

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112524\
 Data File : VW031103.D
 Acq On : 25 Nov 2024 09:49
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 26 04:58:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM112024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 22 22:09:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	449302	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	398327	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	201219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	131790	24.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.240%
7) Chloroethane-d5	2.899	69	104896	24.264	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.040%
11) 1,1-Dichloroethene-d2	4.021	65	60677	22.419	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.680%
21) 2-Butanone-d5	7.075	46	44898	35.601	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.200%
24) Chloroform-d	7.648	84	274291	22.474	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	8.307	65	127781	21.428	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.720%
32) Benzene-d6	8.276	84	548837	24.331	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.320%
36) 1,2-Dichloropropane-d6	9.270	67	157843	23.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.319	98	512488	24.938	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.760%
43) trans-1,3-Dichloroprop...	10.575	79	61475	22.201	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.800%
47) 2-Hexanone-d5	10.922	63	34595	36.189	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.380%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103202	20.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	158389	22.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	129787	24.366	ug/L	98
3) Chloromethane	2.222	50	153463	23.435	ug/L	98
5) Vinyl chloride	2.375	62	186890	27.677	ug/L	99
6) Bromomethane	2.789	94	121245	25.715	ug/L	93
8) Chloroethane	2.936	64	111091	27.429	ug/L	99
9) Trichlorofluoromethane	3.271	101	208363	22.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	158575	25.093	ug/L	98
12) 1,1-Dichloroethene	4.039	96	156900	25.483	ug/L	90
13) Acetone	4.118	43	85785	45.826	ug/L	99
14) Carbon disulfide	4.387	76	521861	26.150	ug/L	98
15) Methyl Acetate	4.673	43	48906	20.127	ug/L	99
16) Methylene chloride	4.917	84	157663	24.512	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	167430	25.069	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	217014	22.549	ug/L	100
19) 1,1-Dichloroethane	6.216	63	298505	25.505	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	176177	25.002	ug/L	98
22) 2-Butanone	7.167	43	85992	42.478	ug/L	99
23) Bromochloromethane	7.514	128	75724	23.984	ug/L	93
25) Chloroform	7.679	83	308596	25.225	ug/L	99

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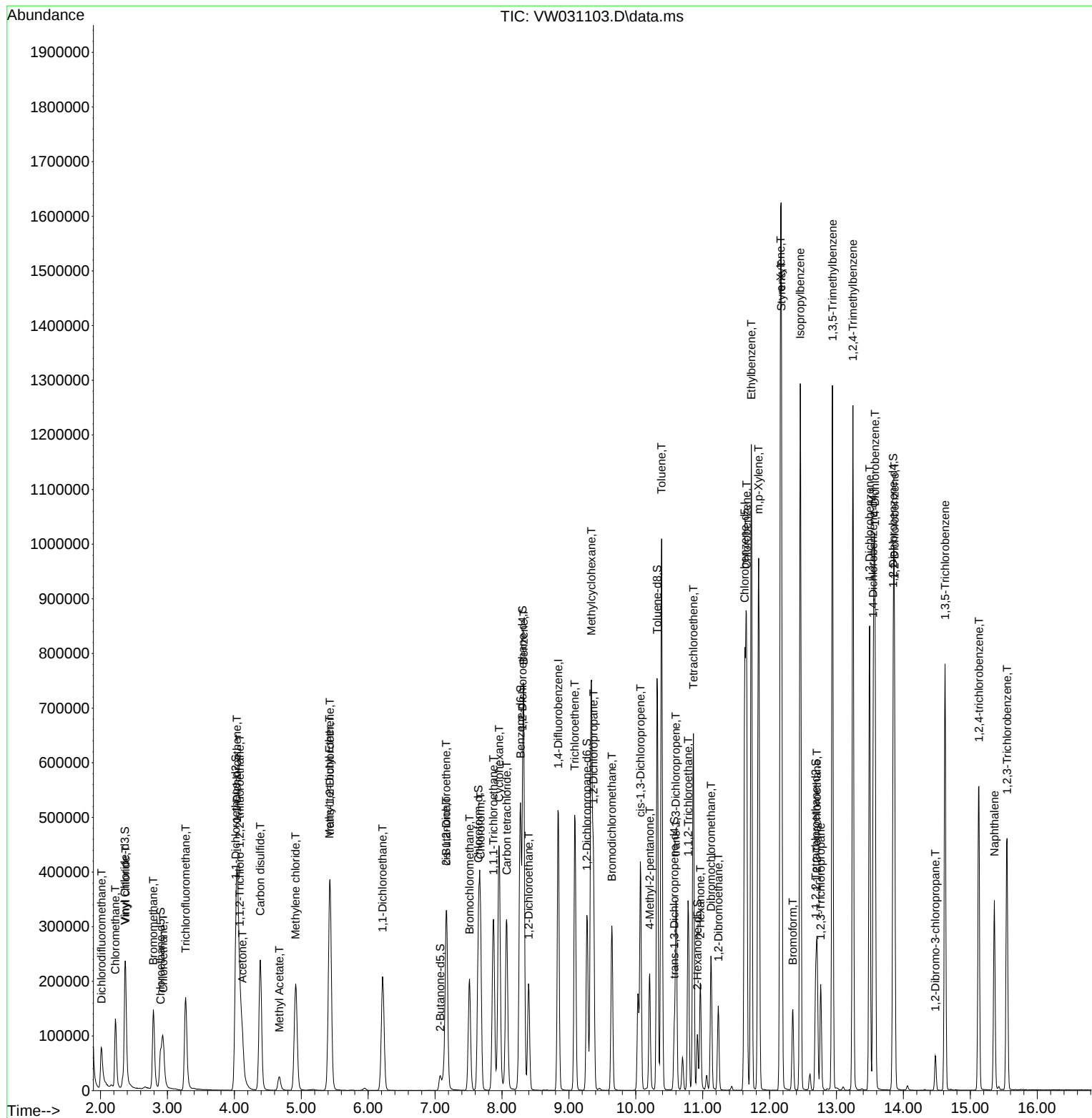
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	176931	24.268	ug/L	98
29) Cyclohexane	7.959	56	261136	28.028	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	264942	27.421	ug/L	100
31) Carbon tetrachloride	8.069	117	239130	27.218	ug/L	98
33) Benzene	8.325	78	690207	27.071	ug/L	100
34) Trichloroethene	9.087	95	182520	26.426	ug/L	96
35) Methylcyclohexane	9.337	83	311210	28.039	ug/L	98
37) 1,2-Dichloropropane	9.368	63	168981	26.582	ug/L	99
38) Bromodichloromethane	9.642	83	210195	26.272	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	252570	26.362	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	134646	45.015	ug/L	100
42) Toluene	10.386	91	741116	27.524	ug/L	99
44) trans-1,3-Dichloropropene	10.599	75	201592	26.056	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	112859	24.408	ug/L	96
46) Tetrachloroethene	10.861	164	146993	26.614	ug/L	92
48) 2-Hexanone	10.965	43	118226	49.992	ug/L	96
49) Dibromochloromethane	11.123	129	132563	25.779	ug/L	94
50) 1,2-Dibromoethane	11.233	107	104706	23.796	ug/L	95
51) Chlorobenzene	11.654	112	448756	25.484	ug/L	96
52) Ethylbenzene	11.727	91	829270	27.469	ug/L	97
53) m,p-Xylene	11.837	106	319463	27.725	ug/L	100
54) o-Xylene	12.166	106	302085	27.896	ug/L	91
55) Styrene	12.178	104	512915	27.832	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	120565	23.377	ug/L #	94
59) Bromoform	12.349	173	69075	22.938	ug/L	97
60) Isopropylbenzene	12.458	105	813399	27.745	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	82848	22.491	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	681962	29.489	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	652853	28.620	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	359316	26.874	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	338731	24.348	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	306019	25.532	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	16949	21.052	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	245381	26.847	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	187707	25.680	ug/L	99
71) Naphthalene	15.360	128	290999	23.547	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	160213	24.626	ug/L	98

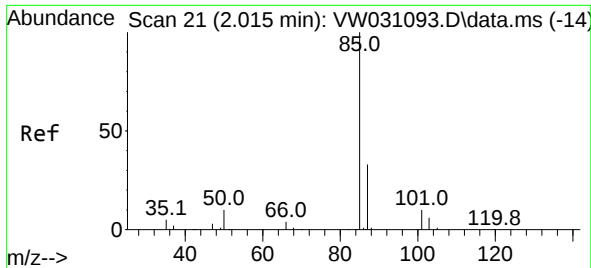
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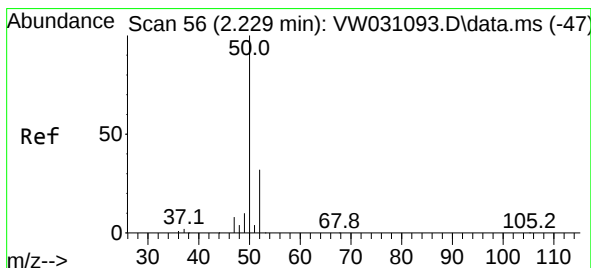
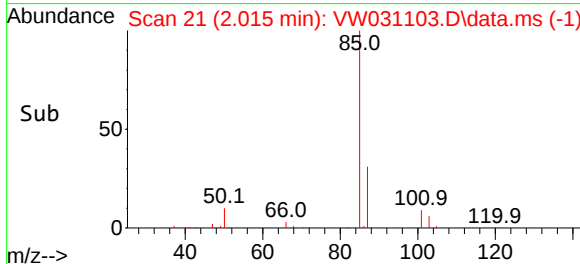
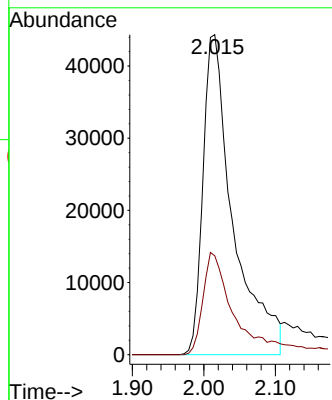
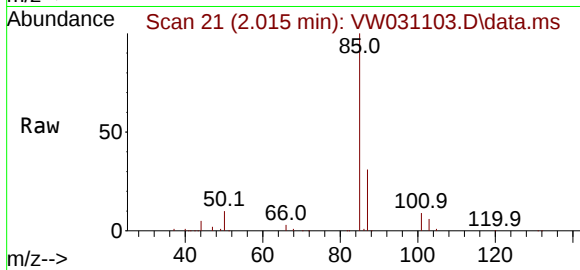




#2
 Dichlorodifluoromethane
 Concen: 24.366 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031103.D
 Acq: 25 Nov 2024 09:49

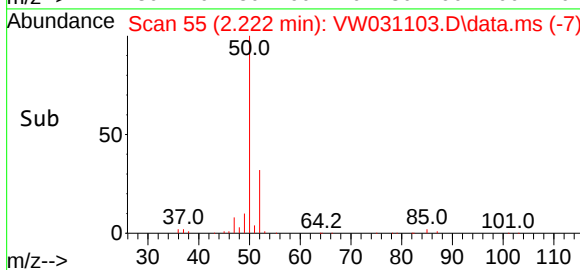
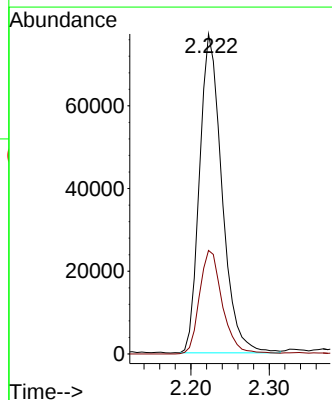
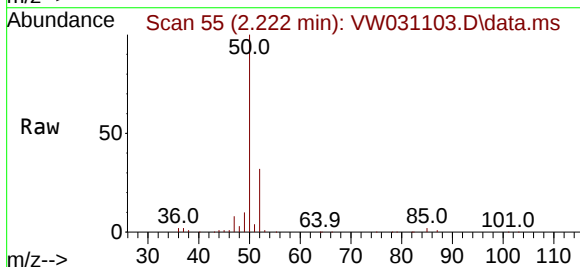
Instrument :
 MSVOA_W
 ClientSampleId :

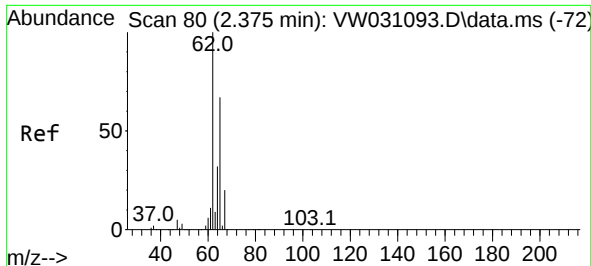
Tgt Ion: 85 Resp: 129787
 Ion Ratio Lower Upper
 85 100
 87 28.6 23.8 35.6



#3
 Chloromethane
 Concen: 23.435 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW031103.D
 Acq: 25 Nov 2024 09:49

Tgt Ion: 50 Resp: 153463
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.4 43.6

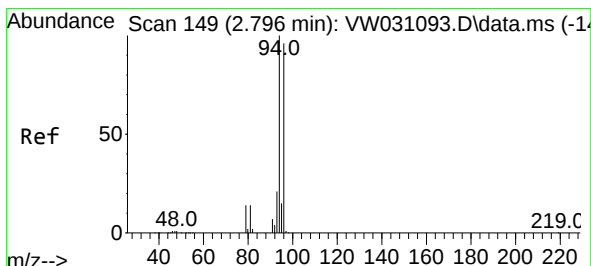
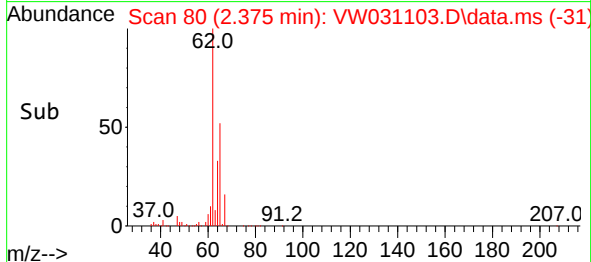
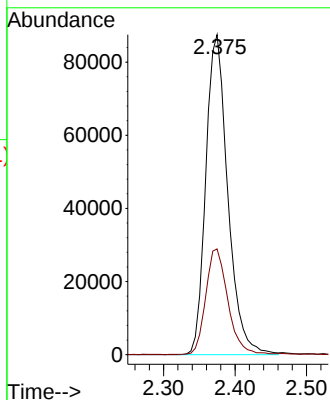
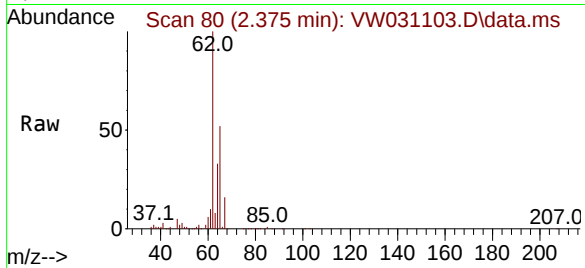




#5
Vinyl chloride
Concen: 27.677 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

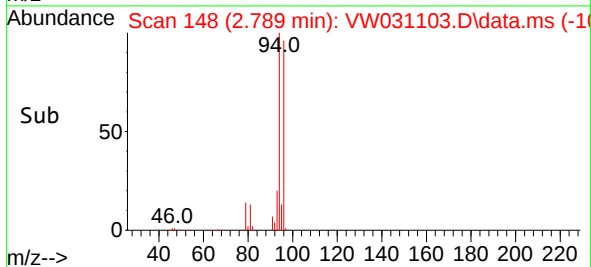
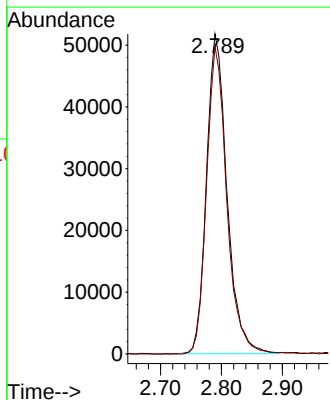
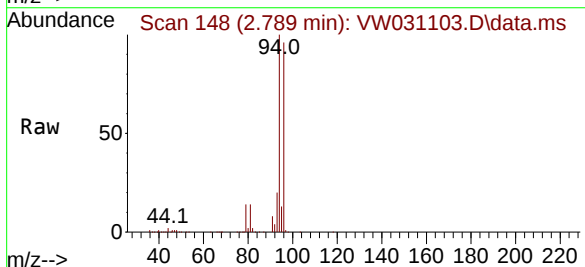
Instrument :
MSVOA_W
ClientSampleId :

