

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122624\
 Data File : VW031537.D
 Acq On : 26 Dec 2024 18:35
 Operator : SY/MD
 Sample : P5378-04MS
 Misc : 6.86g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:28:10 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	8.837	114	736520	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	639684	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	292739	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.362	65	191503	17.281	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.120%
7) Chloroethane-d5	2.899	69	170752	20.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.320%
11) 1,1-Dichloroethene-d2	4.015	65	88823	16.897	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	67.600%
21) 2-Butanone-d5	7.093	46	109707	52.567	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.140%
24) Chloroform-d	7.648	84	429043	21.261	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.040%
26) 1,2-Dichloroethane-d4	8.306	65	238256	23.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.040%
32) Benzene-d6	8.270	84	807235	19.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.760%
36) 1,2-Dichloropropane-d6	9.270	67	253105	21.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.720%
41) Toluene-d8	10.318	98	717204	18.803	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	10.574	79	107749	19.556	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.240%
47) 2-Hexanone-d5	10.922	63	87919	54.711	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	204719	27.286	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	240678	22.146	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
3) Chloromethane	2.216	50	112385	15.029	ug/L	99
5) Vinyl chloride	2.369	62	177854	17.162	ug/L	99
6) Bromomethane	2.789	94	130219	20.439	ug/L	95
8) Chloroethane	2.929	64	127849	20.745	ug/L	100
9) Trichlorofluoromethane	3.265	101	200661	18.176	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	163149	18.301	ug/L	97
12) 1,1-Dichloroethene	4.039	96	154812	17.146	ug/L	95
13) Acetone	4.167	43	165251	56.857	ug/L #	100
14) Carbon disulfide	4.386	76	391915	13.309	ug/L	100
15) Methyl Acetate	4.691	43	81553	24.705	ug/L	96
16) Methylene chloride	4.917	84	195797	21.128	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	173374	17.814	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	406915	25.009	ug/L	98
19) 1,1-Dichloroethane	6.215	63	364951	20.066	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	230004	21.842	ug/L	98
22) 2-Butanone	7.185	43	163171	46.334	ug/L	96
23) Bromochloromethane	7.520	128	98592	23.476	ug/L	87
25) Chloroform	7.672	83	384807	21.438	ug/L	97
27) 1,2-Dichloroethane	8.398	62	266520	23.618	ug/L	100

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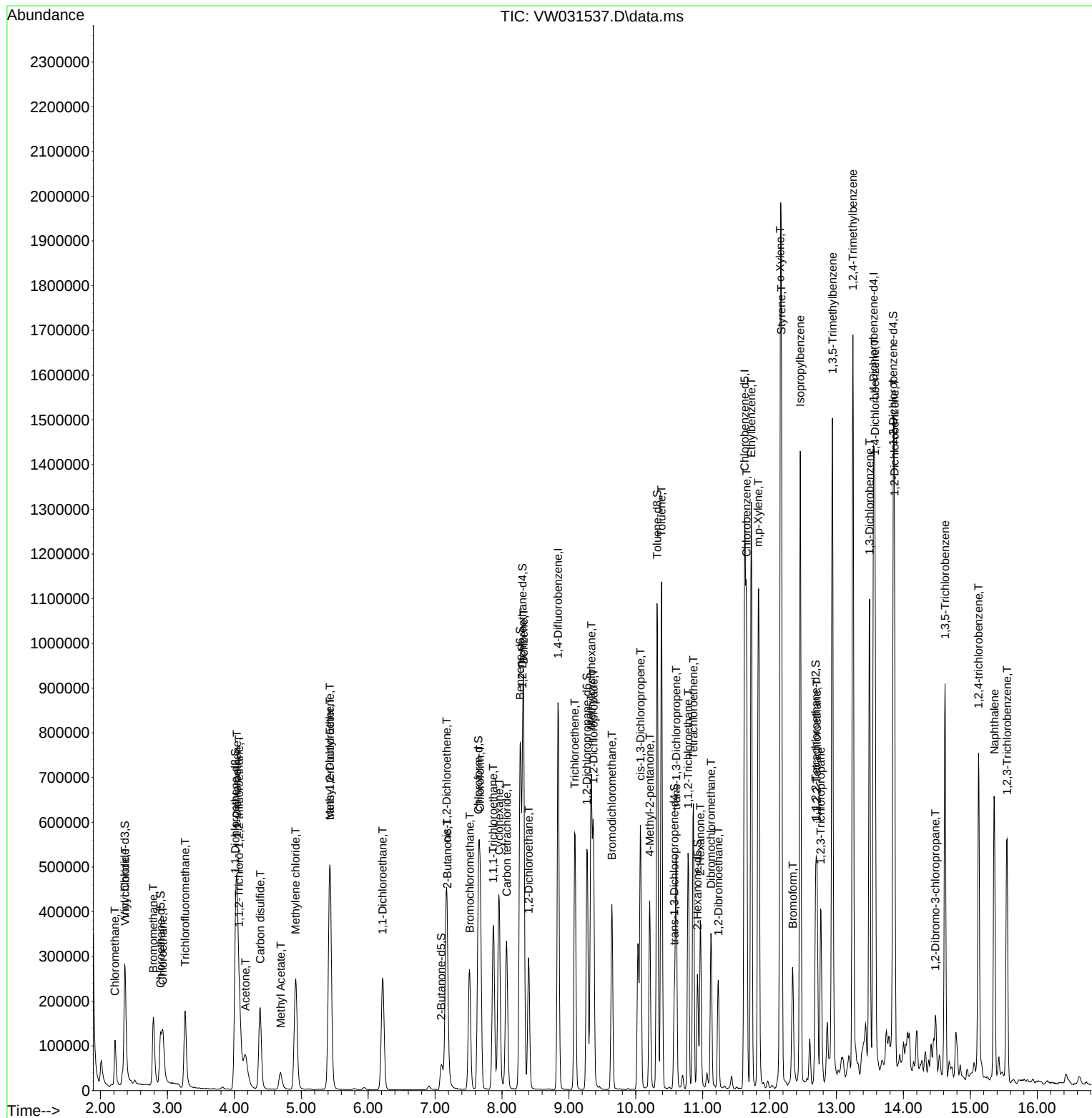
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	254975	14.698	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	300491	18.174	ug/L	99
31) Carbon tetrachloride	8.069	117	247329	16.791	ug/L	99
33) Benzene	8.325	78	761142	19.254	ug/L	100
34) Trichloroethene	9.087	95	204314	18.307	ug/L	95
35) Methylcyclohexane	9.337	83	296744	15.268	ug/L	97
37) 1,2-Dichloropropane	9.367	63	213962	21.696	ug/L	99
38) Bromodichloromethane	9.642	83	278194	21.699	ug/L	100
39) cis-1,3-Dichloropropene	10.068	75	341747	20.508	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	269956	51.597	ug/L	98
42) Toluene	10.385	91	827000	19.215	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	288210	21.181	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	167122	25.478	ug/L	97
46) Tetrachloroethene	10.861	164	141020	17.250	ug/L	92
48) 2-Hexanone	10.965	43	230628	51.829	ug/L	97
49) Dibromochloromethane	11.123	129	177989	22.891	ug/L	98
50) 1,2-Dibromoethane	11.233	107	157294	25.314	ug/L	96
51) Chlorobenzene	11.653	112	536377	19.877	ug/L	97
52) Ethylbenzene	11.727	91	905032	18.144	ug/L	99
53) m,p-Xylene	11.830	106	359372	18.925	ug/L	96
54) o-Xylene	12.159	106	360302	20.133	ug/L	97
55) Styrene	12.178	104	598465	20.104	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	195060	27.586	ug/L	98
59) Bromoform	12.348	173	93862	22.824	ug/L	94
60) Isopropylbenzene	12.458	105	876833	18.303	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	143947	28.736	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	790375	19.460	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	890602	22.687	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	404916	20.862	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	401487	20.877	ug/L	90
67) 1,2-Dichlorobenzene	13.866	146	377517	22.574	ug/L	86
68) 1,2-Dibromo-3-chloropr...	14.476	75	31896	25.091	ug/L	90
69) 1,3,5-Trichlorobenzene	14.622	180	254959	18.756	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	220507	19.501	ug/L	95
71) Naphthalene	15.360	128	558119	28.153	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	182979	20.084	ug/L	97

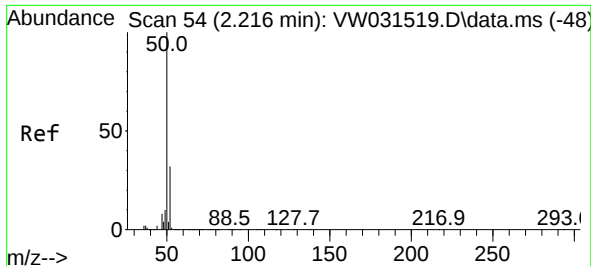
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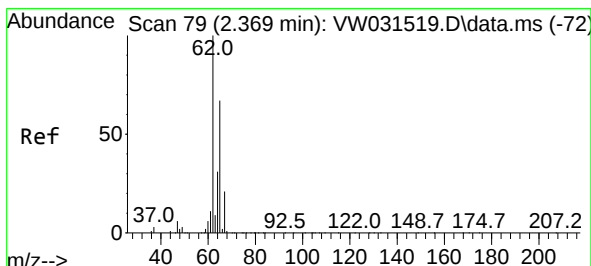
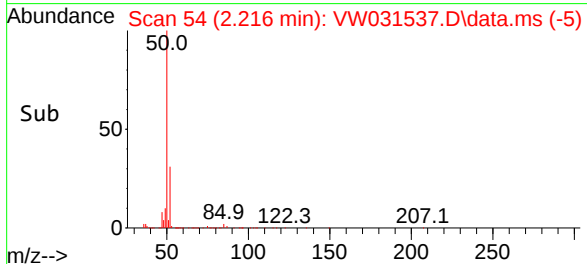
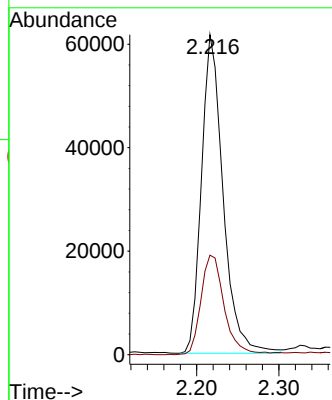
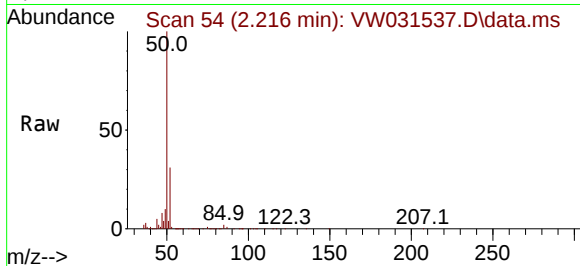




#3
Chloromethane
Concen: 15.029 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

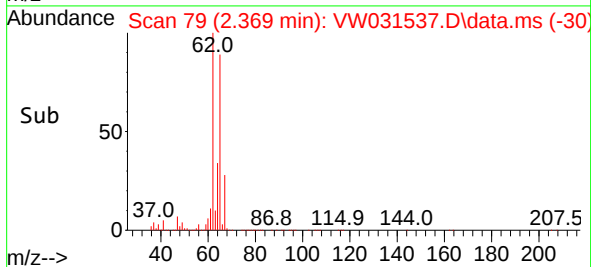
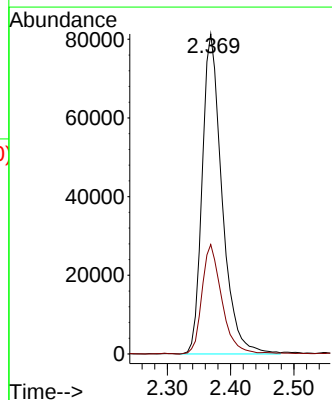
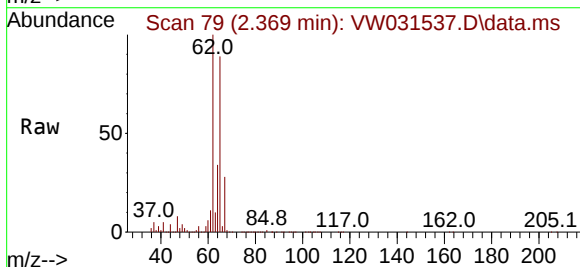
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MSVOA_W
ClientSampleId :

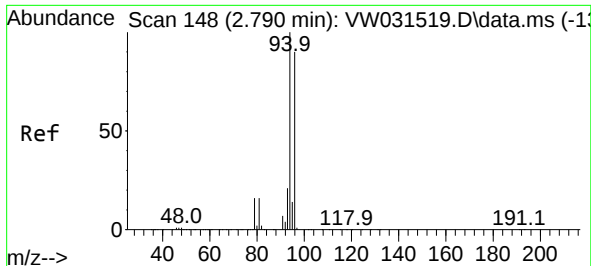
Tgt Ion: 50 Resp: 112385
Ion Ratio Lower Upper
50 100
52 31.1 22.0 41.0



#5
Vinyl chloride
Concen: 17.162 ug/L
RT: 2.369 min Scan# 79
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 62 Resp: 177854
Ion Ratio Lower Upper
62 100
64 34.2 24.1 44.8

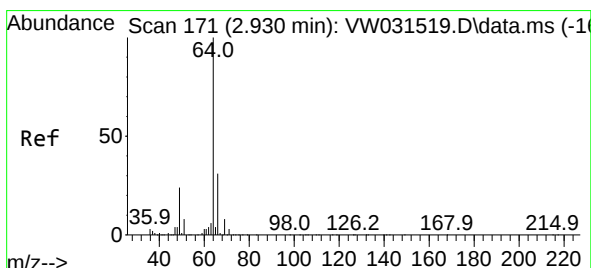
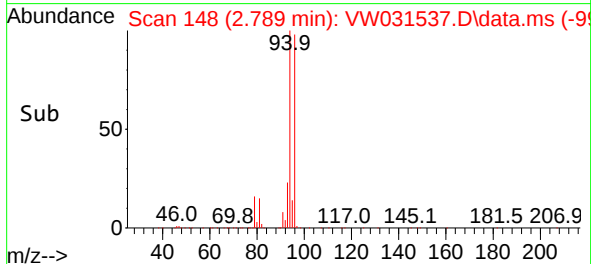
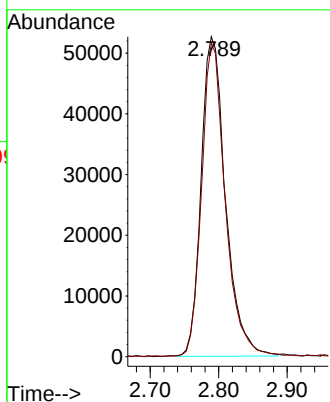
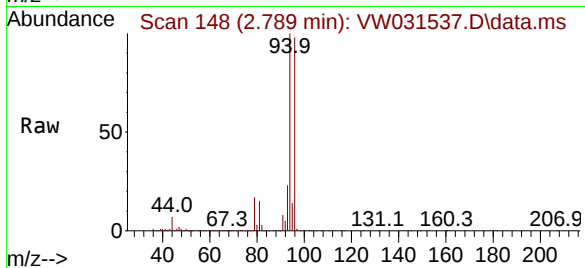




#6
Bromomethane
Concen: 20.439 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

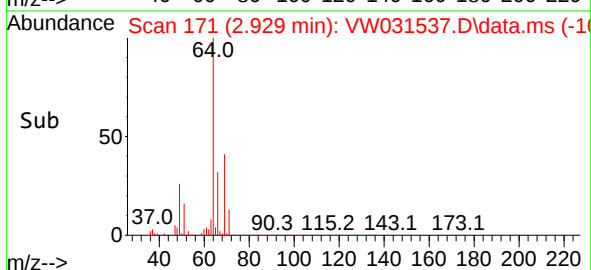
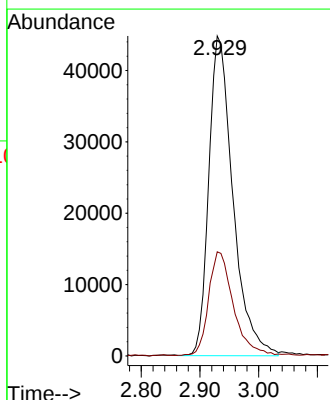
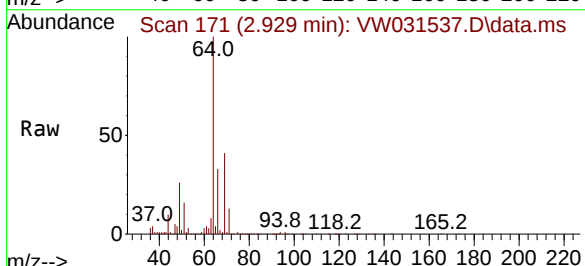
Instrument :
MSVOA_W
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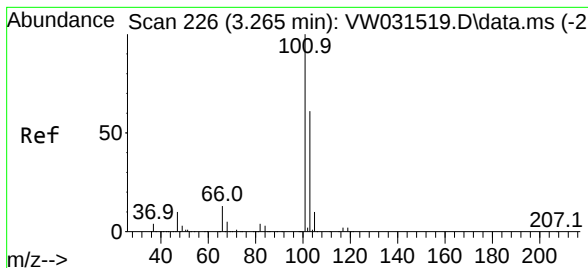
Tgt Ion: 94 Resp: 130219
Ion Ratio Lower Upper
94 100
96 98.1 65.6 121.8



