

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031603.D
 Acq On : 27 Jan 2025 19:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:28:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	629080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	572459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	266377	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	108903	11.032	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	44.120%
7) Chloroethane-d5	2.893	69	91119	12.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.720%
11) 1,1-Dichloroethene-d2	4.015	65	56678	12.905	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.600%
21) 2-Butanone-d5	7.087	46	68129	42.934	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.860%
24) Chloroform-d	7.642	84	283978	17.443	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	69.760%
26) 1,2-Dichloroethane-d4	8.301	65	147398	18.394	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.560%
32) Benzene-d6	8.270	84	552025	15.352	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.400%
36) 1,2-Dichloropropane-d6	9.270	67	170099	16.021	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	64.080%#
41) Toluene-d8	10.318	98	500006	15.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	61.600%
43) trans-1,3-Dichloroprop...	10.575	79	72229	16.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.280%
47) 2-Hexanone-d5	10.922	63	47649	43.979	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	129410	19.932	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.720%
66) 1,2-Dichlorobenzene-d4	13.848	152	160483	17.177	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	68.720%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	143828	17.578	ug/L	97
3) Chloromethane	2.216	50	144581	17.049	ug/L	98
5) Vinyl chloride	2.375	62	186093	17.203	ug/L	98
6) Bromomethane	2.789	94	112952	17.865	ug/L	99
8) Chloroethane	2.930	64	115174	18.113	ug/L	97
9) Trichlorofluoromethane	3.265	101	180975	16.840	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	173669	21.106	ug/L	95
12) 1,1-Dichloroethene	4.039	96	169056	20.196	ug/L	91
14) Carbon disulfide	4.387	76	492204	17.456	ug/L	99
15) Methyl Acetate	4.679	43	82048	25.644	ug/L #	74
16) Methylene chloride	4.917	84	182631	21.317	ug/L	93
17) trans-1,2-Dichloroethene	5.423	96	188683	20.986	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	343416	23.820	ug/L	100
19) 1,1-Dichloroethane	6.209	63	369656	21.853	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	214765	22.372	ug/L	98
22) 2-Butanone	7.179	43	102295	49.044	ug/L	99
23) Bromochloromethane	7.514	128	88572	23.560	ug/L	94
25) Chloroform	7.673	83	365994	22.748	ug/L	95
27) 1,2-Dichloroethane	8.398	62	239410	24.159	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031603.D
 Acq On : 27 Jan 2025 19:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:28:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

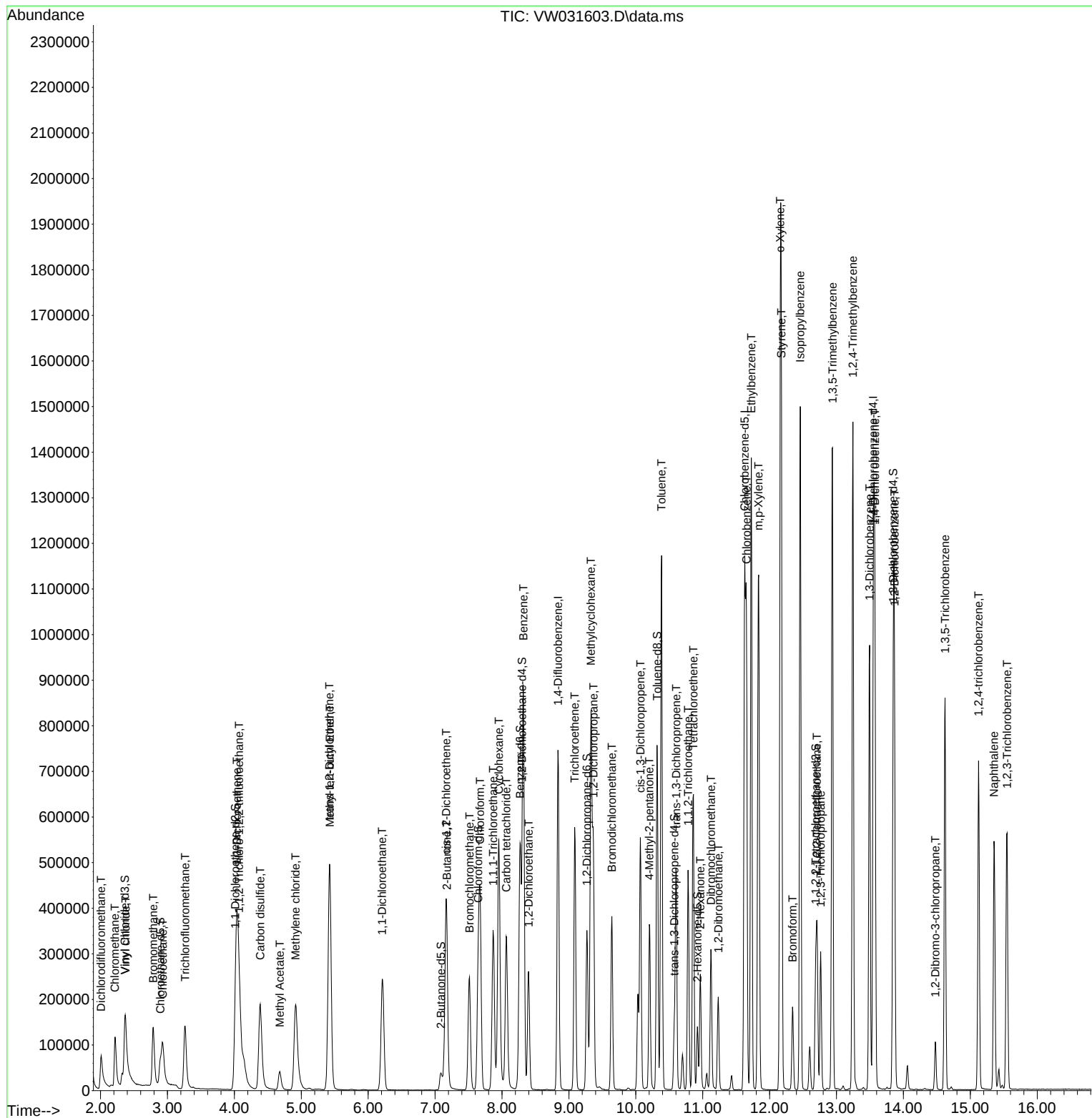
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	332979	18.148	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	286778	19.298	ug/L	99
31) Carbon tetrachloride	8.063	117	258340	19.607	ug/L	99
33) Benzene	8.319	78	808713	20.641	ug/L	100
34) Trichloroethene	9.087	95	210991	20.030	ug/L	99
35) Methylcyclohexane	9.331	83	344335	18.233	ug/L	100
37) 1,2-Dichloropropane	9.367	63	211988	21.528	ug/L	100
38) Bromodichloromethane	9.642	83	256063	21.497	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	332147	21.442	ug/L	98
40) 4-Methyl-2-pentanone	10.203	43	244442	49.731	ug/L	100
42) Toluene	10.386	91	853421	20.838	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	276019	22.292	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	149007	23.607	ug/L	98
46) Tetrachloroethene	10.861	164	141634	18.737	ug/L	94
48) 2-Hexanone	10.965	43	160408	53.404	ug/L	99
49) Dibromochloromethane	11.123	129	164595	23.700	ug/L	98
50) 1,2-Dibromoethane	11.233	107	141772	24.235	ug/L	97
51) Chlorobenzene	11.654	112	542388	21.447	ug/L	97
52) Ethylbenzene	11.727	91	966659	20.571	ug/L	98
53) m,p-Xylene	11.836	106	369140	20.602	ug/L	97
54) o-Xylene	12.160	106	346514	20.810	ug/L	98
55) Styrene	12.178	104	604991	21.835	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	171016	24.658	ug/L	91
59) Bromoform	12.342	173	81695	23.016	ug/L	97
60) Isopropylbenzene	12.458	105	950716	20.431	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	127954	25.579	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	799197	20.858	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	783429	21.007	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	386614	20.947	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	390785	21.408	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	347564	22.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	28029	25.063	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	254336	20.335	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	212663	21.347	ug/L	98
71) Naphthalene	15.354	128	468394	25.074	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	189933	22.637	ug/L	99

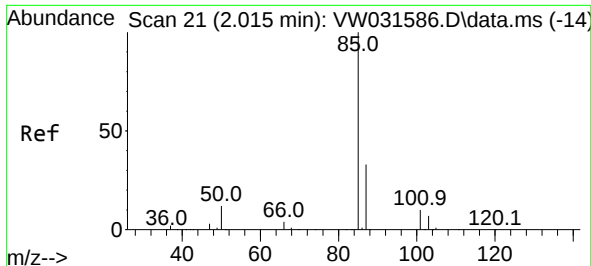
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012725\
 Data File : VW031603.D
 Acq On : 27 Jan 2025 19:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 28 00:28:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

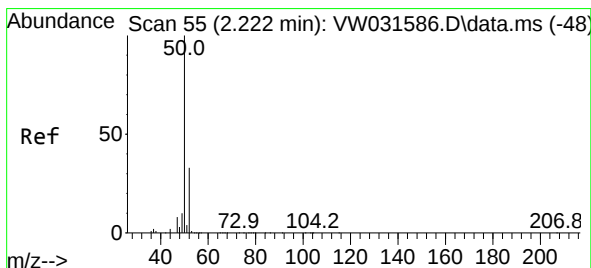
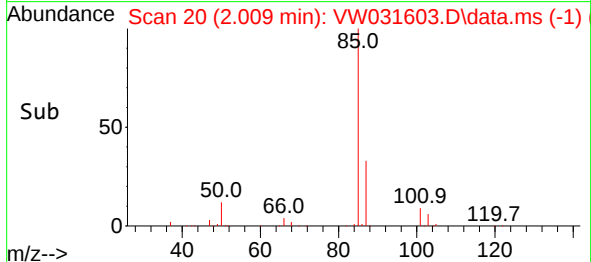
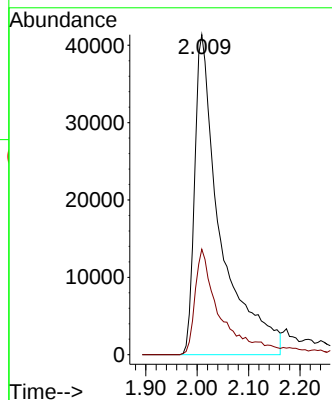
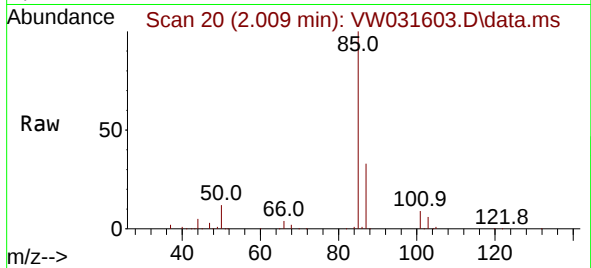




#2
Dichlorodifluoromethane
Concen: 17.578 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

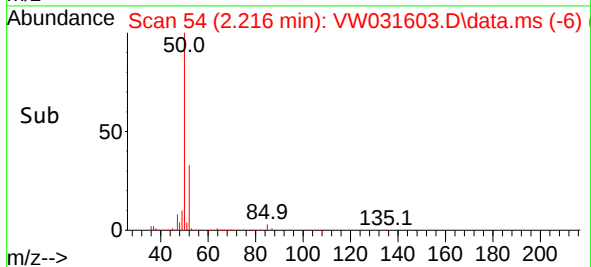
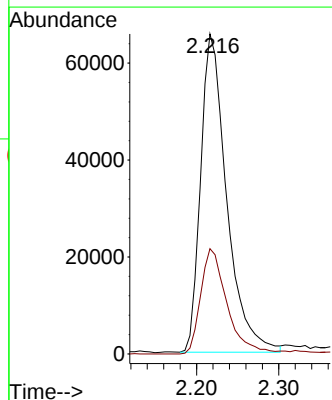
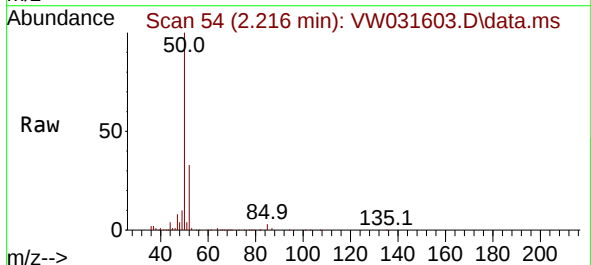
Instrument :
MSVOA_W
ClientSampleId :

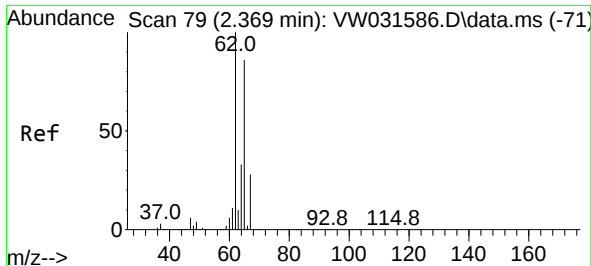
Tgt Ion: 85 Resp: 143828
Ion Ratio Lower Upper
85 100
87 29.3 25.0 37.4



#3
Chloromethane
Concen: 17.049 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 50 Resp: 144581
Ion Ratio Lower Upper
50 100
52 32.9 22.3 41.3

