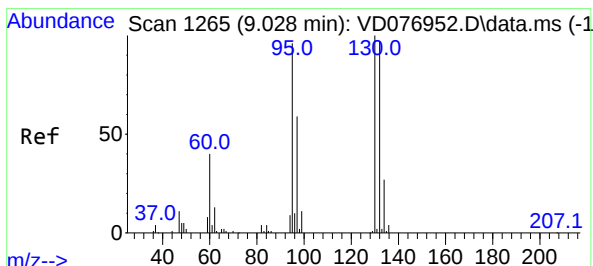
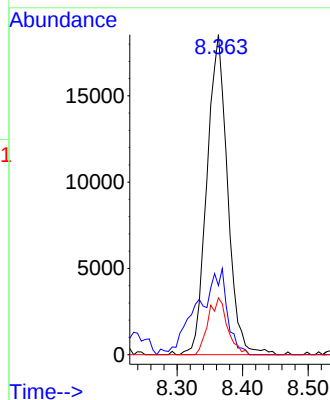
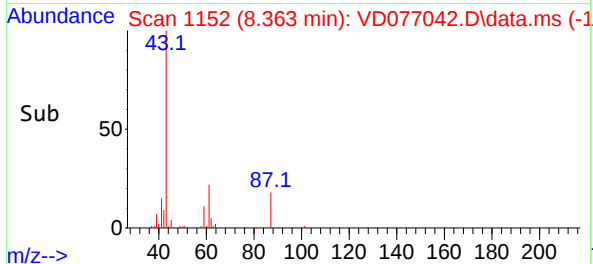


#43
Isopropyl Acetate
Concen: 19.054 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

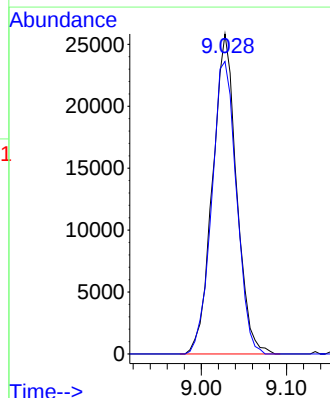
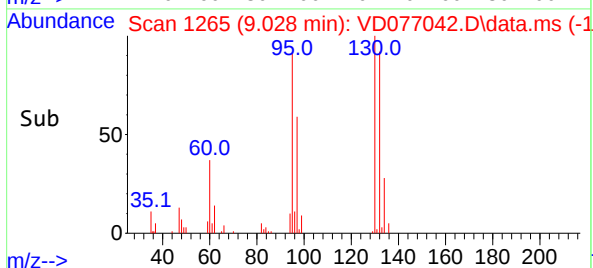
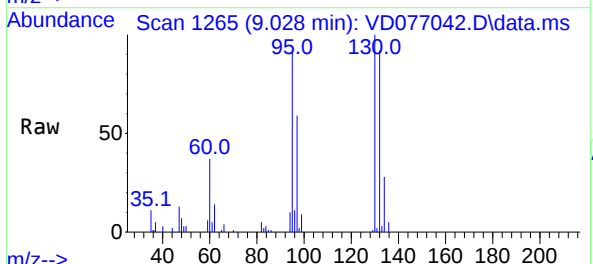


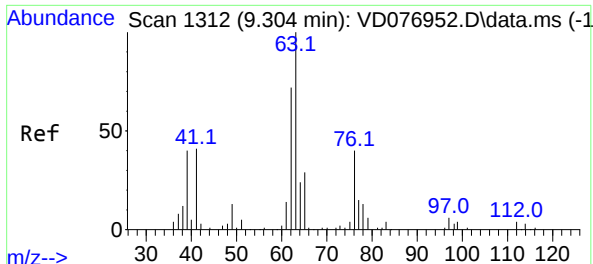
Tgt Ion: 43 Resp: 40523
Ion Ratio Lower Upper
43 100
61 20.9 31.4 47.0#
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 18.993 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 130 Resp: 50441
Ion Ratio Lower Upper
130 100
95 91.4 0.0 179.2

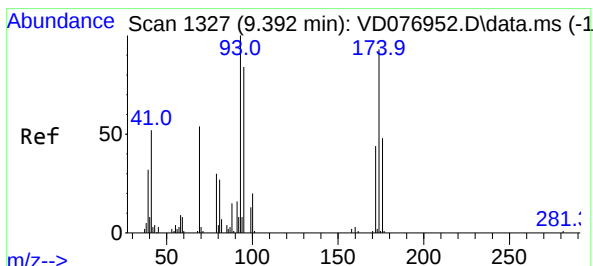
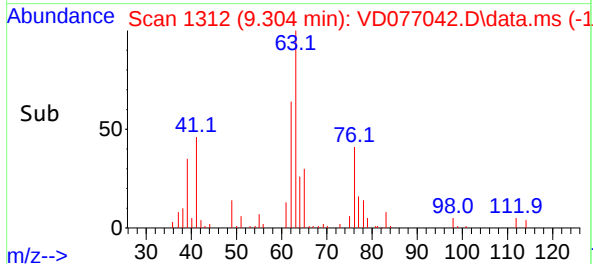
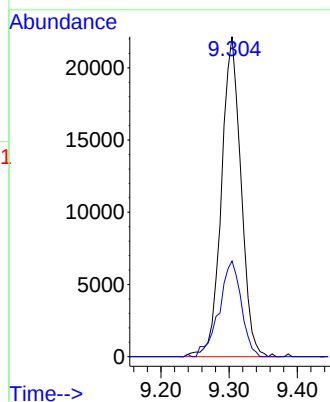
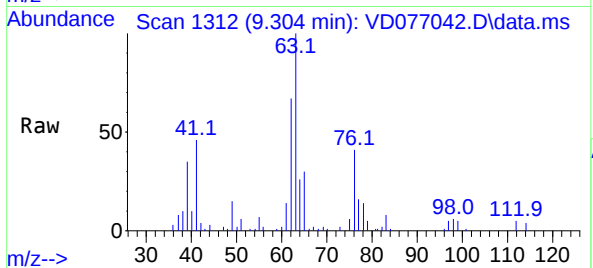




#45
1,2-Dichloropropane
Concen: 20.061 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

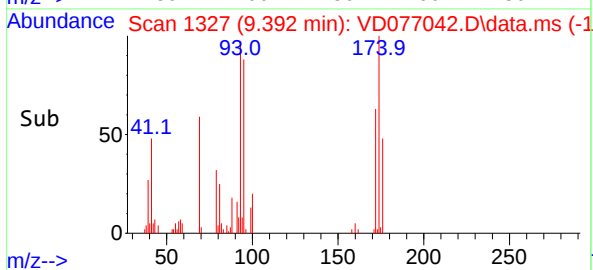
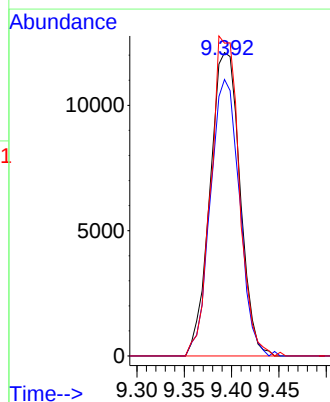
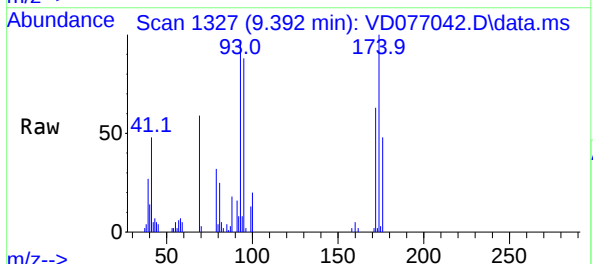
Instrument :
MSVOA_D
ClientSampleId :

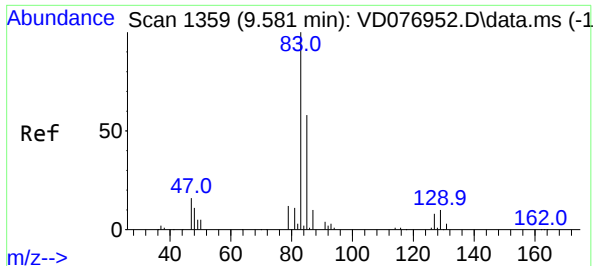
Tgt Ion: 63 Resp: 44229
Ion Ratio Lower Upper
63 100
65 29.9 24.5 36.7



#46
Dibromomethane
Concen: 18.950 ug/l
RT: 9.392 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 93 Resp: 26601
Ion Ratio Lower Upper
93 100
95 88.3 67.7 101.5
174 99.9 85.4 128.2

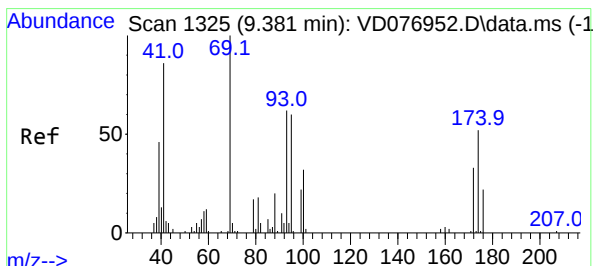
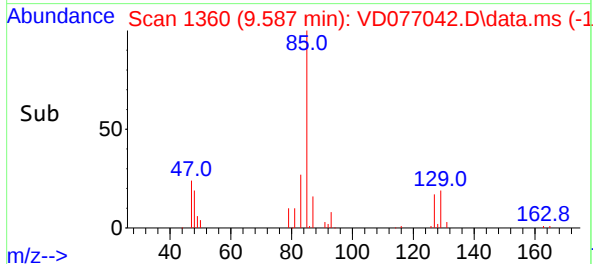
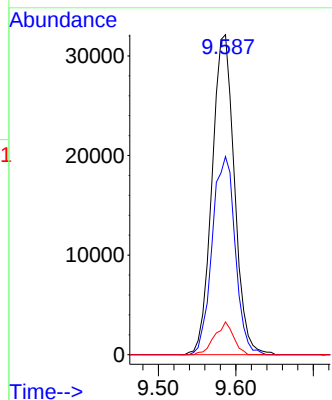
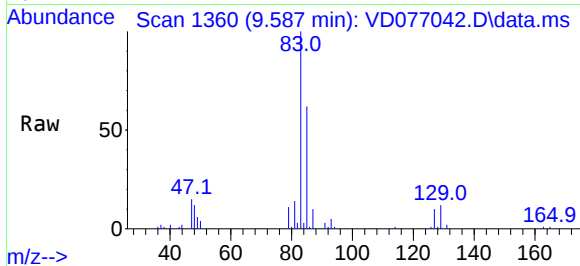




#47
Bromodichloromethane
Concen: 19.756 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

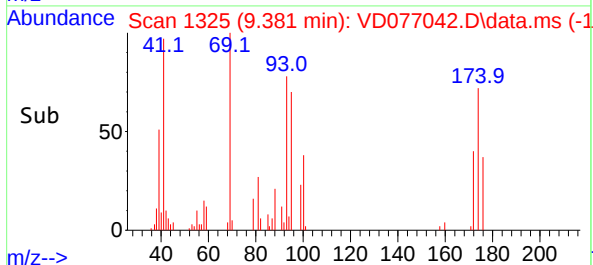
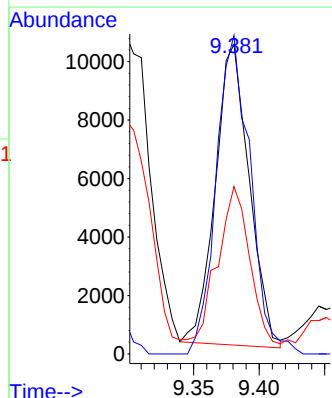
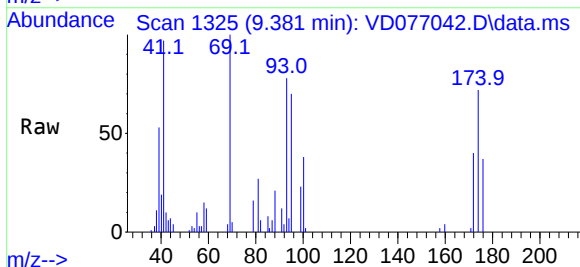
Instrument :
MSVOA_D
ClientSampleId :

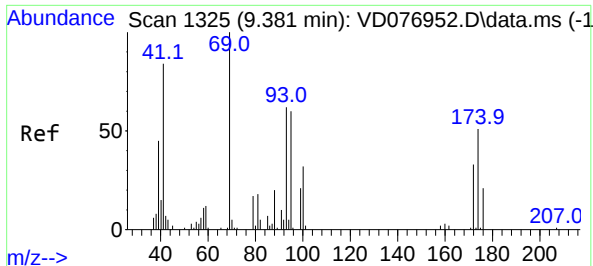
Tgt Ion: 83 Resp: 64738
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.4
127 10.2 6.3 9.5#



#48
Methyl methacrylate
Concen: 19.384 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

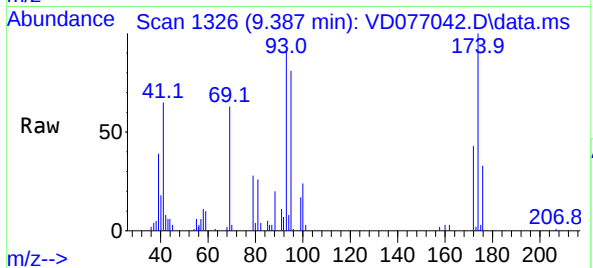
Tgt Ion: 41 Resp: 18478
Ion Ratio Lower Upper
41 100
69 106.8 102.2 153.2
39 49.1 41.4 62.2



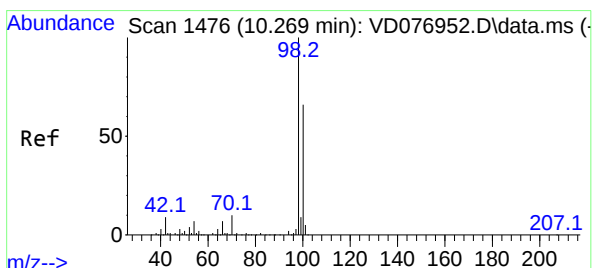
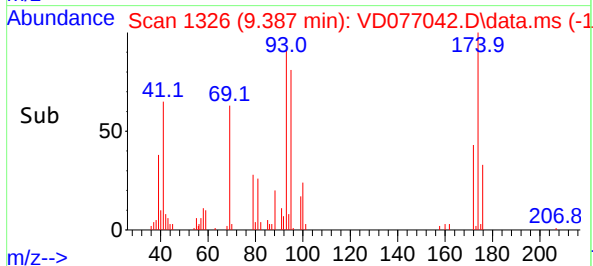
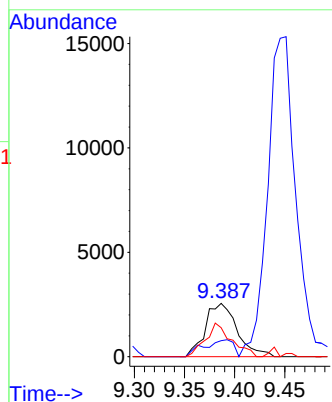


