

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101524\
 Data File : VW030609.D
 Acq On : 15 Oct 2024 15:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.01g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 16 01:31:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 16 01:28:14 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	270572	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257287	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	129168	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82282	19.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.400%
7) Chloroethane-d5	2.893	69	79002	24.540	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.160%
11) 1,1-Dichloroethene-d2	4.021	65	36031	20.369	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.480%
21) 2-Butanone-d5	7.075	46	45215	59.076	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.160%
24) Chloroform-d	7.648	84	199573	25.792	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.160%
26) 1,2-Dichloroethane-d4	8.301	65	104845	26.057	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.240%
32) Benzene-d6	8.270	84	358541	24.010	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.040%
36) 1,2-Dichloropropane-d6	9.270	67	109079	24.887	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.560%
41) Toluene-d8	10.318	98	327733	24.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.160%
43) trans-1,3-Dichloroprop...	10.575	79	44607	24.305	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.240%
47) 2-Hexanone-d5	10.922	63	34869	61.767	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	92866	28.851	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	109899	25.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	70548	20.408	ug/L	92
3) Chloromethane	2.222	50	104191	25.932	ug/L	99
5) Vinyl chloride	2.375	62	118582	24.000	ug/L	99
6) Bromomethane	2.783	94	83656	25.723	ug/L	94
8) Chloroethane	2.930	64	80025	26.494	ug/L	98
9) Trichlorofluoromethane	3.265	101	87719	19.841	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90978	22.872	ug/L	95
12) 1,1-Dichloroethene	4.039	96	81611	22.481	ug/L	86
13) Acetone	4.118	43	43260	38.607	ug/L	94
14) Carbon disulfide	4.393	76	254182	21.442	ug/L	99
15) Methyl Acetate	4.667	43	38746	27.993	ug/L	98
16) Methylene chloride	4.917	84	100117	24.476	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	96485	24.632	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	145087	26.465	ug/L	99
19) 1,1-Dichloroethane	6.216	63	194232	26.679	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	109625	26.238	ug/L	86
22) 2-Butanone	7.167	43	58227	48.207	ug/L	97
23) Bromochloromethane	7.508	128	46821	25.616	ug/L	93
25) Chloroform	7.673	83	207735	26.701	ug/L	99

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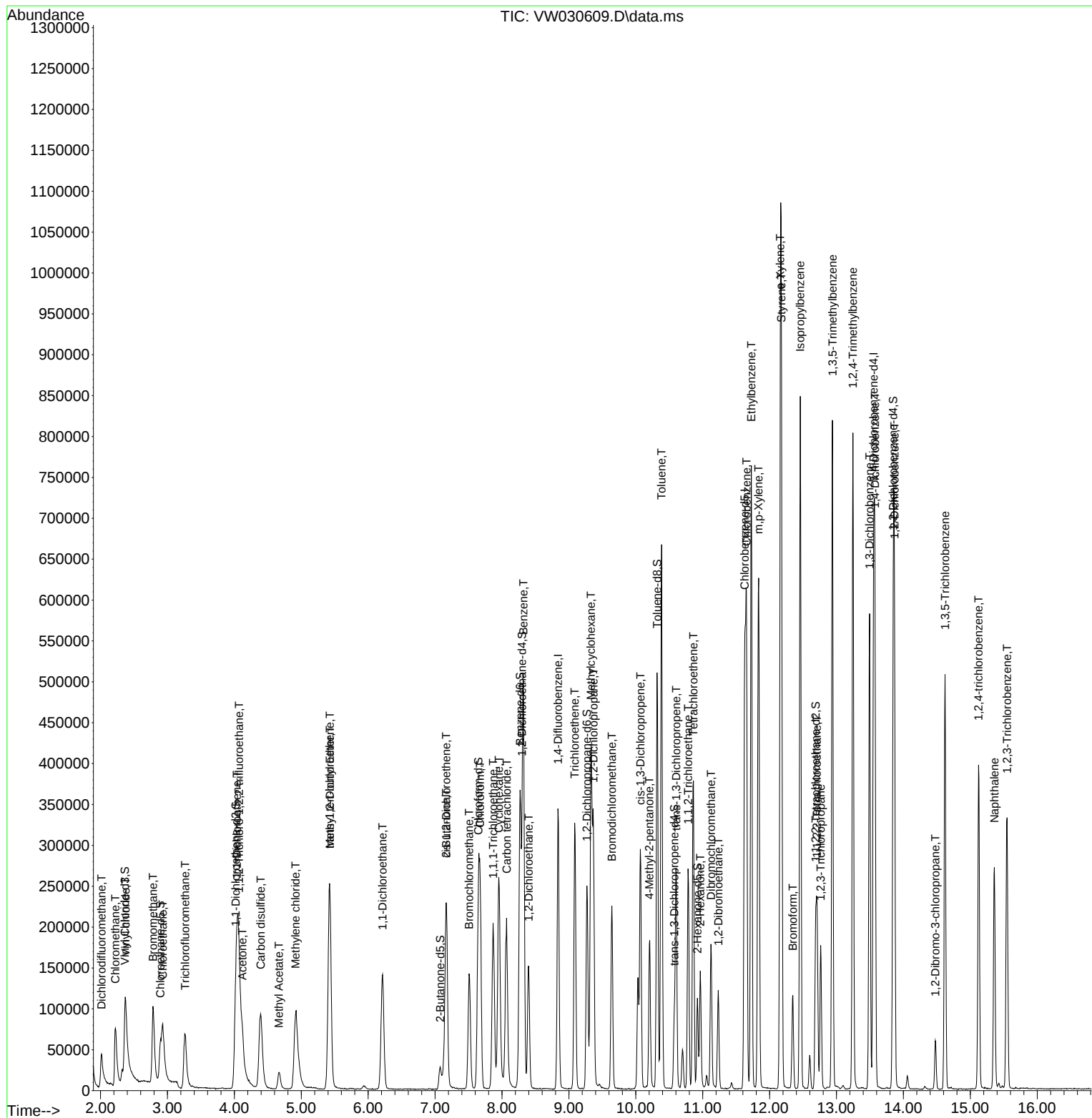
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	135658	26.431	ug/L	99
29) Cyclohexane	7.953	56	144018	22.995	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	157819	23.107	ug/L	99
31) Carbon tetrachloride	8.069	117	141688	23.227	ug/L	99
33) Benzene	8.319	78	427267	25.519	ug/L	100
34) Trichloroethene	9.087	95	111330	23.901	ug/L	99
35) Methylcyclohexane	9.331	83	163593	22.316	ug/L	99
37) 1,2-Dichloropropane	9.367	63	110289	26.374	ug/L	100
38) Bromodichloromethane	9.642	83	144848	26.035	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	163343	25.897	ug/L	96
40) 4-Methyl-2-pentanone	10.203	43	118362	58.919	ug/L	99
42) Toluene	10.386	91	455085	25.477	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	139854	26.386	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	80188	26.533	ug/L	95
46) Tetrachloroethene	10.861	164	77690	22.614	ug/L	90
48) 2-Hexanone	10.965	43	87139	53.042	ug/L	96
49) Dibromochloromethane	11.123	129	85947	25.487	ug/L	95
50) 1,2-Dibromoethane	11.233	107	75463	26.760	ug/L	100
51) Chlorobenzene	11.654	112	295705	25.717	ug/L	97
52) Ethylbenzene	11.727	91	520554	25.540	ug/L	95
53) m,p-Xylene	11.836	106	191770	25.114	ug/L	91
54) o-Xylene	12.160	106	182795	25.893	ug/L	87
55) Styrene	12.178	104	321540	26.643	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	95668	28.071	ug/L	97
59) Bromoform	12.349	173	46597	25.676	ug/L	99
60) Isopropylbenzene	12.458	105	497093	24.851	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	67350	26.796	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	406304	25.746	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	408927	26.465	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	220897	25.370	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	226083	25.147	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	197100	25.725	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	14601	26.053	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	144584	25.182	ug/L	93
70) 1,2,4-trichlorobenzene	15.122	180	113760	24.612	ug/L	96
71) Naphthalene	15.360	128	223047	27.931	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	105045	26.215	ug/L	97

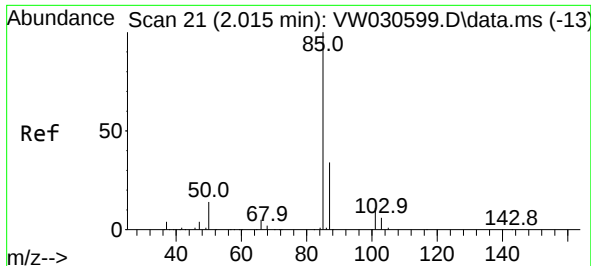
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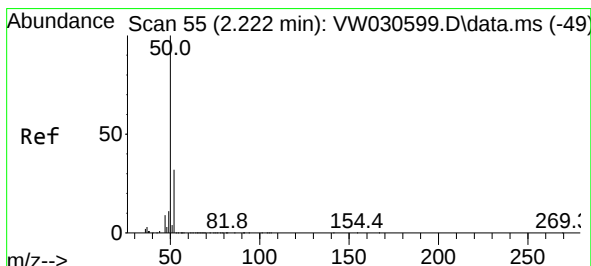
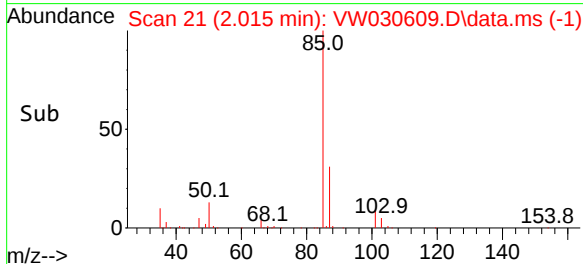
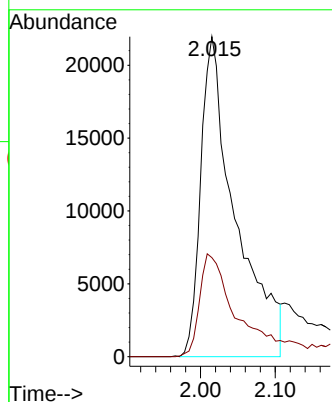
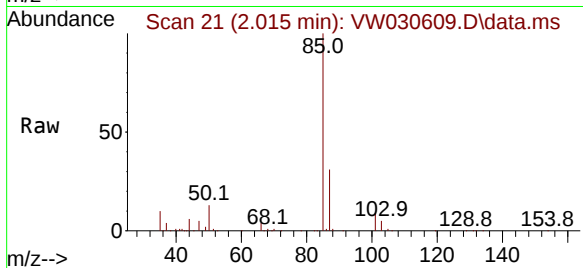




#2
 Dichlorodifluoromethane
 Concen: 20.408 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030609.D
 Acq: 15 Oct 2024 15:59

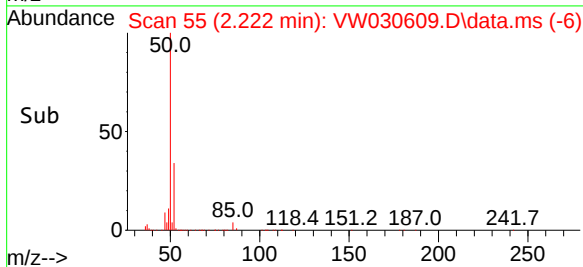
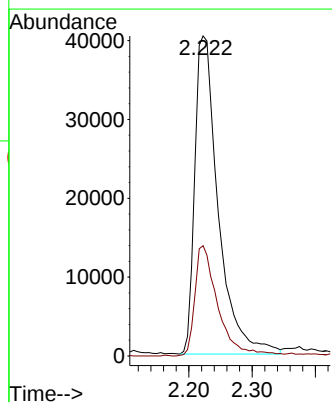
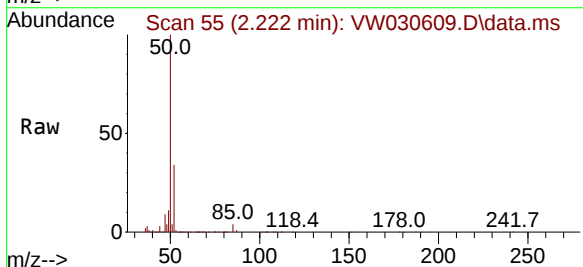
Instrument :
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 ClientSampleId :

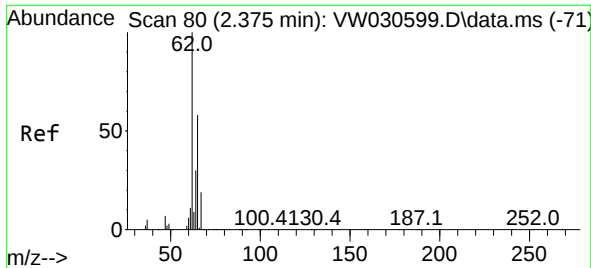
Tgt Ion: 85 Resp: 70548
 Ion Ratio Lower Upper
 85 100
 87 34.0 23.8 35.6



#3
 Chloromethane
 Concen: 25.932 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030609.D
 Acq: 15 Oct 2024 15:59

Tgt Ion: 50 Resp: 104191
 Ion Ratio Lower Upper
 50 100
 52 34.4 23.7 43.9

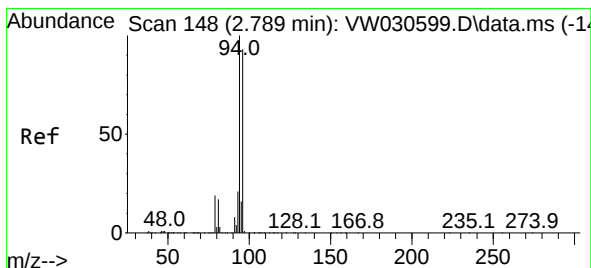
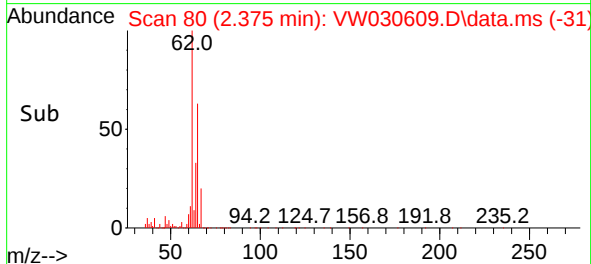
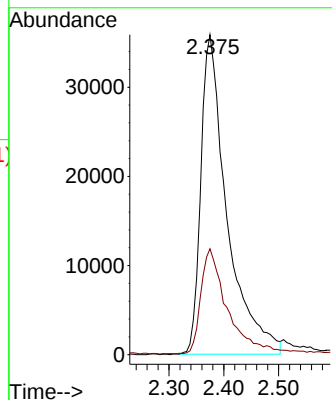
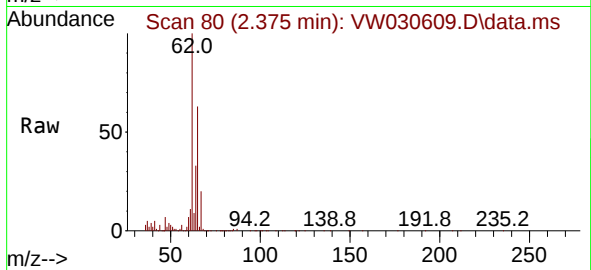




#5
 Vinyl chloride
 Concen: 24.000 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030609.D
 Acq: 15 Oct 2024 15:59

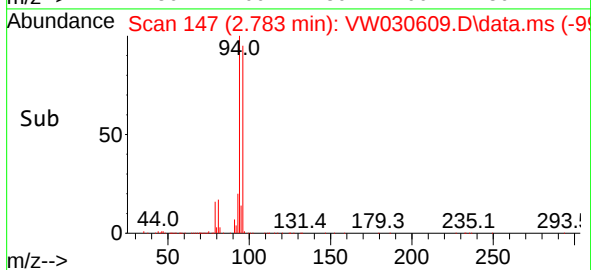
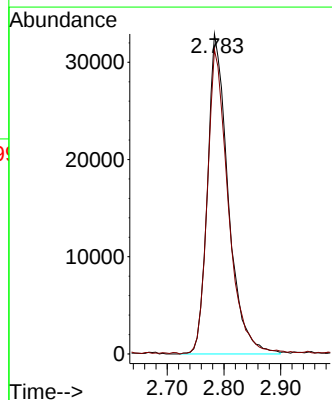
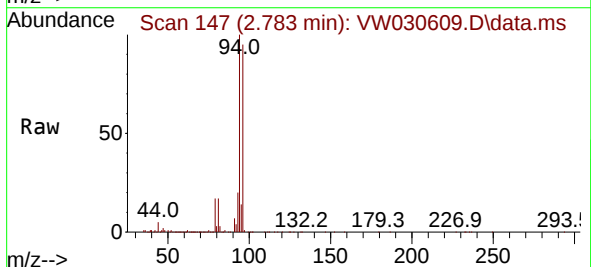
Instrument :
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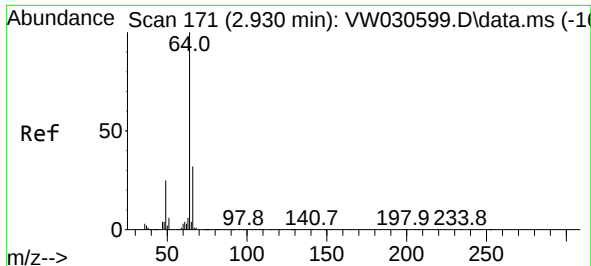
Tgt Ion: 62 Resp: 118582
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.6 42.0