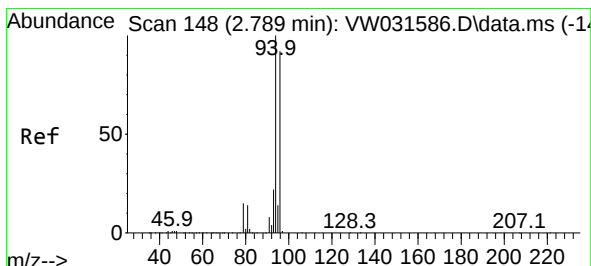
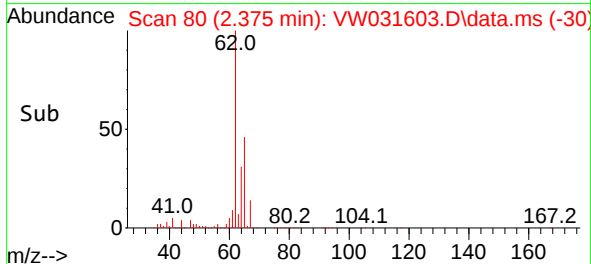
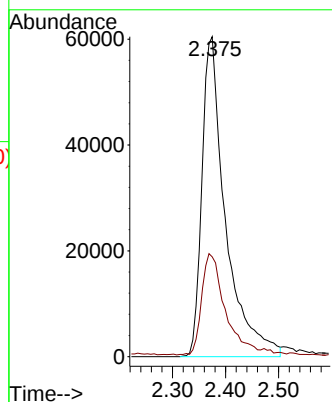
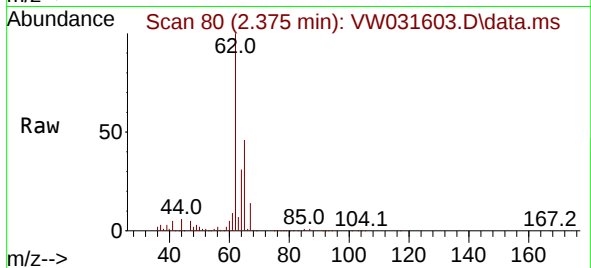




#5
 Vinyl chloride
 Concen: 17.203 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW031603.D
 Acq: 27 Jan 2025 19:18

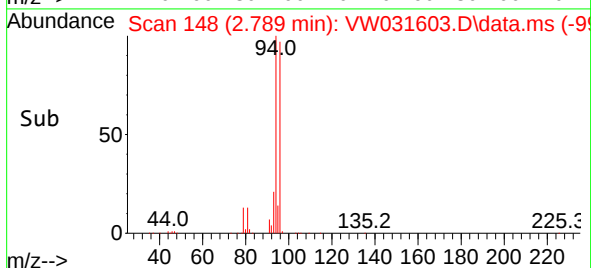
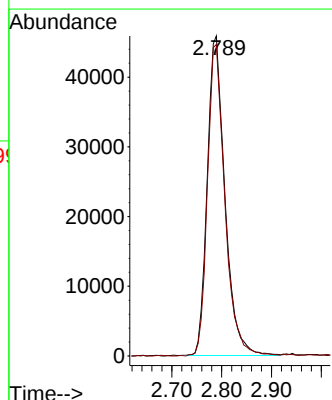
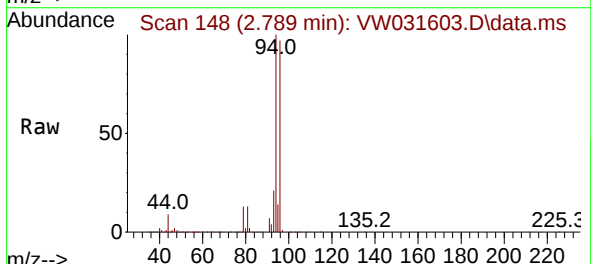
Instrument :
 MSVOA_W
 ClientSampleId :

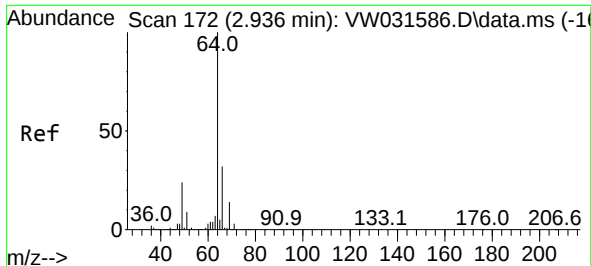
Tgt Ion: 62 Resp: 186093
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.7 42.3



#6
 Bromomethane
 Concen: 17.865 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW031603.D
 Acq: 27 Jan 2025 19:18

Tgt Ion: 94 Resp: 112952
 Ion Ratio Lower Upper
 94 100
 96 97.4 67.6 125.6

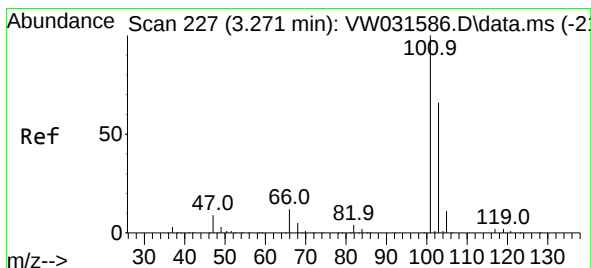
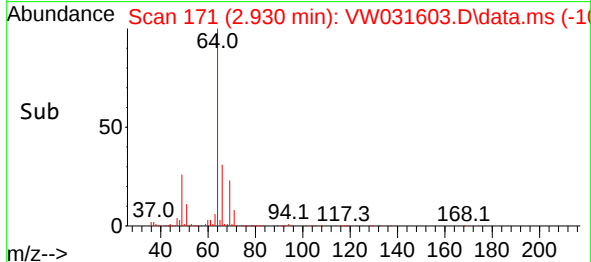
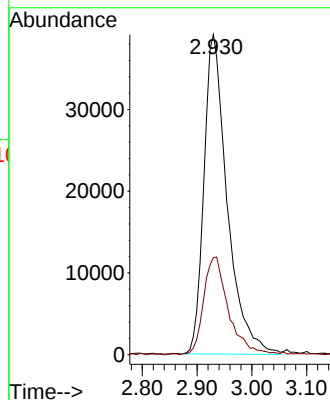
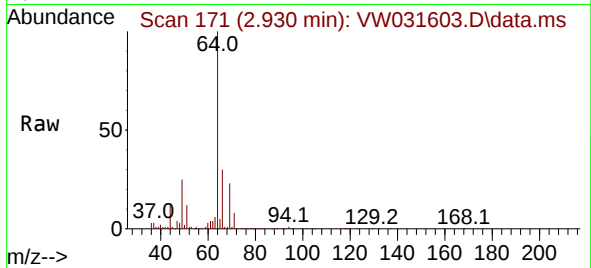




#8
Chloroethane
Concen: 18.113 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

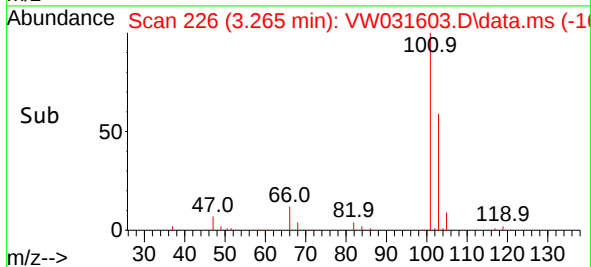
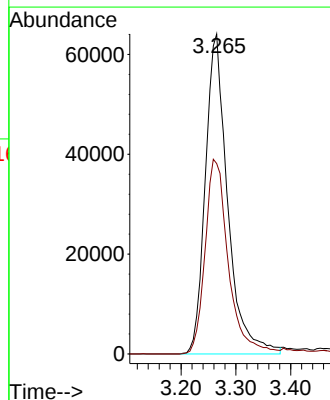
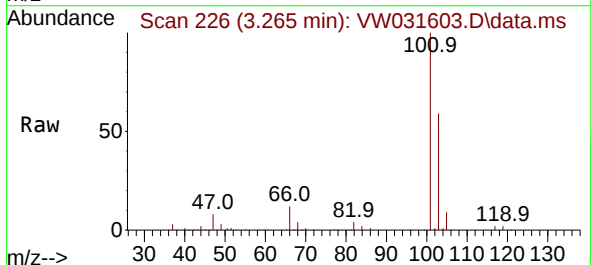
Instrument :
MSVOA_W
ClientSampleId :

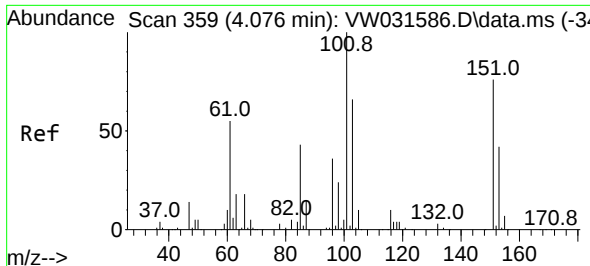
Tgt Ion: 64 Resp: 115174
Ion Ratio Lower Upper
64 100
66 30.3 22.3 41.3



#9
Trichlorofluoromethane
Concen: 16.840 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion:101 Resp: 180975
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.2

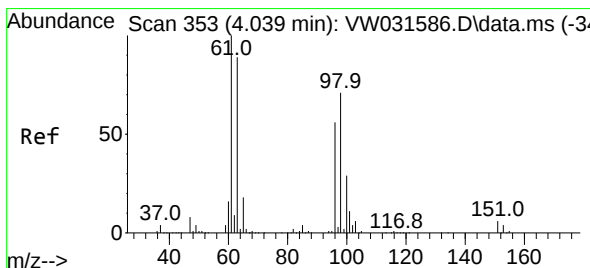
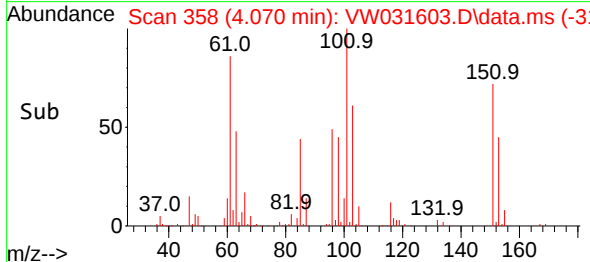
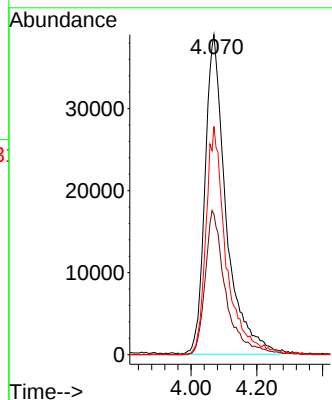
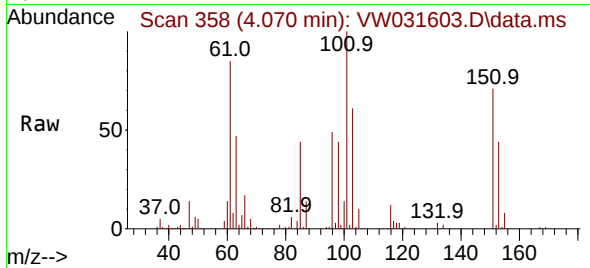




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.106 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW031603.D
 Acq: 27 Jan 2025 19:18

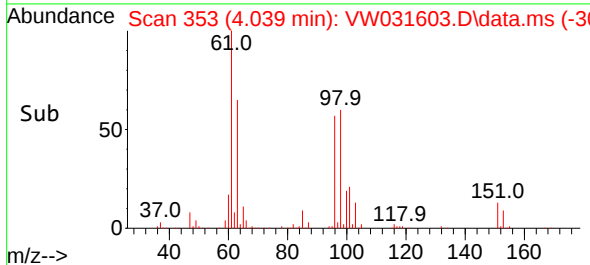
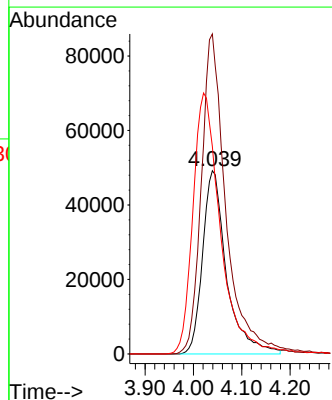
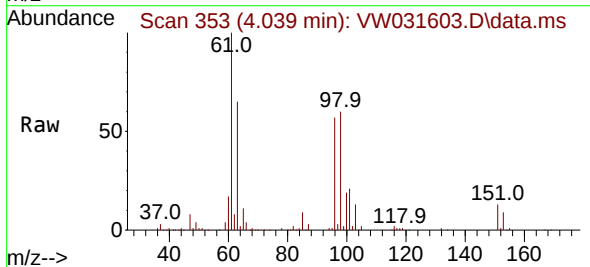
Instrument :
 MSVOA_W
 ClientSampleId :

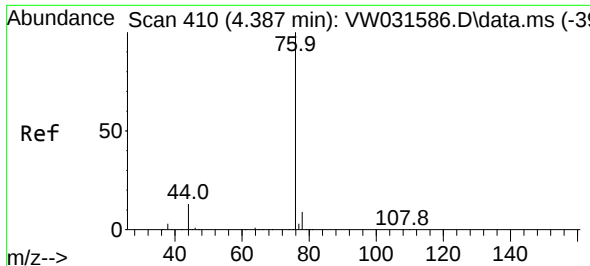
Tgt Ion:101 Resp: 173669
 Ion Ratio Lower Upper
 101 100
 85 42.1 36.1 54.1
 151 67.3 56.9 85.3



#12
 1,1-Dichloroethene
 Concen: 20.196 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. -0.000 min
 Lab File: VW031603.D
 Acq: 27 Jan 2025 19:18

Tgt Ion: 96 Resp: 169056
 Ion Ratio Lower Upper
 96 100
 61 174.6 123.8 230.0
 63 113.2 94.1 174.8