#8
Chloroethane
Concen: 20.745 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 64 Resp: 127849
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3





#9

Trichlorofluoromethane

Concen: 18.176 ug/L

RT: 3.265 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

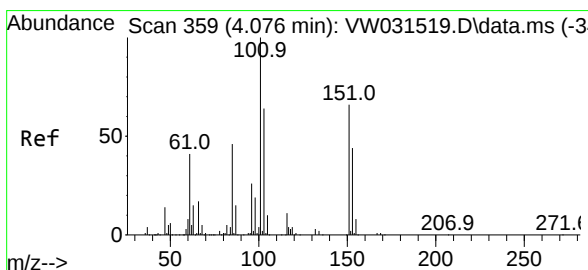
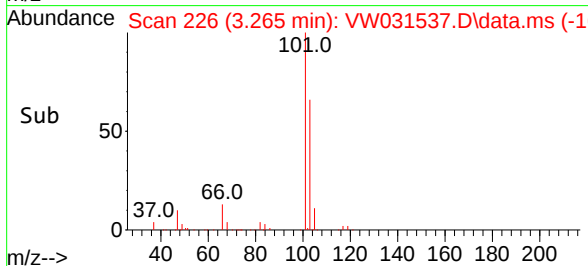
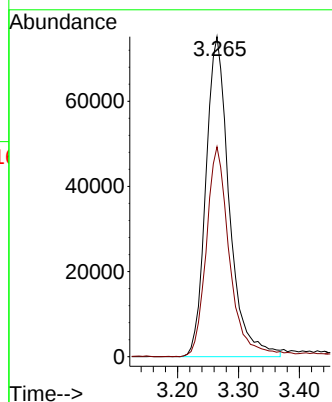
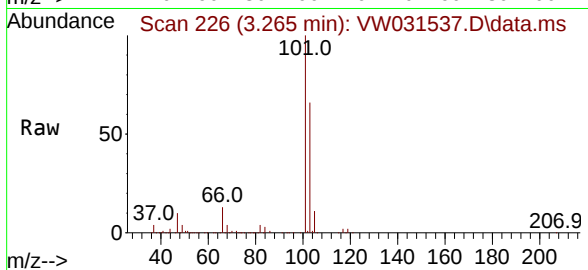
ClientSampleId :

Tgt Ion:101 Resp: 200661

Ion Ratio Lower Upper

101 100

103 65.1 51.6 77.4



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 18.301 ug/L

RT: 4.069 min Scan# 358

Delta R.T. -0.006 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

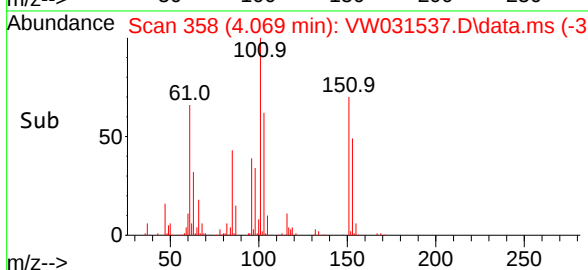
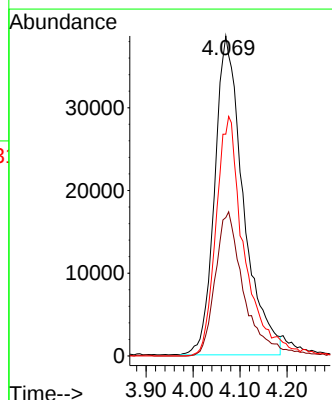
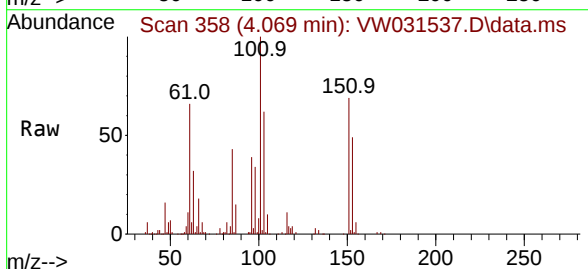
Tgt Ion:101 Resp: 163149

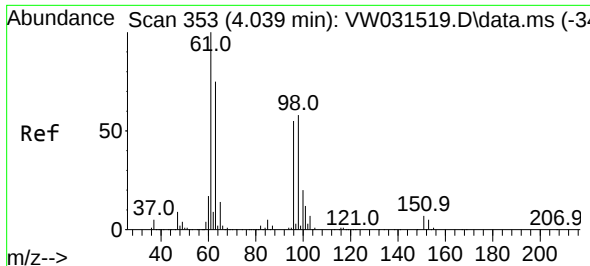
Ion Ratio Lower Upper

101 100

85 43.6 33.0 49.4

151 70.8 54.8 82.2

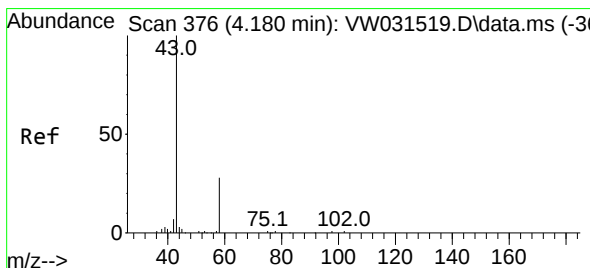
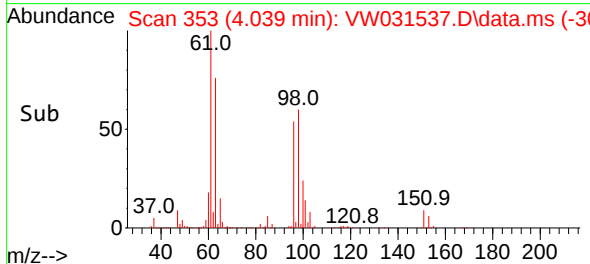
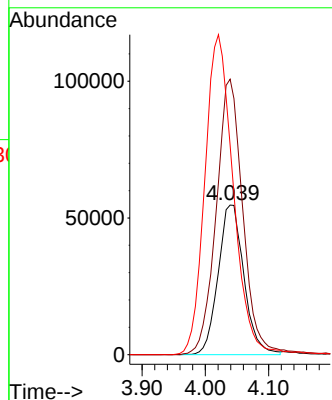
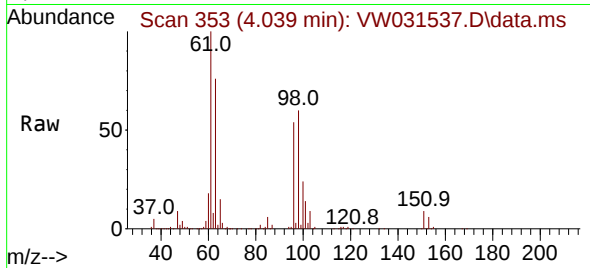




#12
1,1-Dichloroethene
Concen: 17.146 ug/L
RT: 4.039 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

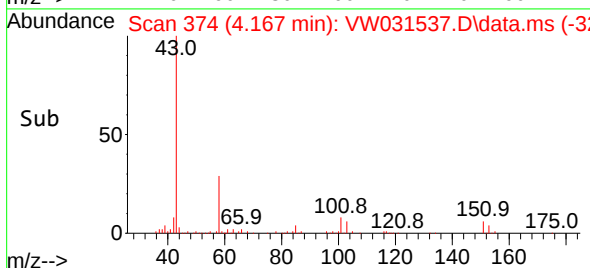
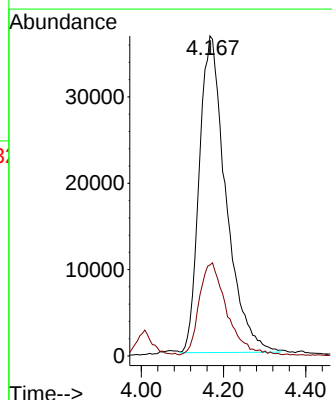
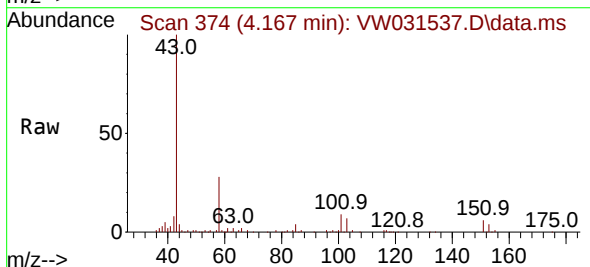
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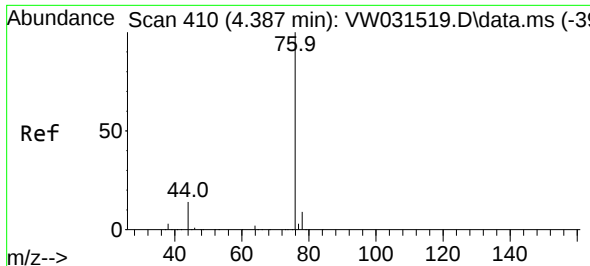
Tgt Ion: 96 Resp: 154812
Ion Ratio Lower Upper
96 100
61 184.1 125.3 232.7
63 139.9 104.6 194.2



#13
Acetone
Concen: 56.857 ug/L
RT: 4.167 min Scan# 374
Delta R.T. -0.013 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

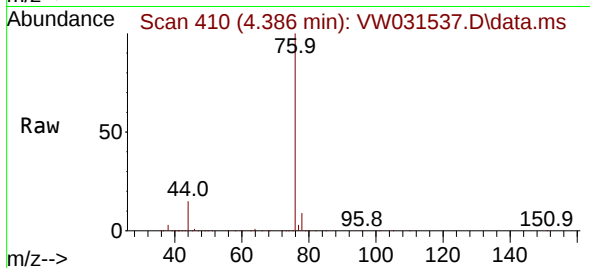
Tgt Ion: 43 Resp: 165251
Ion Ratio Lower Upper
43 100
58 29.3 0.0 0.0#



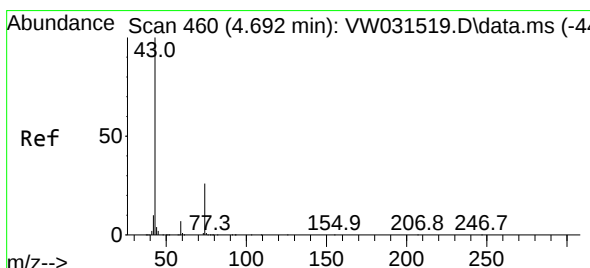
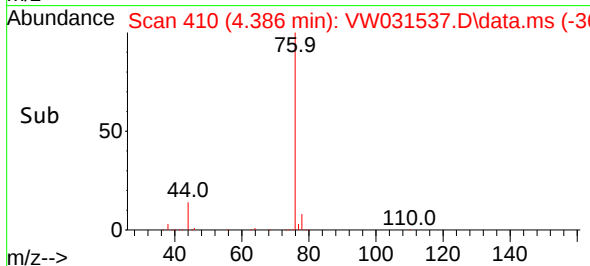
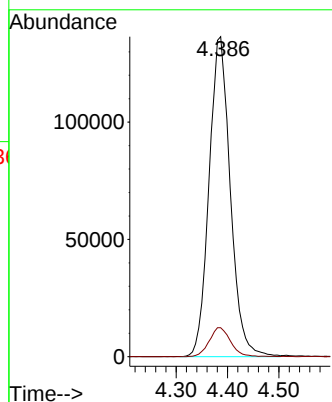


#14
Carbon disulfide
Concen: 13.309 ug/L
RT: 4.386 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031537.D
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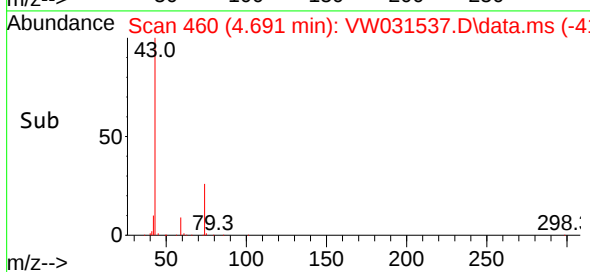
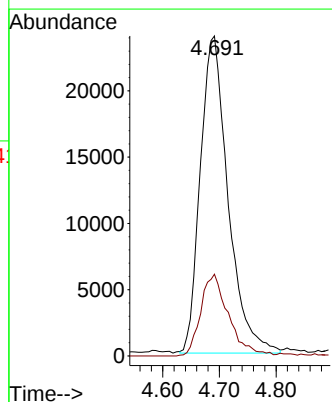
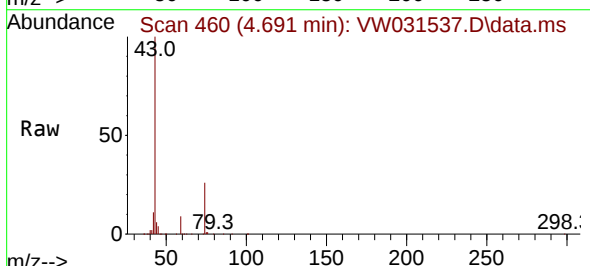


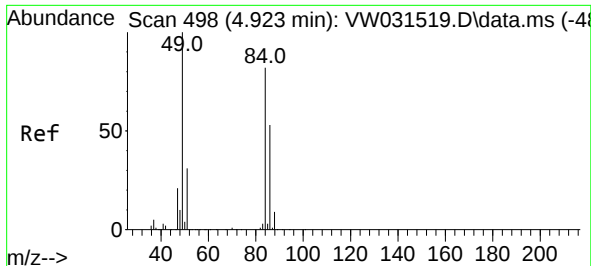
Tgt Ion: 76 Resp: 391915
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#15
Methyl Acetate
Concen: 24.705 ug/L
RT: 4.691 min Scan# 460
Delta R.T. -0.000 min
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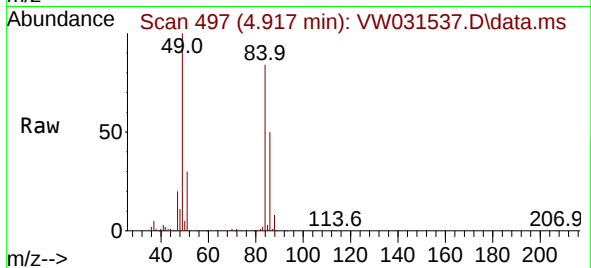
Tgt Ion: 43 Resp: 81553
Ion Ratio Lower Upper
43 100
74 25.3 18.9 28.3



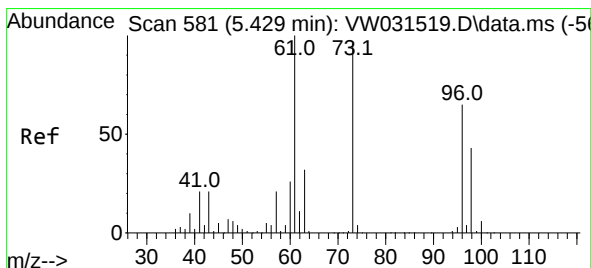
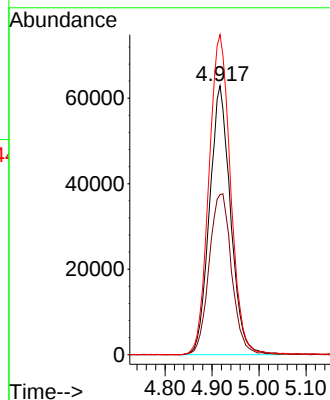
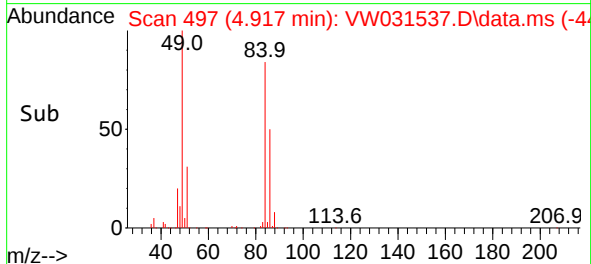


