

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122724\
 Data File : VW031541.D
 Acq On : 27 Dec 2024 09:51
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 22:01:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 27 00:21:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	533668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	463438	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	225947	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	164741	20.517	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.080%
7) Chloroethane-d5	2.899	69	142371	23.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.880%
11) 1,1-Dichloroethene-d2	4.015	65	74110	19.457	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.840%
21) 2-Butanone-d5	7.100	46	61585	40.726	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.460%
24) Chloroform-d	7.648	84	338737	23.166	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	8.307	65	157857	21.496	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.000%
32) Benzene-d6	8.270	84	637004	21.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	9.270	67	189735	21.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.680%
41) Toluene-d8	10.319	98	593639	21.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	85.920%
43) trans-1,3-Dichloroprop...	10.575	79	70512	17.665	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.640%
47) 2-Hexanone-d5	10.922	63	44687	38.384	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	123048	22.638	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.560%
66) 1,2-Dichlorobenzene-d4	13.848	152	192032	22.893	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	130614	27.081	ug/L	98
3) Chloromethane	2.222	50	135237	24.959	ug/L	100
5) Vinyl chloride	2.369	62	213855	28.480	ug/L	97
6) Bromomethane	2.796	94	132265	28.651	ug/L	99
8) Chloroethane	2.930	64	135992	30.453	ug/L	99
9) Trichlorofluoromethane	3.271	101	235387	29.426	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	187025	28.953	ug/L	96
12) 1,1-Dichloroethene	4.039	96	174647	26.695	ug/L	87
13) Acetone	4.179	43	80643	38.293	ug/L #	100
14) Carbon disulfide	4.387	76	432347	20.263	ug/L	99
15) Methyl Acetate	4.698	43	47043	19.667	ug/L	98
16) Methylene chloride	4.917	84	195591	29.129	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	180628	25.613	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	267207	22.665	ug/L	98
19) 1,1-Dichloroethane	6.216	63	352387	26.740	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	203137	26.624	ug/L	94
22) 2-Butanone	7.185	43	95798	37.543	ug/L	97
23) Bromochloromethane	7.514	128	79251	26.044	ug/L	92
25) Chloroform	7.673	83	359105	27.611	ug/L	99

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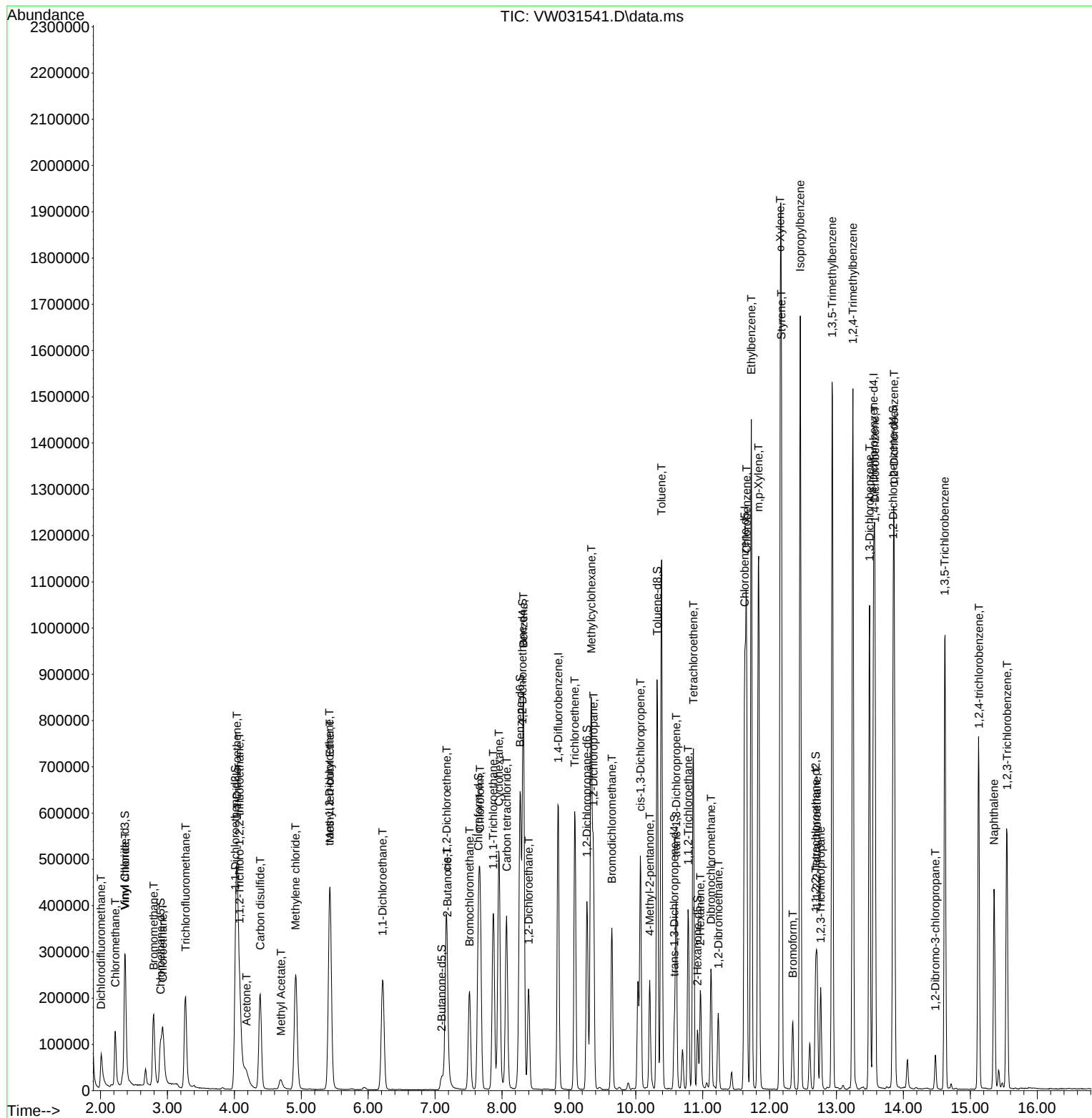
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	206951	25.310	ug/L	100
29) Cyclohexane	7.953	56	304565	24.233	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	313554	26.177	ug/L	98
31) Carbon tetrachloride	8.069	117	275232	25.791	ug/L	98
33) Benzene	8.319	78	761442	26.587	ug/L	100
34) Trichloroethene	9.087	95	215162	26.611	ug/L	95
35) Methylcyclohexane	9.337	83	356290	25.303	ug/L	97
37) 1,2-Dichloropropane	9.368	63	187427	26.234	ug/L	100
38) Bromodichloromethane	9.642	83	234569	25.255	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	291996	24.186	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	150511	39.707	ug/L	98
42) Toluene	10.386	91	841454	26.986	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	222379	22.558	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	121308	25.527	ug/L	98
46) Tetrachloroethene	10.861	164	165952	28.020	ug/L	90
48) 2-Hexanone	10.965	43	136209	42.251	ug/L	98
49) Dibromochloromethane	11.123	129	132665	23.551	ug/L	96
50) 1,2-Dibromoethane	11.233	107	110261	24.493	ug/L	95
51) Chlorobenzene	11.654	112	533461	27.287	ug/L	99
52) Ethylbenzene	11.727	91	995049	27.535	ug/L	95
53) m,p-Xylene	11.837	106	379294	27.570	ug/L	95
54) o-Xylene	12.160	106	347235	26.781	ug/L	94
55) Styrene	12.178	104	591429	27.423	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	126105	24.616	ug/L	97
59) Bromoform	12.349	173	64186	20.221	ug/L	97
60) Isopropylbenzene	12.458	105	1066115	28.833	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	89033	23.028	ug/L	98
62) 1,3,5-Trimethylbenzene	12.934	105	831792	26.534	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	807125	26.639	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	412677	27.547	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	401409	27.043	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	346333	26.831	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	17921	18.265	ug/L	96
69) 1,3,5-Trichlorobenzene	14.617	180	302380	28.820	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	232520	26.642	ug/L	98
71) Naphthalene	15.354	128	366749	23.968	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	187875	26.718	ug/L	98

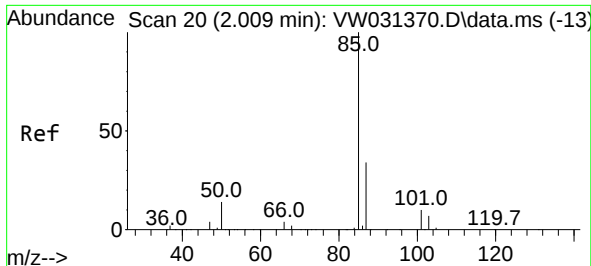
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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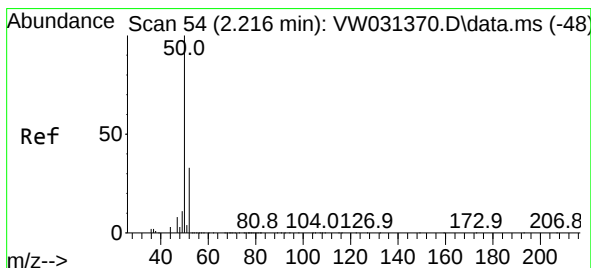
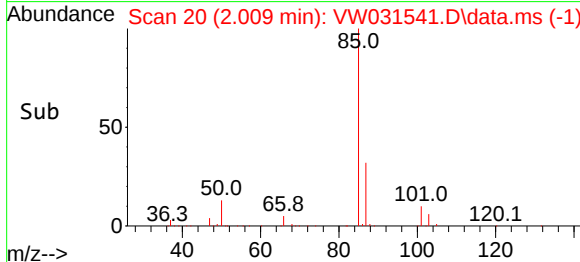
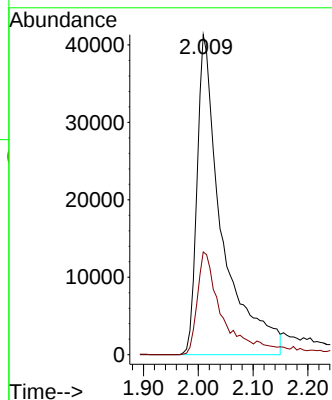
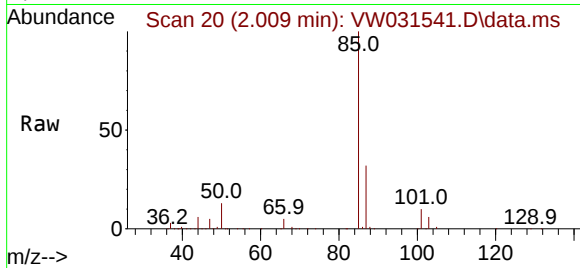




#2
 Dichlorodifluoromethane
 Concen: 27.081 ug/L
 RT: 2.009 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VW031541.D
 Acq: 27 Dec 2024 09:51

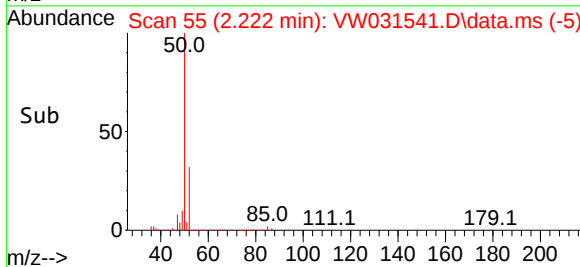
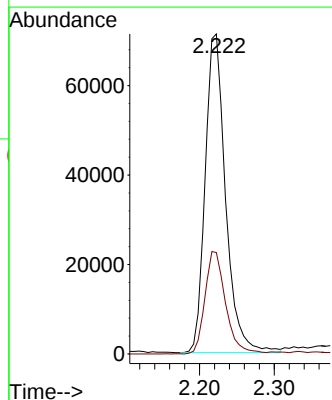
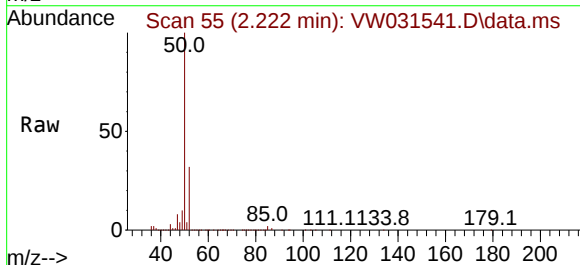
Instrument :
 MSVOA_W
 ClientSampleId :

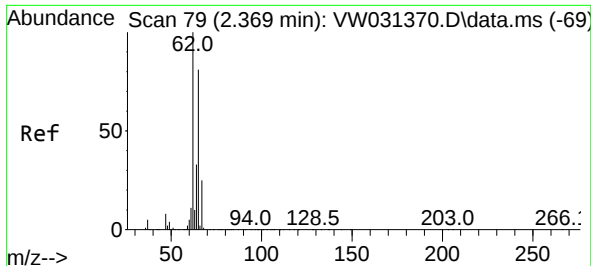
Tgt Ion: 85 Resp: 130614
 Ion Ratio Lower Upper
 85 100
 87 29.8 24.9 37.3



#3
 Chloromethane
 Concen: 24.959 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW031541.D
 Acq: 27 Dec 2024 09:51

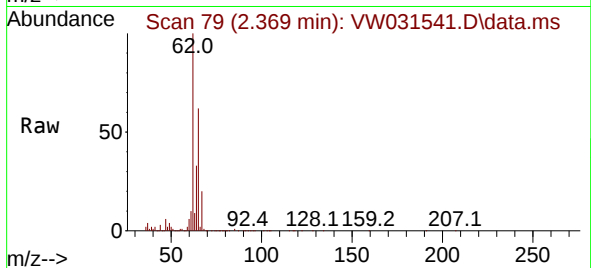
Tgt Ion: 50 Resp: 135237
 Ion Ratio Lower Upper
 50 100
 52 31.7 22.0 41.0



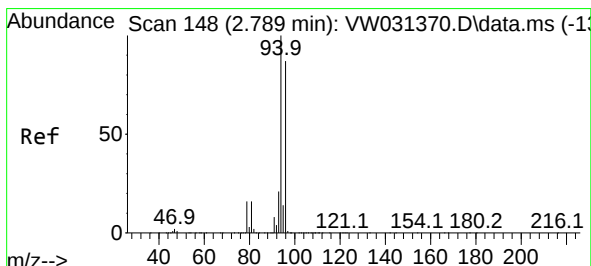
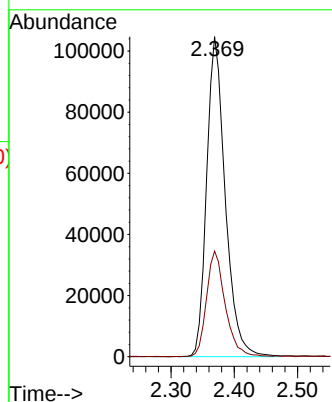
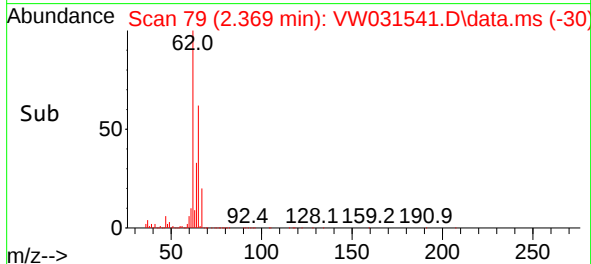


#5
 Vinyl chloride
 Concen: 28.480 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: VW031541.D
 Acq: 27 Dec 2024 09:51

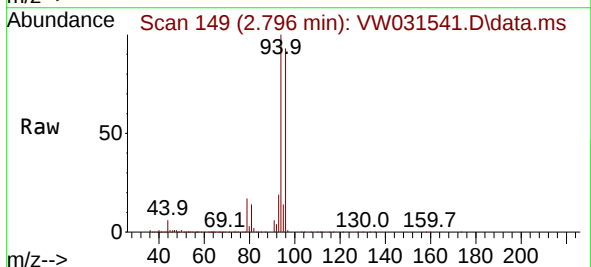
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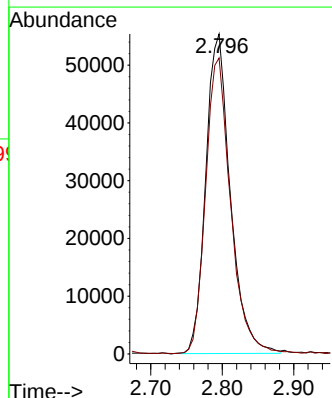
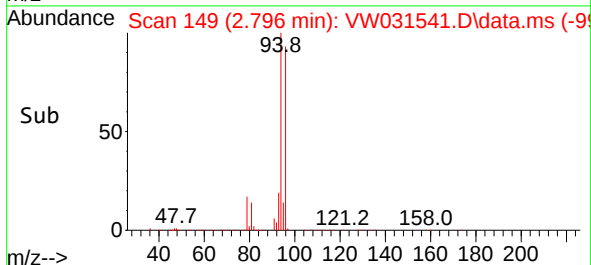
Tgt Ion: 62 Resp: 213855
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.1 44.8

