

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110624\
 Data File : VW030948.D
 Acq On : 06 Nov 2024 18:06
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 04:00:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 07 03:58:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	438647	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	401720	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	202380	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	144359	20.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.280%
7) Chloroethane-d5	2.899	69	117602	21.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.240%
11) 1,1-Dichloroethene-d2	4.021	65	65846	22.181	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	88.720%
21) 2-Butanone-d5	7.075	46	67998	57.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.880%
24) Chloroform-d	7.648	84	330365	25.547	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.200%
26) 1,2-Dichloroethane-d4	8.307	65	164539	25.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.360%
32) Benzene-d6	8.276	84	643950	25.803	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	9.276	67	192652	26.186	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.760%
41) Toluene-d8	10.319	98	581909	25.995	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	10.575	79	75405	25.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.160%
47) 2-Hexanone-d5	10.922	63	58893	61.766	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	144962	28.281	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	193797	26.289	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	97102	20.782	ug/L	# 87
3) Chloromethane	2.222	50	135570	21.533	ug/L	98
5) Vinyl chloride	2.375	62	165428	22.171	ug/L	100
6) Bromomethane	2.789	94	111069	22.671	ug/L	94
8) Chloroethane	2.936	64	104180	23.032	ug/L	96
9) Trichlorofluoromethane	3.265	101	146243	21.476	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	142675	22.760	ug/L	# 79
12) 1,1-Dichloroethene	4.045	96	145320	25.631	ug/L	89
13) Acetone	4.118	43	60112	41.572	ug/L	95
14) Carbon disulfide	4.387	76	457194	24.530	ug/L	99
15) Methyl Acetate	4.667	43	59536	28.070	ug/L	99
16) Methylene chloride	4.923	84	162181	26.152	ug/L	95
17) trans-1,2-Dichloroethene	5.435	96	160968	25.879	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	237218	28.256	ug/L	98
19) 1,1-Dichloroethane	6.216	63	295361	25.447	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	176200	26.703	ug/L	96
22) 2-Butanone	7.167	43	82581	50.998	ug/L	99
23) Bromochloromethane	7.514	128	78280	27.089	ug/L	98
25) Chloroform	7.679	83	311438	25.501	ug/L	93

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 Response via : Initial Calibration

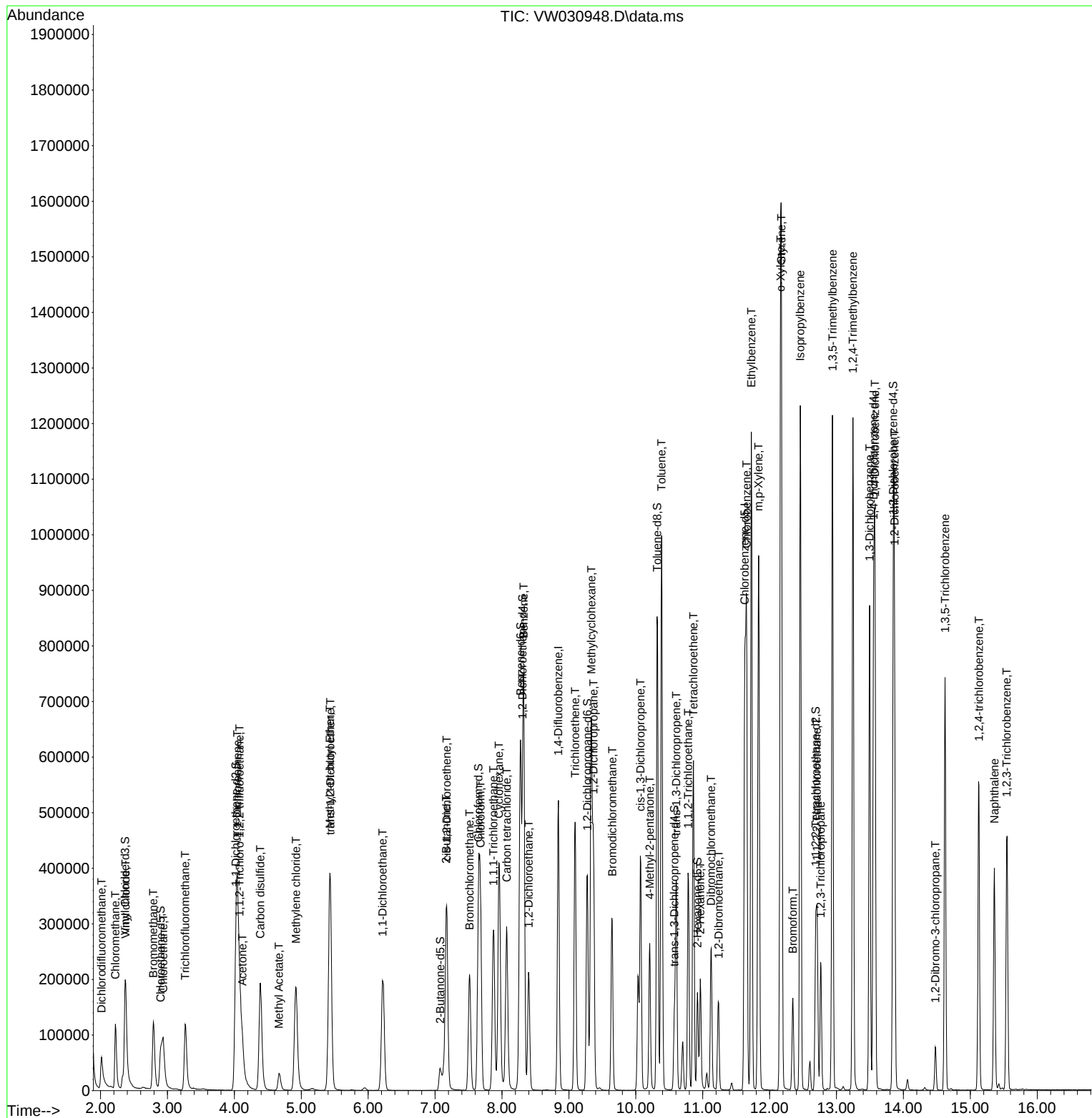
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	191822	25.220	ug/L	98
29) Cyclohexane	7.953	56	233967	24.303	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	244568	23.700	ug/L	99
31) Carbon tetrachloride	8.069	117	216092	23.304	ug/L	97
33) Benzene	8.325	78	674806	26.061	ug/L	100
34) Trichloroethene	9.093	95	177380	24.843	ug/L	94
35) Methylcyclohexane	9.337	83	277517	24.523	ug/L	98
37) 1,2-Dichloropropane	9.367	63	172400	26.641	ug/L	98
38) Bromodichloromethane	9.648	83	218912	25.760	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	258584	26.712	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	166097	56.126	ug/L	99
42) Toluene	10.386	91	732721	26.723	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	210103	26.126	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	126629	27.262	ug/L	96
46) Tetrachloroethene	10.861	164	131688	24.126	ug/L	87
48) 2-Hexanone	10.965	43	119574	53.109	ug/L	96
49) Dibromochloromethane	11.123	129	140475	27.738	ug/L	96
50) 1,2-Dibromoethane	11.239	107	113516	26.501	ug/L	96
51) Chlorobenzene	11.654	112	460406	26.237	ug/L	96
52) Ethylbenzene	11.727	91	817572	26.389	ug/L	100
53) m,p-Xylene	11.837	106	308592	26.484	ug/L	97
54) o-Xylene	12.166	106	298144	27.808	ug/L	89
55) Styrene	12.178	104	508804	27.775	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	141529	27.920	ug/L	98
59) Bromoform	12.349	173	74416	25.751	ug/L	98
60) Isopropylbenzene	12.458	105	787910	25.523	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	99451	26.211	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	640583	26.355	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	640365	27.053	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	349470	25.782	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	353778	25.422	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	320121	26.498	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	20825	25.925	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	225404	25.059	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	182970	25.617	ug/L	98
71) Naphthalene	15.360	128	339799	29.347	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	161330	26.209	ug/L	98

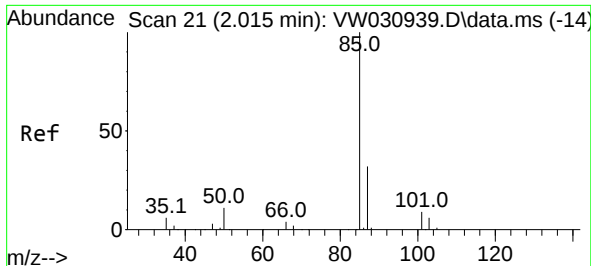
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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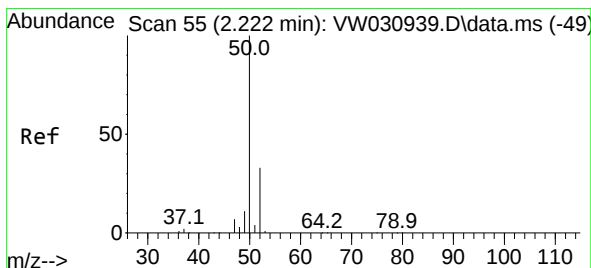
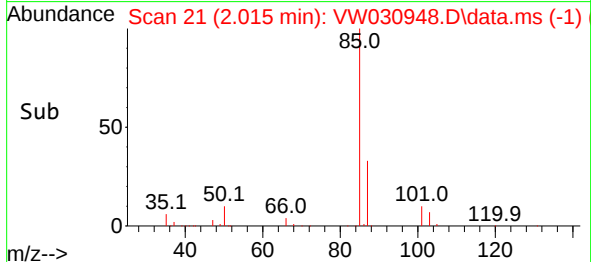
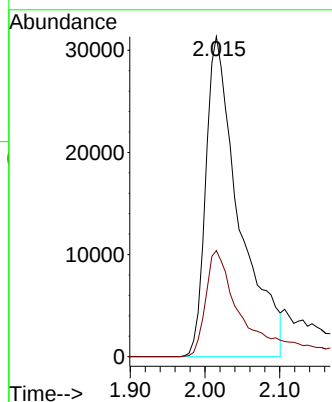
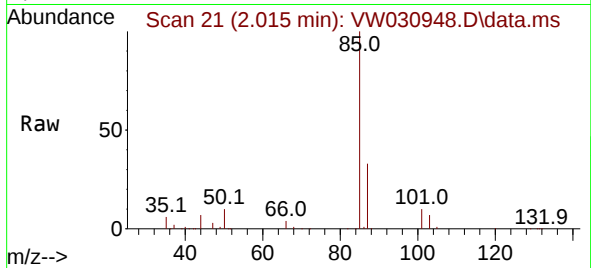




#2
 Dichlorodifluoromethane
 Concen: 20.782 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030948.D
 Acq: 06 Nov 2024 18:06

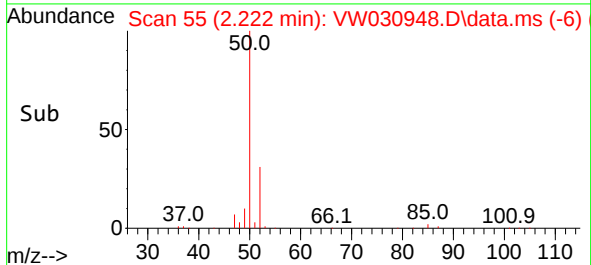
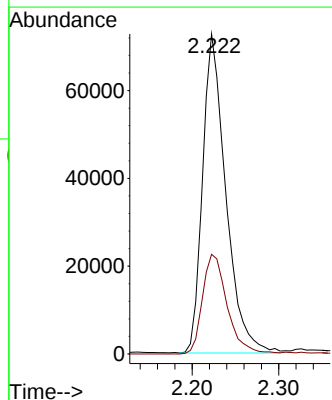
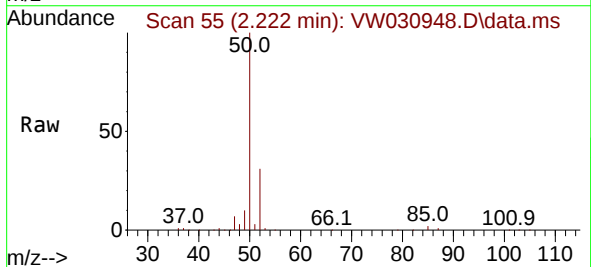
Instrument :
 MSVOA_W
 ClientSampleId :

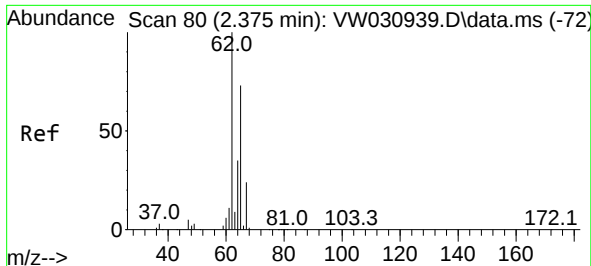
Tgt Ion: 85 Resp: 97102
 Ion Ratio Lower Upper
 85 100
 87 37.1 24.2 36.4#



#3
 Chloromethane
 Concen: 21.533 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030948.D
 Acq: 06 Nov 2024 18:06

Tgt Ion: 50 Resp: 135570
 Ion Ratio Lower Upper
 50 100
 52 31.2 22.5 41.9

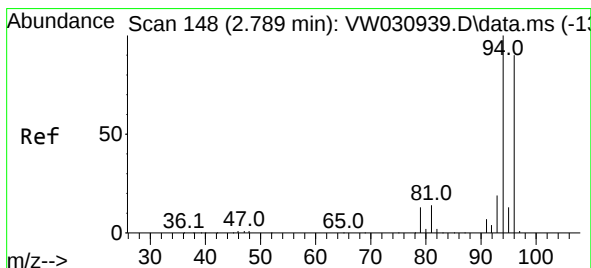
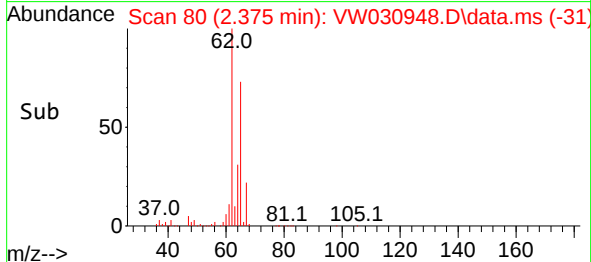
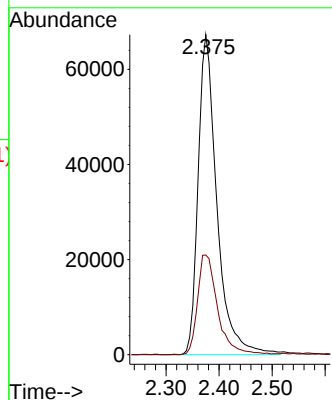
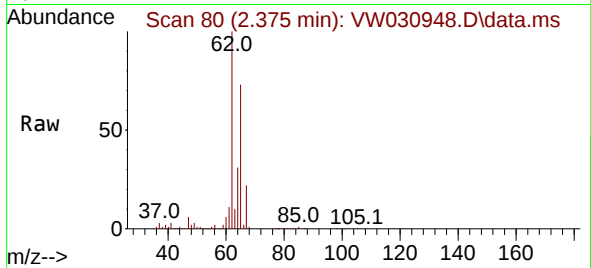




#5
 Vinyl chloride
 Concen: 22.171 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030948.D
 Acq: 06 Nov 2024 18:06

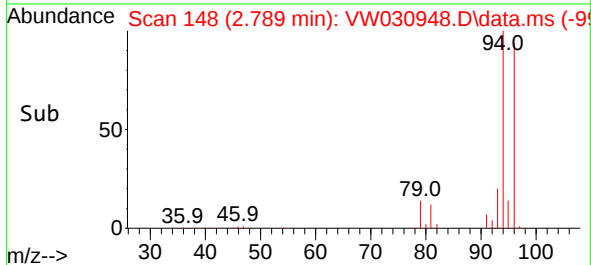
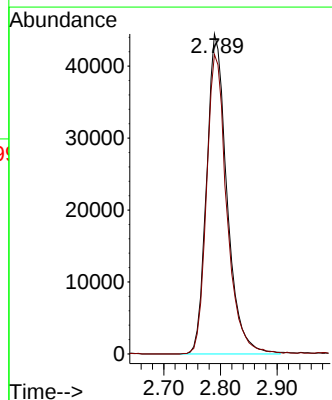
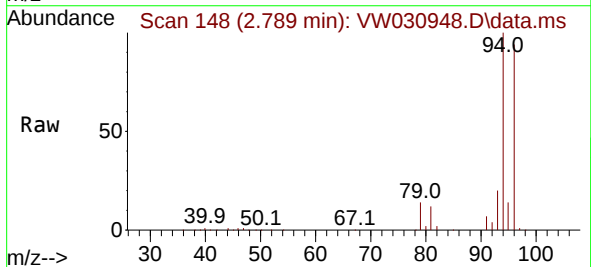
Instrument :
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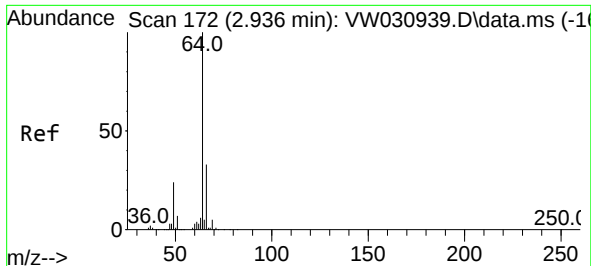
Tgt Ion: 62 Resp: 165428
 Ion Ratio Lower Upper
 62 100
 64 31.2 21.7 40.3