#16
Methylene chloride
Concen: 21.128 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Instrument :
MSVOA_W
ClientSampleId :

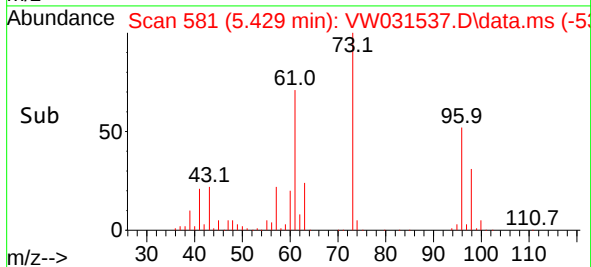
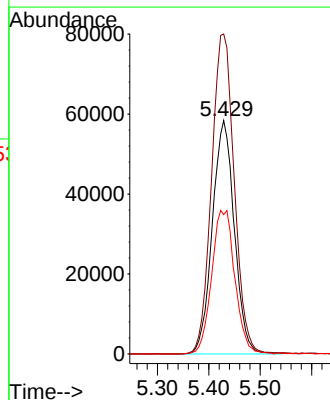
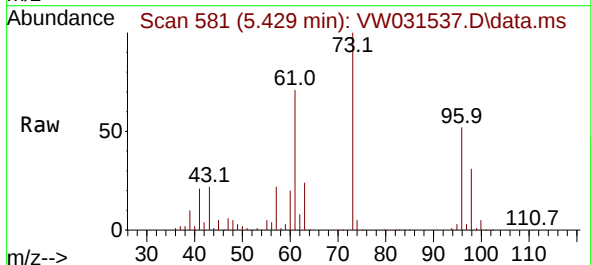


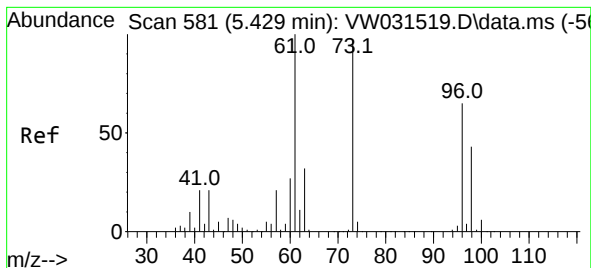
Tgt Ion: 84 Resp: 195797
Ion Ratio Lower Upper
84 100
86 59.5 44.7 82.9
49 119.0 88.3 164.1



#17
trans-1,2-Dichloroethene
Concen: 17.814 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 96 Resp: 173374
Ion Ratio Lower Upper
96 100
61 137.1 100.7 187.1
98 59.7 43.8 81.3





#18

Methyl tert-butyl Ether

Concen: 25.009 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

ClientSampleId :

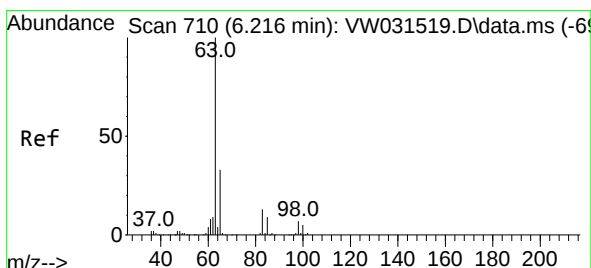
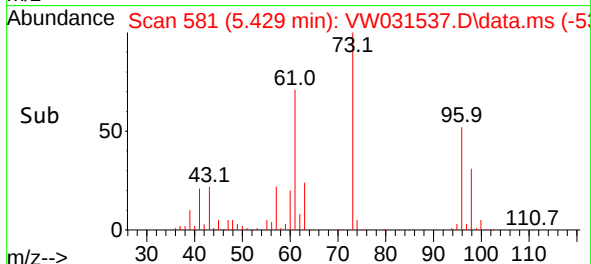
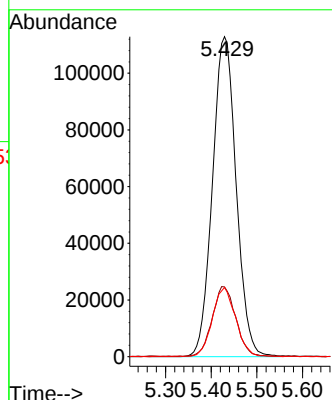
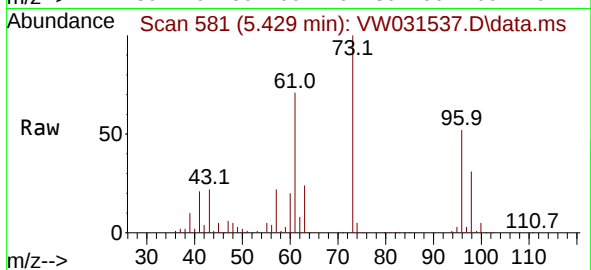
Tgt Ion: 73 Resp: 406915

Ion Ratio Lower Upper

73 100

43 21.6 17.9 26.9

57 20.9 17.9 26.9



#19

1,1-Dichloroethane

Concen: 20.066 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

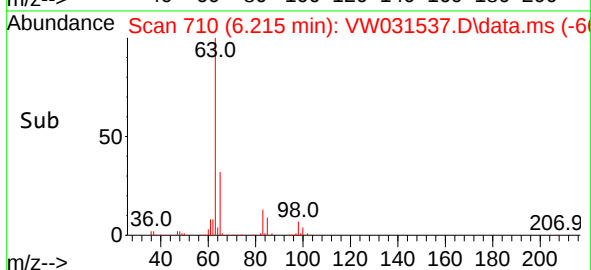
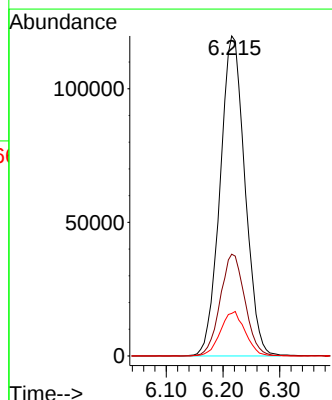
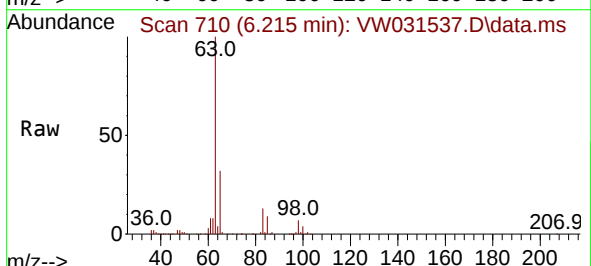
Tgt Ion: 63 Resp: 364951

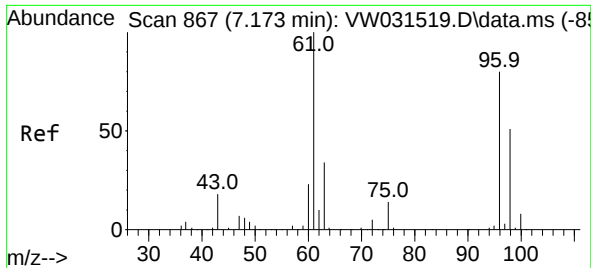
Ion Ratio Lower Upper

63 100

65 31.8 21.9 40.7

83 13.3 9.3 17.3



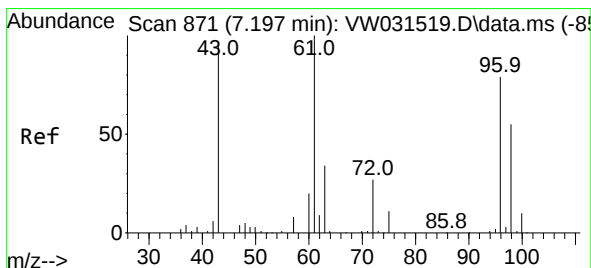
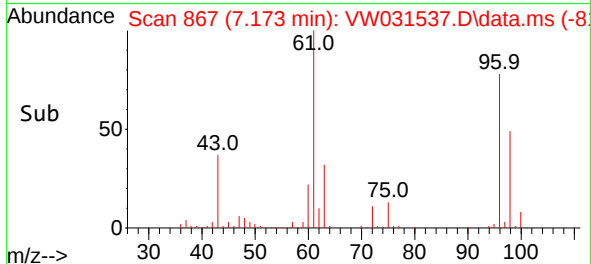
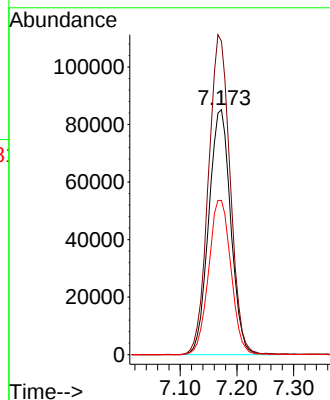
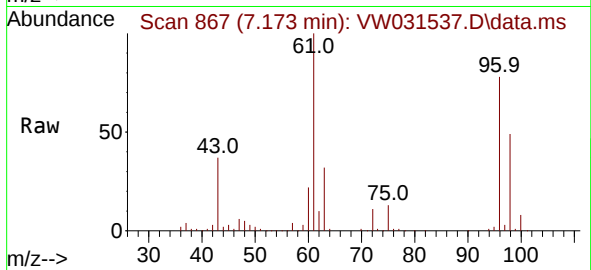


#20
 cis-1,2-Dichloroethene
 Concen: 21.842 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW031537.D
 Acq: 26 Dec 2024 18:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 230004

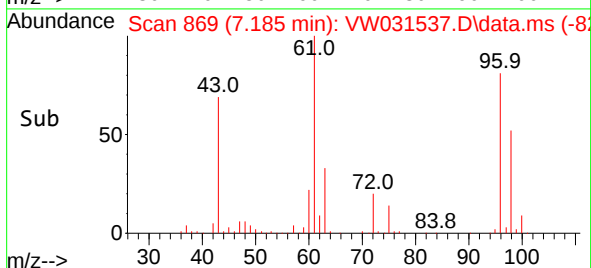
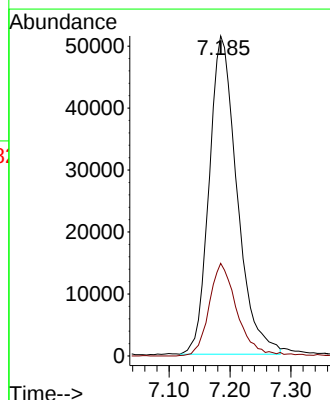
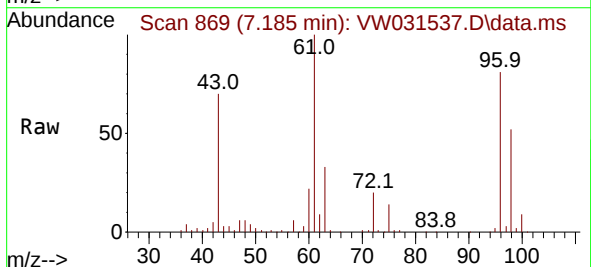
Ion	Ratio	Lower	Upper
96	100		
61	127.9	92.2	171.2
98	63.0	43.7	81.1

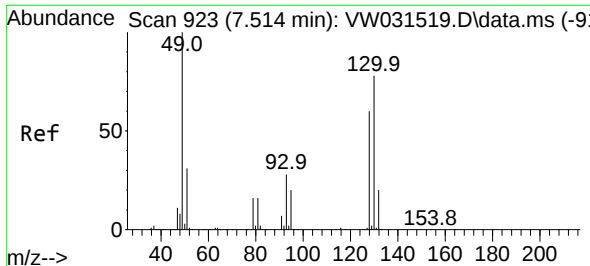


#22
 2-Butanone
 Concen: 46.334 ug/L
 RT: 7.185 min Scan# 869
 Delta R.T. -0.013 min
 Lab File: VW031537.D
 Acq: 26 Dec 2024 18:35

Tgt Ion: 43 Resp: 163171

Ion	Ratio	Lower	Upper
43	100		
72	28.4	13.3	39.8

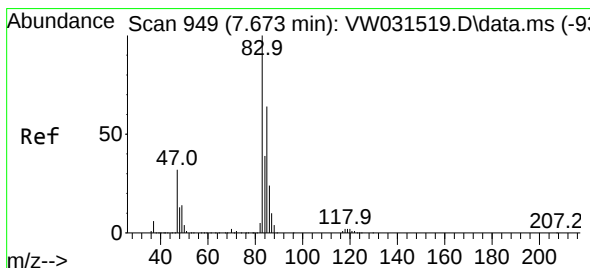
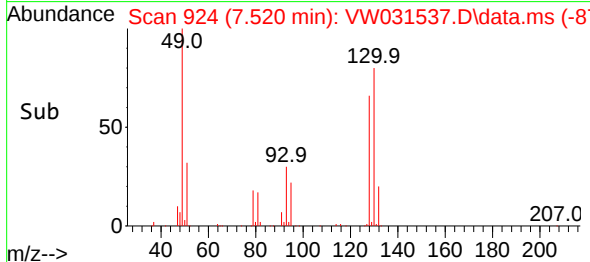
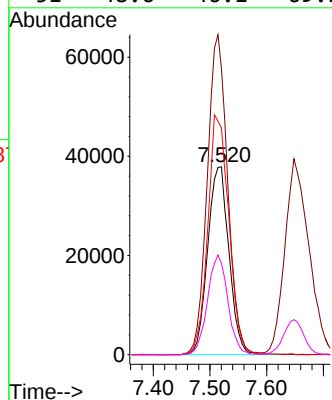
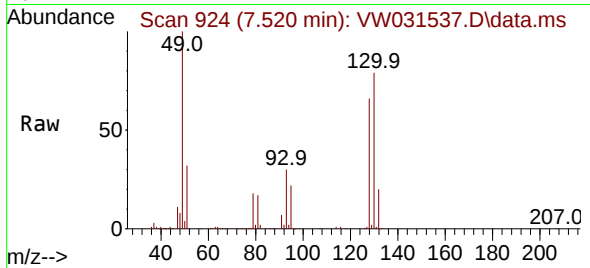




#23
Bromochloromethane
Concen: 23.476 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

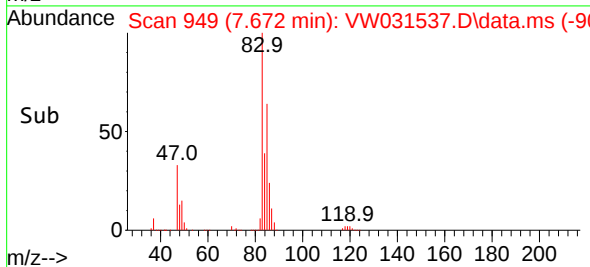
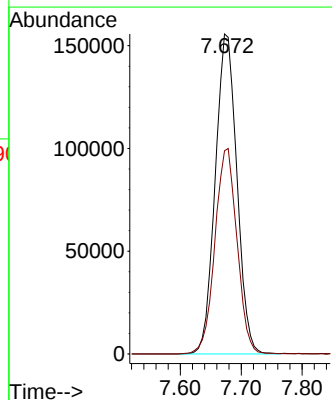
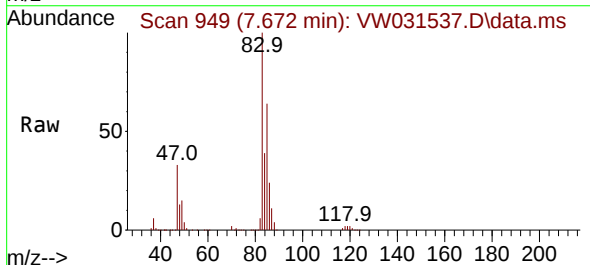
Instrument :
MSVOA_W
ClientSampleId :

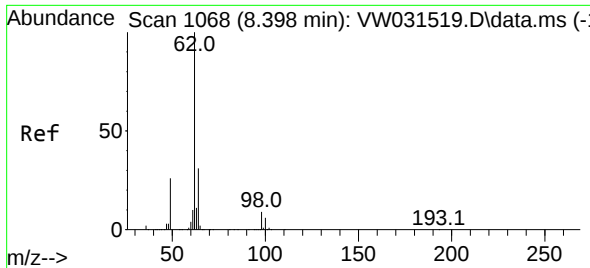
Tgt Ion:128 Resp: 98592
Ion Ratio Lower Upper
128 100
49 152.1 123.7 229.7
130 120.6 90.3 167.7
51 48.6 46.1 69.1



#25
Chloroform
Concen: 21.438 ug/L
RT: 7.672 min Scan# 949
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 83 Resp: 384807
Ion Ratio Lower Upper
83 100
85 63.5 46.1 85.5