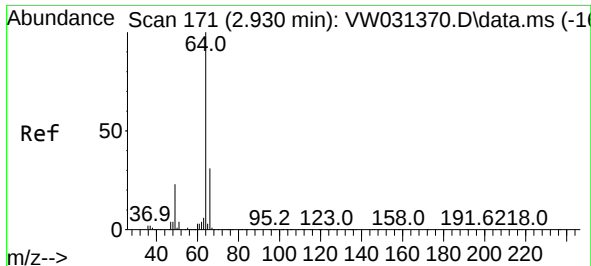


#6
 Bromomethane
 Concen: 28.651 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW031541.D
 Acq: 27 Dec 2024 09:51



Tgt Ion: 94 Resp: 132265
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.6 121.8

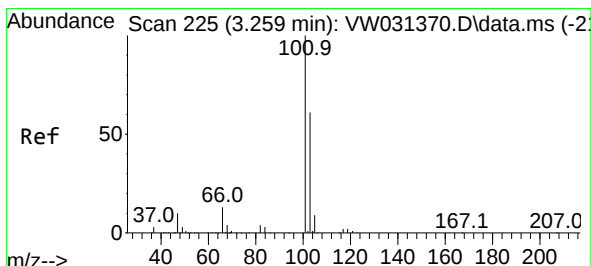
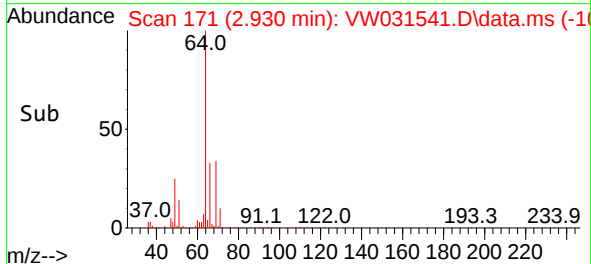
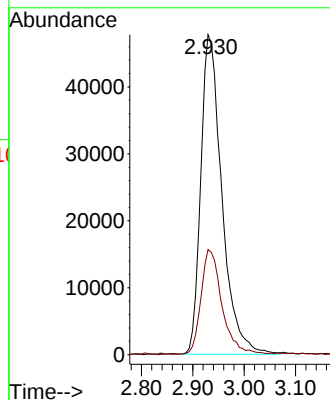
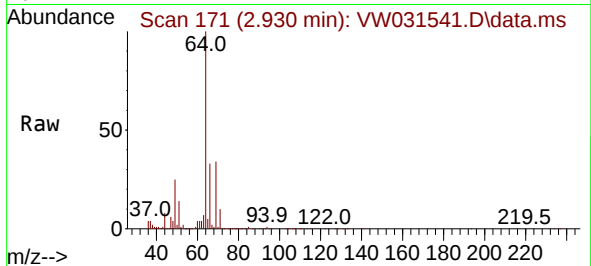




#8
Chloroethane
Concen: 30.453 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

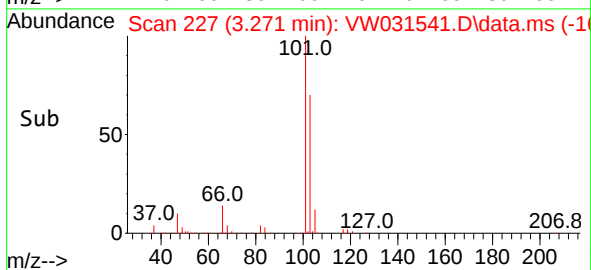
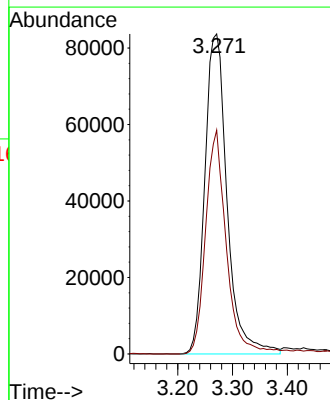
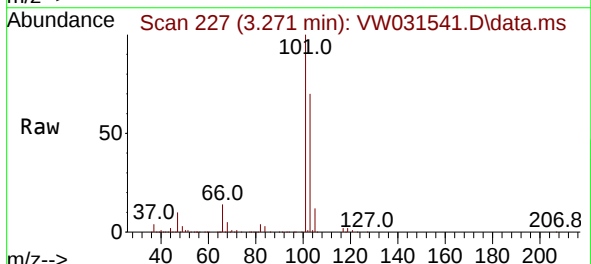
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MSVOA_W
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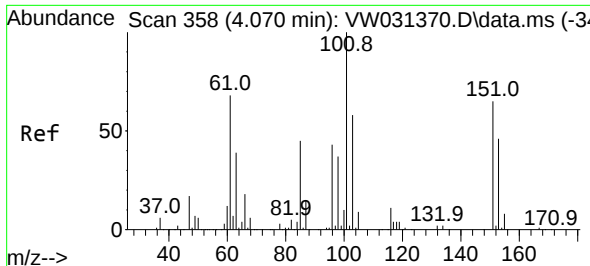
Tgt Ion: 64 Resp: 135992
Ion Ratio Lower Upper
64 100
66 32.8 22.7 42.3



#9
Trichlorofluoromethane
Concen: 29.426 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion:101 Resp: 235387
Ion Ratio Lower Upper
101 100
103 65.0 51.6 77.4

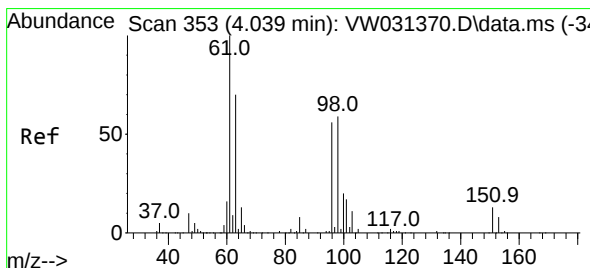
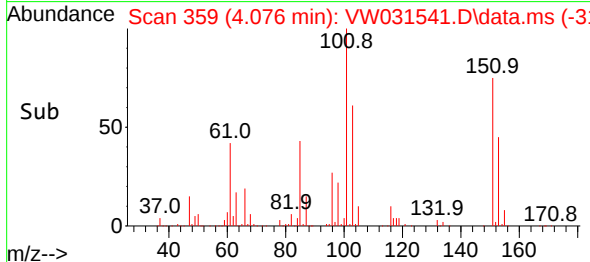
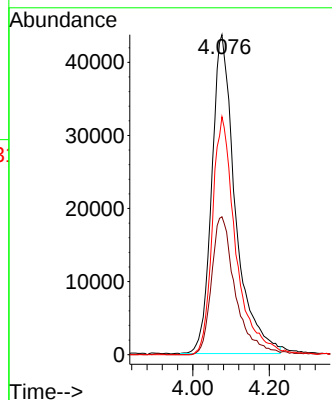
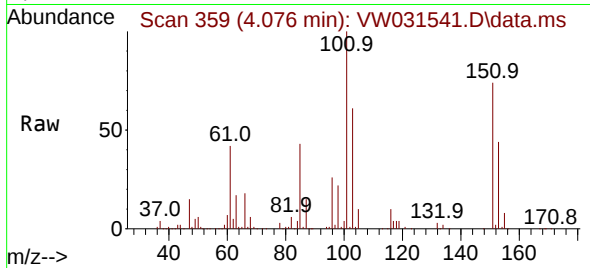




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.953 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW031541.D
 Acq: 27 Dec 2024 09:51

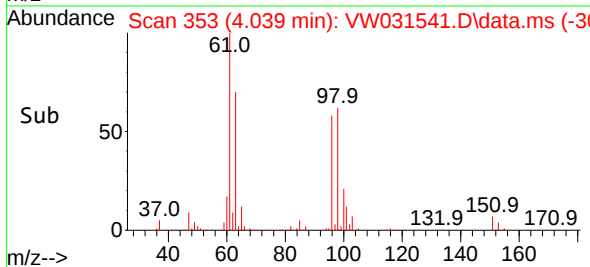
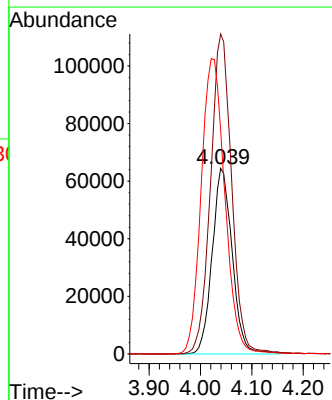
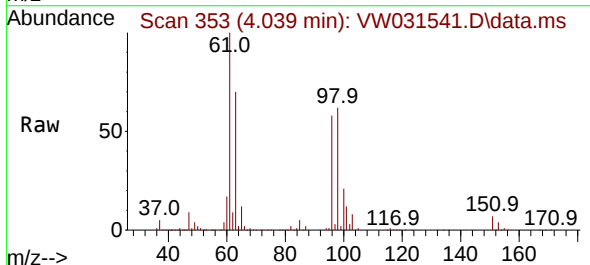
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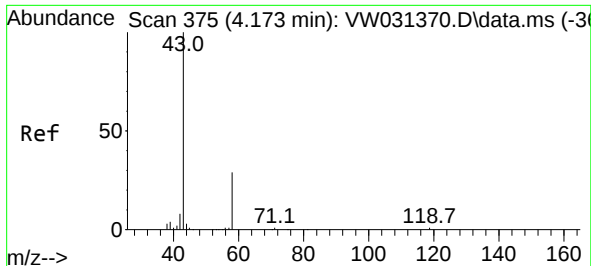
Tgt Ion:101 Resp: 187025
 Ion Ratio Lower Upper
 101 100
 85 41.6 33.0 49.4
 151 73.6 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 26.695 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031541.D
 Acq: 27 Dec 2024 09:51

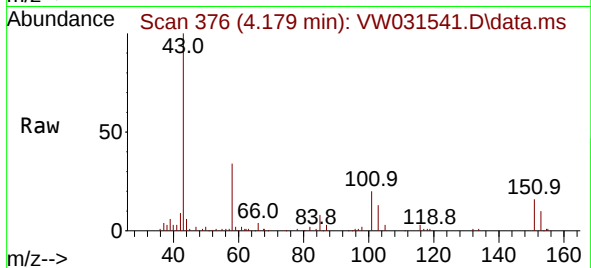
Tgt Ion: 96 Resp: 174647
 Ion Ratio Lower Upper
 96 100
 61 172.4 125.3 232.7
 63 120.4 104.6 194.2



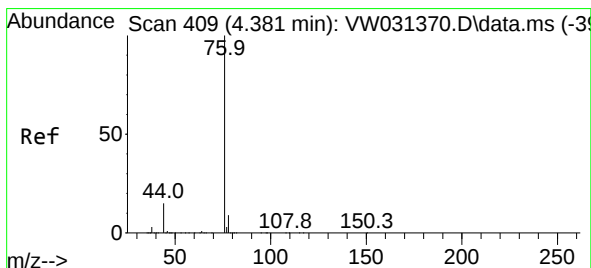
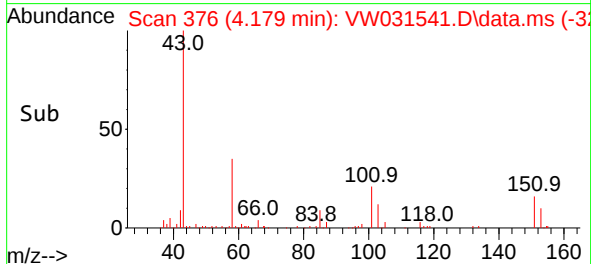
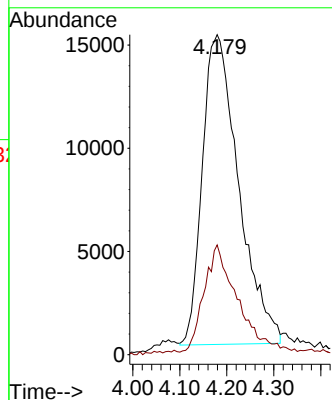


#13
Acetone
Concen: 38.293 ug/L
RT: 4.179 min Scan# 31
Delta R.T. -0.000 min
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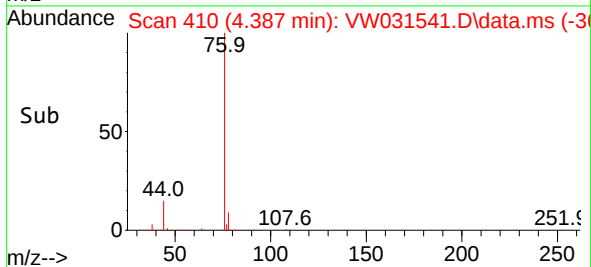
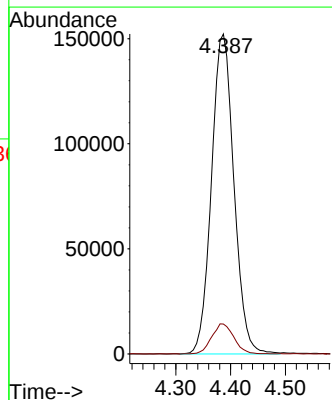
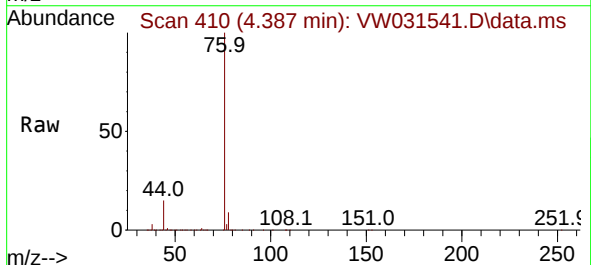


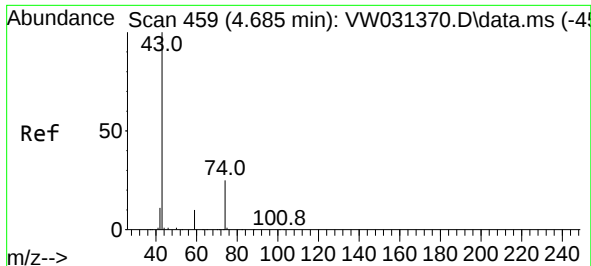
Tgt Ion: 43 Resp: 80643
Ion Ratio Lower Upper
43 100
58 29.8 0.0 0.0#



#14
Carbon disulfide
Concen: 20.263 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 432347
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

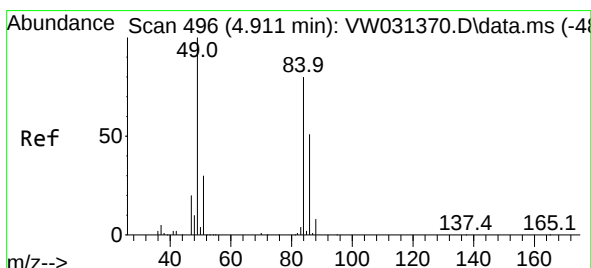
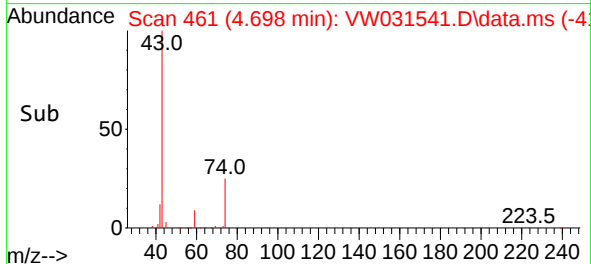
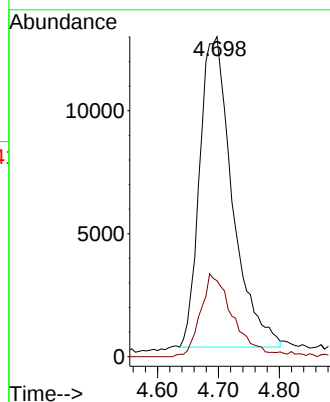
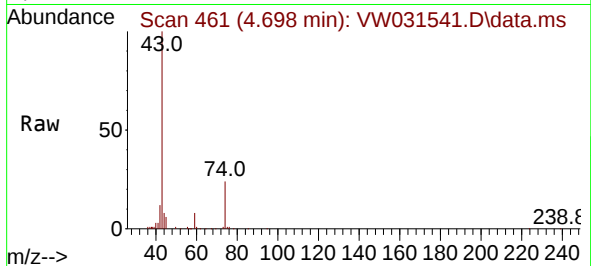