#6
 Bromomethane
 Concen: 22.671 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW030948.D
 Acq: 06 Nov 2024 18:06

Tgt Ion: 94 Resp: 111069
 Ion Ratio Lower Upper
 94 100
 96 93.6 61.6 114.4

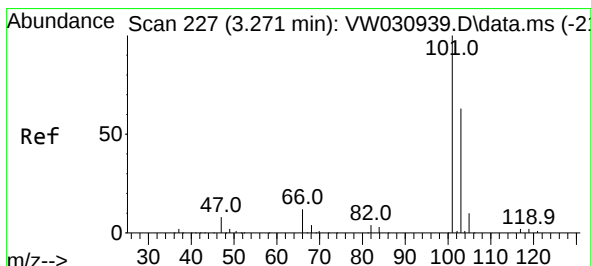
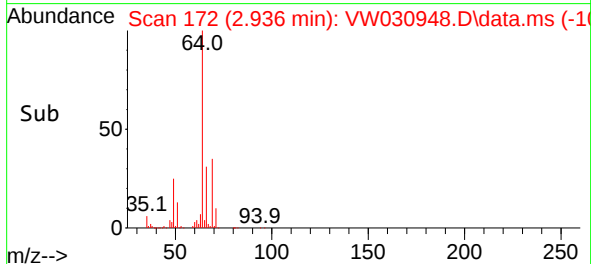
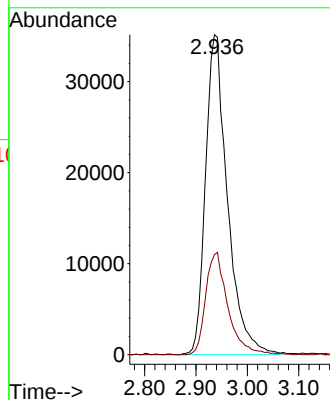
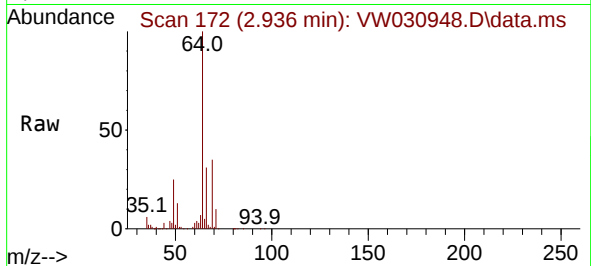




#8
Chloroethane
Concen: 23.032 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

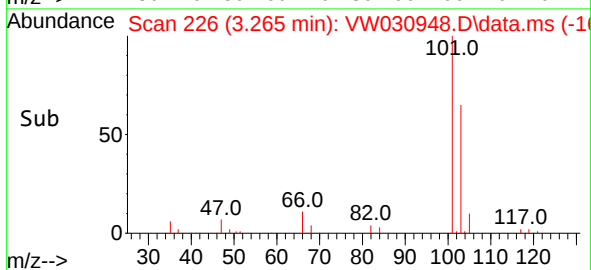
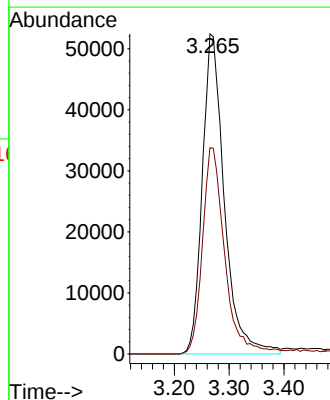
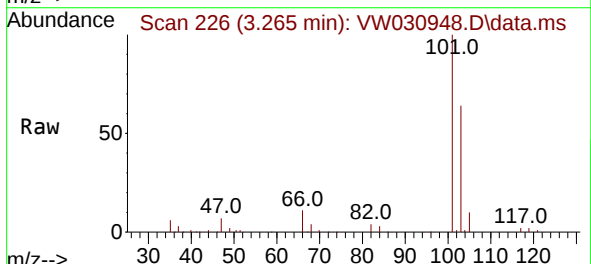
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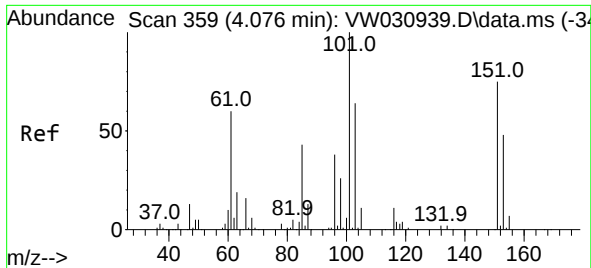
Tgt Ion: 64 Resp: 104180
Ion Ratio Lower Upper
64 100
66 31.3 23.5 43.7



#9
Trichlorofluoromethane
Concen: 21.476 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion:101 Resp: 146243
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

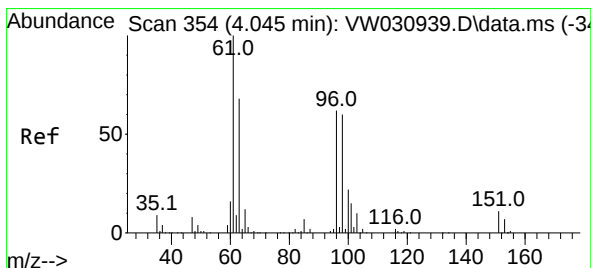
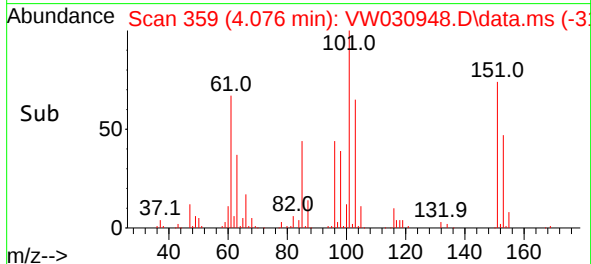
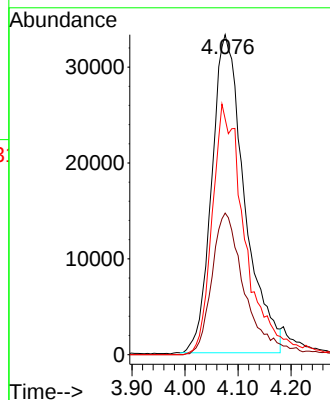
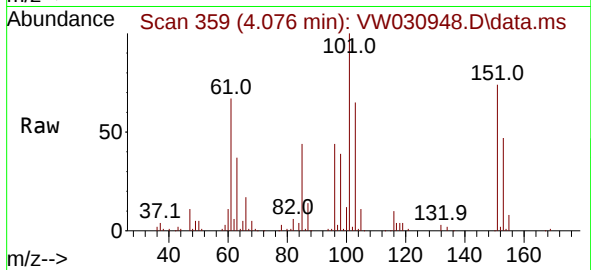




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.760 ug/L
 RT: 4.076 min Scan# 359
 Delta R.T. 0.000 min
 Lab File: VW030948.D
 Acq: 06 Nov 2024 18:06

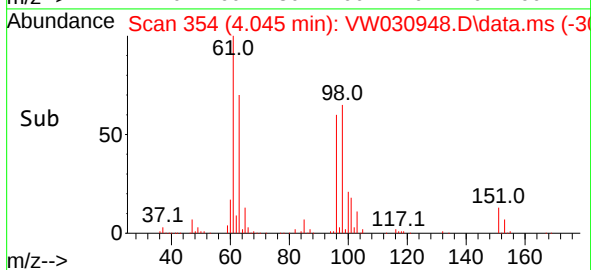
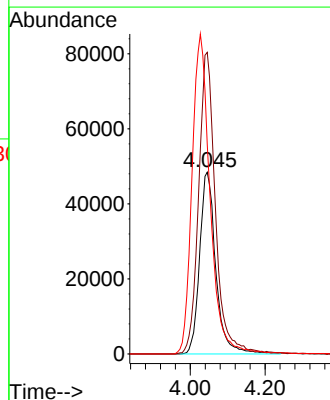
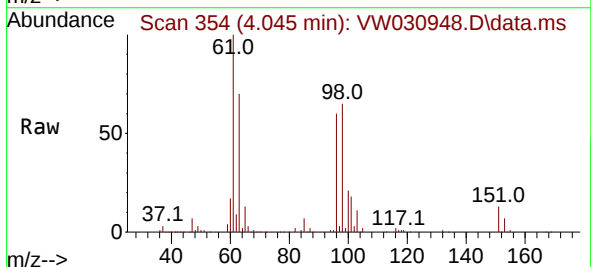
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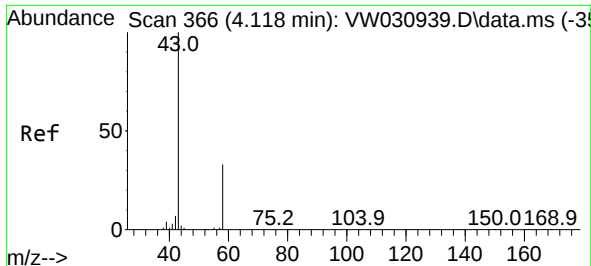
Tgt Ion:101 Resp: 142675
 Ion Ratio Lower Upper
 101 100
 85 44.0 32.9 49.3
 151 39.5 51.0 76.6#



#12
 1,1-Dichloroethene
 Concen: 25.631 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030948.D
 Acq: 06 Nov 2024 18:06

Tgt Ion: 96 Resp: 145320
 Ion Ratio Lower Upper
 96 100
 61 165.9 118.9 220.7
 63 115.4 97.8 181.6





#13

Acetone

Concen: 41.572 ug/L

RT: 4.118 min Scan# 366

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

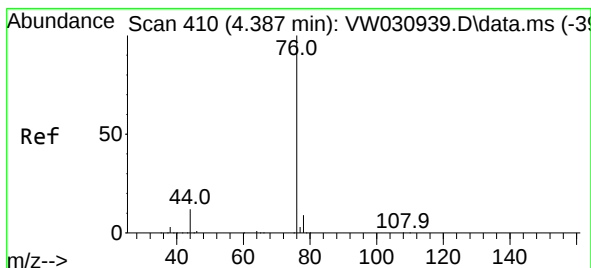
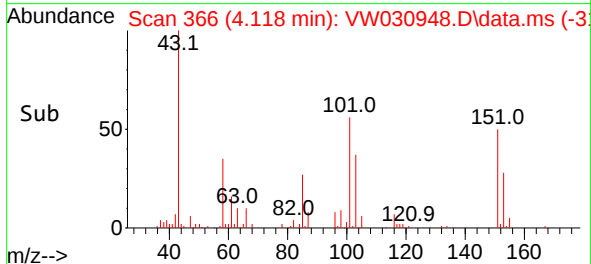
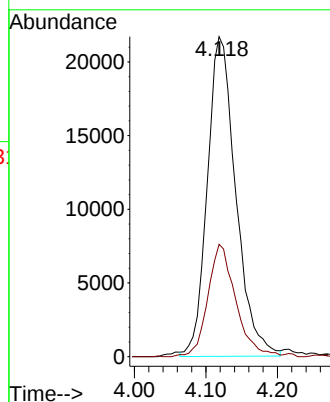
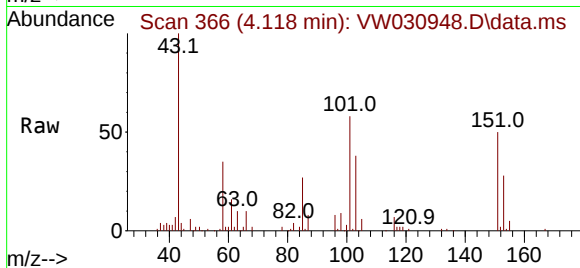
ClientSampleId :

Tgt Ion: 43 Resp: 60112

Ion Ratio Lower Upper

43 100

58 34.3 0.0 62.6



#14

Carbon disulfide

Concen: 24.530 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

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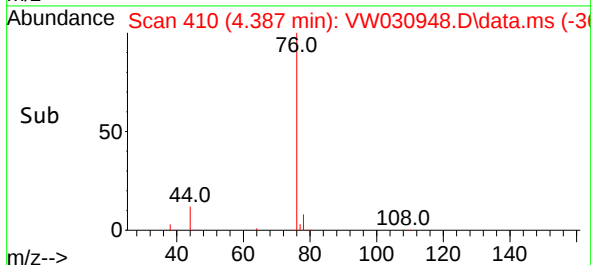
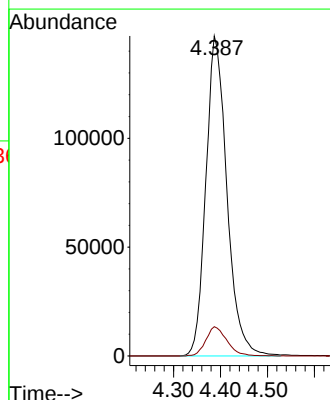
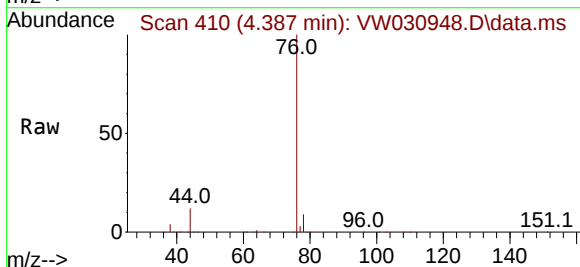
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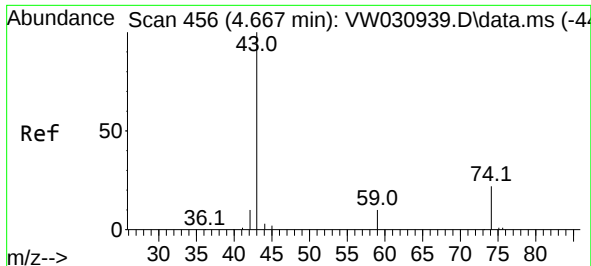
Tgt Ion: 76 Resp: 457194

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

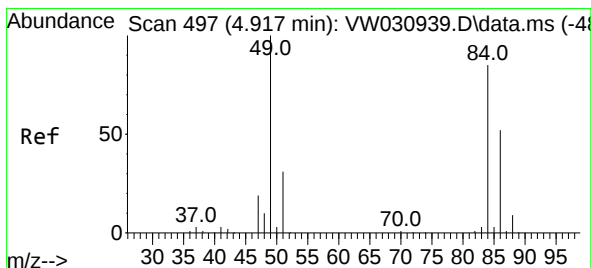
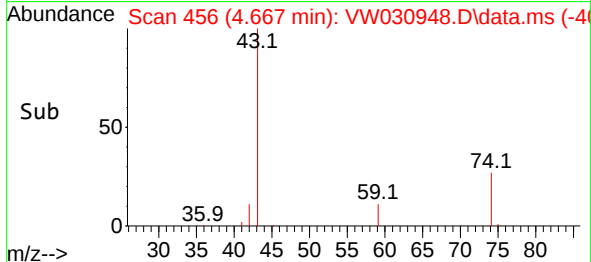
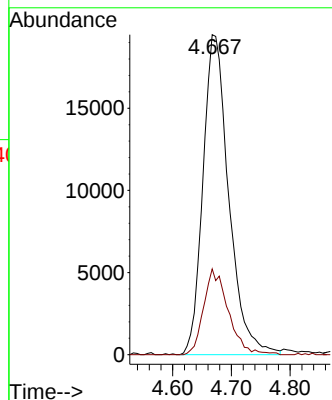
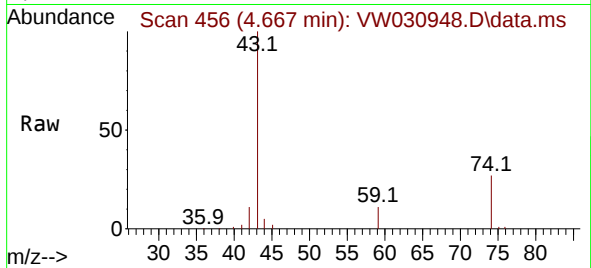




#15
Methyl Acetate
Concen: 28.070 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