#49
1,4-Dioxane
Concen: 374.194 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

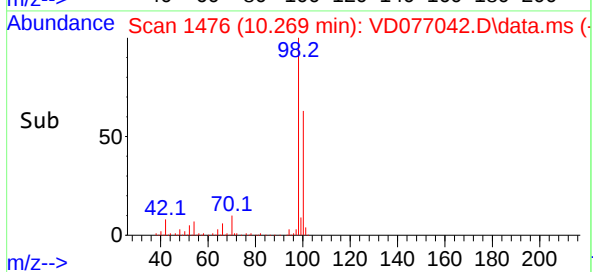
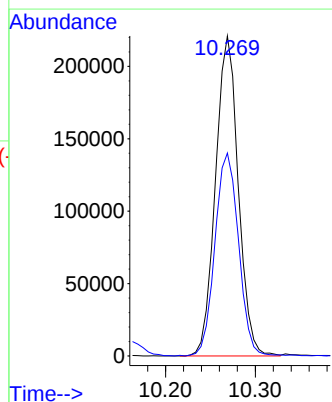
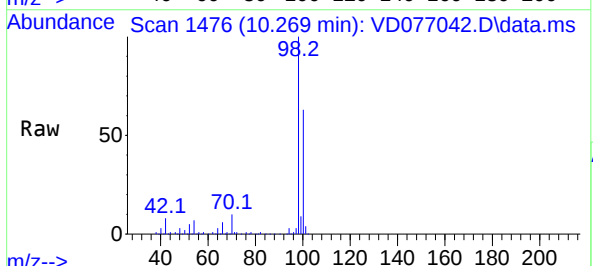


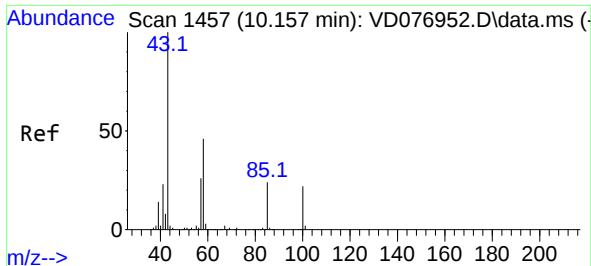
Tgt Ion: 88 Resp: 5627
Ion Ratio Lower Upper
88 100
43 29.3 19.0 28.6#
58 51.4 43.5 65.3



#50
Toluene-d8
Concen: 49.428 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 98 Resp: 389578
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5

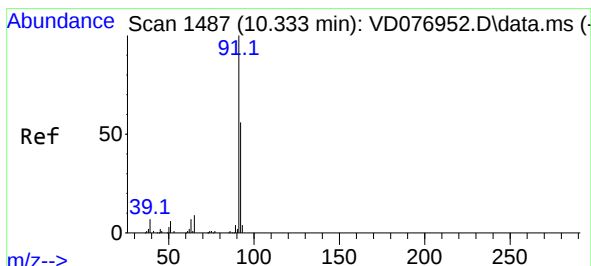
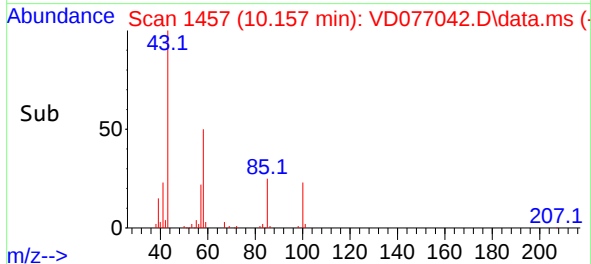
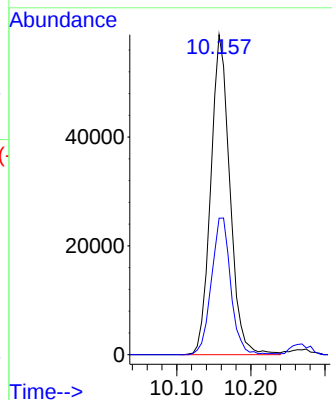
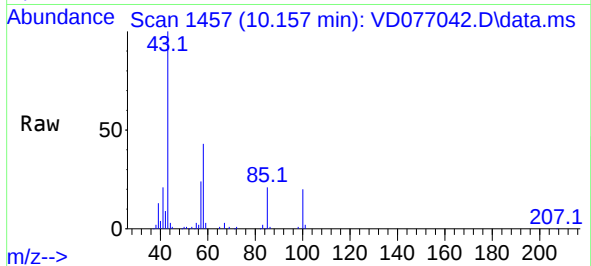




#51
4-Methyl-2-Pentanone
Concen: 96.162 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

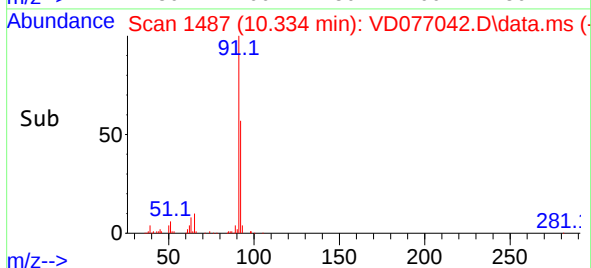
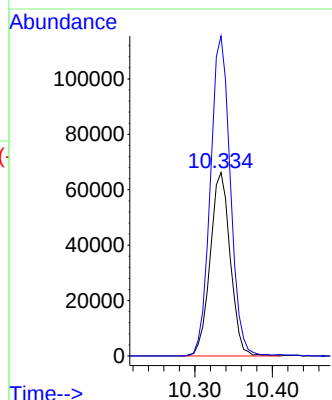
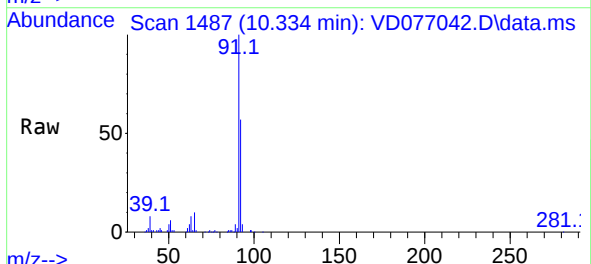
Instrument :
MSVOA_D
ClientSampleId :

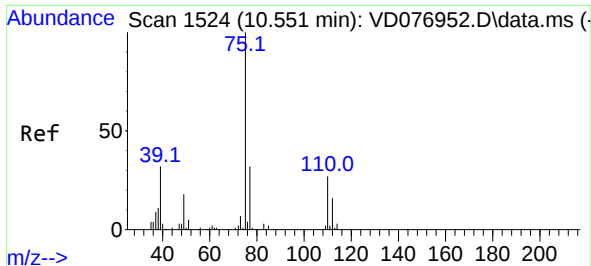
Tgt Ion: 43 Resp: 105208
Ion Ratio Lower Upper
43 100
58 43.4 38.9 58.3



#52
Toluene
Concen: 19.821 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.001 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 92 Resp: 119044
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.4

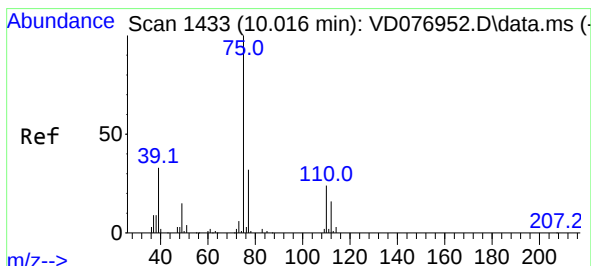
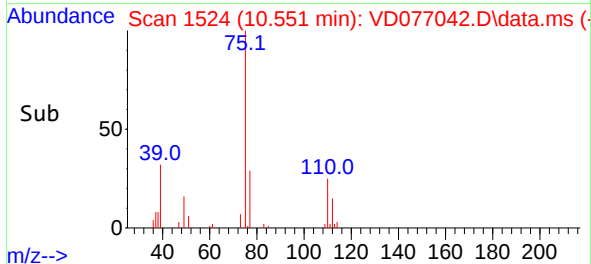
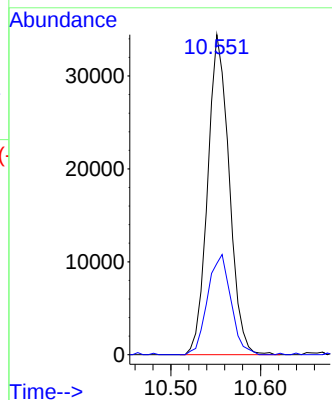
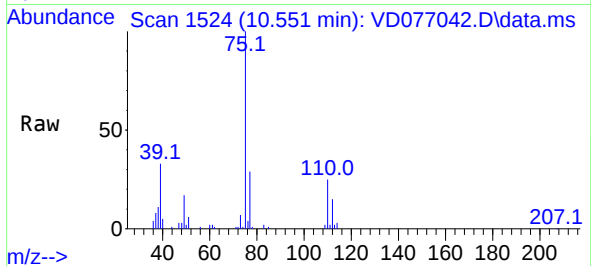




#53
 t-1,3-Dichloropropene
 Concen: 18.922 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

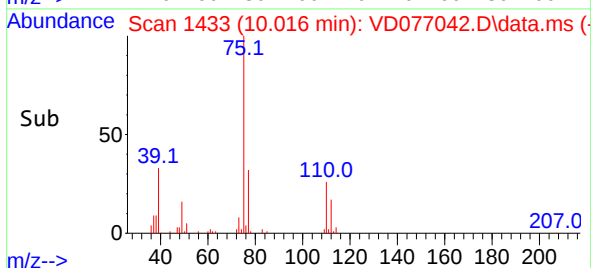
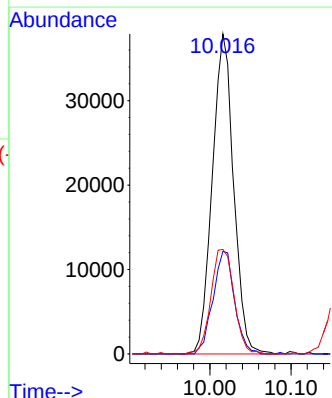
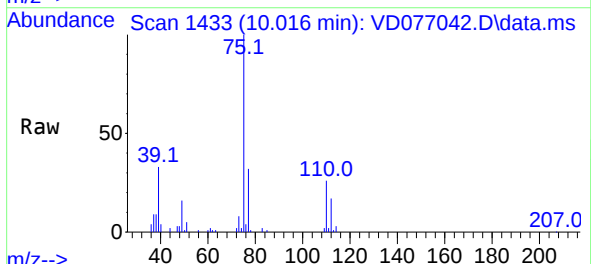
Instrument :
 MSVOA_D
 ClientSampleId :

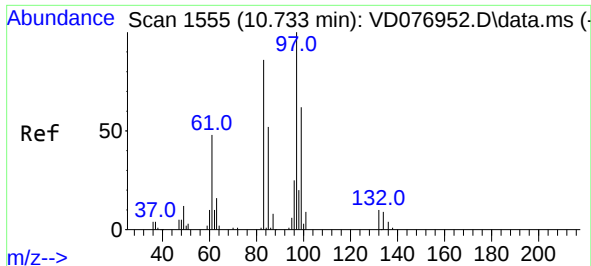
Tgt Ion: 75 Resp: 57346
 Ion Ratio Lower Upper
 75 100
 77 28.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.151 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

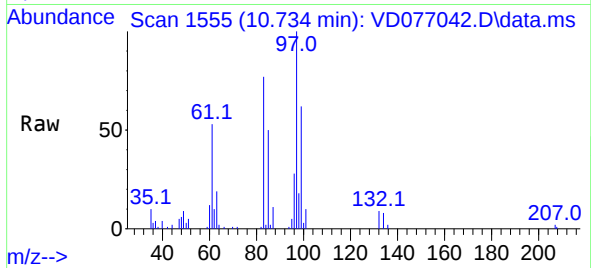
Tgt Ion: 75 Resp: 69026
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3
 39 32.6 22.1 33.1





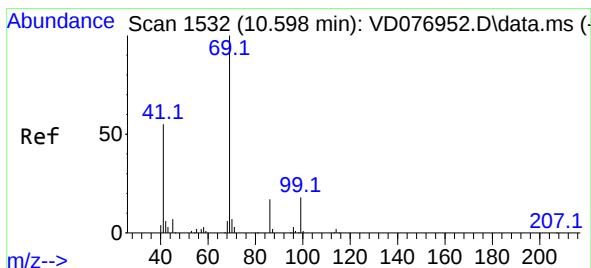
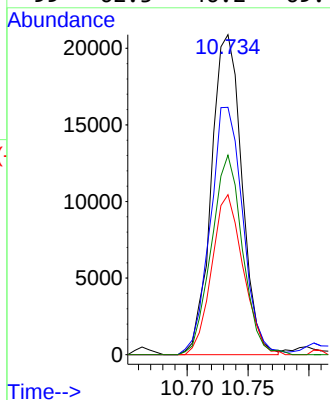
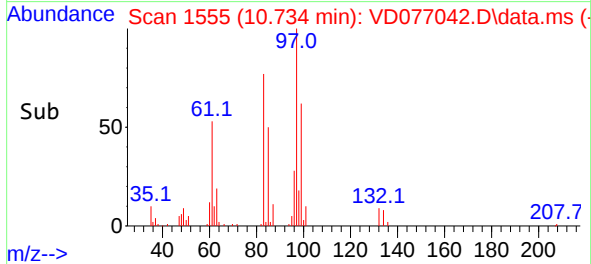
#55
1,1,2-Trichloroethane
Concen: 19.572 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

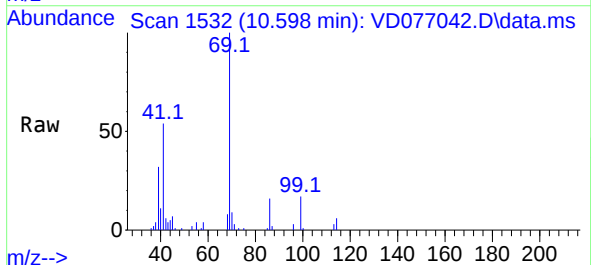


Tgt Ion: 97 Resp: 36468

Ion	Ratio	Lower	Upper
97	100		
83	77.3	65.8	98.6
85	50.0	45.7	68.5
99	62.3	46.2	69.4