#15
Methyl Acetate
Concen: 19.667 ug/L
RT: 4.698 min Scan# 459
Delta R.T. 0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

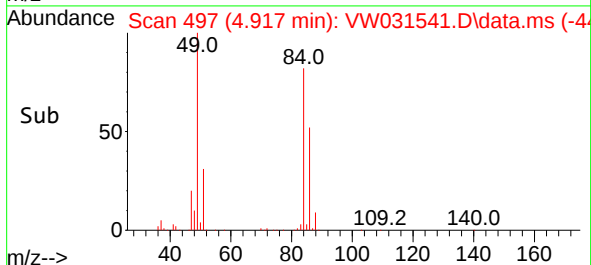
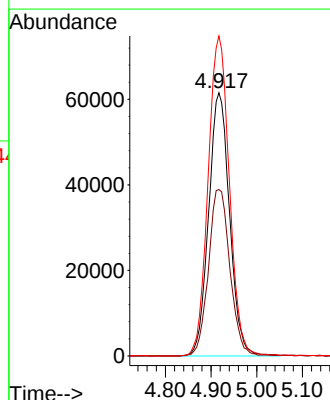
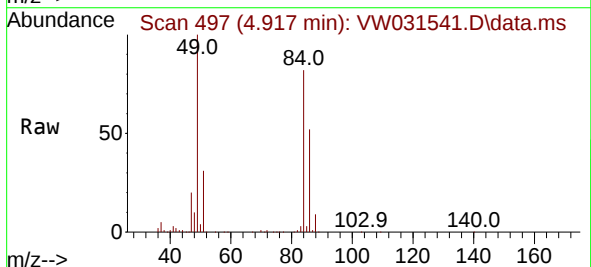
Instrument :
MSVOA_W
ClientSampleId :

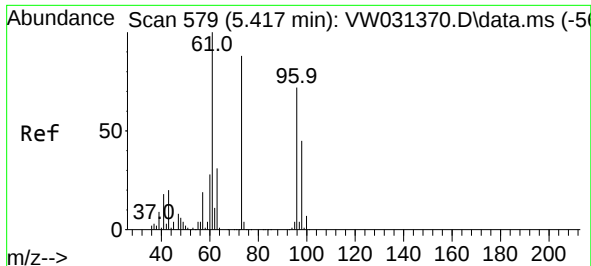
Tgt Ion: 43 Resp: 47043
Ion Ratio Lower Upper
43 100
74 24.8 18.9 28.3



#16
Methylene chloride
Concen: 29.129 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion: 84 Resp: 195591
Ion Ratio Lower Upper
84 100
86 63.3 44.7 82.9
49 121.6 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 25.613 ug/L

RT: 5.423 min Scan# 51

Delta R.T. -0.006 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

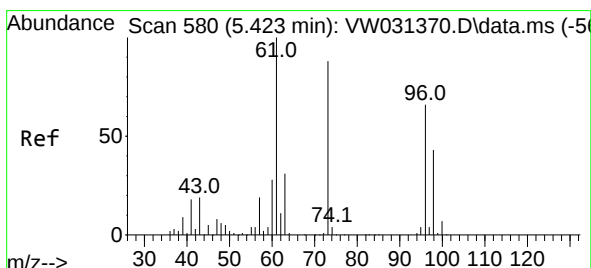
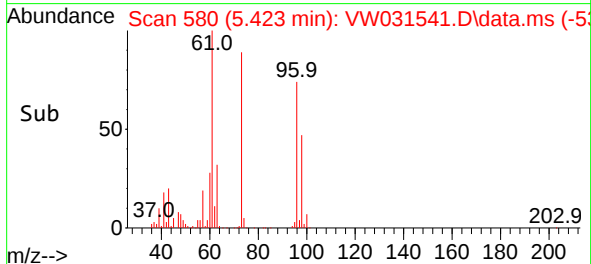
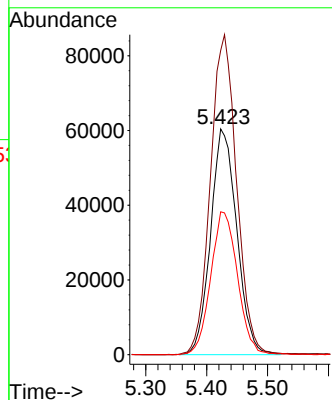
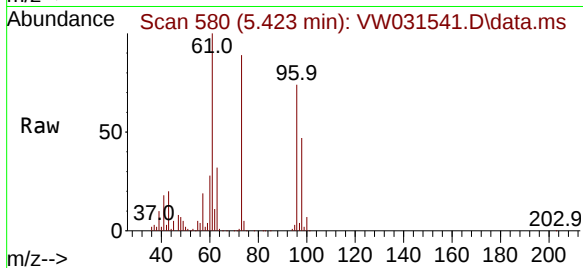
Tgt Ion: 96 Resp: 180628

Ion Ratio Lower Upper

96 100

61 134.7 100.7 187.1

98 63.3 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 22.665 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

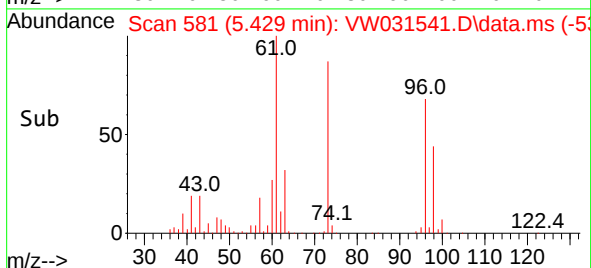
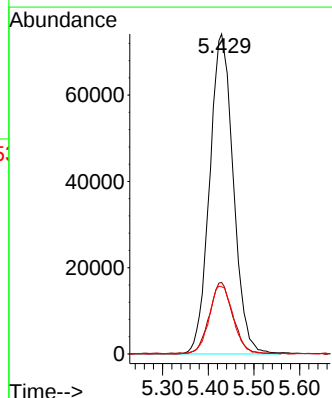
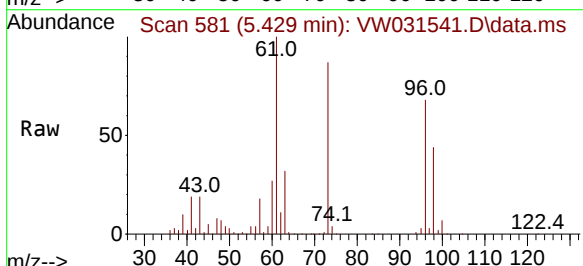
Tgt Ion: 73 Resp: 267207

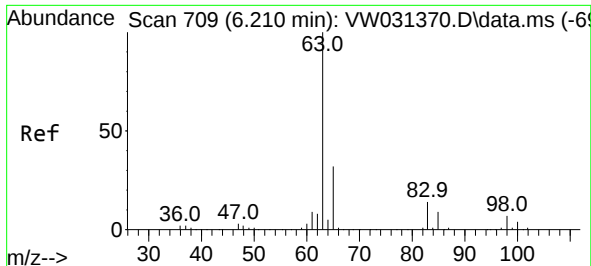
Ion Ratio Lower Upper

73 100

43 21.7 17.9 26.9

57 21.3 17.9 26.9





#19

1,1-Dichloroethane

Concen: 26.740 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

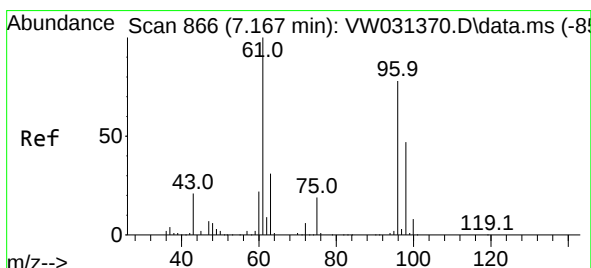
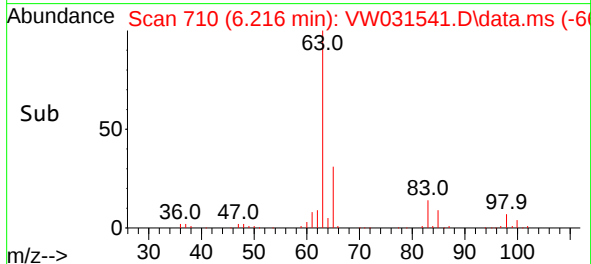
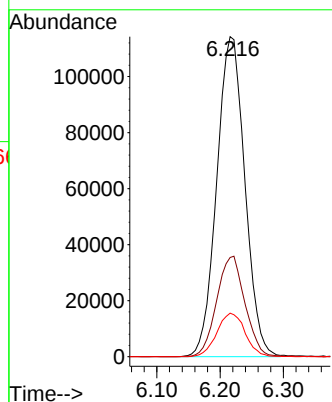
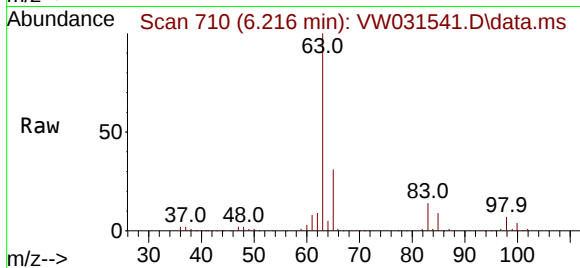
Tgt Ion: 63 Resp: 352387

Ion Ratio Lower Upper

63 100

65 31.0 21.9 40.7

83 13.6 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 26.624 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

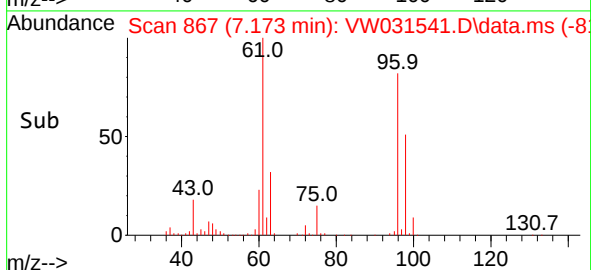
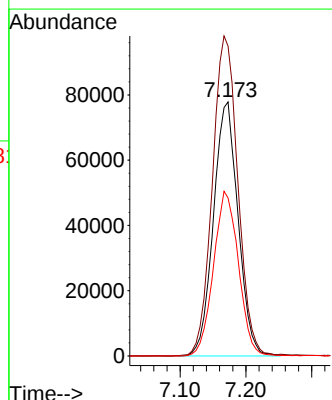
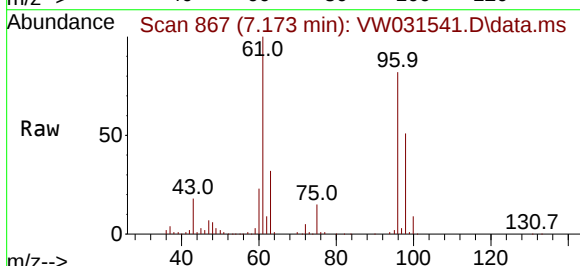
Tgt Ion: 96 Resp: 203137

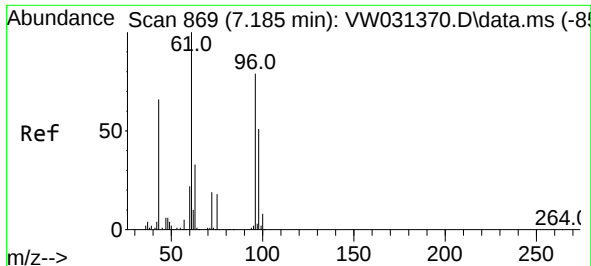
Ion Ratio Lower Upper

96 100

61 122.0 92.2 171.2

98 62.2 43.7 81.1

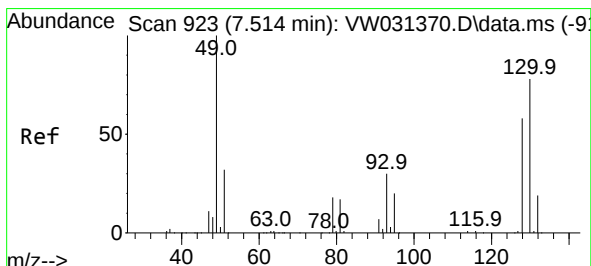
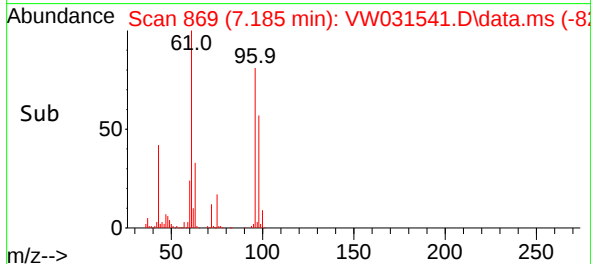
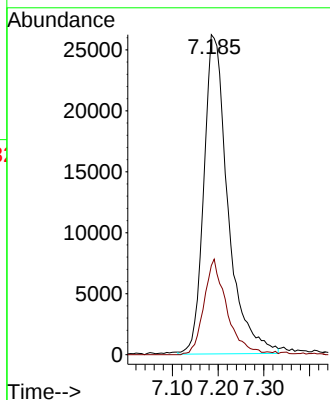
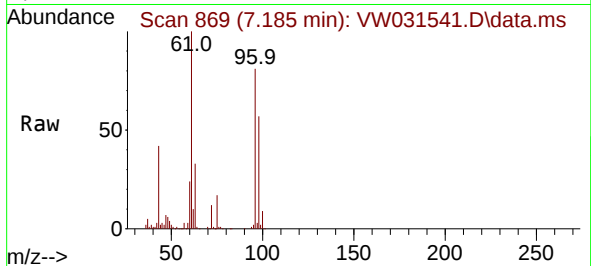




#22
2-Butanone
Concen: 37.543 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.012 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

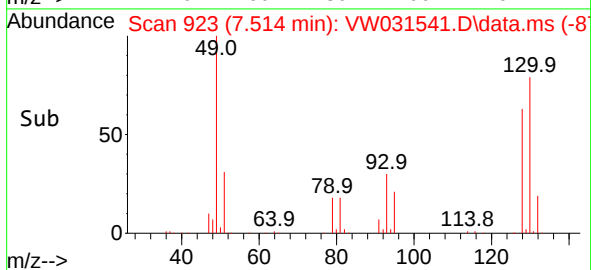
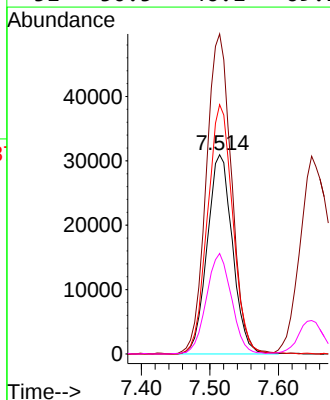
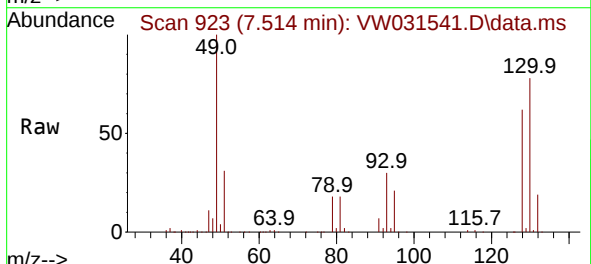
Instrument :
MSVOA_W
ClientSampleId :

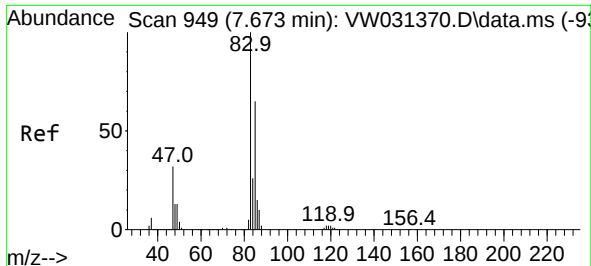
Tgt Ion: 43 Resp: 95798
Ion Ratio Lower Upper
43 100
72 27.9 13.3 39.8



#23
Bromochloromethane
Concen: 26.044 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion: 128 Resp: 79251
Ion Ratio Lower Upper
128 100
49 160.7 123.7 229.7
130 125.2 90.3 167.7
51 50.5 46.1 69.1