#6
 Bromomethane
 Concen: 25.723 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW030609.D
 Acq: 15 Oct 2024 15:59

Tgt Ion: 94 Resp: 83656
 Ion Ratio Lower Upper
 94 100
 96 95.1 62.6 116.2

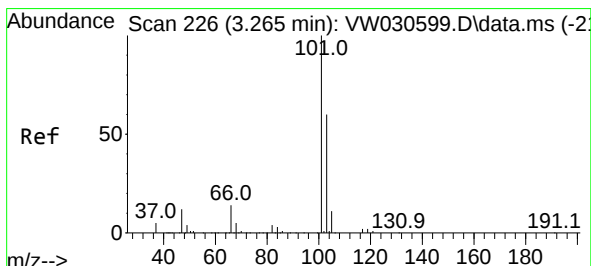
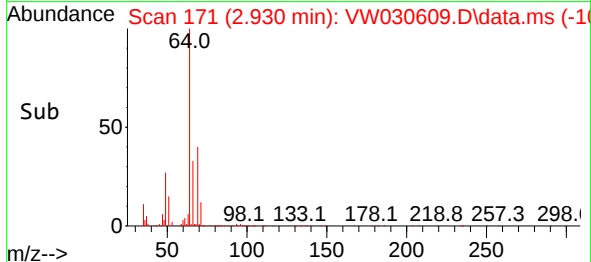
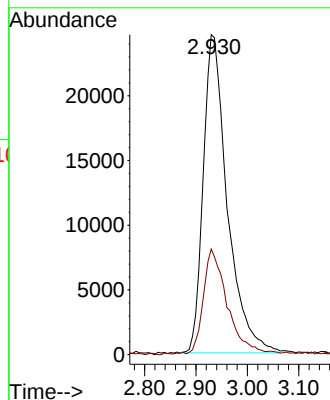
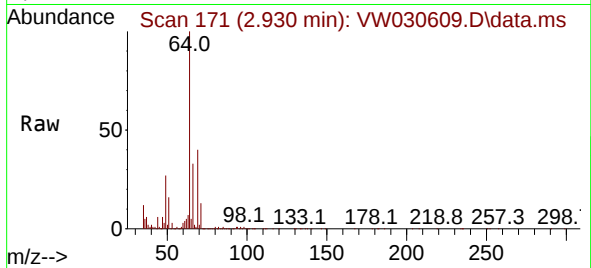




#8
Chloroethane
Concen: 26.494 ug/L
RT: 2.930 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

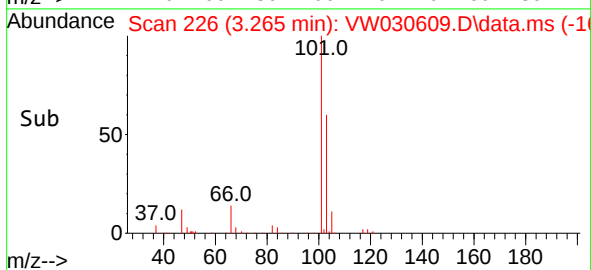
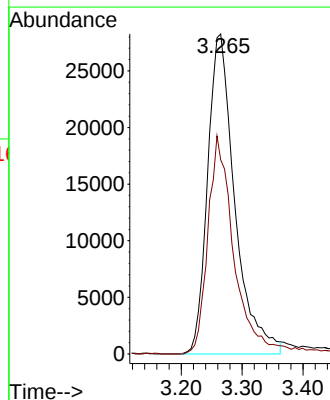
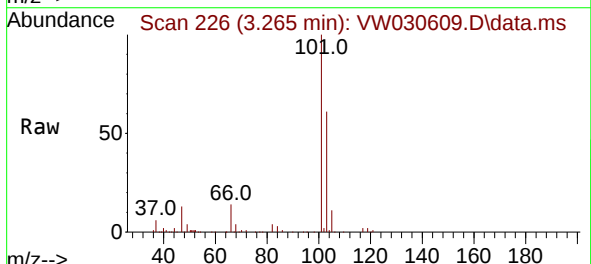
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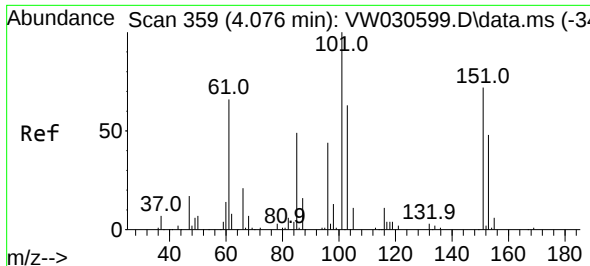
Tgt Ion: 64 Resp: 80025
Ion Ratio Lower Upper
64 100
66 33.0 22.3 41.5



#9
Trichlorofluoromethane
Concen: 19.841 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 101 Resp: 87719
Ion Ratio Lower Upper
101 100
103 65.0 51.1 76.7

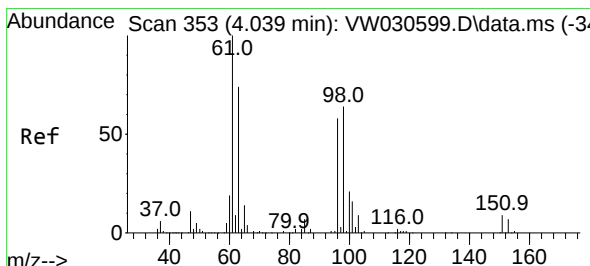
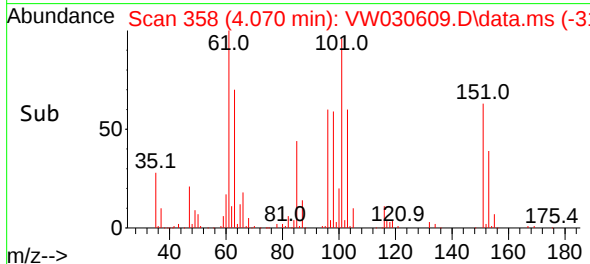
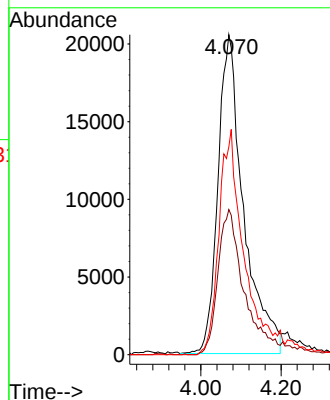
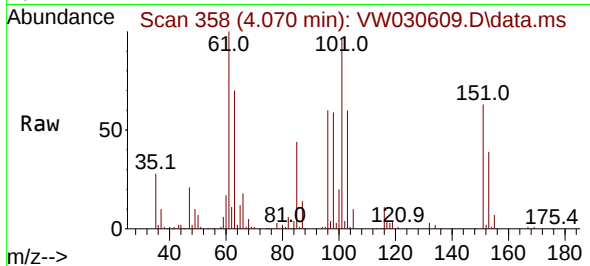




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.872 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030609.D
 Acq: 15 Oct 2024 15:59

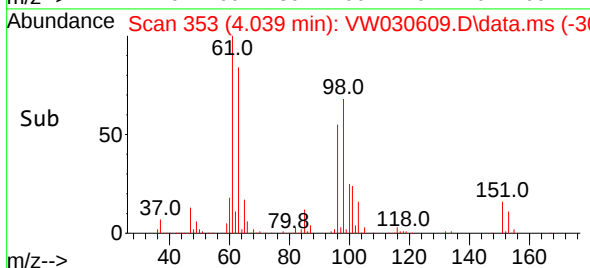
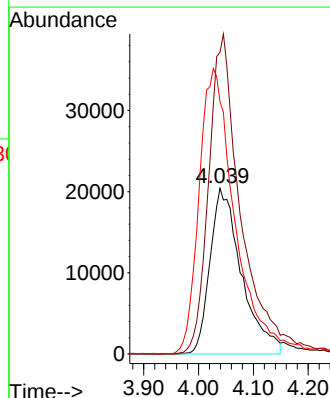
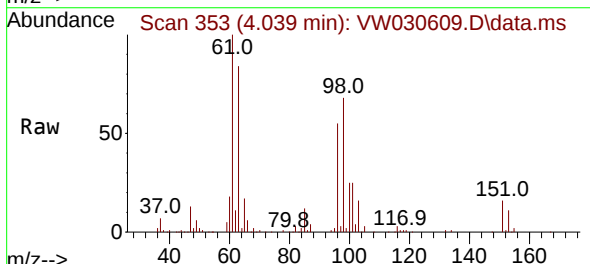
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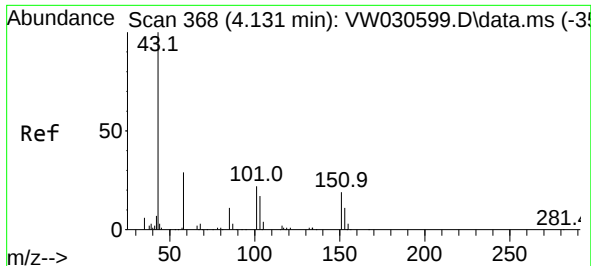
Tgt Ion:101 Resp: 90978
 Ion Ratio Lower Upper
 101 100
 85 45.5 35.7 53.5
 151 64.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 22.481 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.000 min
 Lab File: VW030609.D
 Acq: 15 Oct 2024 15:59

Tgt Ion: 96 Resp: 81611
 Ion Ratio Lower Upper
 96 100
 61 182.2 121.3 225.3
 63 152.3 87.6 162.8





#13

Acetone

Concen: 38.607 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.012 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

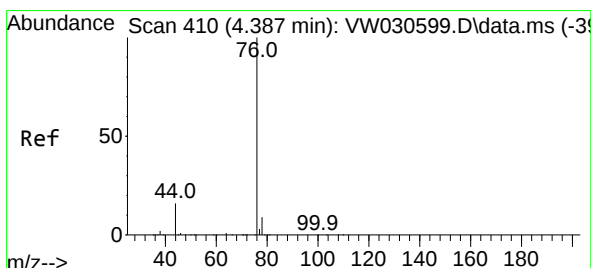
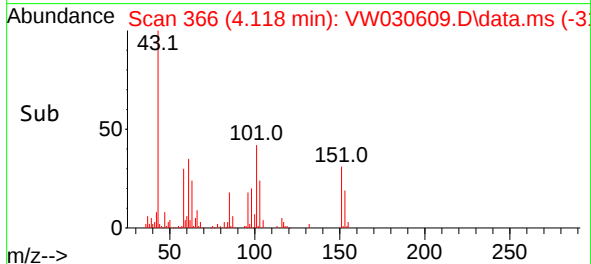
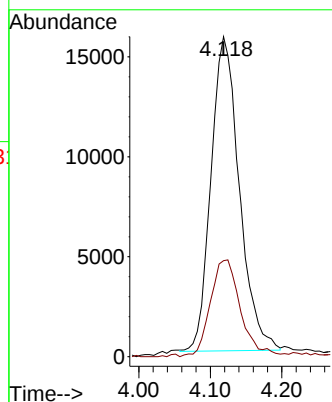
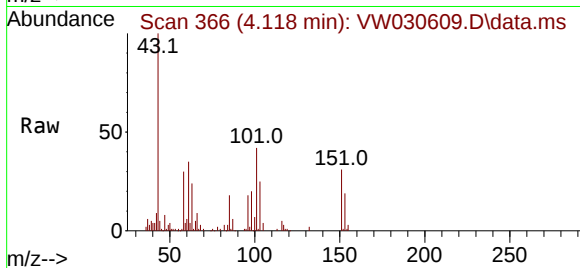
ClientSampleId :

Tgt Ion: 43 Resp: 43260

Ion Ratio Lower Upper

43 100

58 31.9 0.0 57.6



#14

Carbon disulfide

Concen: 21.442 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW030609.D

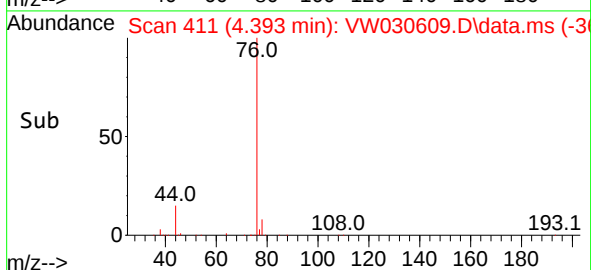
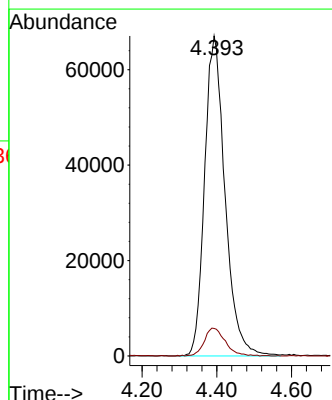
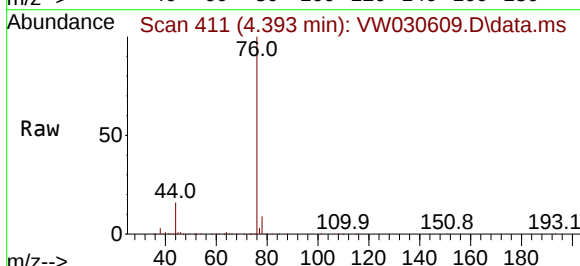
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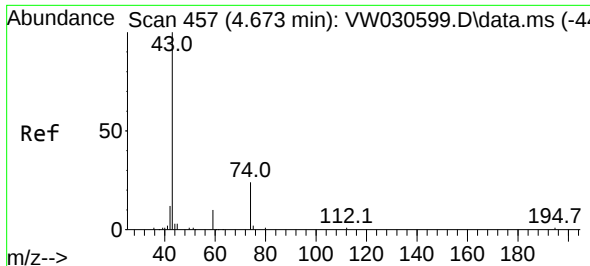
Tgt Ion: 76 Resp: 254182

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

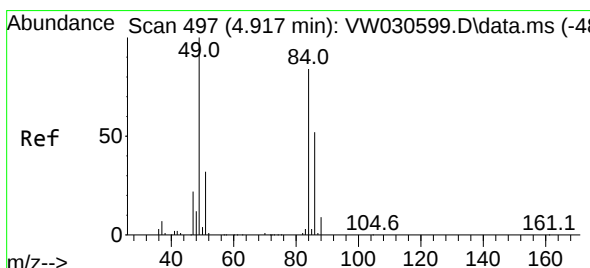
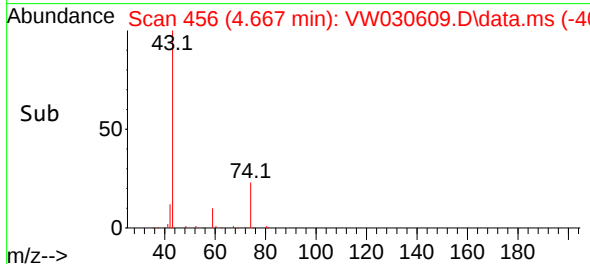
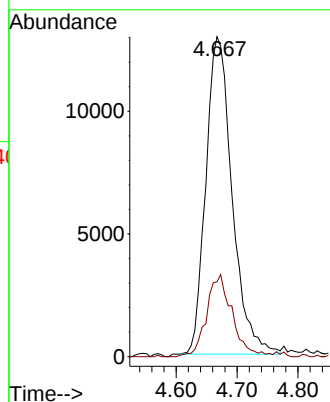
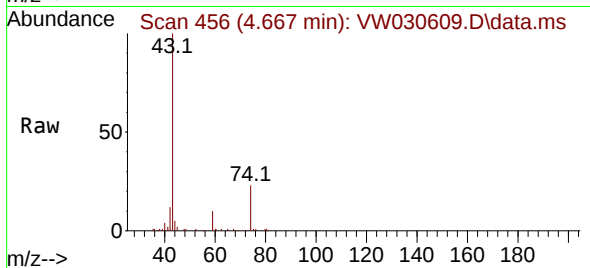