#27

1,2-Dichloroethane

Concen: 23.618 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

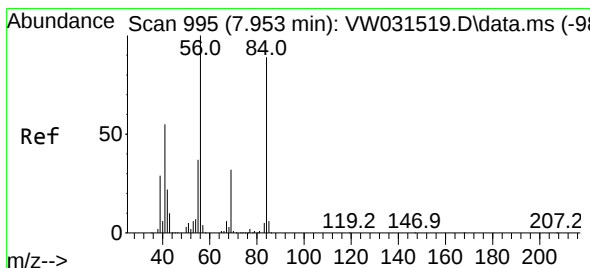
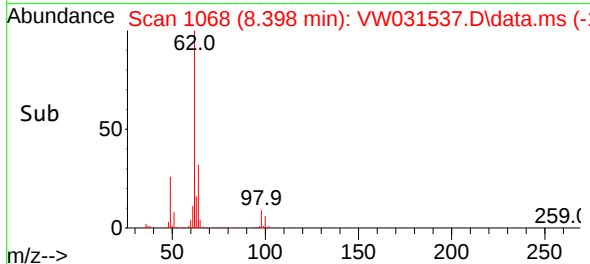
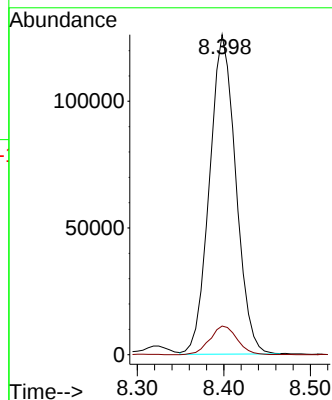
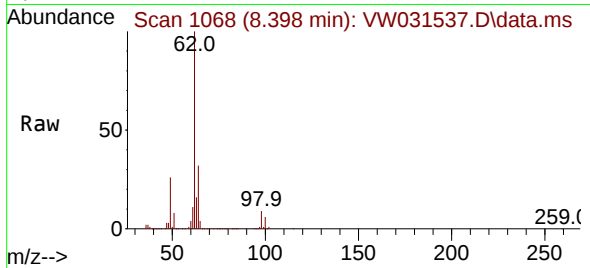
ClientSampleId :

Tgt Ion: 62 Resp: 266520

Ion Ratio Lower Upper

62 100

98 9.0 7.2 10.8



#29

Cyclohexane

Concen: 14.698 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

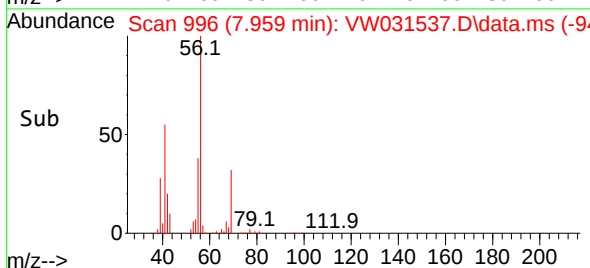
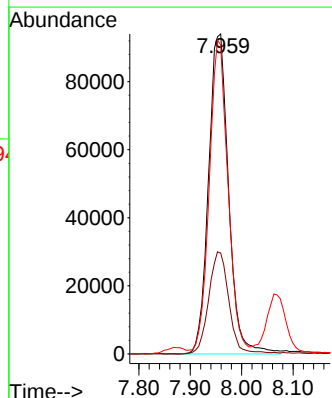
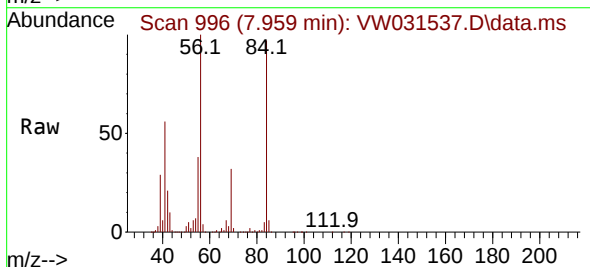
Tgt Ion: 56 Resp: 254975

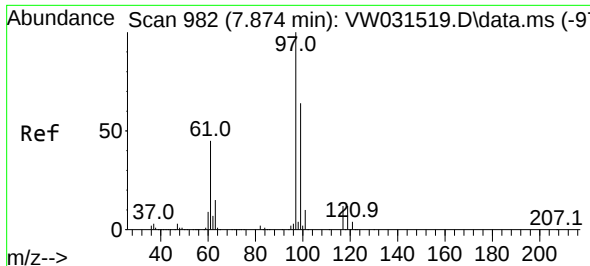
Ion Ratio Lower Upper

56 100

69 31.7 25.0 37.4

84 91.1 68.9 103.3

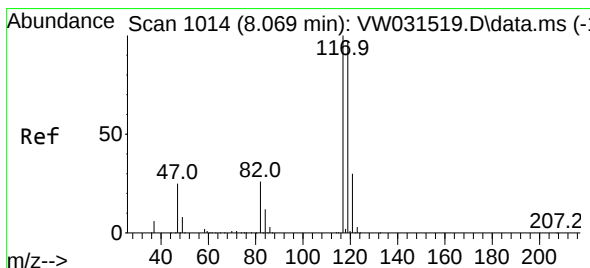
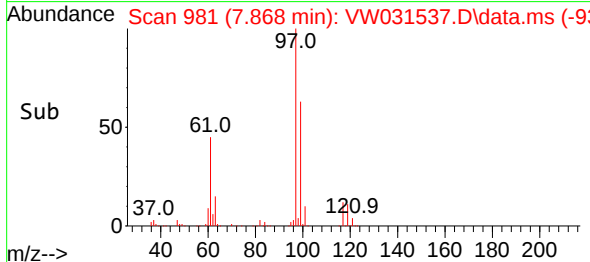
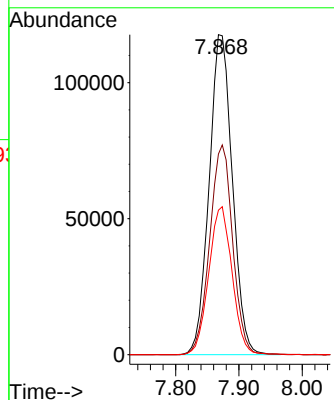
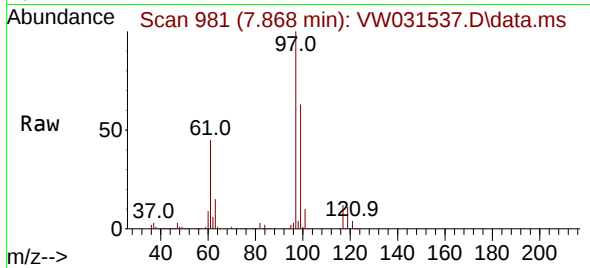




#30
1,1,1-Trichloroethane
Concen: 18.174 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

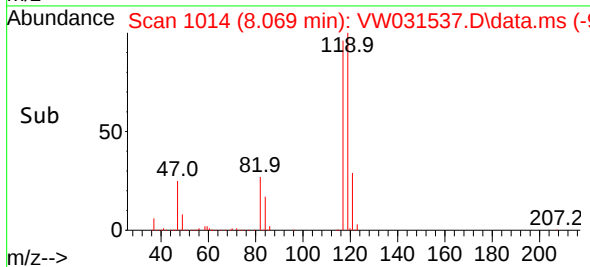
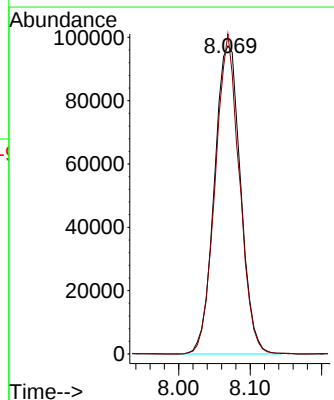
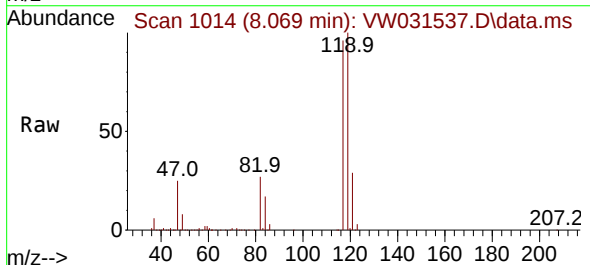
Instrument :
MSVOA_W
ClientSampleId :

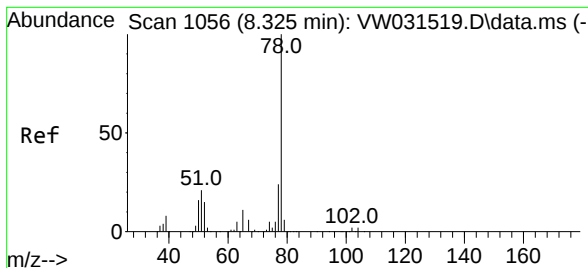
Tgt Ion: 97 Resp: 300491
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 46.4 36.3 54.5



#31
Carbon tetrachloride
Concen: 16.791 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 117 Resp: 247329
Ion Ratio Lower Upper
117 100
119 95.8 76.0 114.0





#33

Benzene

Concen: 19.254 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW031537.D

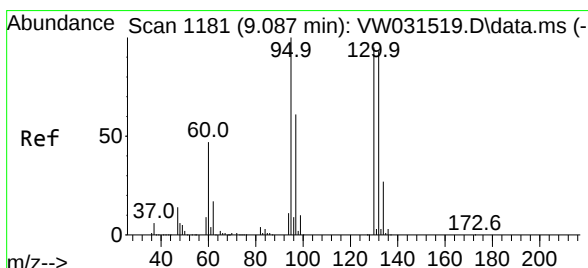
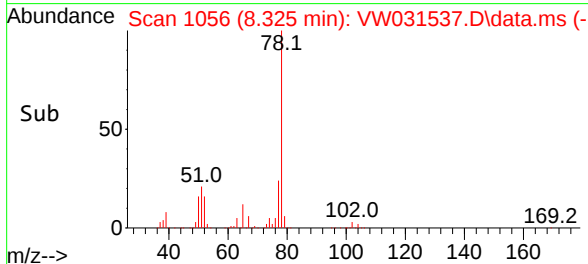
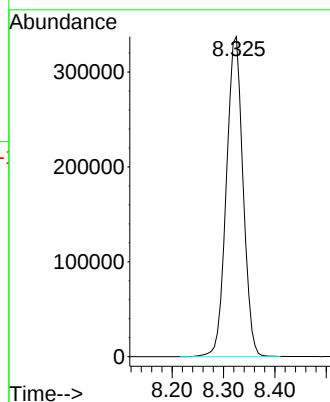
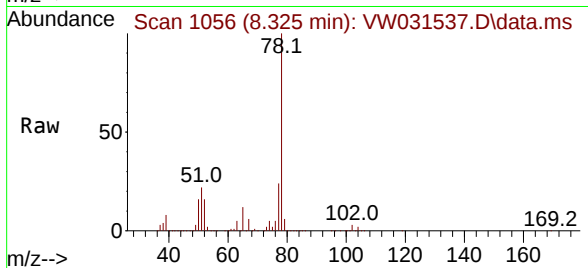
Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 761142



#34

Trichloroethene

Concen: 18.307 ug/L

RT: 9.087 min Scan# 1181

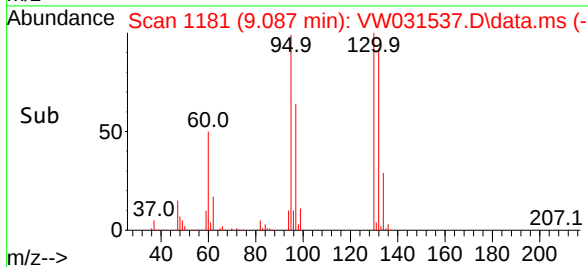
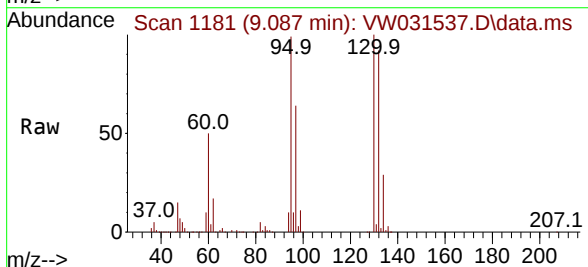
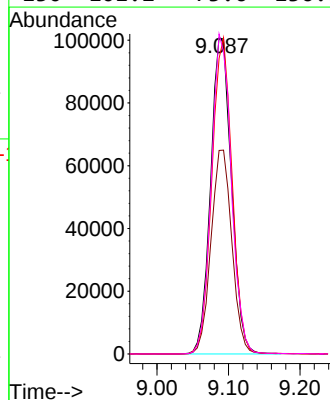
Delta R.T. -0.000 min

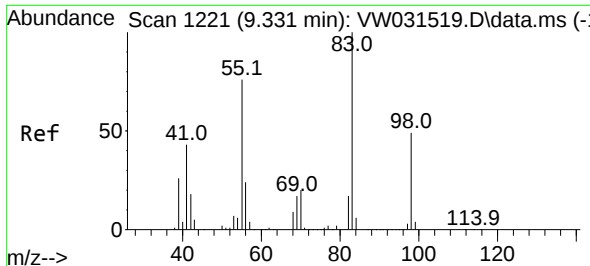
Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Tgt Ion: 95 Resp: 204314

Ion	Ratio	Lower	Upper
95	100		
97	64.4	46.5	86.3
132	93.5	70.3	130.5
130	101.2	73.6	136.8

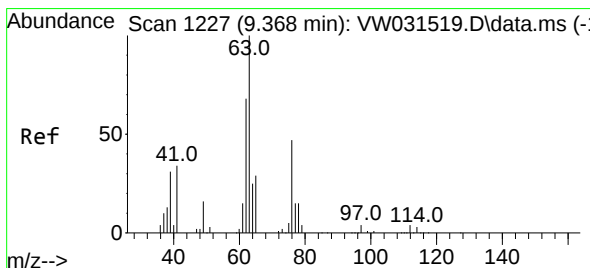
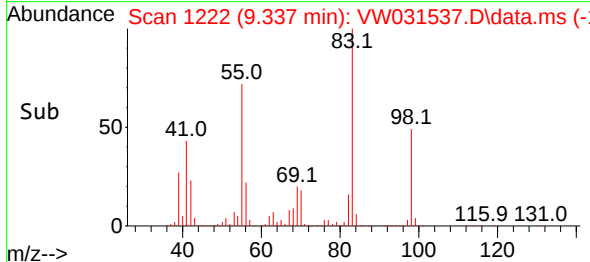
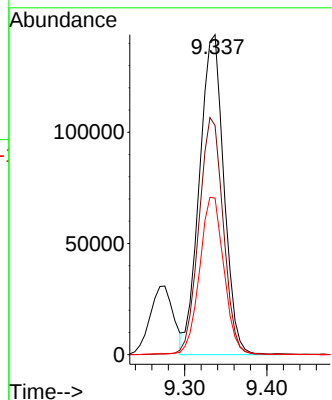
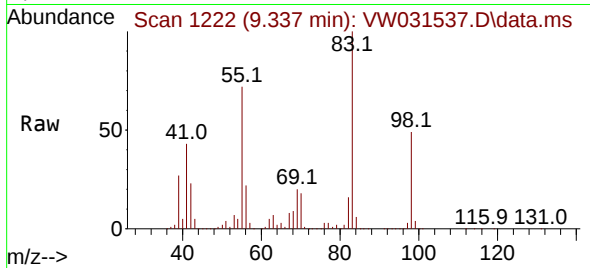




#35
Methylcyclohexane
Concen: 15.268 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

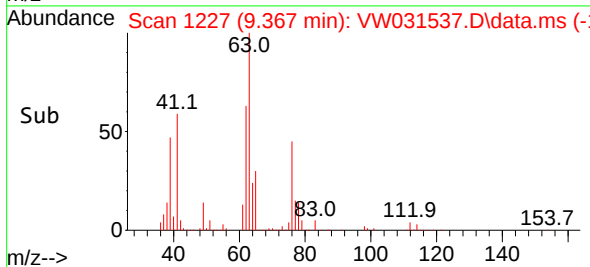
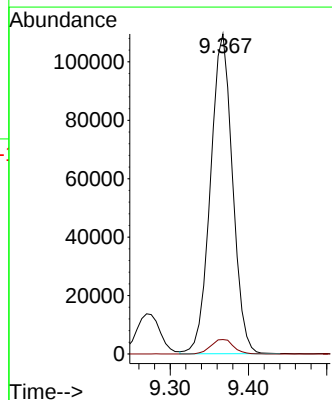
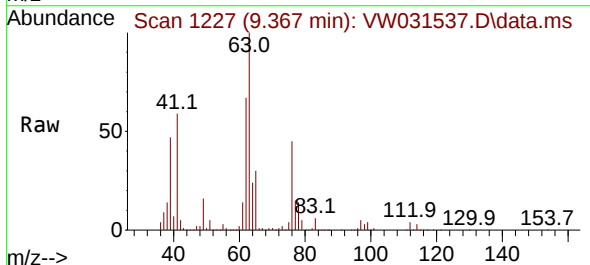
Instrument :
MSVOA_W
ClientSampleId :