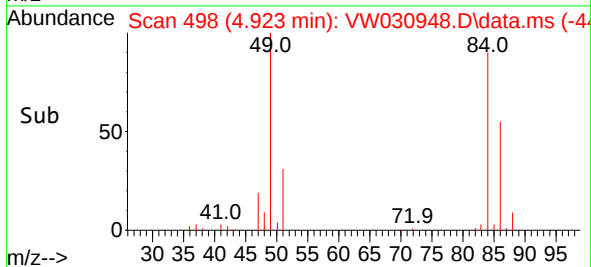
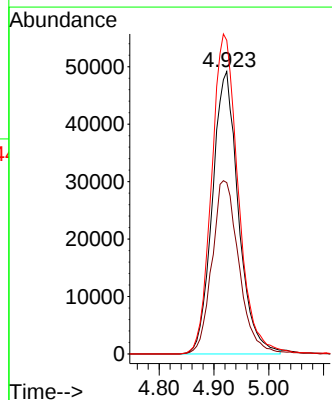
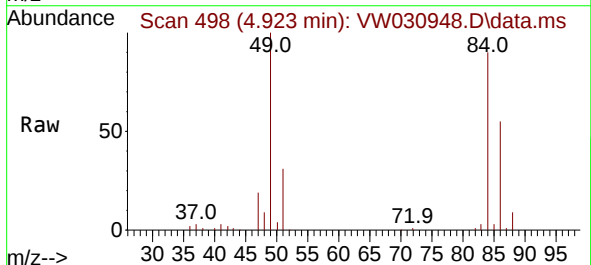
Instrument :
MSVOA_W
ClientSampleId :

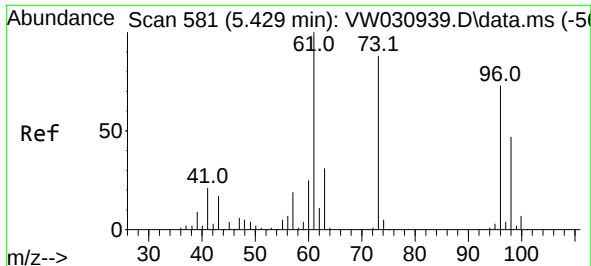
Tgt Ion: 43 Resp: 59536
Ion Ratio Lower Upper
43 100
74 24.9 20.2 30.2



#16
Methylene chloride
Concen: 26.152 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 84 Resp: 162181
Ion Ratio Lower Upper
84 100
86 60.7 41.8 77.6
49 111.0 82.8 153.8

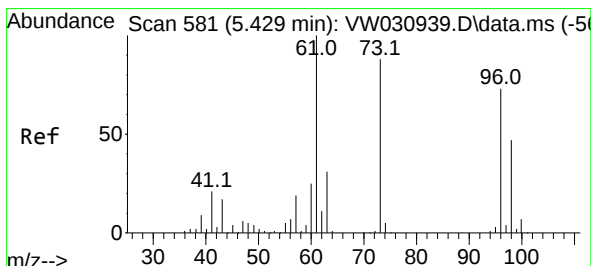
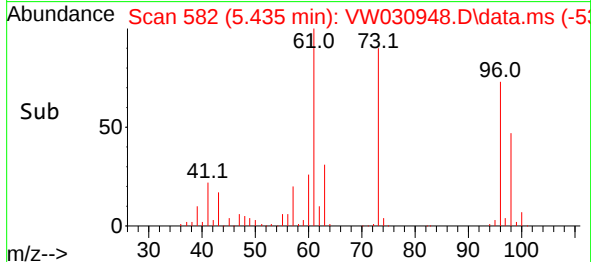
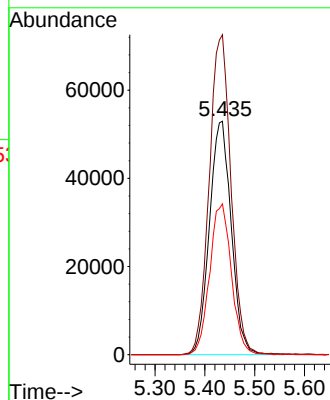
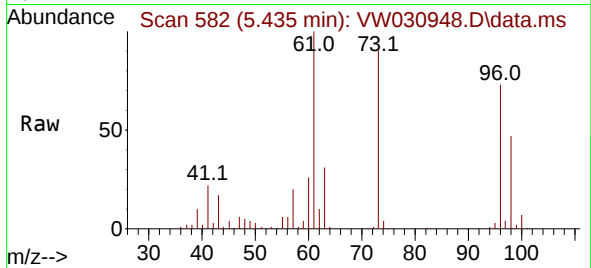




#17
trans-1,2-Dichloroethene
Concen: 25.879 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

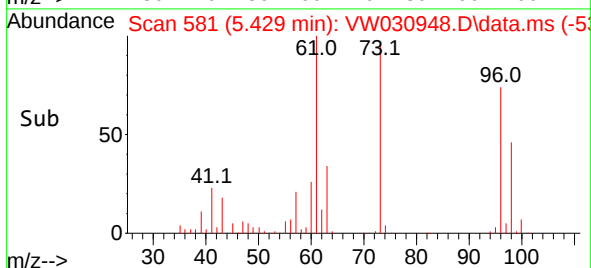
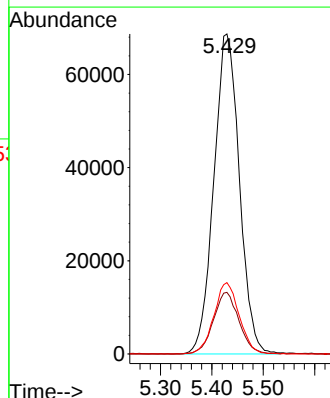
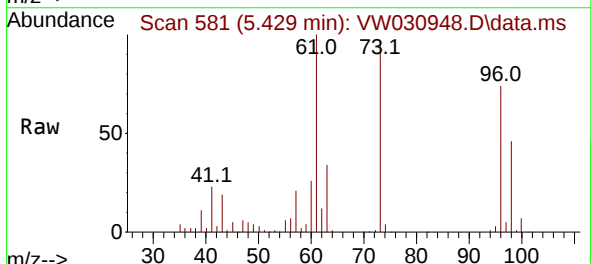
Instrument :
MSVOA_W
ClientSampleId :

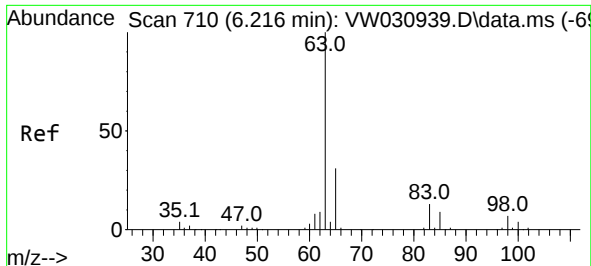
Tgt Ion: 96 Resp: 160968
Ion Ratio Lower Upper
96 100
61 137.1 95.2 176.8
98 64.6 42.6 79.2



#18
Methyl tert-butyl Ether
Concen: 28.256 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 73 Resp: 237218
Ion Ratio Lower Upper
73 100
43 19.1 16.2 24.2
57 22.0 17.3 25.9





#19

1,1-Dichloroethane

Concen: 25.447 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

ClientSampleId :

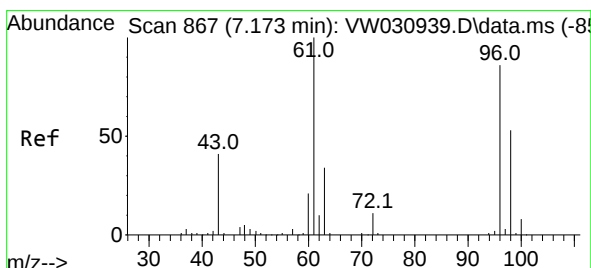
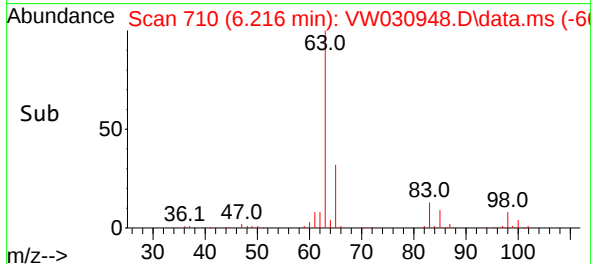
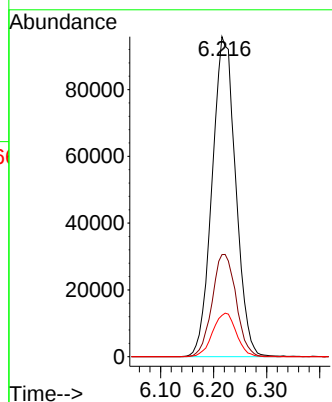
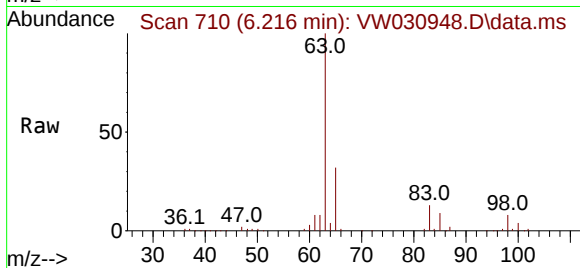
Tgt Ion: 63 Resp: 295361

Ion Ratio Lower Upper

63 100

65 31.9 23.0 42.8

83 12.9 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 26.703 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

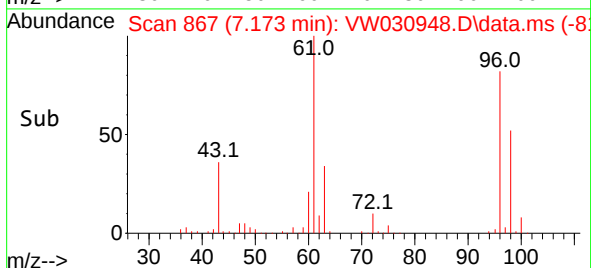
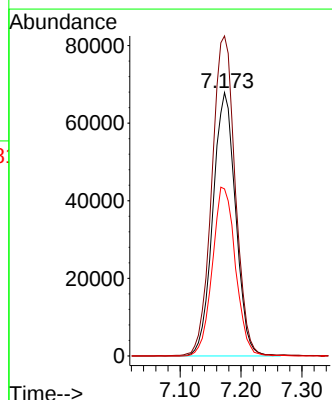
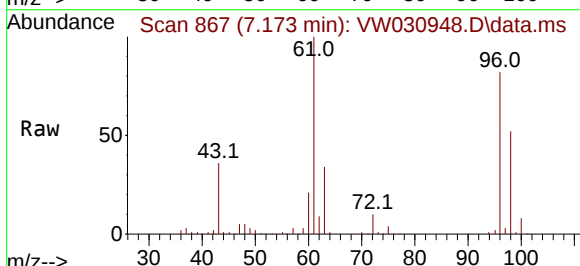
Tgt Ion: 96 Resp: 176200

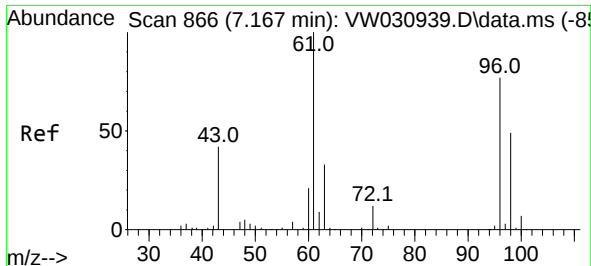
Ion Ratio Lower Upper

96 100

61 121.5 89.2 165.8

98 63.4 45.1 83.9

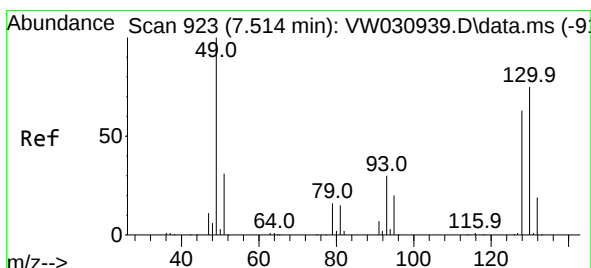
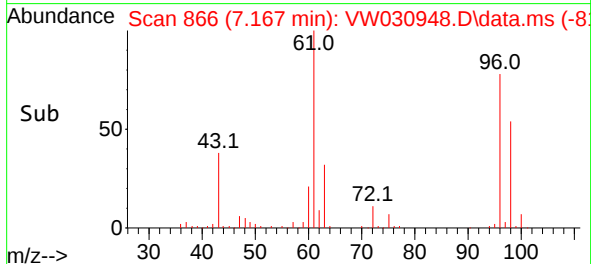
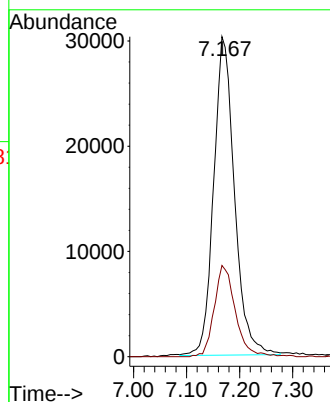
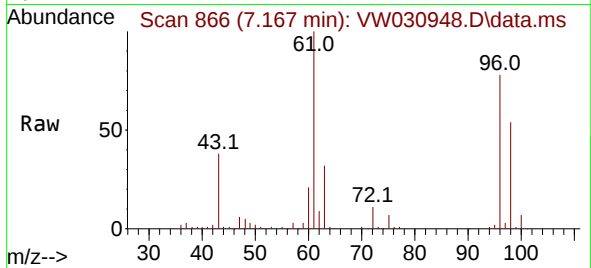




#22
2-Butanone
Concen: 50.998 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

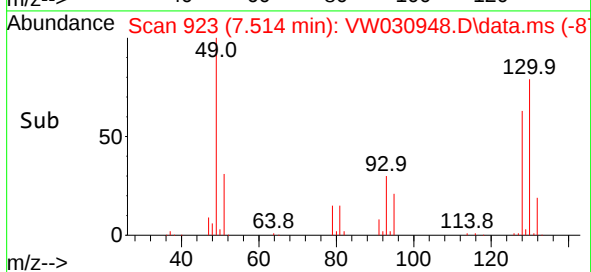
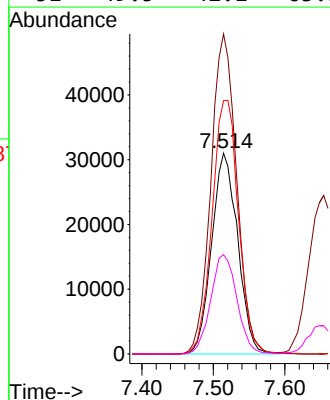
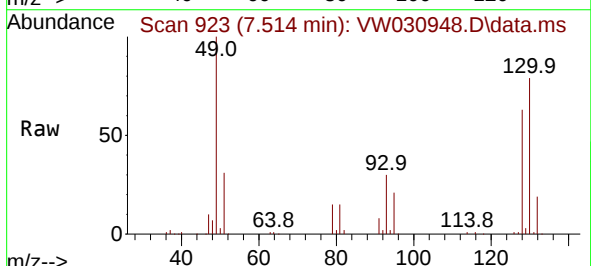
Instrument :
MSVOA_W
ClientSampled :

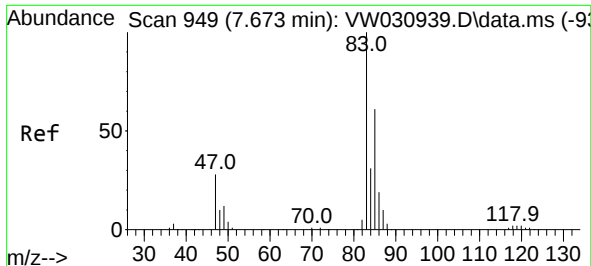
Tgt Ion: 43 Resp: 82581
Ion Ratio Lower Upper
43 100
72 28.4 14.5 43.6



#23
Bromochloromethane
Concen: 27.089 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion:128 Resp: 78280
Ion Ratio Lower Upper
128 100
49 159.4 112.4 208.8
130 126.2 86.2 160.0
51 49.5 42.1 63.1