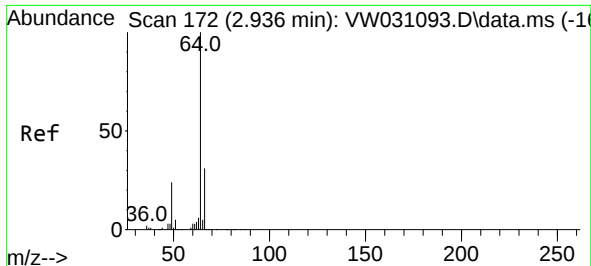
Tgt Ion: 62 Resp: 186890
Ion Ratio Lower Upper
62 100
64 33.1 22.7 42.1



#6
Bromomethane
Concen: 25.715 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.006 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion: 94 Resp: 121245
Ion Ratio Lower Upper
94 100
96 96.1 62.6 116.3

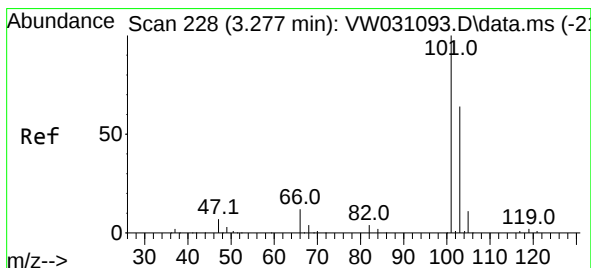
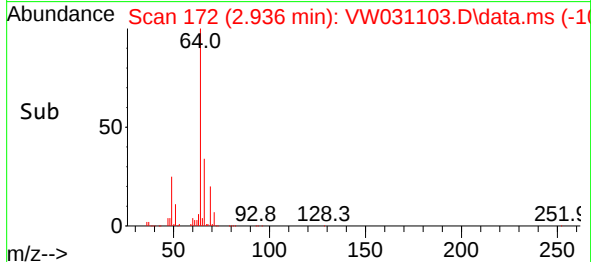
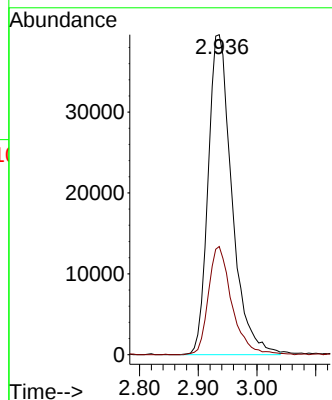
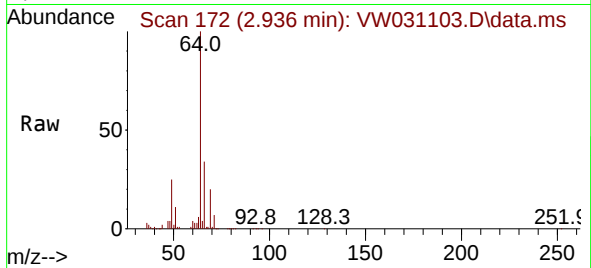




#8
Chloroethane
Concen: 27.429 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

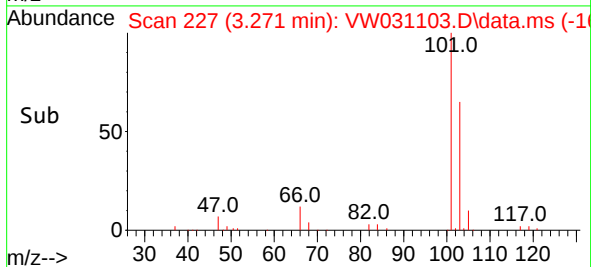
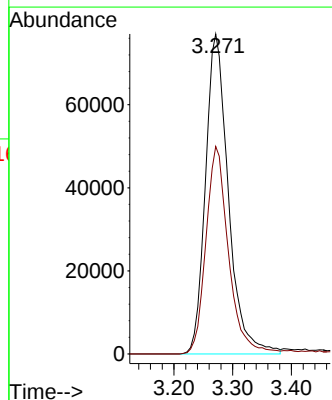
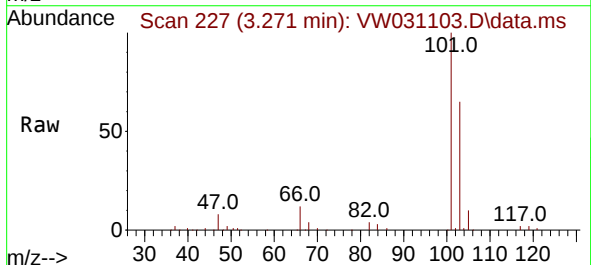
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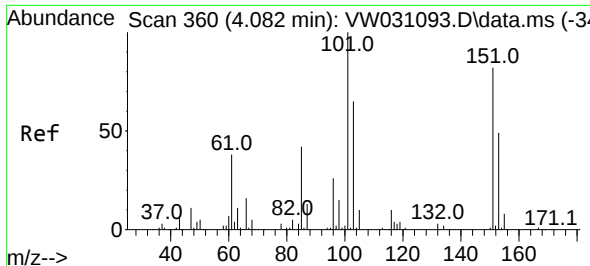
Tgt Ion: 64 Resp: 111091
Ion Ratio Lower Upper
64 100
66 33.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 22.309 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion:101 Resp: 208363
Ion Ratio Lower Upper
101 100
103 64.1 50.7 76.1

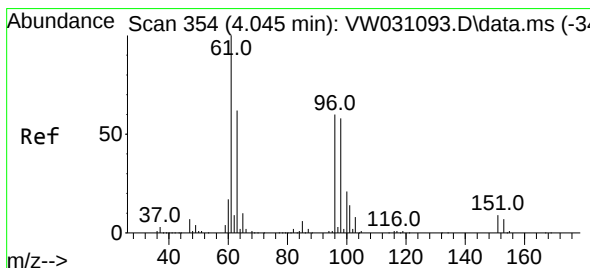
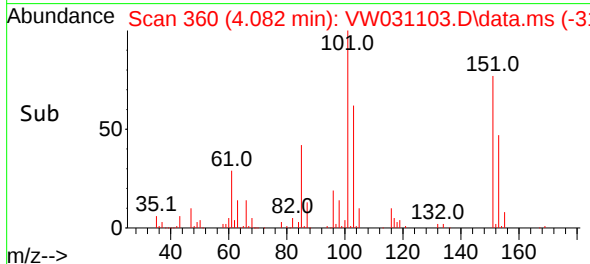
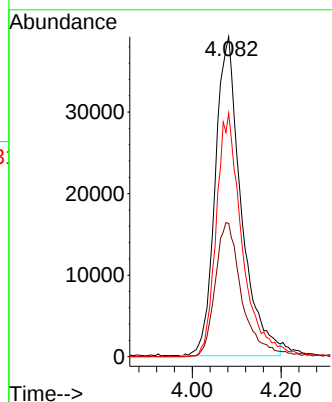
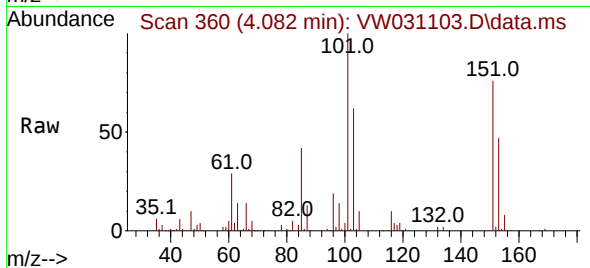




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.093 ug/L
 RT: 4.082 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VW031103.D
 Acq: 25 Nov 2024 09:49

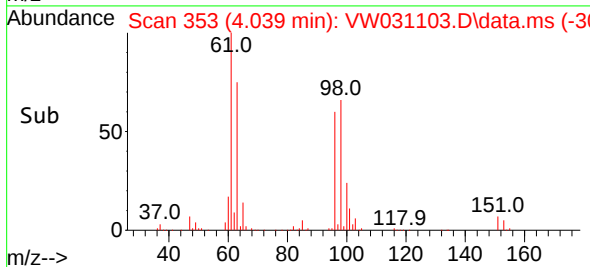
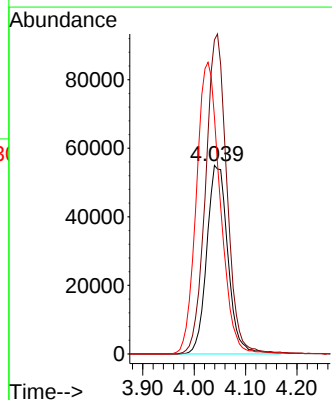
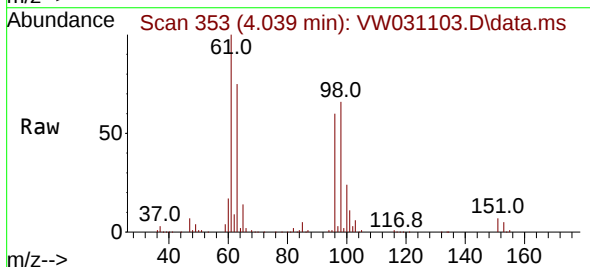
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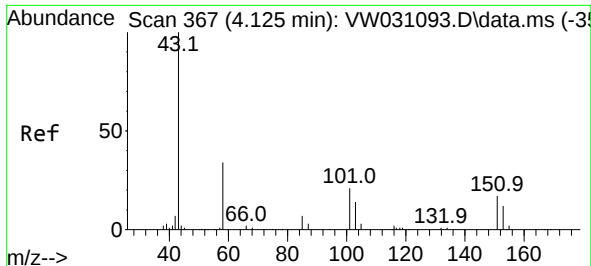
Tgt Ion:101 Resp: 158575
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.9 50.9
 151 74.6 61.8 92.6



#12
 1,1-Dichloroethene
 Concen: 25.483 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW031103.D
 Acq: 25 Nov 2024 09:49

Tgt Ion: 96 Resp: 156900
 Ion Ratio Lower Upper
 96 100
 61 166.5 113.5 210.9
 63 125.6 73.8 137.2





#13

Acetone

Concen: 45.826 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

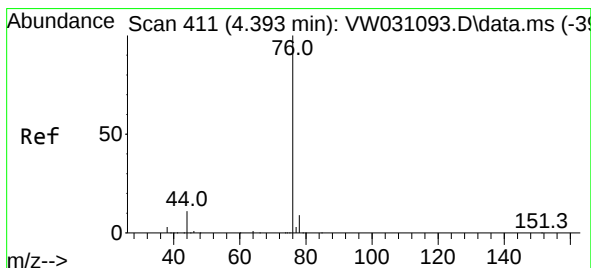
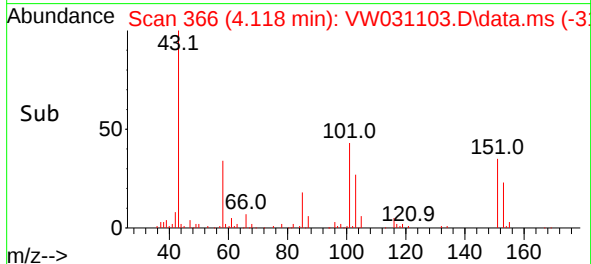
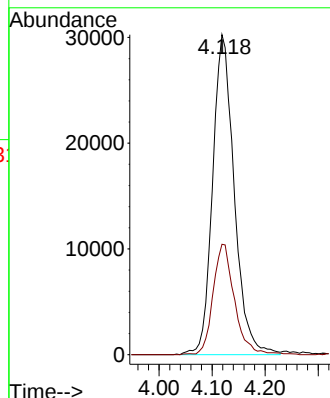
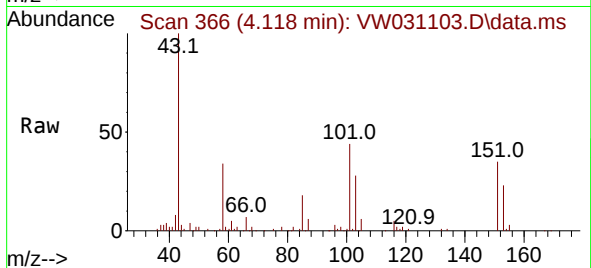
ClientSampleId :

Tgt Ion: 43 Resp: 85785

Ion Ratio Lower Upper

43 100

58 33.3 0.0 67.2



#14

Carbon disulfide

Concen: 26.150 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW031103.D

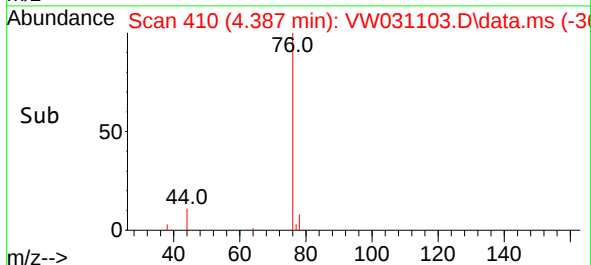
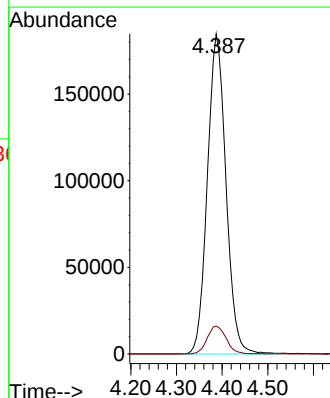
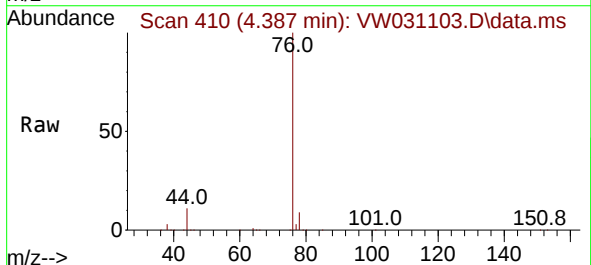
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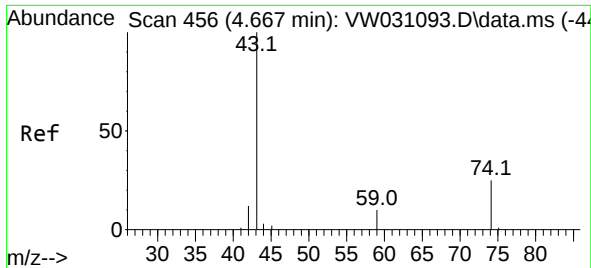
Tgt Ion: 76 Resp: 521861

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

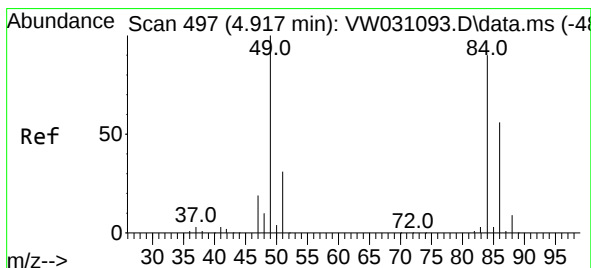
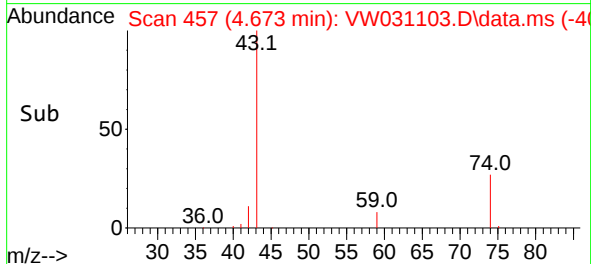
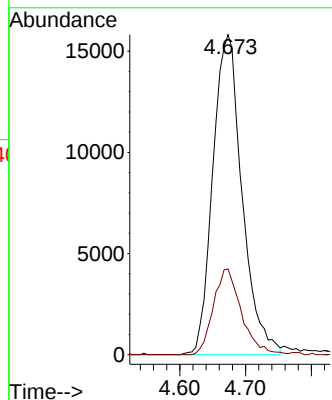
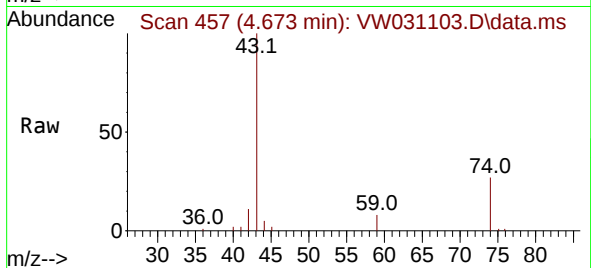




#15
Methyl Acetate
Concen: 20.127 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