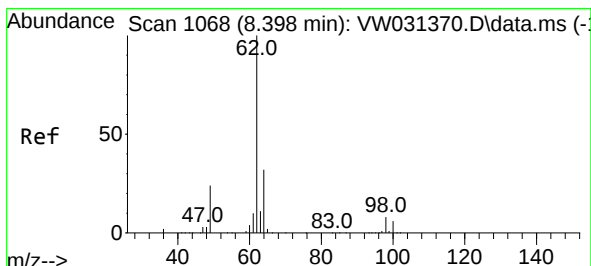
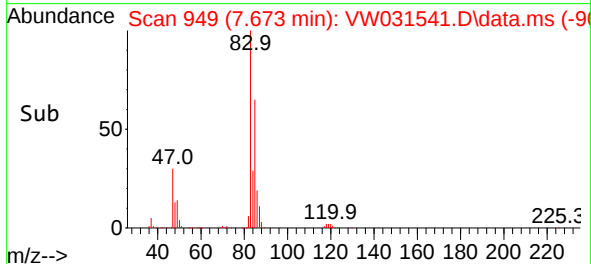
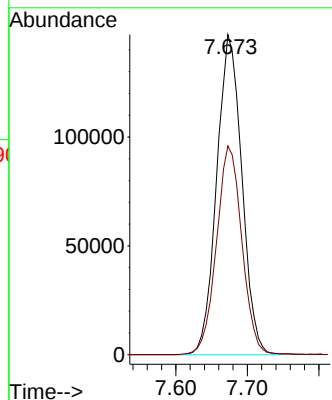
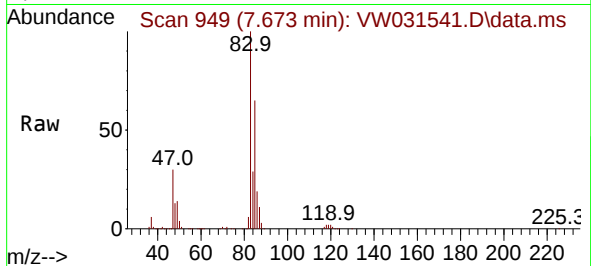




#25
Chloroform
Concen: 27.611 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

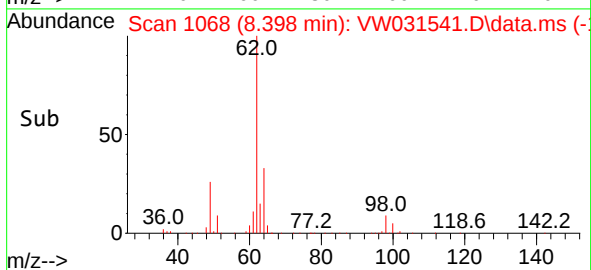
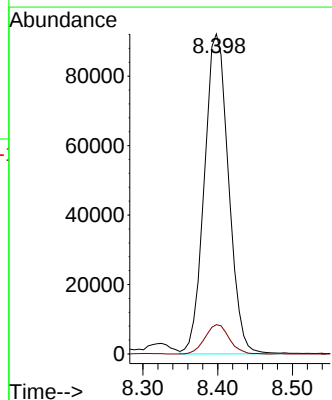
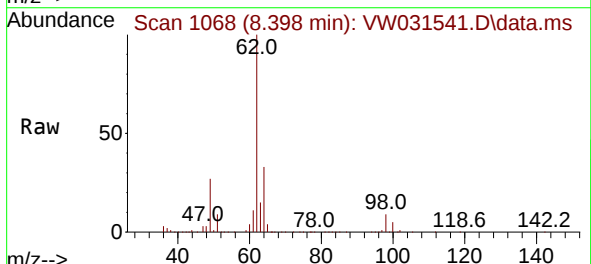
Instrument :
MSVOA_W
ClientSampleId :

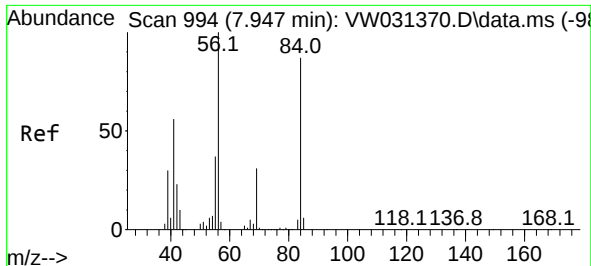
Tgt Ion: 83 Resp: 359105
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.5



#27
1,2-Dichloroethane
Concen: 25.310 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion: 62 Resp: 206951
Ion Ratio Lower Upper
62 100
98 9.1 7.2 10.8





#29

Cyclohexane

Concen: 24.233 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

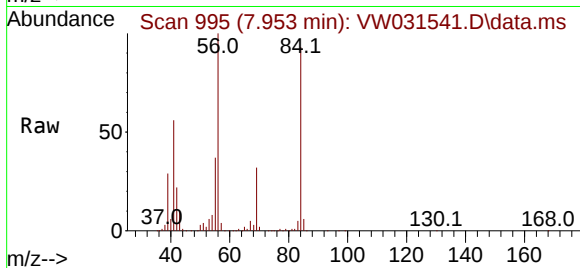
Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



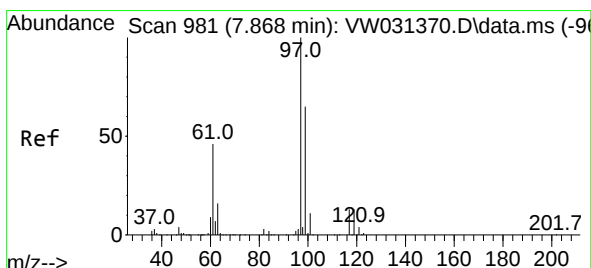
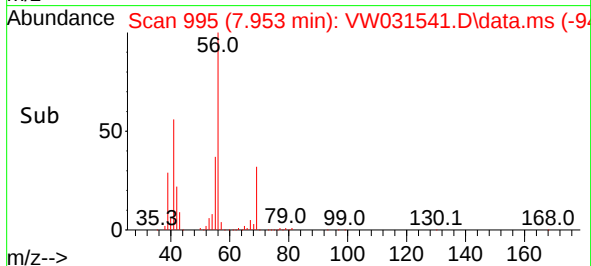
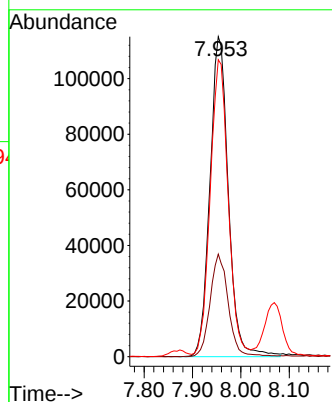
Tgt Ion: 56 Resp: 304565

Ion Ratio Lower Upper

56 100

69 31.6 25.0 37.4

84 90.8 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 26.177 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

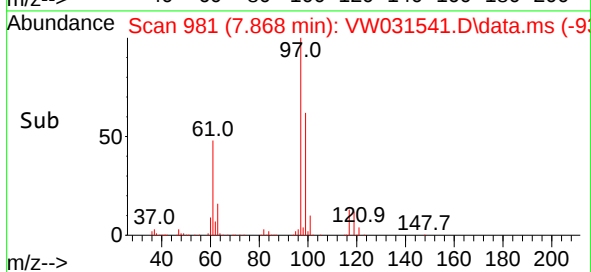
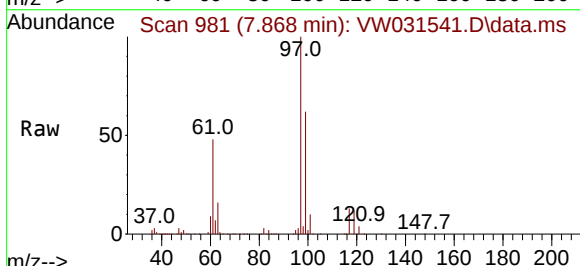
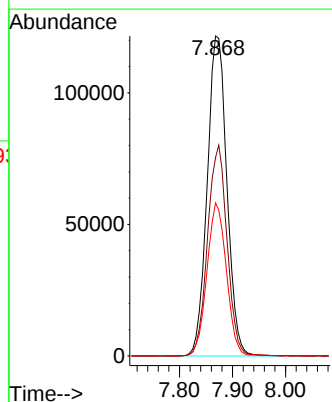
Tgt Ion: 97 Resp: 313554

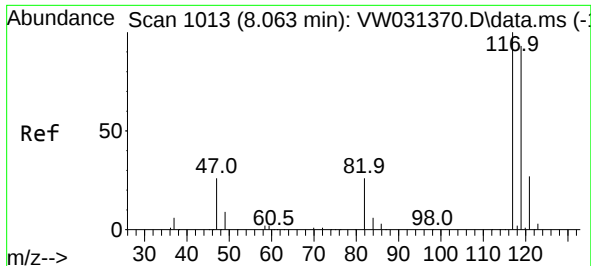
Ion Ratio Lower Upper

97 100

99 65.2 51.1 76.7

61 47.2 36.3 54.5

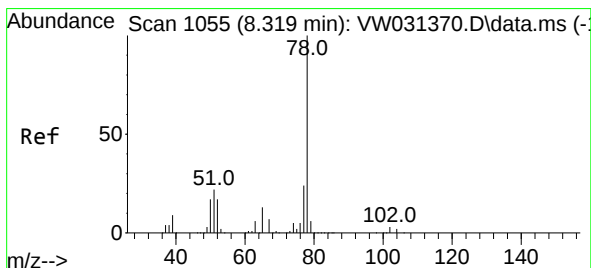
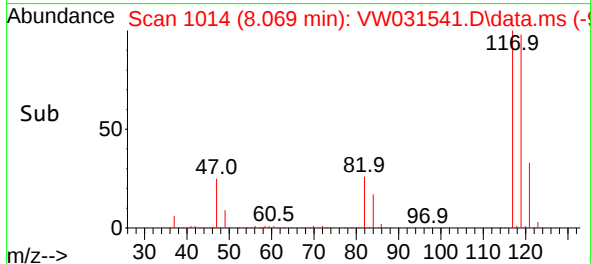
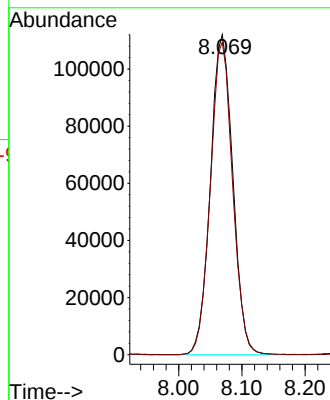
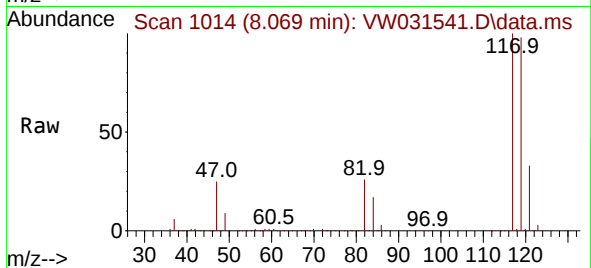




#31
Carbon tetrachloride
Concen: 25.791 ug/L
RT: 8.069 min Scan# 1013
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

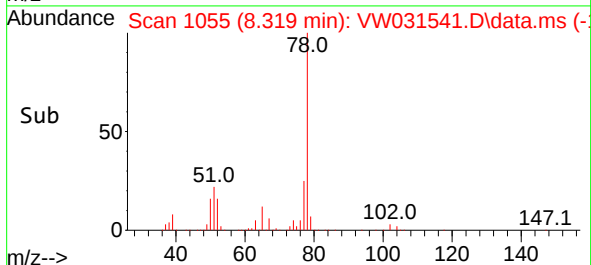
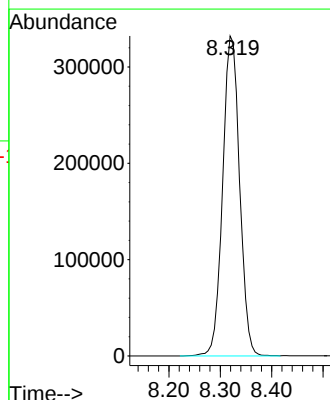
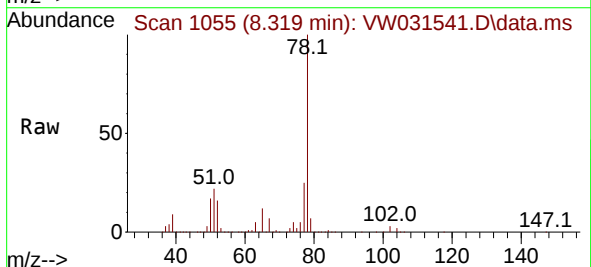
Instrument :
MSVOA_W
ClientSampleId :

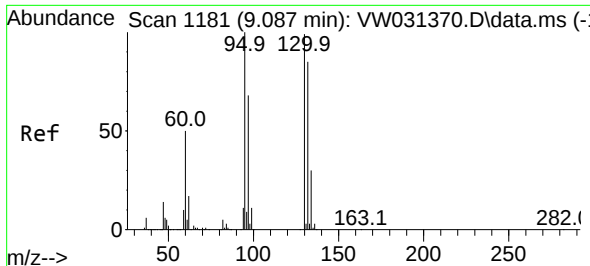
Tgt Ion:117 Resp: 275232
Ion Ratio Lower Upper
117 100
119 97.0 76.0 114.0



#33
Benzene
Concen: 26.587 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

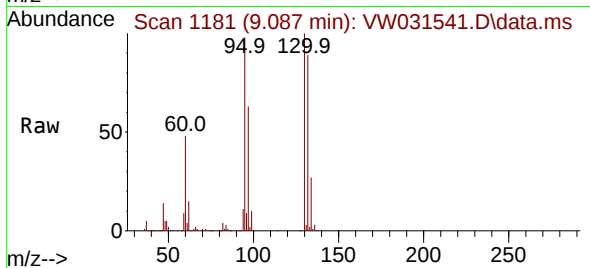
Tgt Ion: 78 Resp: 761442





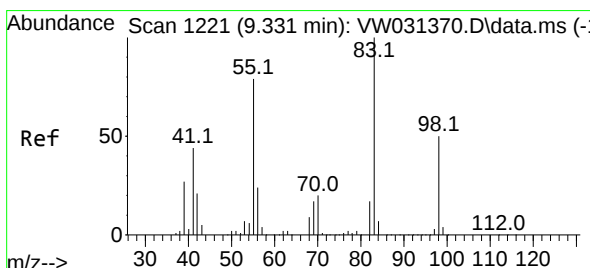
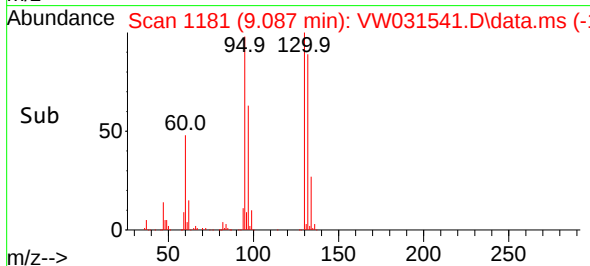
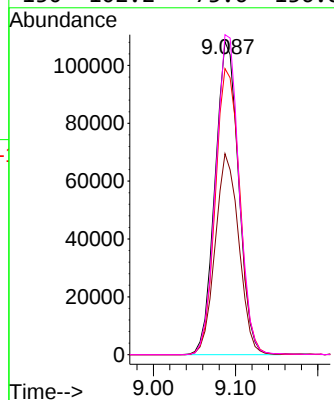
#34
Trichloroethene
Concen: 26.611 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 215162

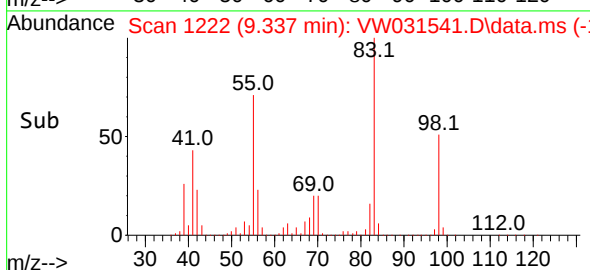
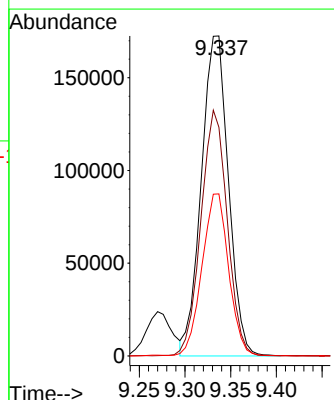
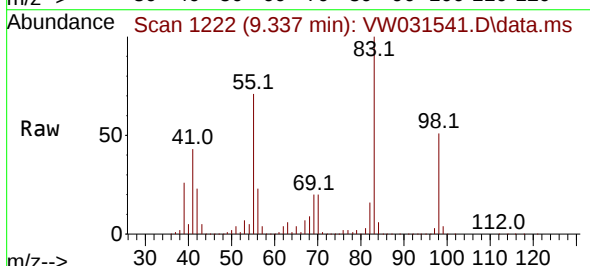
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.3
132	91.4	70.3	130.5
130	102.2	73.6	136.8