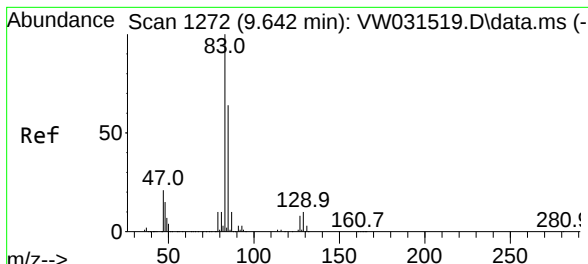
Tgt Ion: 83 Resp: 296744
Ion Ratio Lower Upper
83 100
55 73.8 62.6 93.8
98 49.4 39.8 59.6



#37
1,2-Dichloropropane
Concen: 21.696 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 63 Resp: 213962
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8



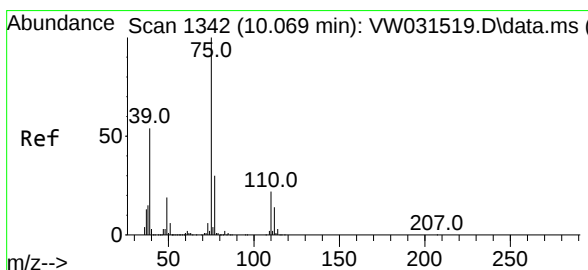
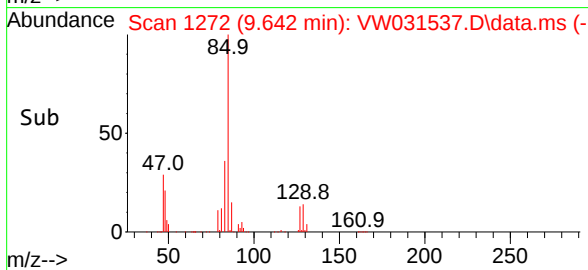
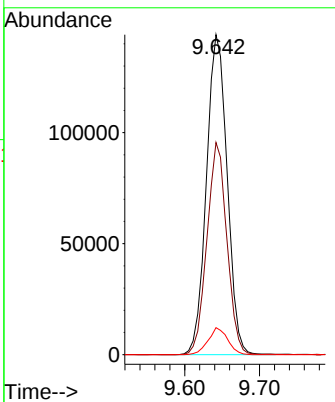
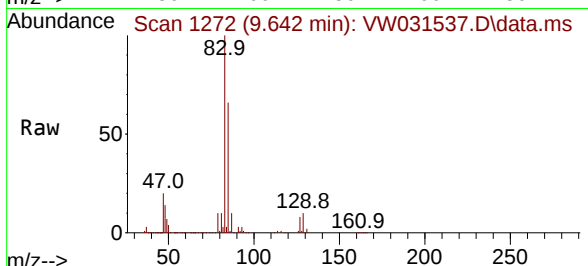


#38
 Bromodichloromethane
 Concen: 21.699 ug/L
 RT: 9.642 min Scan# 1272
 Delta R.T. -0.000 min
 Lab File: VW031537.D
 Acq: 26 Dec 2024 18:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 83 Resp: 278194

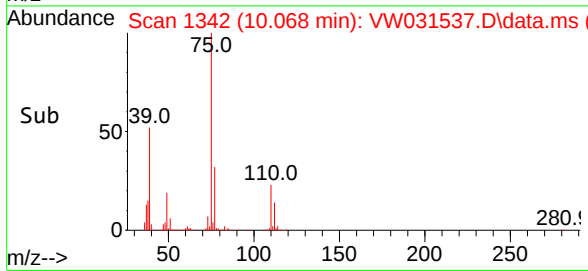
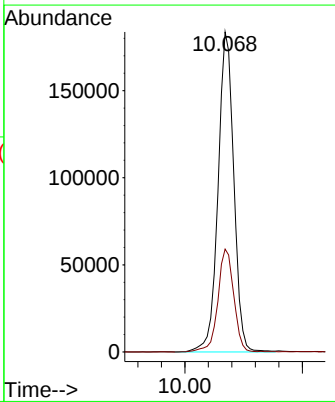
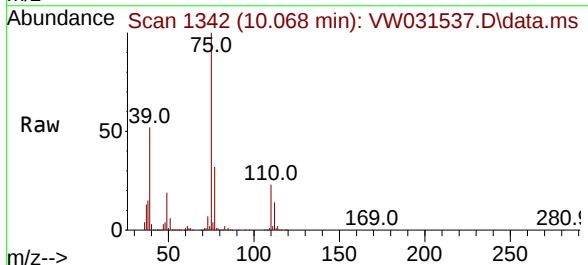
Ion	Ratio	Lower	Upper
83	100		
85	66.3	46.5	86.5
127	8.4	6.2	9.4

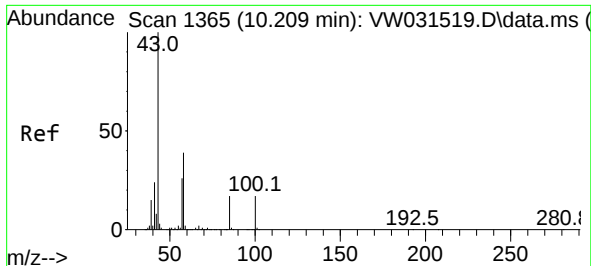


#39
 cis-1,3-Dichloropropene
 Concen: 20.508 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW031537.D
 Acq: 26 Dec 2024 18:35

Tgt Ion: 75 Resp: 341747

Ion	Ratio	Lower	Upper
75	100		
77	32.2	21.8	40.4

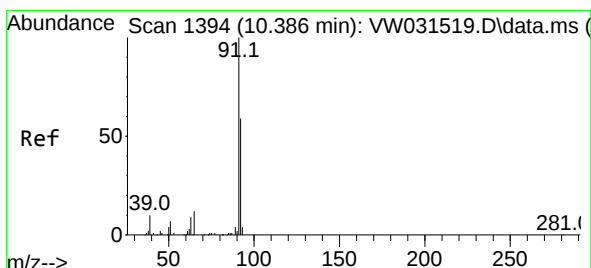
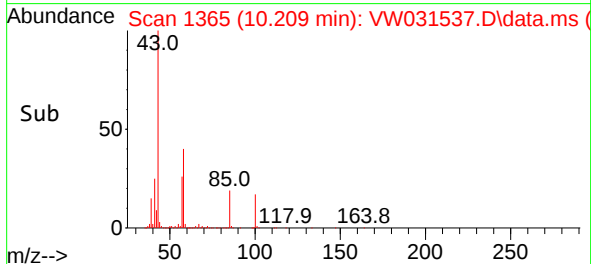
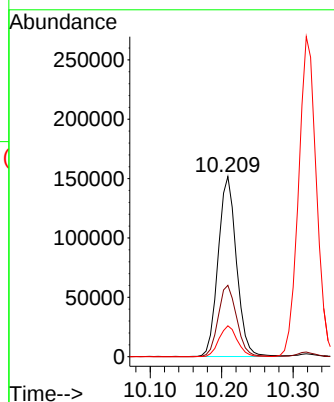
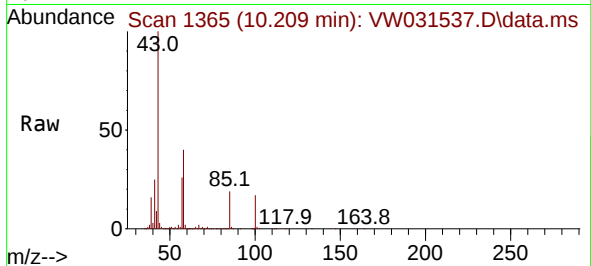




#40
4-Methyl-2-pentanone
Concen: 51.597 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

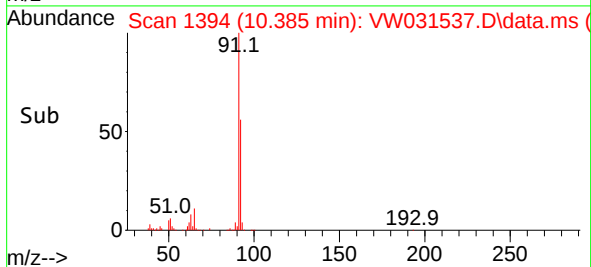
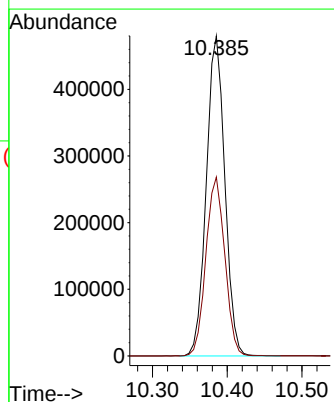
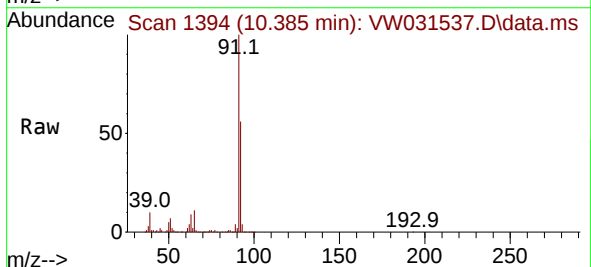
Instrument :
MSVOA_W
ClientSampleId :

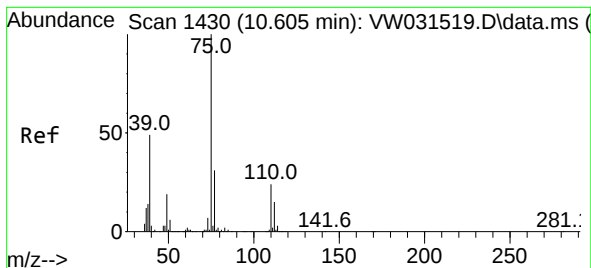
Tgt Ion: 43 Resp: 269956
Ion Ratio Lower Upper
43 100
58 40.0 31.1 46.7
100 17.2 13.0 19.6



#42
Toluene
Concen: 19.215 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 91 Resp: 827000
Ion Ratio Lower Upper
91 100
92 55.9 40.3 74.9





#44

trans-1,3-Dichloropropene

Concen: 21.181 ug/L

RT: 10.605 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

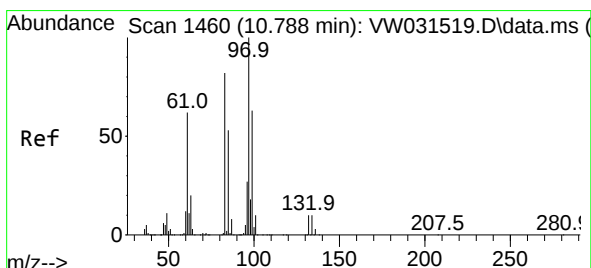
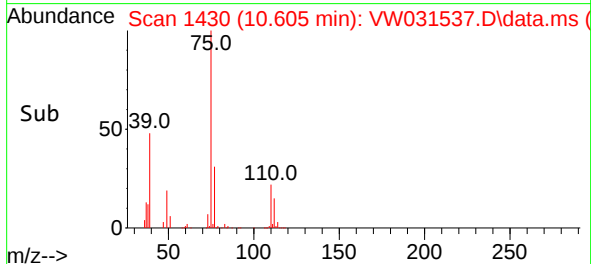
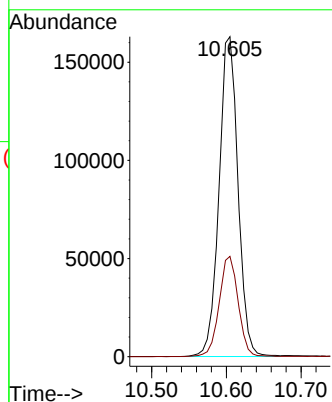
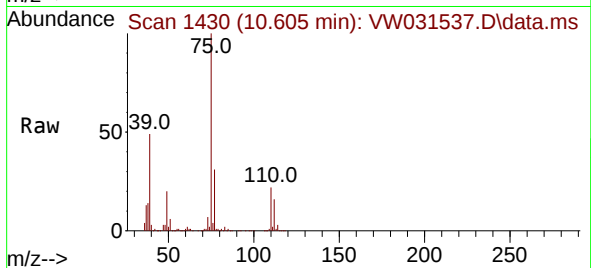
ClientSampleId :

Tgt Ion: 75 Resp: 288210

Ion Ratio Lower Upper

75 100

77 31.4 21.2 39.4



#45

1,1,2-Trichloroethane

Concen: 25.478 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Tgt Ion: 97 Resp: 167122

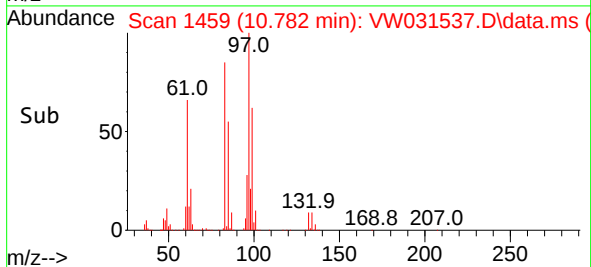
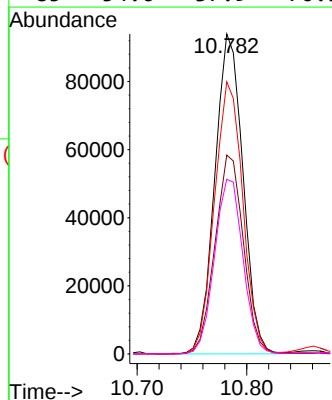
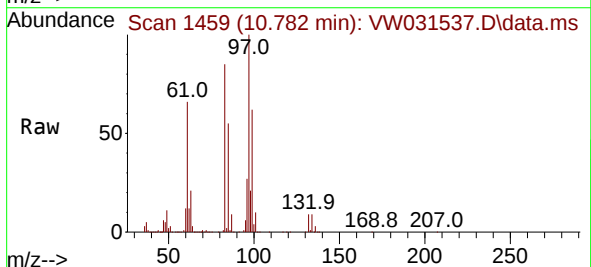
Ion Ratio Lower Upper

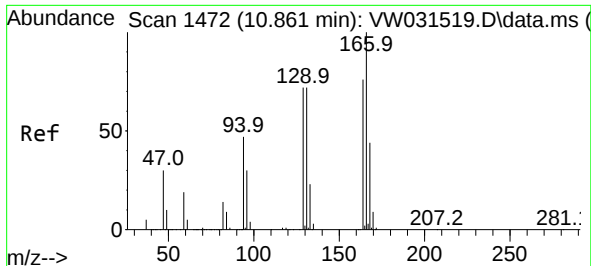
97 100

99 62.1 43.0 80.0

83 85.1 56.4 104.7

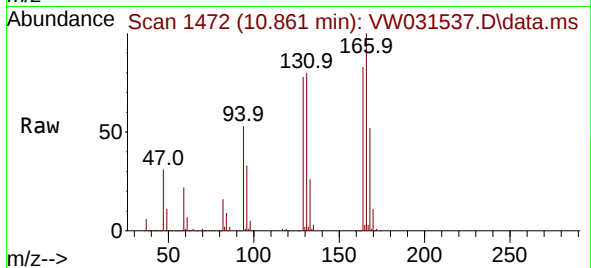
85 54.6 37.9 70.3



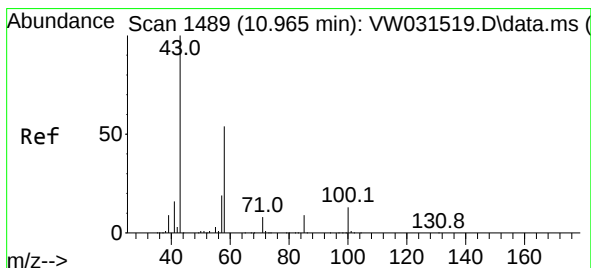
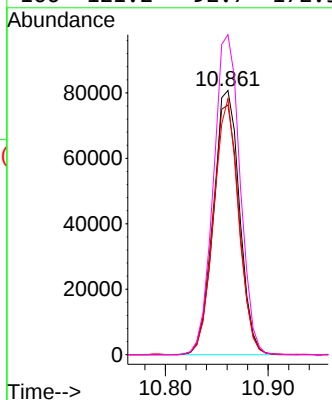
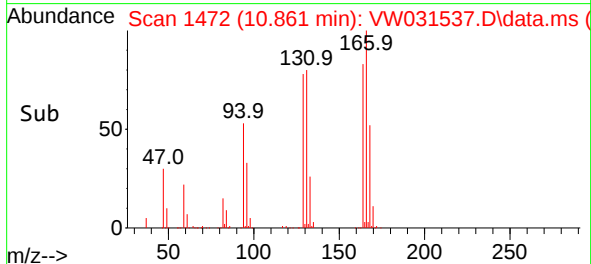