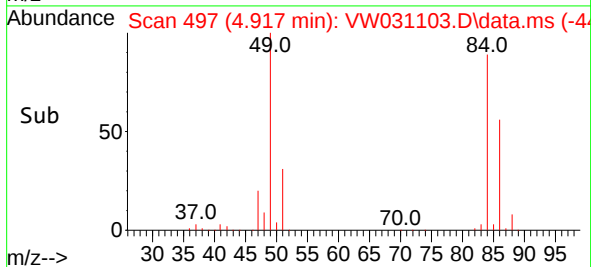
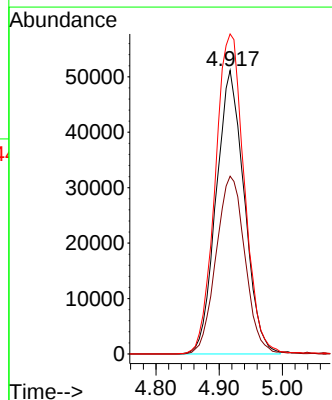
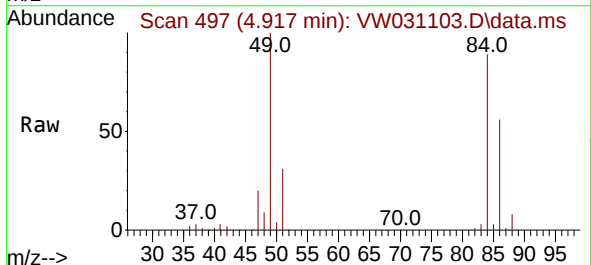
Instrument :
MSVOA_W
ClientSampleId :

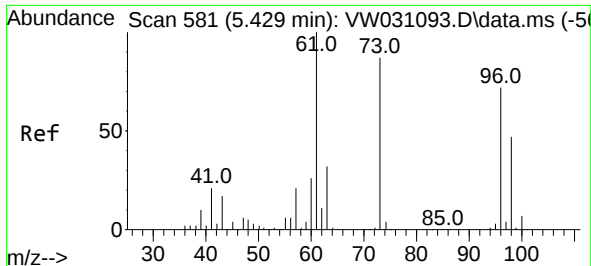
Tgt Ion: 43 Resp: 48906
Ion Ratio Lower Upper
43 100
74 25.6 20.8 31.2



#16
Methylene chloride
Concen: 24.512 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion: 84 Resp: 157663
Ion Ratio Lower Upper
84 100
86 62.7 44.9 83.5
49 112.9 79.9 148.5





#17

trans-1,2-Dichloroethene

Concen: 25.069 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

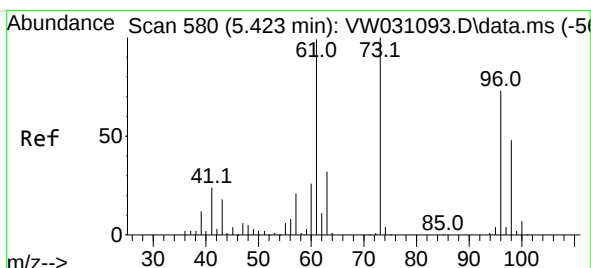
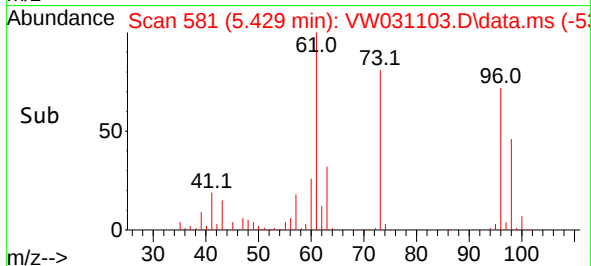
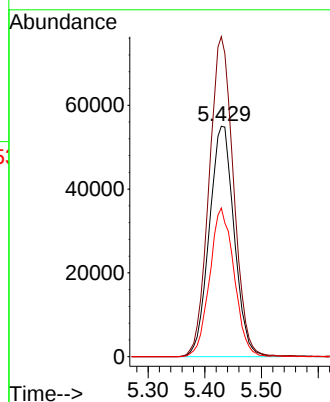
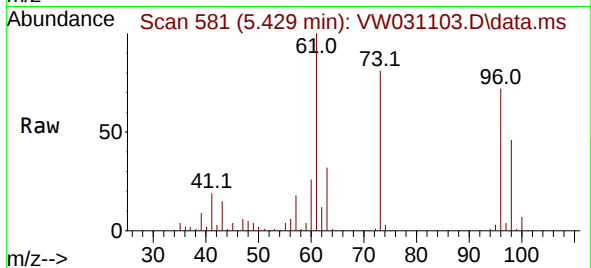
Tgt Ion: 96 Resp: 167430

Ion Ratio Lower Upper

96 100

61 138.9 92.7 172.3

98 64.5 44.4 82.4



#18

Methyl tert-butyl Ether

Concen: 22.549 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

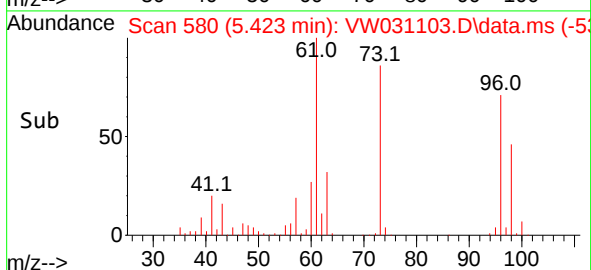
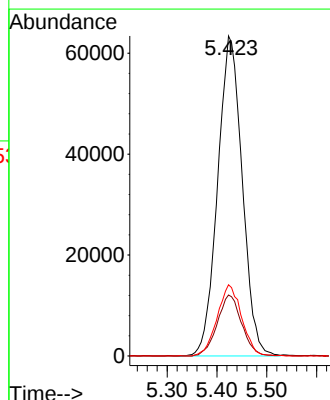
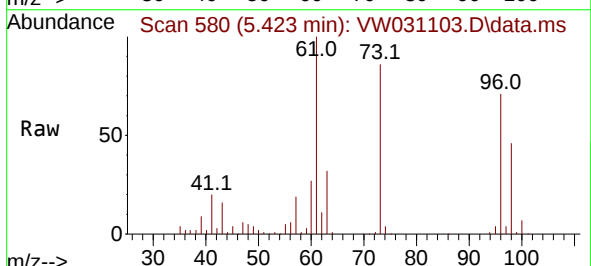
Tgt Ion: 73 Resp: 217014

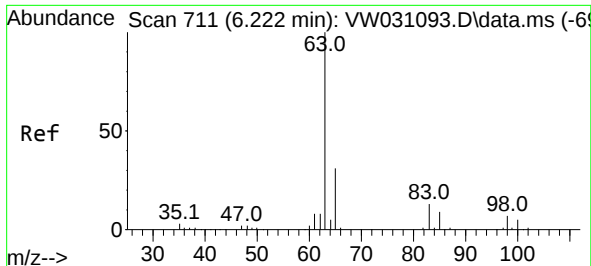
Ion Ratio Lower Upper

73 100

43 18.9 15.4 23.0

57 22.1 17.6 26.4





#19

1,1-Dichloroethane

Concen: 25.505 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

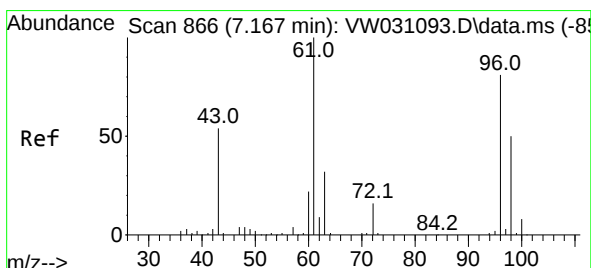
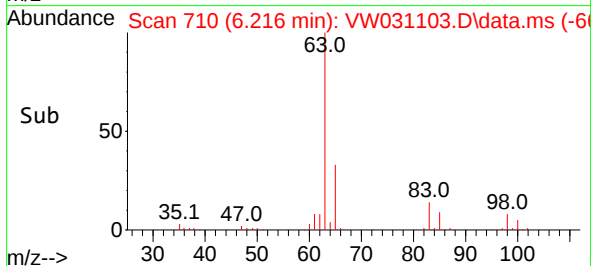
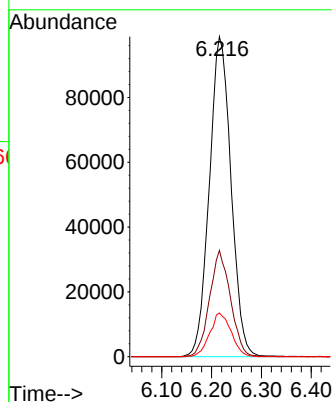
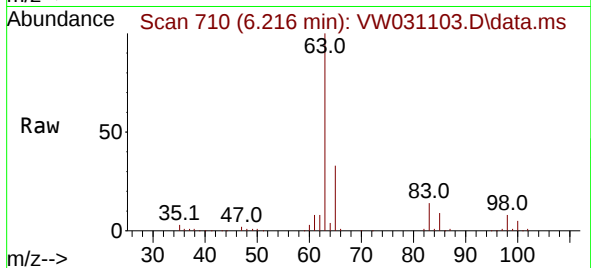
Tgt Ion: 63 Resp: 298505

Ion Ratio Lower Upper

63 100

65 33.2 21.7 40.3

83 13.7 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 25.002 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

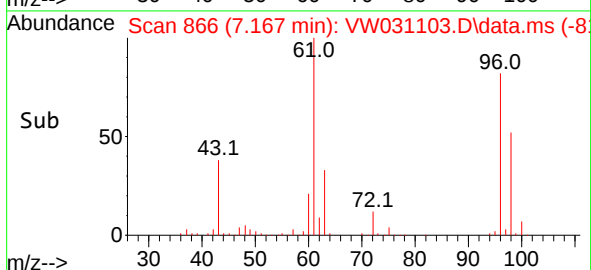
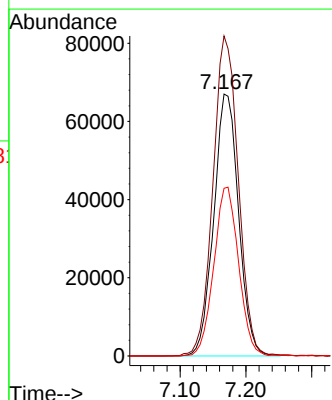
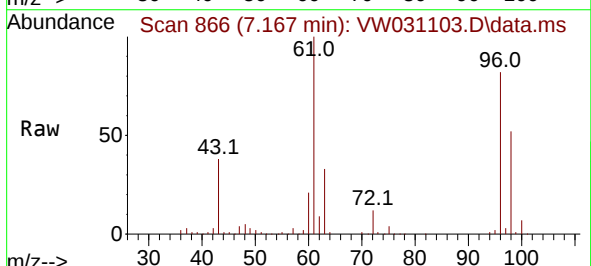
Tgt Ion: 96 Resp: 176177

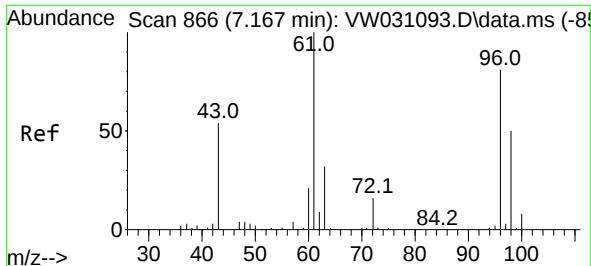
Ion Ratio Lower Upper

96 100

61 122.2 83.7 155.5

98 64.0 43.9 81.5

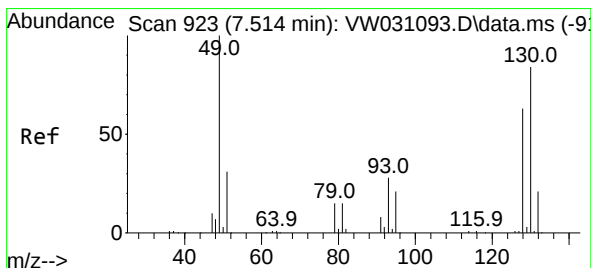
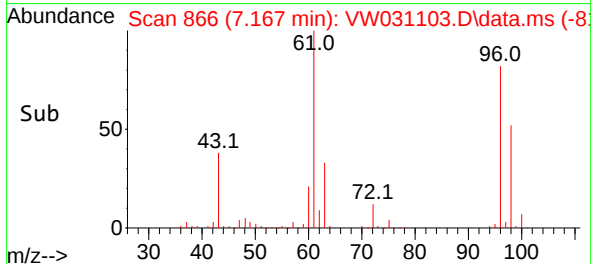
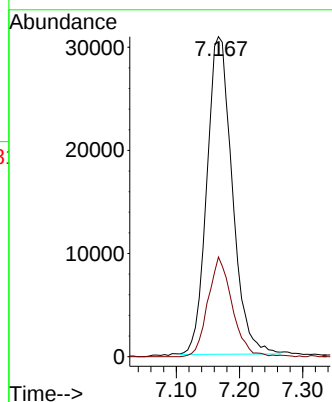
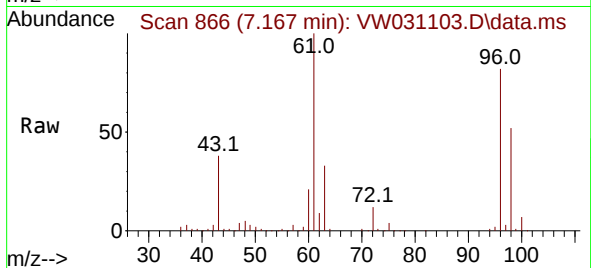




#22
2-Butanone
Concen: 42.478 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

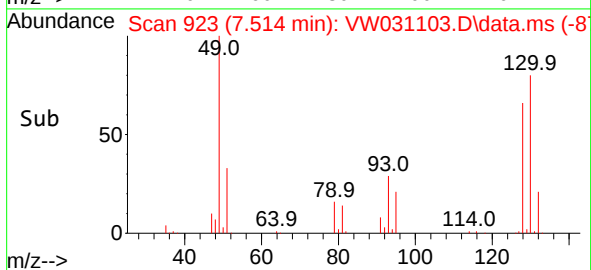
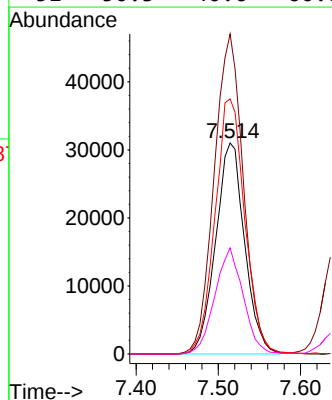
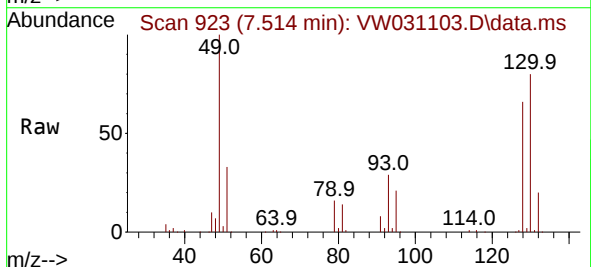
Instrument :
MSVOA_W
ClientSampleId :

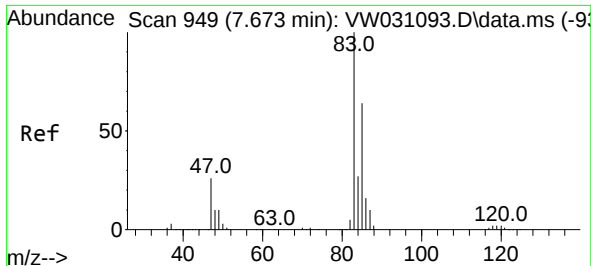
Tgt Ion: 43 Resp: 85992
Ion Ratio Lower Upper
43 100
72 29.4 14.9 44.7



#23
Bromochloromethane
Concen: 23.984 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion:128 Resp: 75724
Ion Ratio Lower Upper
128 100
49 151.6 110.9 206.1
130 120.8 93.7 173.9
51 50.3 40.6 60.8