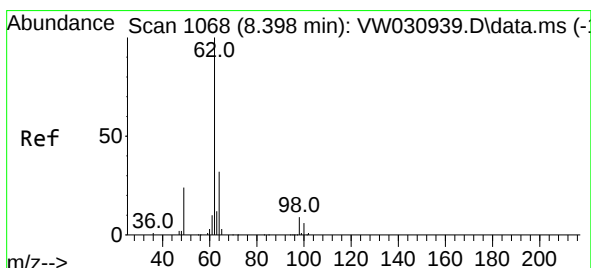
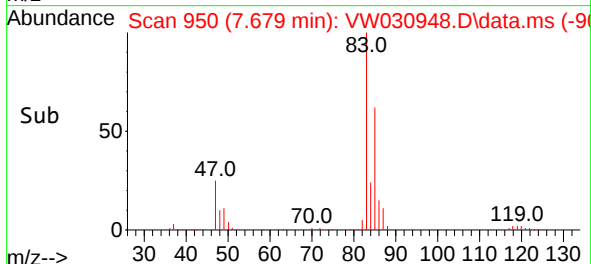
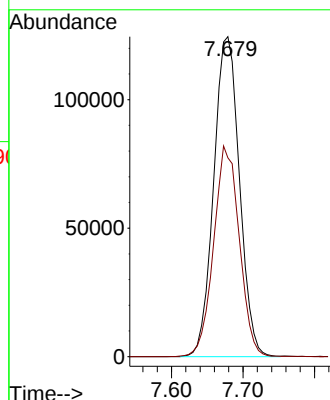
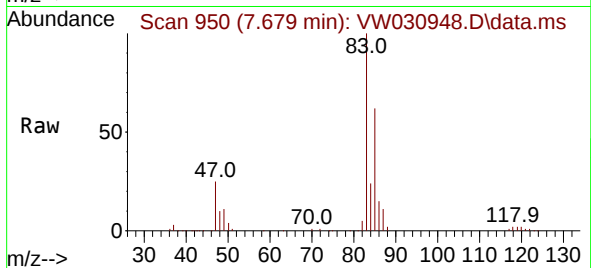




#25
Chloroform
Concen: 25.501 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

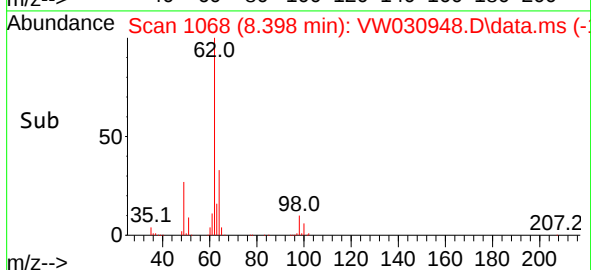
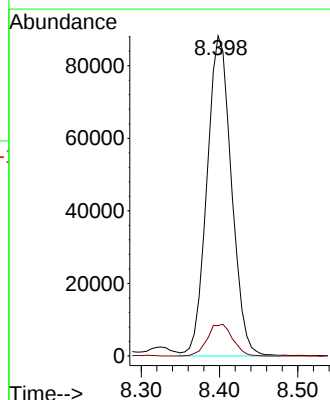
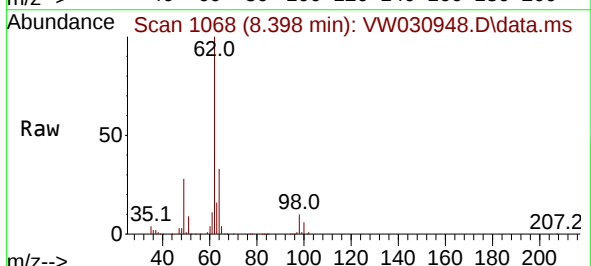
Instrument :
MSVOA_W
ClientSampleId :

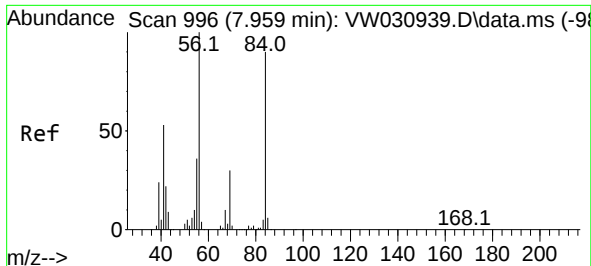
Tgt Ion: 83 Resp: 311438
Ion Ratio Lower Upper
83 100
85 62.2 47.2 87.6



#27
1,2-Dichloroethane
Concen: 25.220 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

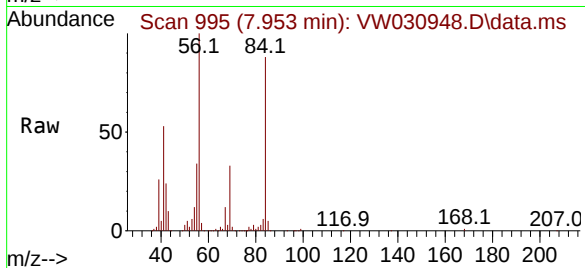
Tgt Ion: 62 Resp: 191822
Ion Ratio Lower Upper
62 100
98 9.5 7.1 10.7



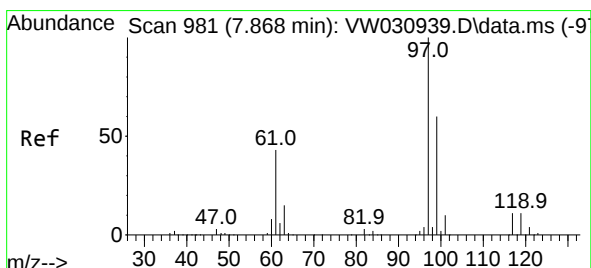
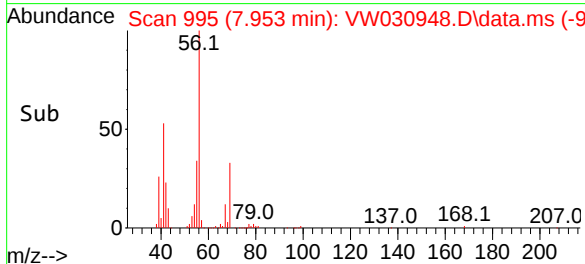
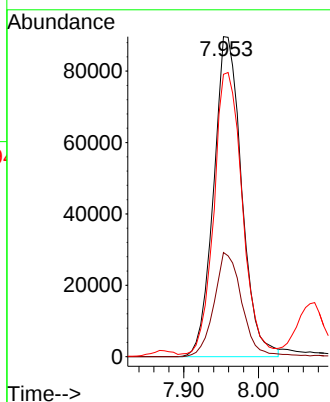


#29
Cyclohexane
Concen: 24.303 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Instrument :
MSVOA_W
ClientSampleId :

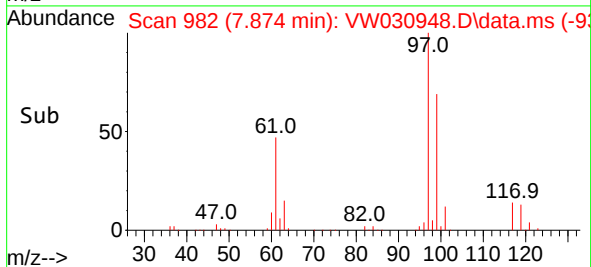
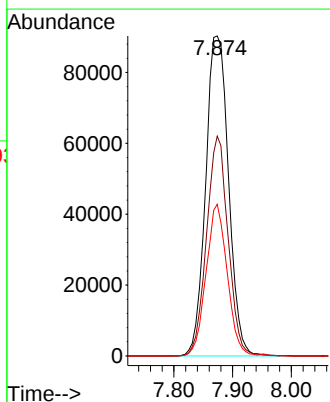
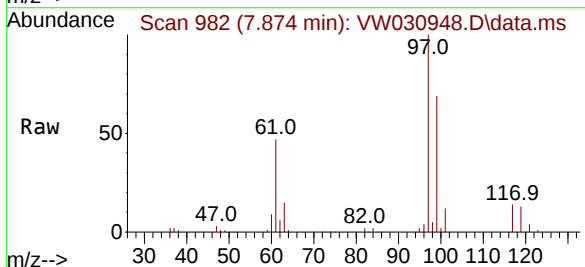


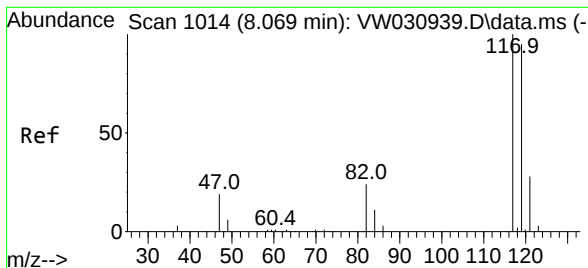
Tgt Ion: 56 Resp: 233967
Ion Ratio Lower Upper
56 100
69 32.3 24.8 37.2
84 90.1 69.5 104.3



#30
1,1,1-Trichloroethane
Concen: 23.700 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 97 Resp: 244568
Ion Ratio Lower Upper
97 100
99 64.8 51.3 76.9
61 43.8 36.2 54.4

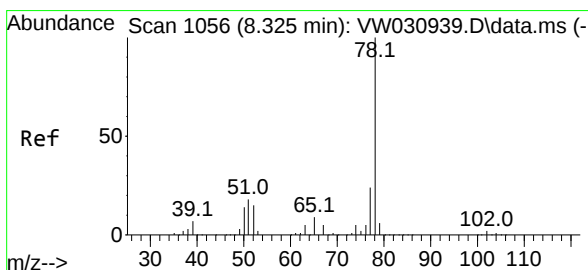
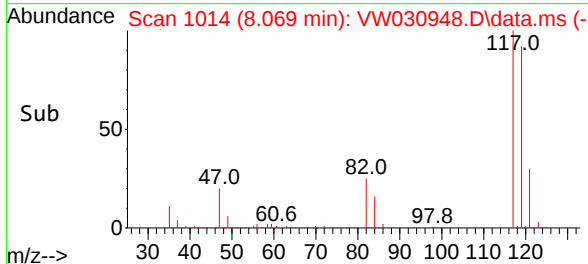
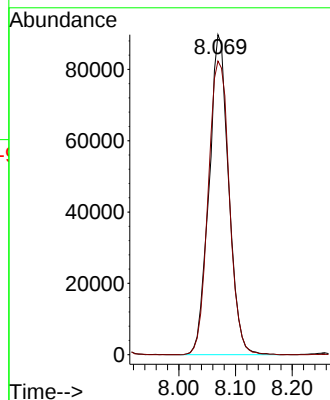
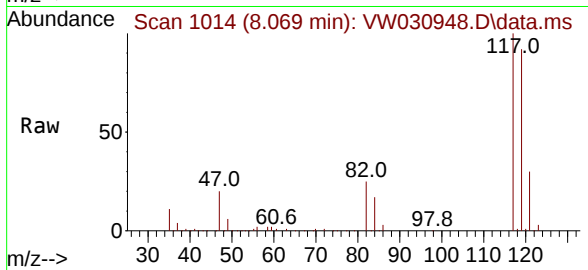




#31
Carbon tetrachloride
Concen: 23.304 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

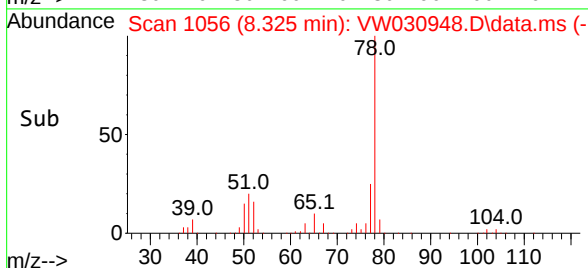
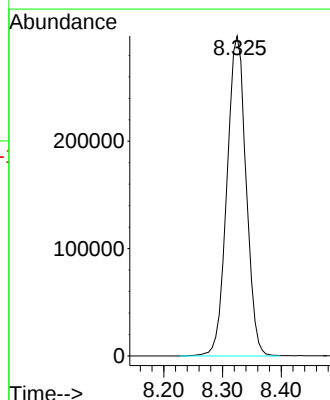
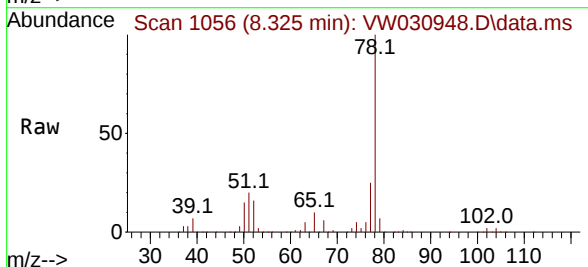
Instrument :
MSVOA_W
ClientSampleId :

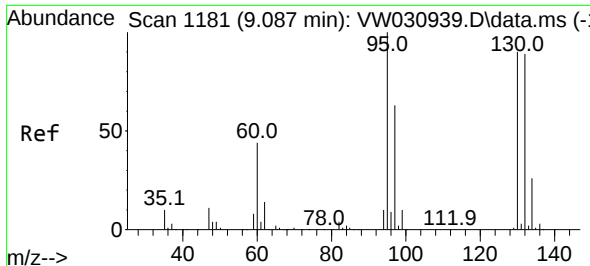
Tgt Ion:117 Resp: 216092
Ion Ratio Lower Upper
117 100
119 98.5 76.2 114.2



#33
Benzene
Concen: 26.061 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 78 Resp: 674806

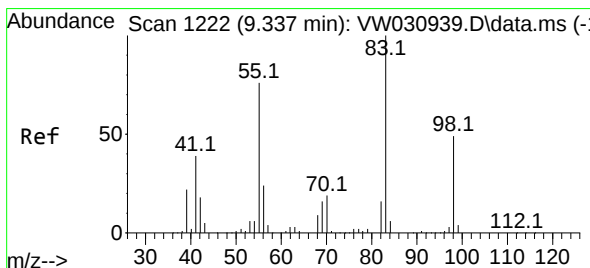
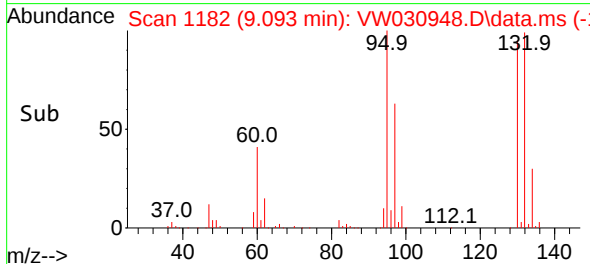
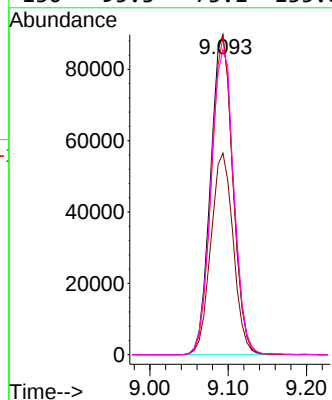
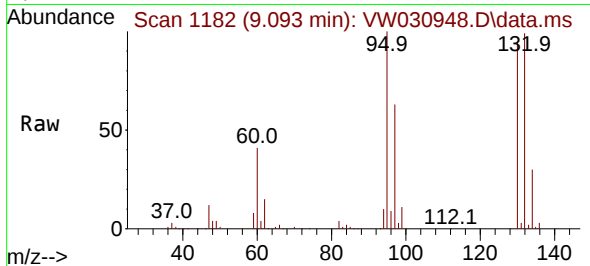




#34
Trichloroethene
Concen: 24.843 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

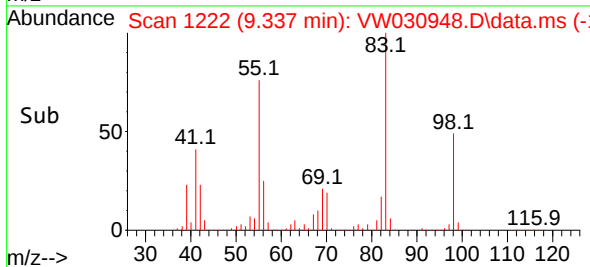
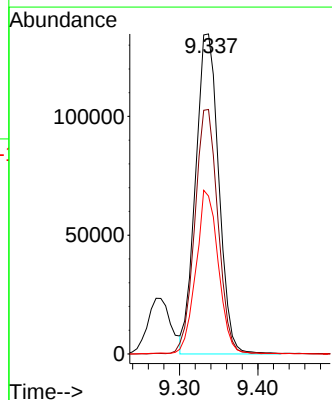
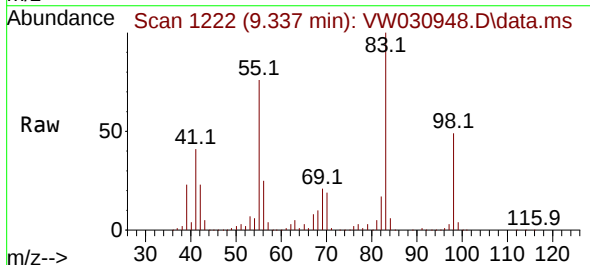
Instrument :
MSVOA_W
ClientSampleId :

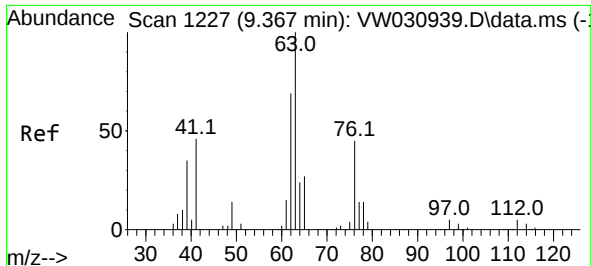
Tgt Ion: 95 Resp: 177380
Ion Ratio Lower Upper
95 100
97 63.0 48.9 90.7
132 99.1 67.7 125.7
130 95.3 73.1 135.8