#46
Tetrachloroethene
Concen: 17.250 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

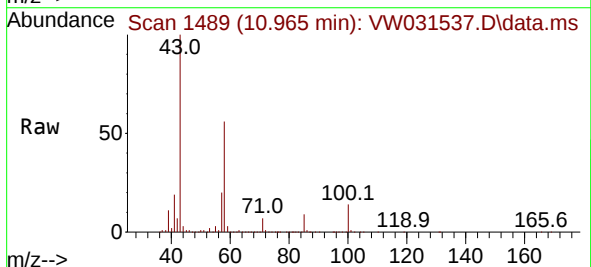
Instrument :
MSVOA_W
ClientSampleId :



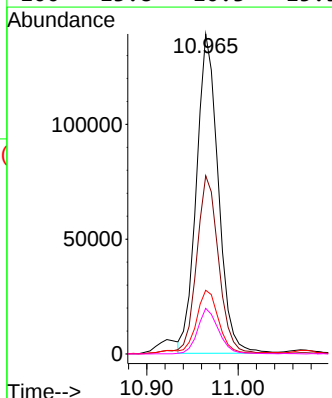
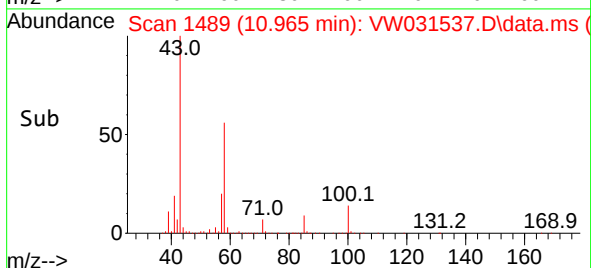
Tgt Ion:	164	Resp:	141020
Ion Ratio	Lower	Upper	
164	100		
129	94.6	73.5	136.5
131	96.9	66.6	123.8
166	121.2	92.7	172.3

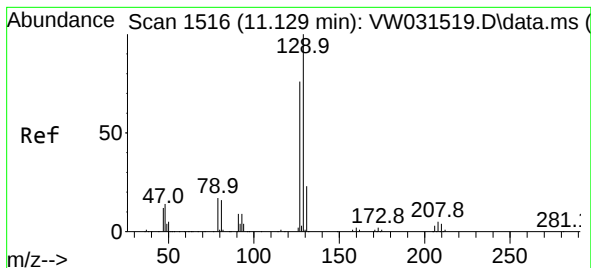


#48
2-Hexanone
Concen: 51.829 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35



Tgt Ion:	43	Resp:	230628
Ion Ratio	Lower	Upper	
43	100		
58	57.1	43.0	64.6
57	20.0	15.7	23.5
100	13.8	10.3	15.5





#49

Dibromochloromethane

Concen: 22.891 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

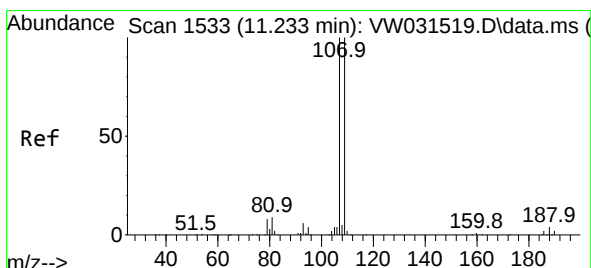
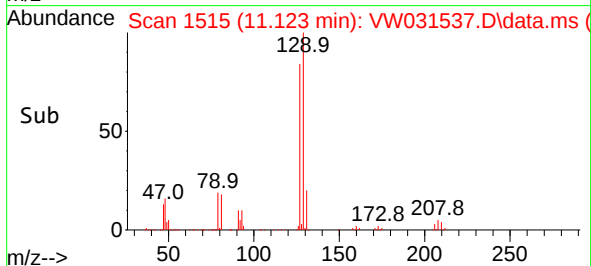
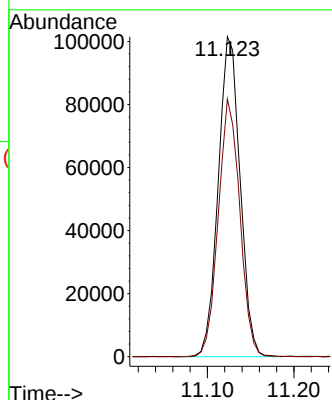
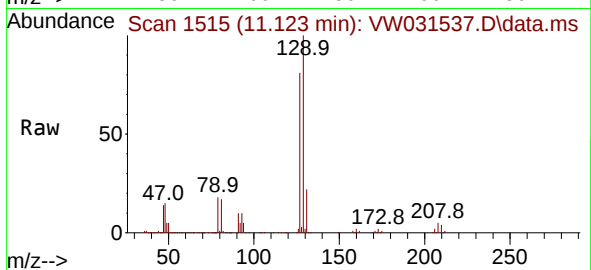
ClientSampleId :

Tgt Ion:129 Resp: 177989

Ion Ratio Lower Upper

129 100

127 80.6 57.6 107.0



#50

1,2-Dibromoethane

Concen: 25.314 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

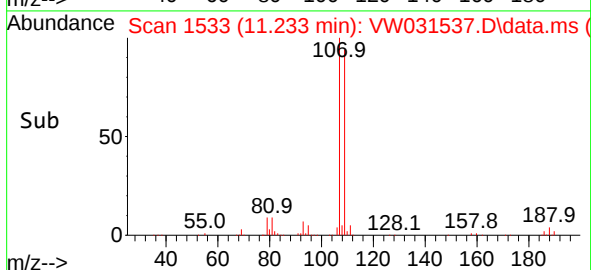
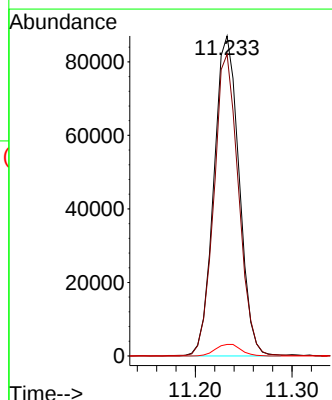
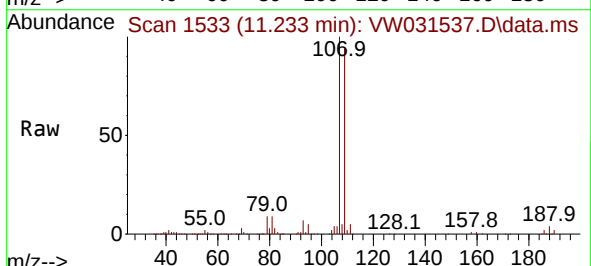
Tgt Ion:107 Resp: 157294

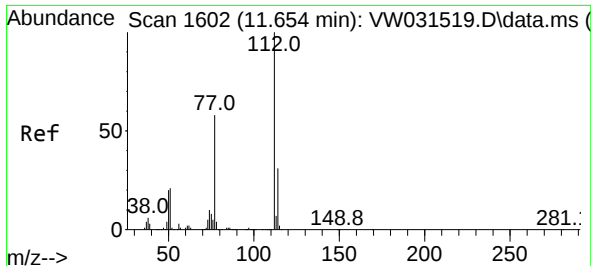
Ion Ratio Lower Upper

107 100

109 94.3 63.2 117.4

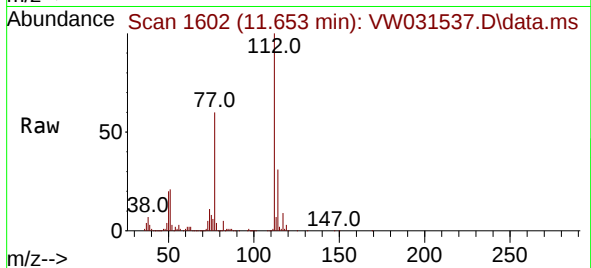
188 3.6 2.6 4.0



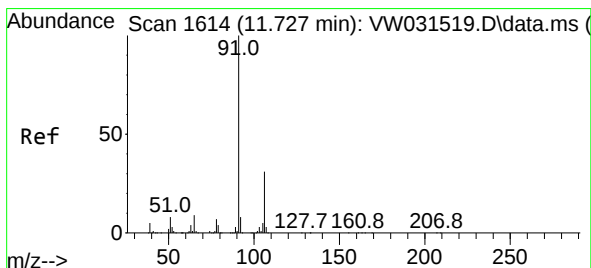
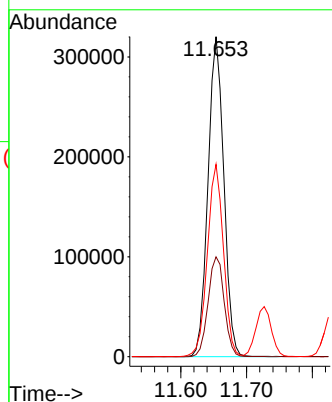
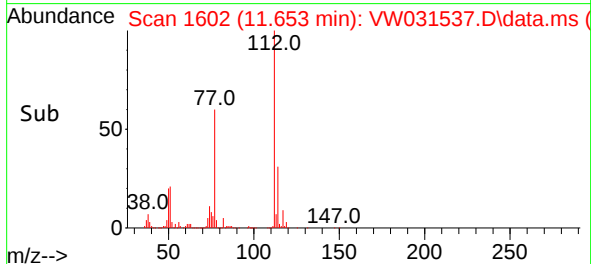


#51
Chlorobenzene
Concen: 19.877 ug/L
RT: 11.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Instrument :
MSVOA_W
ClientSampleId :

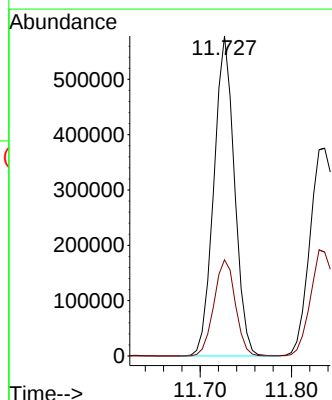
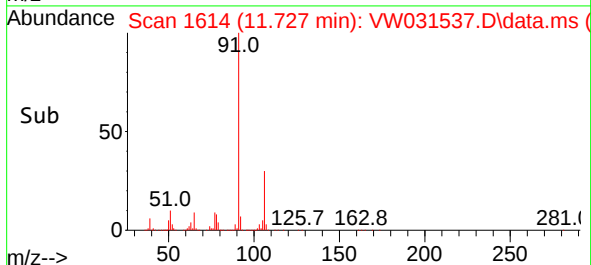
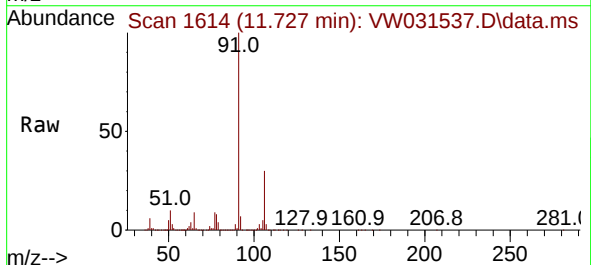


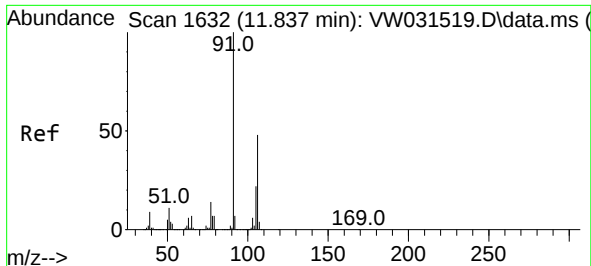
Tgt Ion:112 Resp: 536377
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.3
77 60.1 50.2 75.4



#52
Ethylbenzene
Concen: 18.144 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 91 Resp: 905032
Ion Ratio Lower Upper
91 100
106 30.0 20.7 38.5

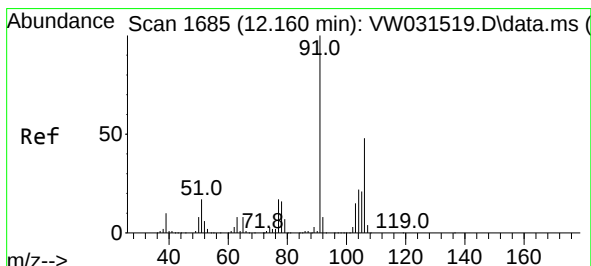
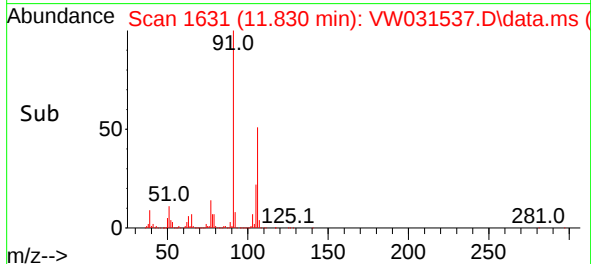
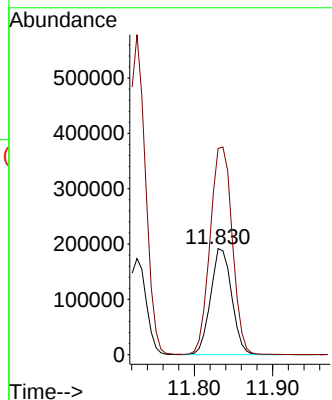
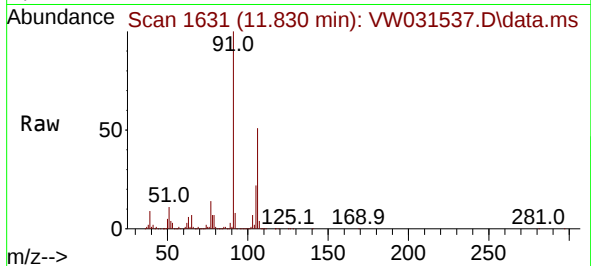




#53
m,p-Xylene
Concen: 18.925 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

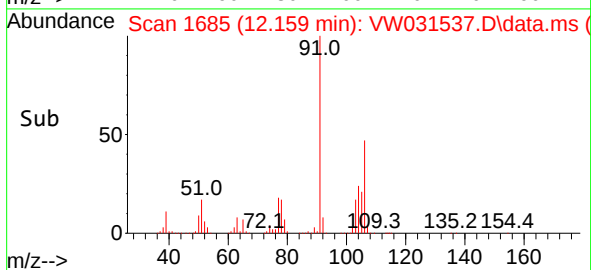
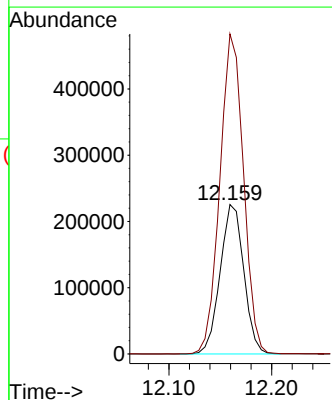
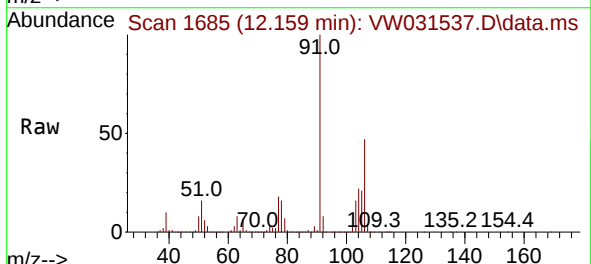
Instrument :
MSVOA_W
ClientSampleId :

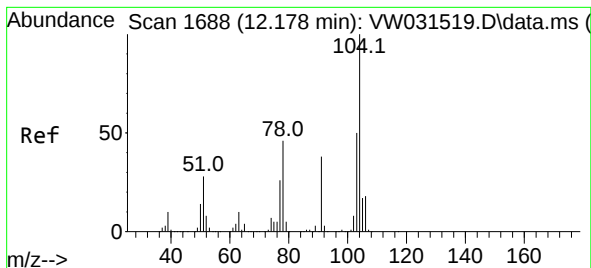
Tgt Ion:106 Resp: 359372
Ion Ratio Lower Upper
106 100
91 194.4 139.9 259.7