#25

Chloroform

Concen: 25.225 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

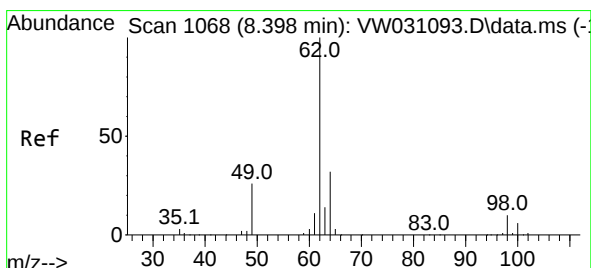
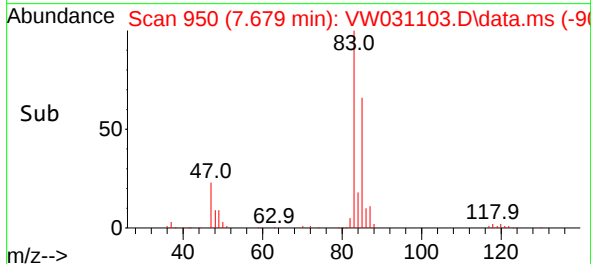
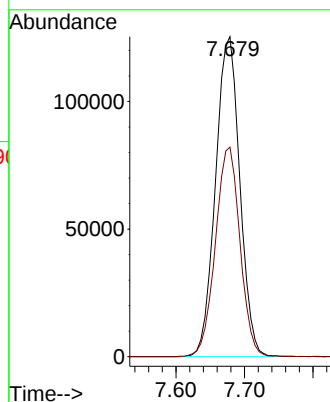
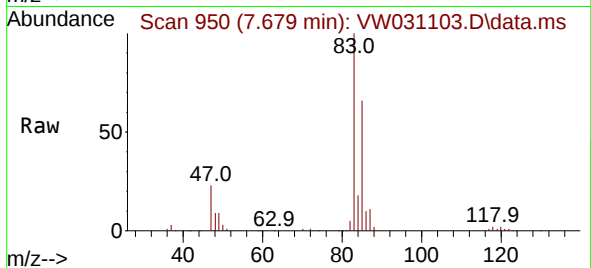
ClientSampleId :

Tgt Ion: 83 Resp: 308596

Ion Ratio Lower Upper

83 100

85 65.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 24.268 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031103.D

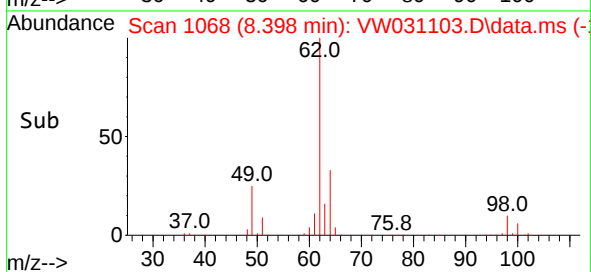
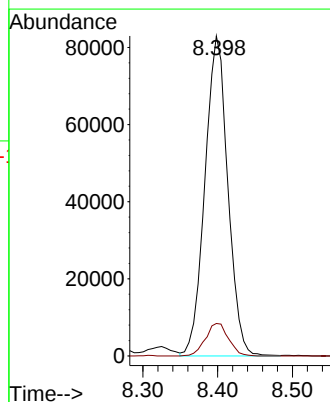
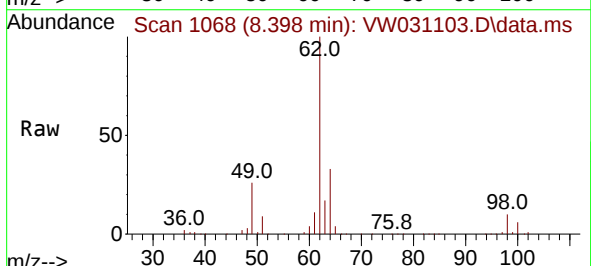
Acq: 25 Nov 2024 09:49

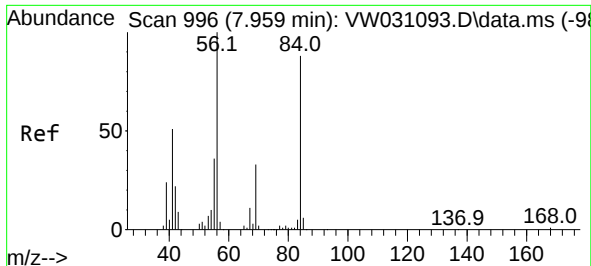
Tgt Ion: 62 Resp: 176931

Ion Ratio Lower Upper

62 100

98 10.2 7.7 11.5





#29

Cyclohexane

Concen: 28.028 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

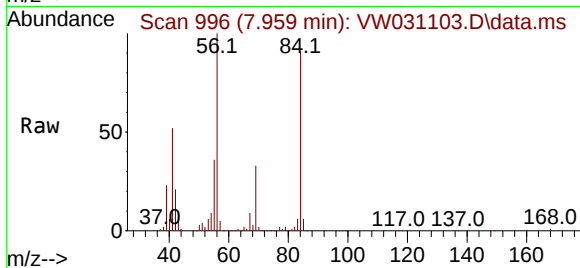
Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :



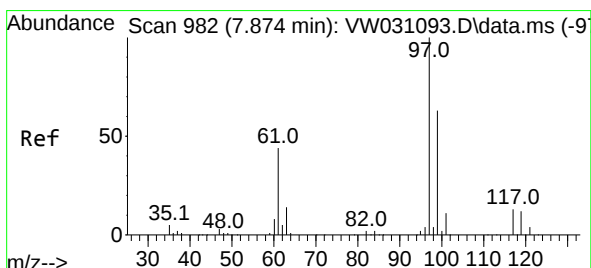
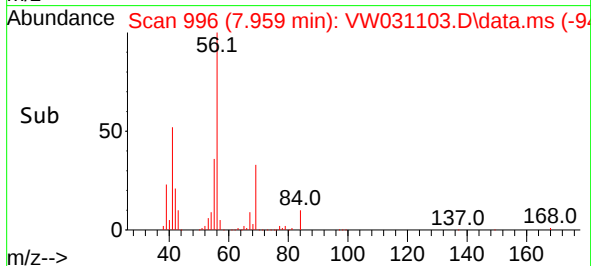
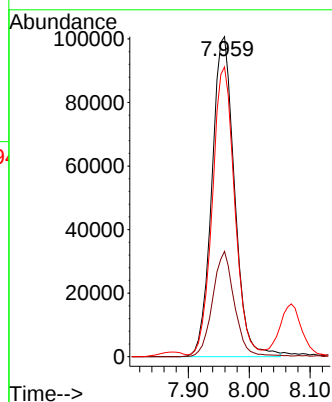
Tgt Ion: 56 Resp: 261136

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.2

84 88.8 71.1 106.7



#30

1,1,1-Trichloroethane

Concen: 27.421 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

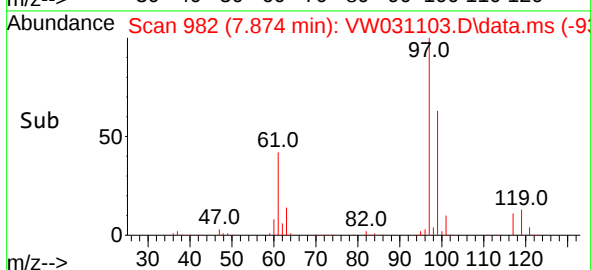
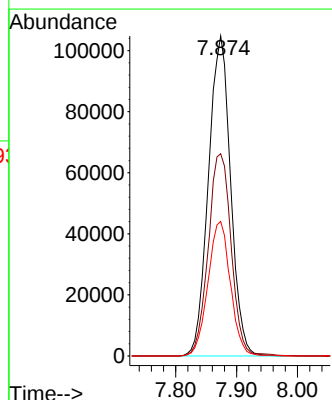
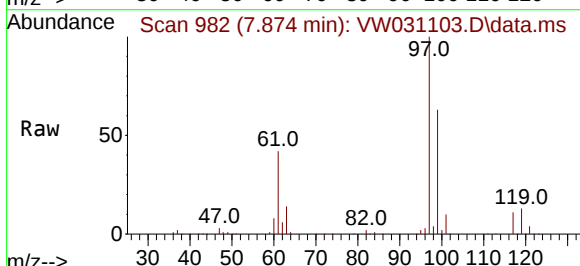
Tgt Ion: 97 Resp: 264942

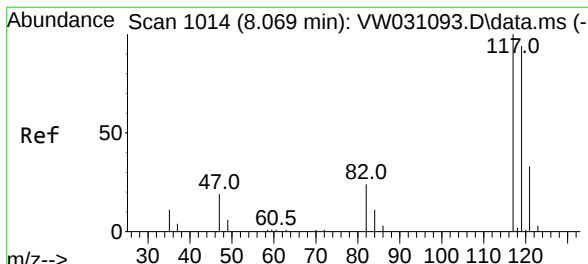
Ion Ratio Lower Upper

97 100

99 64.9 51.6 77.4

61 42.5 33.8 50.6

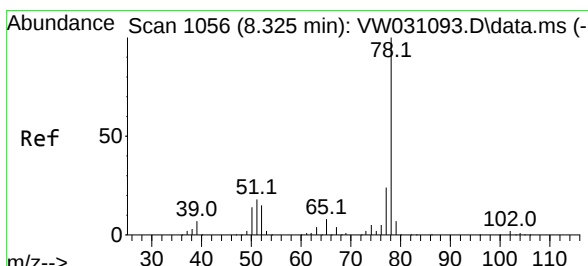
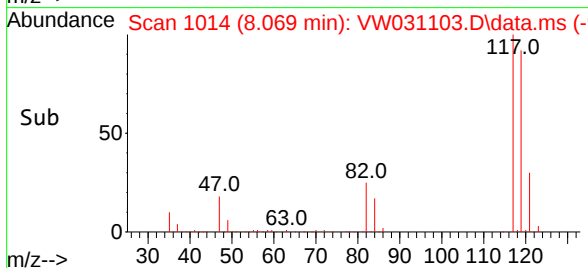
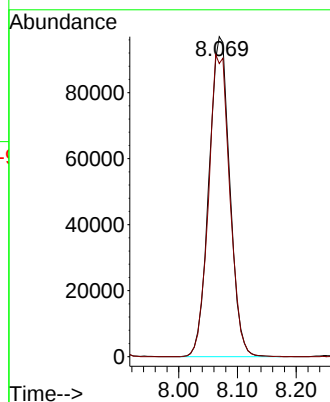
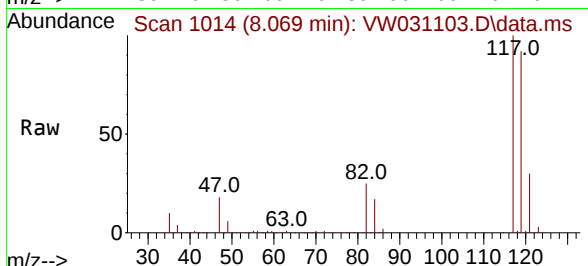




#31
Carbon tetrachloride
Concen: 27.218 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

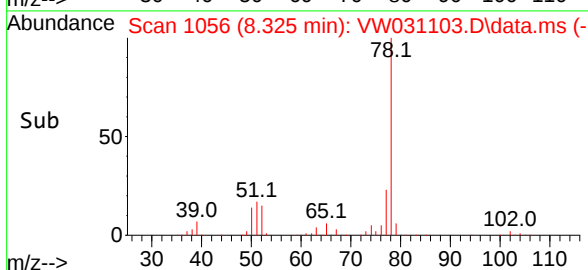
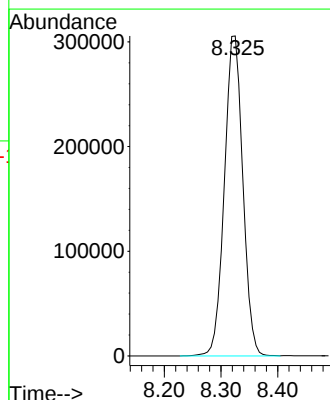
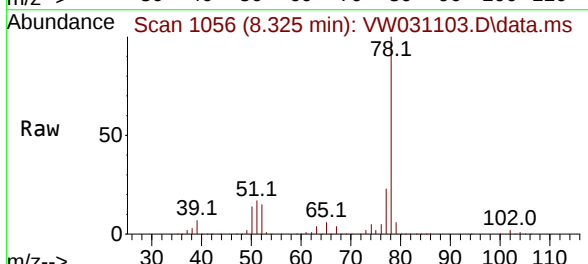
Instrument :
MSVOA_W
ClientSampleId :

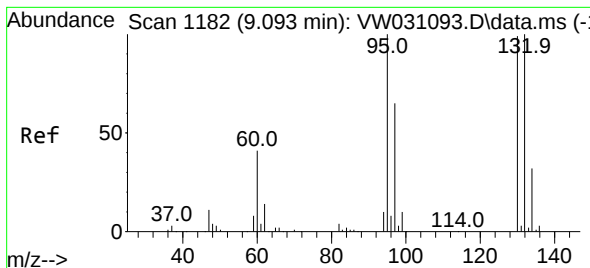
Tgt Ion:117 Resp: 239130
Ion Ratio Lower Upper
117 100
119 96.5 75.8 113.8



#33
Benzene
Concen: 27.071 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion: 78 Resp: 690207





#34

Trichloroethene

Concen: 26.426 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 182520

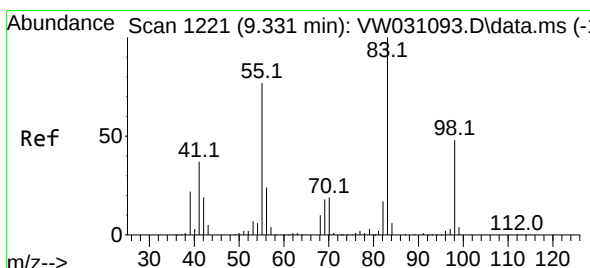
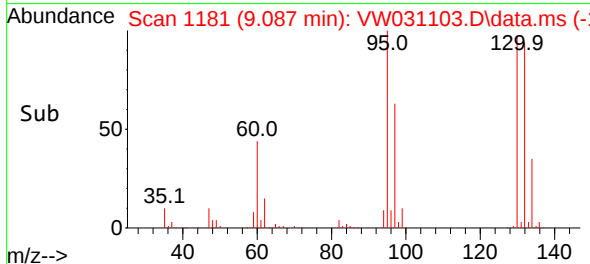
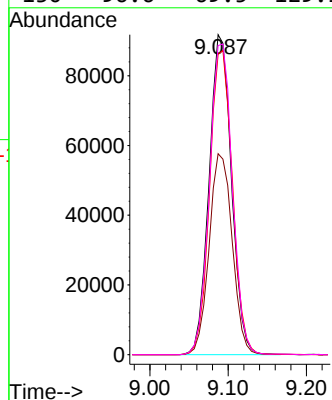
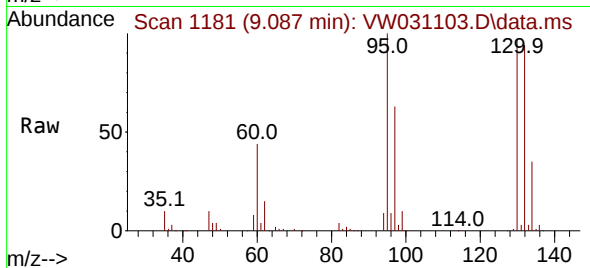
Ion Ratio Lower Upper

95 100

97 62.8 48.0 89.2

132 93.9 67.4 125.2

130 96.6 69.5 129.1



#35

Methylcyclohexane

Concen: 28.039 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

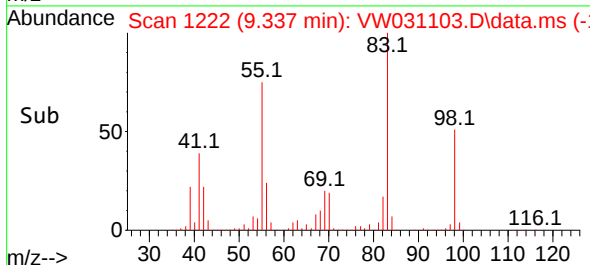
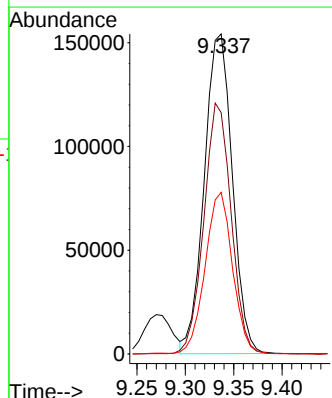
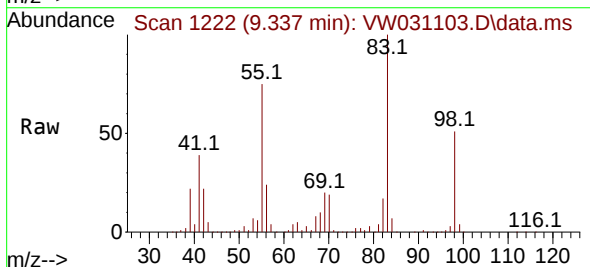
Tgt Ion: 83 Resp: 311210