#35
Methylcyclohexane
Concen: 24.523 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 83 Resp: 277517
Ion Ratio Lower Upper
83 100
55 75.9 62.8 94.2
98 49.3 39.4 59.2





#37

1,2-Dichloropropane

Concen: 26.641 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

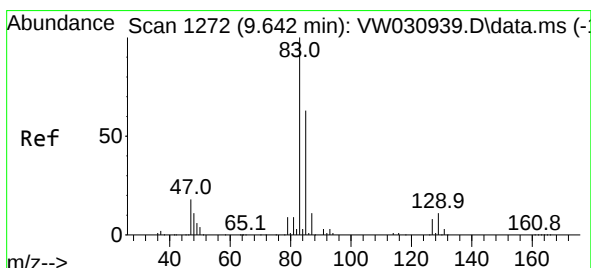
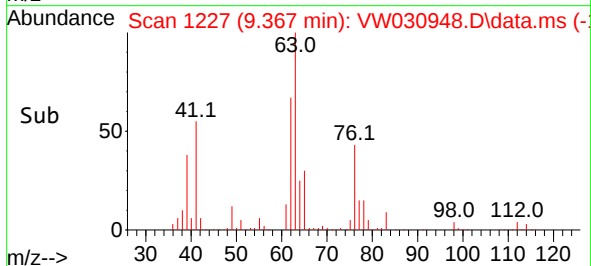
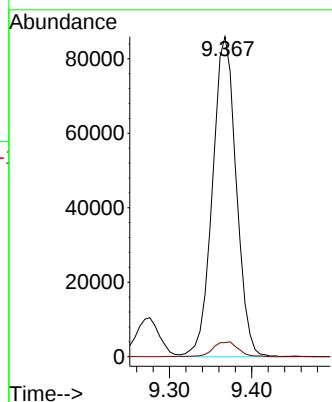
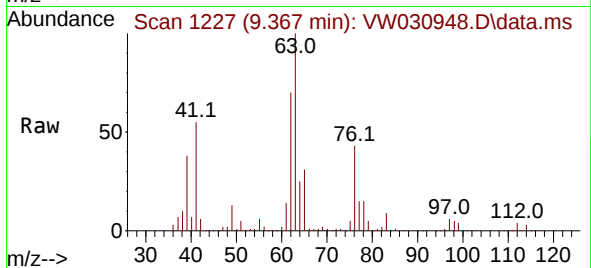
ClientSampleId :

Tgt Ion: 63 Resp: 172400

Ion Ratio Lower Upper

63 100

112 4.9 3.5 5.3



#38

Bromodichloromethane

Concen: 25.760 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

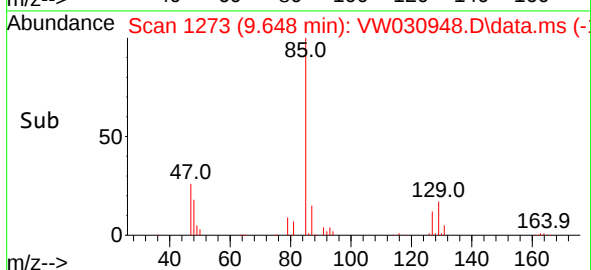
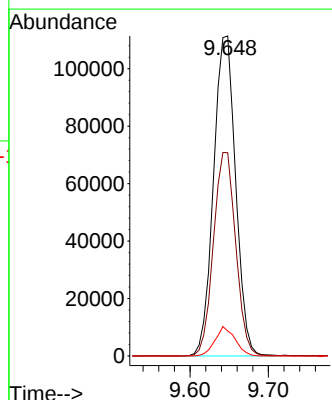
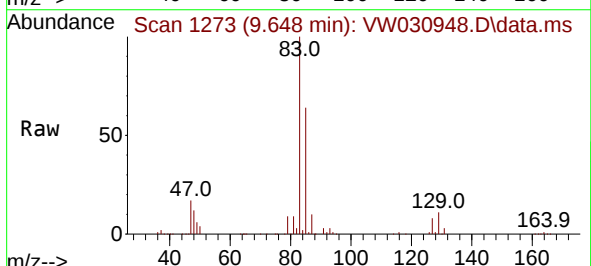
Tgt Ion: 83 Resp: 218912

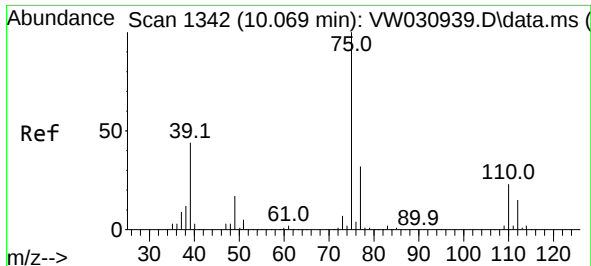
Ion Ratio Lower Upper

83 100

85 63.5 44.1 81.9

127 7.8 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 26.712 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

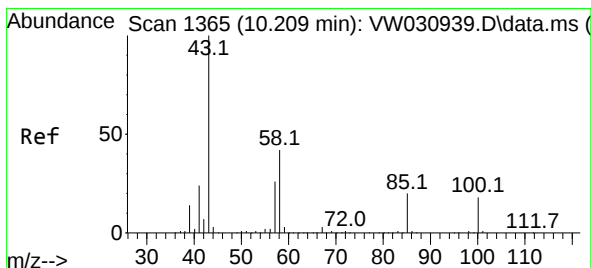
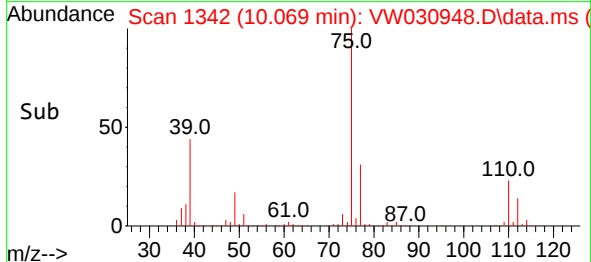
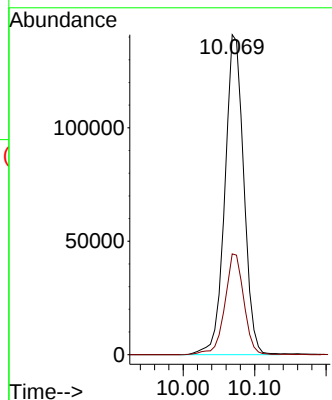
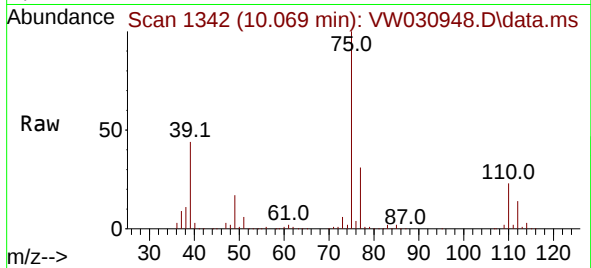
ClientSampleId :

Tgt Ion: 75 Resp: 258584

Ion Ratio Lower Upper

75 100

77 31.5 21.3 39.6



#40

4-Methyl-2-pentanone

Concen: 56.126 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

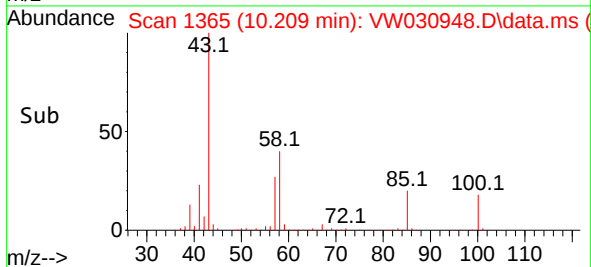
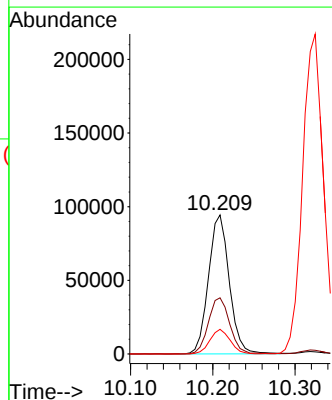
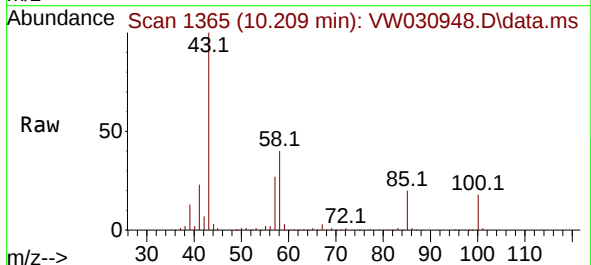
Tgt Ion: 43 Resp: 166097

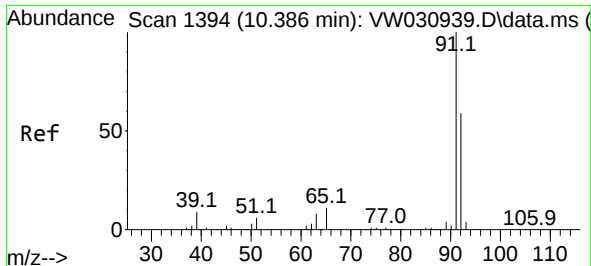
Ion Ratio Lower Upper

43 100

58 41.0 32.2 48.4

100 17.2 13.3 19.9

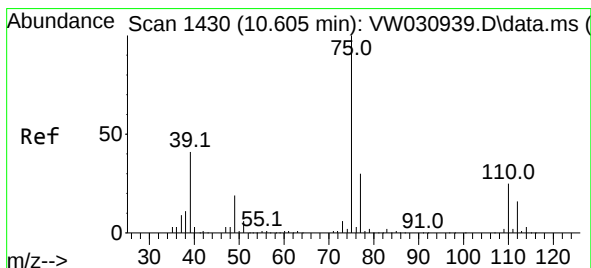
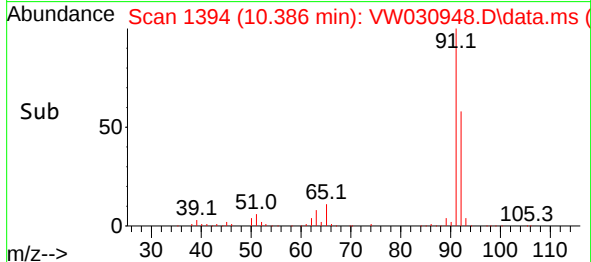
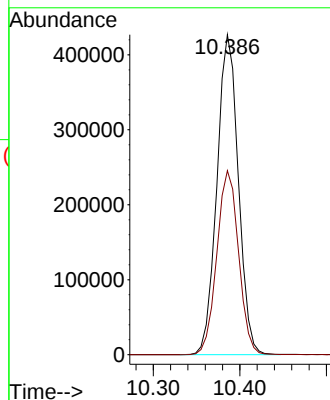
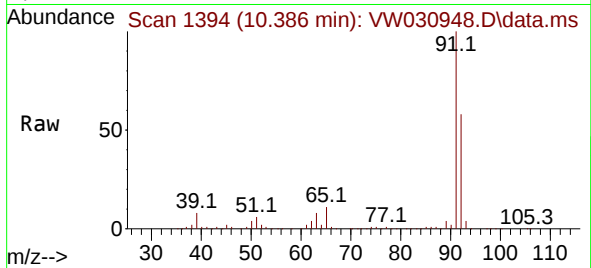




#42
Toluene
Concen: 26.723 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

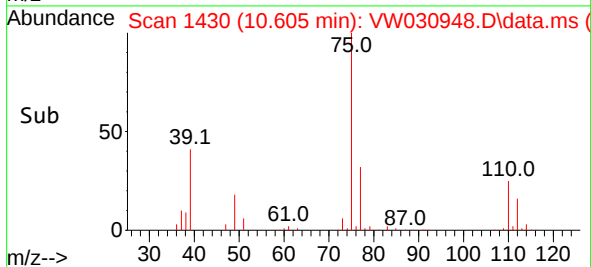
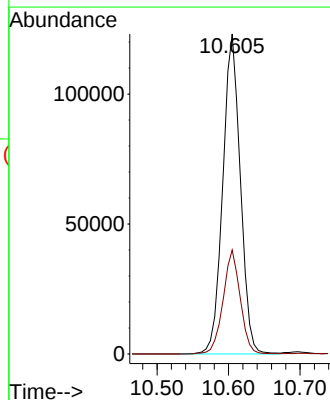
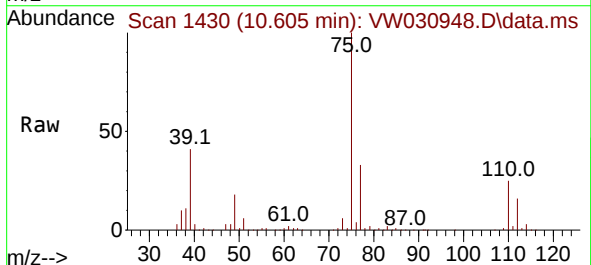
Instrument :
MSVOA_W
ClientSampleId :

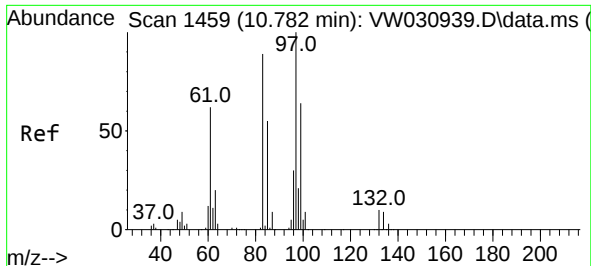
Tgt Ion: 91 Resp: 732721
Ion Ratio Lower Upper
91 100
92 57.5 39.4 73.2



#44
trans-1,3-Dichloropropene
Concen: 26.126 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 75 Resp: 210103
Ion Ratio Lower Upper
75 100
77 32.5 23.6 43.8

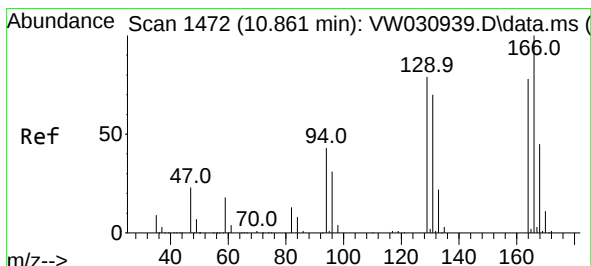
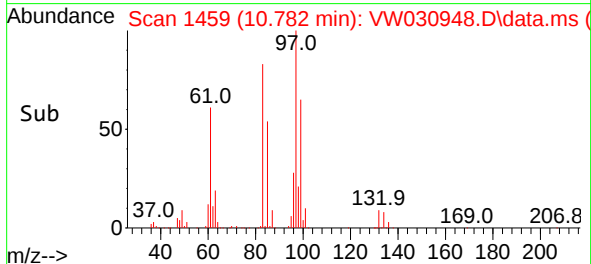
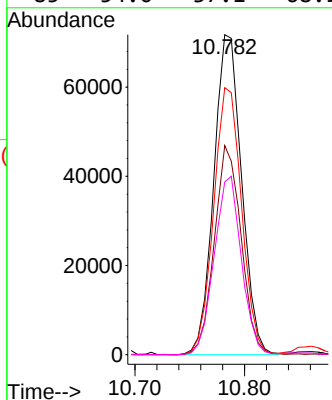
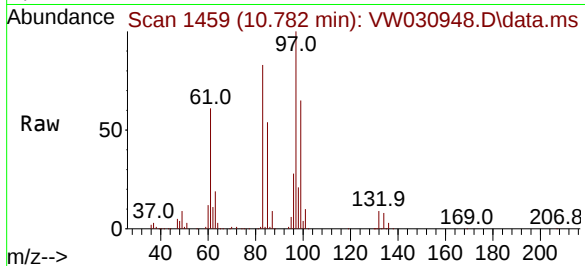




#45
1,1,2-Trichloroethane
Concen: 27.262 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