#54
o-Xylene
Concen: 20.133 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion:106 Resp: 360302
Ion Ratio Lower Upper
106 100
91 214.1 153.1 284.3





#55

Styrene

Concen: 20.104 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

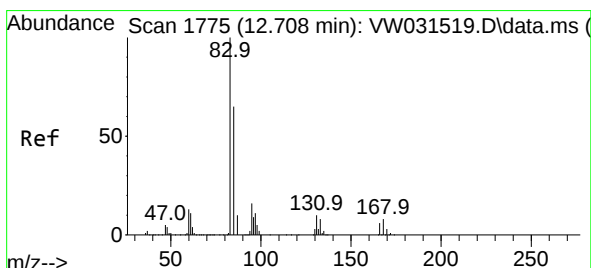
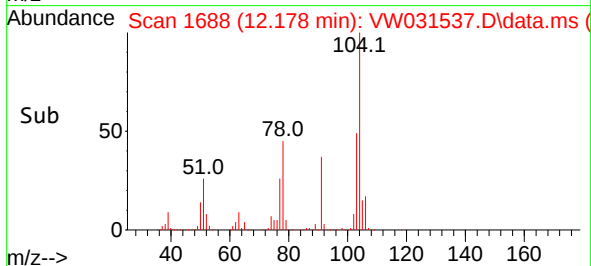
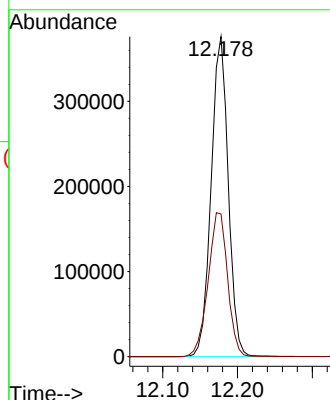
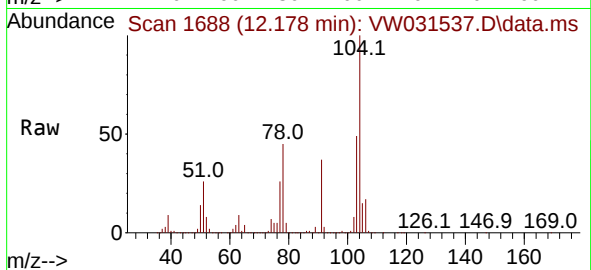
ClientSampleId :

Tgt Ion:104 Resp: 598465

Ion Ratio Lower Upper

104 100

78 44.6 31.4 58.4



#57

1,1,2,2-Tetrachloroethane

Concen: 27.586 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

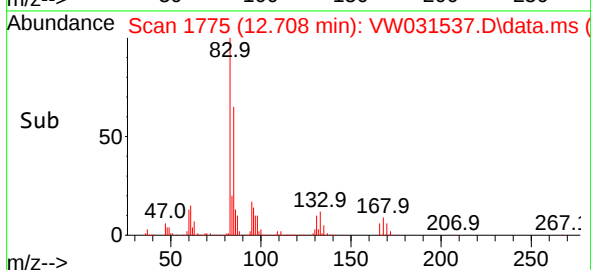
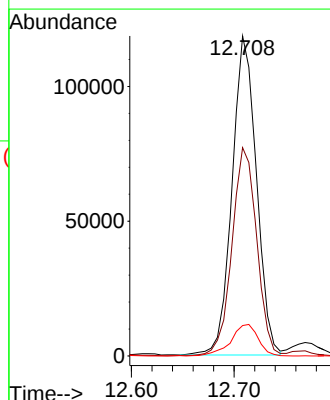
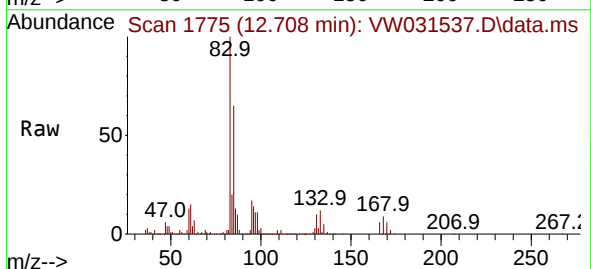
Tgt Ion: 83 Resp: 195060

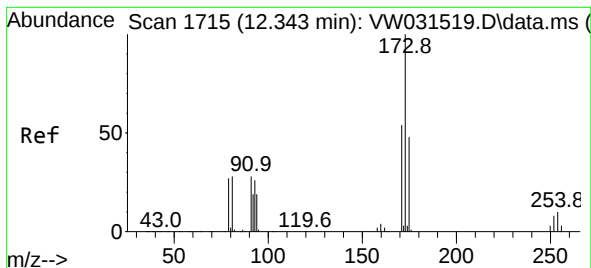
Ion Ratio Lower Upper

83 100

85 65.1 44.1 81.9

131 9.5 7.9 11.9





#59

Bromoform

Concen: 22.824 ug/L

RT: 12.348 min Scan# 1715

Delta R.T. 0.006 min

Lab File: VW031537.D

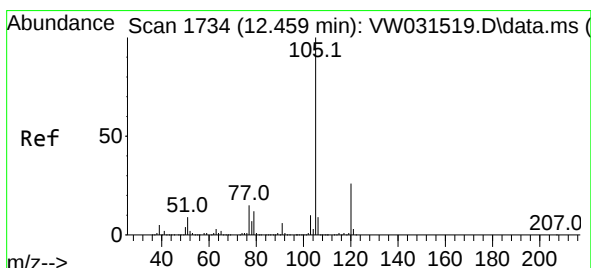
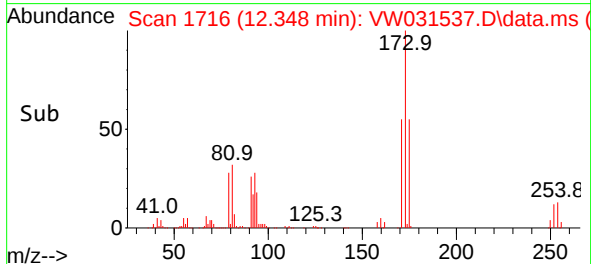
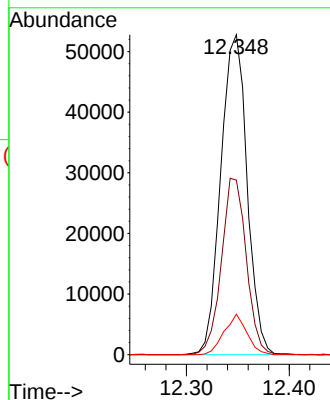
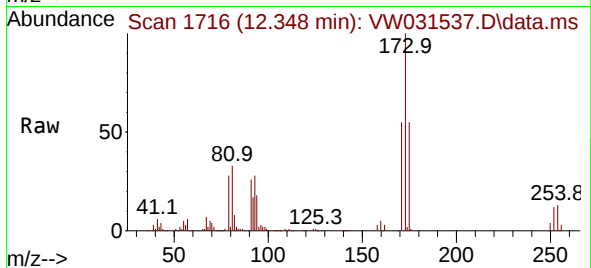
Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:173	Resp:	93862
Ion Ratio	Lower	Upper
173	100	
175	52.2	38.6 57.8
254	11.0	7.6 11.4



#60

Isopropylbenzene

Concen: 18.303 ug/L

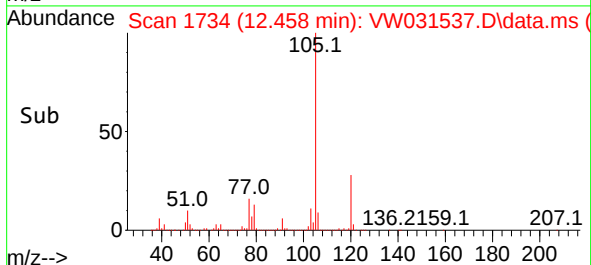
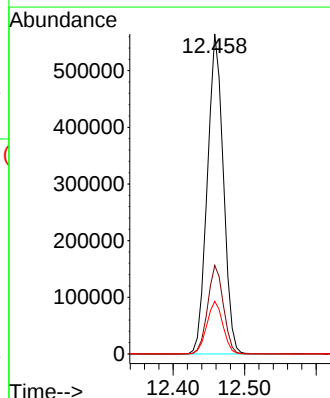
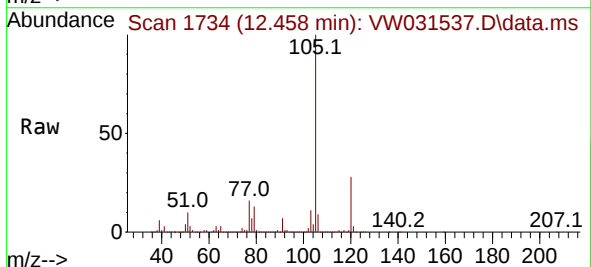
RT: 12.458 min Scan# 1734

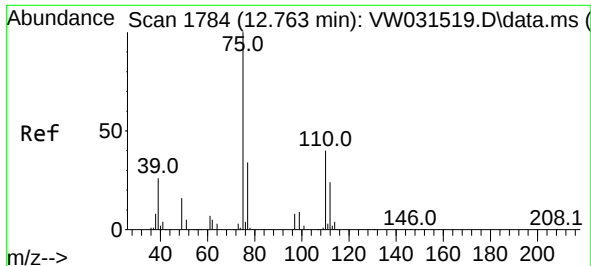
Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

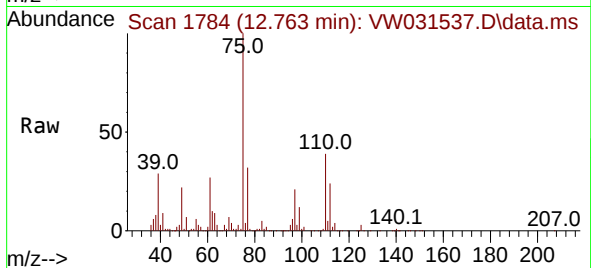
Tgt Ion:105	Resp:	876833
Ion Ratio	Lower	Upper
105	100	
120	27.2	20.6 31.0
77	16.5	12.8 19.2



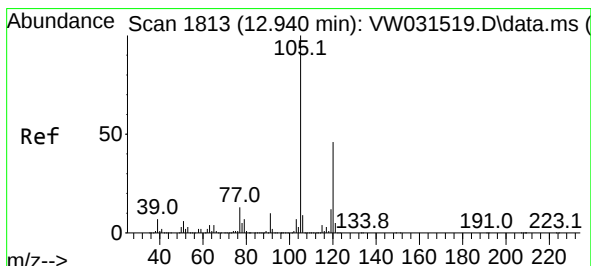
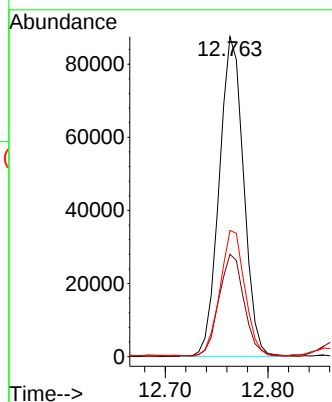
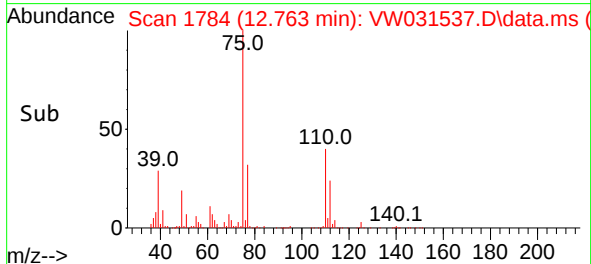


#61
1,2,3-Trichloropropane
Concen: 28.736 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Instrument :
MSVOA_W
ClientSampleId :

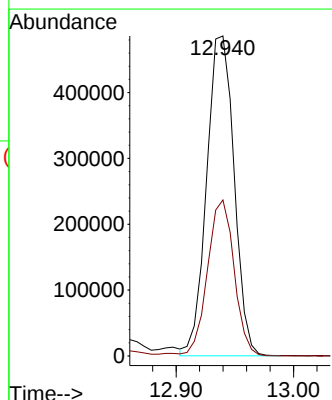
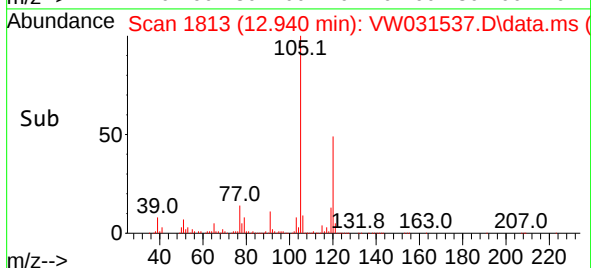
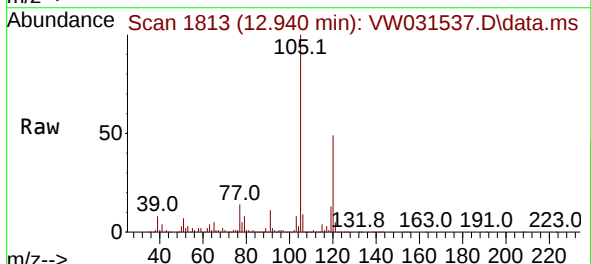


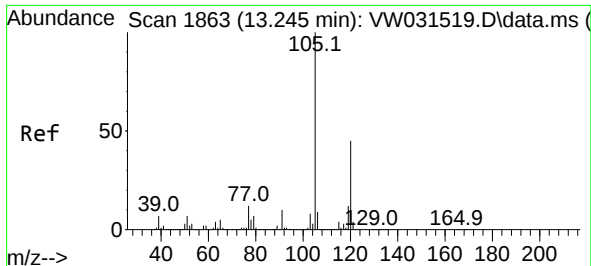
Tgt Ion: 75 Resp: 143947
Ion Ratio Lower Upper
75 100
77 32.5 25.3 37.9
110 39.8 31.2 46.8



#62
1,3,5-Trimethylbenzene
Concen: 19.460 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion: 105 Resp: 790375
Ion Ratio Lower Upper
105 100
120 47.1 37.3 55.9

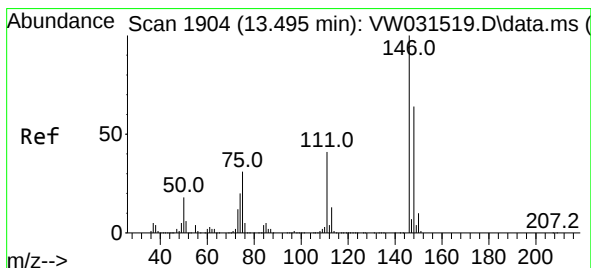
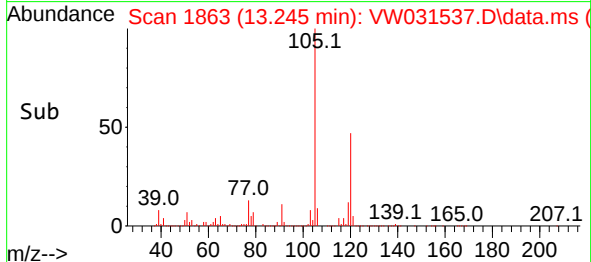
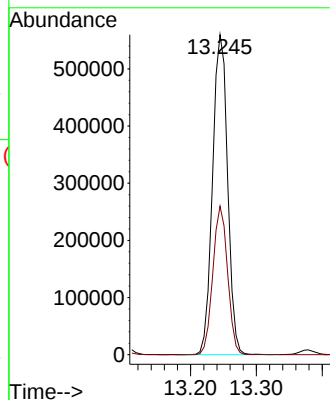
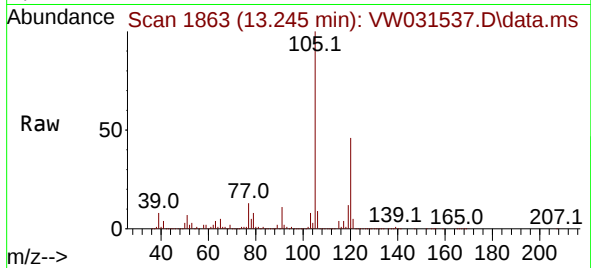




#63
1,2,4-Trimethylbenzene
Concen: 22.687 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