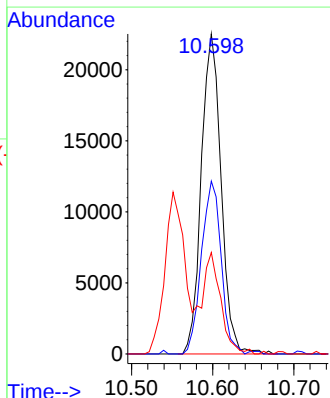
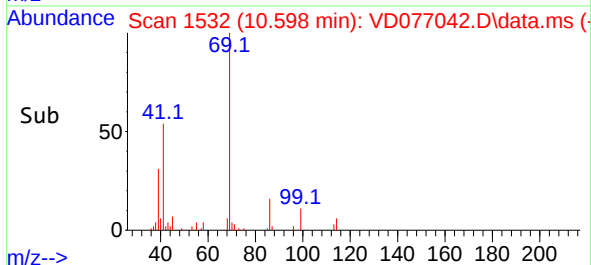


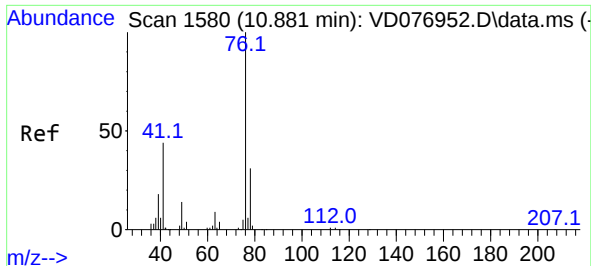
#56
Ethyl methacrylate
Concen: 19.439 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37



Tgt Ion: 69 Resp: 38198

Ion	Ratio	Lower	Upper
69	100		
41	53.7	39.1	58.7
39	24.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 19.850 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

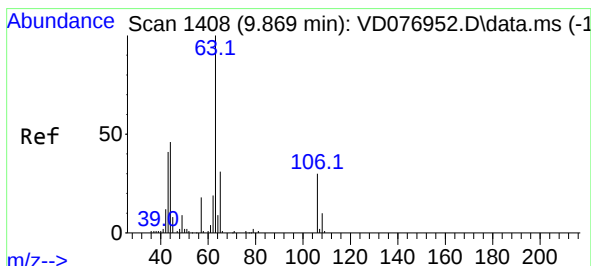
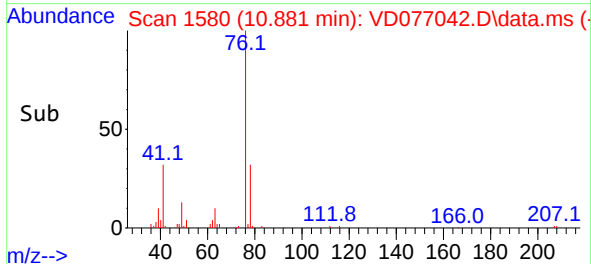
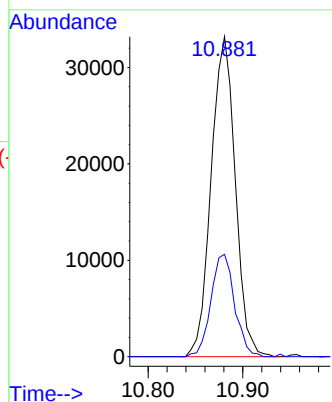
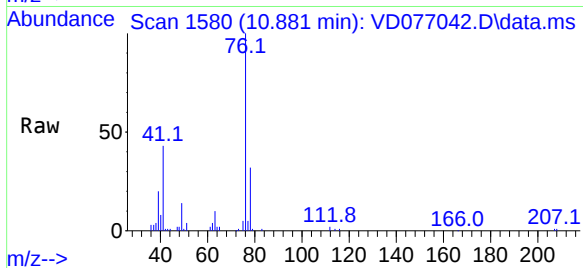
ClientSampleId :

Tgt Ion: 76 Resp: 58783

Ion Ratio Lower Upper

76 100

78 31.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 153.552 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077042.D

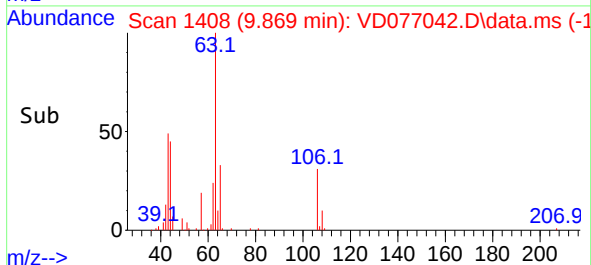
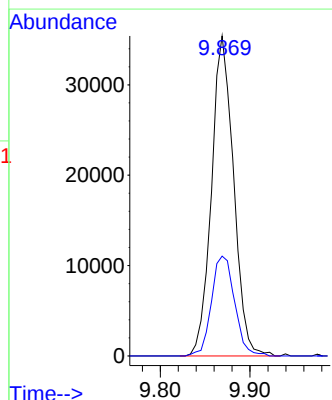
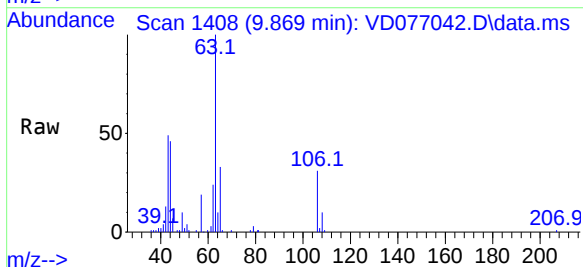
Acq: 28 Aug 2023 15:37

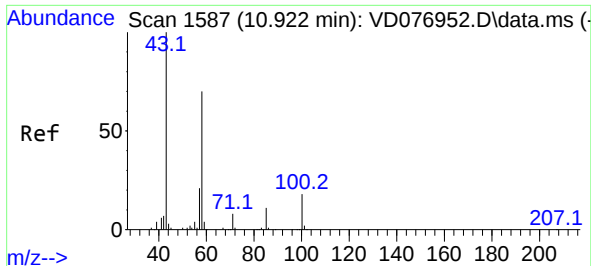
Tgt Ion: 63 Resp: 60605

Ion Ratio Lower Upper

63 100

106 32.7 25.3 37.9

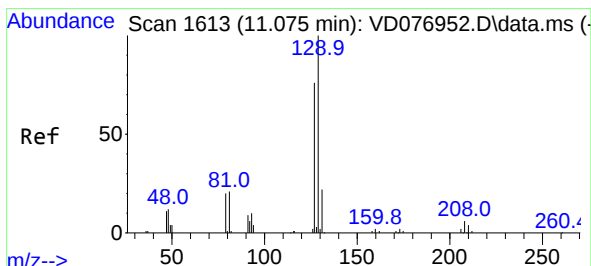
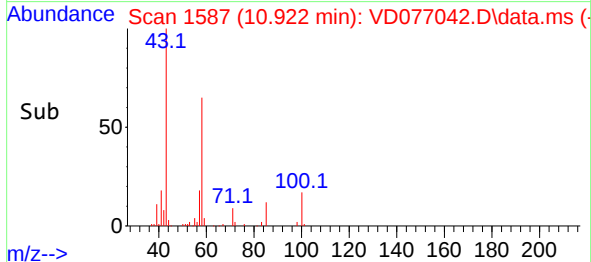
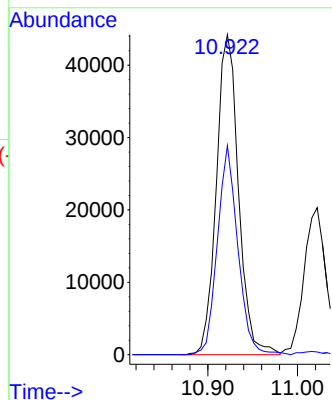
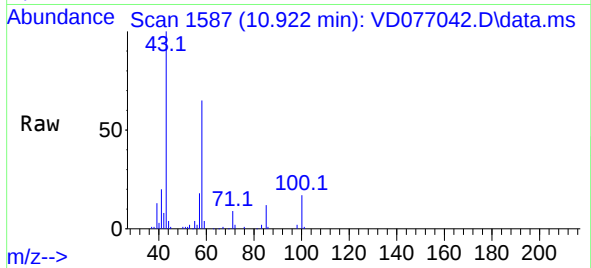




#59
2-Hexanone
Concen: 96.446 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

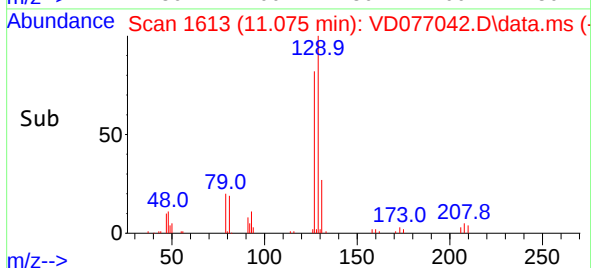
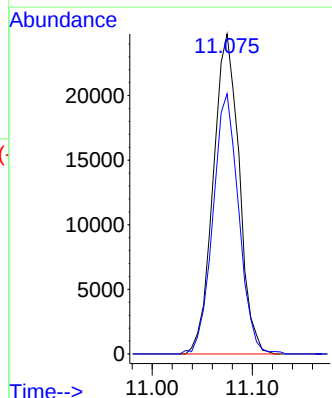
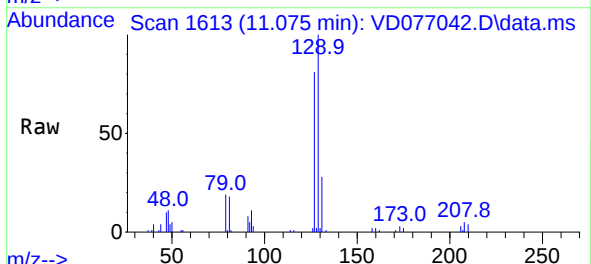
Instrument :
MSVOA_D
ClientSampleId :

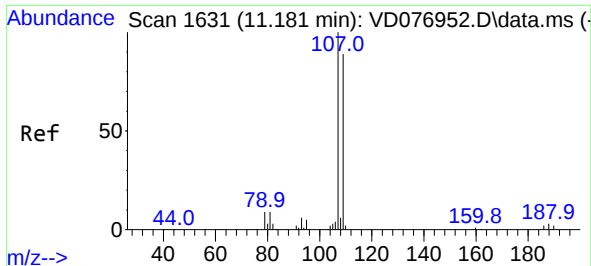
Tgt Ion: 43 Resp: 75741
Ion Ratio Lower Upper
43 100
58 60.2 34.1 102.2



#60
Dibromochloromethane
Concen: 19.221 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 129 Resp: 44330
Ion Ratio Lower Upper
129 100
127 80.9 37.1 111.5

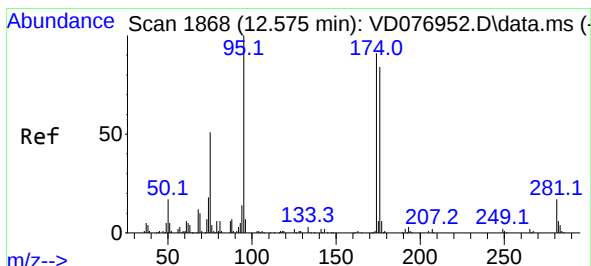
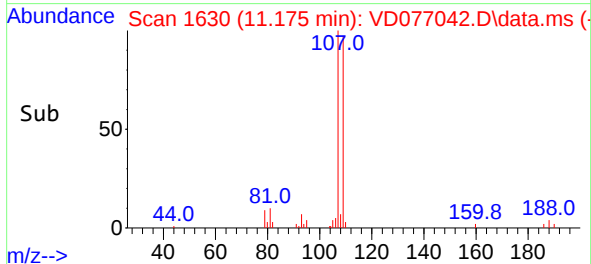
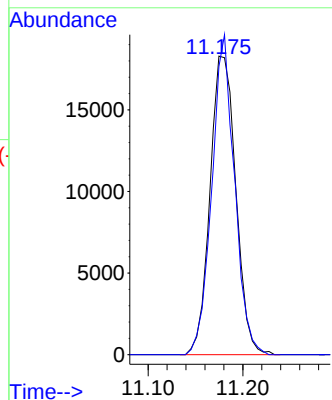
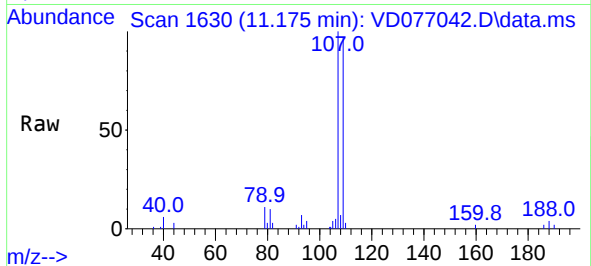




#61
1,2-Dibromoethane
Concen: 19.426 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

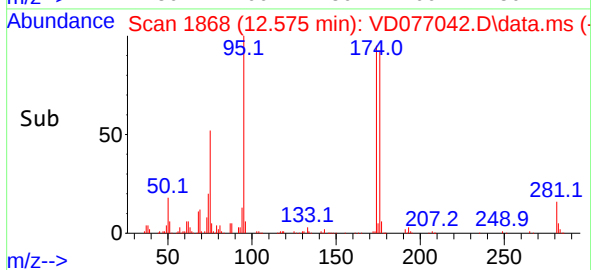
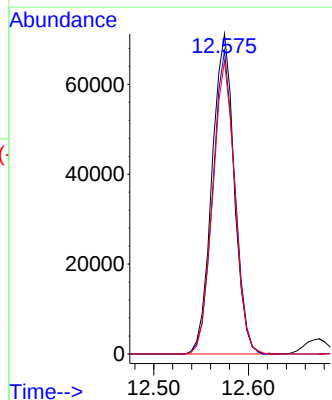
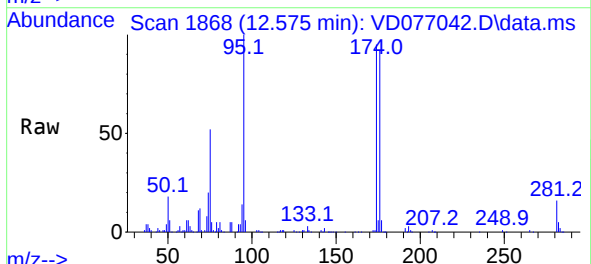
Instrument :
MSVOA_D
ClientSampleId :

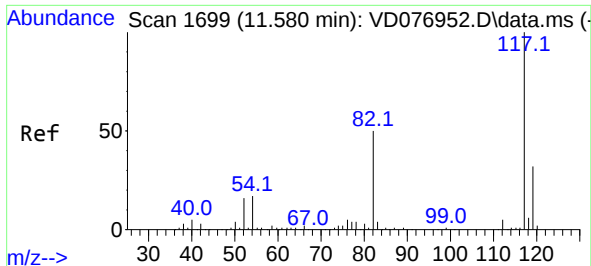
Tgt Ion:107 Resp: 34650
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.724 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 95 Resp: 115548
Ion Ratio Lower Upper
95 100
174 94.1 0.0 201.8
176 91.4 0.0 191.8