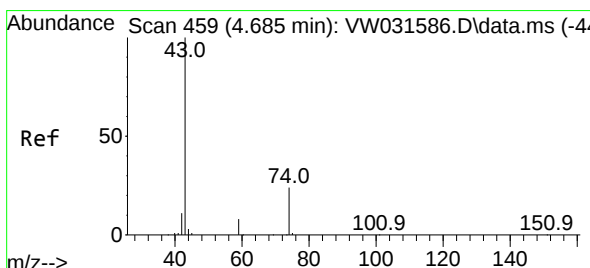
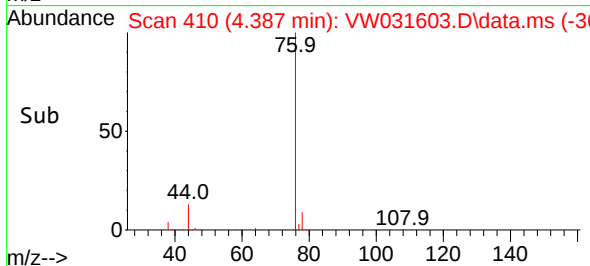
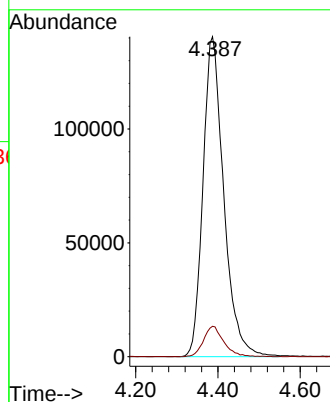
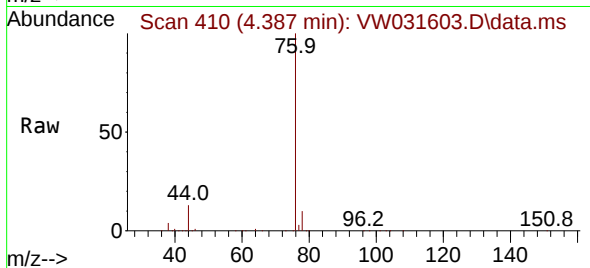




#14
Carbon disulfide
Concen: 17.456 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

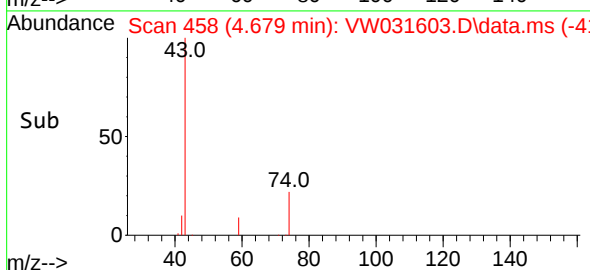
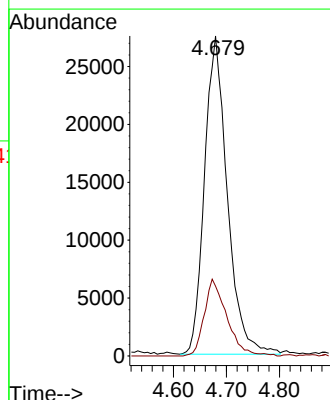
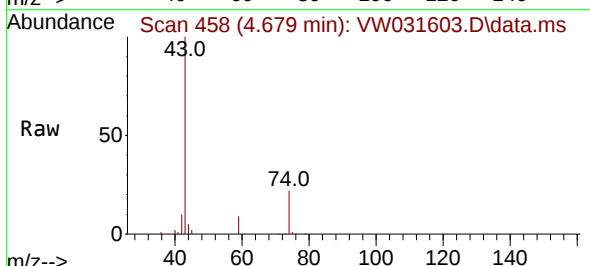
Instrument :
MSVOA_W
ClientSampleId :

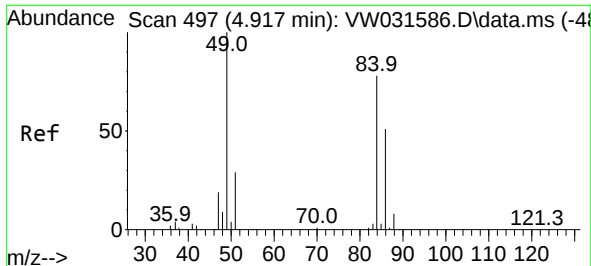
Tgt Ion: 76 Resp: 492204
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#15
Methyl Acetate
Concen: 25.644 ug/L
RT: 4.679 min Scan# 458
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 43 Resp: 82048
Ion Ratio Lower Upper
43 100
74 23.7 10.6 15.8#

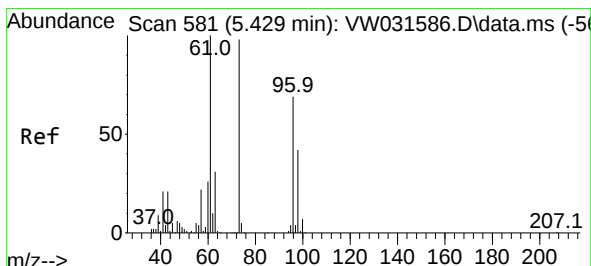
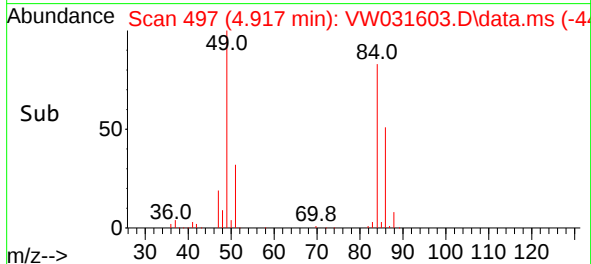
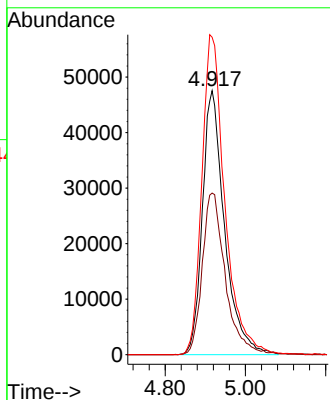
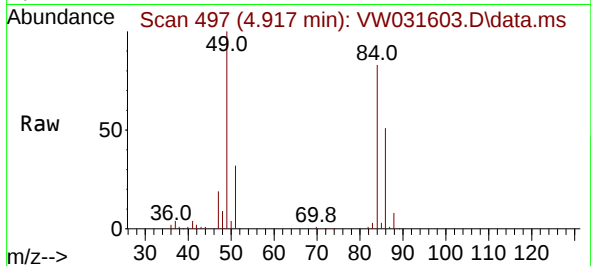




#16
Methylene chloride
Concen: 21.317 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

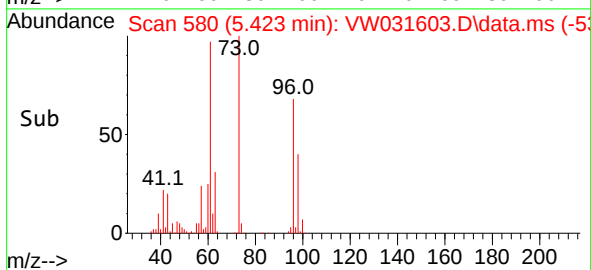
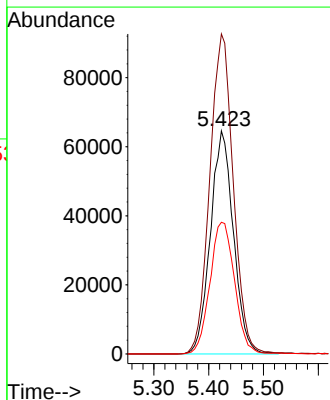
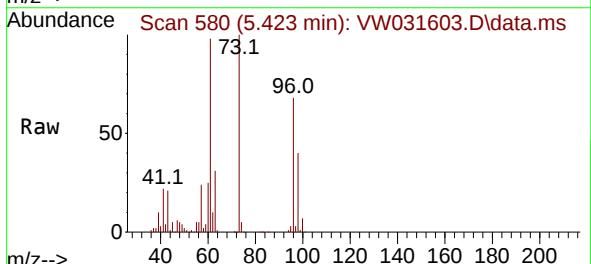
Instrument :
MSVOA_W
ClientSampleId :

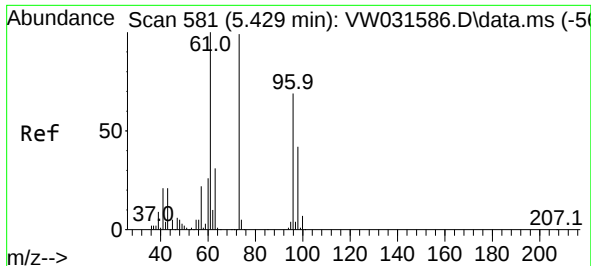
Tgt Ion: 84 Resp: 182631
Ion Ratio Lower Upper
84 100
86 61.2 47.0 87.2
49 120.2 89.8 166.8



#17
trans-1,2-Dichloroethene
Concen: 20.986 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

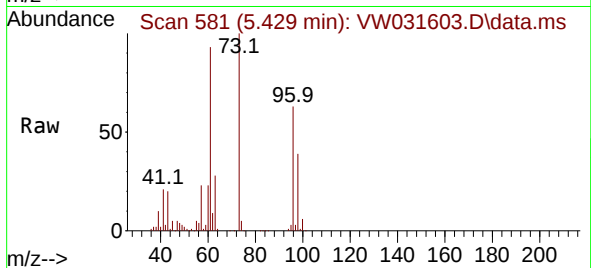
Tgt Ion: 96 Resp: 188683
Ion Ratio Lower Upper
96 100
61 143.4 105.1 195.1
98 59.0 44.9 83.3



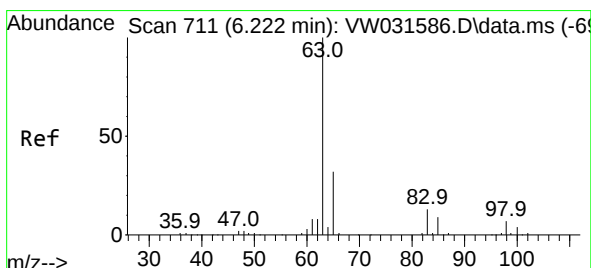
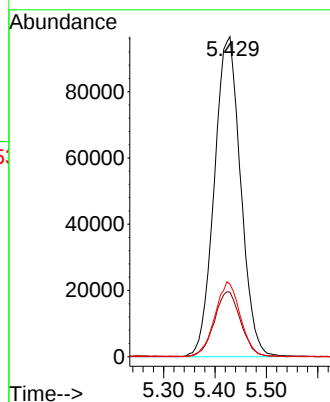
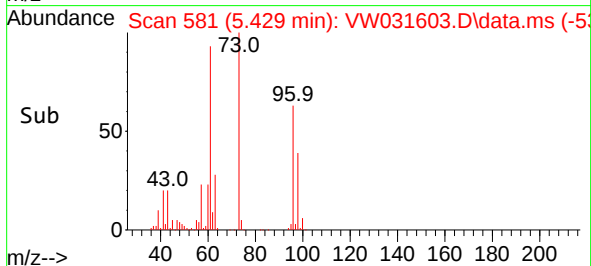


#18
Methyl tert-butyl Ether
Concen: 23.820 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Instrument :
MSVOA_W
ClientSampleId :

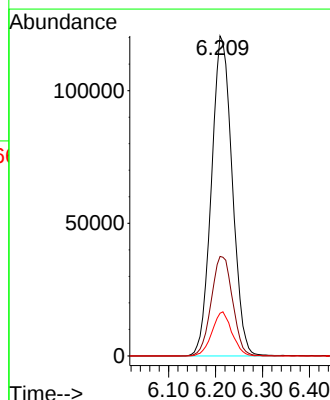
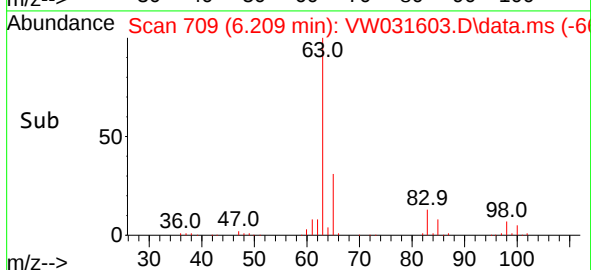
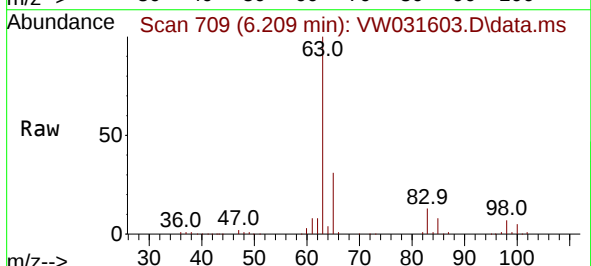


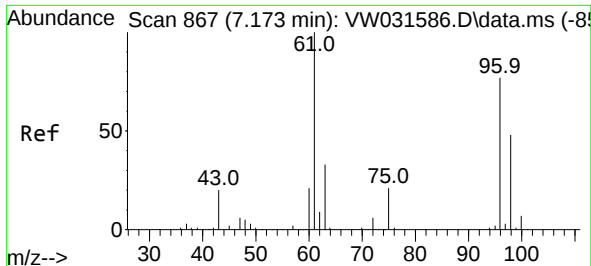
Tgt Ion: 73 Resp: 343416
Ion Ratio Lower Upper
73 100
43 20.4 16.4 24.6
57 22.7 18.2 27.2