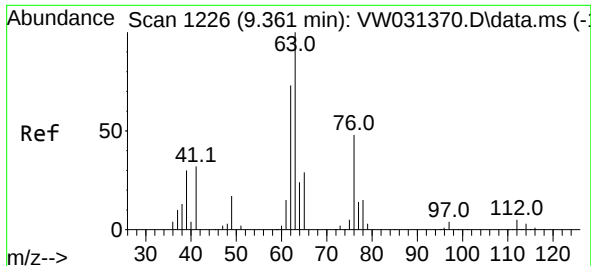


#35
Methylcyclohexane
Concen: 25.303 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion: 83 Resp: 356290

Ion	Ratio	Lower	Upper
83	100		
55	74.5	62.6	93.8
98	49.8	39.8	59.6





#37

1,2-Dichloropropane

Concen: 26.234 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

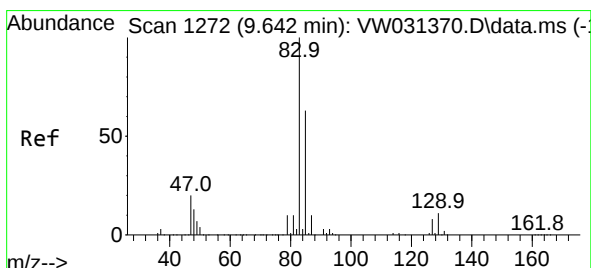
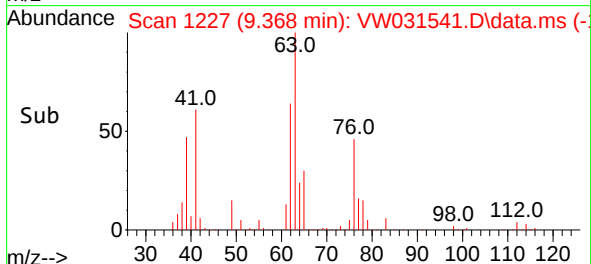
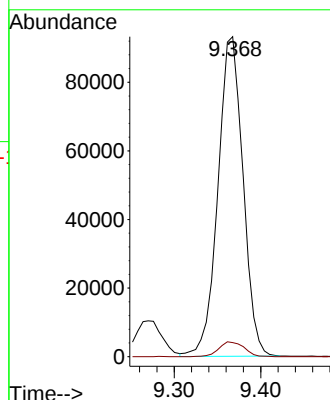
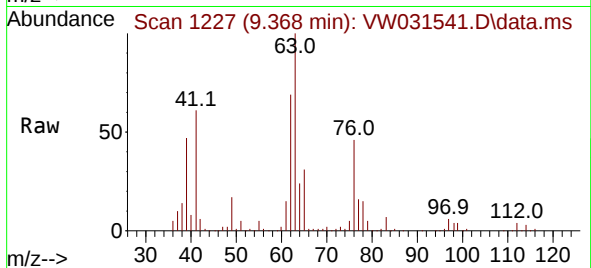
ClientSampleId :

Tgt Ion: 63 Resp: 187427

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 25.255 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

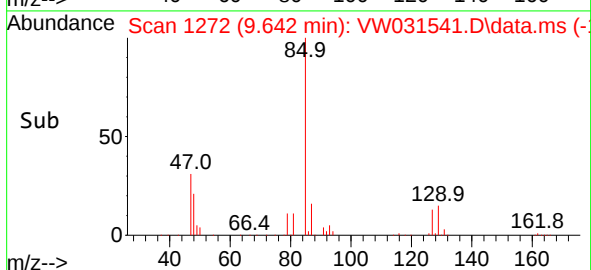
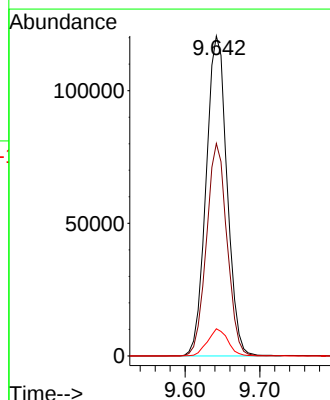
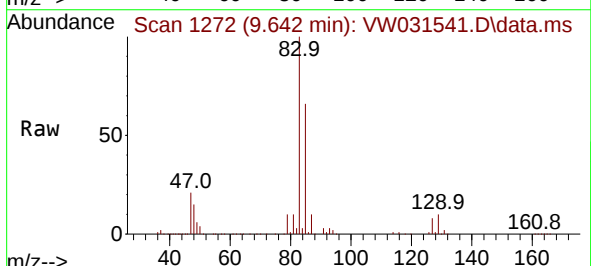
Tgt Ion: 83 Resp: 234569

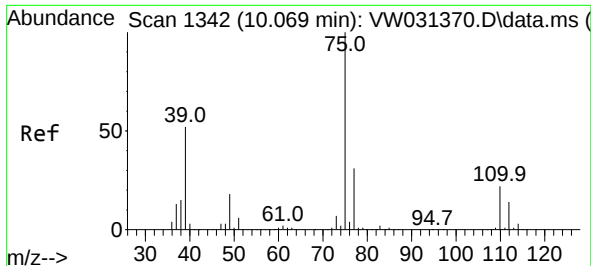
Ion Ratio Lower Upper

83 100

85 66.4 46.5 86.5

127 8.5 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 24.186 ug/L

RT: 10.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

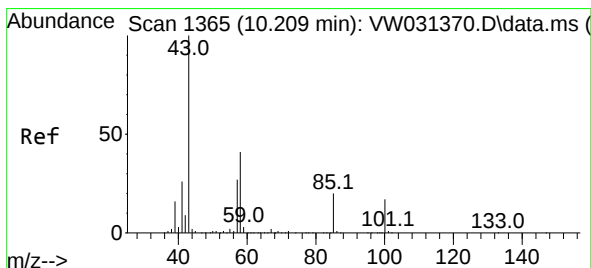
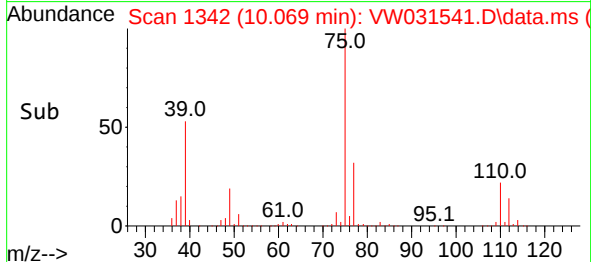
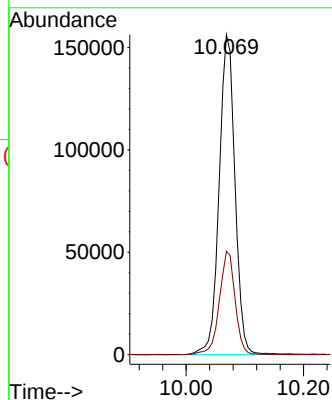
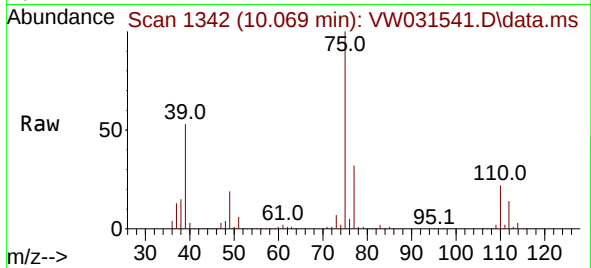
ClientSampleId :

Tgt Ion: 75 Resp: 291996

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.4



#40

4-Methyl-2-pentanone

Concen: 39.707 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

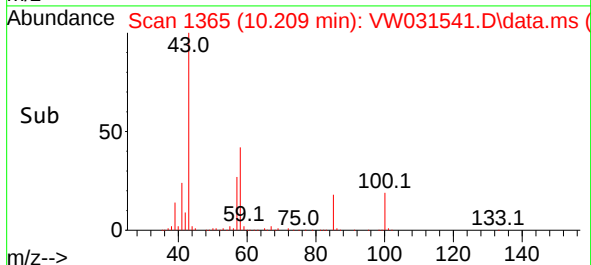
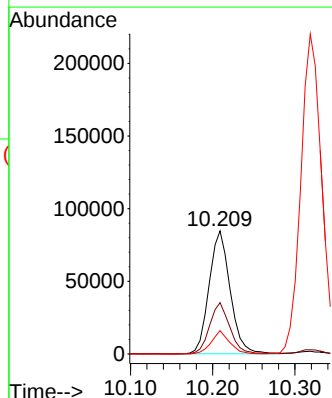
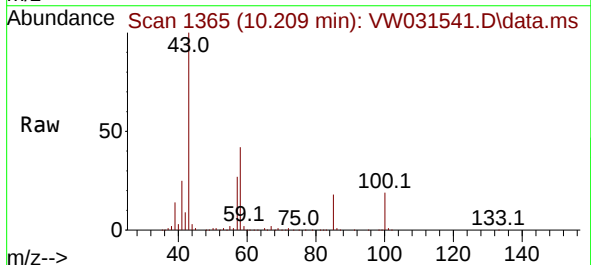
Tgt Ion: 43 Resp: 150511

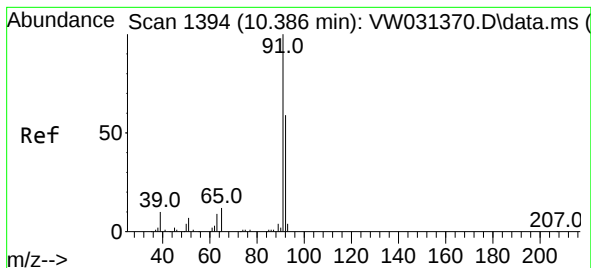
Ion Ratio Lower Upper

43 100

58 40.3 31.1 46.7

100 16.5 13.0 19.6





#42

Toluene

Concen: 26.986 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

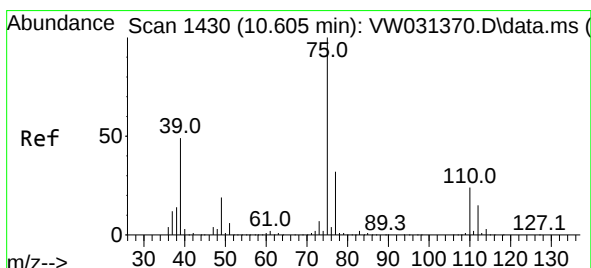
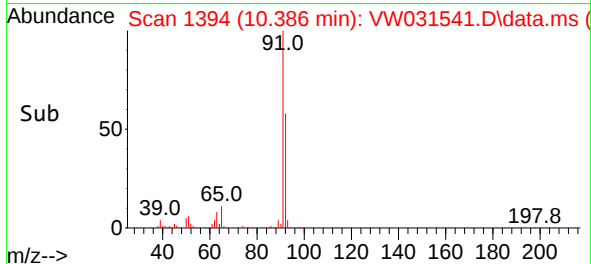
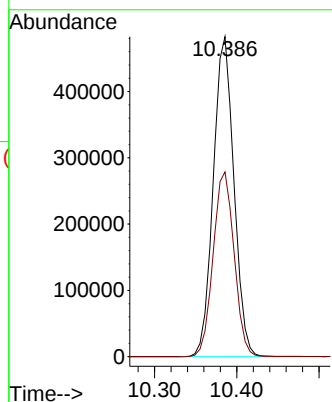
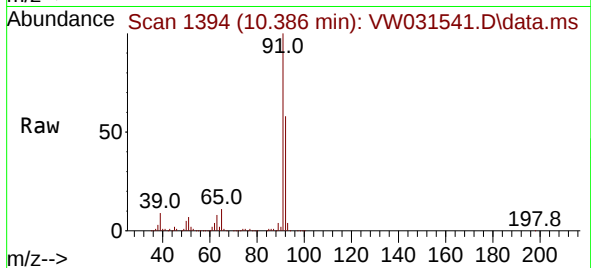
ClientSampleId :

Tgt Ion: 91 Resp: 841454

Ion Ratio Lower Upper

91 100

92 57.8 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 22.558 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031541.D

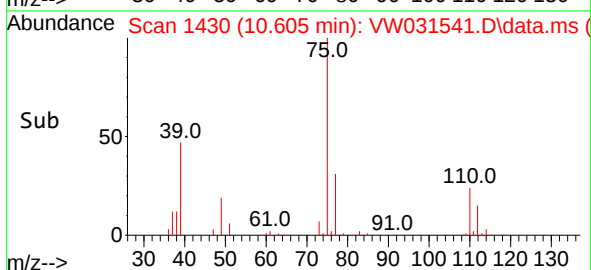
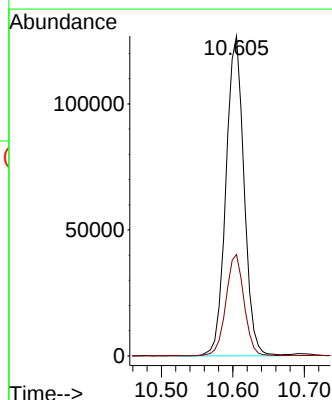
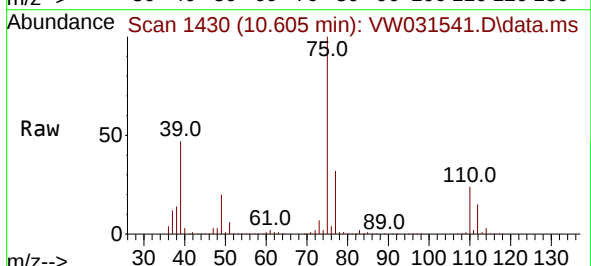
Acq: 27 Dec 2024 09:51

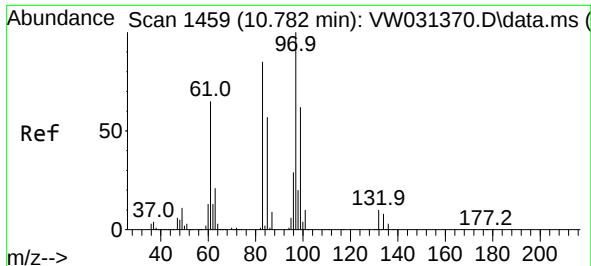
Tgt Ion: 75 Resp: 222379

Ion Ratio Lower Upper

75 100

77 31.7 21.2 39.4

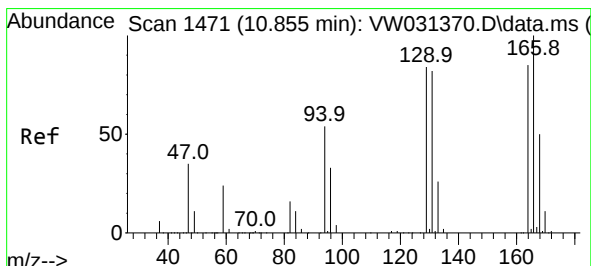
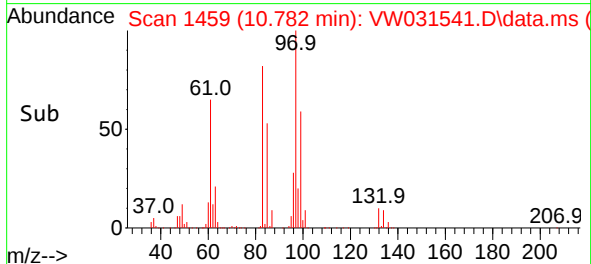
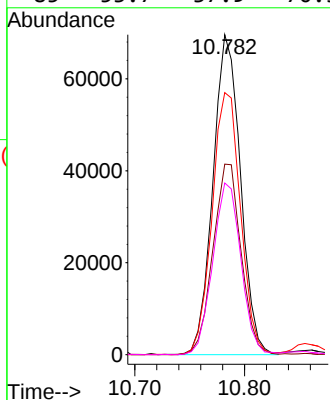
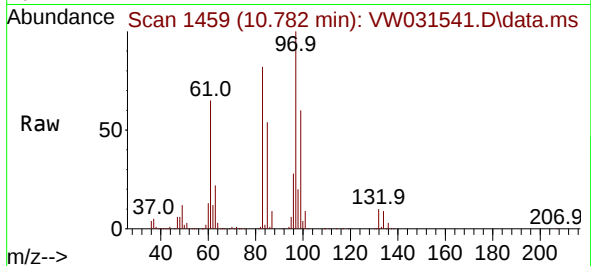




#45
1,1,2-Trichloroethane
Concen: 25.527 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