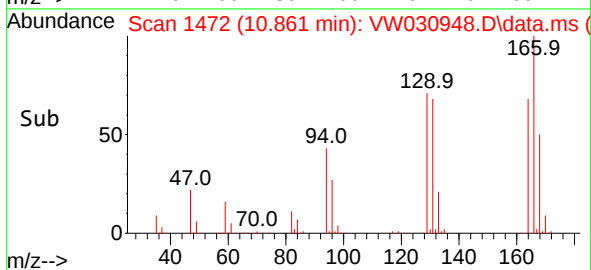
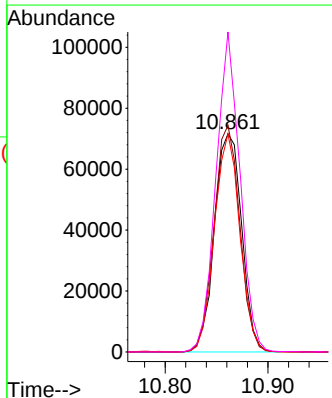
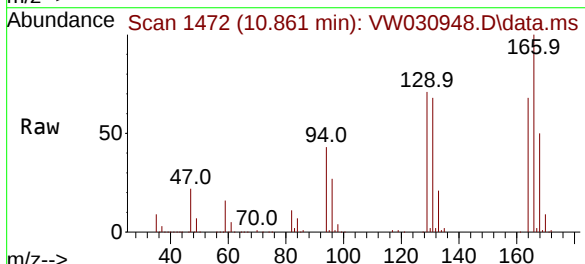
Instrument :
MSVOA_W
ClientSampleId :

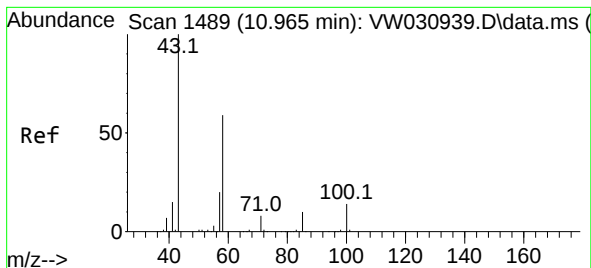
Tgt Ion:	97	Resp:	126629
Ion	Ratio	Lower	Upper
97	100		
99	65.4	42.8	79.4
83	83.5	60.6	112.6
85	54.0	37.1	68.9



#46
Tetrachloroethene
Concen: 24.126 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

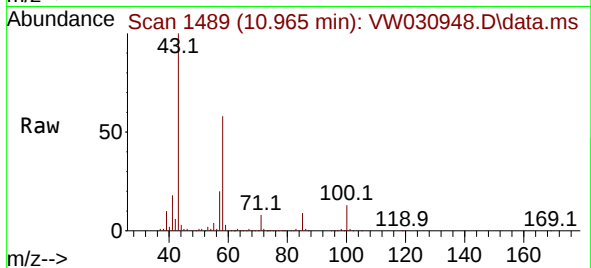
Tgt Ion:	164	Resp:	131688
Ion	Ratio	Lower	Upper
164	100		
129	103.8	71.1	132.1
131	99.9	62.6	116.3
166	146.6	83.7	155.5



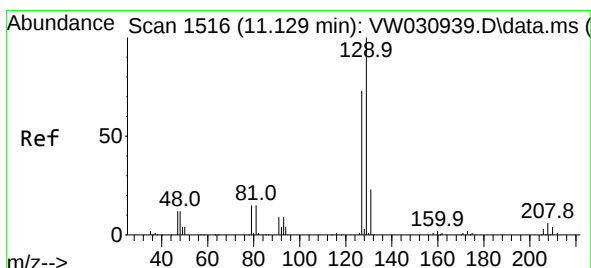
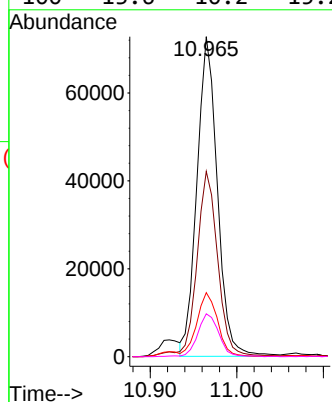
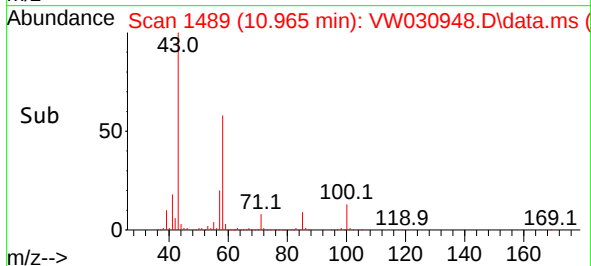


#48
2-Hexanone
Concen: 53.109 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Instrument :
MSVOA_W
ClientSampleId :

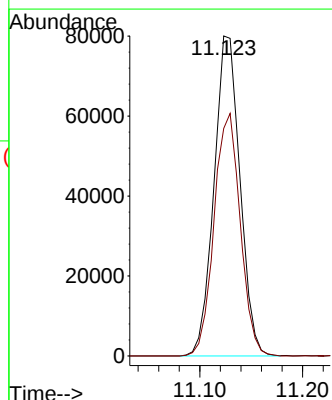
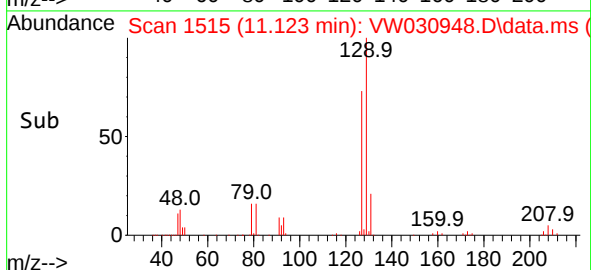
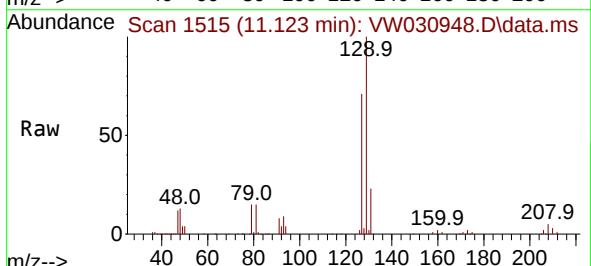


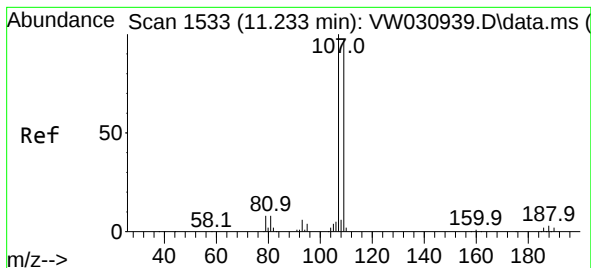
Tgt Ion: 43 Resp: 119574
Ion Ratio Lower Upper
43 100
58 58.3 43.8 65.8
57 20.4 15.4 23.2
100 13.6 10.2 15.2



#49
Dibromochloromethane
Concen: 27.738 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion:129 Resp: 140475
Ion Ratio Lower Upper
129 100
127 71.1 52.1 96.7





#50

1,2-Dibromoethane

Concen: 26.501 ug/L

RT: 11.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

ClientSampleId :

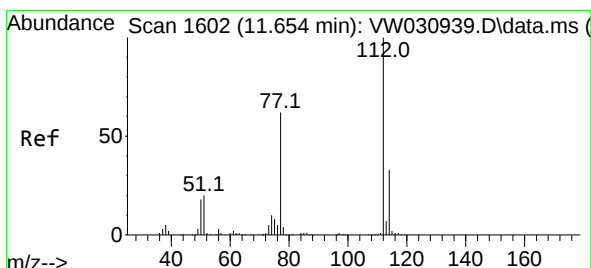
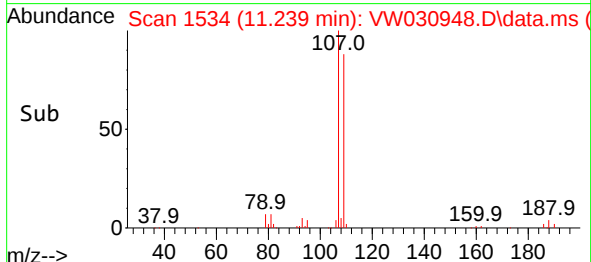
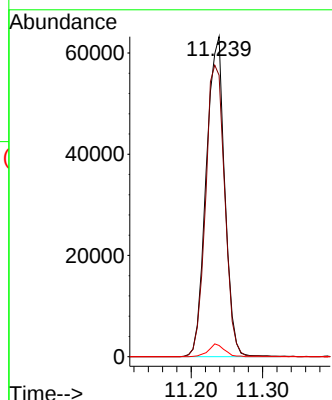
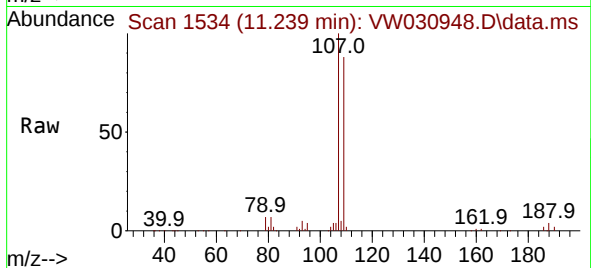
Tgt Ion:107 Resp: 113516

Ion Ratio Lower Upper

107 100

109 87.9 64.3 119.3

188 3.5 2.7 4.1



#51

Chlorobenzene

Concen: 26.237 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

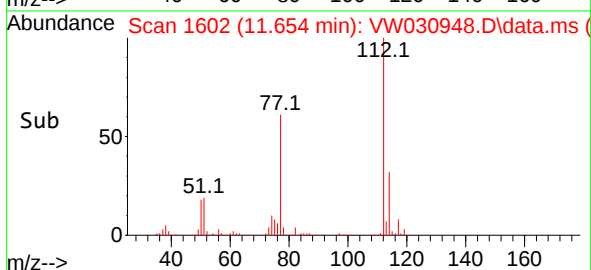
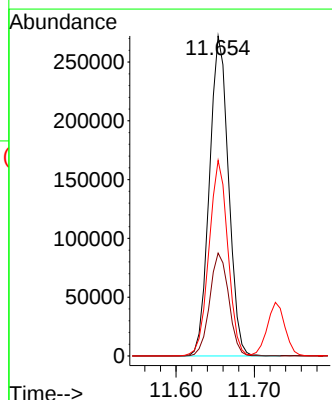
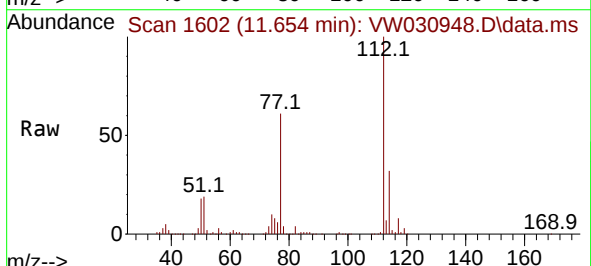
Tgt Ion:112 Resp: 460406

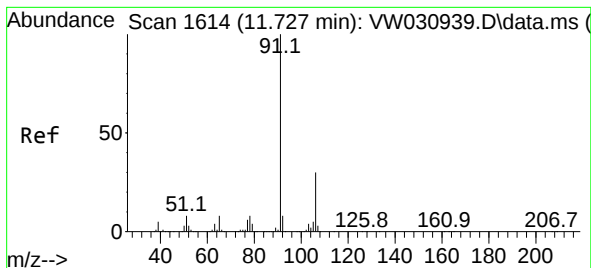
Ion Ratio Lower Upper

112 100

114 32.1 21.9 40.7

77 61.1 45.3 67.9





#52

Ethylbenzene

Concen: 26.389 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

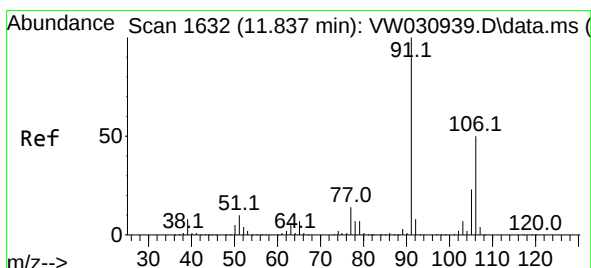
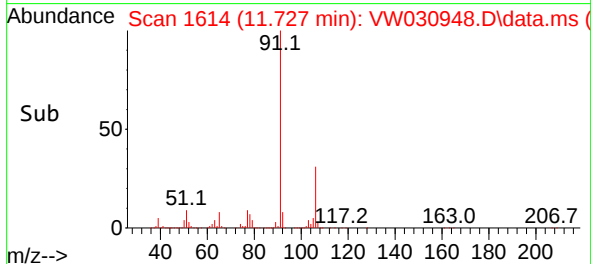
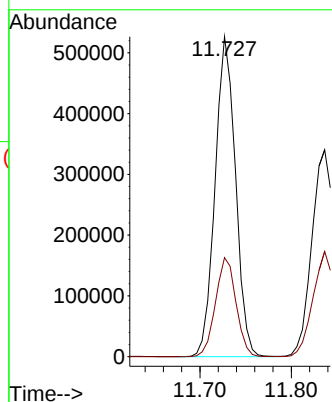
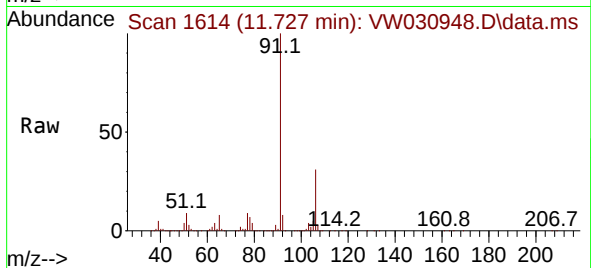
ClientSampleId :

Tgt Ion: 91 Resp: 817572

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.0



#53

m,p-Xylene

Concen: 26.484 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030948.D

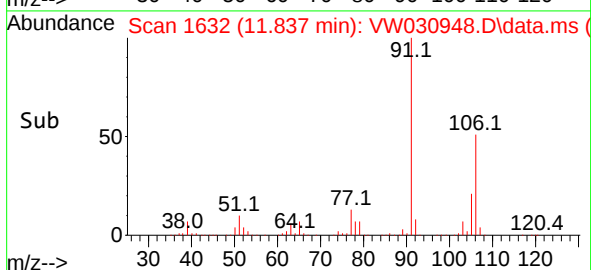
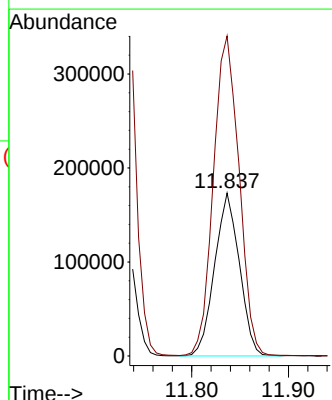
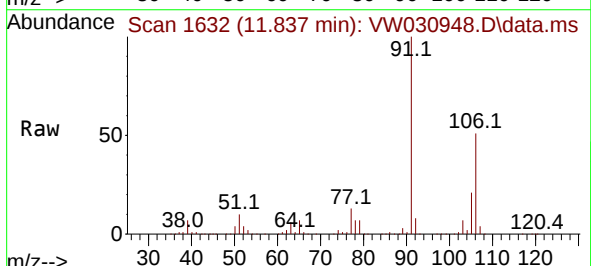
Acq: 06 Nov 2024 18:06

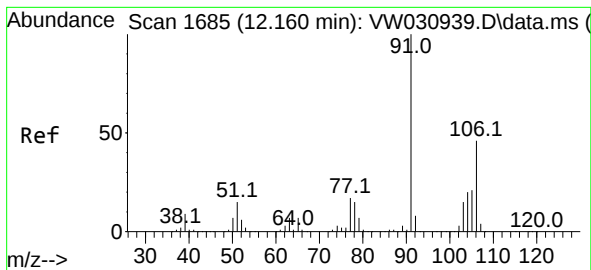
Tgt Ion:106 Resp: 308592

Ion Ratio Lower Upper

106 100

91 196.4 140.7 261.3

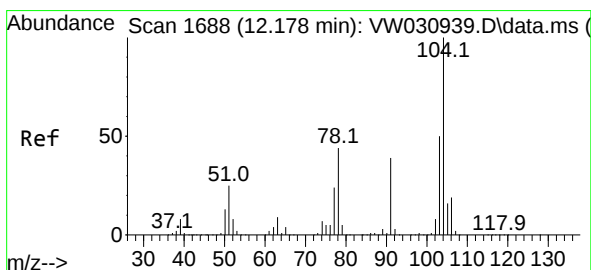
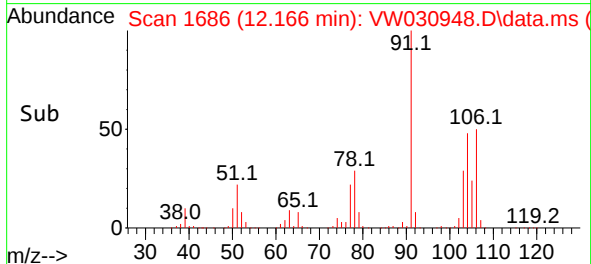
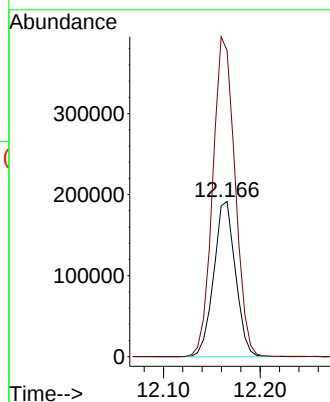
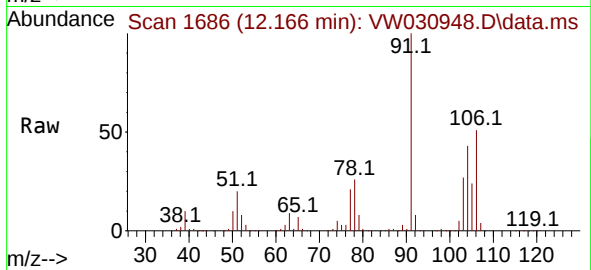