#19
1,1-Dichloroethane
Concen: 21.853 ug/L
RT: 6.209 min Scan# 709
Delta R.T. -0.012 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

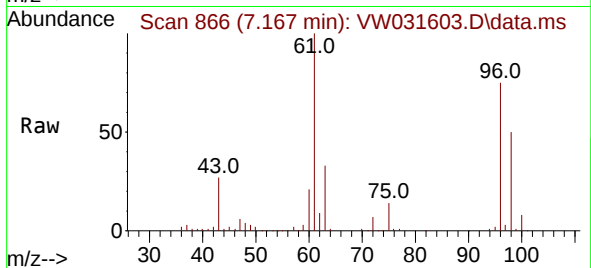
Tgt Ion: 63 Resp: 369656
Ion Ratio Lower Upper
63 100
65 31.1 22.0 41.0
83 13.4 9.0 16.6



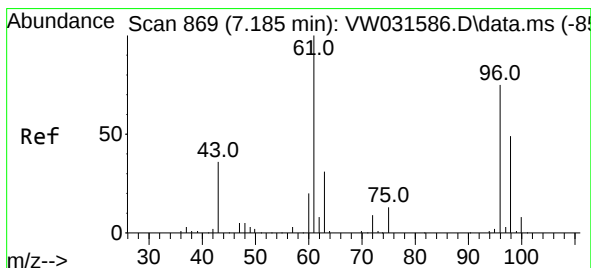
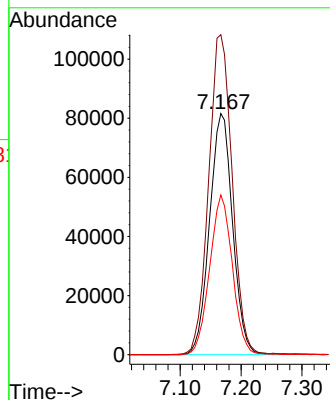
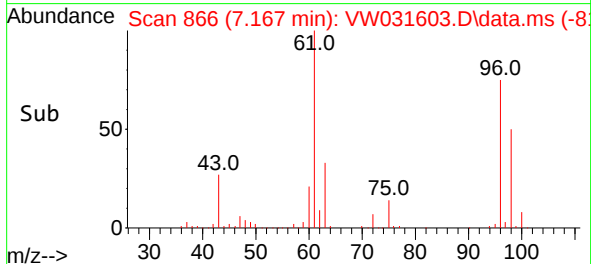


#20
 cis-1,2-Dichloroethene
 Concen: 22.372 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW031603.D
 Acq: 27 Jan 2025 19:18

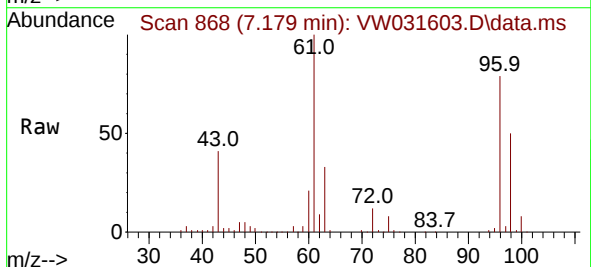
Instrument :
 MSVOA_W
 ClientSampleId :



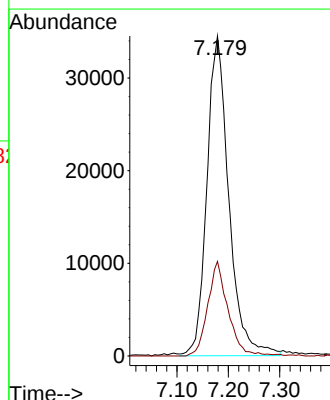
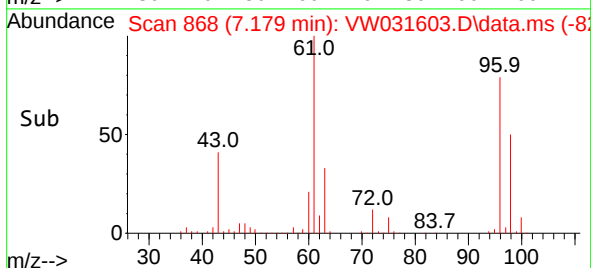
Tgt Ion: 96 Resp: 214765
 Ion Ratio Lower Upper
 96 100
 61 132.7 94.8 176.2
 98 66.2 45.6 84.8

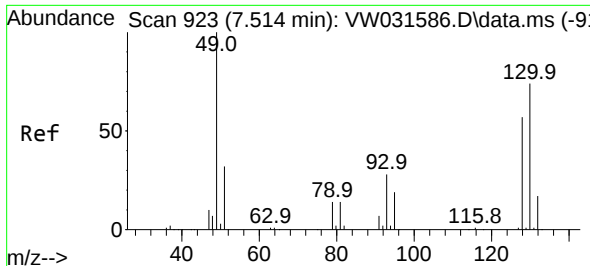


#22
 2-Butanone
 Concen: 49.044 ug/L
 RT: 7.179 min Scan# 868
 Delta R.T. -0.006 min
 Lab File: VW031603.D
 Acq: 27 Jan 2025 19:18



Tgt Ion: 43 Resp: 102295
 Ion Ratio Lower Upper
 43 100
 72 26.8 13.2 39.5

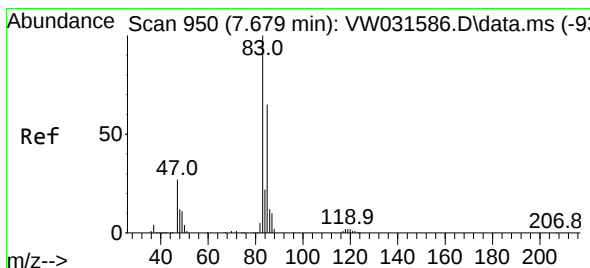
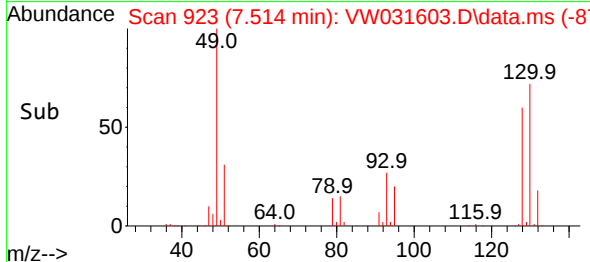
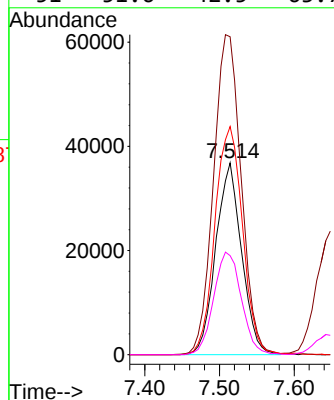
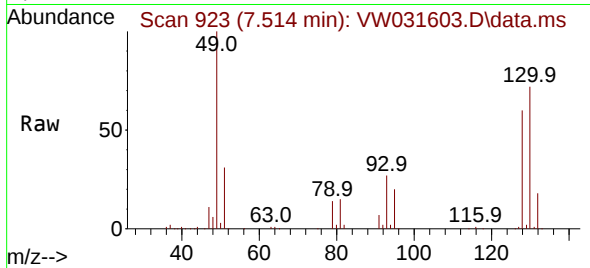




#23
Bromochloromethane
Concen: 23.560 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

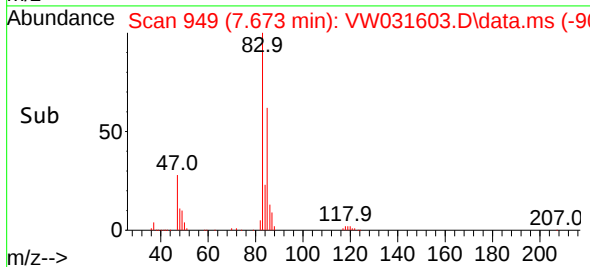
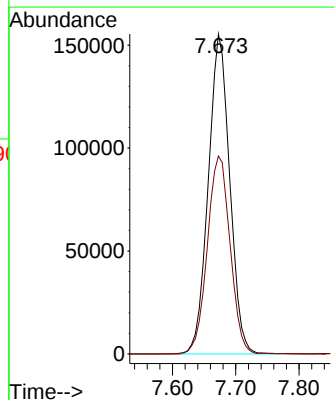
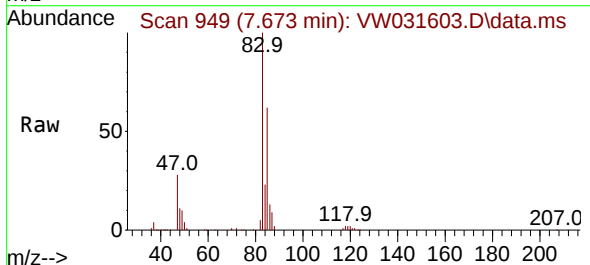
Instrument :
MSVOA_W
ClientSampleId :

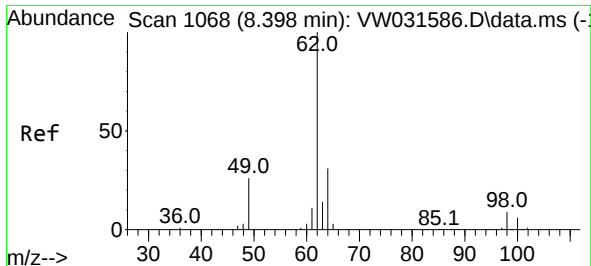
Tgt Ion:128 Resp: 88572
Ion Ratio Lower Upper
128 100
49 165.7 123.9 230.1
130 118.9 88.1 163.7
51 51.6 42.5 63.7



#25
Chloroform
Concen: 22.748 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 83 Resp: 365994
Ion Ratio Lower Upper
83 100
85 61.8 46.2 85.8





#27

1,2-Dichloroethane

Concen: 24.159 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

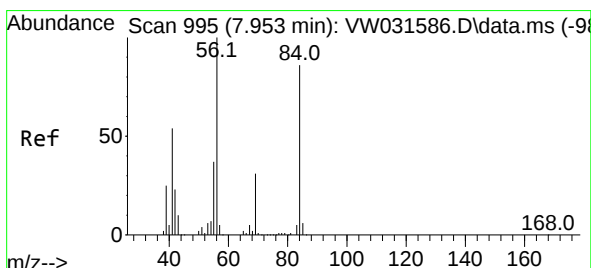
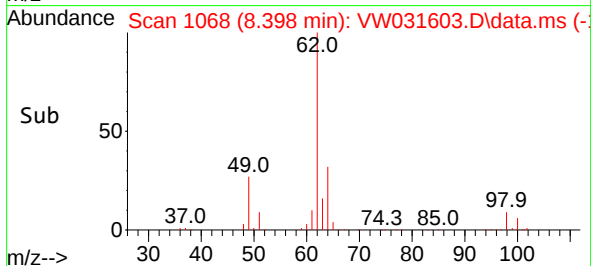
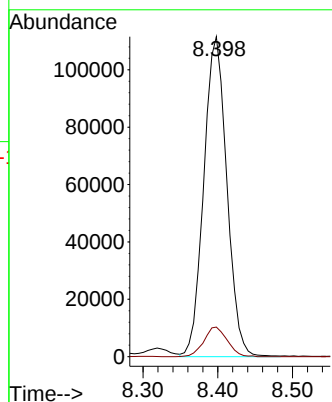
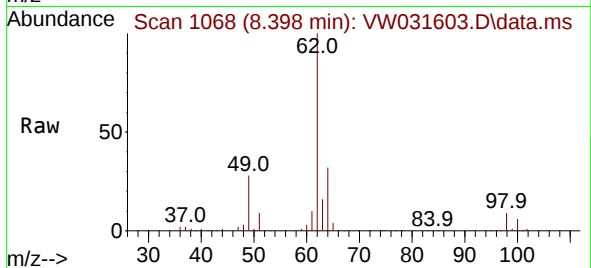
ClientSampleId :

Tgt Ion: 62 Resp: 239410

Ion Ratio Lower Upper

62 100

98 9.2 7.3 10.9



#29

Cyclohexane

Concen: 18.148 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

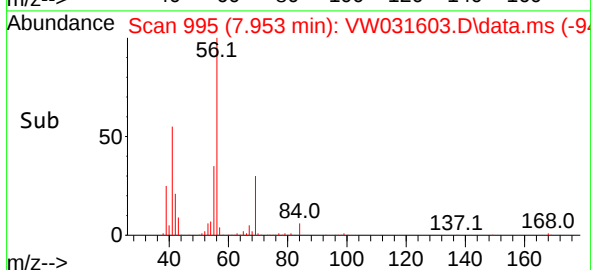
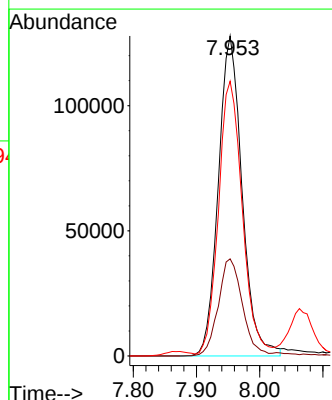
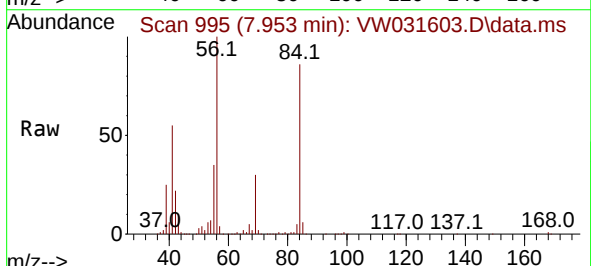
Tgt Ion: 56 Resp: 332979