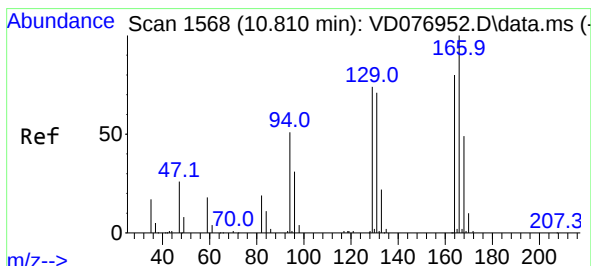
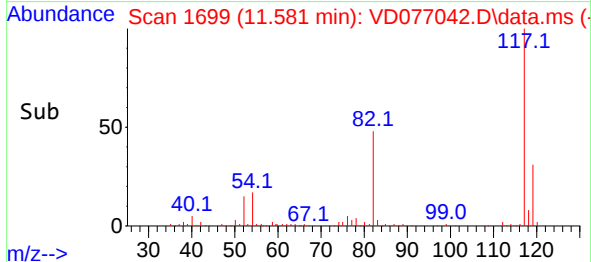
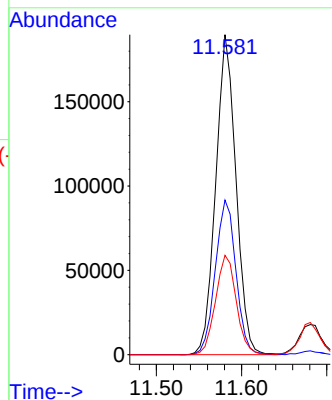
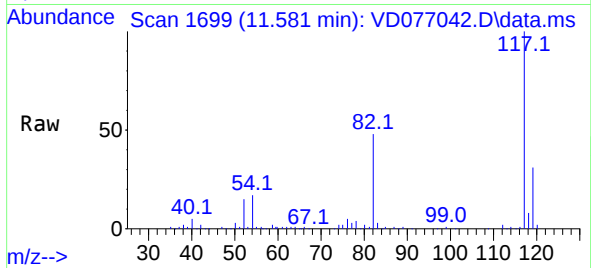




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

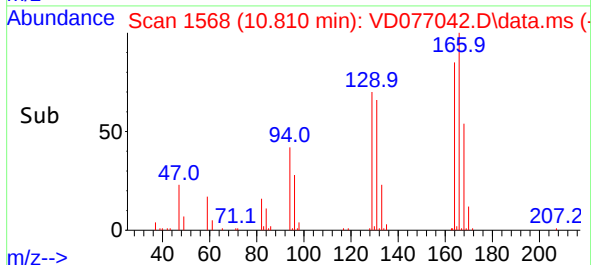
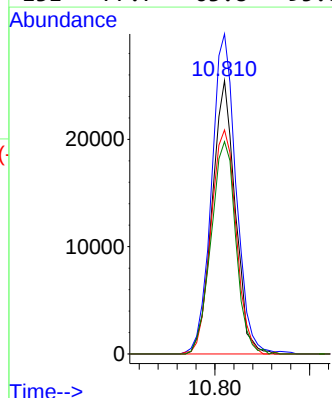
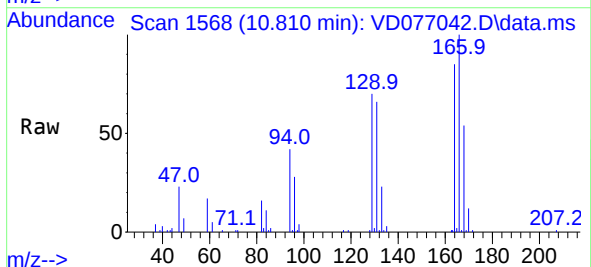
Instrument :
MSVOA_D
ClientSampleId :

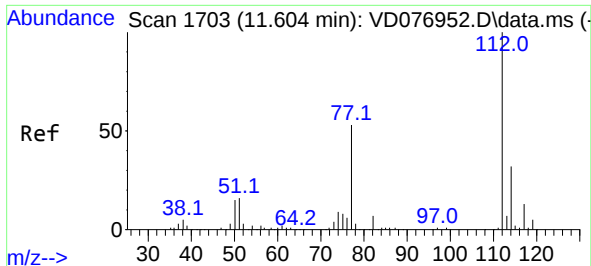
Tgt Ion:117 Resp: 313068
Ion Ratio Lower Upper
117 100
82 48.3 38.3 57.5
119 31.1 25.0 37.4



#64
Tetrachloroethene
Concen: 19.178 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion:164 Resp: 43239
Ion Ratio Lower Upper
164 100
166 117.1 99.2 148.8
129 81.9 68.4 102.6
131 77.7 63.8 95.8

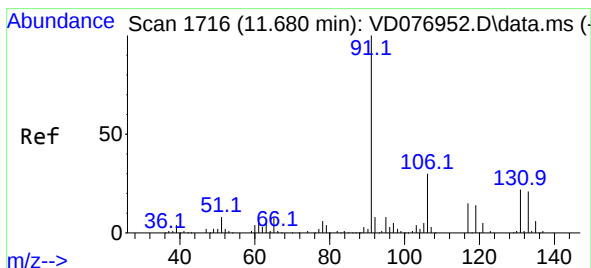
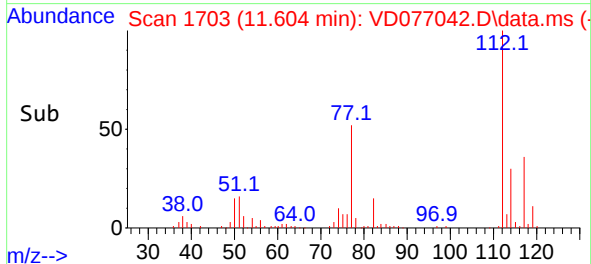
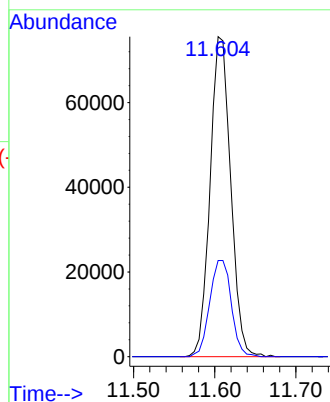
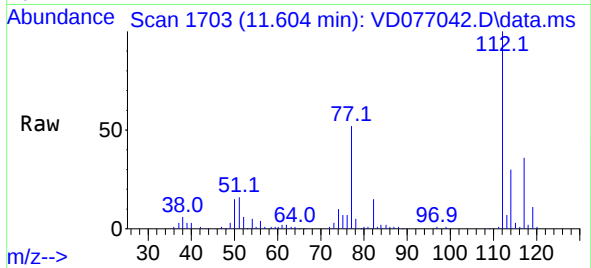




#65
Chlorobenzene
Concen: 19.618 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

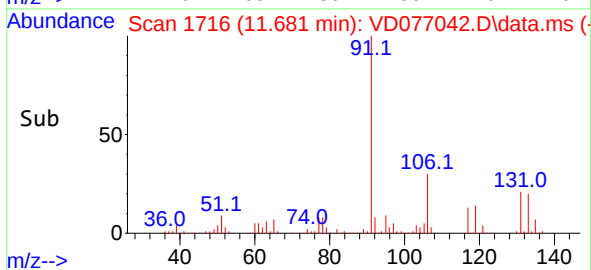
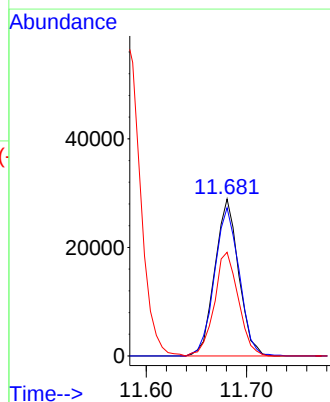
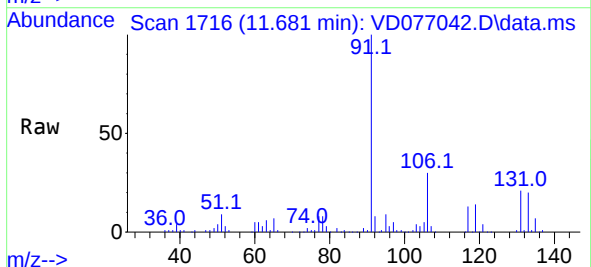
Instrument :
MSVOA_D
ClientSampleId :

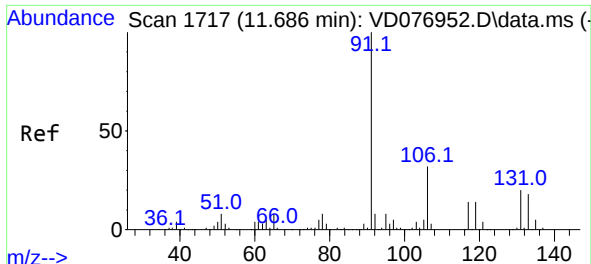
Tgt Ion:112 Resp: 133171
Ion Ratio Lower Upper
112 100
114 30.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.756 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion:131 Resp: 47580
Ion Ratio Lower Upper
131 100
133 98.1 48.5 145.5
119 66.8 35.6 106.9





#67

Ethyl Benzene

Concen: 18.670 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.005 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

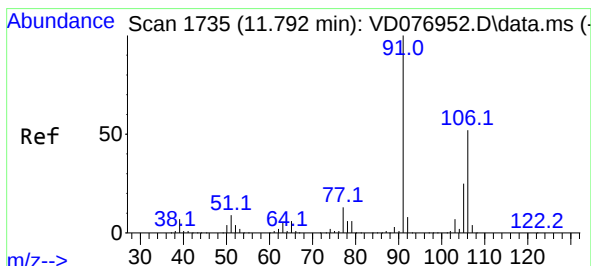
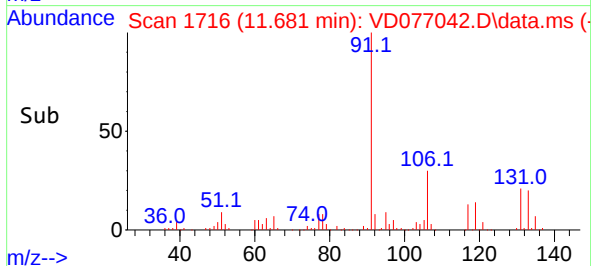
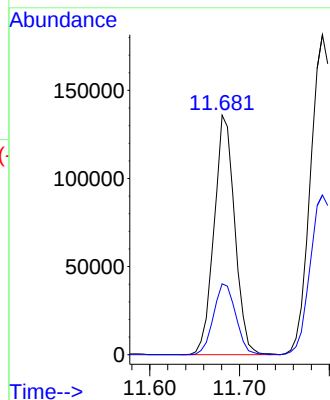
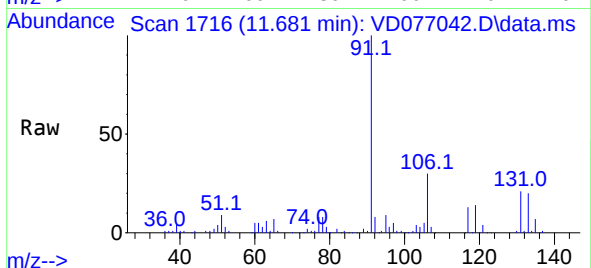
ClientSampleId :

Tgt Ion: 91 Resp: 217507

Ion Ratio Lower Upper

91 100

106 29.6 26.5 39.7



#68

m/p-Xylenes

Concen: 37.673 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077042.D

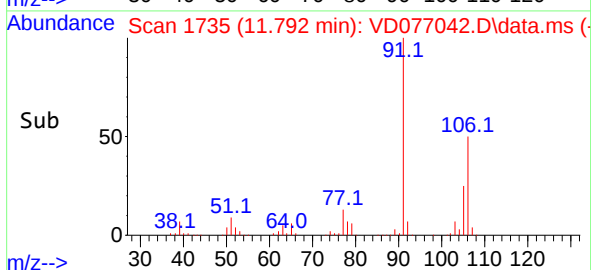
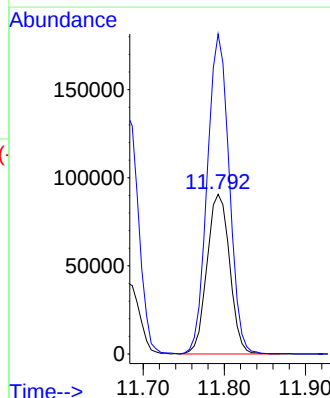
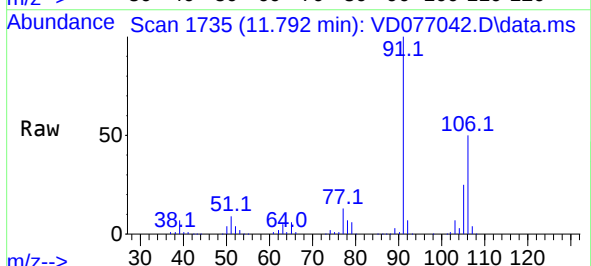
Acq: 28 Aug 2023 15:37

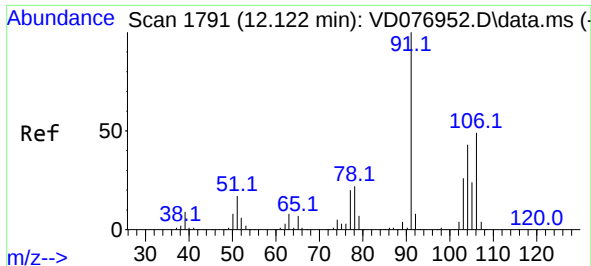
Tgt Ion:106 Resp: 175703

Ion Ratio Lower Upper

106 100

91 194.1 147.0 220.6

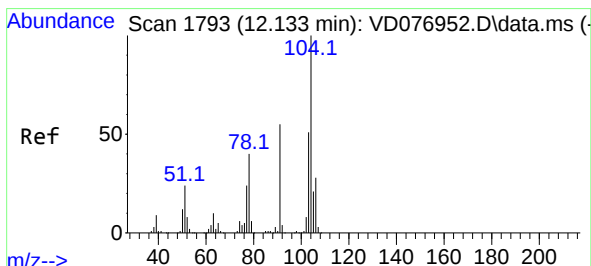
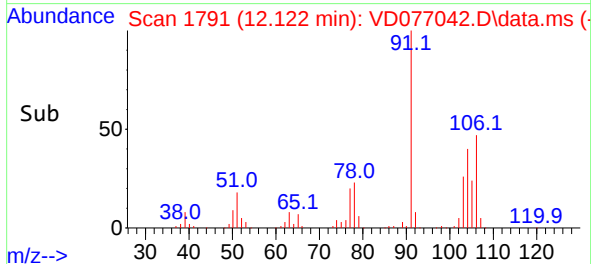
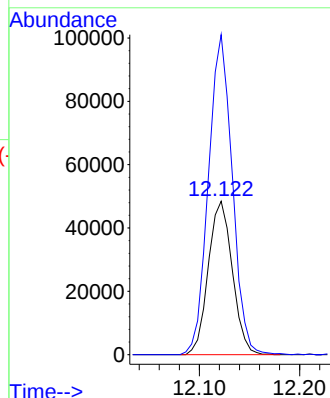
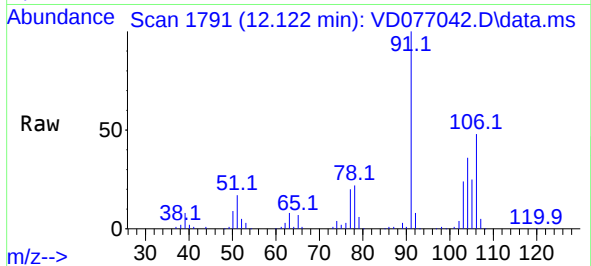