#54
o-Xylene
Concen: 27.808 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

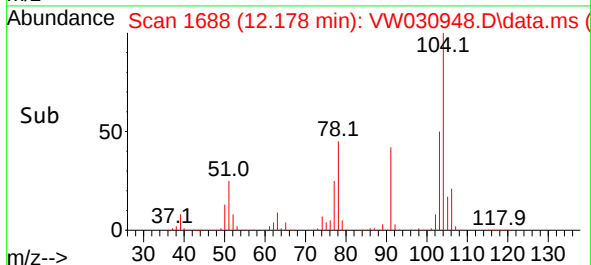
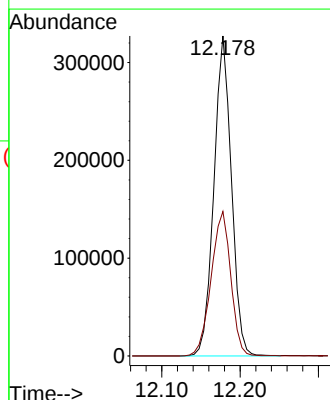
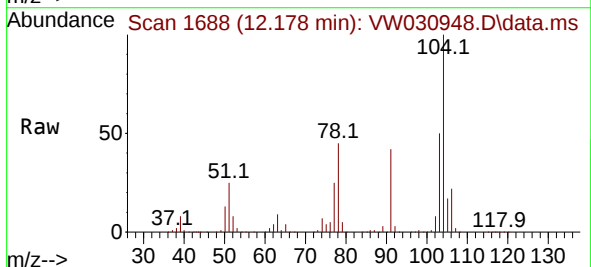
Instrument :
MSVOA_W
ClientSampleId :

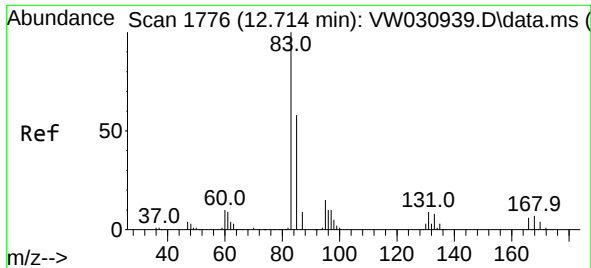
Tgt Ion:106 Resp: 298144
Ion Ratio Lower Upper
106 100
91 197.3 149.9 278.3



#55
Styrene
Concen: 27.775 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion:104 Resp: 508804
Ion Ratio Lower Upper
104 100
78 45.2 31.8 59.0

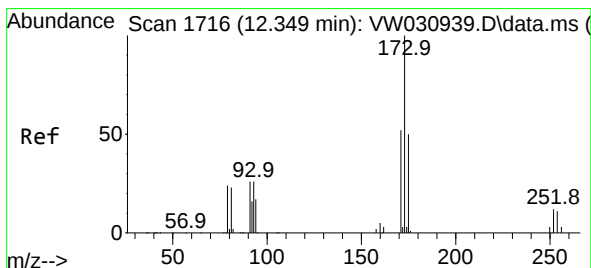
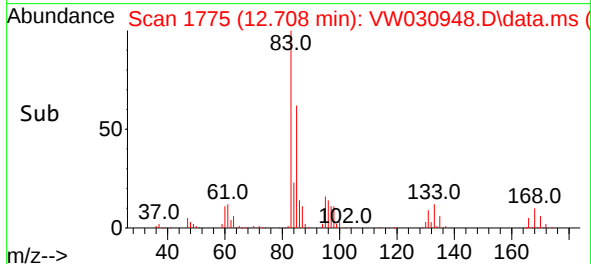
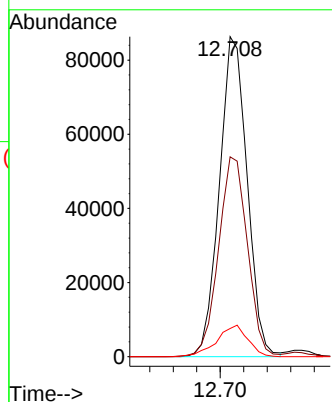
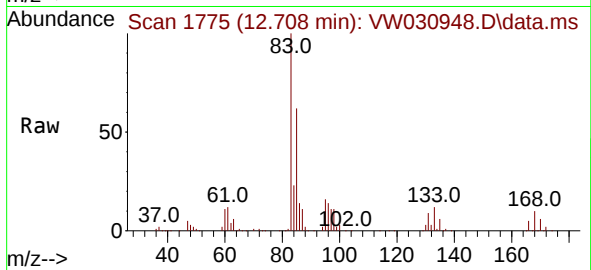




#57
1,1,2,2-Tetrachloroethane
Concen: 27.920 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

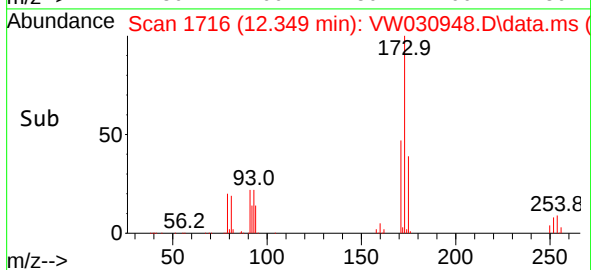
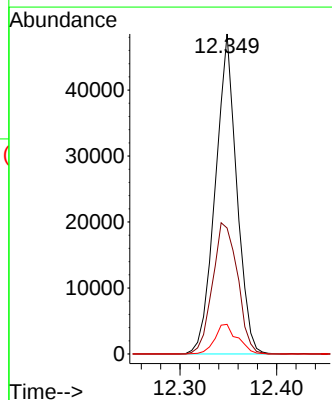
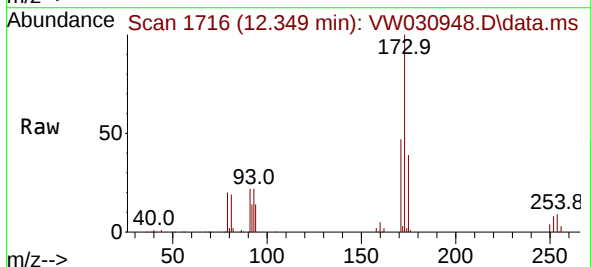
Instrument :
MSVOA_W
ClientSampleId :

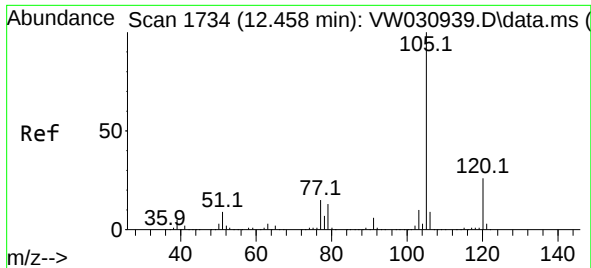
Tgt Ion: 83 Resp: 141529
Ion Ratio Lower Upper
83 100
85 62.4 45.1 83.7
131 8.8 7.7 11.5



#59
Bromoform
Concen: 25.751 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 173 Resp: 74416
Ion Ratio Lower Upper
173 100
175 47.9 39.3 58.9
254 9.8 7.8 11.6

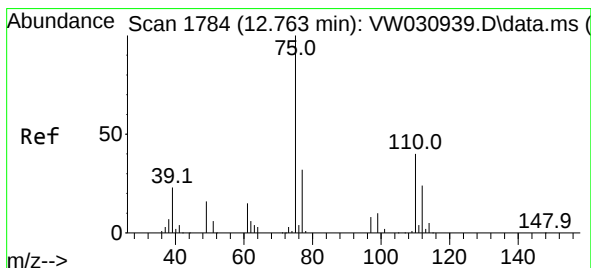
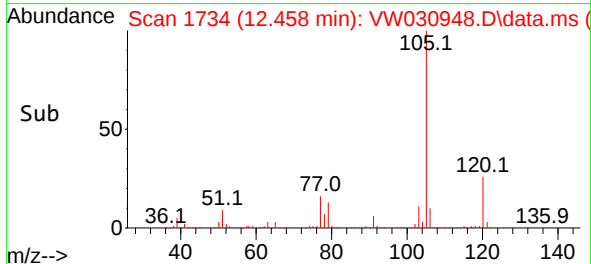
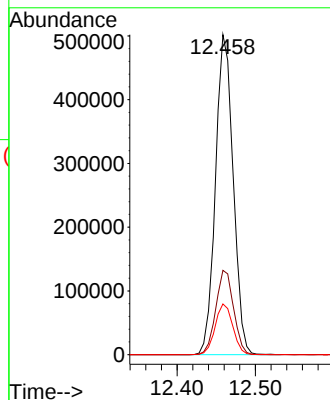
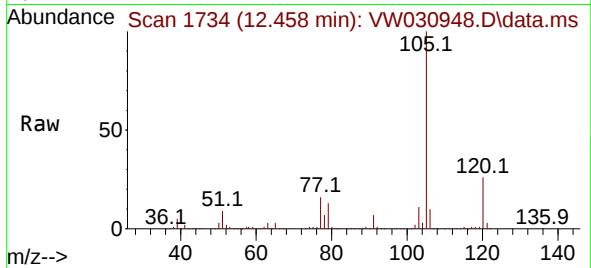




#60
Isopropylbenzene
Concen: 25.523 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

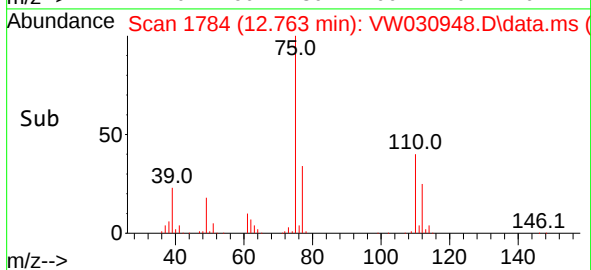
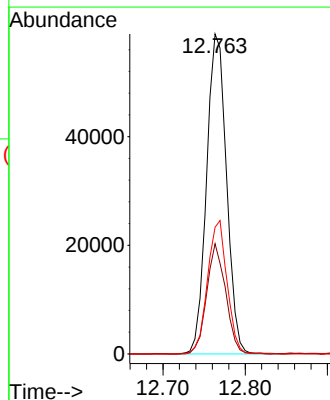
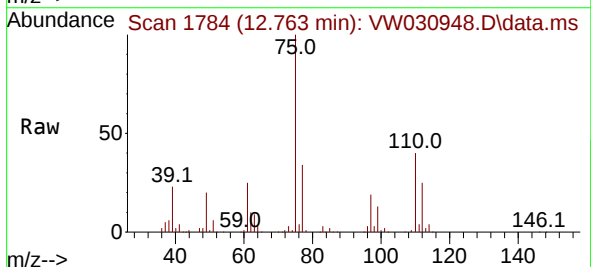
Instrument :
MSVOA_W
ClientSampleId :

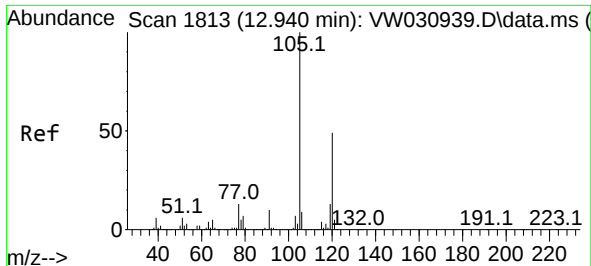
Tgt Ion:105 Resp: 787910
Ion Ratio Lower Upper
105 100
120 26.5 20.6 31.0
77 15.8 13.0 19.4



#61
1,2,3-Trichloropropane
Concen: 26.211 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion: 75 Resp: 99451
Ion Ratio Lower Upper
75 100
77 32.8 26.2 39.2
110 40.8 31.8 47.8

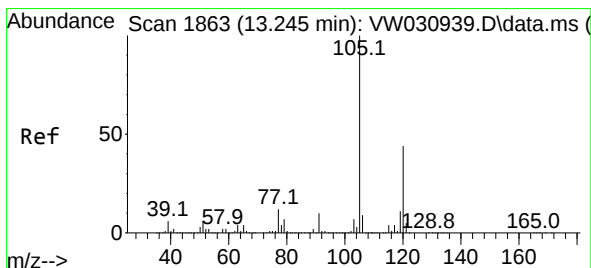
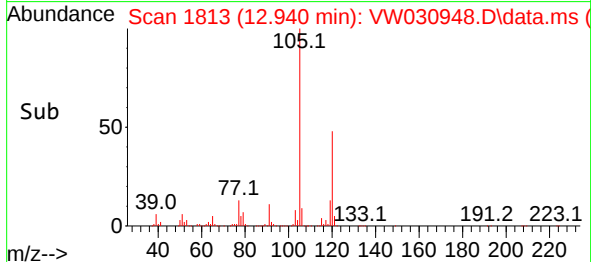
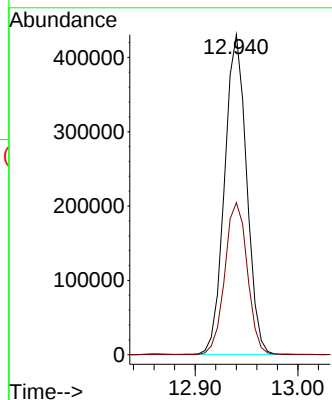
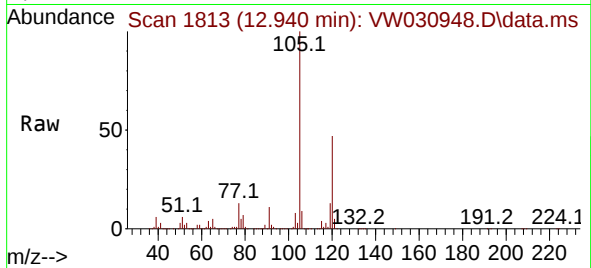




#62
1,3,5-Trimethylbenzene
Concen: 26.355 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

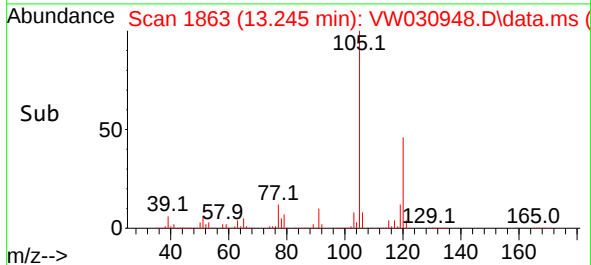
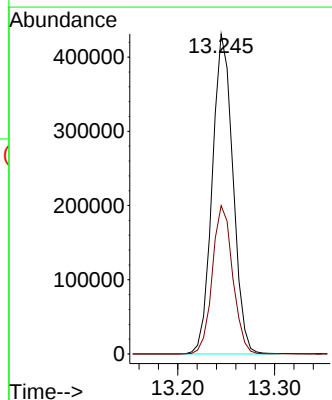
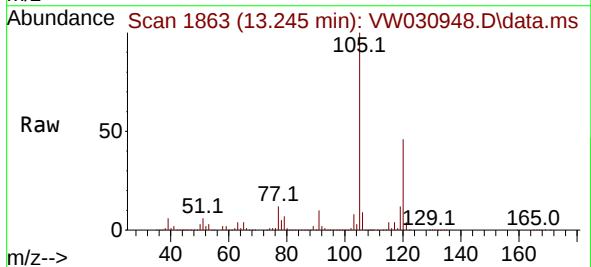
Instrument :
MSVOA_W
ClientSampleId :

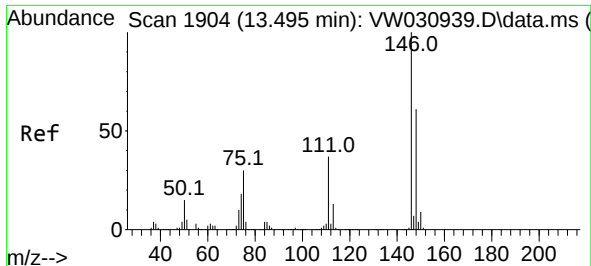
Tgt Ion:105 Resp: 640583
Ion Ratio Lower Upper
105 100
120 48.8 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 27.053 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