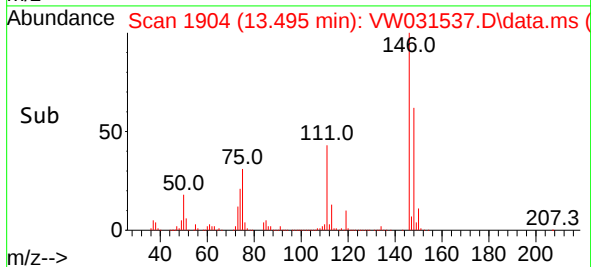
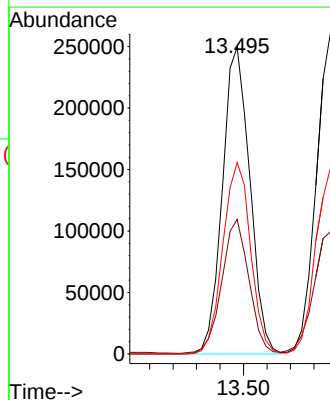
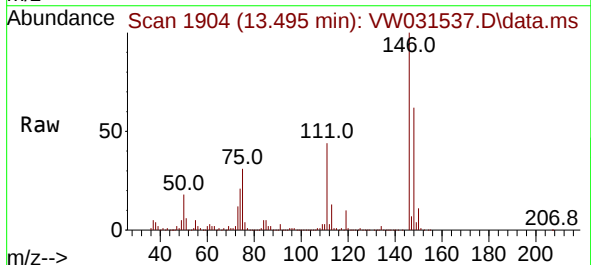
Instrument :
MSVOA_W
ClientSampleId :

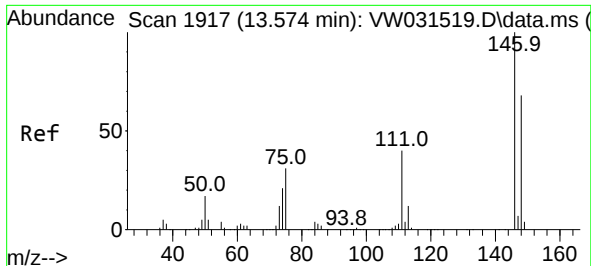
Tgt Ion:105 Resp: 890602
Ion Ratio Lower Upper
105 100
120 45.5 35.0 52.4



#64
1,3-Dichlorobenzene
Concen: 20.862 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion:146 Resp: 404916
Ion Ratio Lower Upper
146 100
111 43.9 27.6 51.2
148 62.4 41.0 76.2

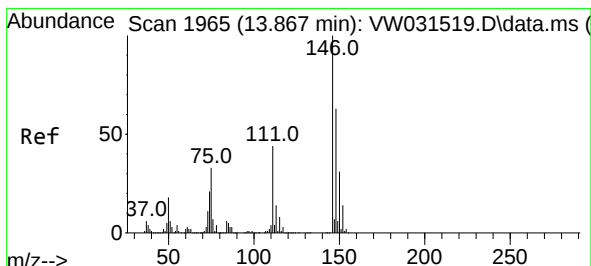
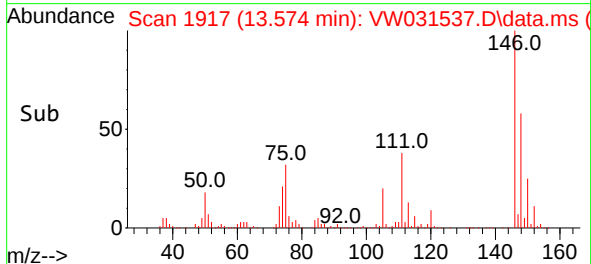
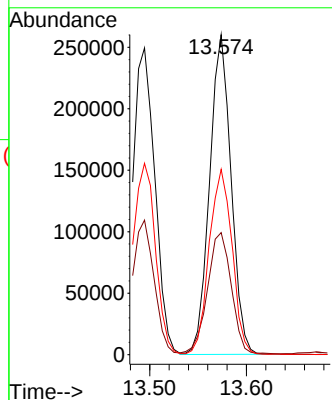
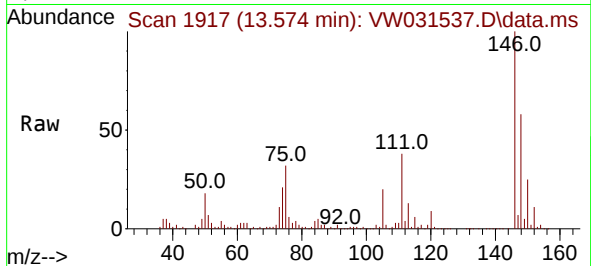




#65
1,4-Dichlorobenzene
Concen: 20.877 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

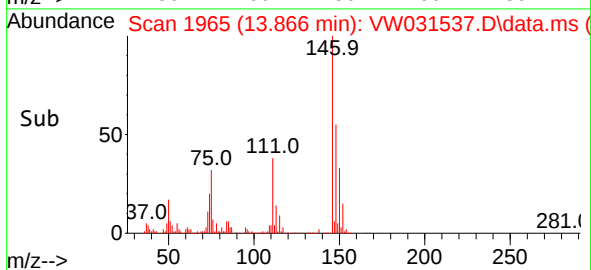
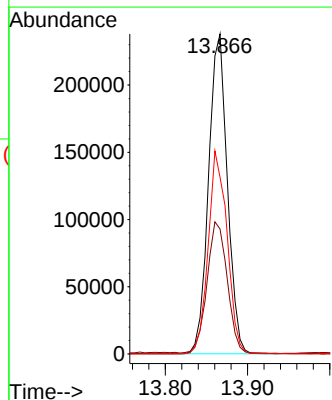
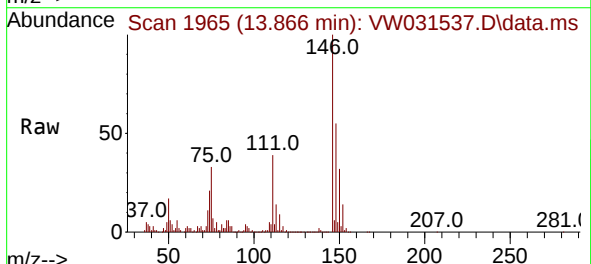
Instrument :
MSVOA_W
ClientSampleId :

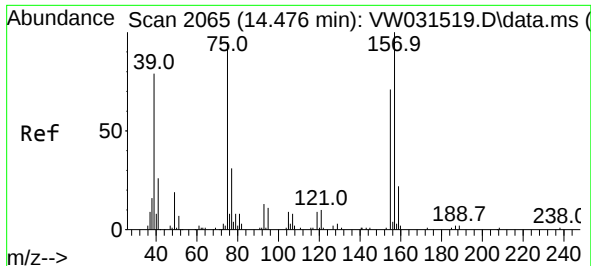
Tgt Ion:146 Resp: 401487
Ion Ratio Lower Upper
146 100
111 38.2 30.7 56.9
148 57.9 46.5 86.3



#67
1,2-Dichlorobenzene
Concen: 22.574 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW031537.D
Acq: 26 Dec 2024 18:35

Tgt Ion:146 Resp: 377517
Ion Ratio Lower Upper
146 100
111 39.1 38.6 58.0
148 55.2 53.6 80.4

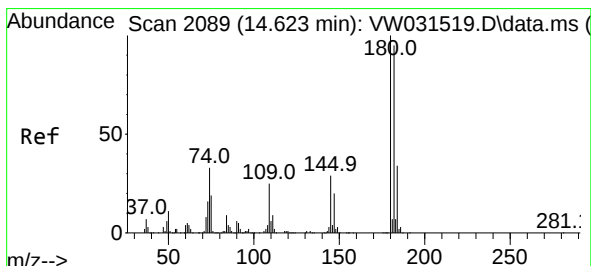
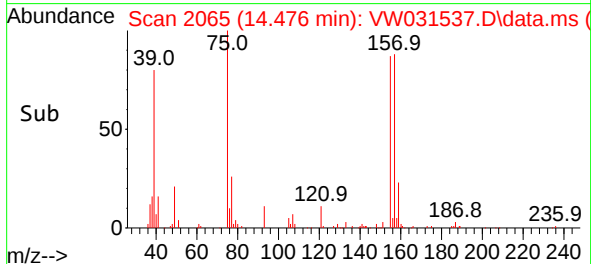
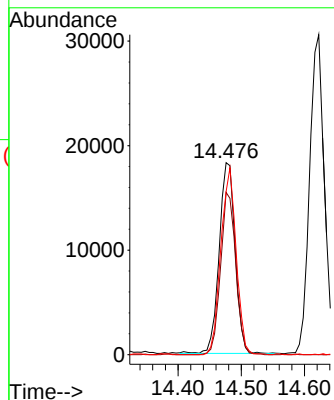
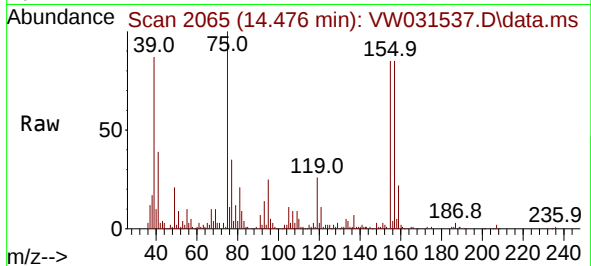




#68
 1,2-Dibromo-3-chloropropane
 Concen: 25.091 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VW031537.D
 Acq: 26 Dec 2024 18:35

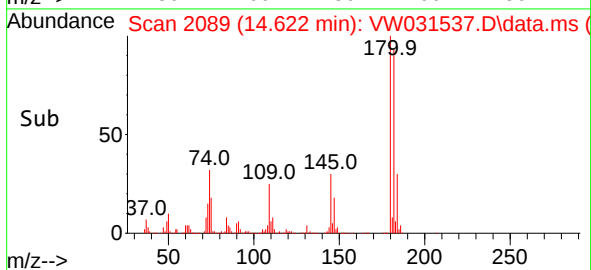
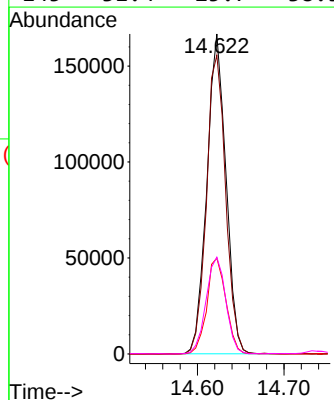
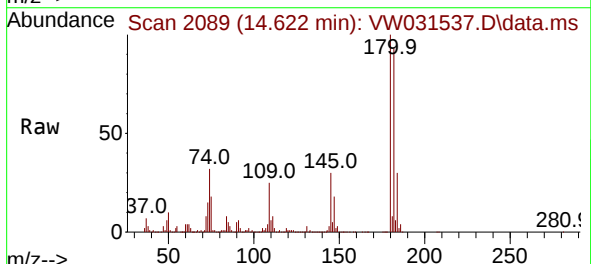
Instrument :
 MSVOA_W
 ClientSampleId :

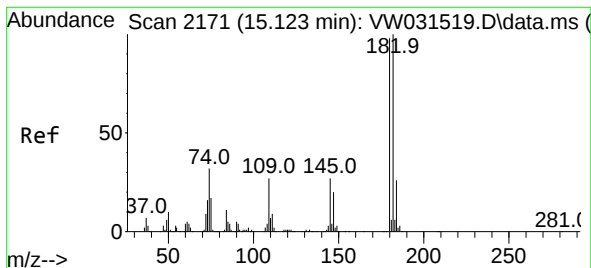
Tgt Ion: 75 Resp: 31896
 Ion Ratio Lower Upper
 75 100
 155 84.5 56.6 85.0
 157 84.9 71.2 106.8



#69
 1,3,5-Trichlorobenzene
 Concen: 18.756 ug/L
 RT: 14.622 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW031537.D
 Acq: 26 Dec 2024 18:35

Tgt Ion:180 Resp: 254959
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.0 112.4
 184 30.1 24.6 36.8
 145 31.4 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 19.501 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

Instrument :

MSVOA_W

ClientSampleId :

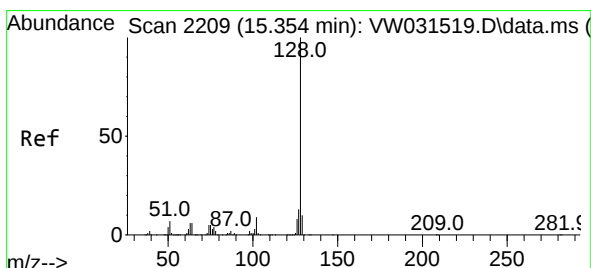
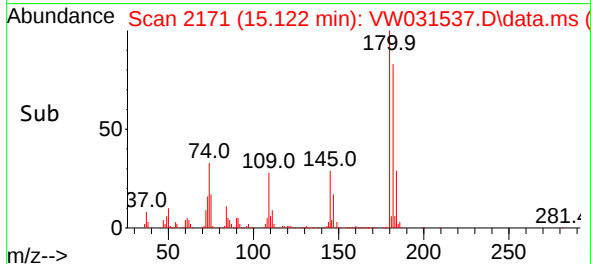
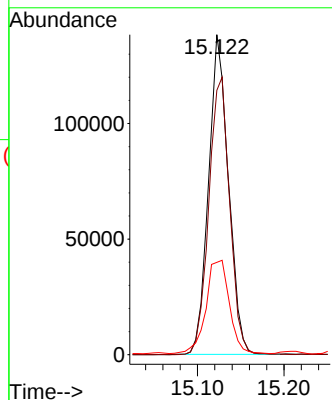
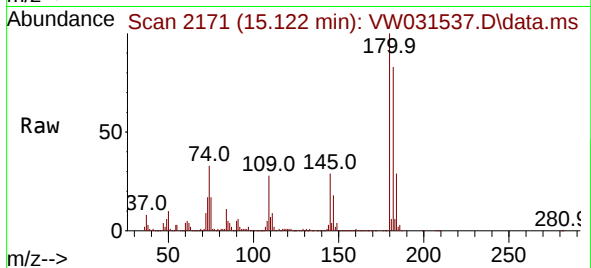
Tgt Ion:180 Resp: 220507

Ion Ratio Lower Upper

180 100

182 91.2 78.2 117.2

145 34.4 26.7 40.1



#71

Naphthalene

Concen: 28.153 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031537.D

Acq: 26 Dec 2024 18:35

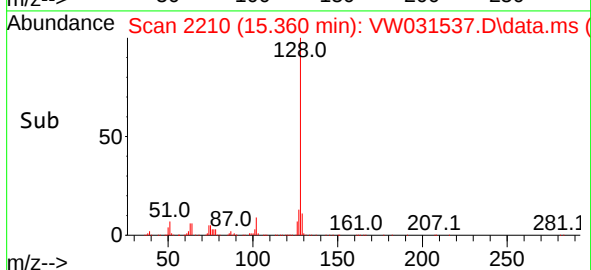
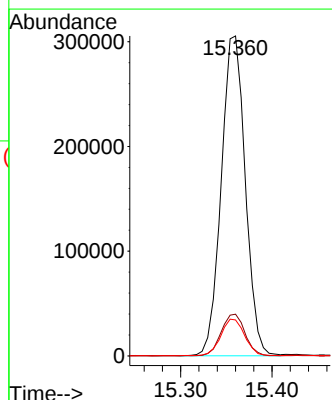
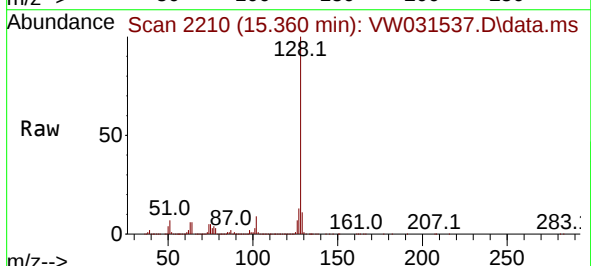
Tgt Ion:128 Resp: 558119

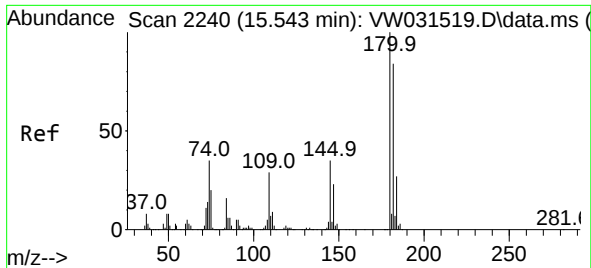
Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

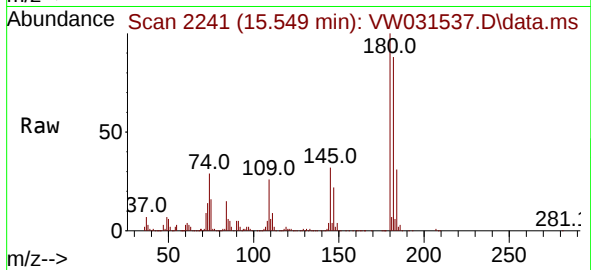
129 11.5 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 20.084 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW031537.D
 Acq: 26 Dec 2024 18:35

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 182979
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.0 112.4
 145 37.4 27.8 41.6