#69
o-Xylene
Concen: 18.935 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

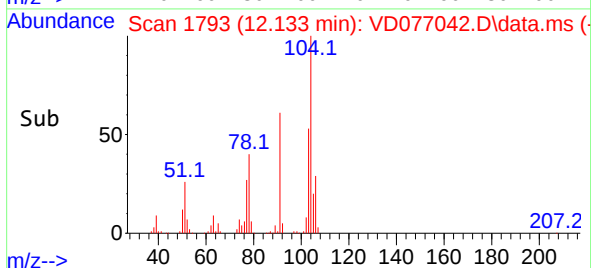
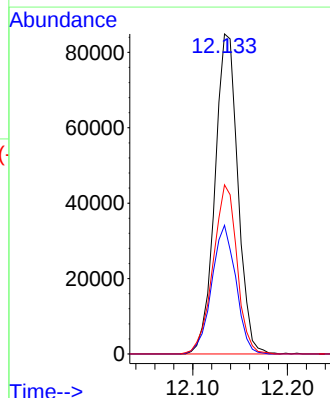
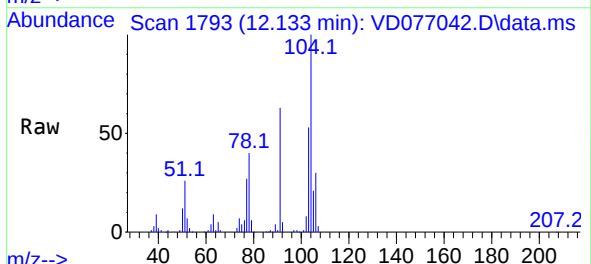
Instrument :
MSVOA_D
ClientSampleId :

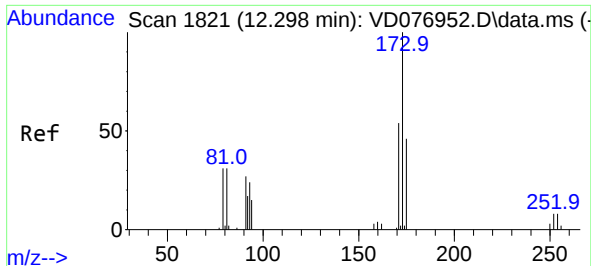
Tgt Ion:106 Resp: 80722
Ion Ratio Lower Upper
106 100
91 207.0 97.9 293.6



#70
Styrene
Concen: 19.314 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

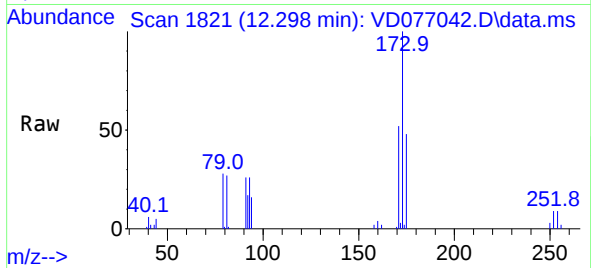
Tgt Ion:104 Resp: 143035
Ion Ratio Lower Upper
104 100
78 42.2 33.2 49.8
103 55.1 43.6 65.4



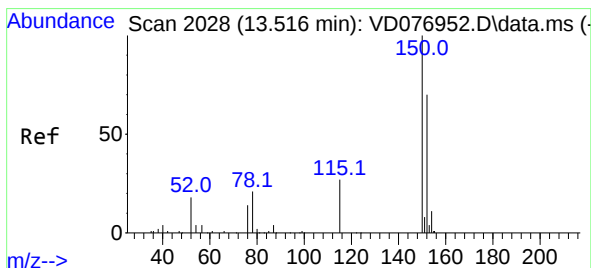
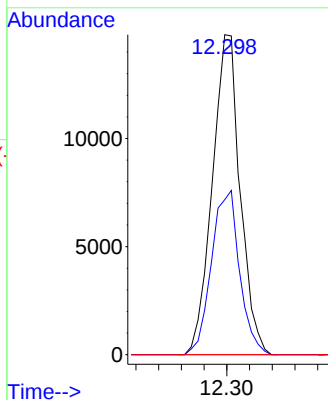
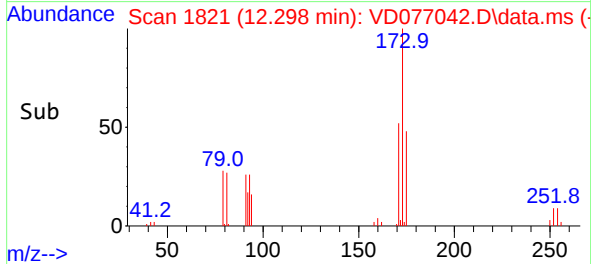


#71
Bromoform
Concen: 17.850 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

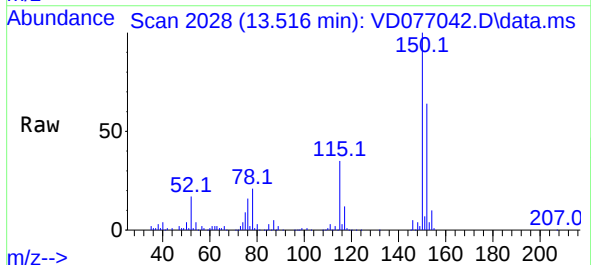
Instrument :
MSVOA_D
ClientSampleId :



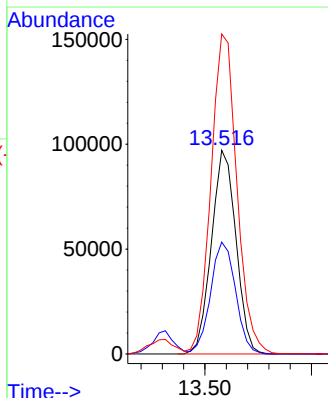
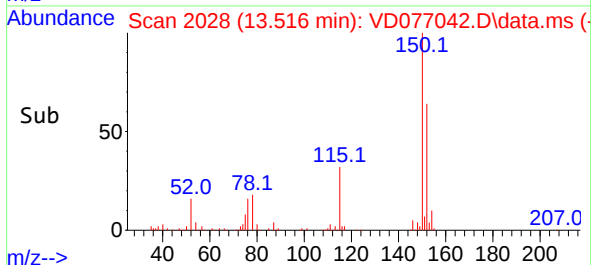
Tgt Ion:173 Resp: 25214
Ion Ratio Lower Upper
173 100
175 51.7 24.6 73.8
254 0.0 0.0 0.0

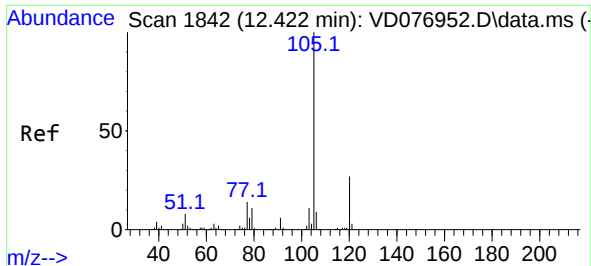


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37



Tgt Ion:152 Resp: 155472
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 165.9 0.0 353.6

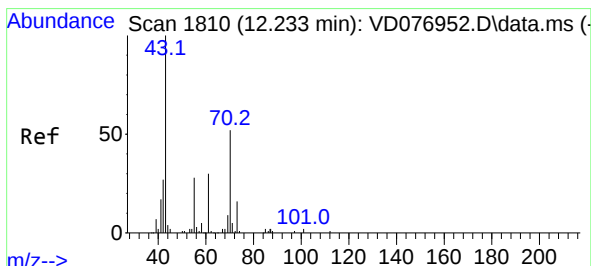
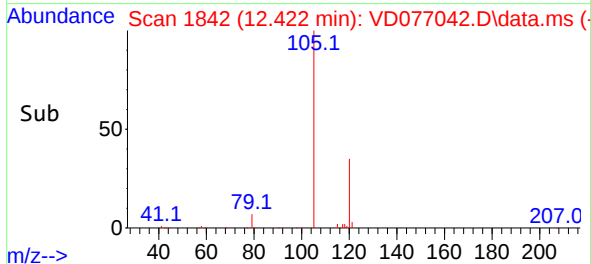
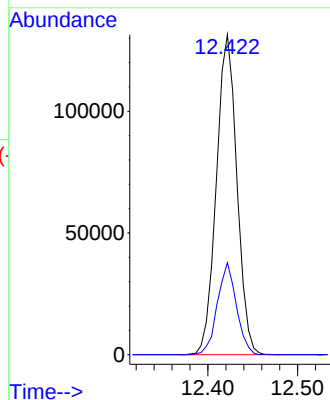
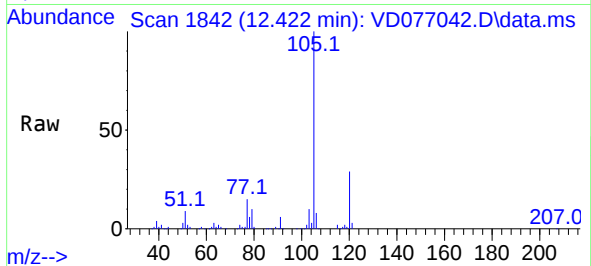




#73
Isopropylbenzene
Concen: 19.238 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

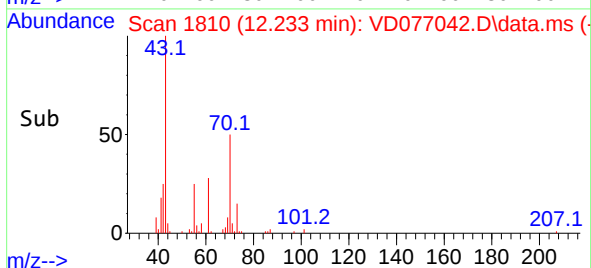
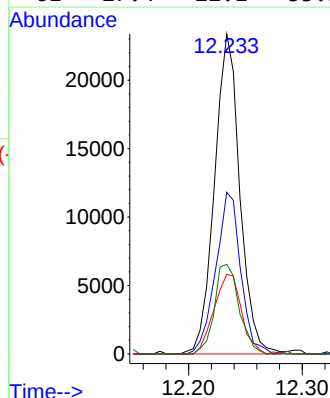
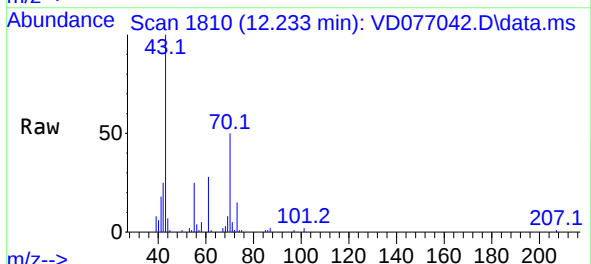
Instrument :
MSVOA_D
ClientSampleId :

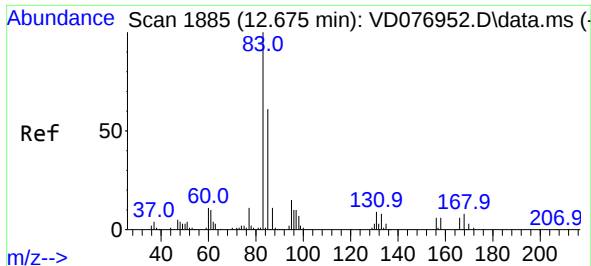
Tgt Ion:105 Resp: 208720
Ion Ratio Lower Upper
105 100
120 26.7 14.3 42.9



#74
N-ethyl acetate
Concen: 18.923 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 43 Resp: 36159
Ion Ratio Lower Upper
43 100
70 49.9 45.0 67.4
55 27.0 23.8 35.6
61 27.4 22.1 33.1

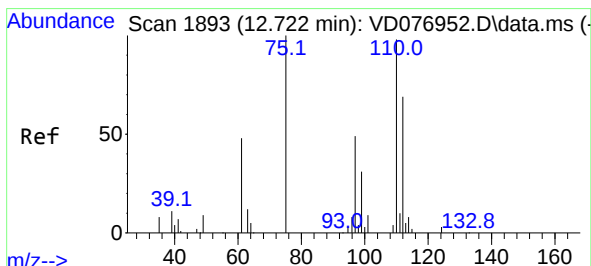
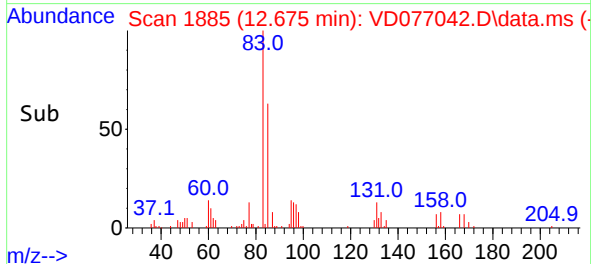
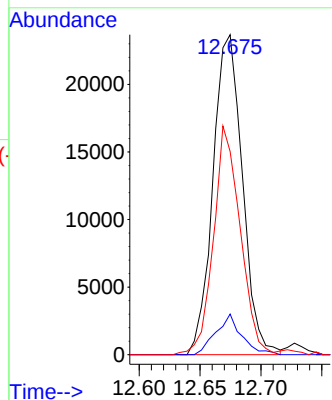
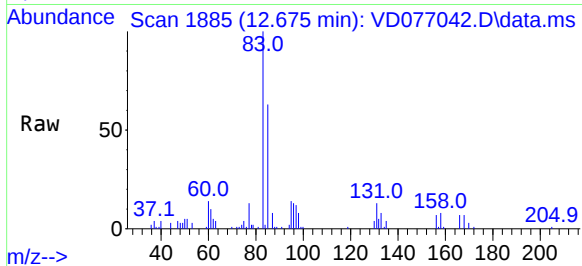




#75
1,1,2,2-Tetrachloroethane
Concen: 18.770 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