#15
Methyl Acetate
Concen: 27.993 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

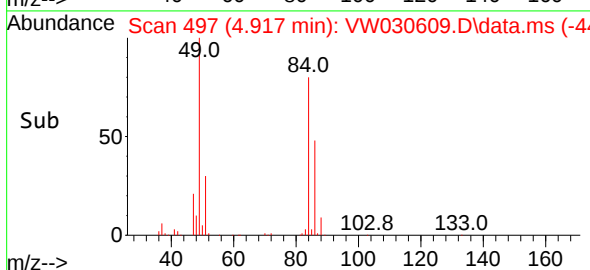
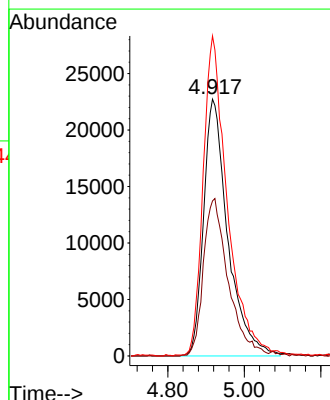
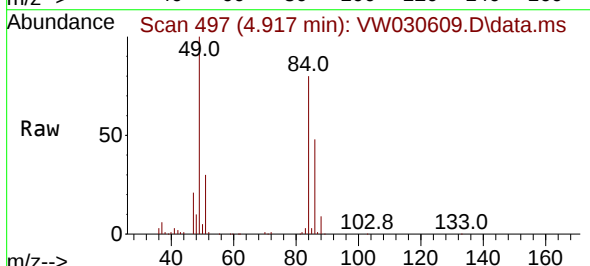
Instrument :
MSVOA_W
ClientSampleId :

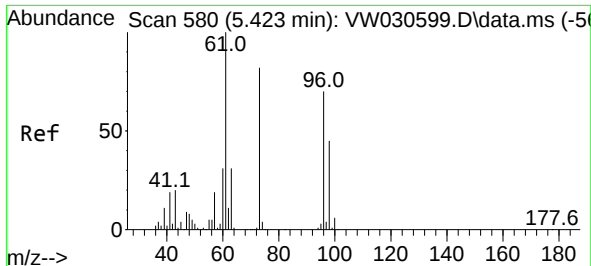
Tgt Ion: 43 Resp: 38746
Ion Ratio Lower Upper
43 100
74 25.2 19.3 28.9



#16
Methylene chloride
Concen: 24.476 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 84 Resp: 100117
Ion Ratio Lower Upper
84 100
86 60.4 43.8 81.3
49 124.6 88.3 164.1

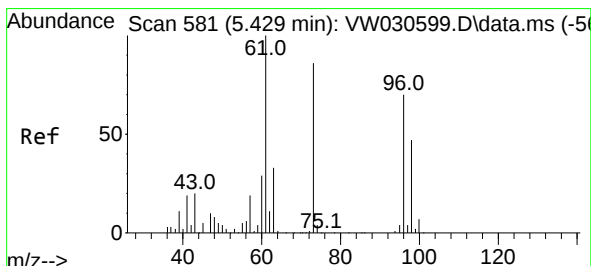
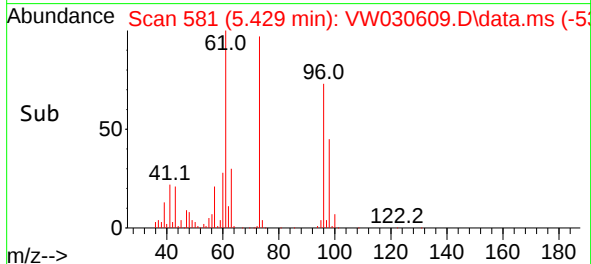
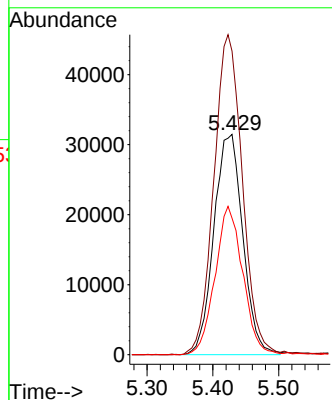
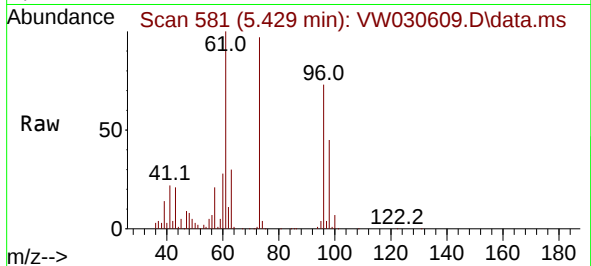




#17
trans-1,2-Dichloroethene
Concen: 24.632 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

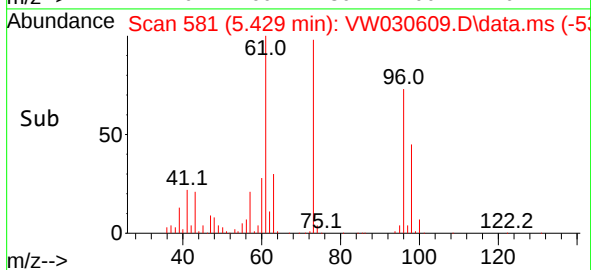
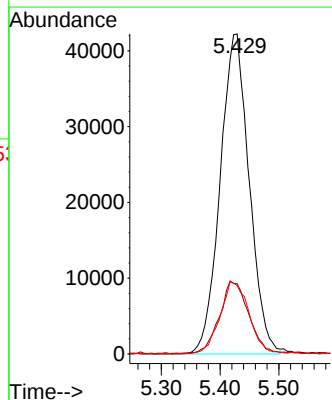
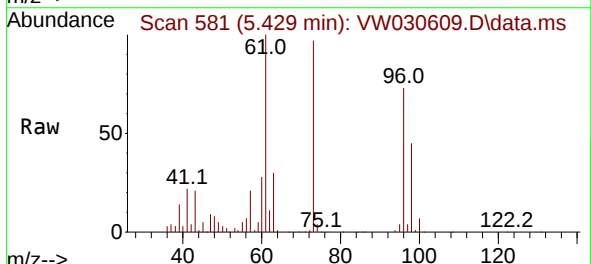
Instrument :
MSVOA_W
ClientSampleId :

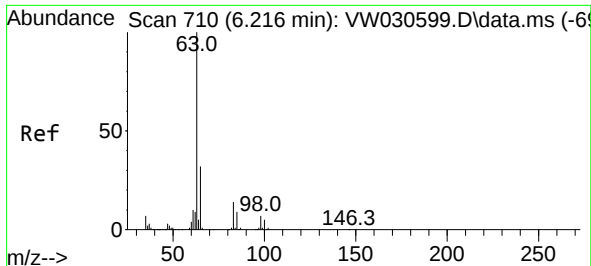
Tgt Ion: 96 Resp: 96485
Ion Ratio Lower Upper
96 100
61 137.7 96.9 179.9
98 62.0 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 26.465 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 73 Resp: 145087
Ion Ratio Lower Upper
73 100
43 22.4 18.1 27.1
57 22.6 17.7 26.5





#19

1,1-Dichloroethane

Concen: 26.679 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

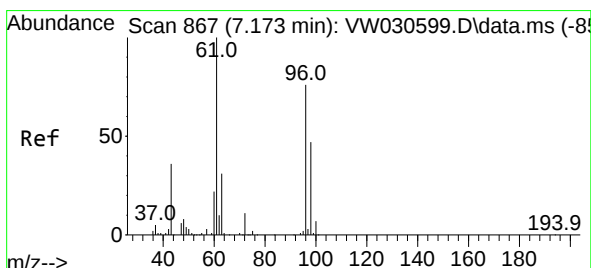
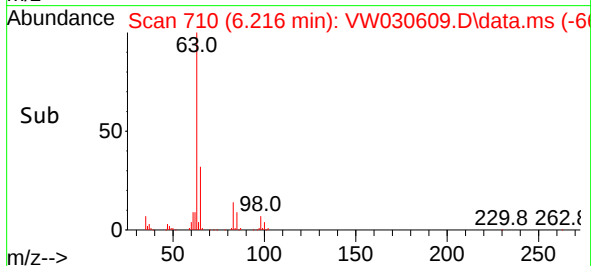
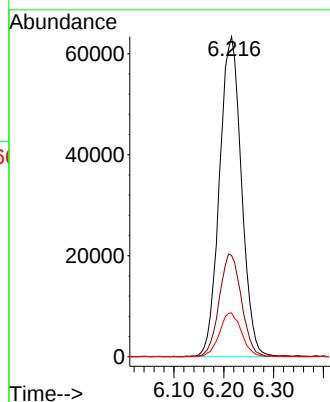
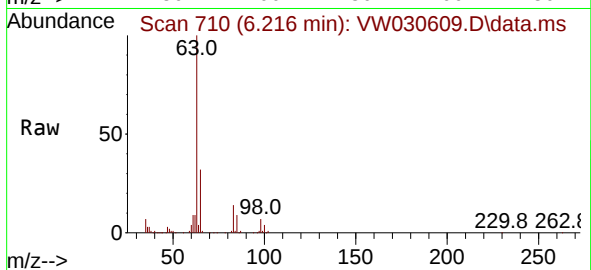
Tgt Ion: 63 Resp: 194232

Ion Ratio Lower Upper

63 100

65 31.7 22.5 41.9

83 13.7 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 26.238 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

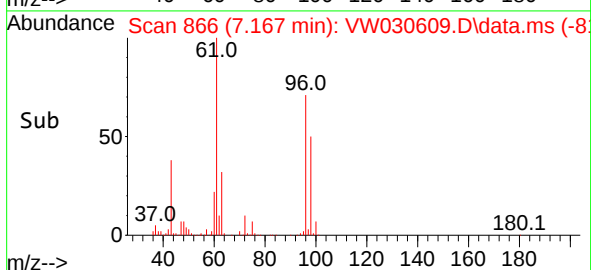
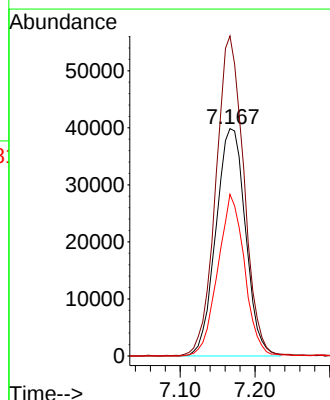
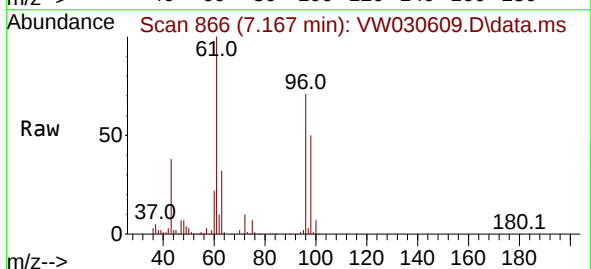
Tgt Ion: 96 Resp: 109625

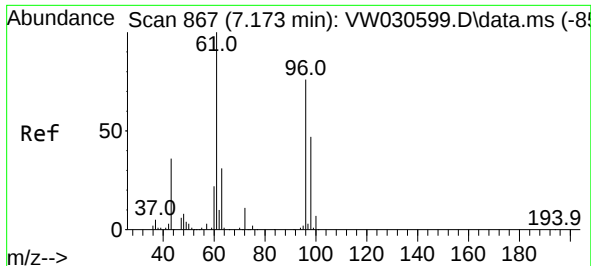
Ion Ratio Lower Upper

96 100

61 140.8 88.3 163.9

98 71.1 41.3 76.7

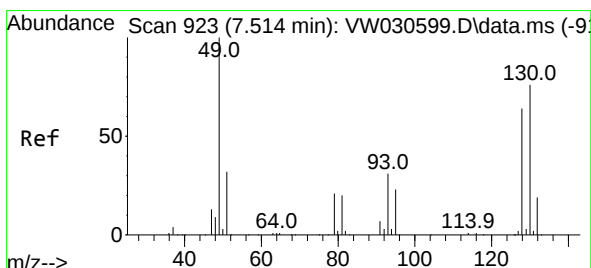
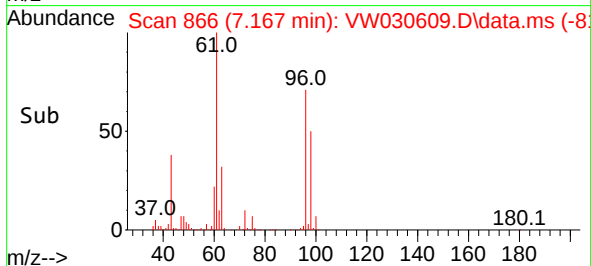
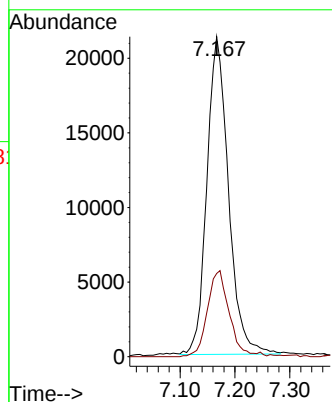
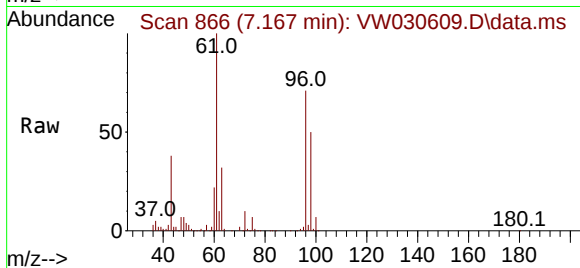




#22
2-Butanone
Concen: 48.207 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

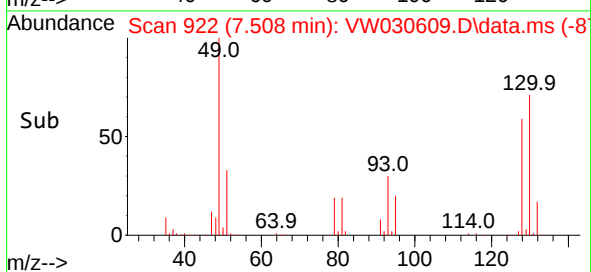
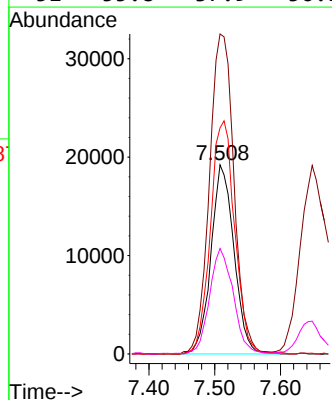
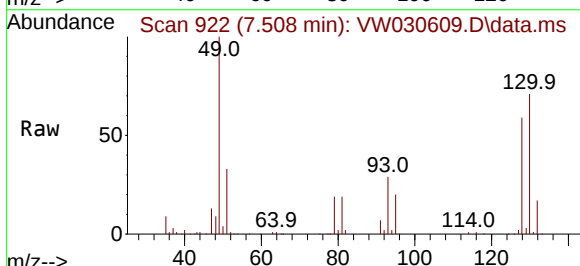
Instrument :
MSVOA_W
ClientSampleId :

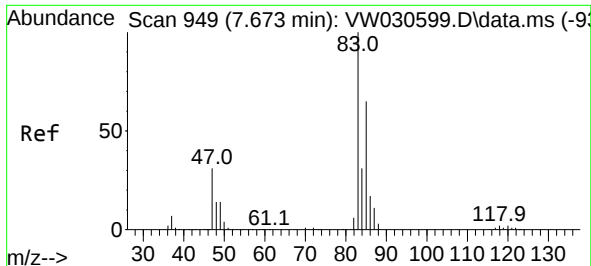
Tgt Ion: 43 Resp: 58227
Ion Ratio Lower Upper
43 100
72 27.1 14.4 43.0



#23
Bromochloromethane
Concen: 25.616 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 128 Resp: 46821
Ion Ratio Lower Upper
128 100
49 169.2 110.1 204.5
130 119.5 82.9 153.9
51 55.8 37.9 56.9