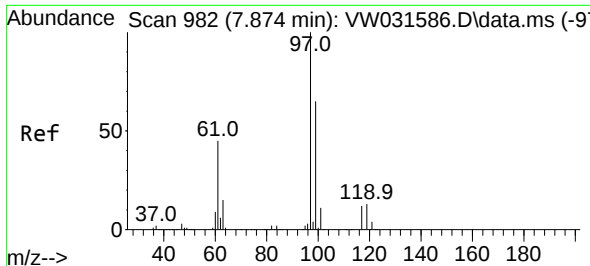
Ion Ratio Lower Upper

56 100

69 30.8 25.2 37.8

84 86.1 66.3 99.5

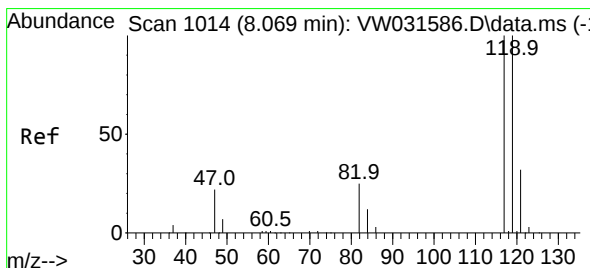
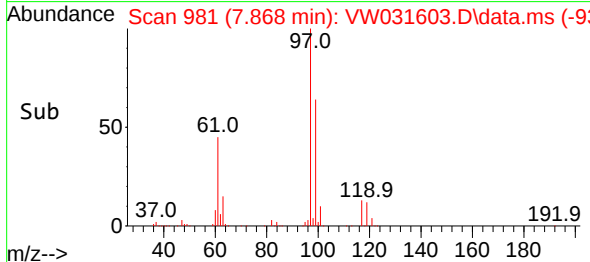
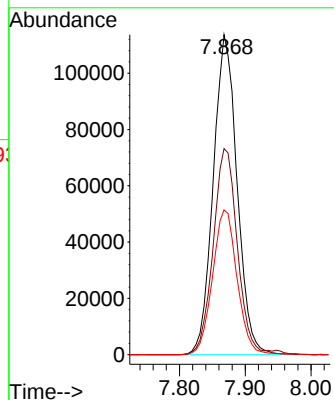
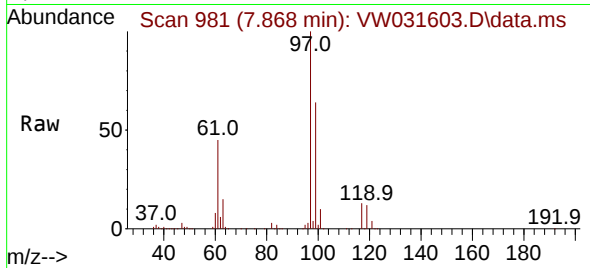




#30
1,1,1-Trichloroethane
Concen: 19.298 ug/L
RT: 7.868 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

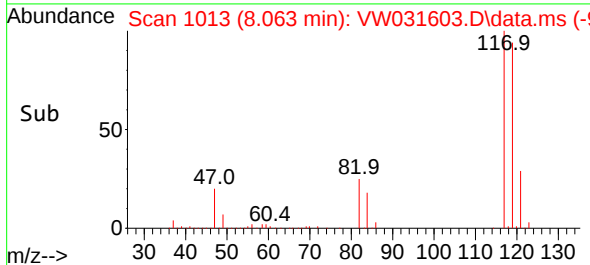
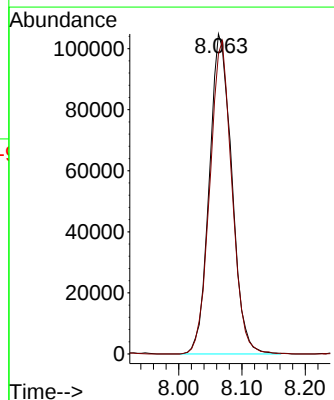
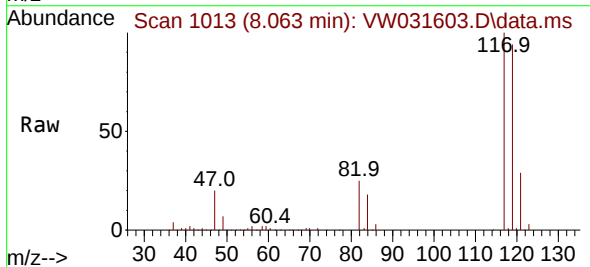
Instrument :
MSVOA_W
ClientSampleId :

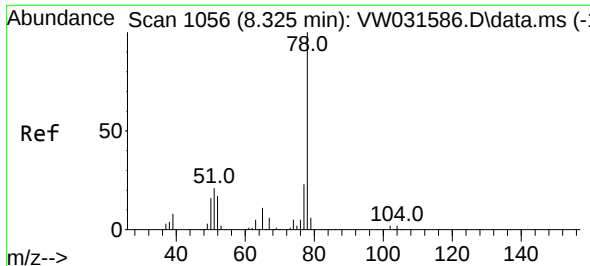
Tgt Ion: 97 Resp: 286778
Ion Ratio Lower Upper
97 100
99 65.0 52.2 78.4
61 46.6 36.9 55.3



#31
Carbon tetrachloride
Concen: 19.607 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 117 Resp: 258340
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0

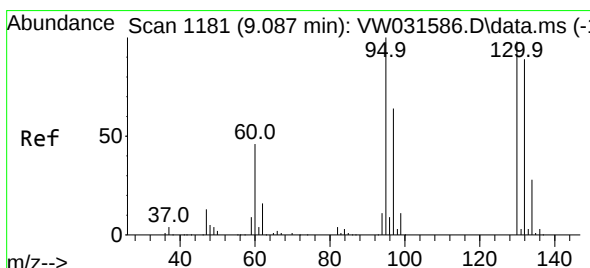
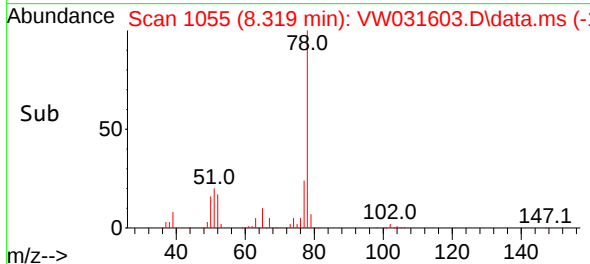
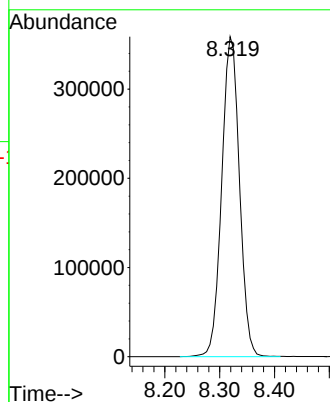
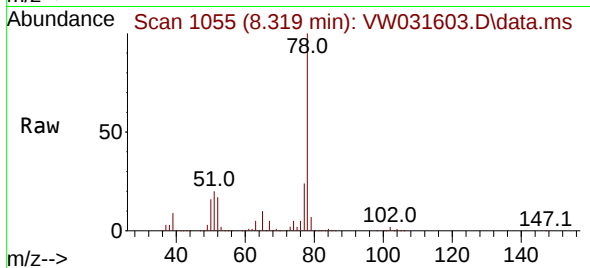




#33
Benzene
Concen: 20.641 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Instrument :
MSVOA_W
ClientSampleId :

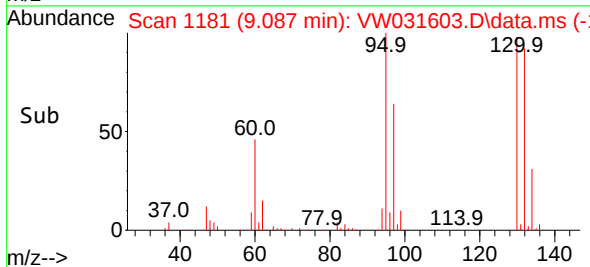
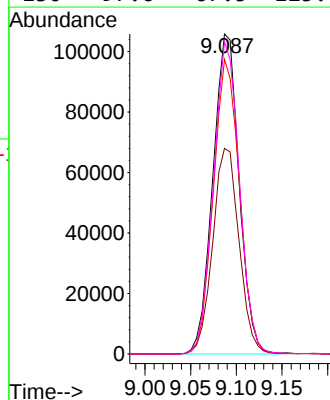
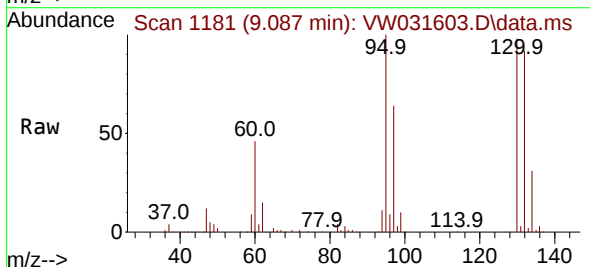
Tgt Ion: 78 Resp: 808713

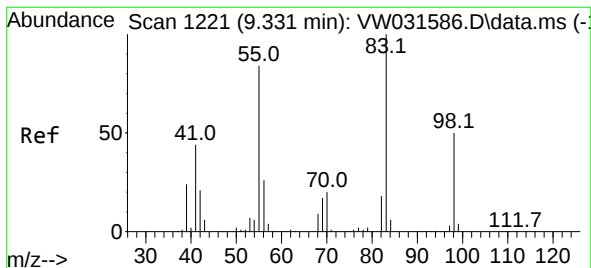


#34
Trichloroethene
Concen: 20.030 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 95 Resp: 210991

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.0	81.6
132	92.0	64.6	120.0
130	97.6	67.5	125.4





#35

Methylcyclohexane

Concen: 18.233 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

ClientSampleId :

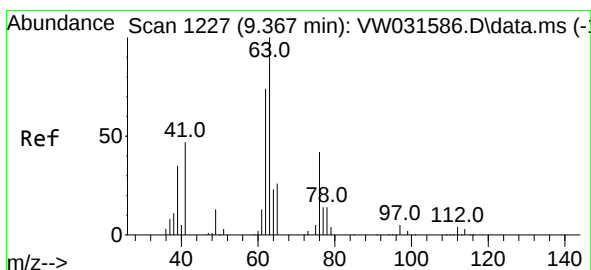
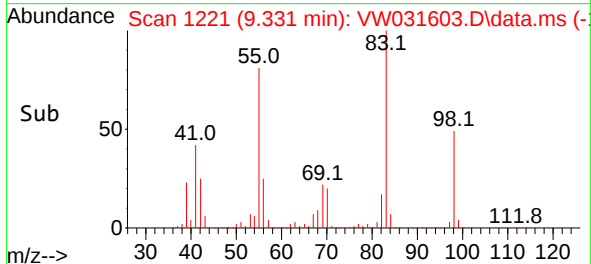
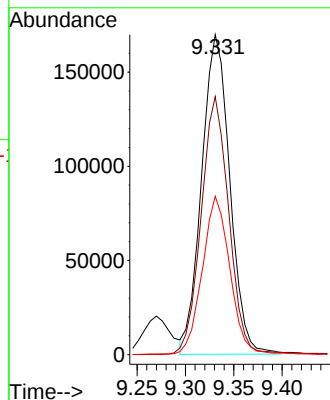
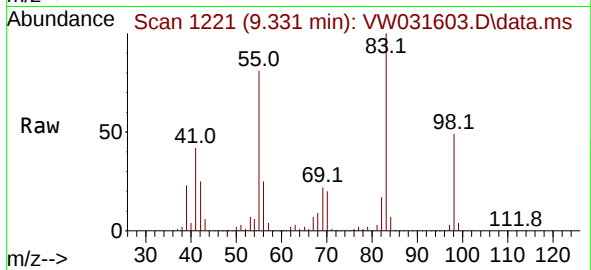
Tgt Ion: 83 Resp: 344335

Ion Ratio Lower Upper

83 100

55 79.0 63.4 95.2

98 48.9 38.8 58.2



#37

1,2-Dichloropropane

Concen: 21.528 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW031603.D

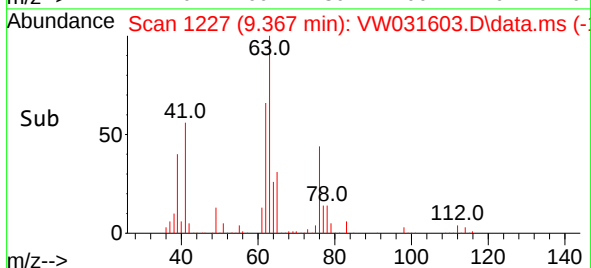
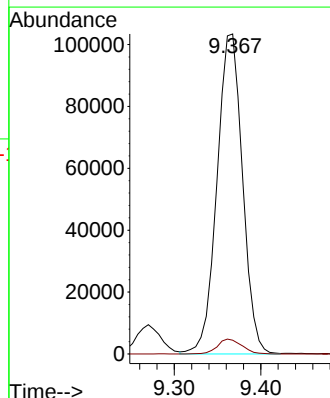
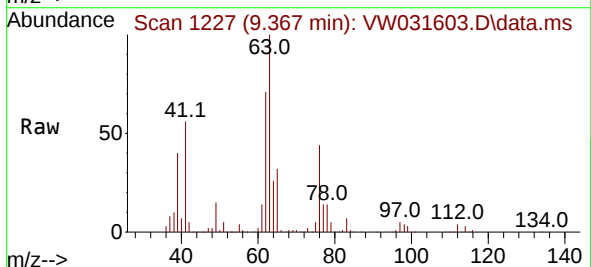
Acq: 27 Jan 2025 19:18