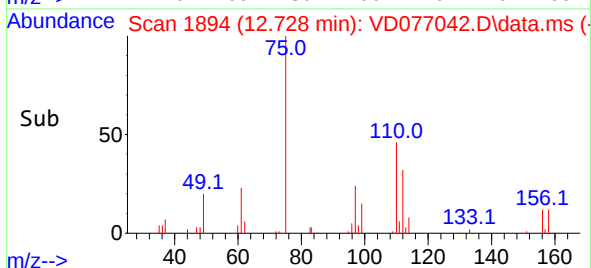
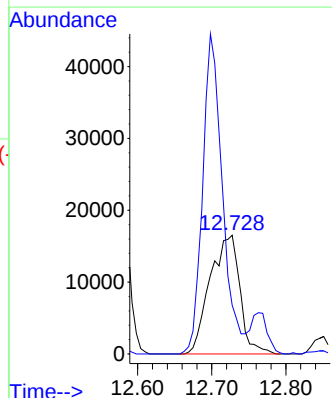
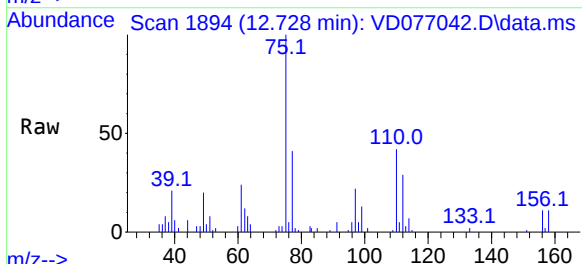
Instrument :
MSVOA_D
ClientSampleId :

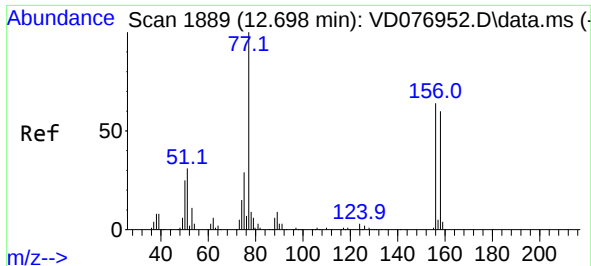
Tgt Ion:	83	Resp:	39815
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.3
85	64.7	32.6	97.8



#76
1,2,3-Trichloropropane
Concen: 30.867 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion:	75	Resp:	46287
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

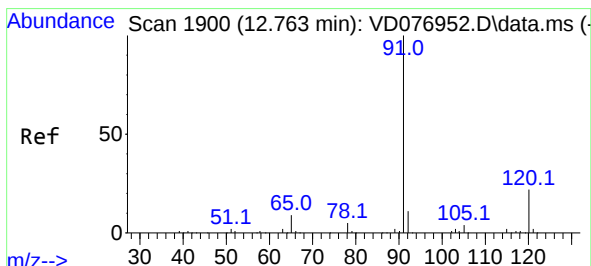
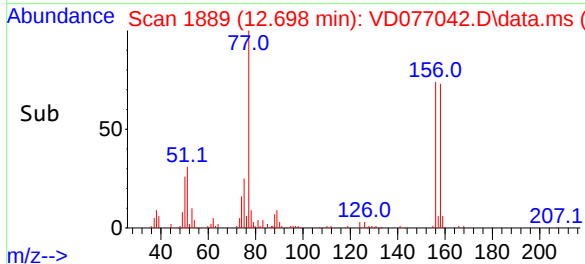
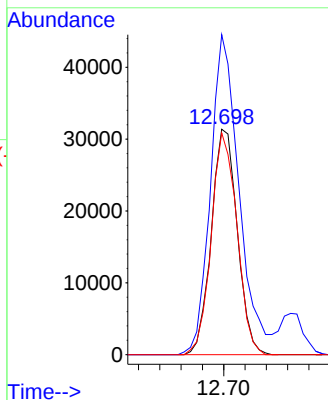
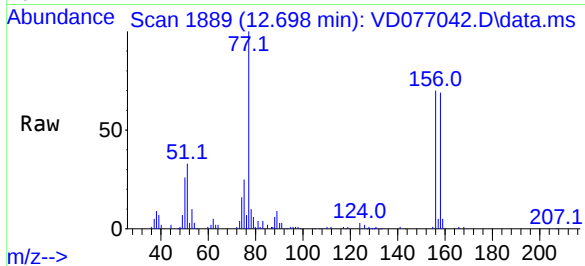




#77
Bromobenzene
Concen: 19.440 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

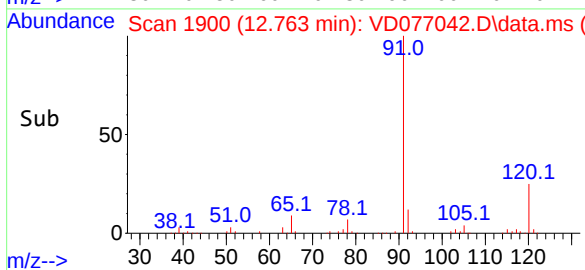
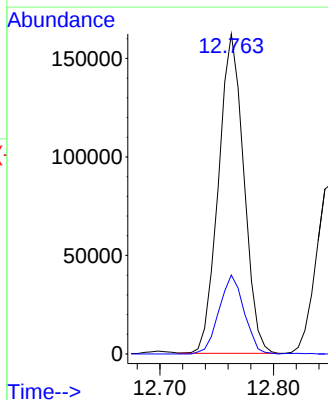
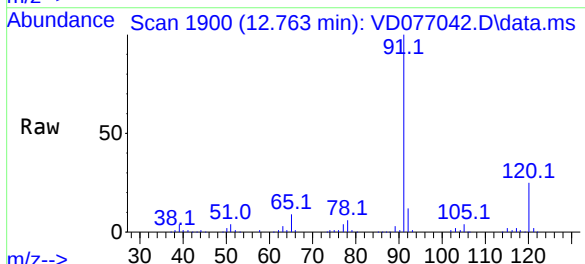
Instrument :
MSVOA_D
ClientSampleId :

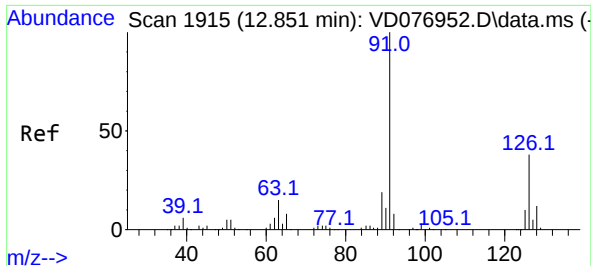
Tgt Ion:156 Resp: 53182
Ion Ratio Lower Upper
156 100
77 156.2 76.8 230.4
158 97.1 48.6 145.9



#78
n-propylbenzene
Concen: 18.973 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 91 Resp: 251570
Ion Ratio Lower Upper
91 100
120 24.3 12.4 37.2

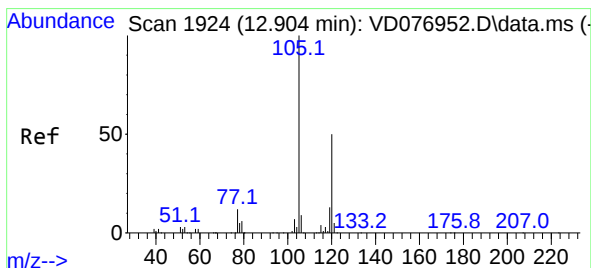
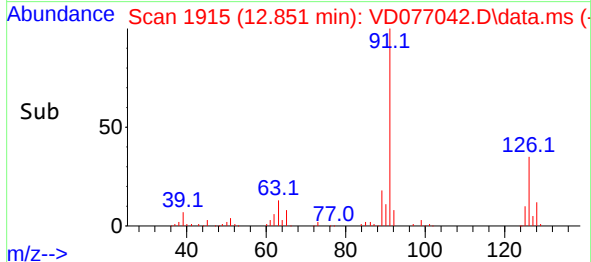
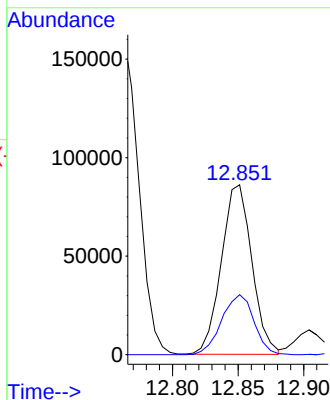
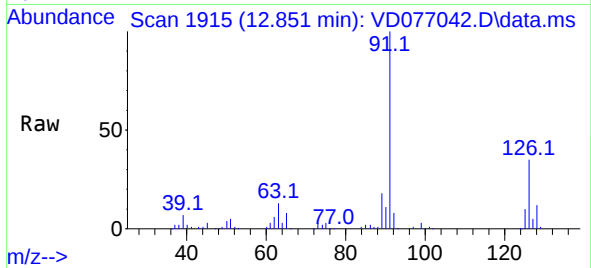




#79
2-Chlorotoluene
Concen: 19.276 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

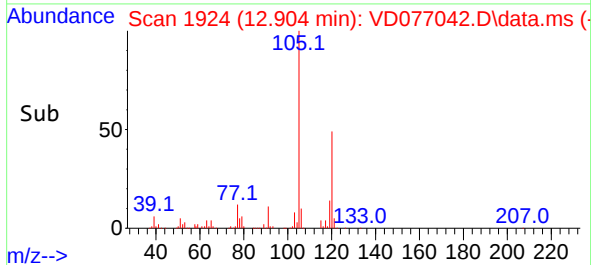
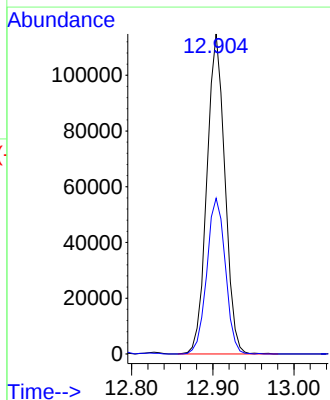
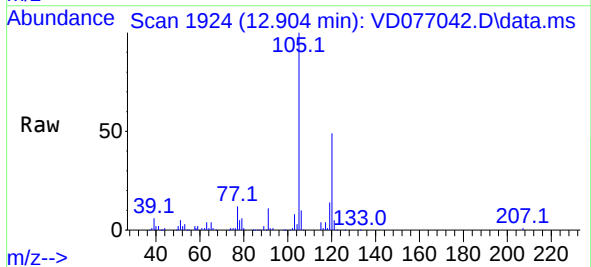
Instrument :
MSVOA_D
ClientSampleId :

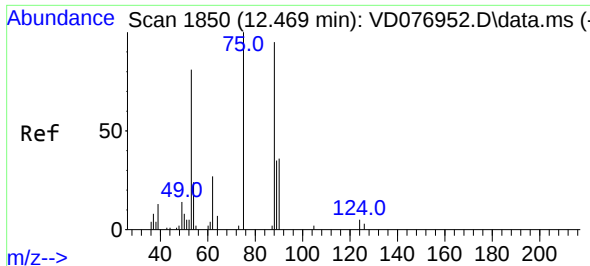
Tgt Ion: 91 Resp: 139732
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.525 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 105 Resp: 176861
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2

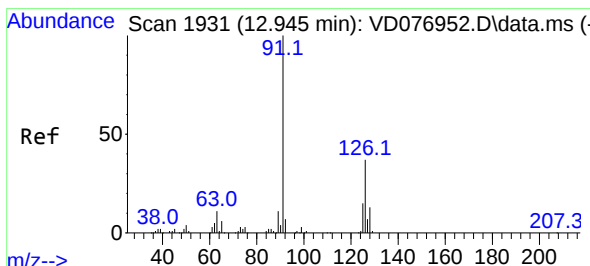
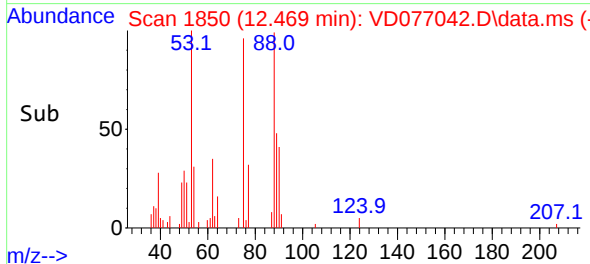
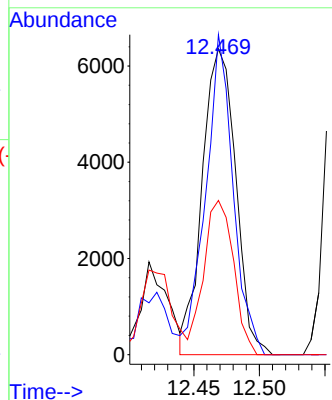
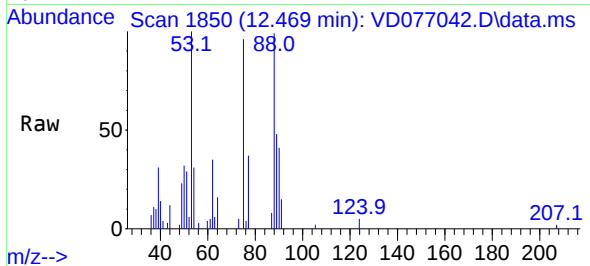




#81
trans-1,4-Dichloro-2-butene
Concen: 17.440 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

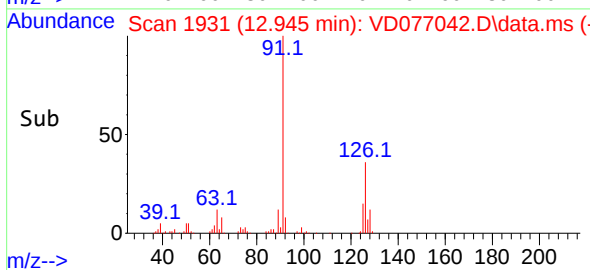
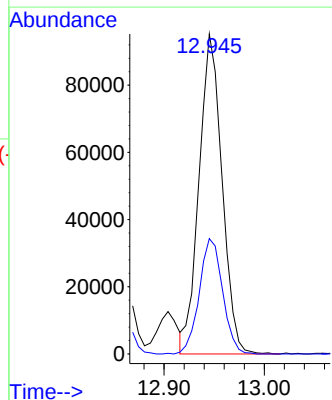
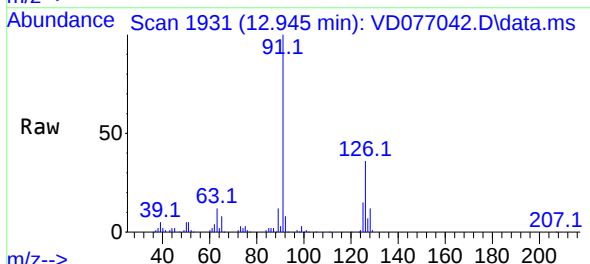
Instrument :
MSVOA_D
ClientSampleId :

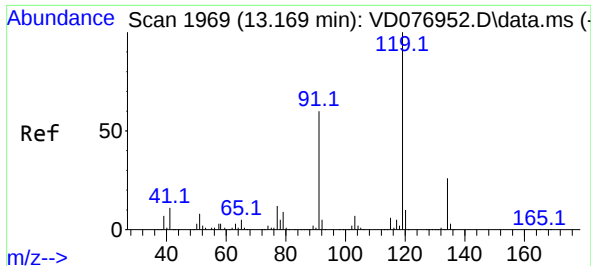
Tgt Ion:	75	Resp:	11264
Ion	Ratio	Lower	Upper
75	100		
53	85.8	63.0	94.4
89	44.8	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.821 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