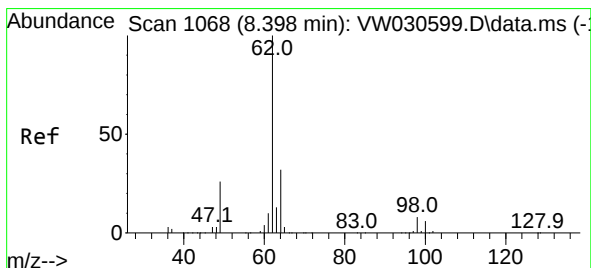
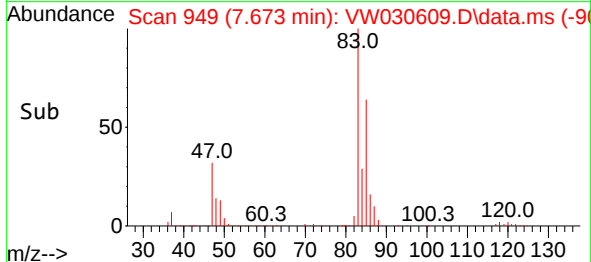
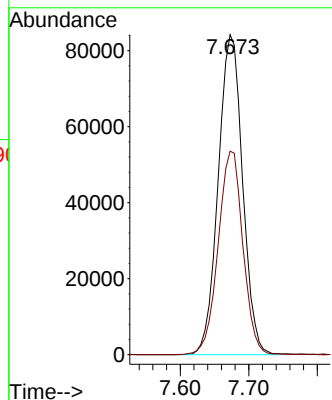
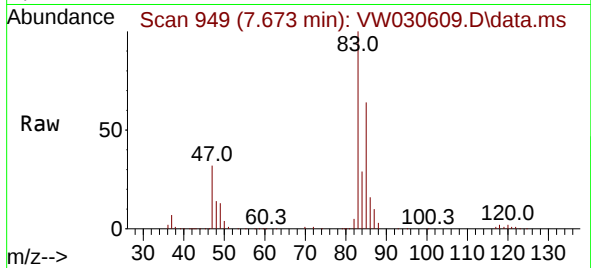




#25
Chloroform
Concen: 26.701 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

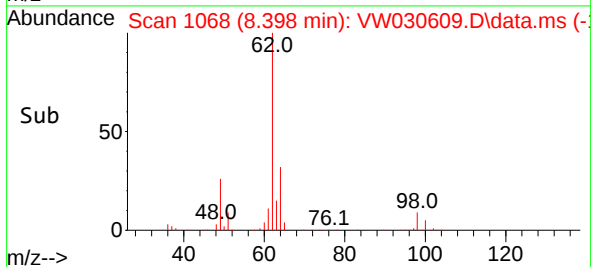
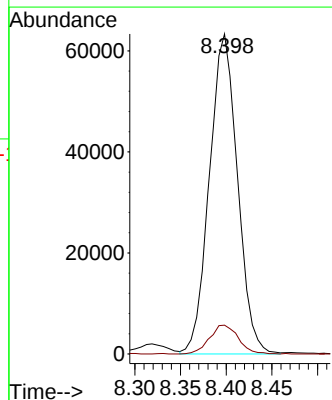
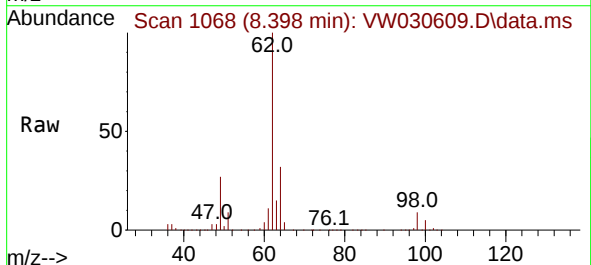
Instrument :
MSVOA_W
ClientSampleId :

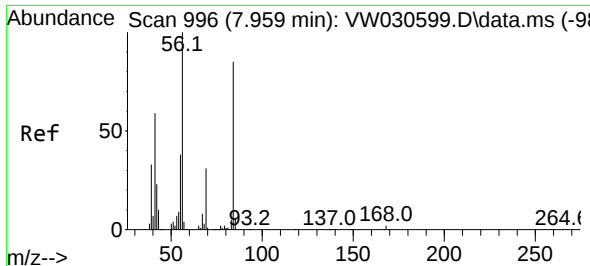
Tgt Ion: 83 Resp: 207735
Ion Ratio Lower Upper
83 100
85 63.6 45.1 83.7



#27
1,2-Dichloroethane
Concen: 26.431 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 62 Resp: 135658
Ion Ratio Lower Upper
62 100
98 9.0 7.0 10.6

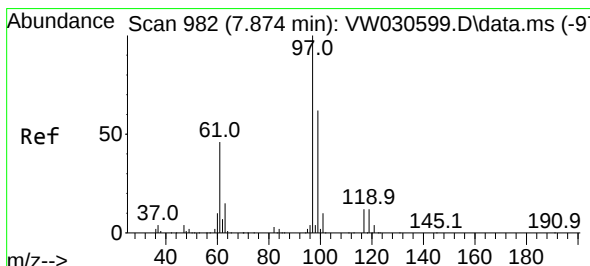
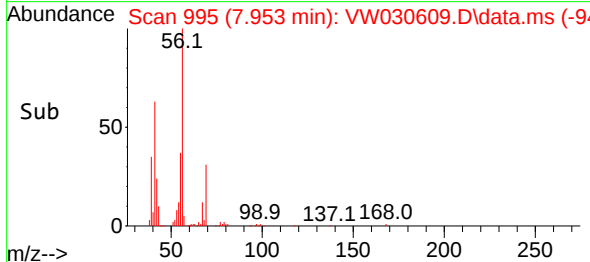
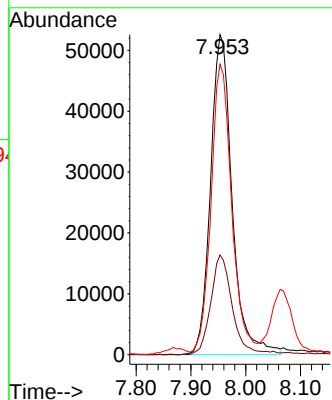
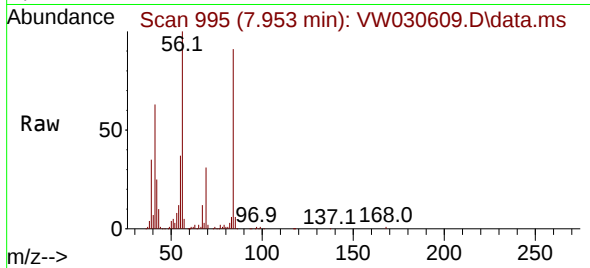




#29
Cyclohexane
Concen: 22.995 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

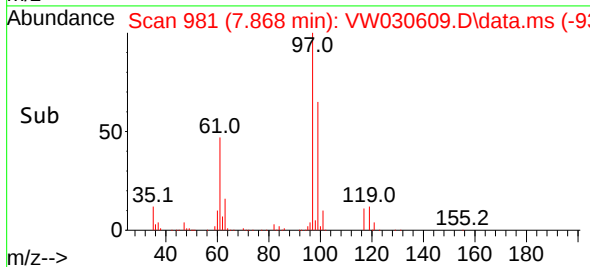
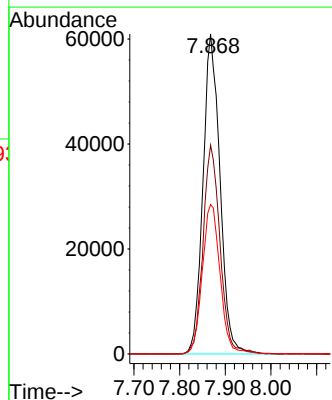
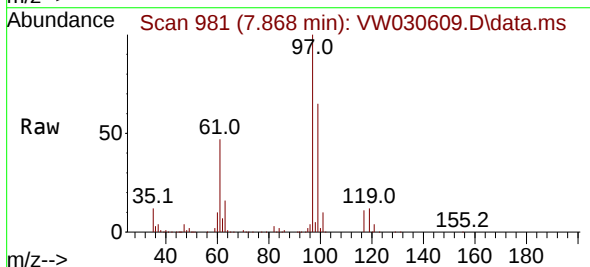
Instrument :
MSVOA_W
ClientSampleId :

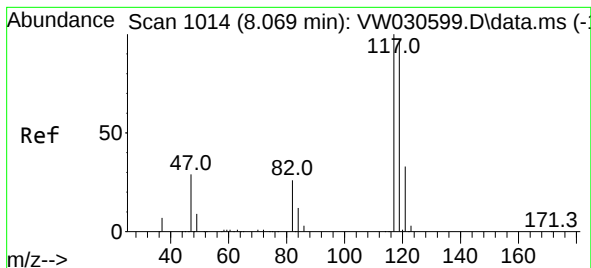
Tgt Ion: 56 Resp: 144018
Ion Ratio Lower Upper
56 100
69 30.4 25.4 38.0
84 86.8 72.3 108.5



#30
1,1,1-Trichloroethane
Concen: 23.107 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 97 Resp: 157819
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 48.9 38.5 57.7





#31

Carbon tetrachloride

Concen: 23.227 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

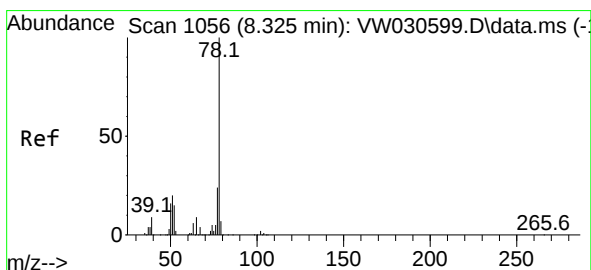
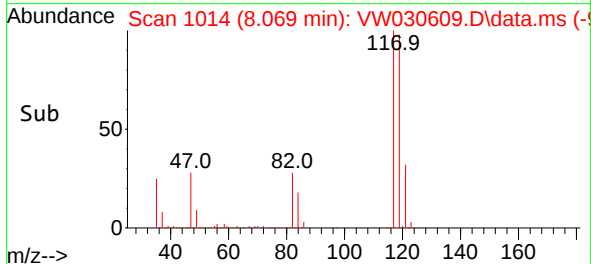
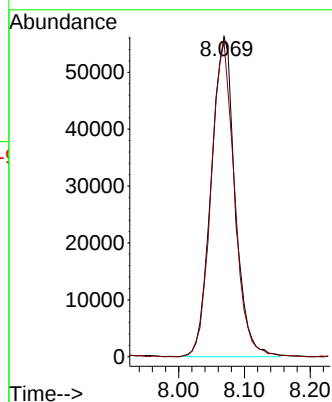
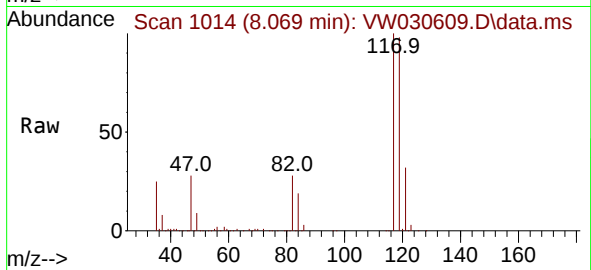
ClientSampleId :

Tgt Ion:117 Resp: 141688

Ion Ratio Lower Upper

117 100

119 96.6 77.8 116.8



#33

Benzene

Concen: 25.519 ug/L

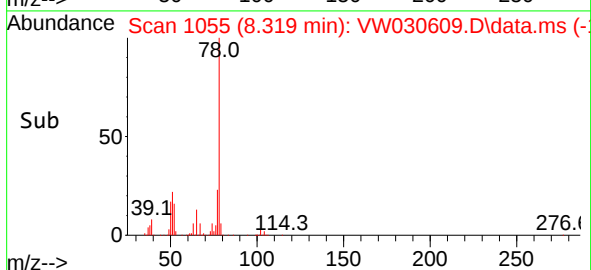
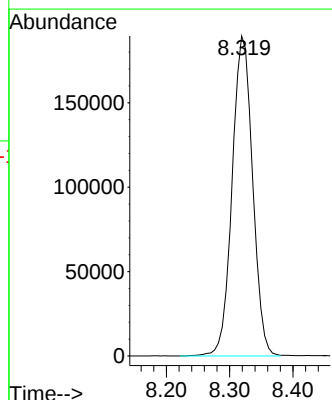
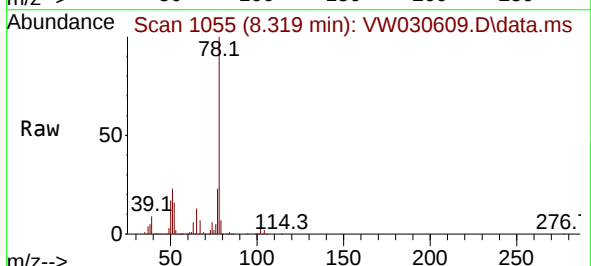
RT: 8.319 min Scan# 1055

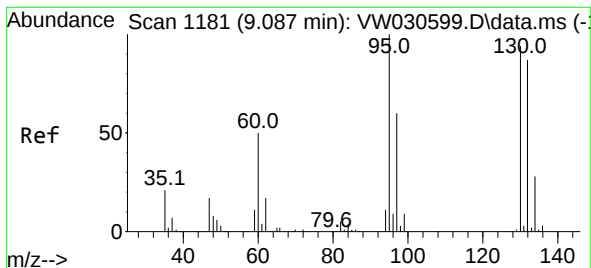
Delta R.T. -0.006 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Tgt Ion: 78 Resp: 427267





#34

Trichloroethene

Concen: 23.901 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 111330

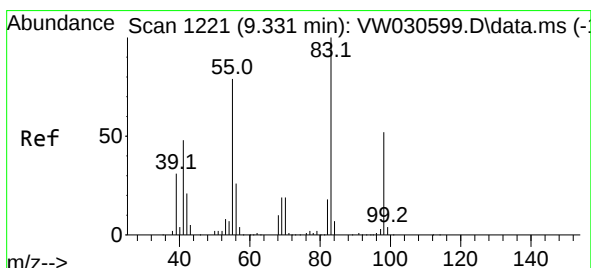
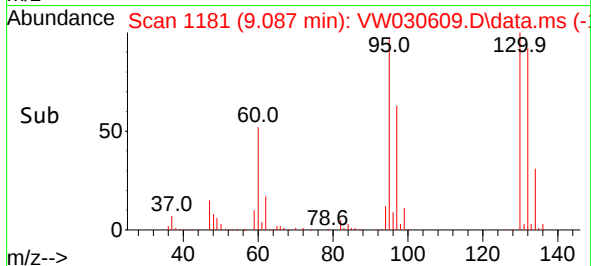
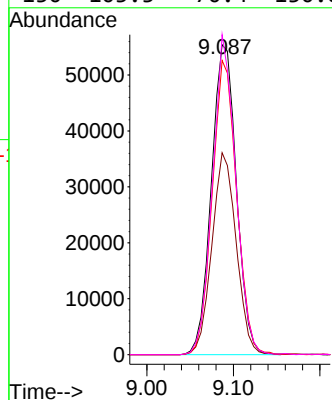
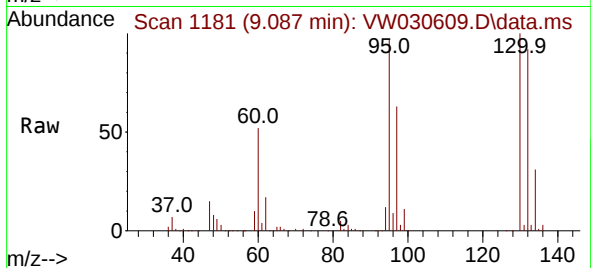
Ion Ratio Lower Upper

95 100

97 65.1 45.9 85.3

132 95.0 66.4 123.2

130 103.3 70.4 130.8



#35

Methylcyclohexane

Concen: 22.316 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

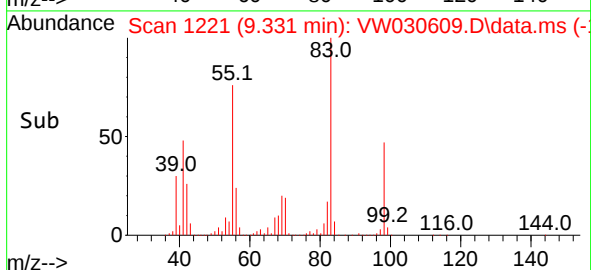
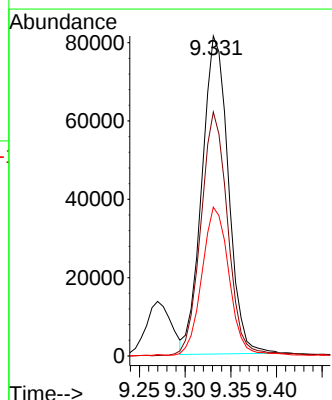
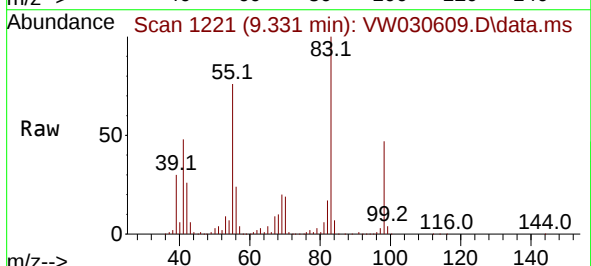
Tgt Ion: 83 Resp: 163593