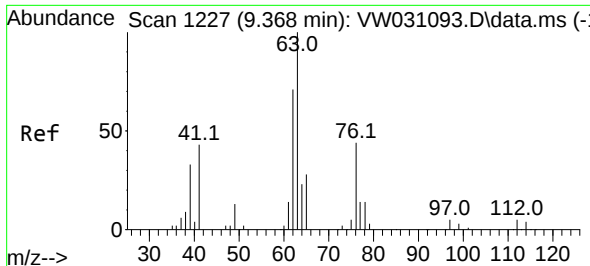
Ion Ratio Lower Upper

83 100

55 76.5 59.5 89.3

98 49.6 38.7 58.1





#37

1,2-Dichloropropane

Concen: 26.582 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

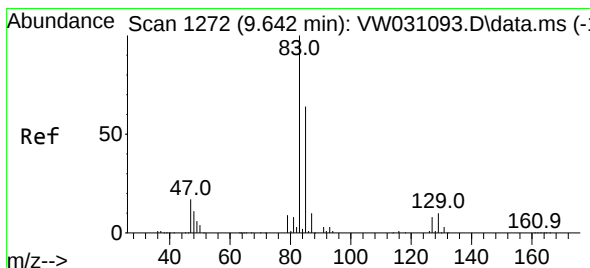
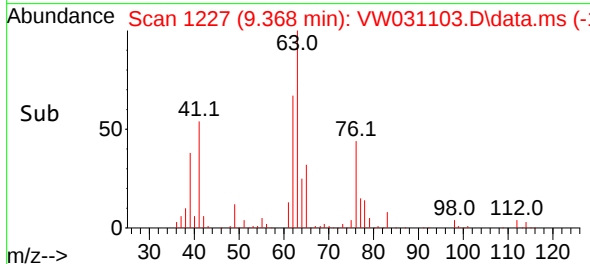
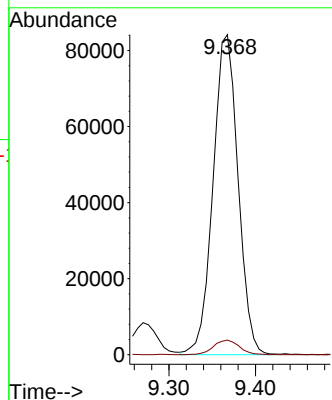
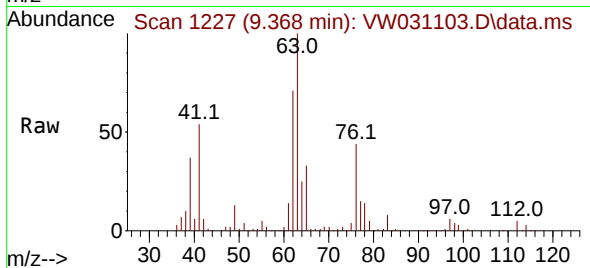
ClientSampleId :

Tgt Ion: 63 Resp: 168981

Ion Ratio Lower Upper

63 100

112 4.7 3.9 5.9



#38

Bromodichloromethane

Concen: 26.272 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

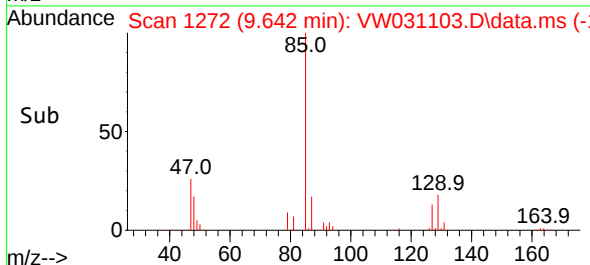
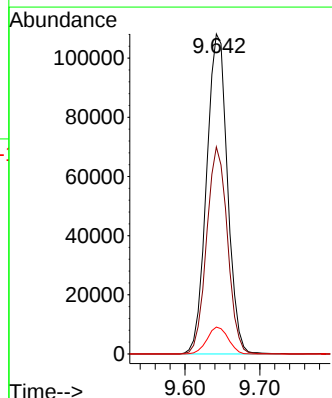
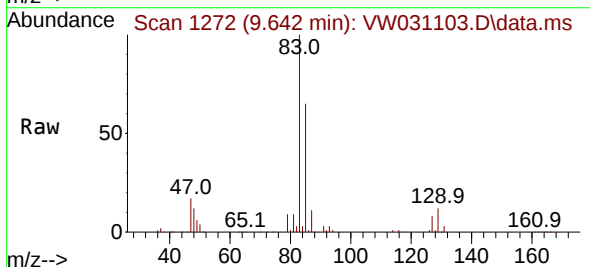
Tgt Ion: 83 Resp: 210195

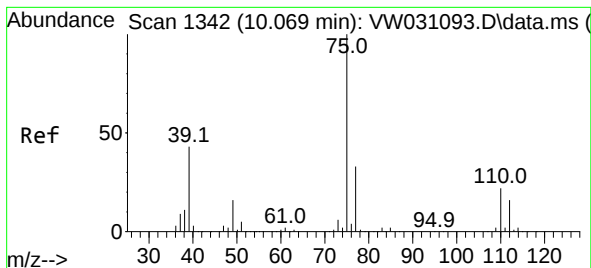
Ion Ratio Lower Upper

83 100

85 64.7 48.7 90.5

127 8.4 7.2 10.8

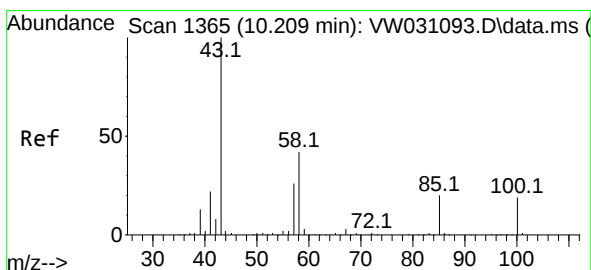
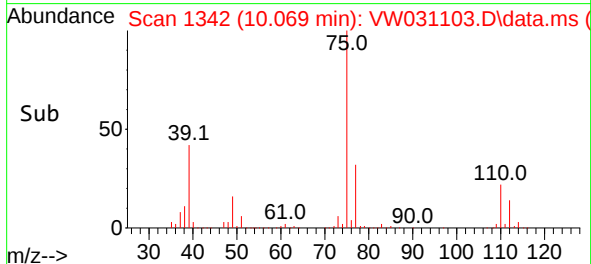
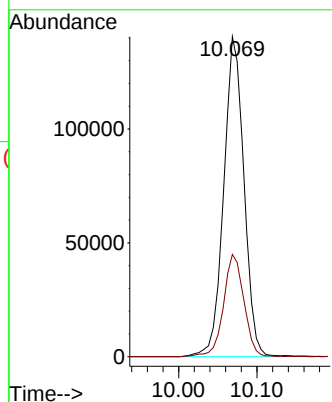
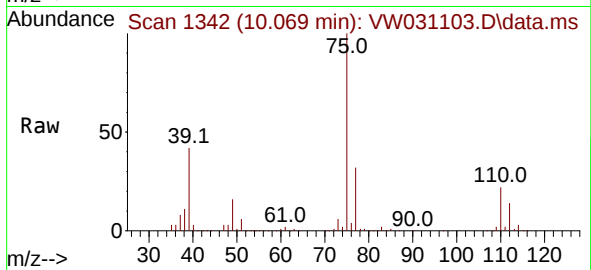




#39
 cis-1,3-Dichloropropene
 Concen: 26.362 ug/L
 RT: 10.069 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW031103.D
 Acq: 25 Nov 2024 09:49

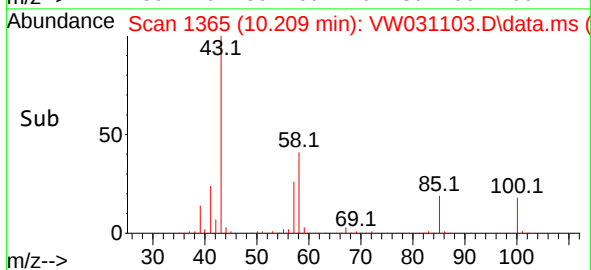
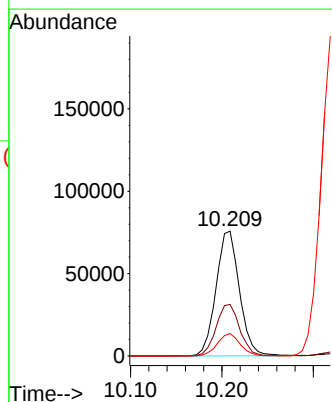
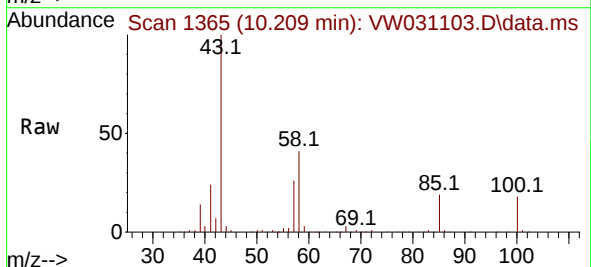
Instrument :
 MSVOA_W
 ClientSampleId :

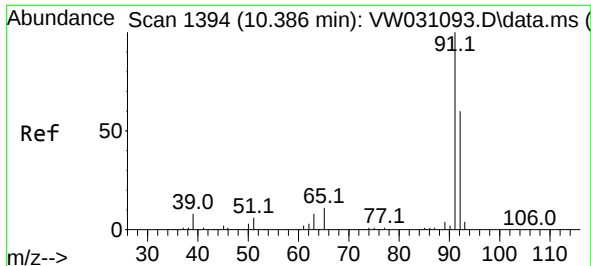
Tgt Ion: 75 Resp: 252570
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 45.015 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW031103.D
 Acq: 25 Nov 2024 09:49

Tgt Ion: 43 Resp: 134646
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.7 50.5
 100 17.6 14.2 21.2

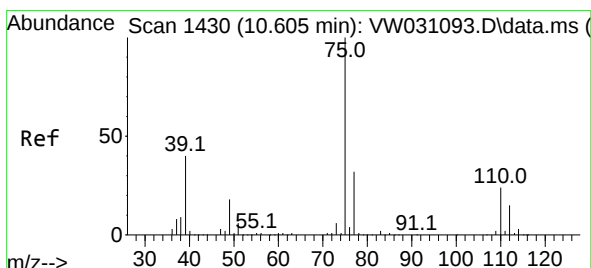
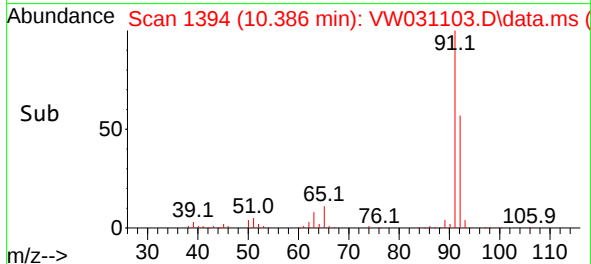
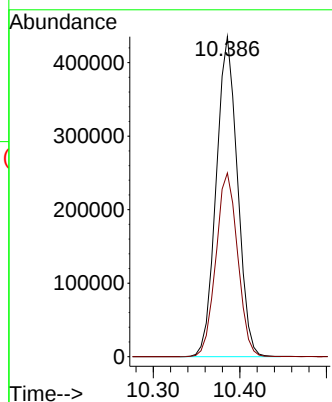
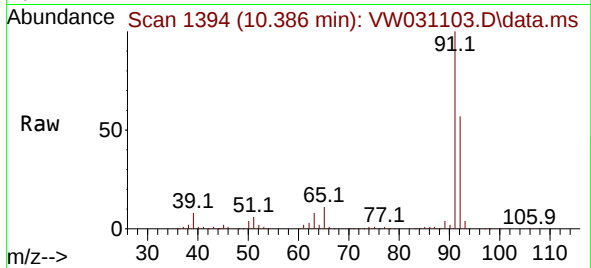




#42
Toluene
Concen: 27.524 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

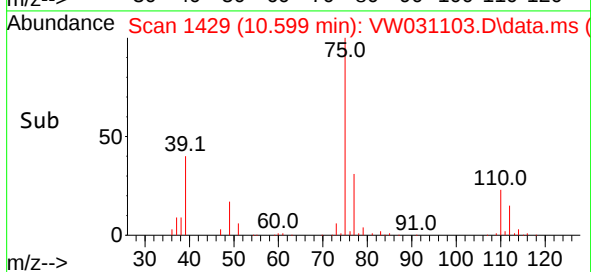
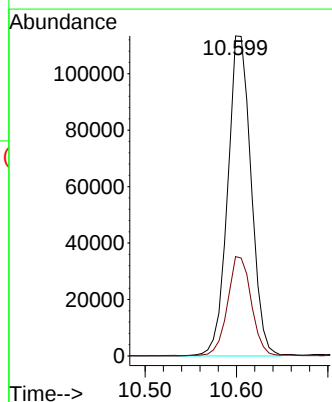
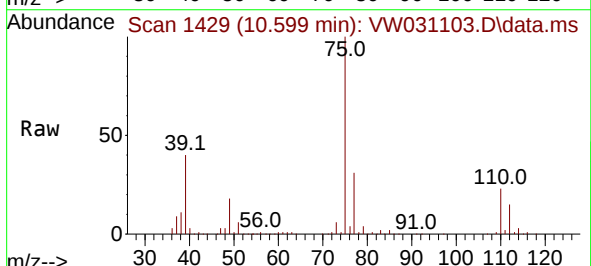
Instrument :
MSVOA_W
ClientSampleId :

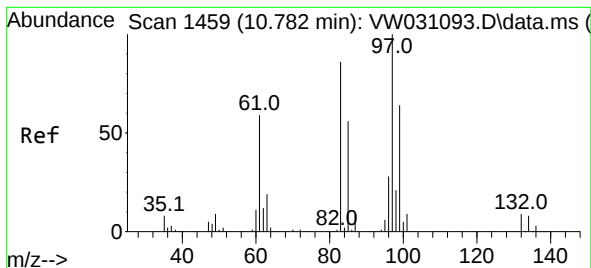
Tgt Ion: 91 Resp: 741116
Ion Ratio Lower Upper
91 100
92 57.4 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 26.056 ug/L
RT: 10.599 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion: 75 Resp: 201592
Ion Ratio Lower Upper
75 100
77 31.0 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 24.408 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 112859

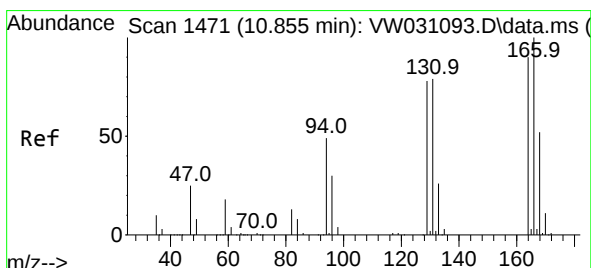
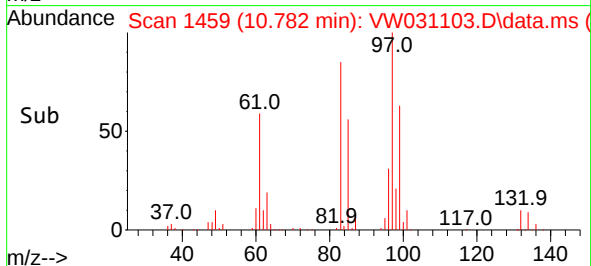
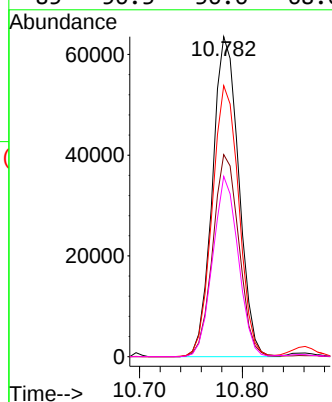
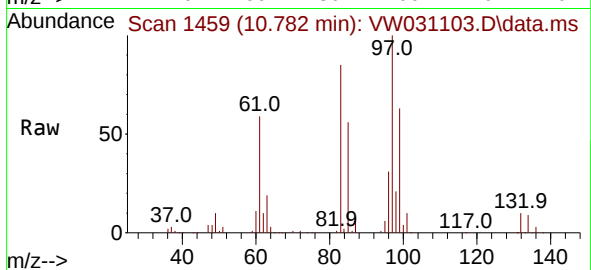
Ion Ratio Lower Upper

97 100

99 63.1 42.4 78.8

83 84.7 57.8 107.4

85 56.3 36.6 68.0



#46

Tetrachloroethene

Concen: 26.614 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Tgt Ion:164 Resp: 146993