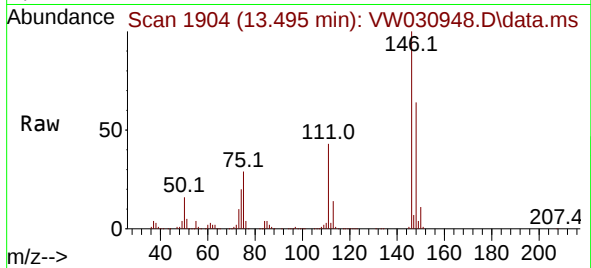
Tgt Ion:105 Resp: 640365
Ion Ratio Lower Upper
105 100
120 45.7 35.9 53.9



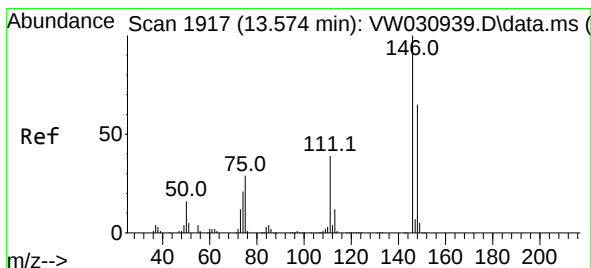
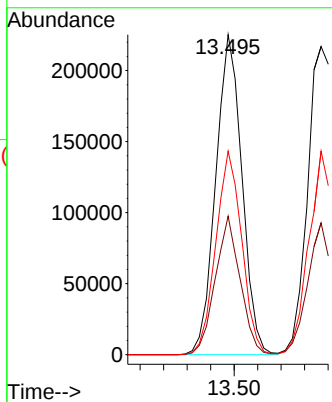
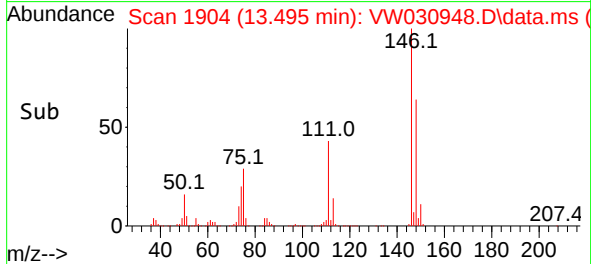


#64
1,3-Dichlorobenzene
Concen: 25.782 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Instrument :
MSVOA_W
ClientSampleId :

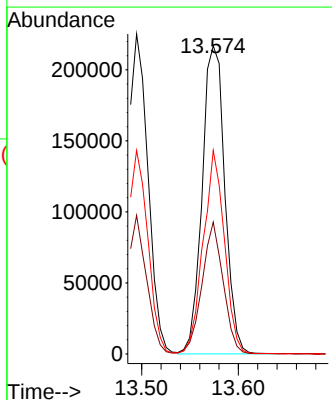
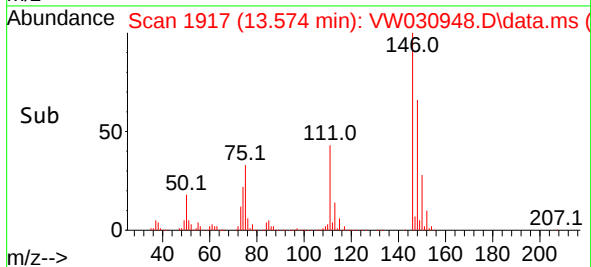
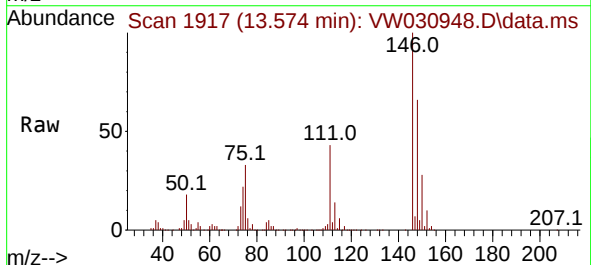


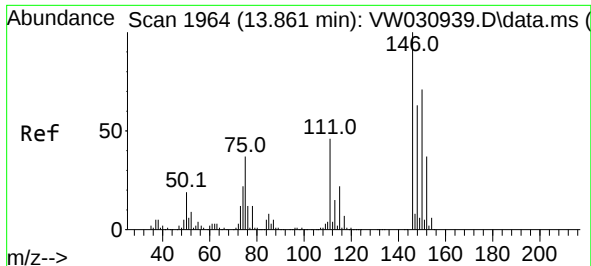
Tgt Ion:146 Resp: 349470
Ion Ratio Lower Upper
146 100
111 43.3 26.8 49.8
148 63.6 41.8 77.6



#65
1,4-Dichlorobenzene
Concen: 25.422 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

Tgt Ion:146 Resp: 353778
Ion Ratio Lower Upper
146 100
111 42.8 27.6 51.4
148 66.0 41.6 77.2





#67

1,2-Dichlorobenzene

Concen: 26.498 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

ClientSampleId :

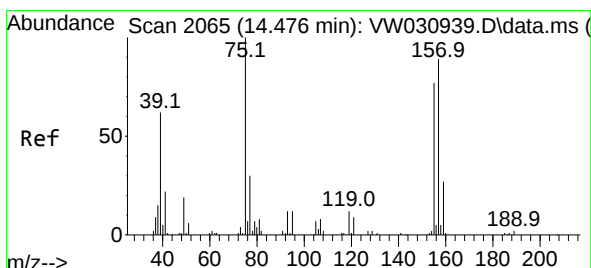
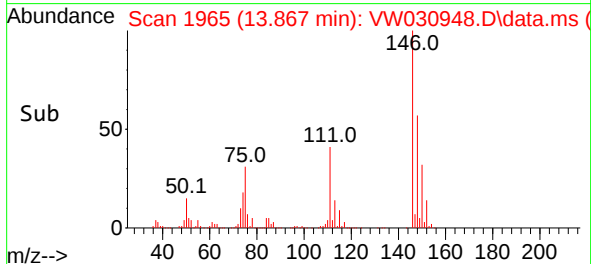
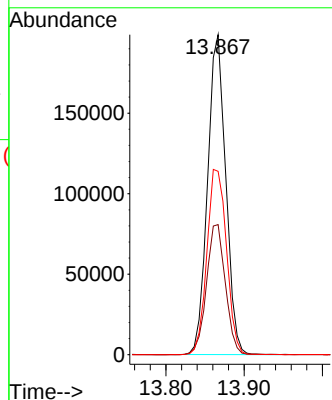
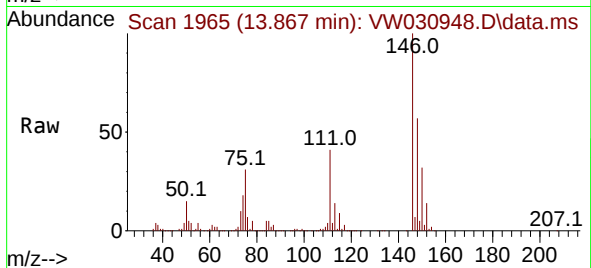
Tgt Ion:146 Resp: 320121

Ion Ratio Lower Upper

146 100

111 40.6 34.3 51.5

148 57.3 48.0 72.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.925 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

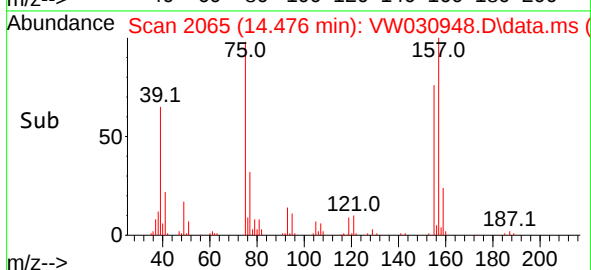
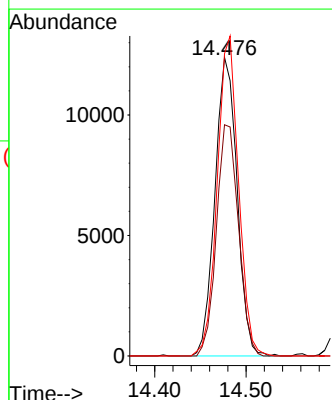
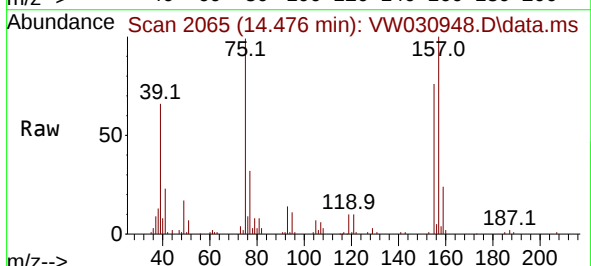
Tgt Ion: 75 Resp: 20825

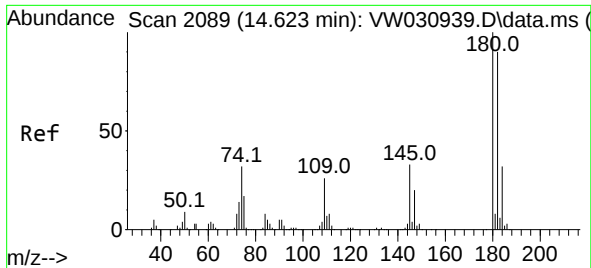
Ion Ratio Lower Upper

75 100

155 77.4 56.2 84.2

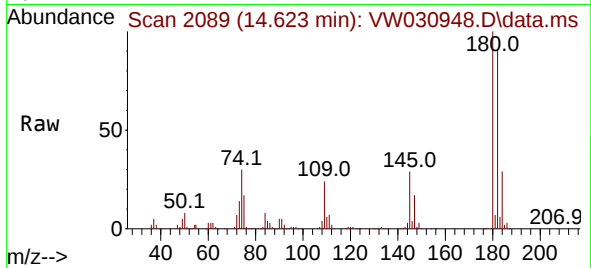
157 101.2 74.9 112.3



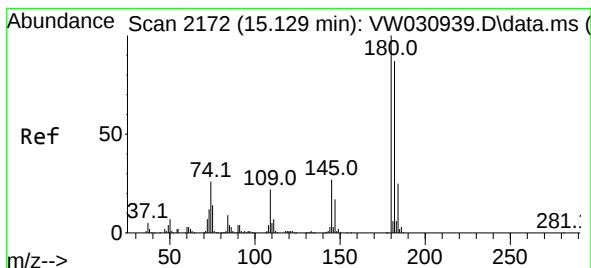
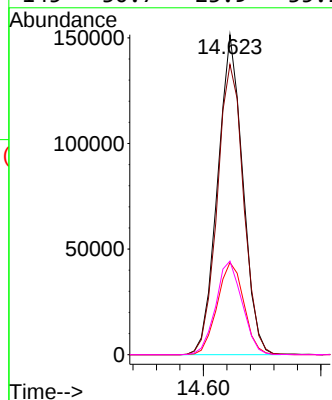
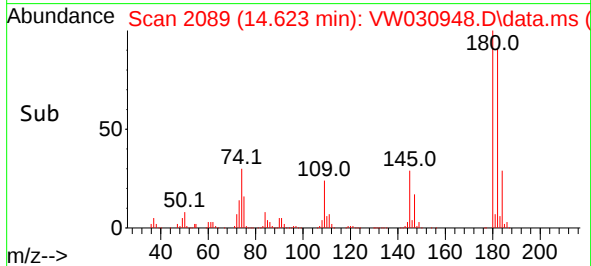


#69
1,3,5-Trichlorobenzene
Concen: 25.059 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06

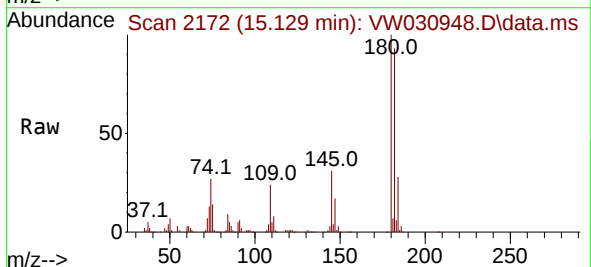
Instrument :
MSVOA_W
ClientSampleId :



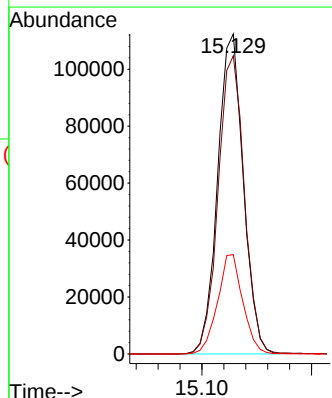
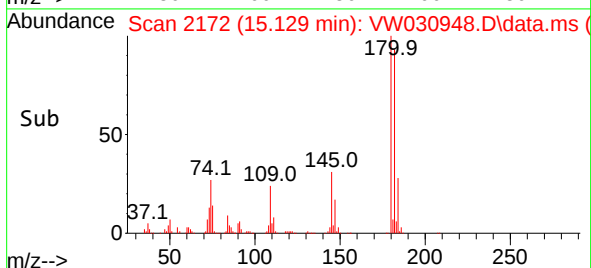
Tgt Ion:	180	Resp:	225404
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.6	114.8
184	30.4	23.9	35.9
145	30.7	23.9	35.9

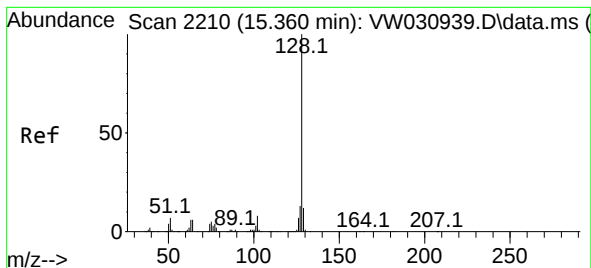


#70
1,2,4-trichlorobenzene
Concen: 25.617 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW030948.D
Acq: 06 Nov 2024 18:06



Tgt Ion:	180	Resp:	182970
Ion Ratio	Lower	Upper	
180	100		
182	94.8	74.5	111.7
145	30.5	24.2	36.2





#71

Naphthalene

Concen: 29.347 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Instrument :

MSVOA_W

ClientSampleId :

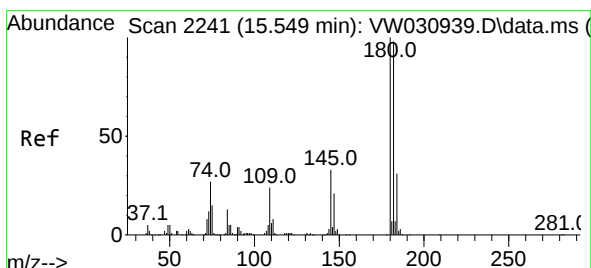
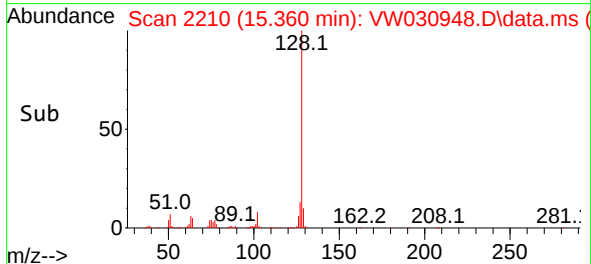
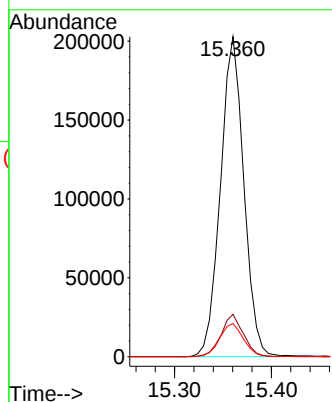
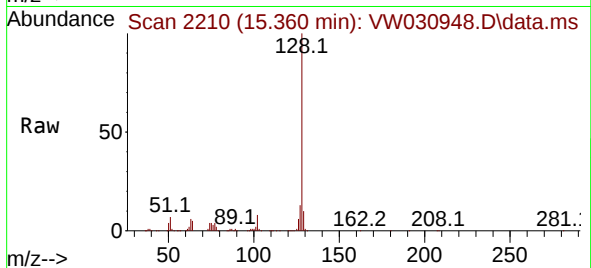
Tgt Ion:128 Resp: 339799

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 26.209 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030948.D

Acq: 06 Nov 2024 18:06

Tgt Ion:180 Resp: 161330

Ion Ratio Lower Upper

180 100

182 96.6 79.2 118.8

145 33.1 27.0 40.6