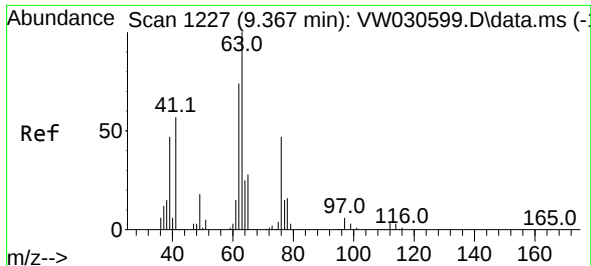
Ion Ratio Lower Upper

83 100

55 78.0 61.8 92.8

98 48.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 26.374 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

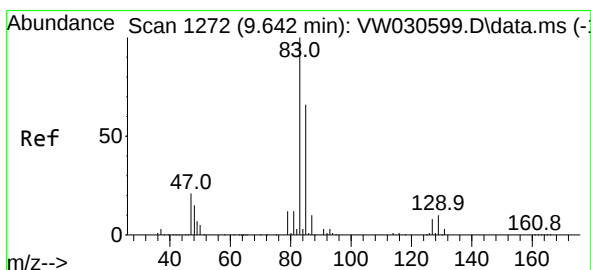
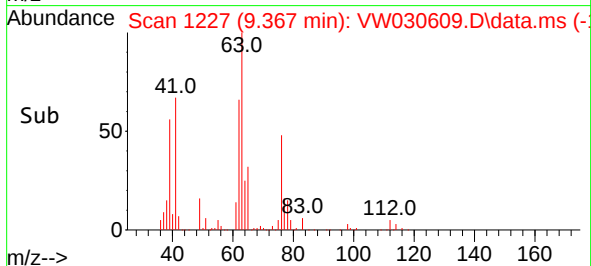
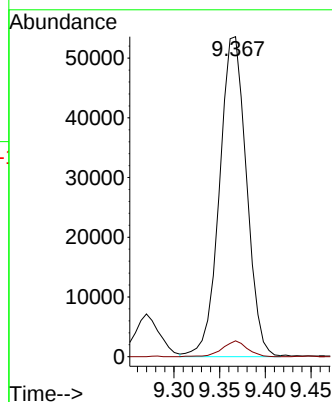
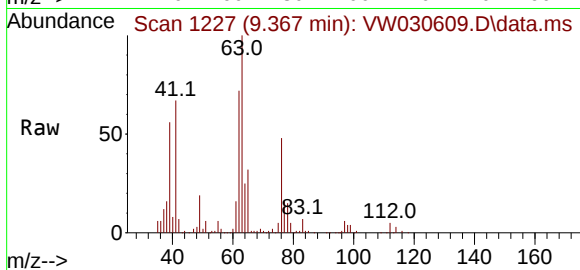
ClientSampleId :

Tgt Ion: 63 Resp: 110289

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 26.035 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

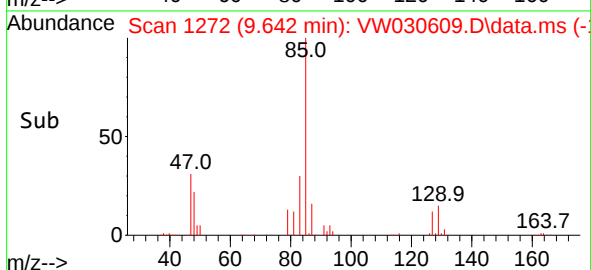
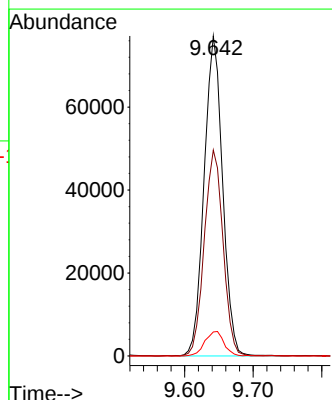
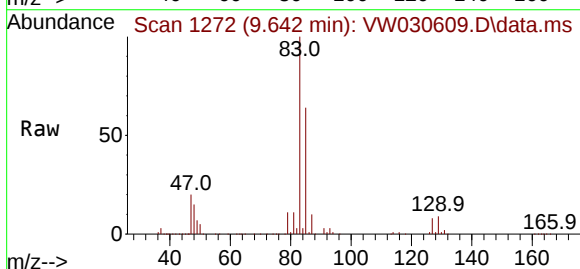
Tgt Ion: 83 Resp: 144848

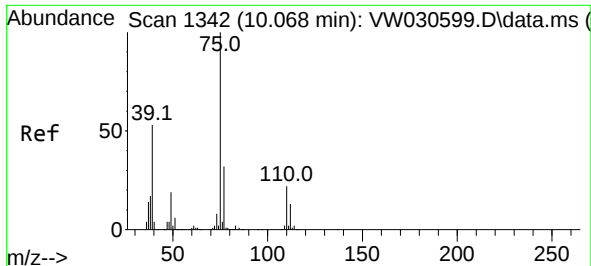
Ion Ratio Lower Upper

83 100

85 64.4 44.2 82.0

127 7.5 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 25.897 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

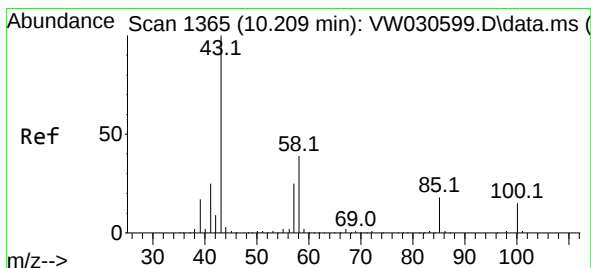
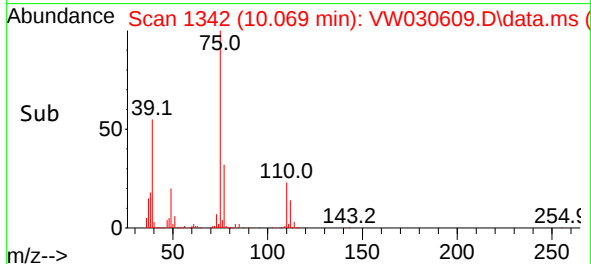
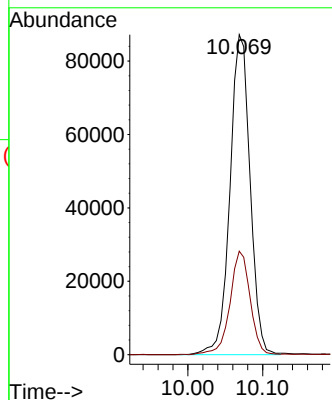
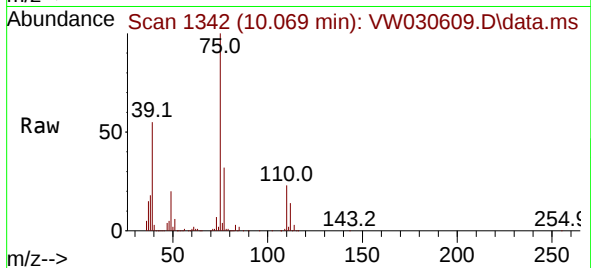
ClientSampleId :

Tgt Ion: 75 Resp: 163343

Ion Ratio Lower Upper

75 100

77 32.4 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 58.919 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

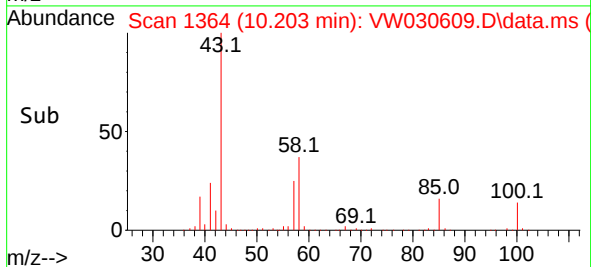
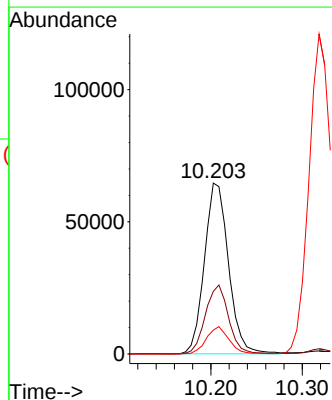
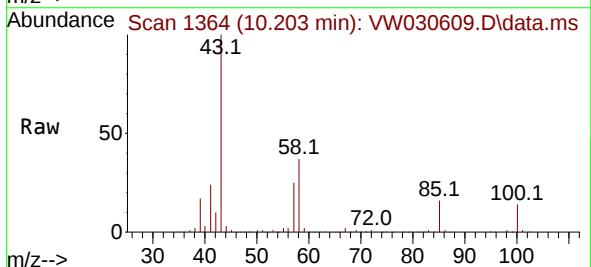
Tgt Ion: 43 Resp: 118362

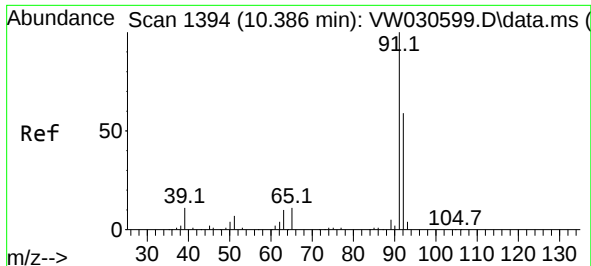
Ion Ratio Lower Upper

43 100

58 38.8 31.4 47.2

100 15.1 13.1 19.7

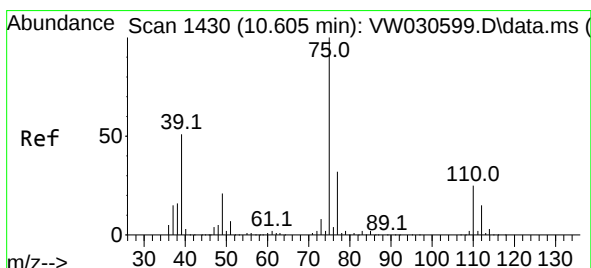
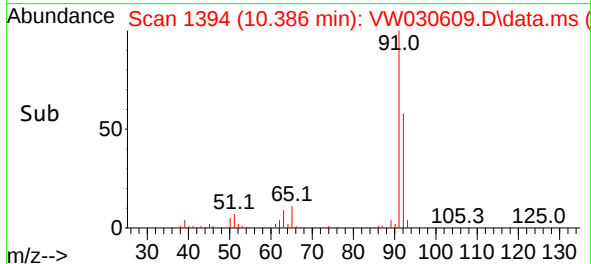
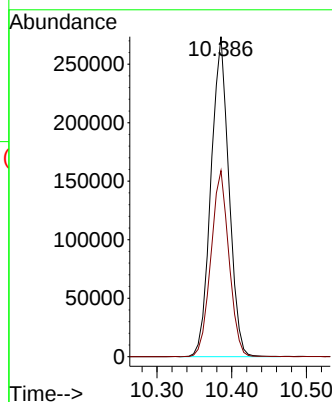
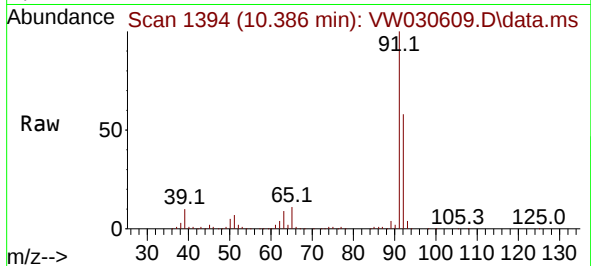




#42
Toluene
Concen: 25.477 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

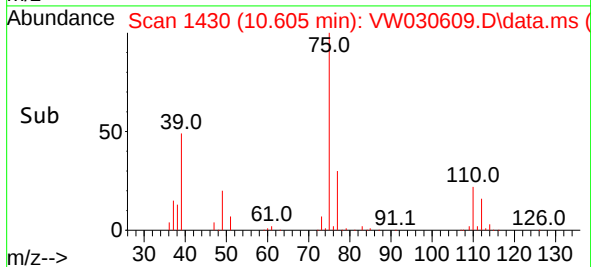
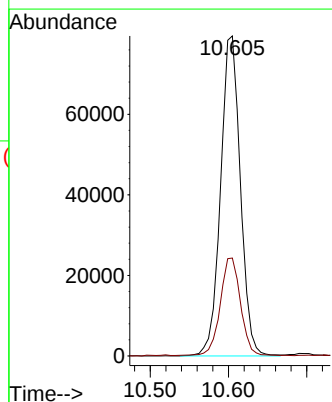
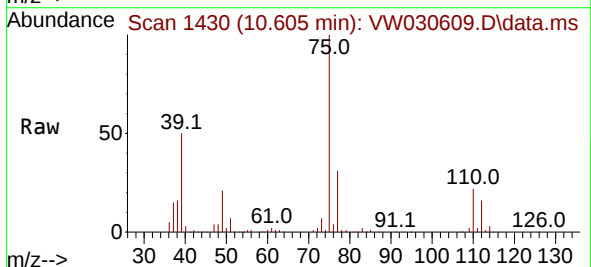
Instrument :
MSVOA_W
ClientSampleId :

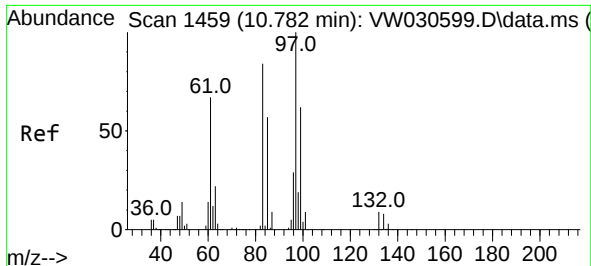
Tgt Ion: 91 Resp: 455085
Ion Ratio Lower Upper
91 100
92 58.2 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 26.386 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 75 Resp: 139854
Ion Ratio Lower Upper
75 100
77 30.6 21.6 40.2

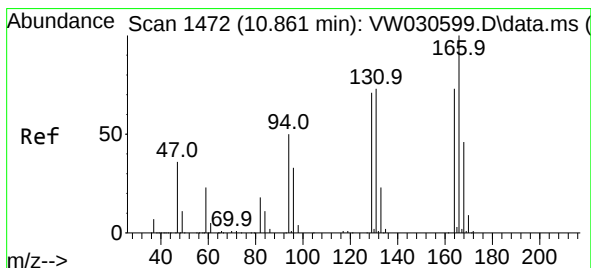
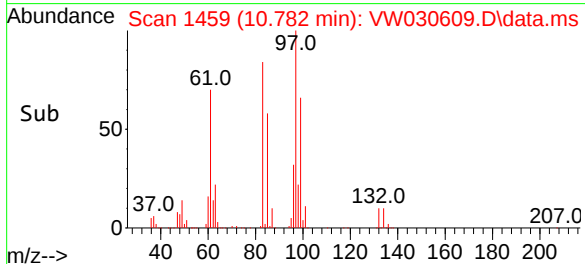
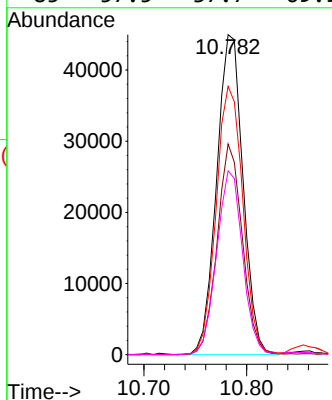
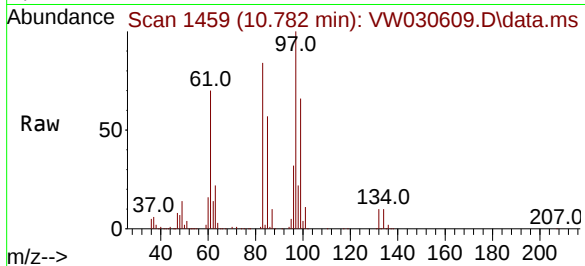




#45
1,1,2-Trichloroethane
Concen: 26.533 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