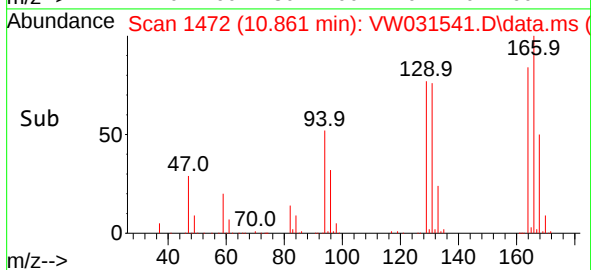
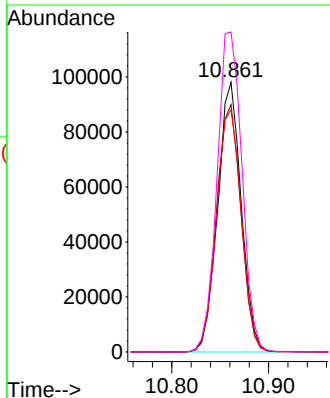
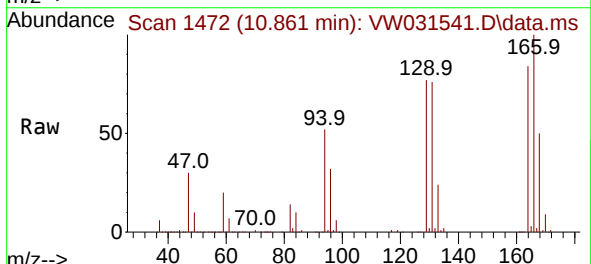
Instrument :
MSVOA_W
ClientSampleId :

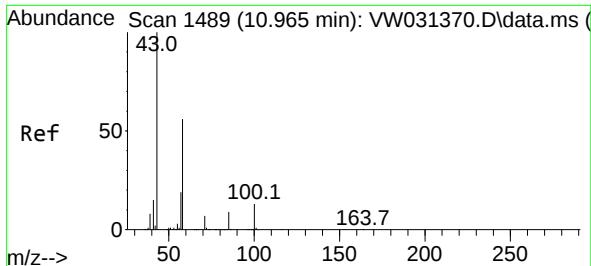
Tgt Ion:	97	Resp:	121308
Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.0	80.0
83	81.9	56.4	104.7
85	53.7	37.9	70.3



#46
Tetrachloroethene
Concen: 28.020 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion:	164	Resp:	165952
Ion	Ratio	Lower	Upper
164	100		
129	91.7	73.5	136.5
131	89.8	66.6	123.8
166	118.7	92.7	172.3





#48

2-Hexanone

Concen: 42.251 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

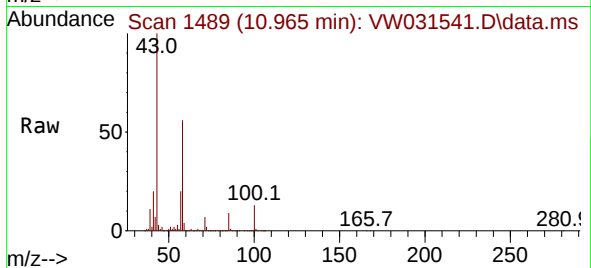
Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 136209

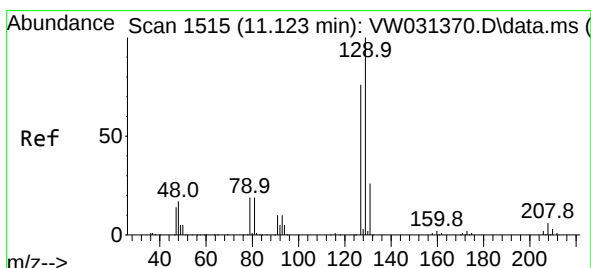
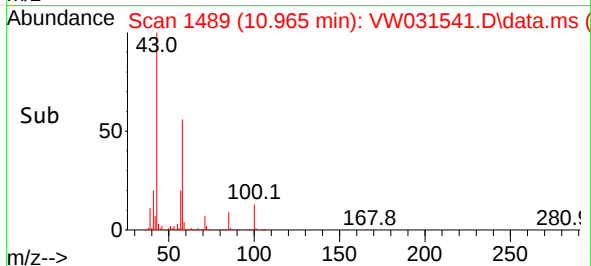
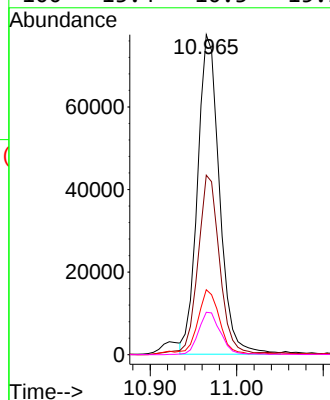
Ion Ratio Lower Upper

43 100

58 55.8 43.0 64.6

57 20.0 15.7 23.5

100 13.4 10.3 15.5



#49

Dibromochloromethane

Concen: 23.551 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW031541.D

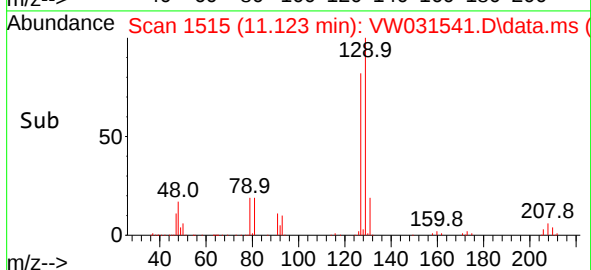
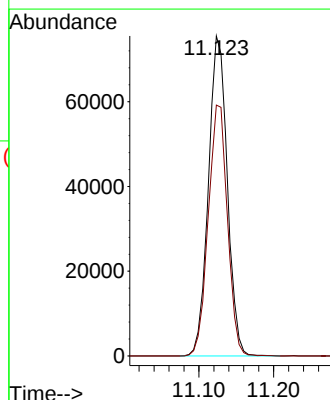
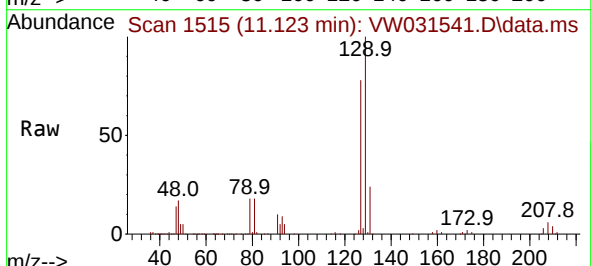
Acq: 27 Dec 2024 09:51

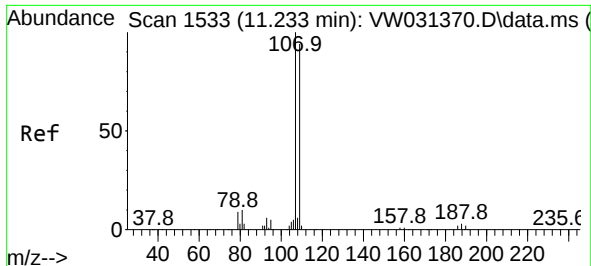
Tgt Ion:129 Resp: 132665

Ion Ratio Lower Upper

129 100

127 78.4 57.6 107.0

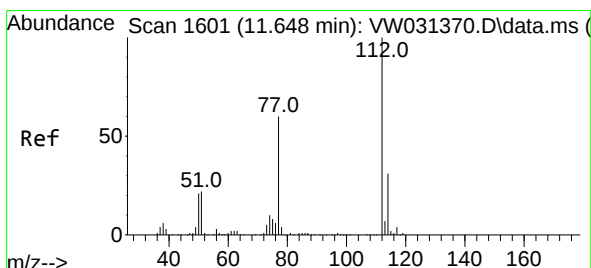
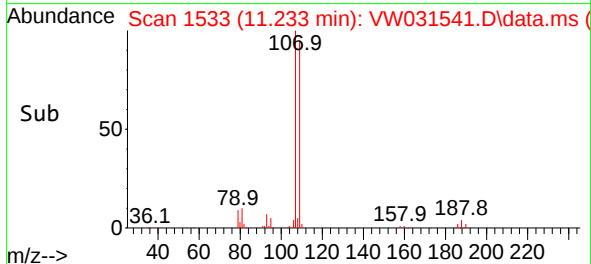
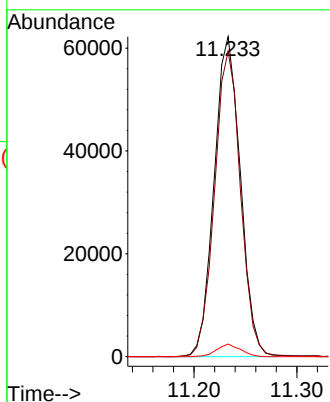
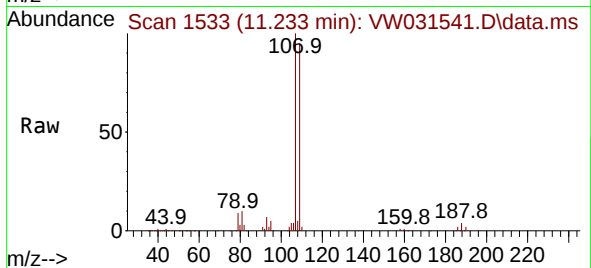




#50
1,2-Dibromoethane
Concen: 24.493 ug/L
RT: 11.233 min Scan# 110261
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

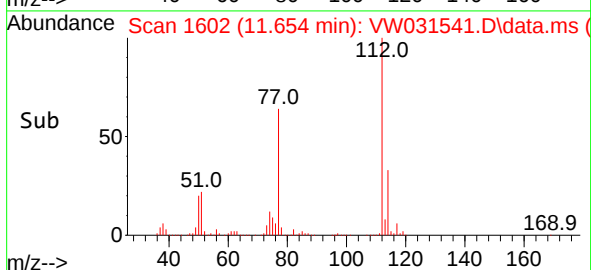
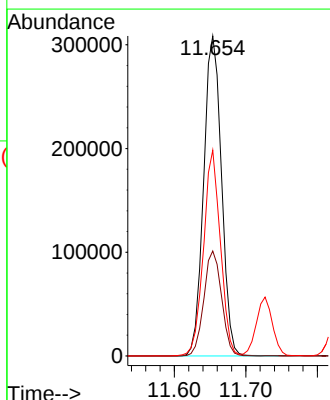
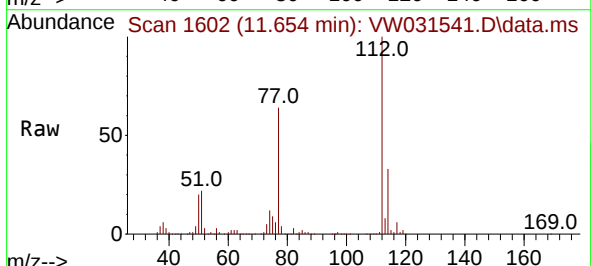
Instrument :
MSVOA_W
ClientSampleId :

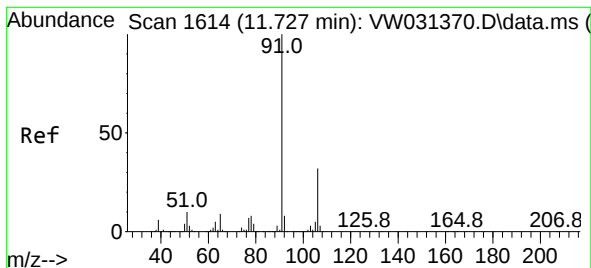
Tgt Ion:	107	Resp:	110261
Ion	Ratio	Lower	Upper
107	100		
109	95.5	63.2	117.4
188	3.9	2.6	4.0



#51
Chlorobenzene
Concen: 27.287 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion:	112	Resp:	533461
Ion	Ratio	Lower	Upper
112	100		
114	32.8	22.7	42.3
77	64.3	50.2	75.4

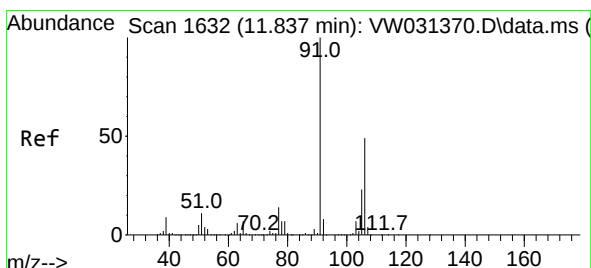
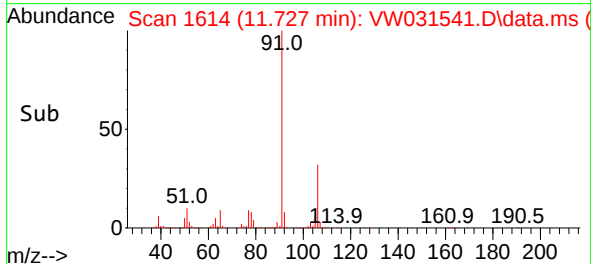
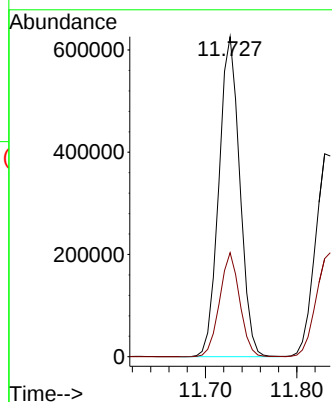
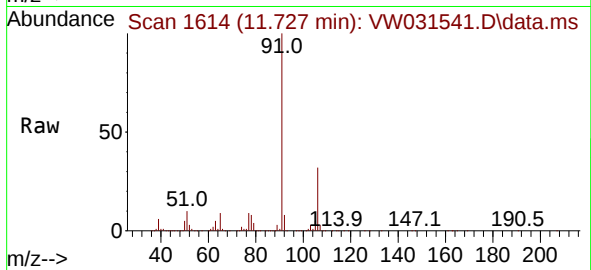




#52
Ethylbenzene
Concen: 27.535 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

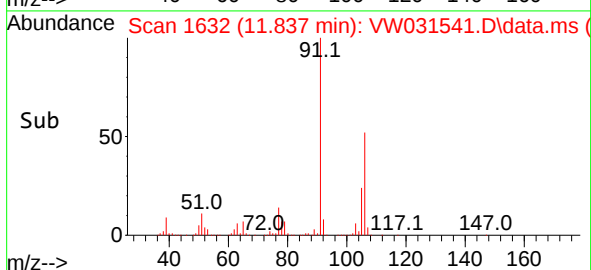
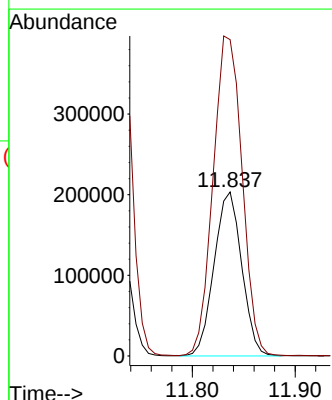
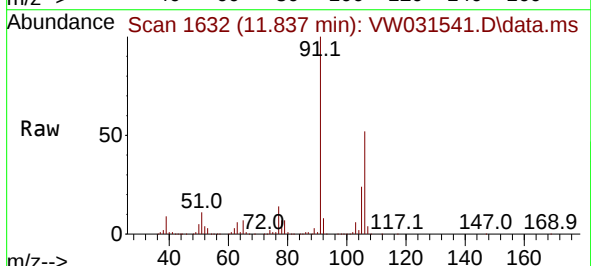
Instrument :
MSVOA_W
ClientSampleId :

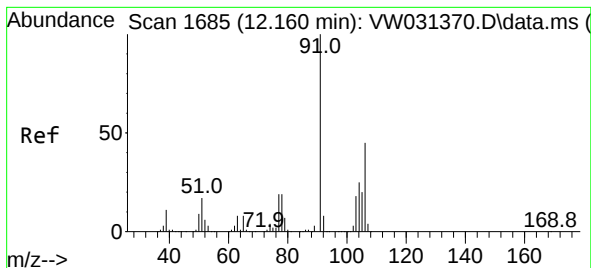
Tgt Ion: 91 Resp: 995049
Ion Ratio Lower Upper
91 100
106 32.5 20.7 38.5



#53
m,p-Xylene
Concen: 27.570 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

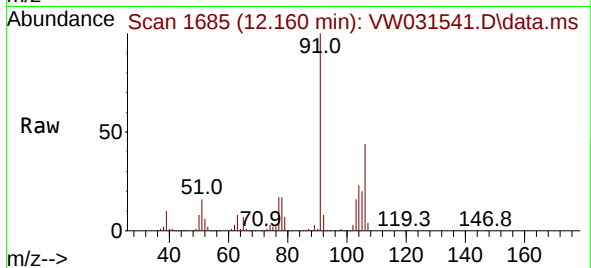
Tgt Ion:106 Resp: 379294
Ion Ratio Lower Upper
106 100
91 193.0 139.9 259.7