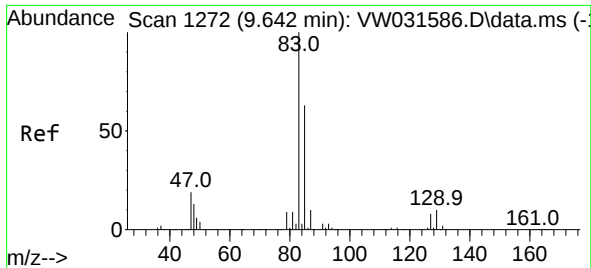
Tgt Ion: 63 Resp: 211988

Ion Ratio Lower Upper

63 100

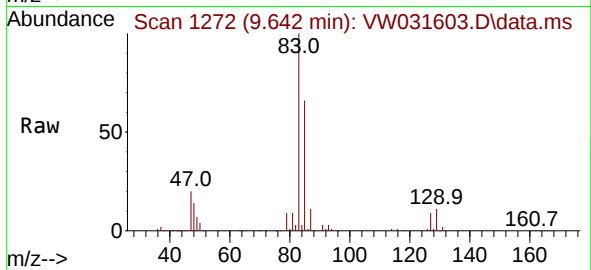
112 4.5 3.6 5.4



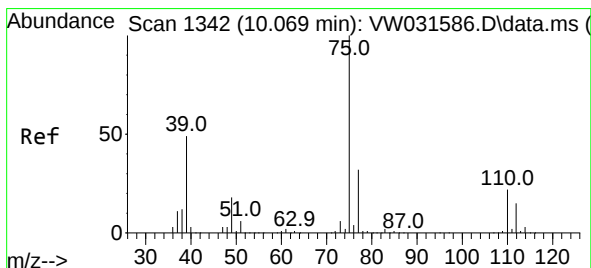
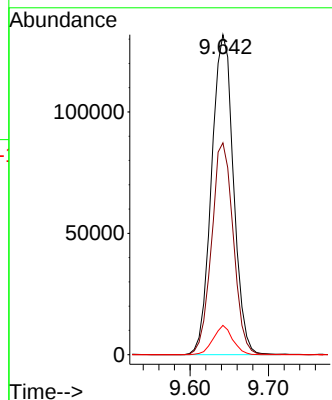
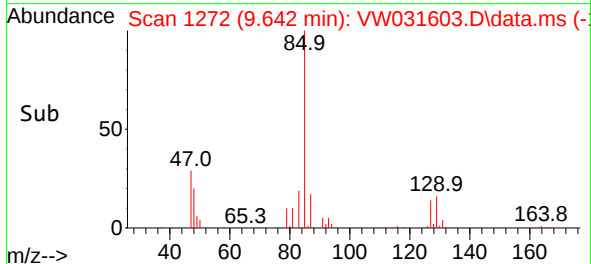


#38
Bromodichloromethane
Concen: 21.497 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Instrument :
MSVOA_W
ClientSampleId :

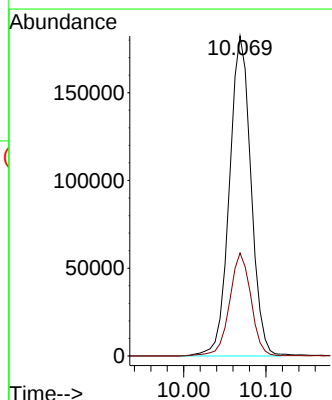
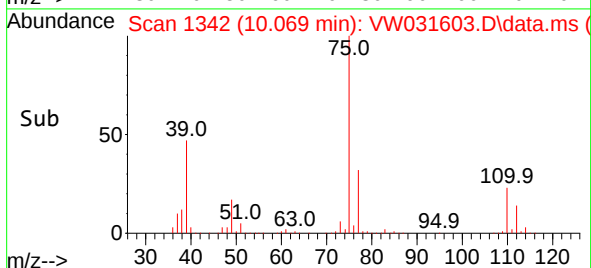
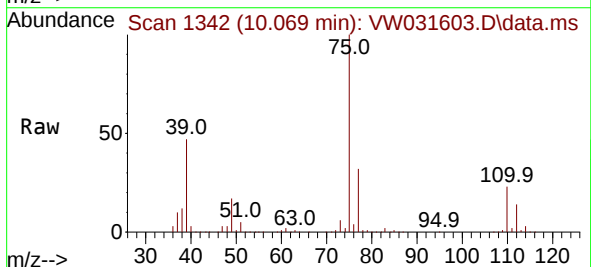


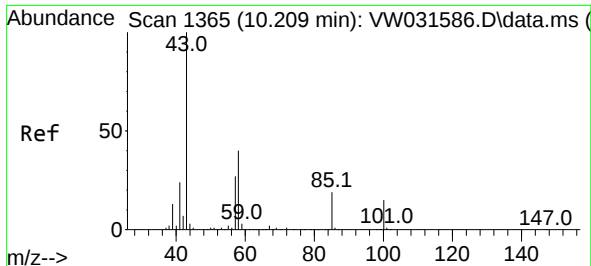
Tgt Ion: 83 Resp: 256063
Ion Ratio Lower Upper
83 100
85 66.2 43.8 81.3
127 9.1 6.2 9.4



#39
cis-1,3-Dichloropropene
Concen: 21.442 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 75 Resp: 332147
Ion Ratio Lower Upper
75 100
77 32.1 21.6 40.2

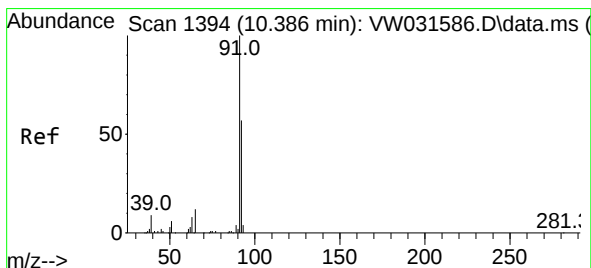
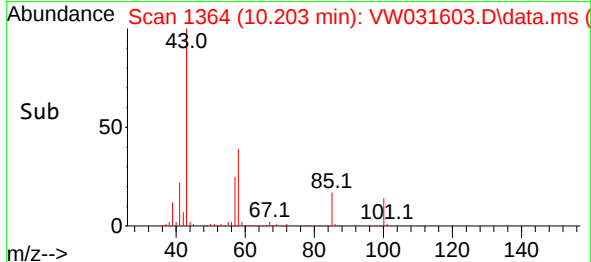
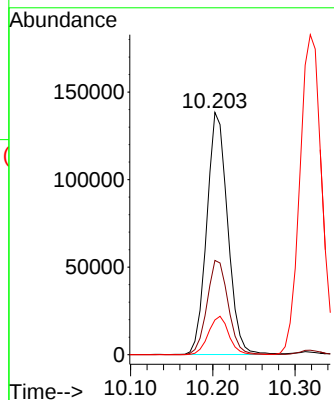
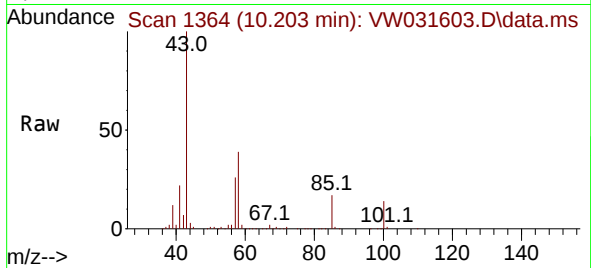




#40
4-Methyl-2-pentanone
Concen: 49.731 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. -0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

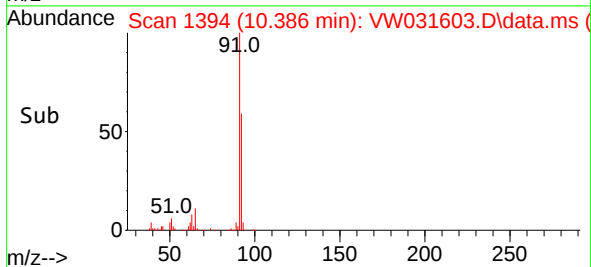
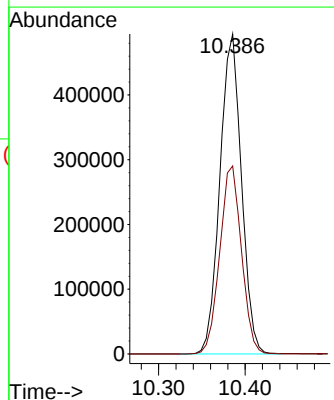
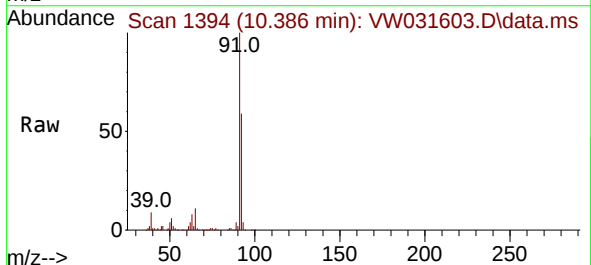
Instrument :
MSVOA_W
ClientSampleId :

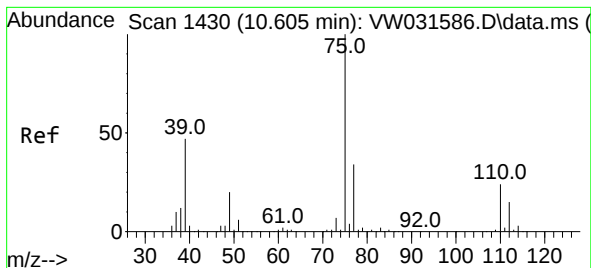
Tgt Ion: 43 Resp: 244442
Ion Ratio Lower Upper
43 100
58 39.5 31.4 47.2
100 15.5 12.3 18.5



#42
Toluene
Concen: 20.838 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 91 Resp: 853421
Ion Ratio Lower Upper
91 100
92 58.8 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 22.292 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

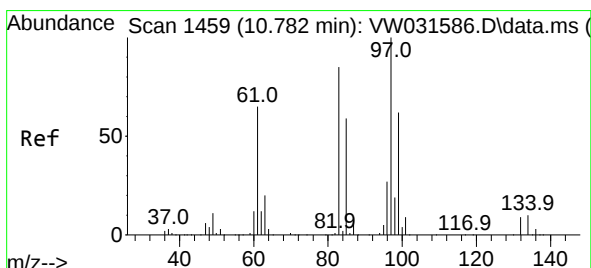
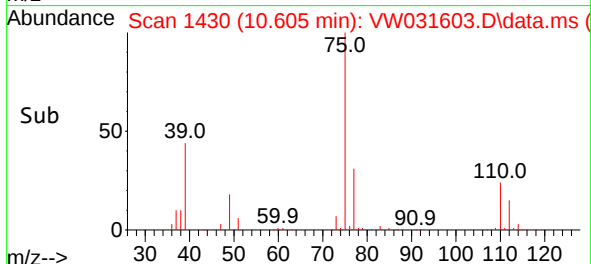
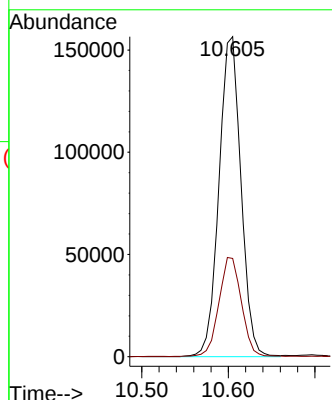
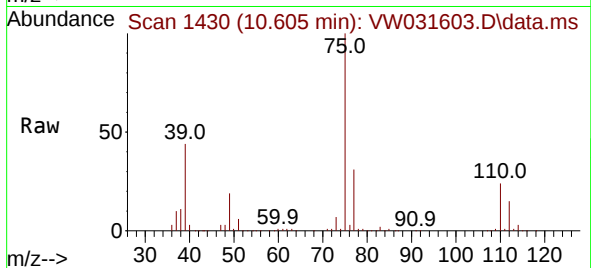
ClientSampleId :

Tgt Ion: 75 Resp: 276019

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.9



#45

1,1,2-Trichloroethane

Concen: 23.607 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Tgt Ion: 97 Resp: 149007

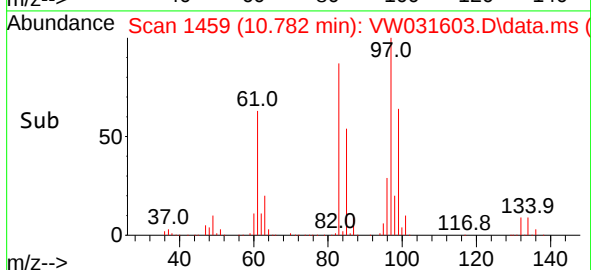
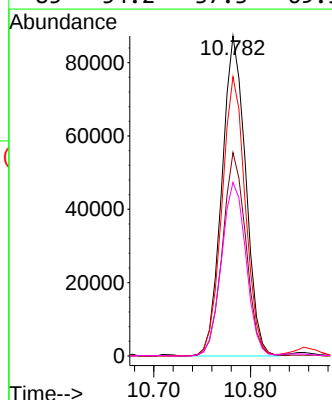
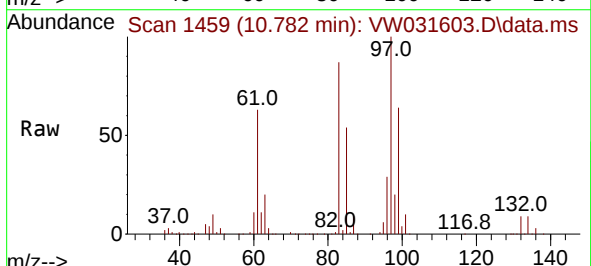
Ion Ratio Lower Upper