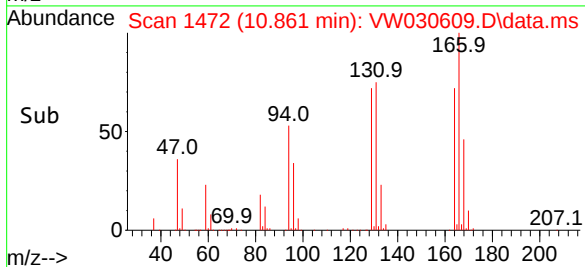
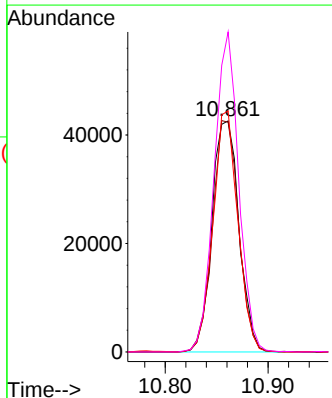
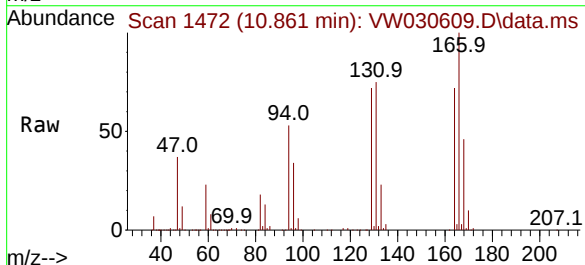
Instrument :
MSVOA_W
ClientSampleId :

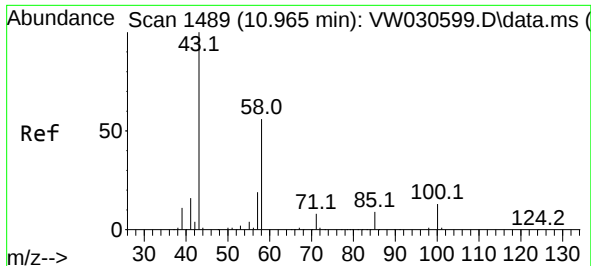
Tgt Ion:	97	Resp:	80188
Ion	Ratio	Lower	Upper
97	100		
99	65.8	41.2	76.6
83	83.8	59.6	110.6
85	57.5	37.7	69.9



#46
Tetrachloroethene
Concen: 22.614 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion:	164	Resp:	77690
Ion	Ratio	Lower	Upper
164	100		
129	99.4	66.6	123.6
131	104.4	63.7	118.3
166	138.5	88.7	164.7

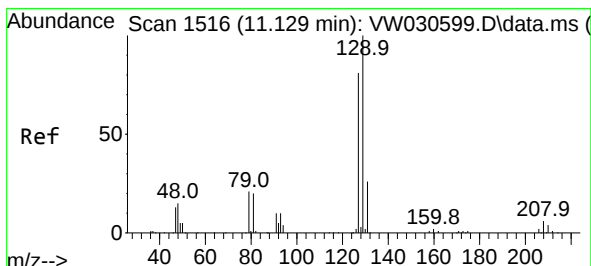
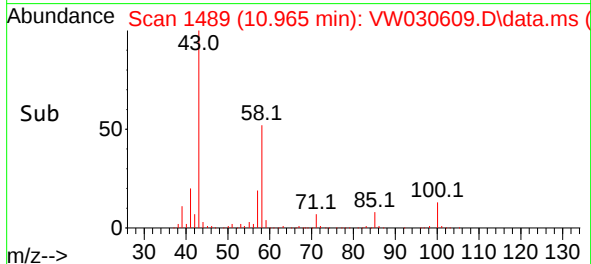
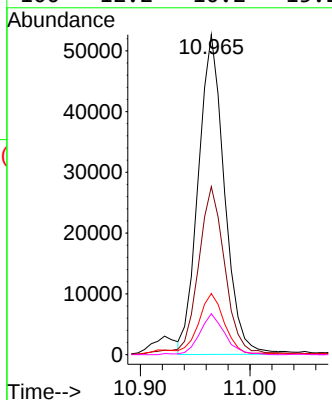
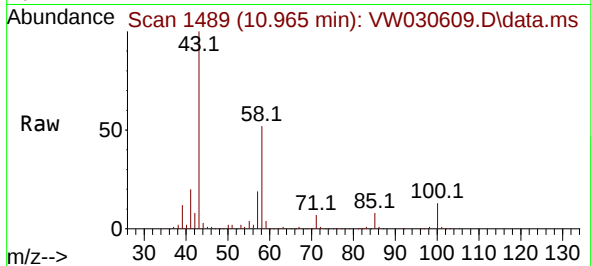




#48
2-Hexanone
Concen: 53.042 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

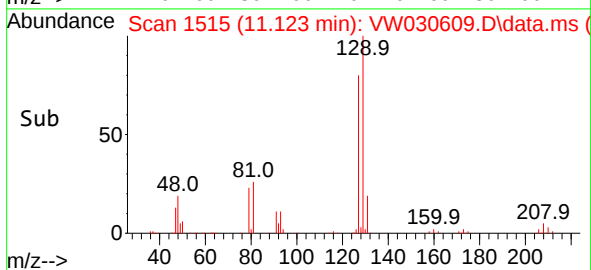
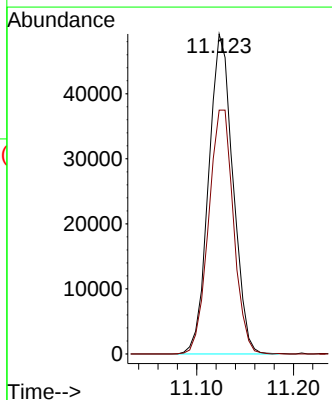
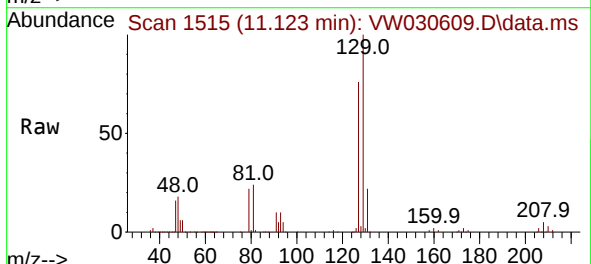
Instrument :
MSVOA_W
ClientSampleId :

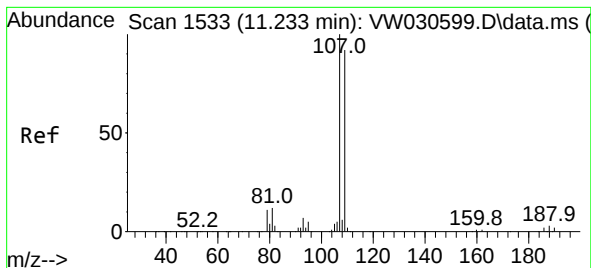
Tgt Ion: 43 Resp: 87139
Ion Ratio Lower Upper
43 100
58 52.5 44.6 67.0
57 18.8 15.8 23.8
100 12.2 10.2 15.2



#49
Dibromochloromethane
Concen: 25.487 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 129 Resp: 85947
Ion Ratio Lower Upper
129 100
127 76.2 56.5 104.9

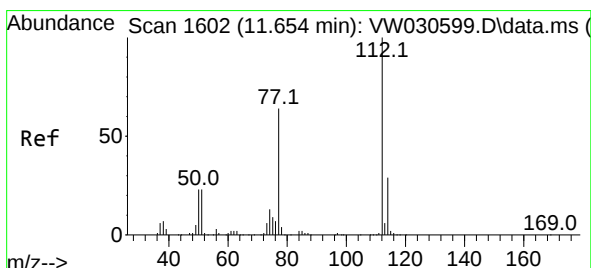
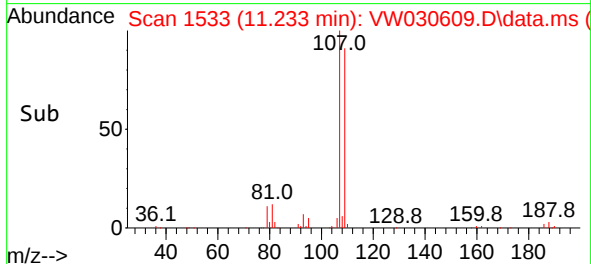
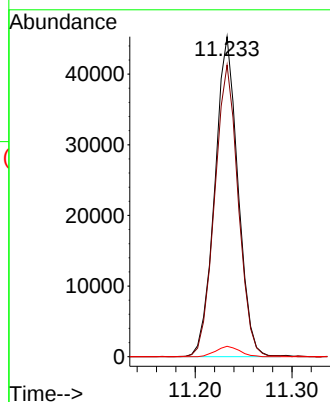
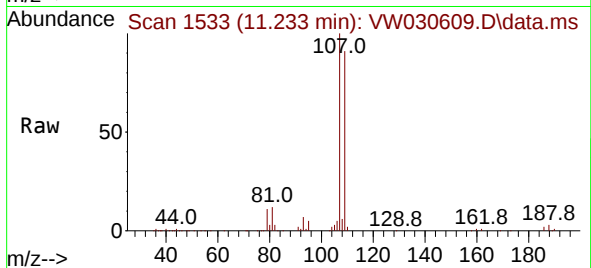




#50
1,2-Dibromoethane
Concen: 26.760 ug/L
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

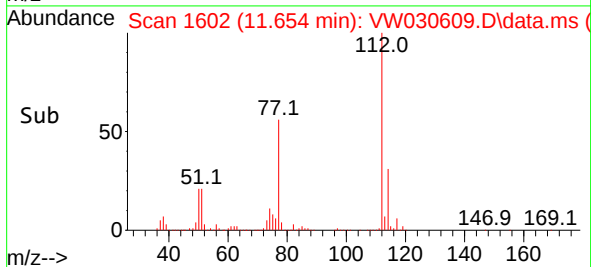
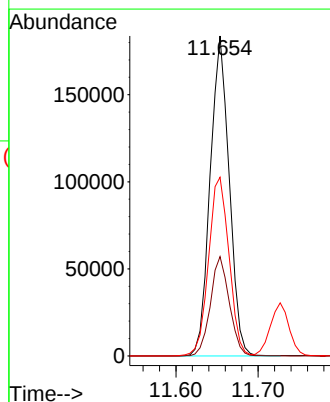
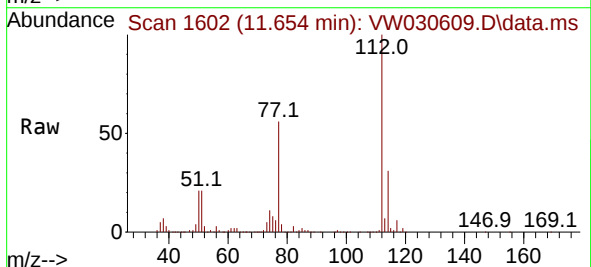
Instrument :
MSVOA_W
ClientSampleId :

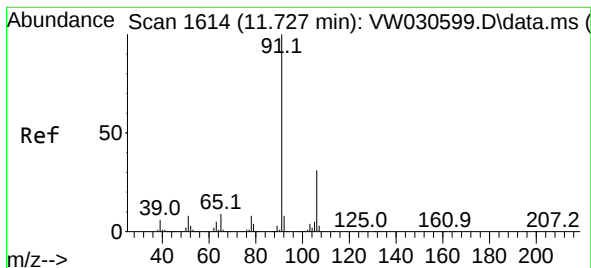
Tgt Ion:107 Resp: 75463
Ion Ratio Lower Upper
107 100
109 91.2 63.8 118.6
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 25.717 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion:112 Resp: 295705
Ion Ratio Lower Upper
112 100
114 31.0 22.4 41.6
77 55.8 47.1 70.7

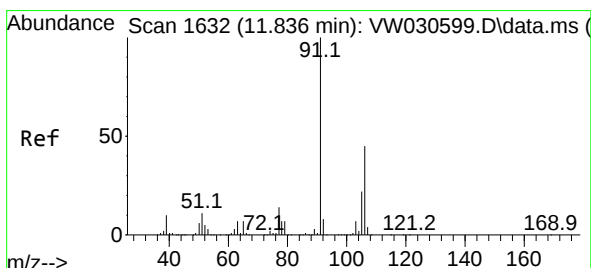
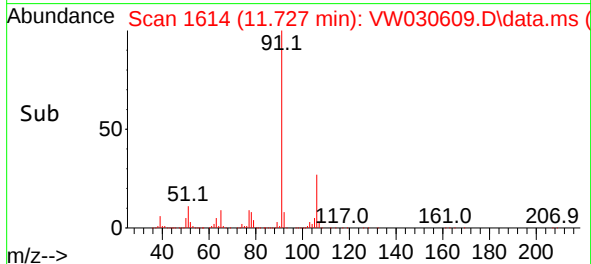
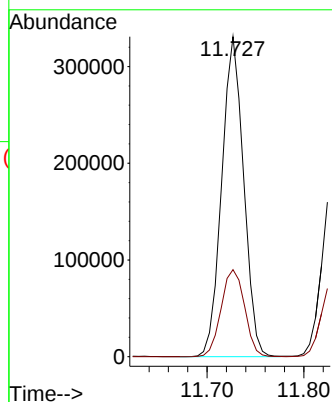
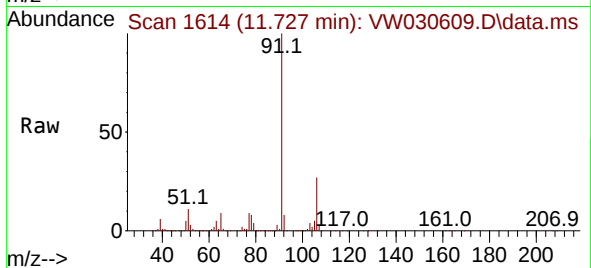




#52
Ethylbenzene
Concen: 25.540 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

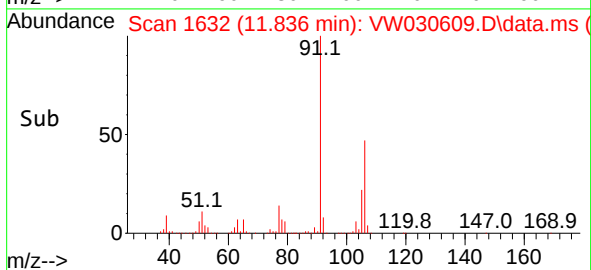
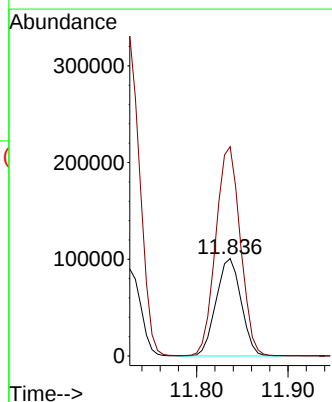
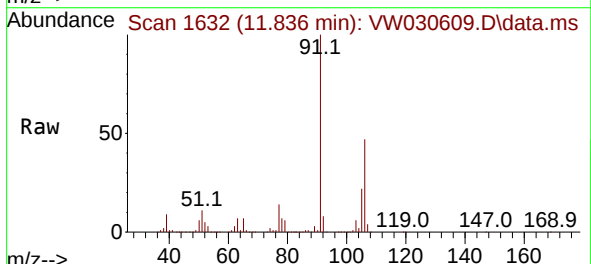
Instrument :
MSVOA_W
ClientSampleId :

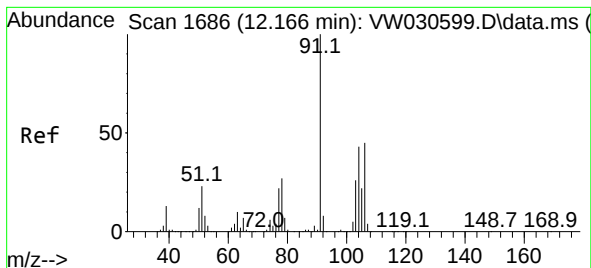
Tgt Ion: 91 Resp: 520554
Ion Ratio Lower Upper
91 100
106 27.2 21.1 39.1



#53
m,p-Xylene
Concen: 25.114 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 106 Resp: 191770
Ion Ratio Lower Upper
106 100
91 215.0 140.6 261.2