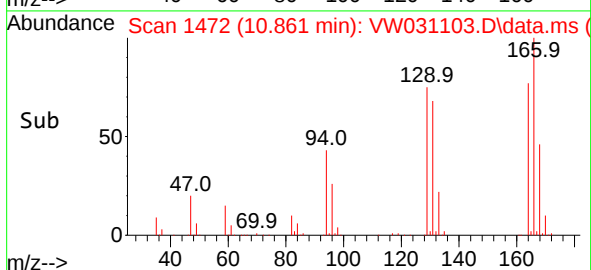
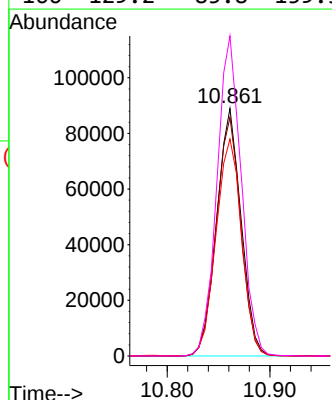
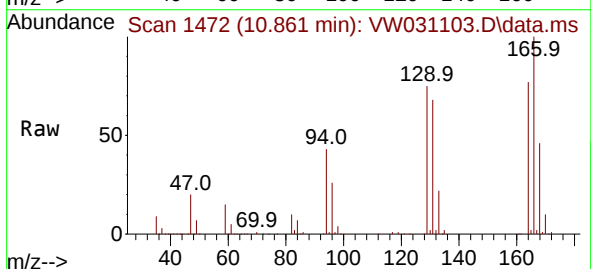
Ion Ratio Lower Upper

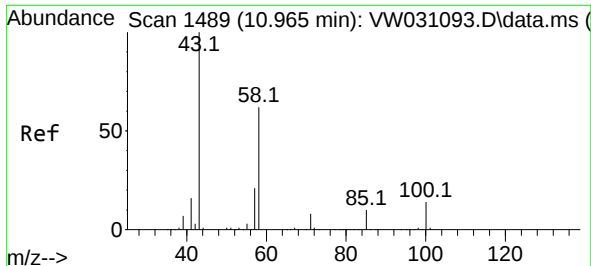
164 100

129 96.4 61.9 114.9

131 87.6 67.9 126.1

166 129.2 85.8 159.3

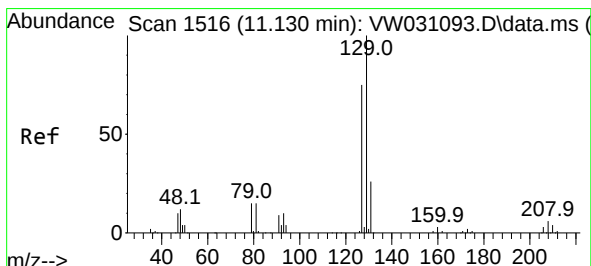
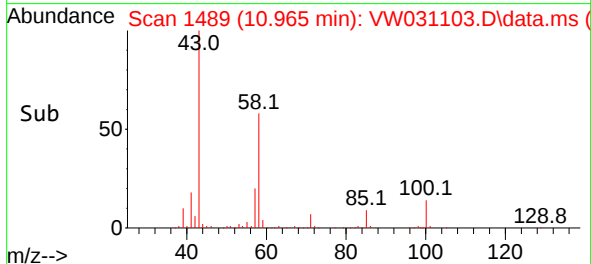
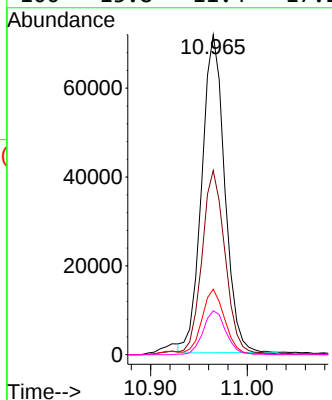
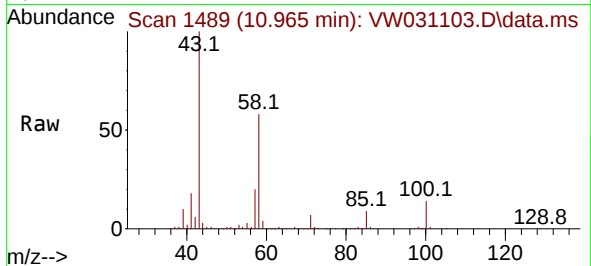




#48
2-Hexanone
Concen: 49.992 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

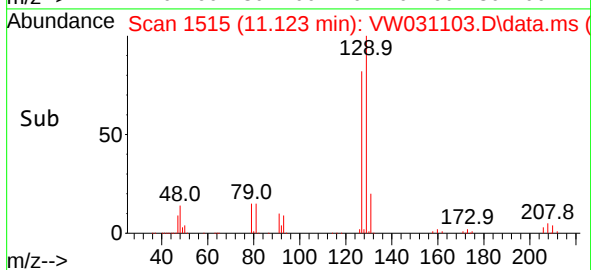
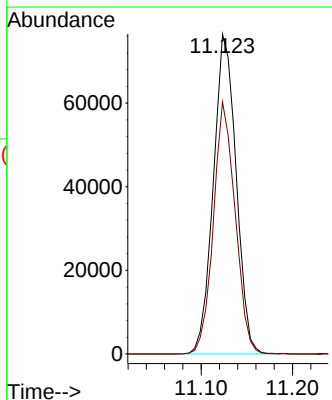
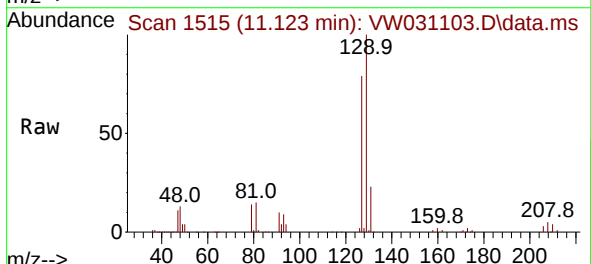
Instrument :
MSVOA_W
ClientSampleId :

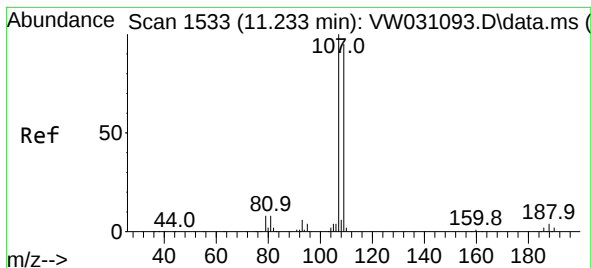
Tgt Ion: 43	Resp: 118226
Ion Ratio	Lower Upper
43 100	
58 58.4	49.8 74.6
57 20.4	16.6 24.8
100 13.8	11.4 17.2



#49
Dibromochloromethane
Concen: 25.779 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion:129	Resp:	132563	
Ion	Ratio	Lower	Upper
129	100		
127	78.7	51.4	95.4

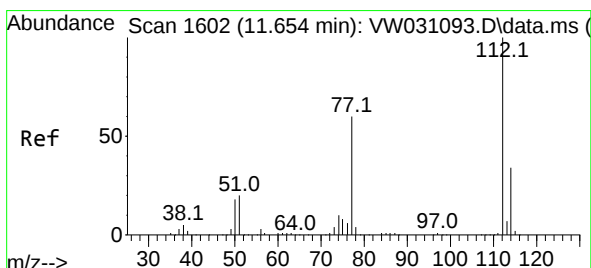
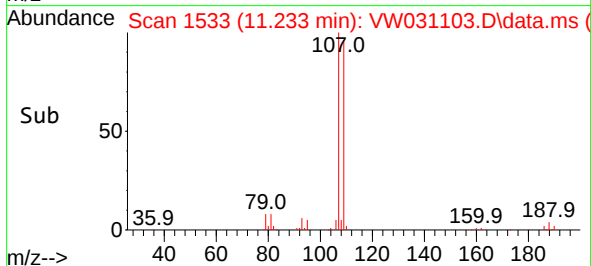
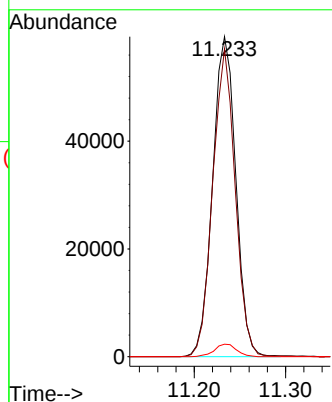
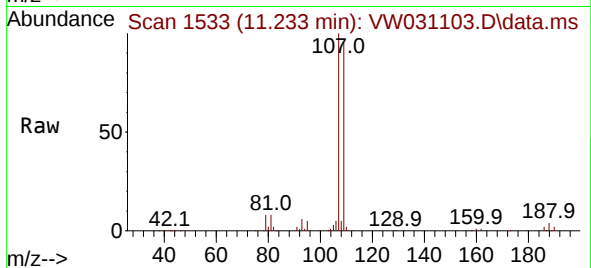




#50
1,2-Dibromoethane
Concen: 23.796 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

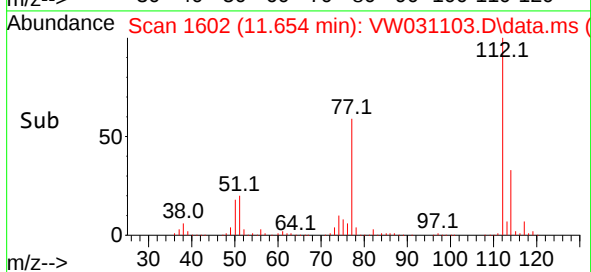
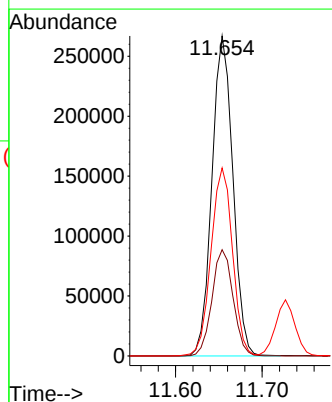
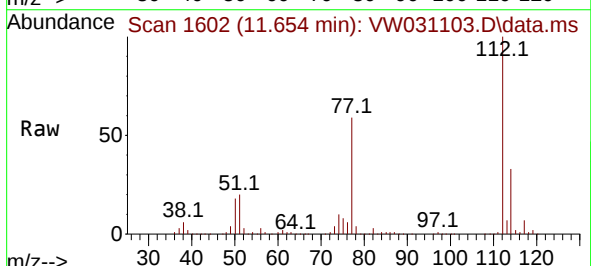
Instrument :
MSVOA_W
ClientSampleId :

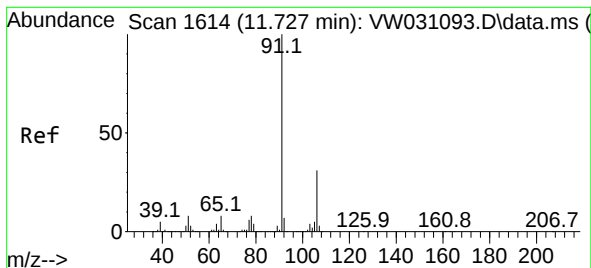
Tgt Ion:107 Resp: 104706
Ion Ratio Lower Upper
107 100
109 96.2 71.0 131.9
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 25.484 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion:112 Resp: 448756
Ion Ratio Lower Upper
112 100
114 33.2 21.2 39.4
77 58.7 45.4 68.0

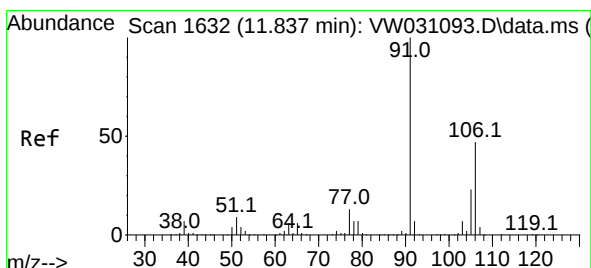
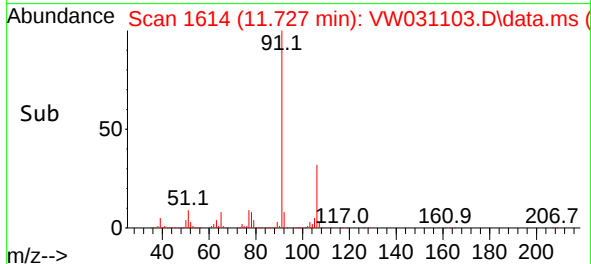
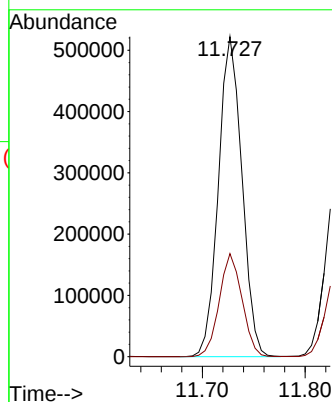
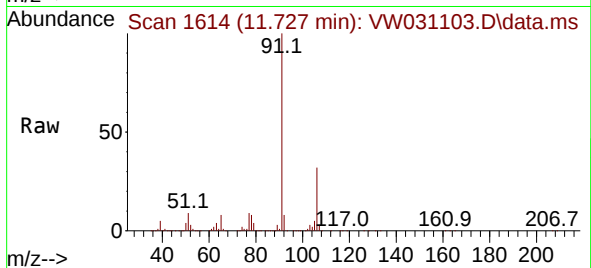




#52
Ethylbenzene
Concen: 27.469 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

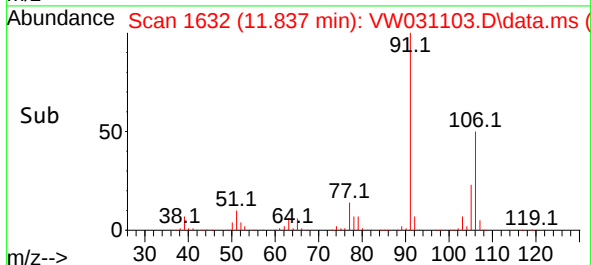
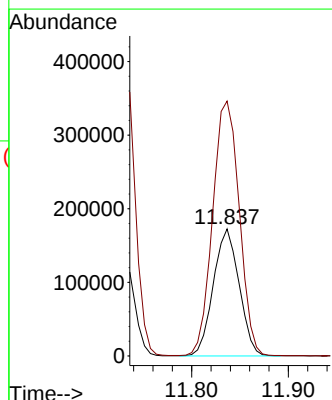
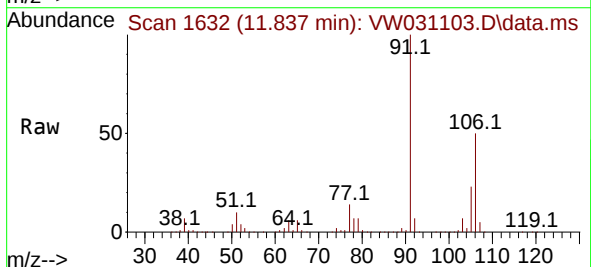
Instrument :
MSVOA_W
ClientSampleId :

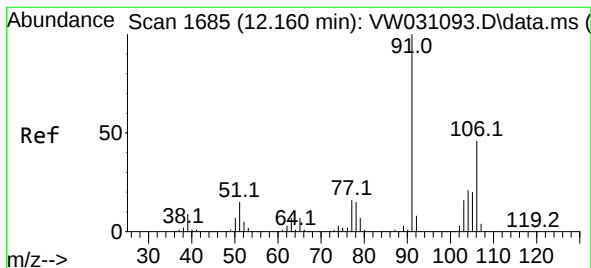
Tgt Ion: 91 Resp: 829270
Ion Ratio Lower Upper
91 100
106 32.2 21.3 39.5



#53
m,p-Xylene
Concen: 27.725 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion: 106 Resp: 319463
Ion Ratio Lower Upper
106 100
91 200.6 140.9 261.7





#54

o-Xylene

Concen: 27.896 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

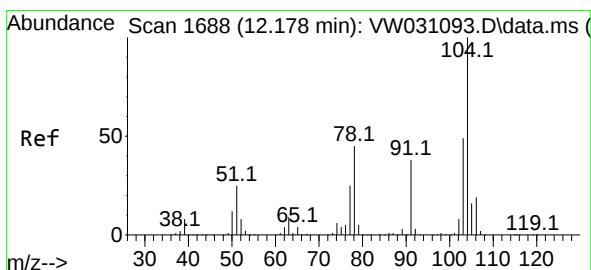
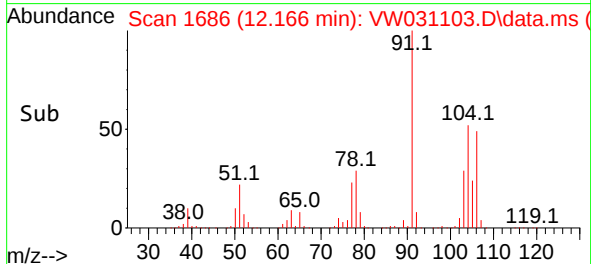
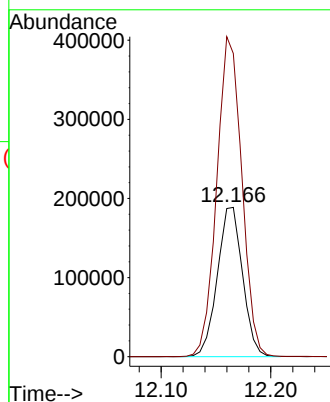
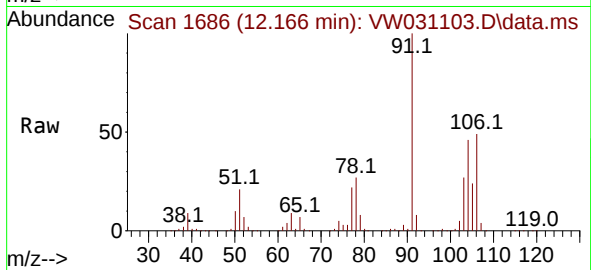
ClientSampleId :