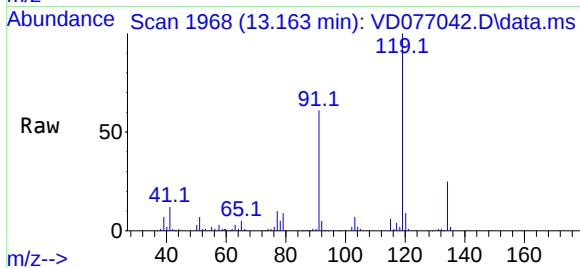
Tgt Ion:	91	Resp:	151990
Ion	Ratio	Lower	Upper
91	100		
126	36.6	19.4	58.4



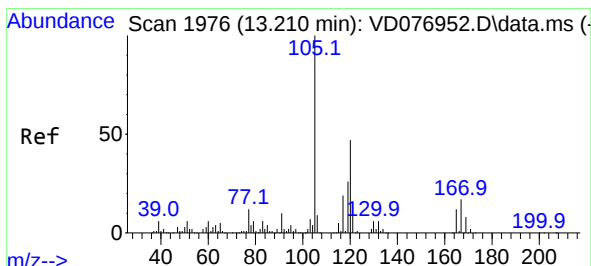
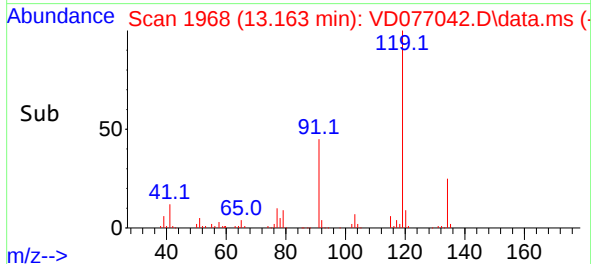
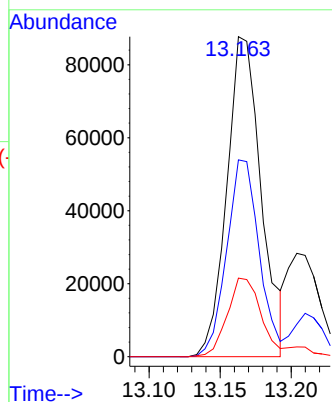


#83
tert-Butylbenzene
Concen: 18.847 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

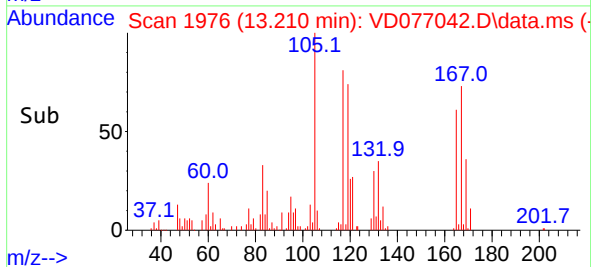
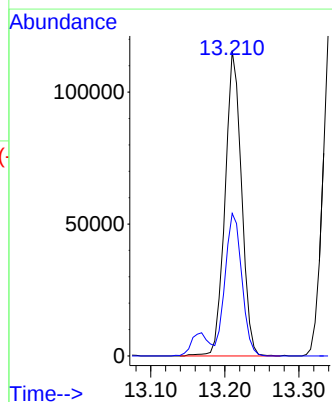
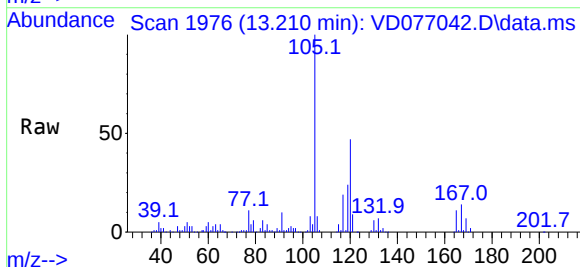


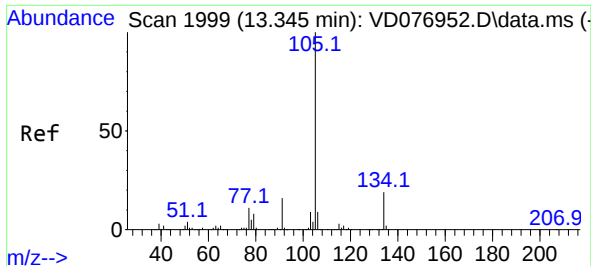
Tgt Ion:119 Resp: 147605
Ion Ratio Lower Upper
119 100
91 58.3 29.3 87.8
134 26.3 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.567 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

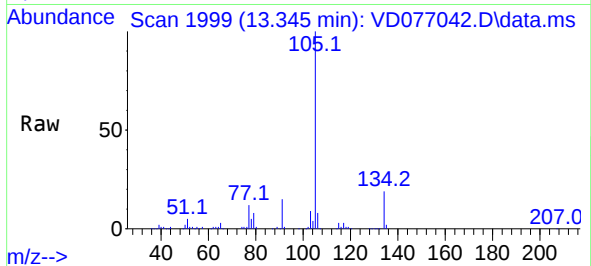
Tgt Ion:105 Resp: 177765
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.9



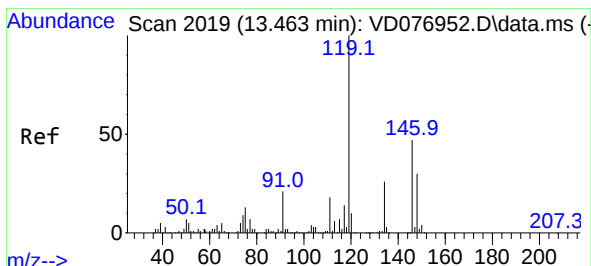
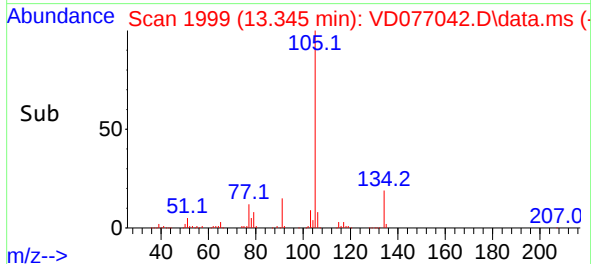
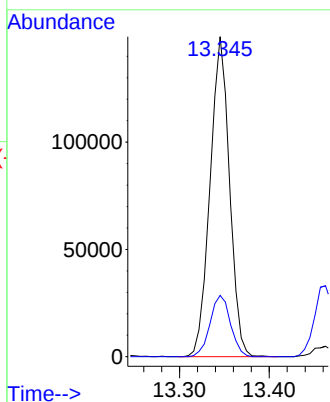


#85
 sec-Butylbenzene
 Concen: 18.964 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

Instrument :
 MSVOA_D
 ClientSampleId :

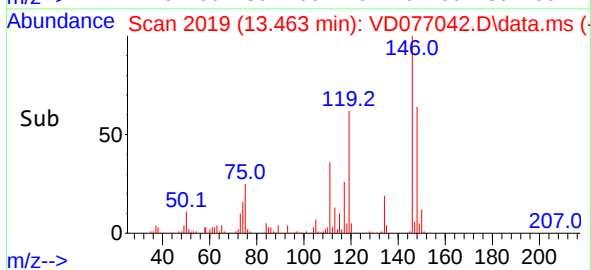
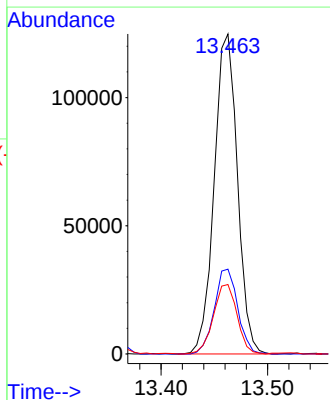
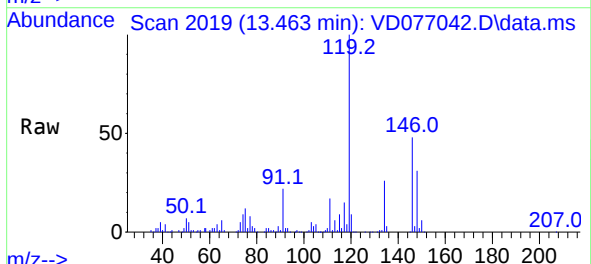


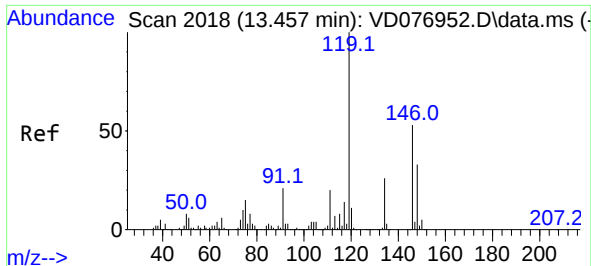
Tgt Ion:105 Resp: 224250
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.699 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077042.D
 Acq: 28 Aug 2023 15:37

Tgt Ion:119 Resp: 188551
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 22.2 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 18.917 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

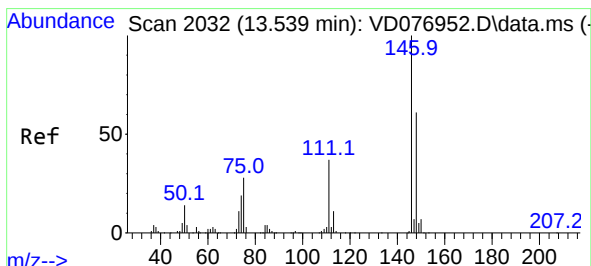
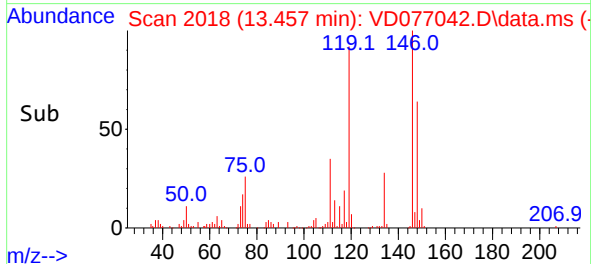
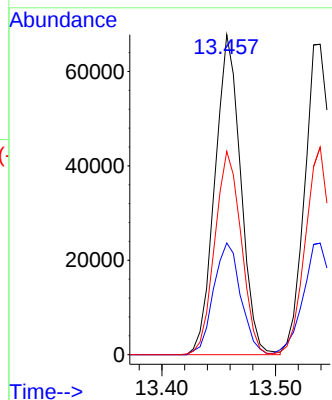
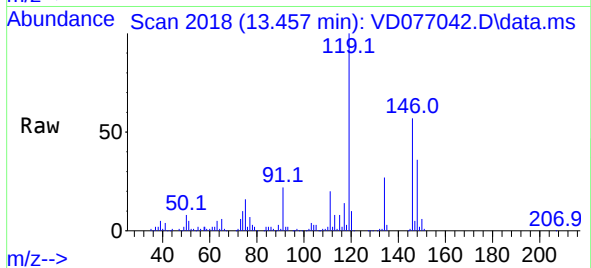
Tgt Ion:146 Resp: 107255

Ion Ratio Lower Upper

146 100

111 36.8 17.9 53.8

148 64.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 19.790 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

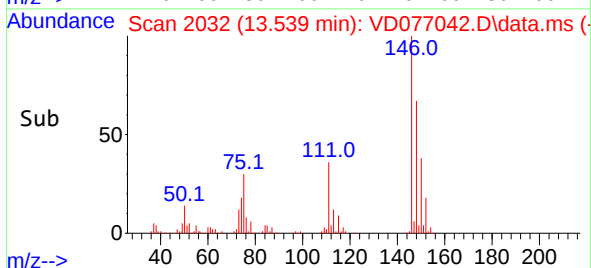
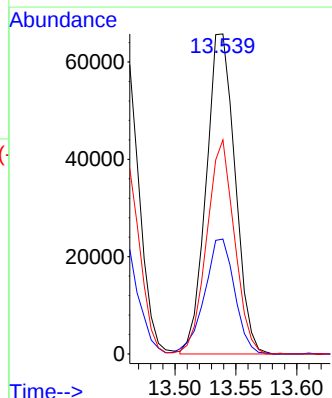
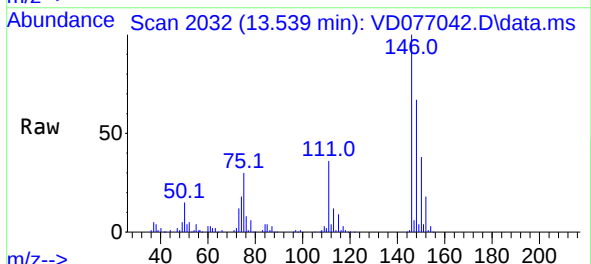
Tgt Ion:146 Resp: 108852

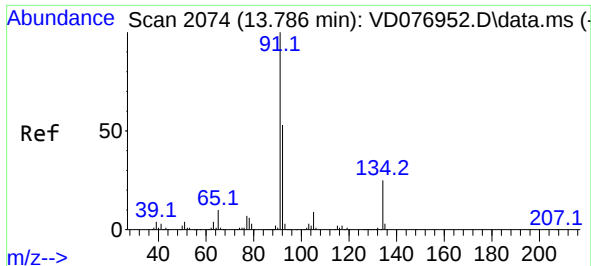
Ion Ratio Lower Upper

146 100

111 37.5 17.4 52.3

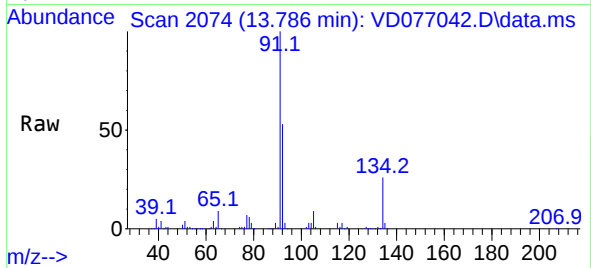
148 64.1 31.7 95.1



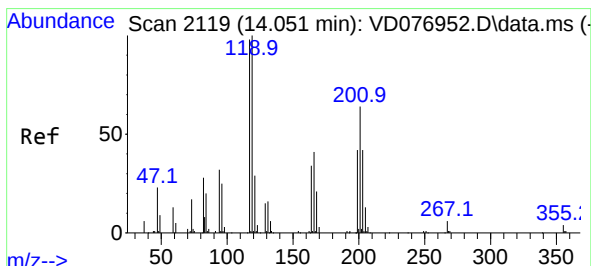
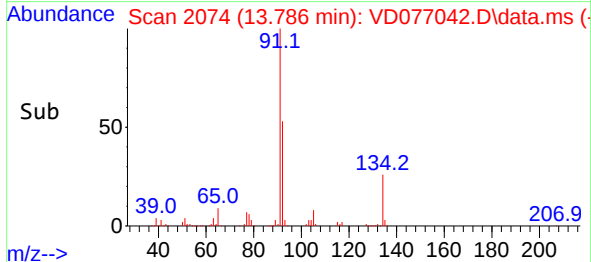
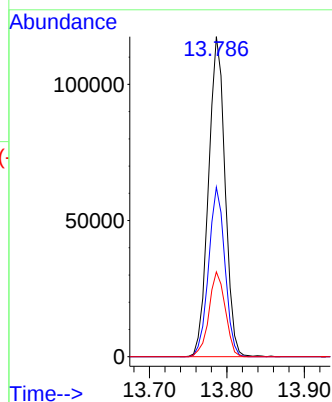