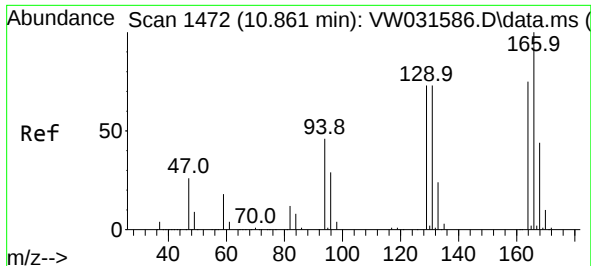
97 100

99 63.6 42.6 79.2

83 87.3 59.6 110.8

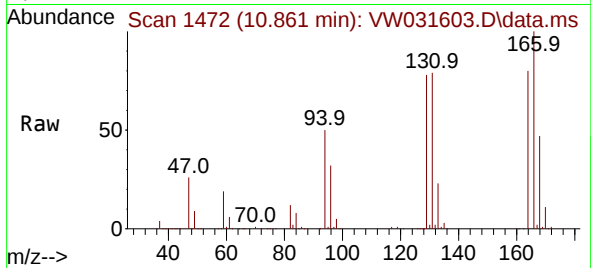
85 54.2 37.3 69.3



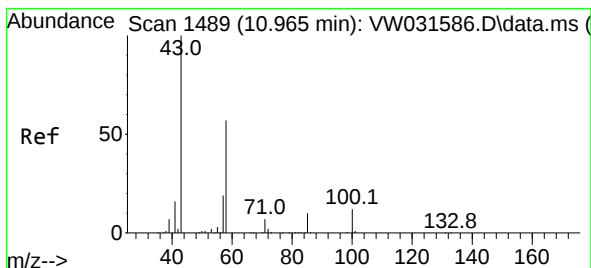
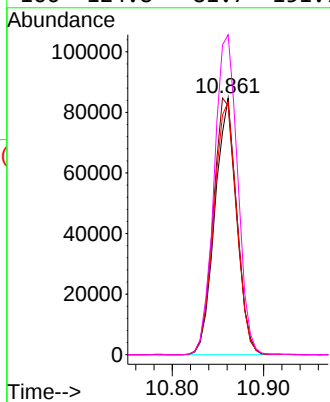
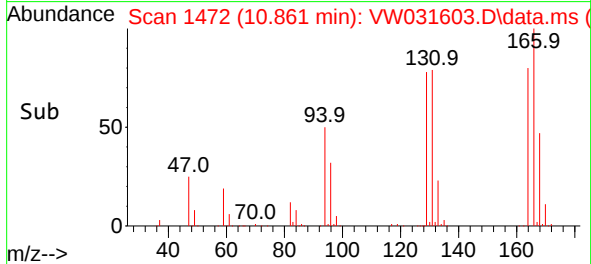


#46
Tetrachloroethene
Concen: 18.737 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

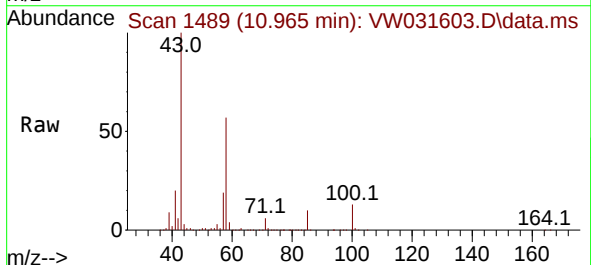
Instrument :
MSVOA_W
ClientSampleId :



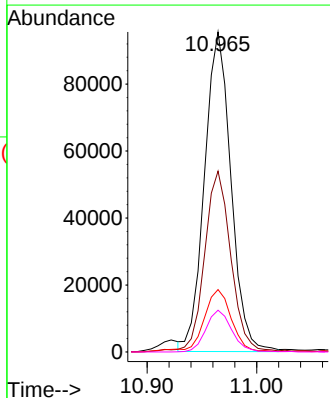
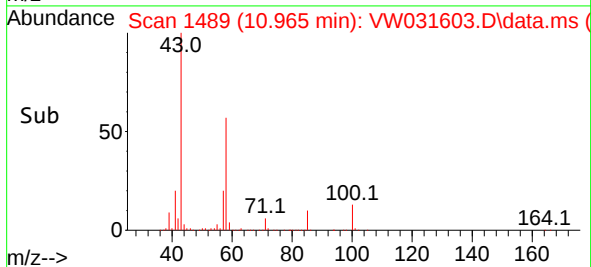
Tgt Ion:164 Resp: 141634
Ion Ratio Lower Upper
164 100
129 97.1 69.8 129.6
131 98.5 63.1 117.1
166 124.8 81.7 151.7

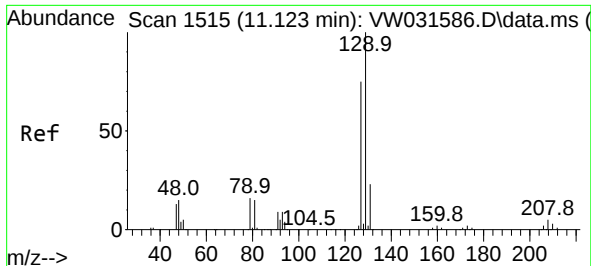


#48
2-Hexanone
Concen: 53.404 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18



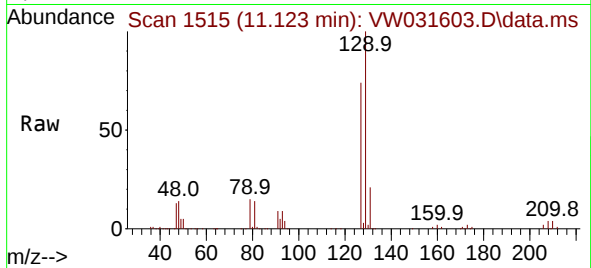
Tgt Ion: 43 Resp: 160408
Ion Ratio Lower Upper
43 100
58 55.8 44.8 67.2
57 19.7 15.6 23.4
100 12.7 9.3 13.9



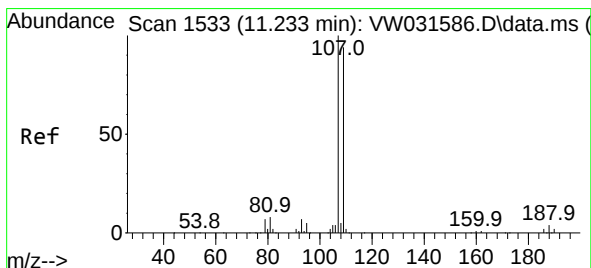
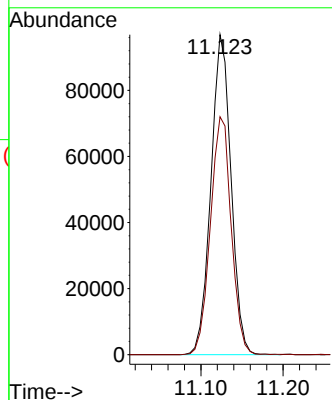
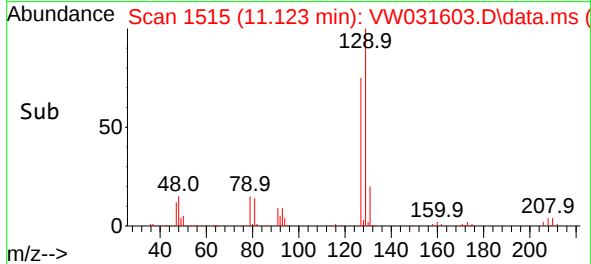


#49
Dibromochloromethane
Concen: 23.700 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

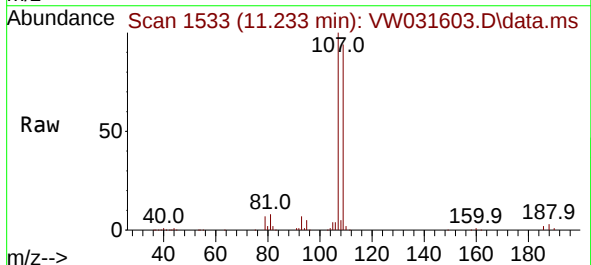
Instrument :
MSVOA_W
ClientSampleId :



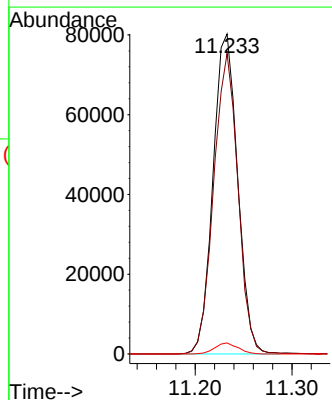
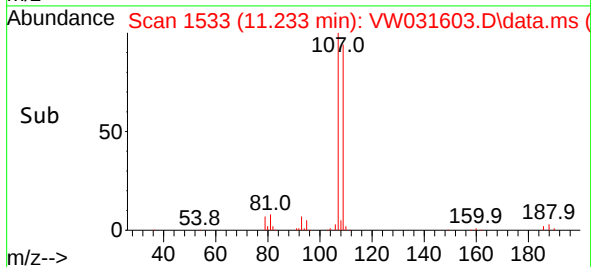
Tgt Ion:129 Resp: 164595
Ion Ratio Lower Upper
129 100
127 74.3 53.0 98.4

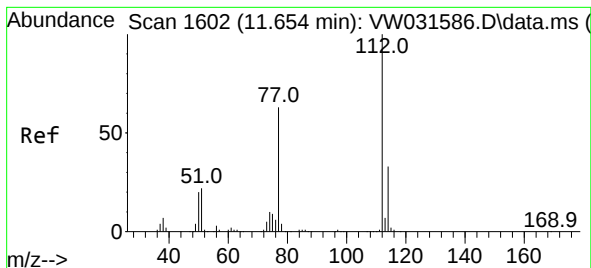


#50
1,2-Dibromoethane
Concen: 24.235 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18



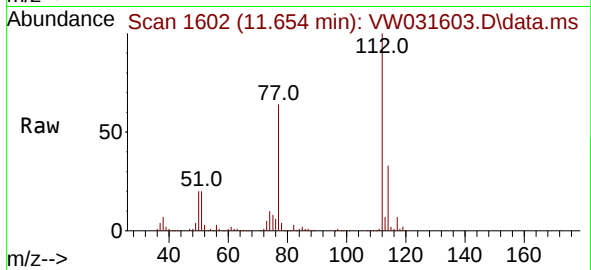
Tgt Ion:107 Resp: 141772
Ion Ratio Lower Upper
107 100
109 93.9 63.8 118.4
188 3.4 2.6 3.8



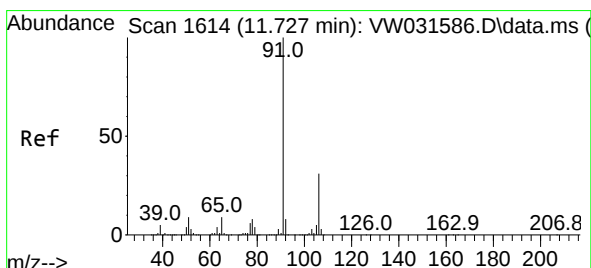
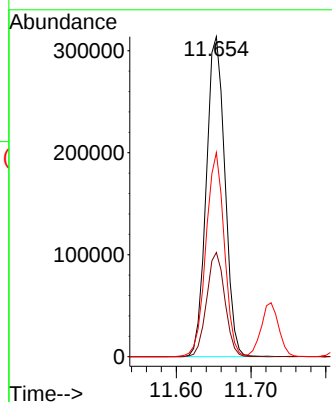
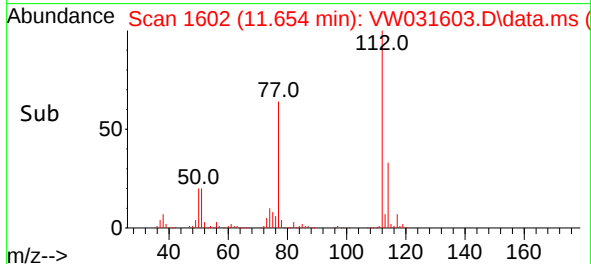


#51
Chlorobenzene
Concen: 21.447 ug/L
RT: 11.654 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Instrument :
MSVOA_W
ClientSampleId :

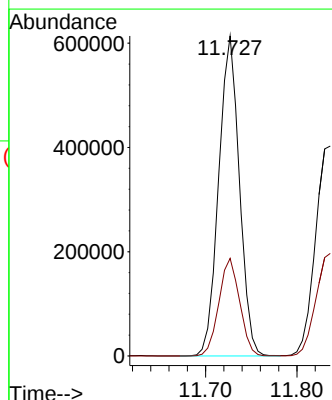
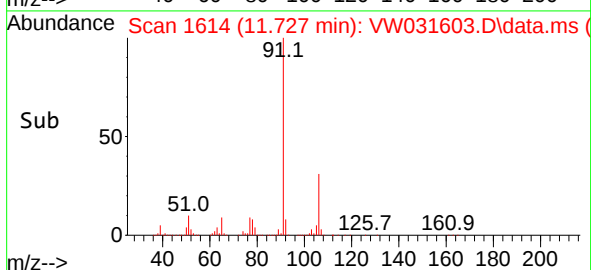
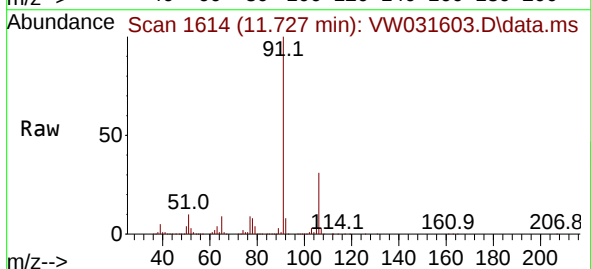