Tgt Ion:106 Resp: 302085

Ion Ratio Lower Upper

106 100

91 203.0 152.7 283.5



#55

Styrene

Concen: 27.832 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW031103.D

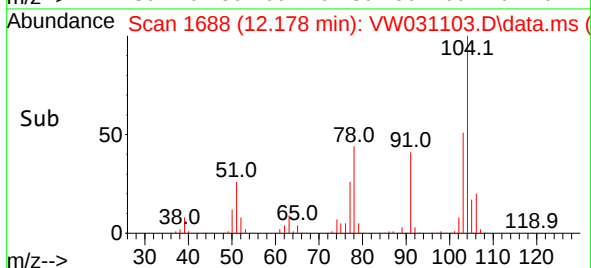
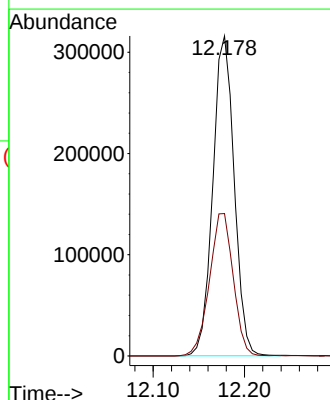
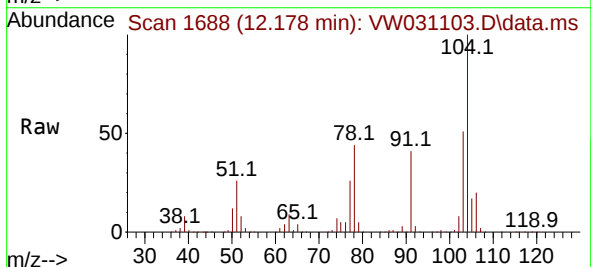
Acq: 25 Nov 2024 09:49

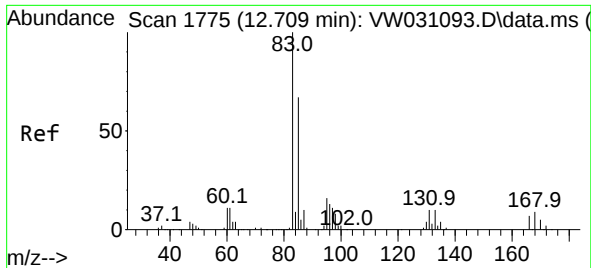
Tgt Ion:104 Resp: 512915

Ion Ratio Lower Upper

104 100

78 44.5 30.2 56.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.377 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

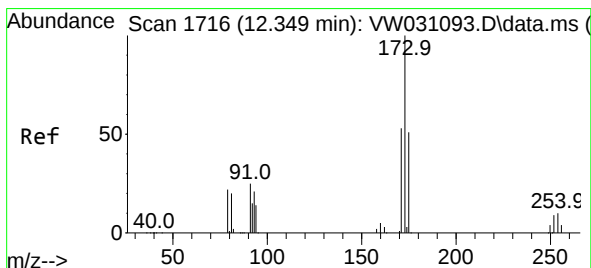
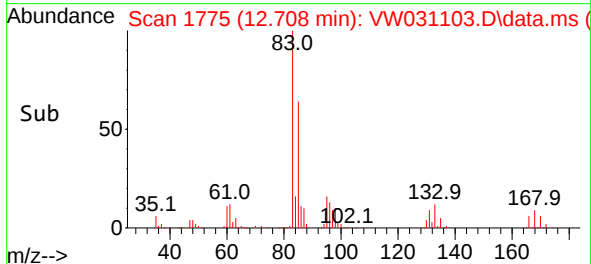
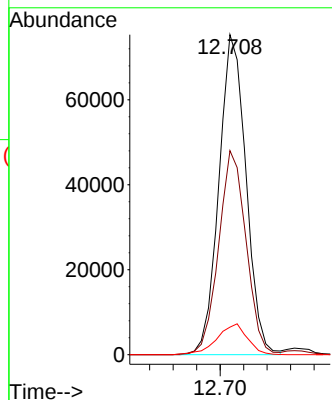
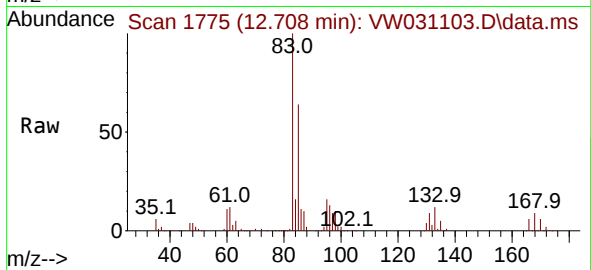
Tgt Ion: 83 Resp: 120565

Ion Ratio Lower Upper

83 100

85 63.7 48.3 89.7

131 8.6 8.9 13.3#



#59

Bromoform

Concen: 22.938 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

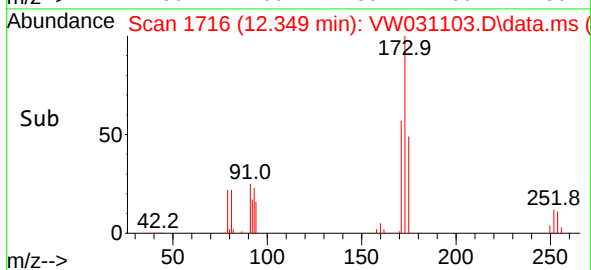
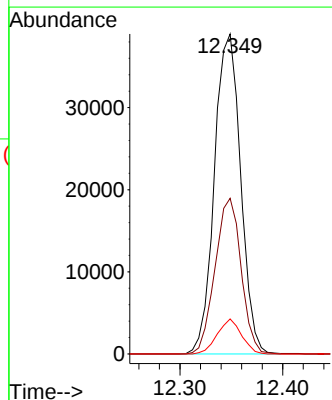
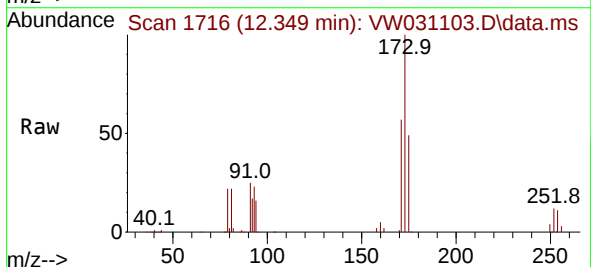
Tgt Ion:173 Resp: 69075

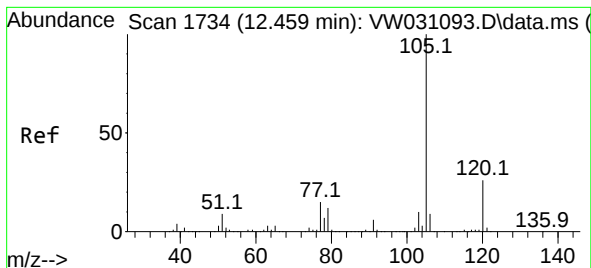
Ion Ratio Lower Upper

173 100

175 48.2 36.6 54.8

254 10.1 7.7 11.5





#60

Isopropylbenzene

Concen: 27.745 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

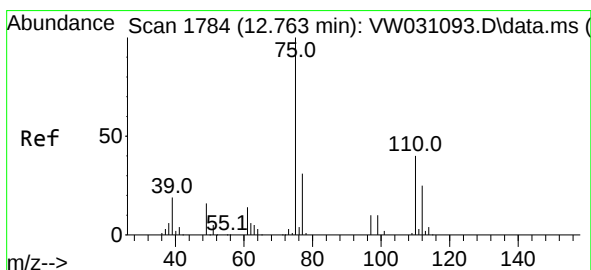
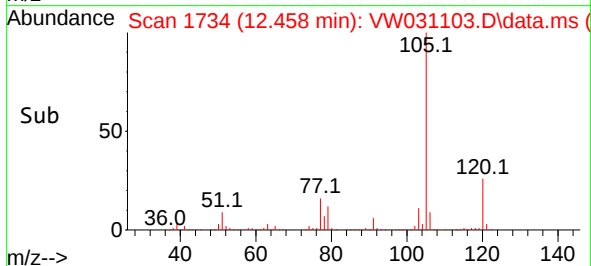
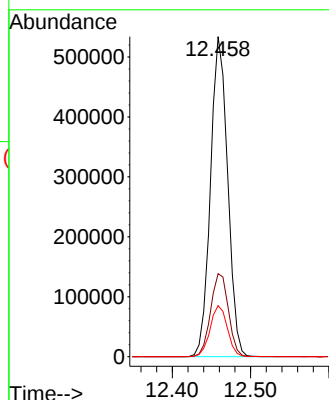
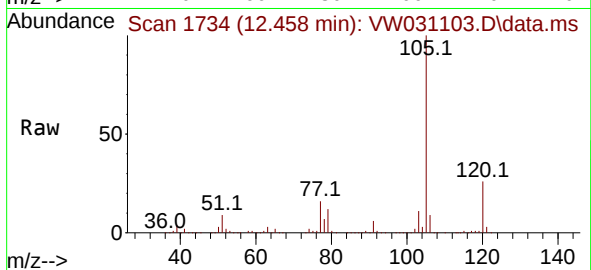
Tgt Ion:105 Resp: 813399

Ion Ratio Lower Upper

105 100

120 26.8 21.5 32.3

77 16.0 12.3 18.5



#61

1,2,3-Trichloropropane

Concen: 22.491 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

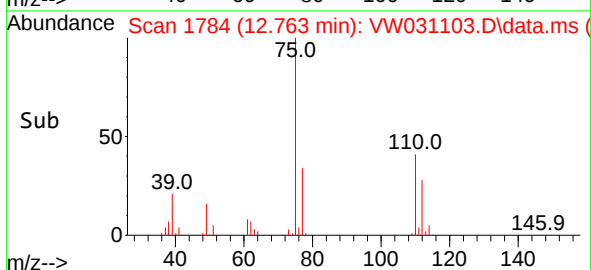
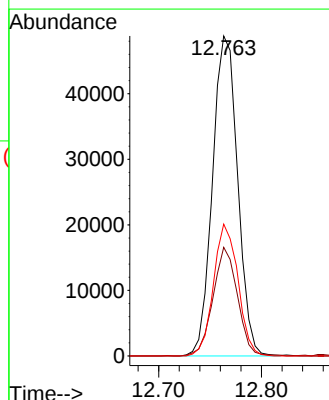
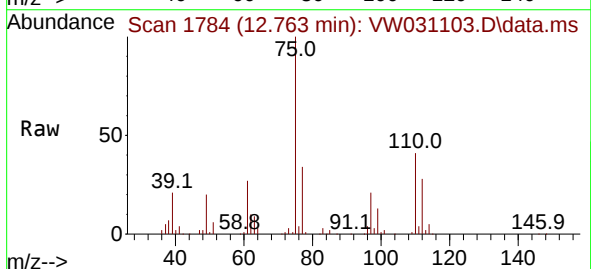
Tgt Ion: 75 Resp: 82848

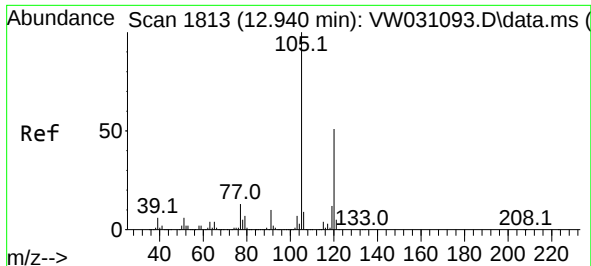
Ion Ratio Lower Upper

75 100

77 33.0 25.4 38.2

110 40.1 33.1 49.7

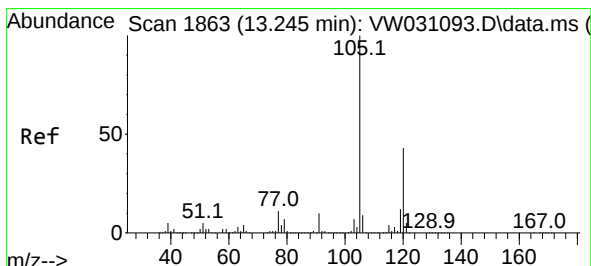
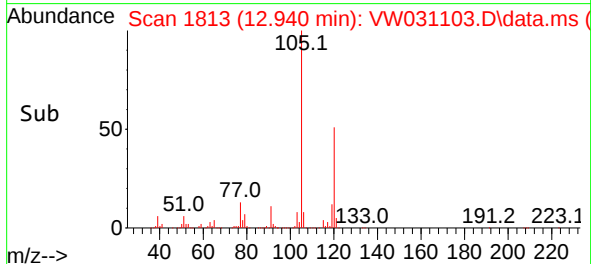
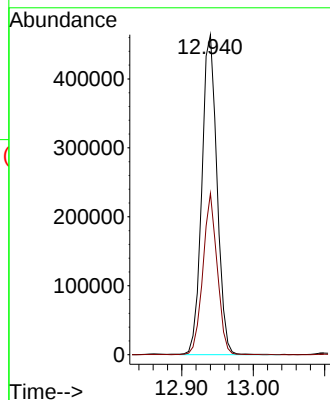
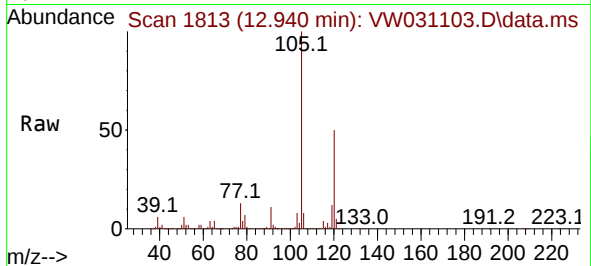




#62
1,3,5-Trimethylbenzene
Concen: 29.489 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

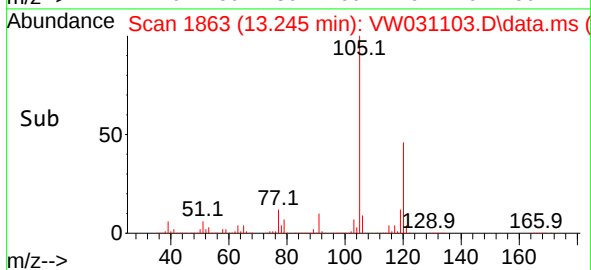
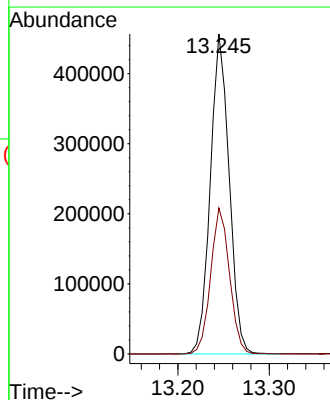
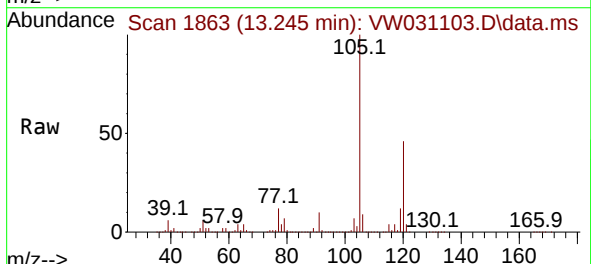
Instrument :
MSVOA_W
ClientSampleId :

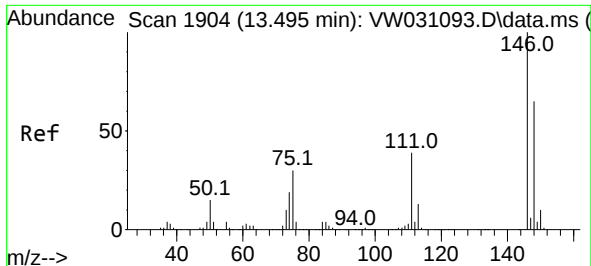
Tgt Ion:105 Resp: 681962
Ion Ratio Lower Upper
105 100
120 47.7 40.5 60.7