#89
n-Butylbenzene
Concen: 18.823 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :

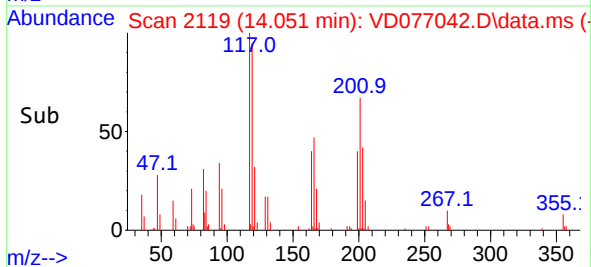
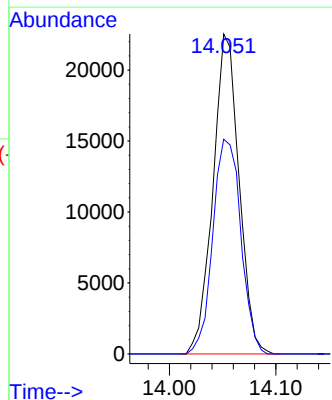
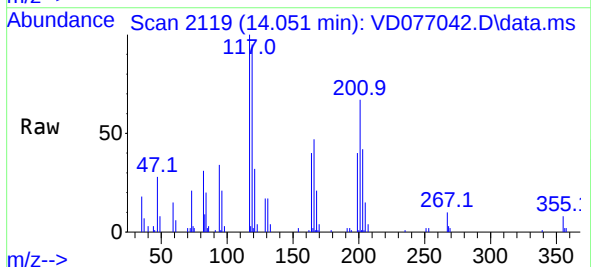


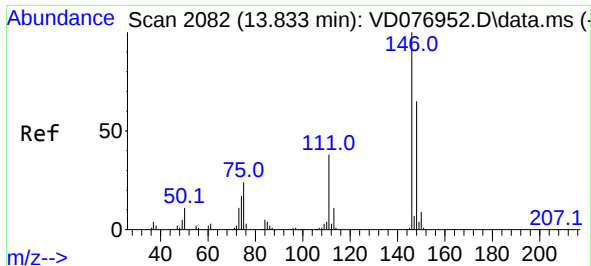
Tgt Ion: 91 Resp: 174317
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 19.592 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion: 117 Resp: 38306
Ion Ratio Lower Upper
117 100
201 71.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 19.565 ug/l

RT: 13.833 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD077042.D

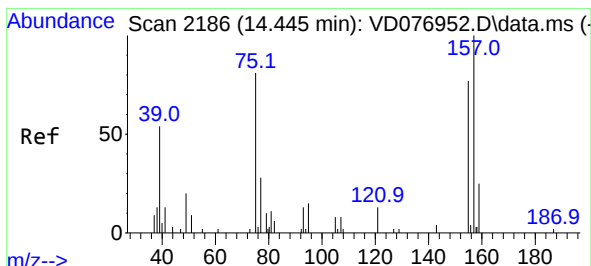
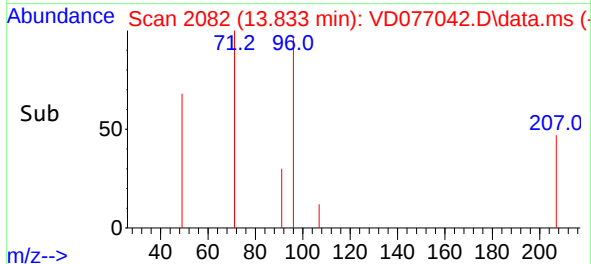
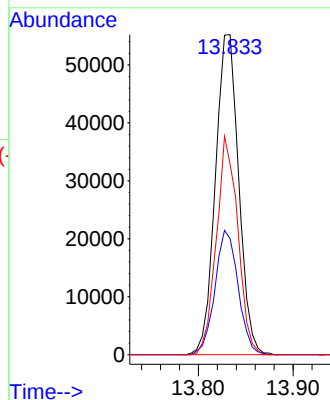
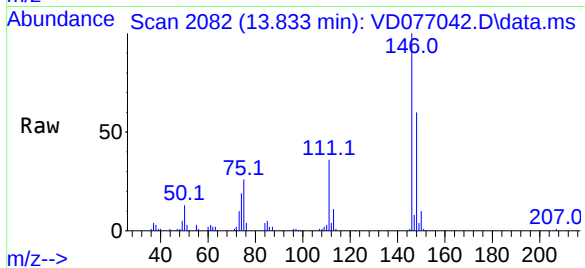
Acq: 28 Aug 2023 15:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	146	Resp:	94541
Ion Ratio	Lower	Upper	
146	100		
111	38.7	18.3	54.8
148	62.6	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.694 ug/l

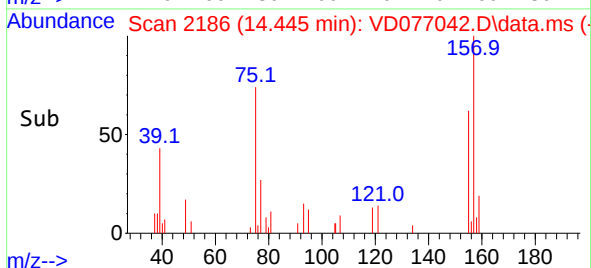
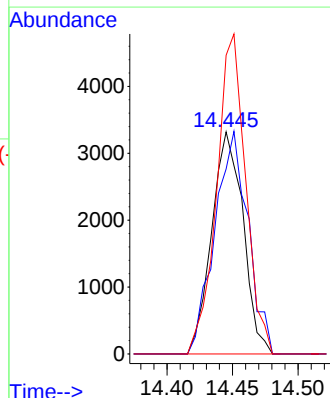
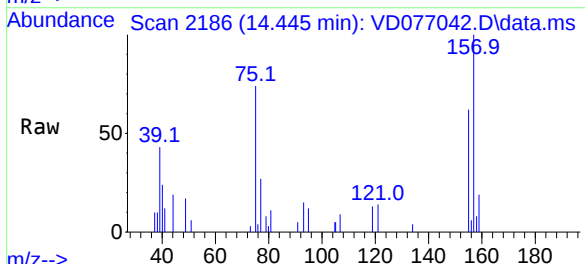
RT: 14.445 min Scan# 2186

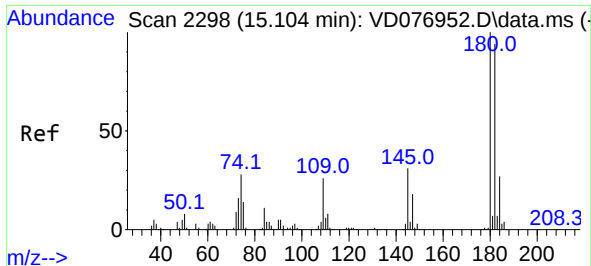
Delta R.T. 0.000 min

Lab File: VD077042.D

Acq: 28 Aug 2023 15:37

Tgt Ion:	75	Resp:	5522
Ion Ratio	Lower	Upper	
75	100		
155	106.6	47.9	143.8
157	133.2	59.9	179.7

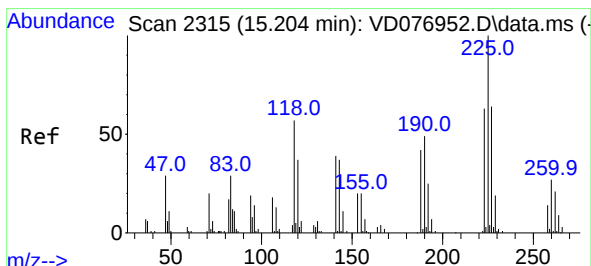
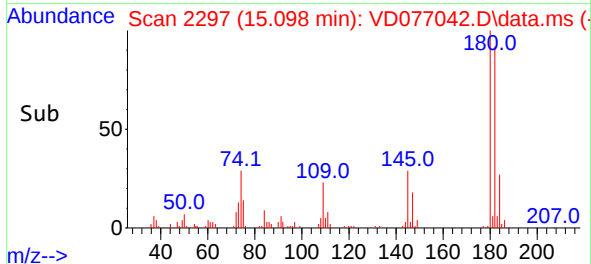
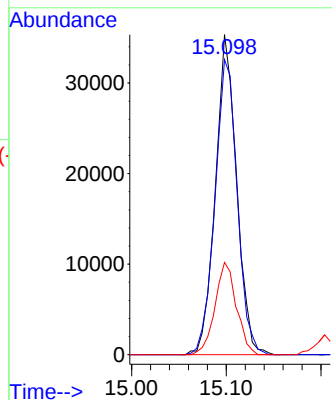
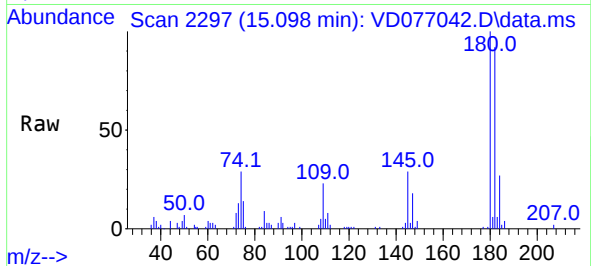




#93
1,2,4-Trichlorobenzene
Concen: 18.517 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

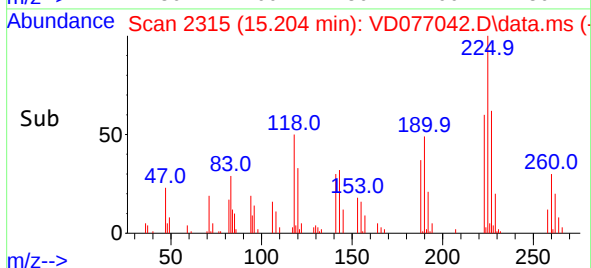
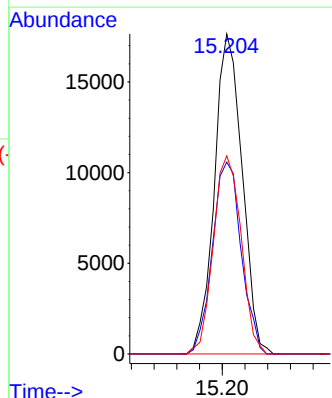
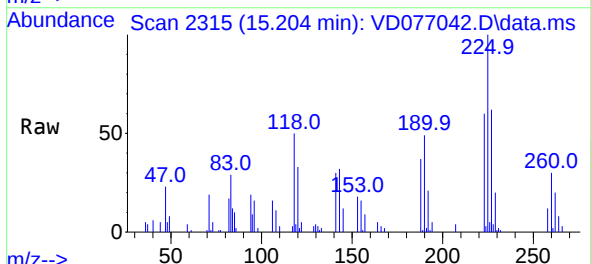
Instrument :
MSVOA_D
ClientSampleId :

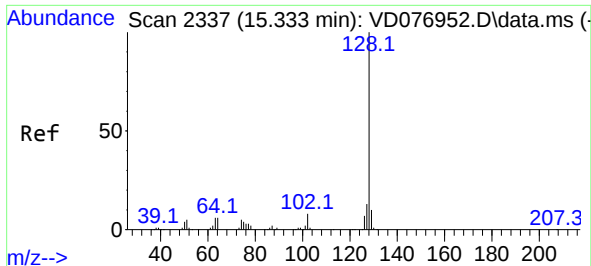
Tgt Ion:180 Resp: 55024
Ion Ratio Lower Upper
180 100
182 96.8 48.5 145.6
145 29.1 14.2 42.6



#94
Hexachlorobutadiene
Concen: 19.207 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

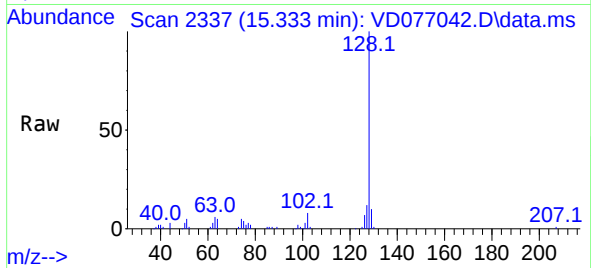
Tgt Ion:225 Resp: 29926
Ion Ratio Lower Upper
225 100
223 62.3 31.6 94.8
227 62.0 31.7 95.1



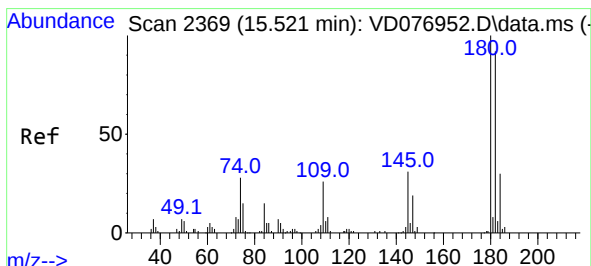
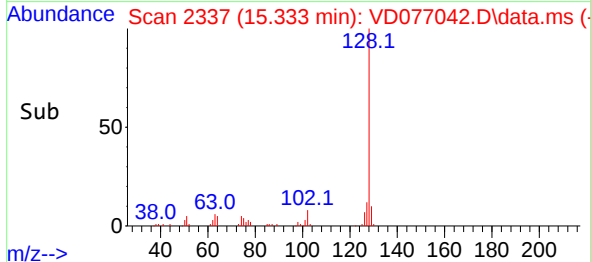
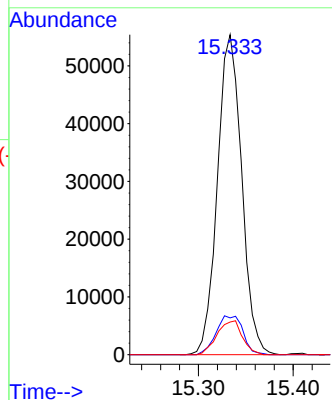


#95
Naphthalene
Concen: 17.891 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 98613
Ion Ratio Lower Upper
128 100
127 11.5 10.5 15.7
129 10.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.126 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.001 min
Lab File: VD077042.D
Acq: 28 Aug 2023 15:37

Tgt Ion:180 Resp: 48252
Ion Ratio Lower Upper
180 100
182 96.9 47.3 141.9
145 32.2 15.1 45.3