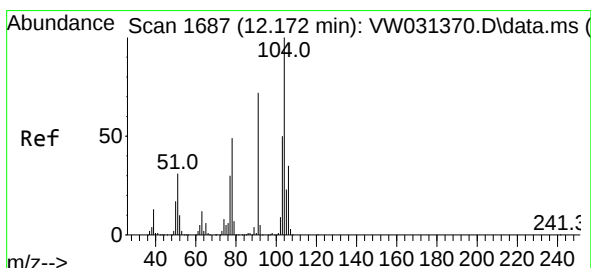
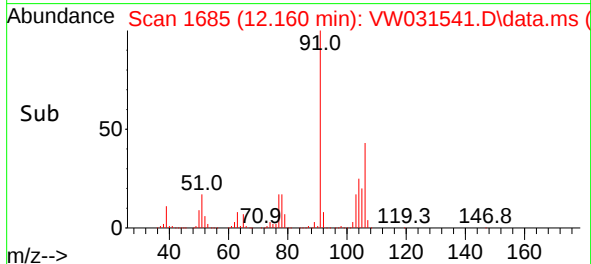
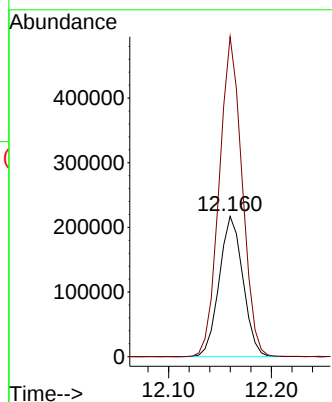


#54
o-Xylene
Concen: 26.781 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

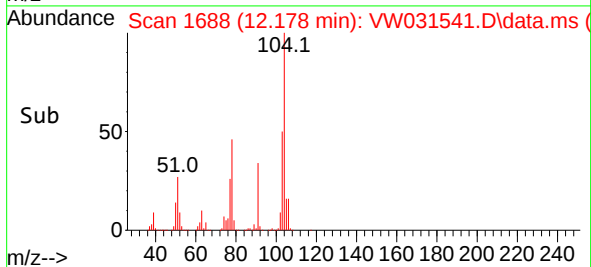
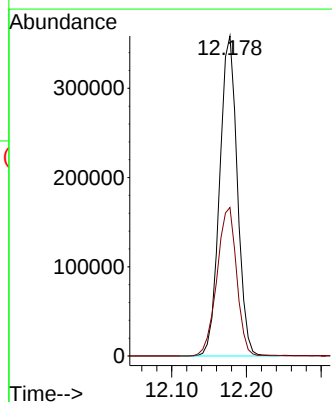
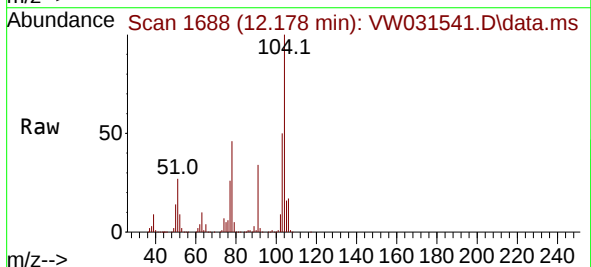


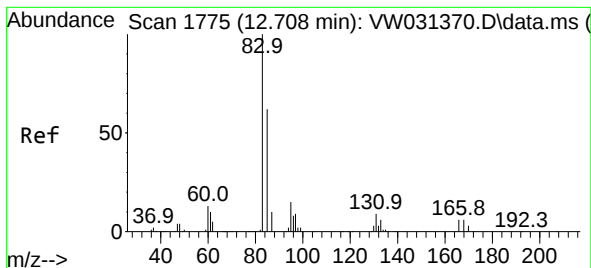
Tgt Ion:106 Resp: 347235
Ion Ratio Lower Upper
106 100
91 228.0 153.1 284.3



#55
Styrene
Concen: 27.423 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion:104 Resp: 591429
Ion Ratio Lower Upper
104 100
78 46.4 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 24.616 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

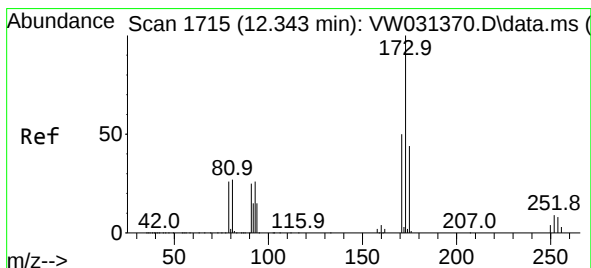
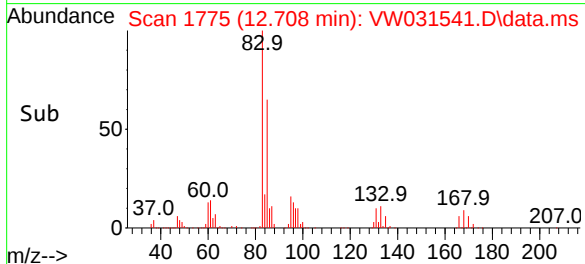
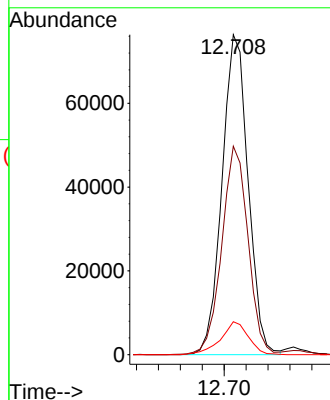
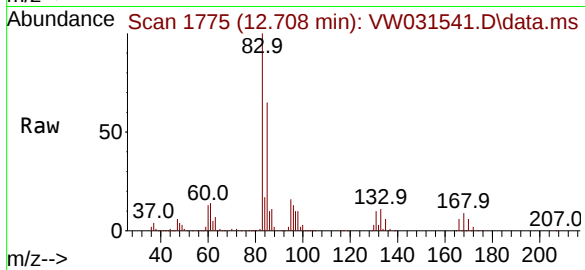
Tgt Ion: 83 Resp: 126105

Ion Ratio Lower Upper

83 100

85 65.2 44.1 81.9

131 10.3 7.9 11.9



#59

Bromoform

Concen: 20.221 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

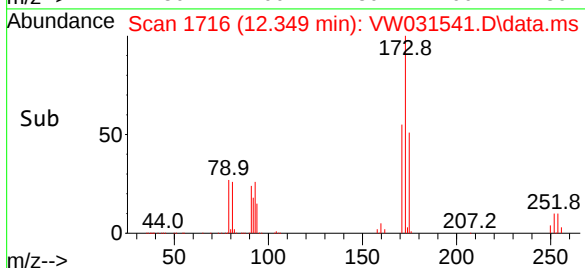
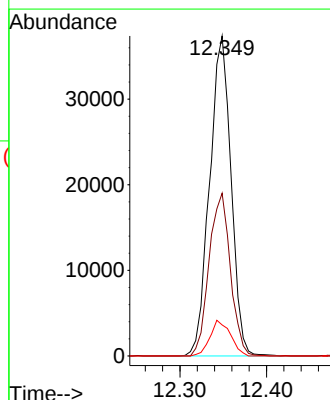
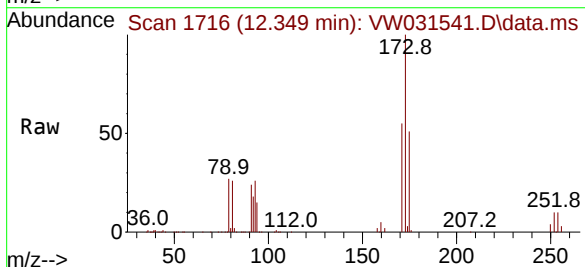
Tgt Ion:173 Resp: 64186

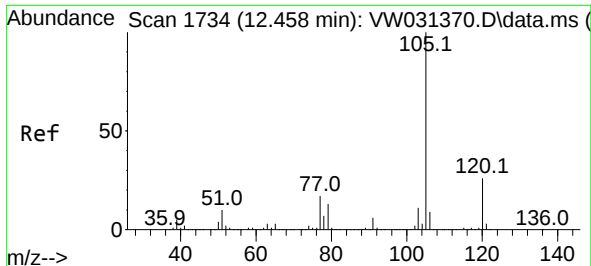
Ion Ratio Lower Upper

173 100

175 50.5 38.6 57.8

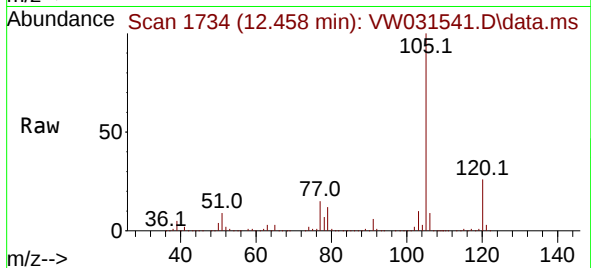
254 10.7 7.6 11.4



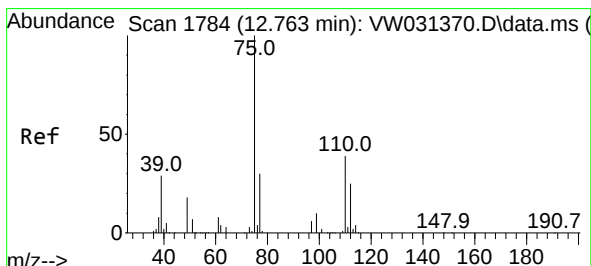
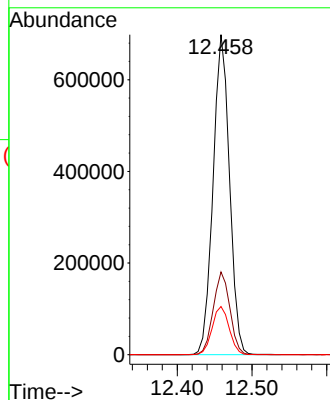
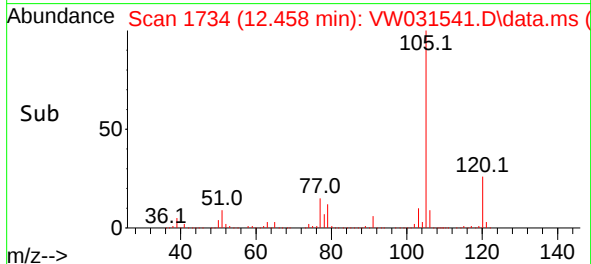


#60
Isopropylbenzene
Concen: 28.833 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

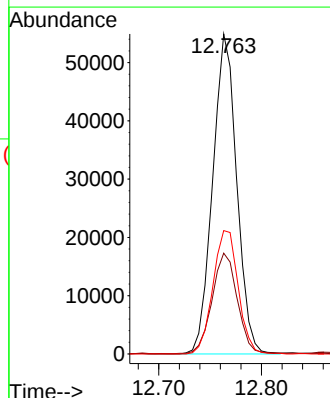
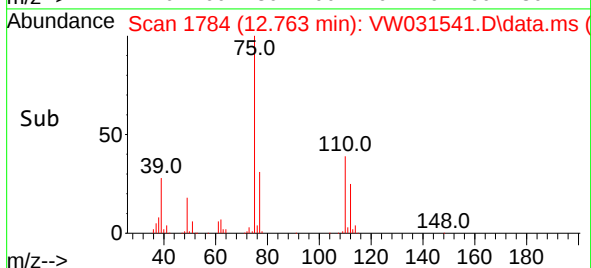
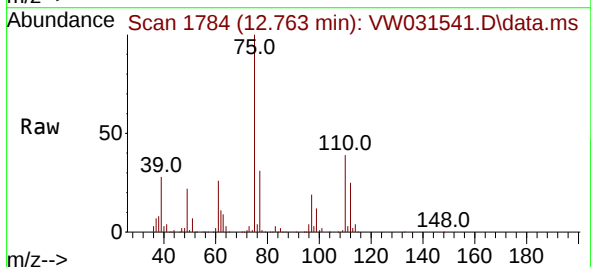


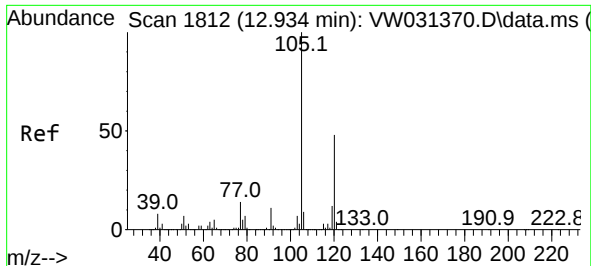
Tgt Ion:105 Resp: 1066115
Ion Ratio Lower Upper
105 100
120 26.2 20.6 31.0
77 15.5 12.8 19.2



#61
1,2,3-Trichloropropane
Concen: 23.028 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion: 75 Resp: 89033
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
110 40.5 31.2 46.8

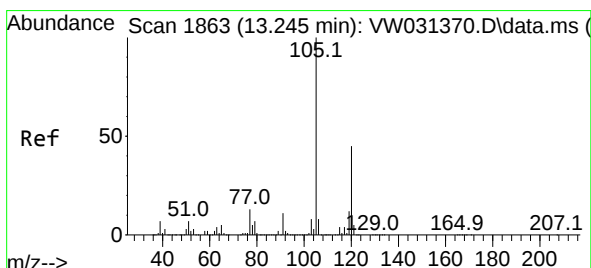
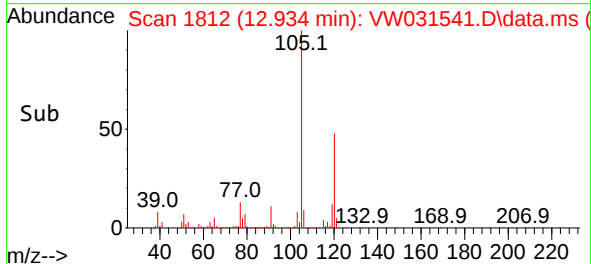
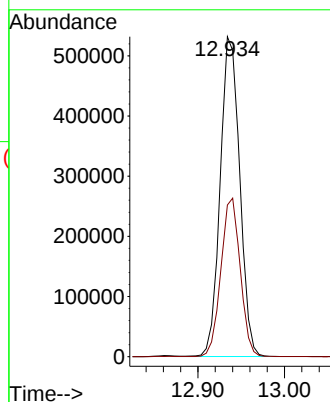
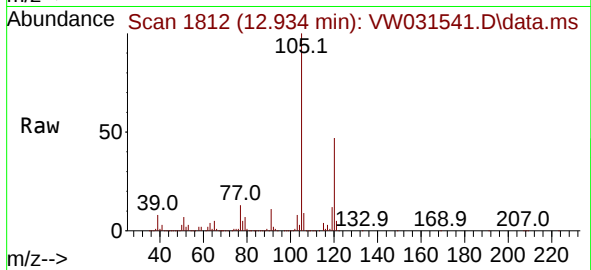




#62
1,3,5-Trimethylbenzene
Concen: 26.534 ug/L
RT: 12.934 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

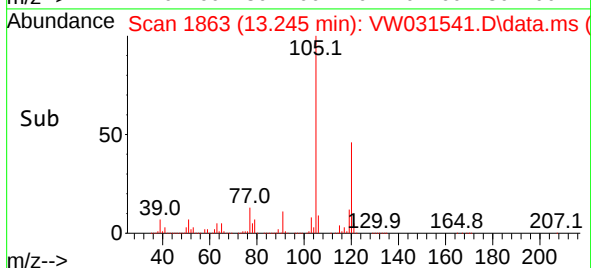
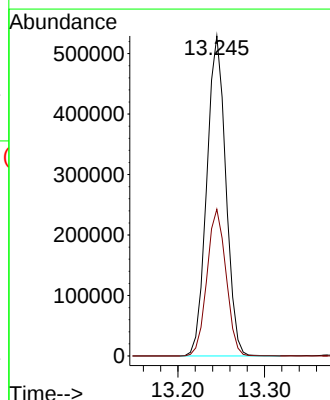
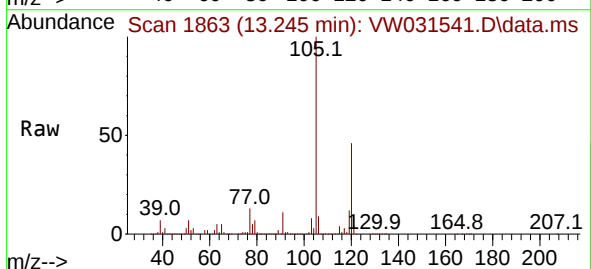
Instrument :
MSVOA_W
ClientSampleId :