#63
1,2,4-Trimethylbenzene
Concen: 28.620 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

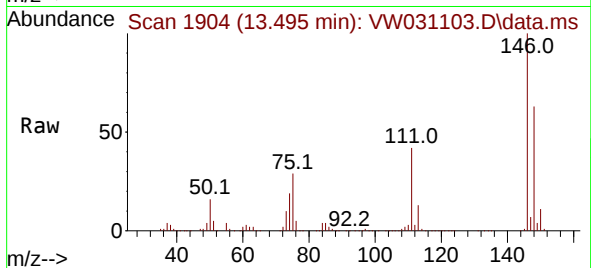
Tgt Ion:105 Resp: 652853
Ion Ratio Lower Upper
105 100
120 45.7 35.4 53.0



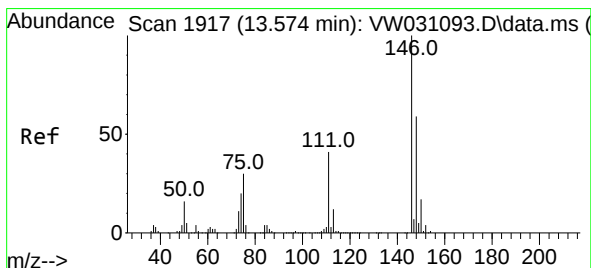
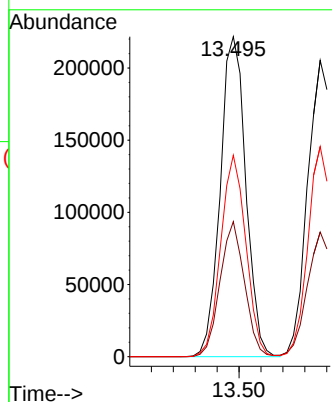
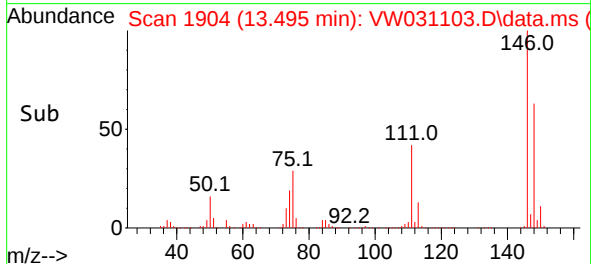


#64
1,3-Dichlorobenzene
Concen: 26.874 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Instrument :
MSVOA_W
ClientSampleId :

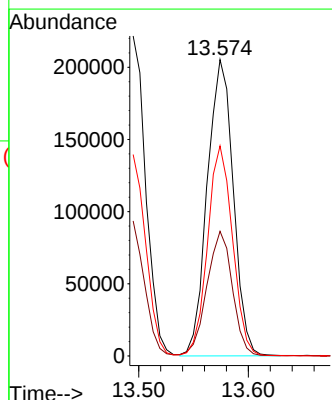
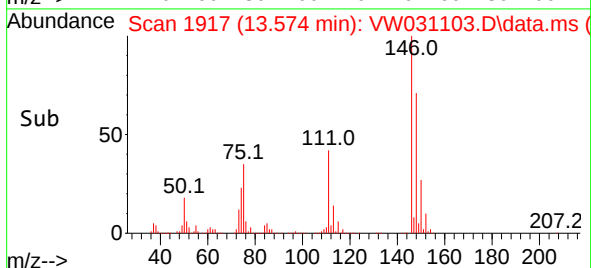
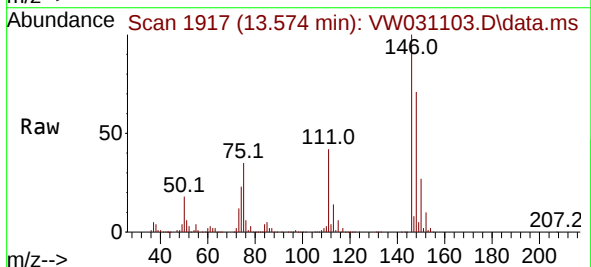


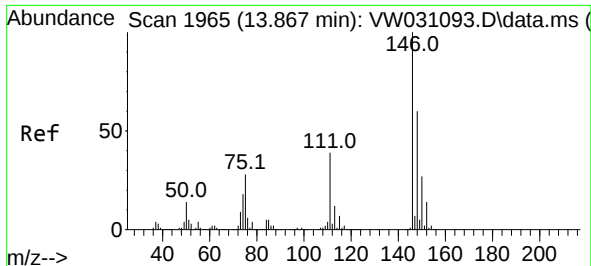
Tgt Ion:146 Resp: 359316
Ion Ratio Lower Upper
146 100
111 42.2 28.5 52.9
148 63.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 24.348 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion:146 Resp: 338731
Ion Ratio Lower Upper
146 100
111 42.0 26.6 49.4
148 70.9 42.1 78.1

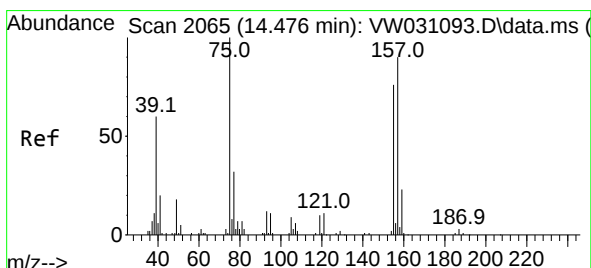
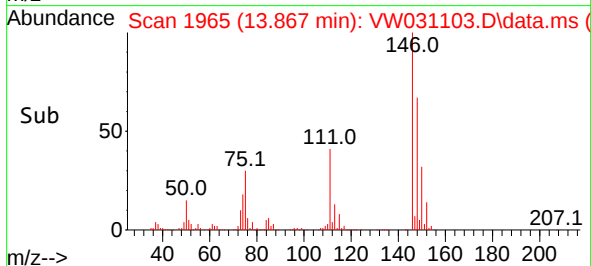
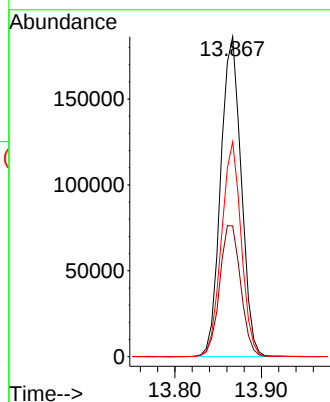
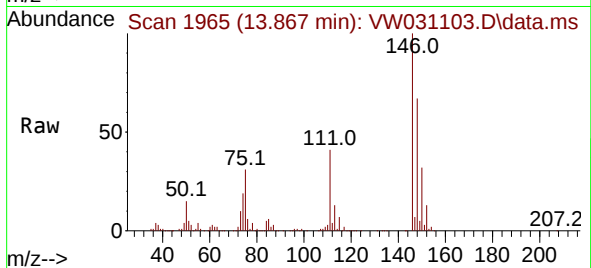




#67
1,2-Dichlorobenzene
Concen: 25.532 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

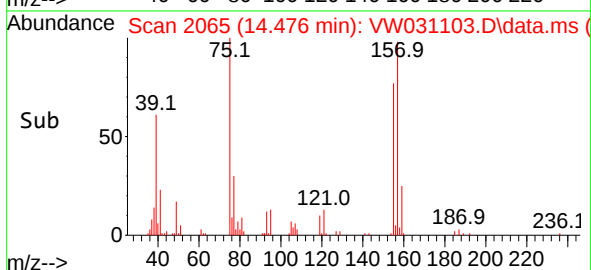
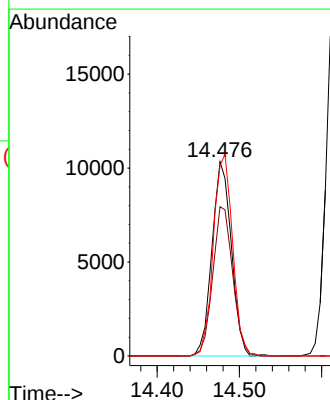
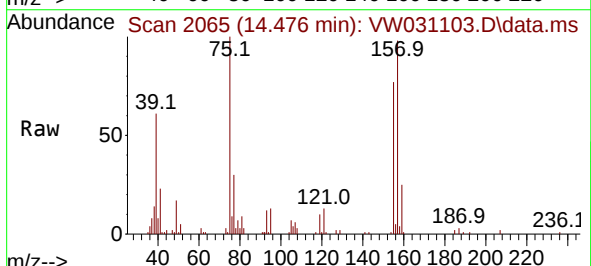
Instrument :
MSVOA_W
ClientSampleId :

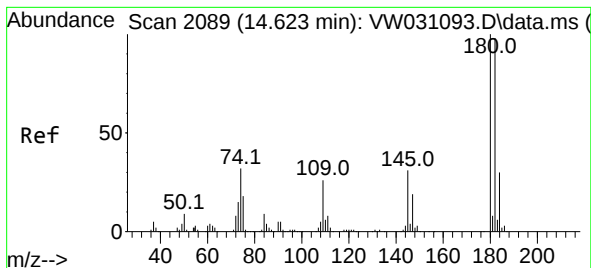
Tgt Ion:146 Resp: 306019
Ion Ratio Lower Upper
146 100
111 40.8 30.9 46.3
148 67.1 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 21.052 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW031103.D
Acq: 25 Nov 2024 09:49

Tgt Ion: 75 Resp: 16949
Ion Ratio Lower Upper
75 100
155 76.9 63.1 94.7
157 98.1 82.1 123.1





#69

1,3,5-Trichlorobenzene

Concen: 26.847 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 245381

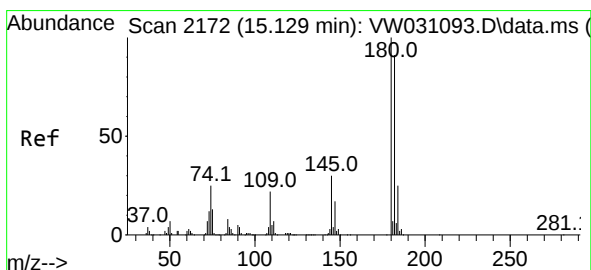
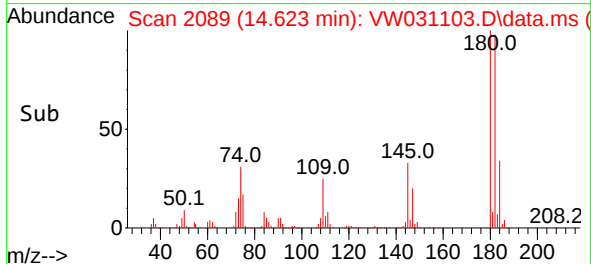
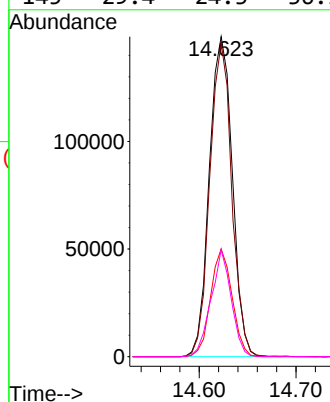
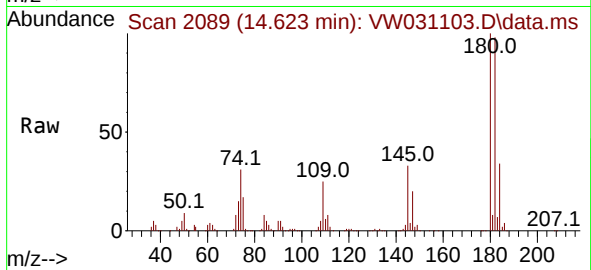
Ion Ratio Lower Upper

180 100

182 93.8 78.2 117.2

184 31.4 24.0 36.0

145 29.4 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 25.680 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

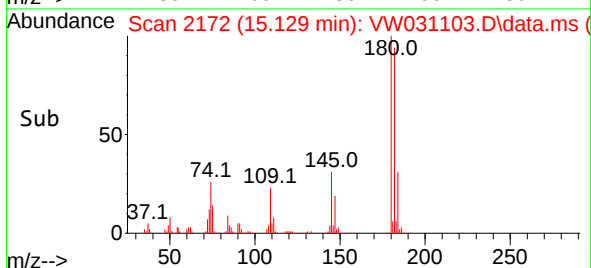
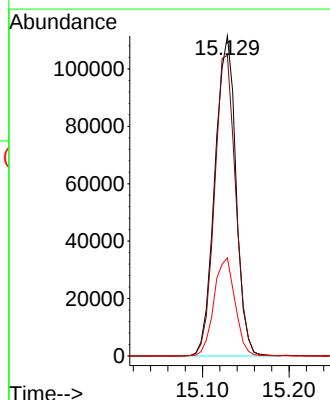
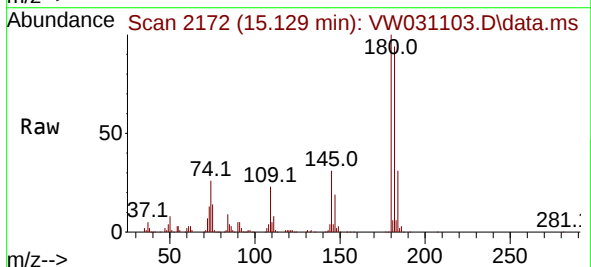
Tgt Ion:180 Resp: 187707

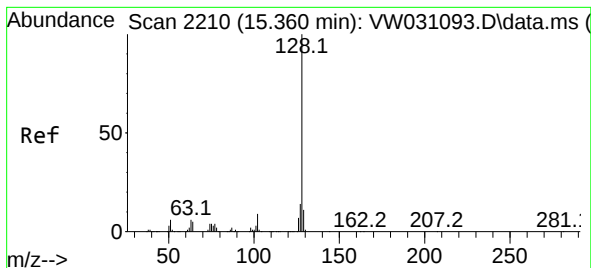
Ion Ratio Lower Upper

180 100

182 94.4 76.1 114.1

145 30.8 25.7 38.5





#71

Naphthalene

Concen: 23.547 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Instrument :

MSVOA_W

ClientSampleId :

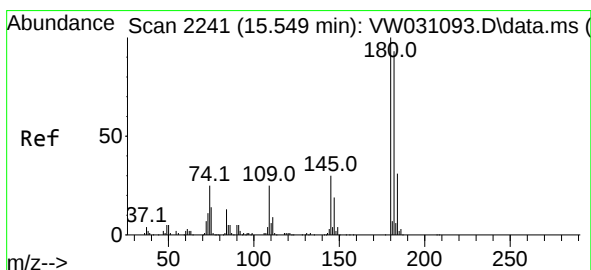
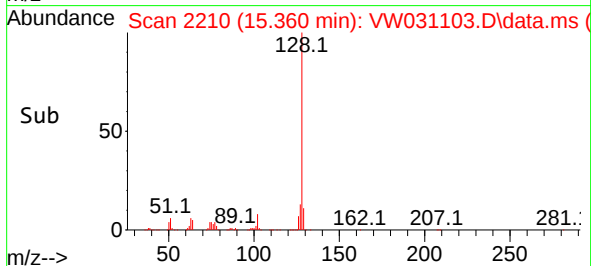
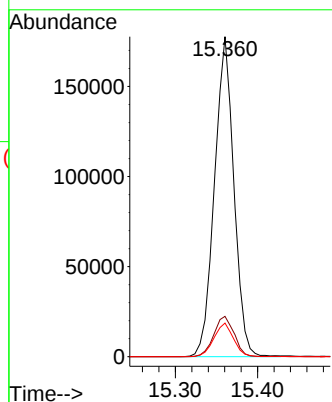
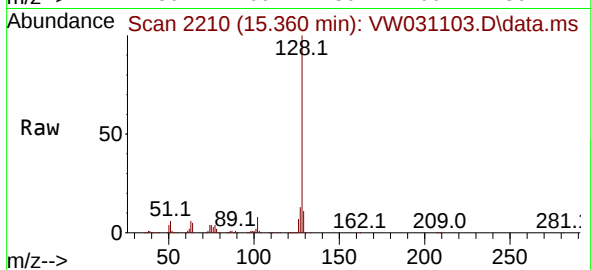
Tgt Ion:128 Resp: 290999

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.6 8.3 12.5



#72

1,2,3-Trichlorobenzene

Concen: 24.626 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW031103.D

Acq: 25 Nov 2024 09:49

Tgt Ion:180 Resp: 160213

Ion Ratio Lower Upper

180 100

182 95.7 78.7 118.1

145 33.7 26.3 39.5