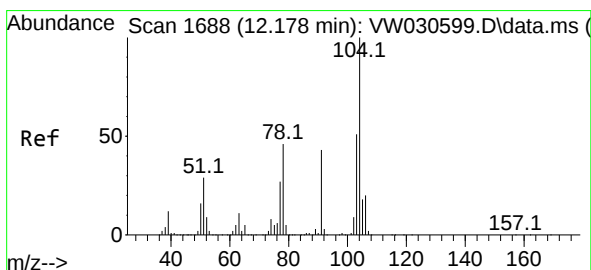
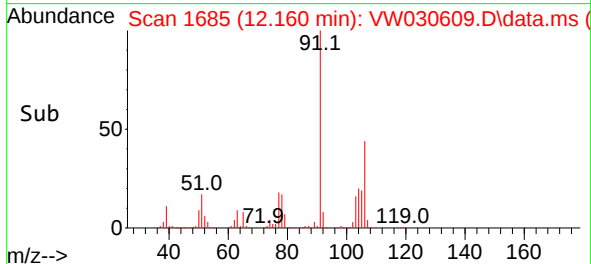
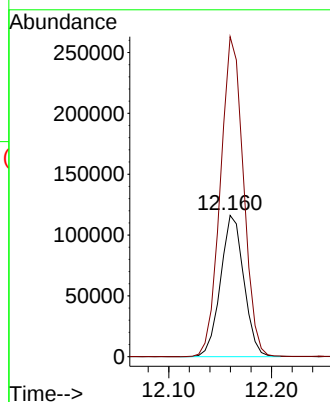
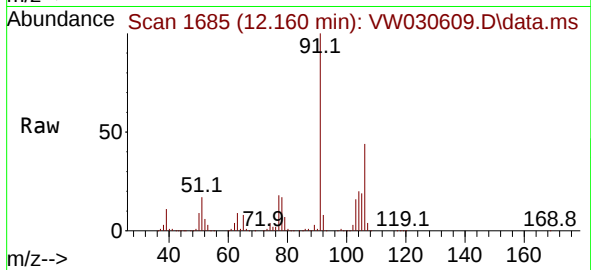




#54
o-Xylene
Concen: 25.893 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

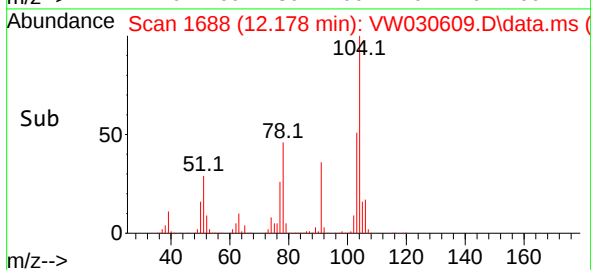
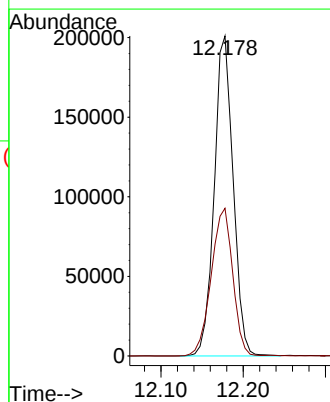
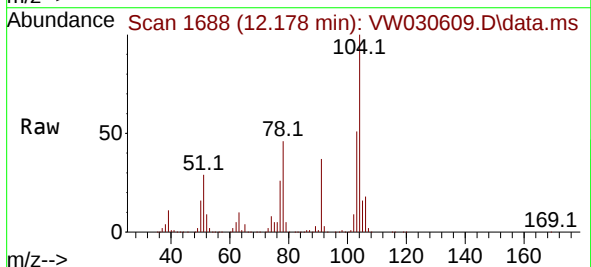
Instrument :
MSVOA_W
ClientSampleId :

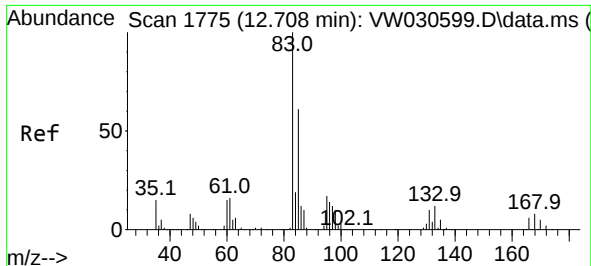
Tgt Ion:106 Resp: 182795
Ion Ratio Lower Upper
106 100
91 226.5 144.5 268.4



#55
Styrene
Concen: 26.643 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion:104 Resp: 321540
Ion Ratio Lower Upper
104 100
78 46.2 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 28.071 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW030609.D

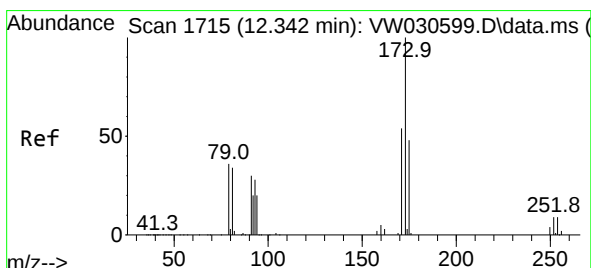
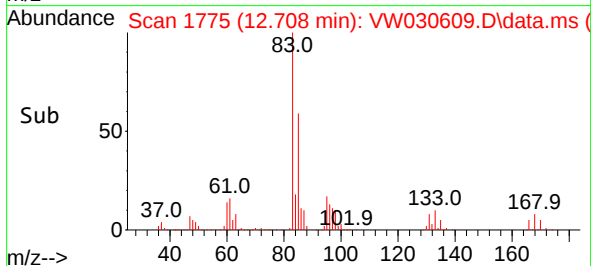
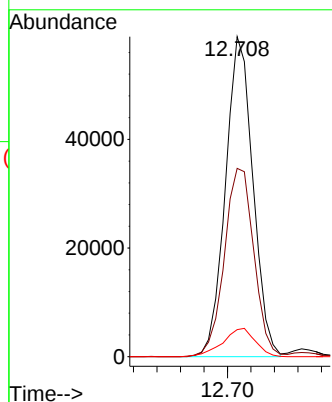
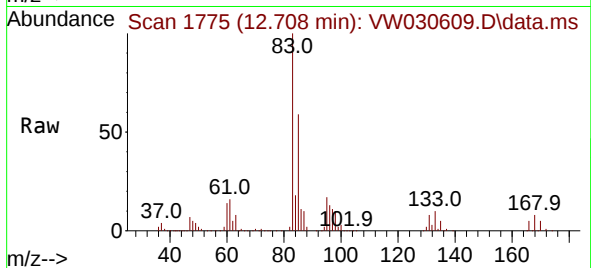
Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	95668
Ion Ratio	Lower	Upper	
83	100		
85	58.8	42.6	79.2
131	8.5	7.4	11.0



#59

Bromoform

Concen: 25.676 ug/L

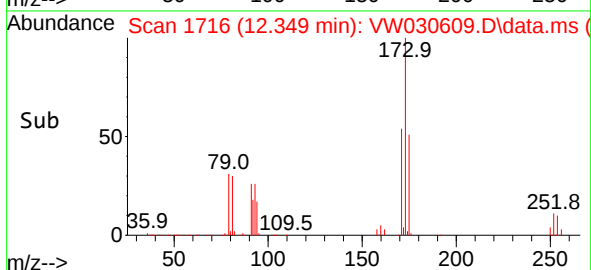
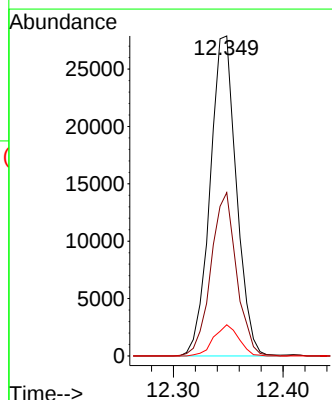
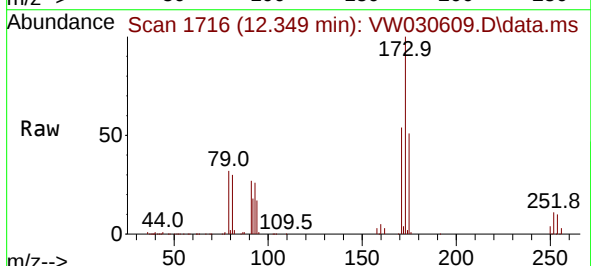
RT: 12.349 min Scan# 1716

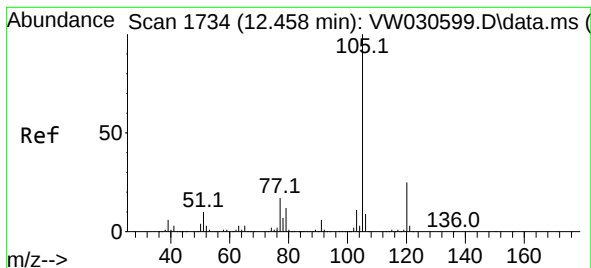
Delta R.T. 0.006 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Tgt Ion:	173	Resp:	46597
Ion Ratio	Lower	Upper	
173	100		
175	49.5	39.0	58.4
254	9.2	7.7	11.5





#60

Isopropylbenzene

Concen: 24.851 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

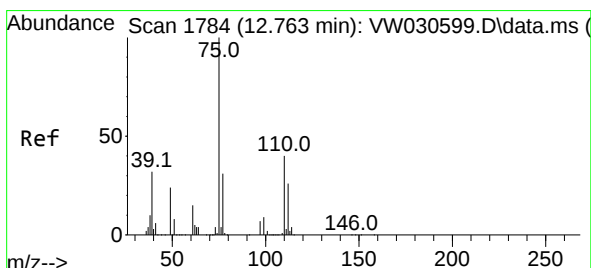
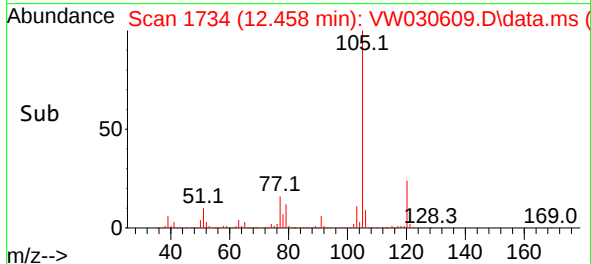
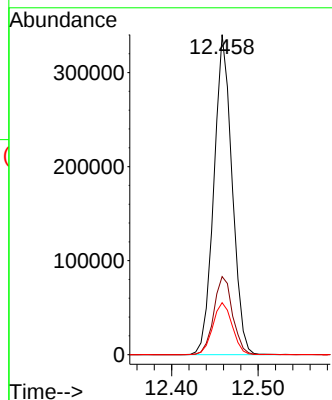
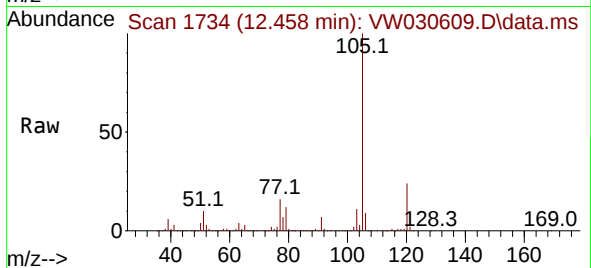
Tgt Ion:105 Resp: 497093

Ion Ratio Lower Upper

105 100

120 25.2 20.6 31.0

77 17.4 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 26.796 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

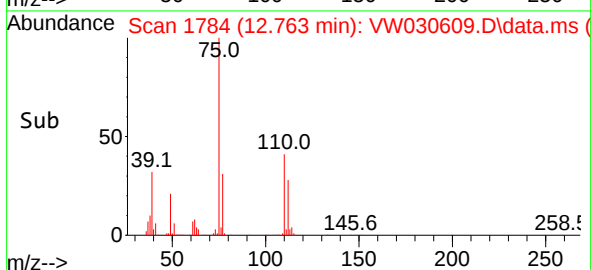
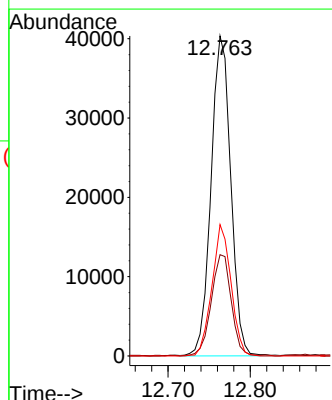
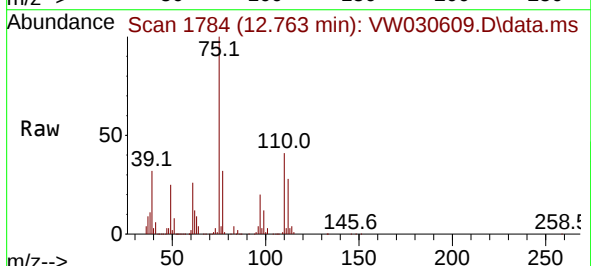
Tgt Ion: 75 Resp: 67350

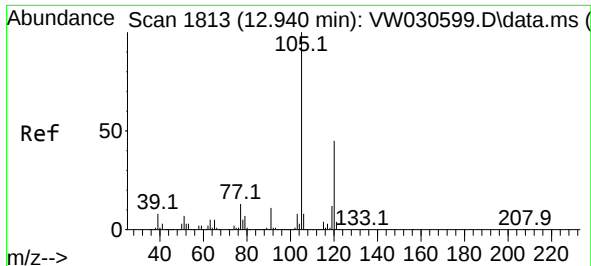
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 39.5 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 25.746 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

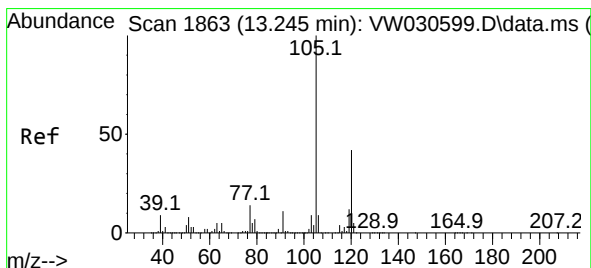
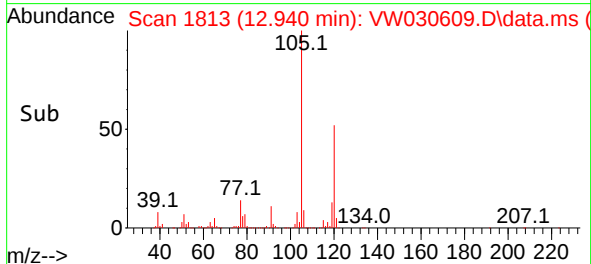
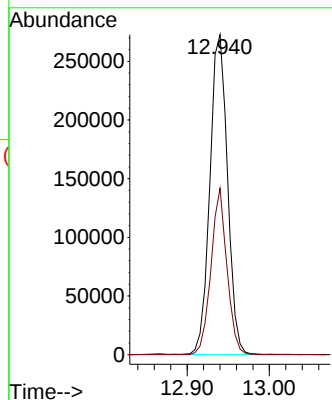
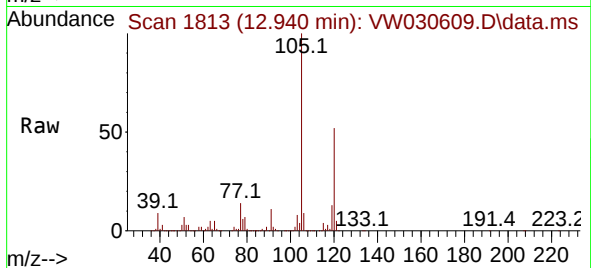
ClientSampleId :

Tgt Ion:105 Resp: 406304

Ion Ratio Lower Upper

105 100

120 46.8 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 26.465 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030609.D

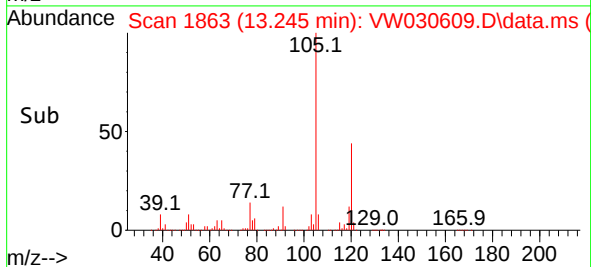
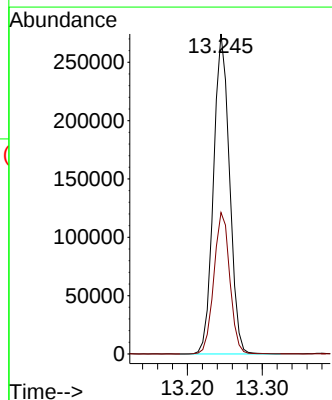
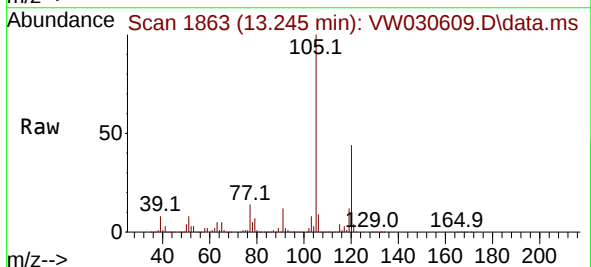
Acq: 15 Oct 2024 15:59