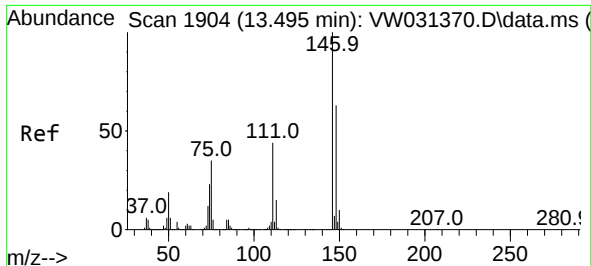
Tgt Ion:105 Resp: 831792
Ion Ratio Lower Upper
105 100
120 49.0 37.3 55.9



#63
1,2,4-Trimethylbenzene
Concen: 26.639 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion:105 Resp: 807125
Ion Ratio Lower Upper
105 100
120 45.9 35.0 52.4

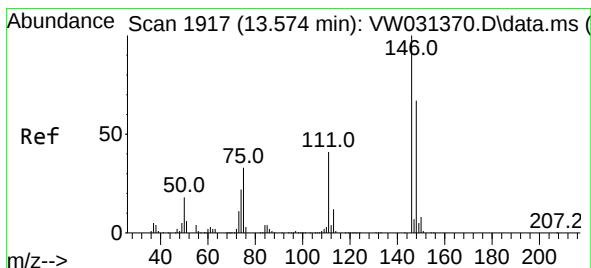
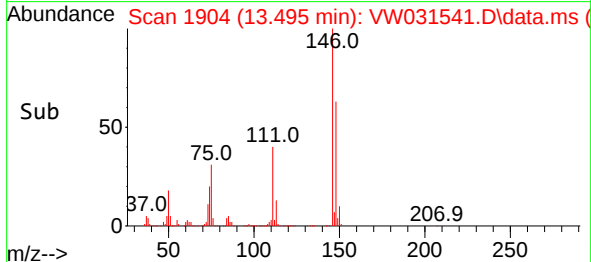
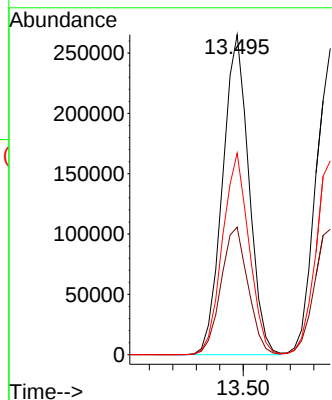
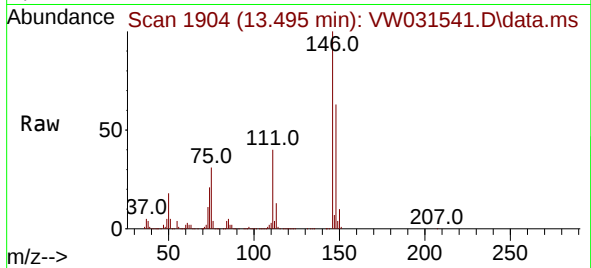




#64
1,3-Dichlorobenzene
Concen: 27.547 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

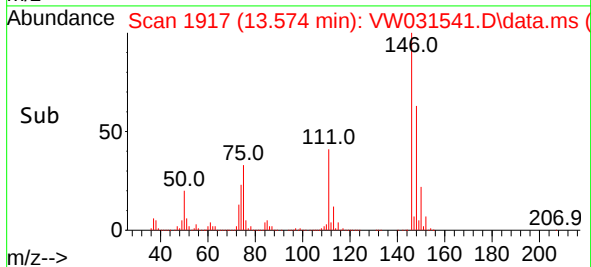
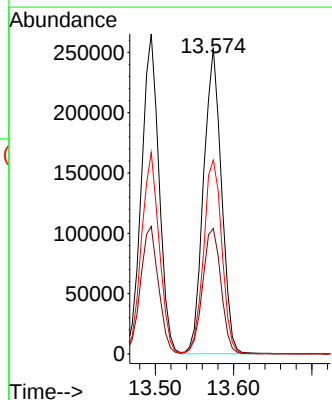
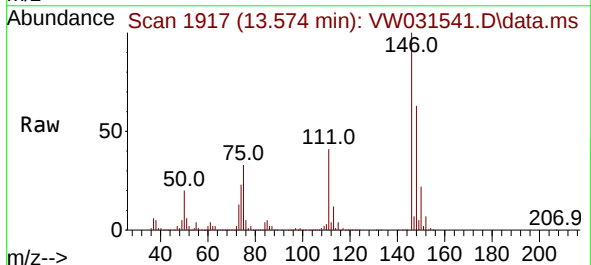
Instrument :
MSVOA_W
ClientSampleId :

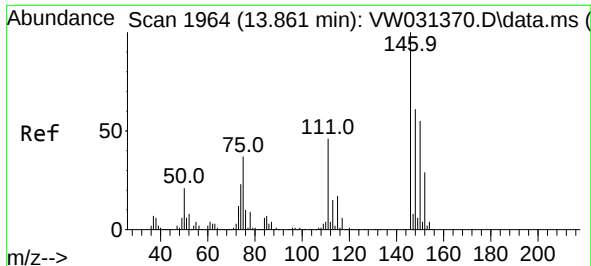
Tgt Ion:146 Resp: 412677
Ion Ratio Lower Upper
146 100
111 39.8 27.6 51.2
148 63.0 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 27.043 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion:146 Resp: 401409
Ion Ratio Lower Upper
146 100
111 41.0 30.7 56.9
148 63.3 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 26.831 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.006 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :

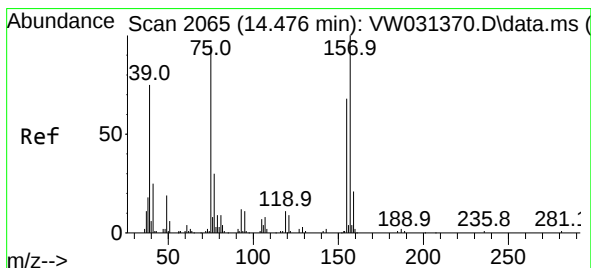
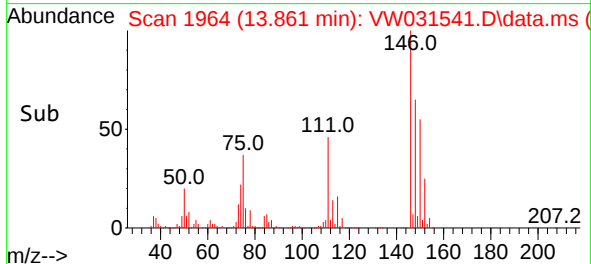
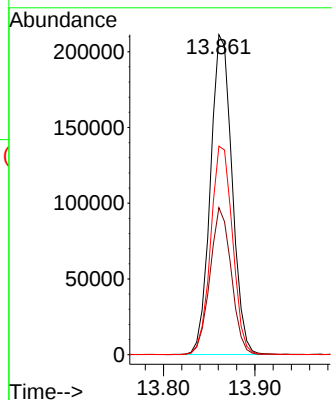
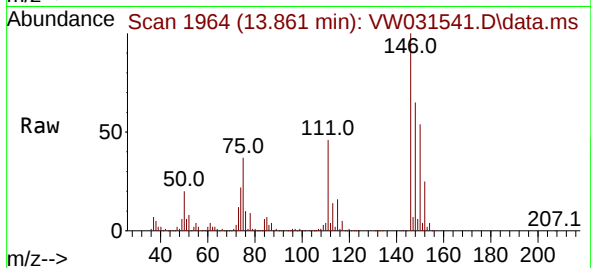
Tgt Ion:146 Resp: 346333

Ion Ratio Lower Upper

146 100

111 46.0 38.6 58.0

148 65.1 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 18.265 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

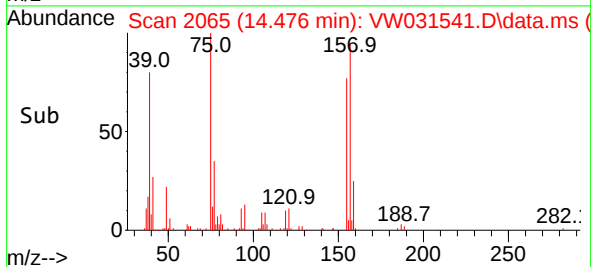
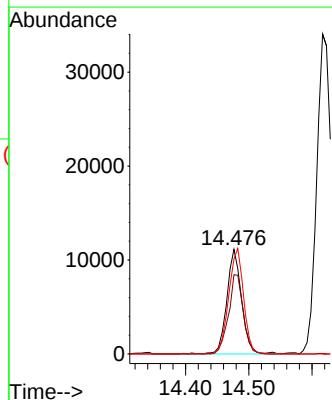
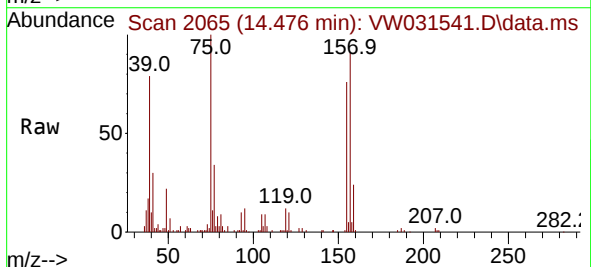
Tgt Ion: 75 Resp: 17921

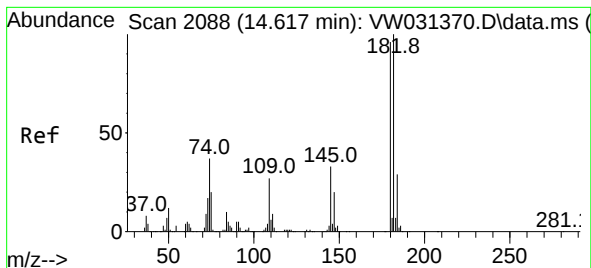
Ion Ratio Lower Upper

75 100

155 75.8 56.6 85.0

157 90.8 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 28.820 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

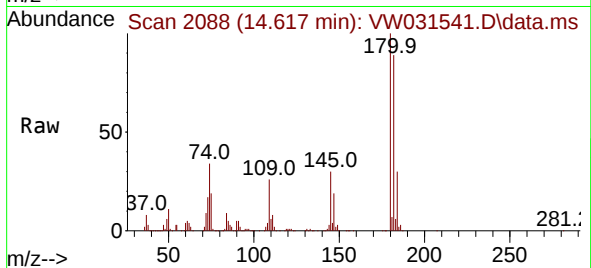
Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 302380

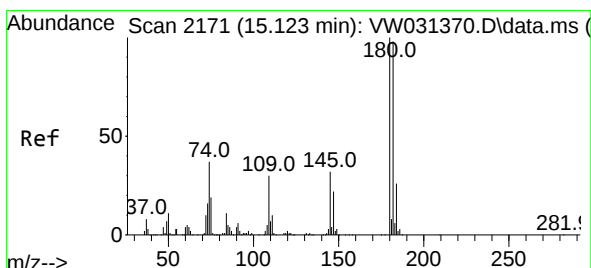
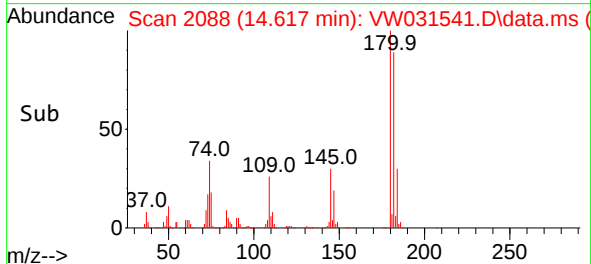
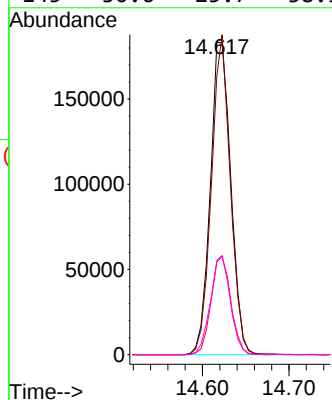
Ion Ratio Lower Upper

180 100

182 93.9 75.0 112.4

184 30.1 24.6 36.8

145 30.6 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 26.642 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031541.D

Acq: 27 Dec 2024 09:51

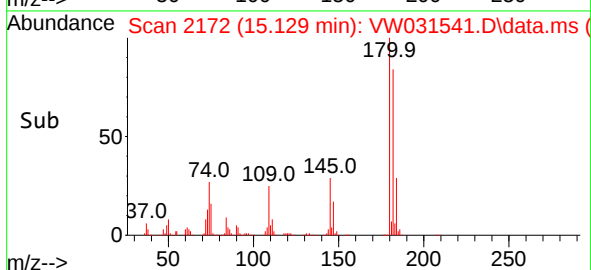
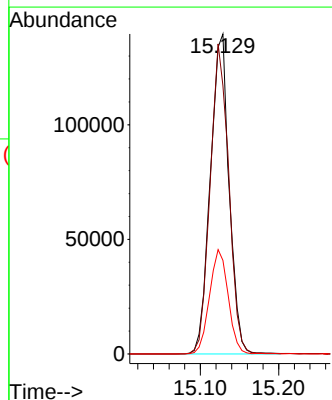
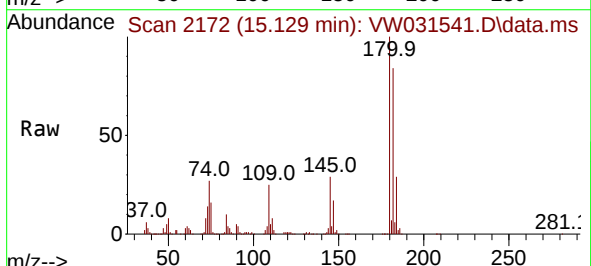
Tgt Ion:180 Resp: 232520

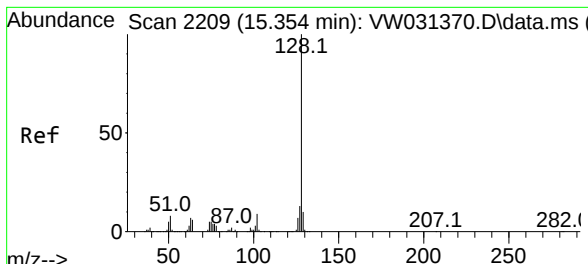
Ion Ratio Lower Upper

180 100

182 95.6 78.2 117.2

145 32.3 26.7 40.1



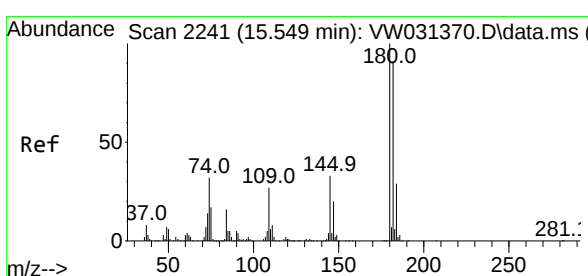
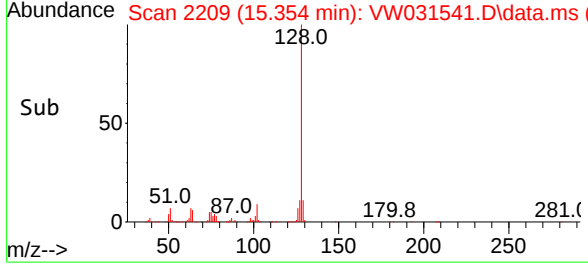
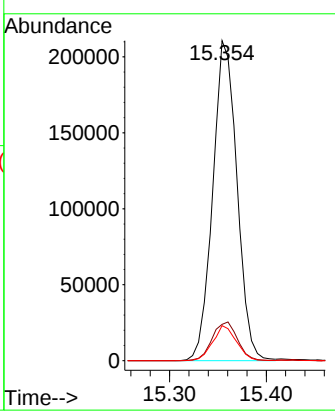
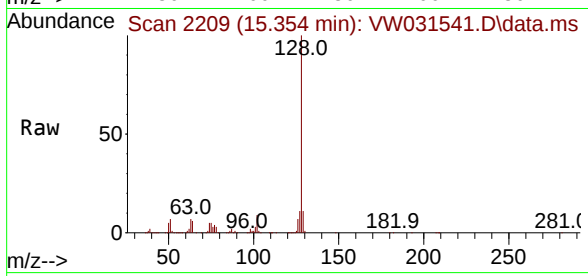


#71
Naphthalene
Concen: 23.968 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 366749

Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.7	16.1
129	10.7	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 26.718 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW031541.D
Acq: 27 Dec 2024 09:51

Tgt Ion:180 Resp: 187875

Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.0	112.4
145	33.7	27.8	41.6