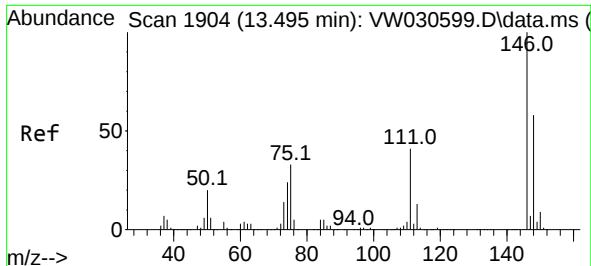
Tgt Ion:105 Resp: 408927

Ion Ratio Lower Upper

105 100

120 44.0 35.8 53.6

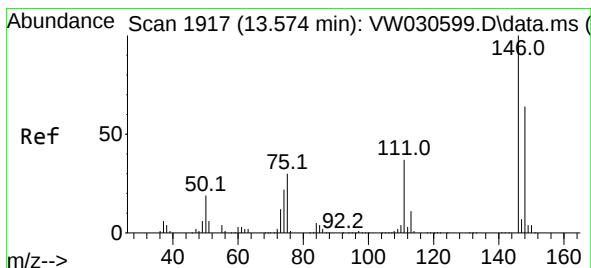
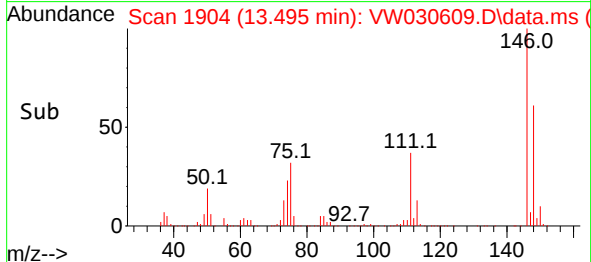
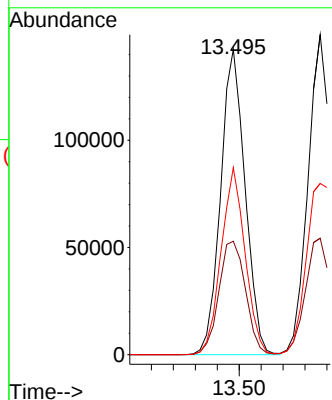
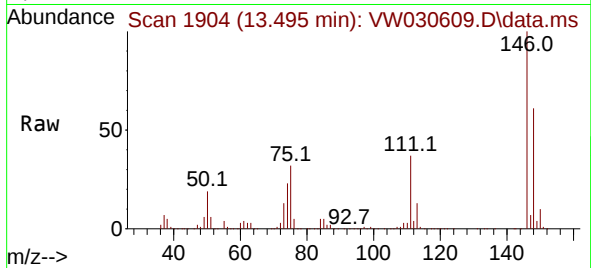




#64
1,3-Dichlorobenzene
Concen: 25.370 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

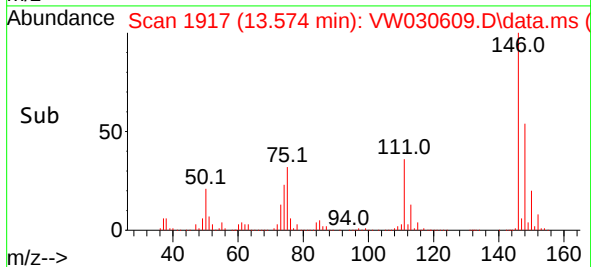
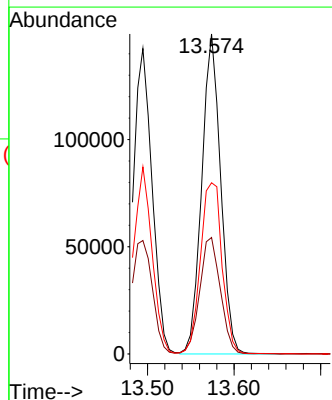
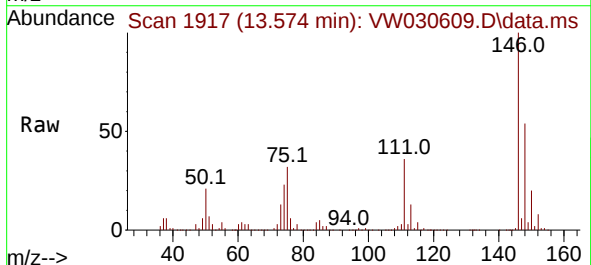
Instrument :
MSVOA_W
ClientSampleId :

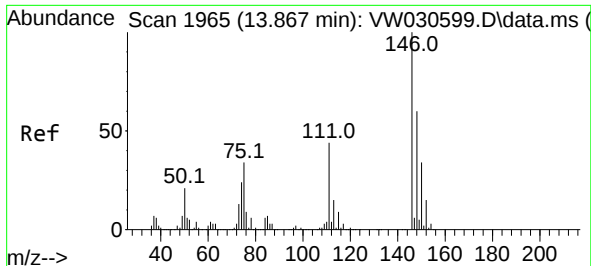
Tgt Ion:146 Resp: 220897
Ion Ratio Lower Upper
146 100
111 37.1 31.2 58.0
148 61.2 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 25.147 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion:146 Resp: 226083
Ion Ratio Lower Upper
146 100
111 36.4 26.8 49.8
148 53.5 41.0 76.2

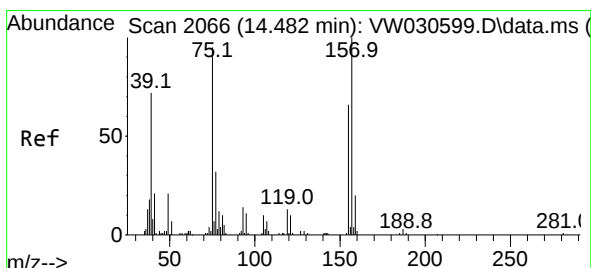
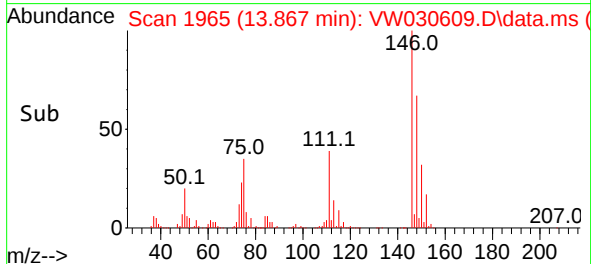
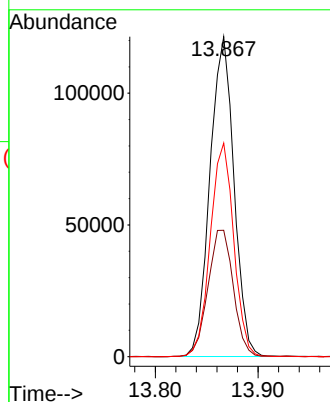
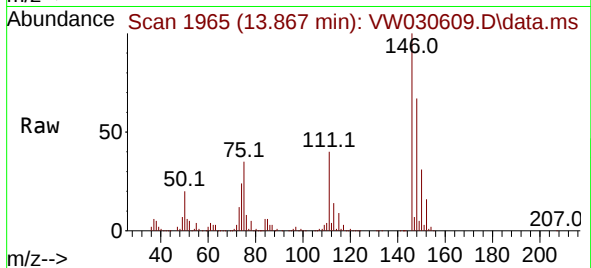




#67
1,2-Dichlorobenzene
Concen: 25.725 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

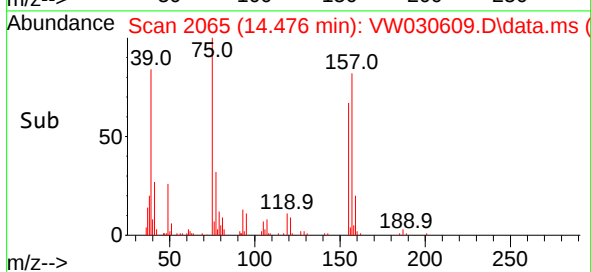
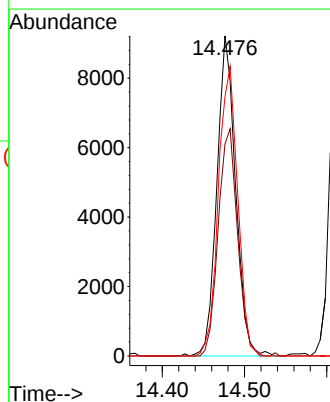
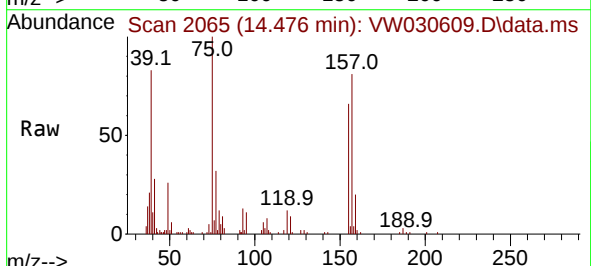
Instrument :
MSVOA_W
ClientSampleId :

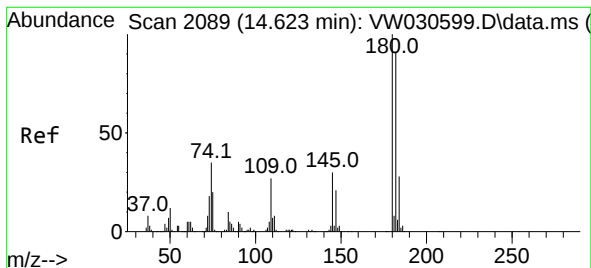
Tgt Ion:146 Resp: 197100
Ion Ratio Lower Upper
146 100
111 39.5 34.6 52.0
148 66.8 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 26.053 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030609.D
Acq: 15 Oct 2024 15:59

Tgt Ion: 75 Resp: 14601
Ion Ratio Lower Upper
75 100
155 66.2 57.9 86.9
157 81.1 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 25.182 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 144584

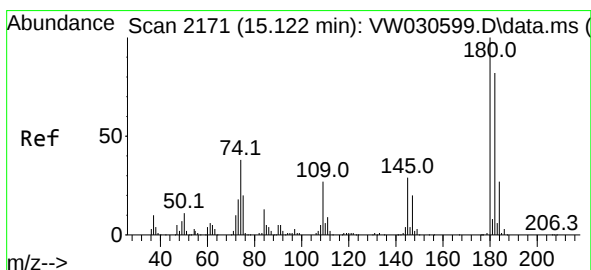
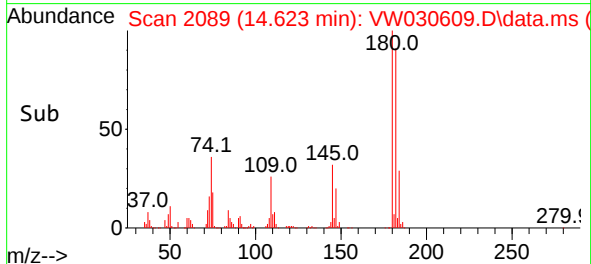
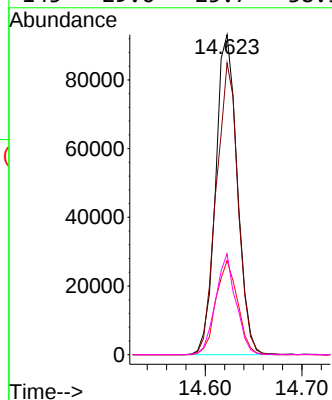
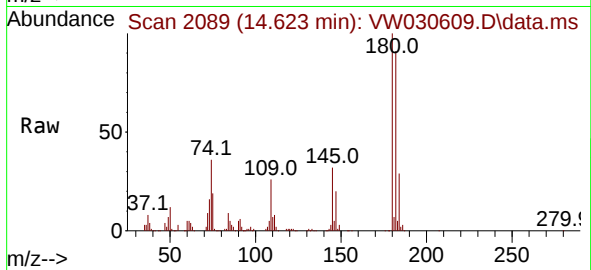
Ion Ratio Lower Upper

180 100

182 91.6 79.9 119.9

184 29.5 25.2 37.8

145 29.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.612 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

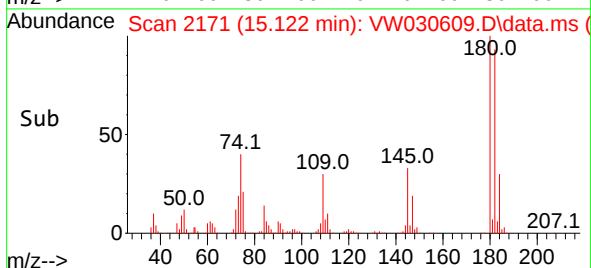
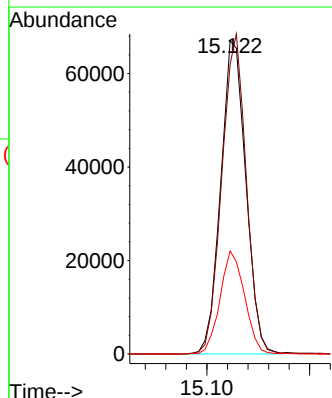
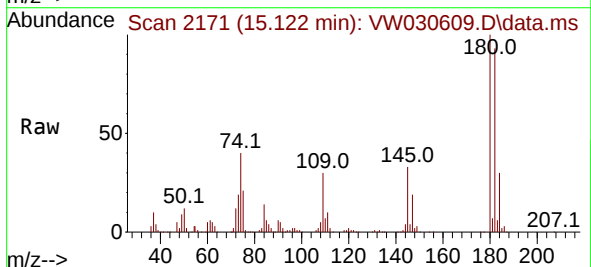
Tgt Ion:180 Resp: 113760

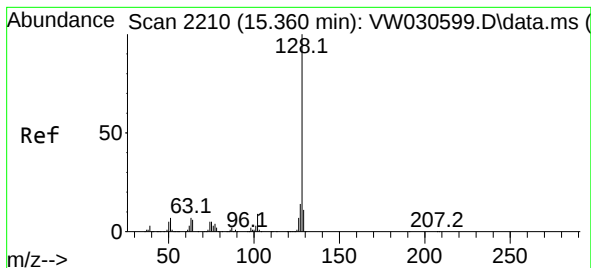
Ion Ratio Lower Upper

180 100

182 99.1 75.2 112.8

145 32.1 25.4 38.2





#71

Naphthalene

Concen: 27.931 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

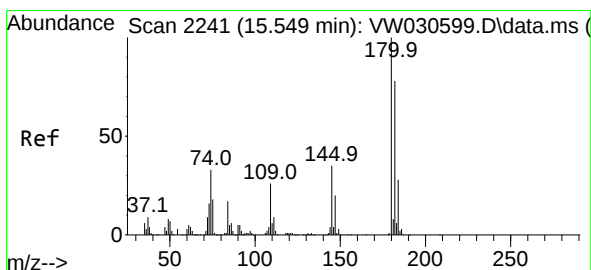
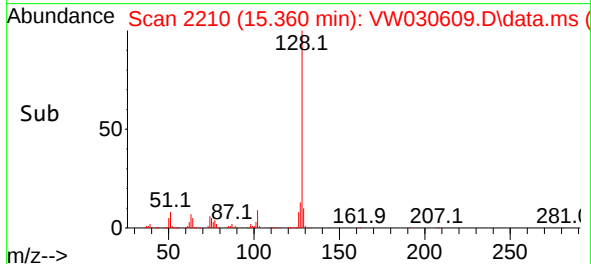
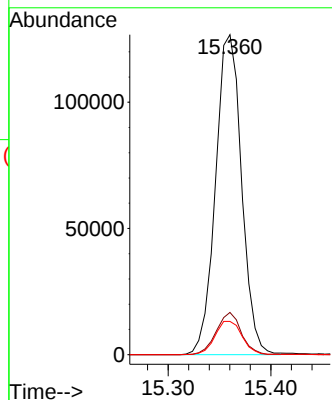
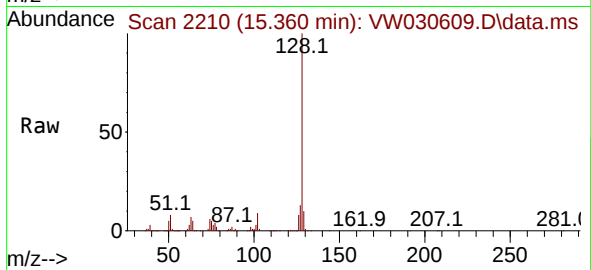
Tgt Ion:128 Resp: 223047

Ion Ratio Lower Upper

128 100

127 12.7 10.9 16.3

129 11.0 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 26.215 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030609.D

Acq: 15 Oct 2024 15:59

Tgt Ion:180 Resp: 105045

Ion Ratio Lower Upper

180 100

182 91.5 76.2 114.4

145 33.2 27.4 41.2