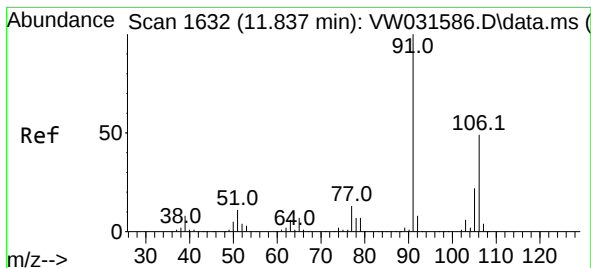
Tgt Ion:112 Resp: 542388
Ion Ratio Lower Upper
112 100
114 32.6 22.0 40.8
77 63.8 49.0 73.4



#52
Ethylbenzene
Concen: 20.571 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion: 91 Resp: 966659
Ion Ratio Lower Upper
91 100
106 30.5 22.3 41.3





#53

m,p-Xylene

Concen: 20.602 ug/L

RT: 11.836 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

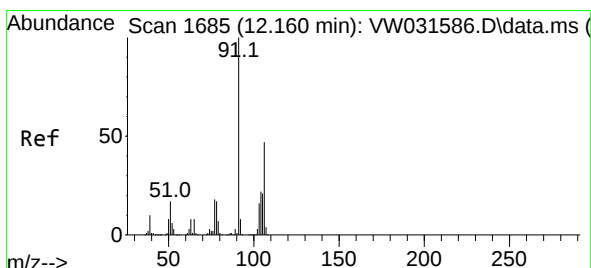
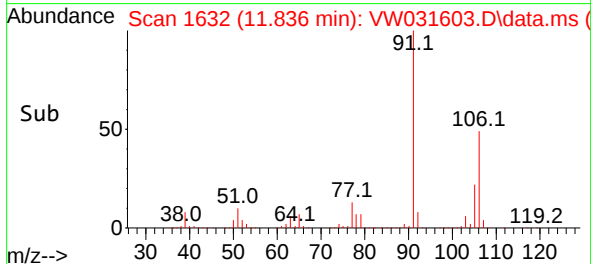
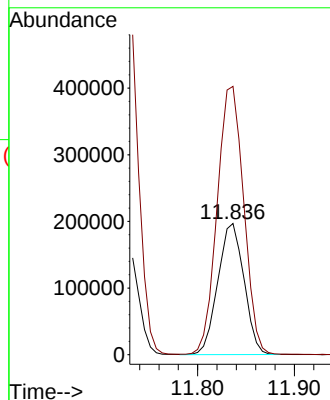
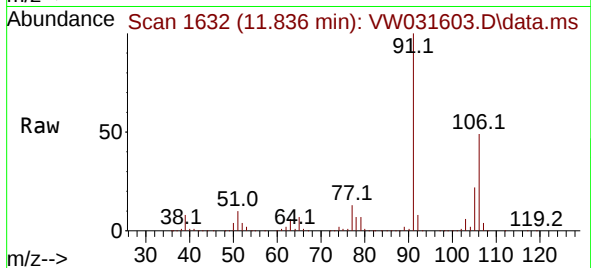
ClientSampleId :

Tgt Ion:106 Resp: 369140

Ion Ratio Lower Upper

106 100

91 204.5 145.9 270.9



#54

o-Xylene

Concen: 20.810 ug/L

RT: 12.160 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW031603.D

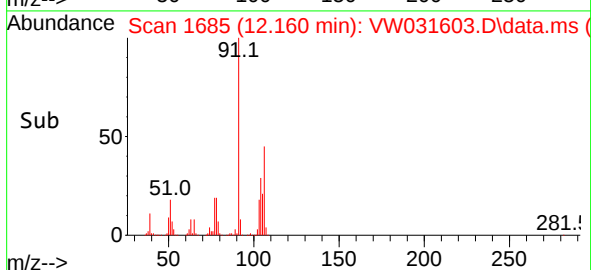
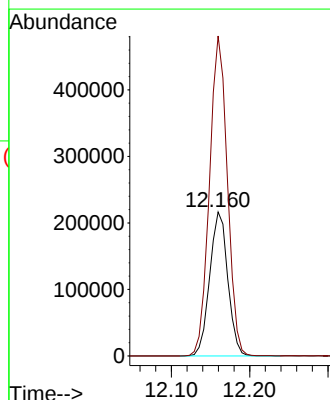
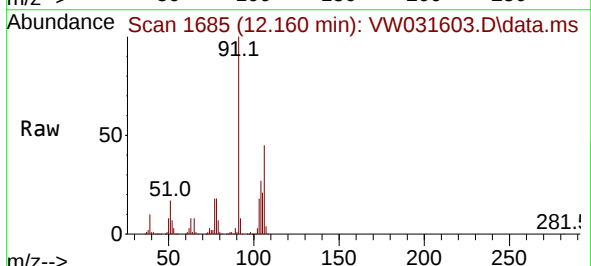
Acq: 27 Jan 2025 19:18

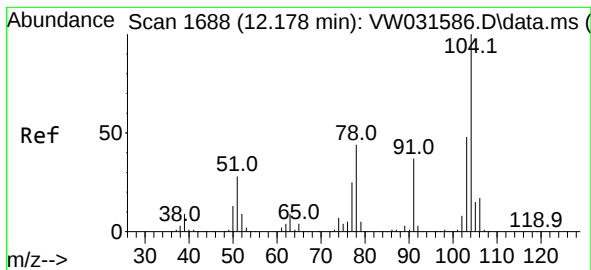
Tgt Ion:106 Resp: 346514

Ion Ratio Lower Upper

106 100

91 222.1 152.9 284.1





#55

Styrene

Concen: 21.835 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

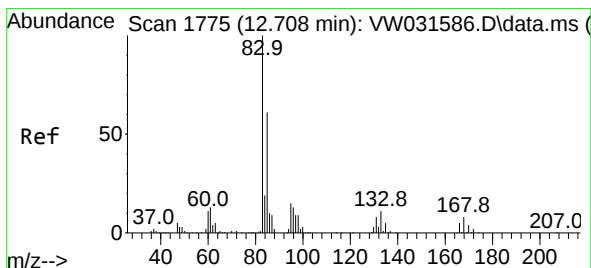
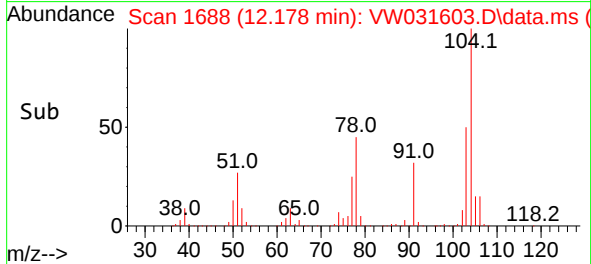
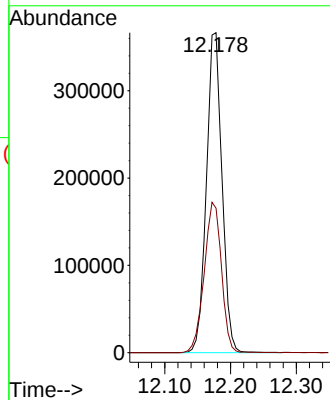
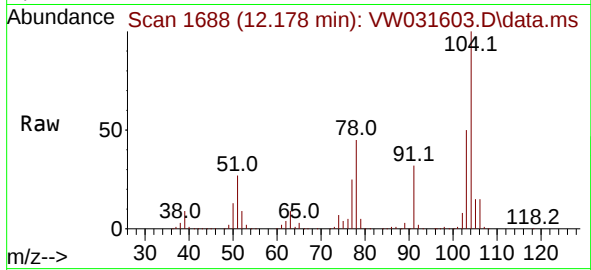
ClientSampleId :

Tgt Ion:104 Resp: 604991

Ion Ratio Lower Upper

104 100

78 45.2 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 24.658 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

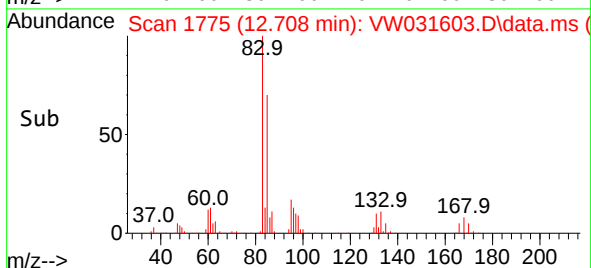
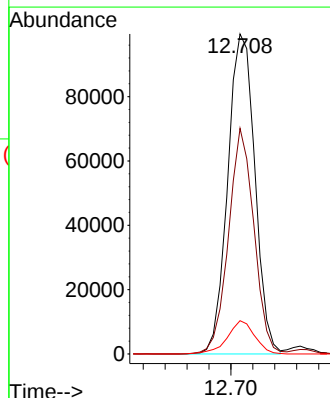
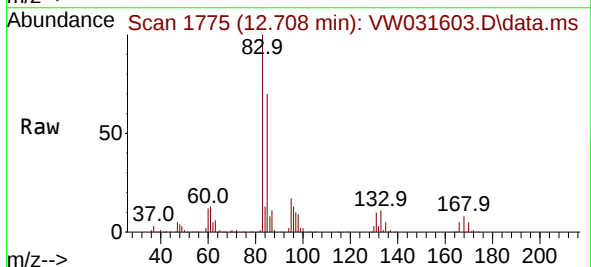
Tgt Ion: 83 Resp: 171016

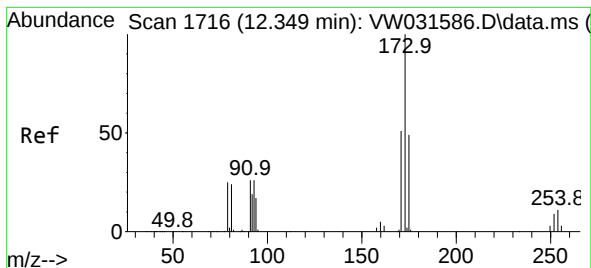
Ion Ratio Lower Upper

83 100

85 70.5 44.1 81.9

131 10.4 7.4 11.0





#59

Bromoform

Concen: 23.016 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW031603.D

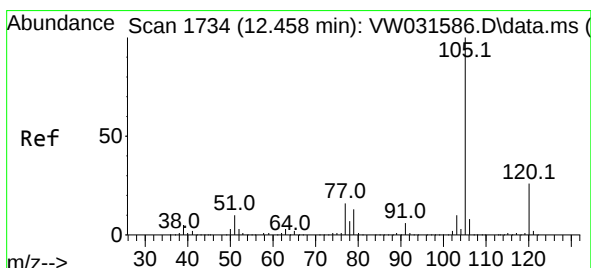
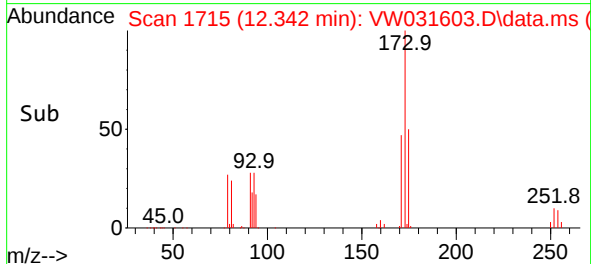
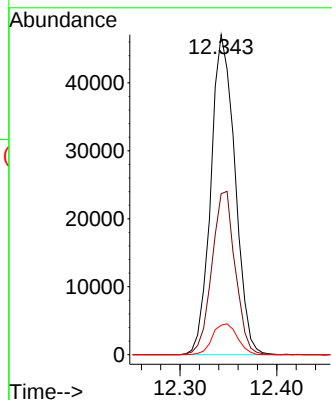
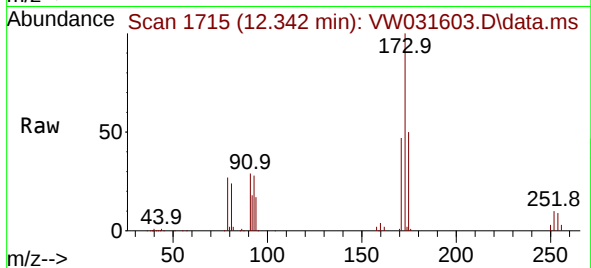
Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	173	Resp:	81695
Ion Ratio	Lower	Upper	
173	100		
175	49.3	37.7	56.5
254	10.0	7.1	10.7



#60

Isopropylbenzene

Concen: 20.431 ug/L

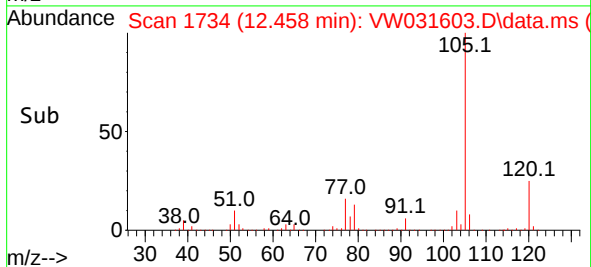
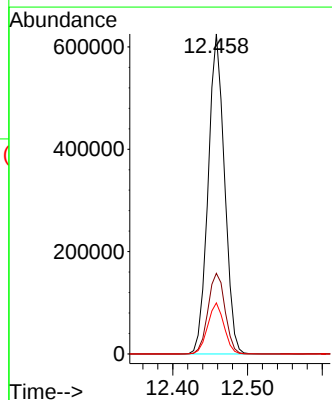
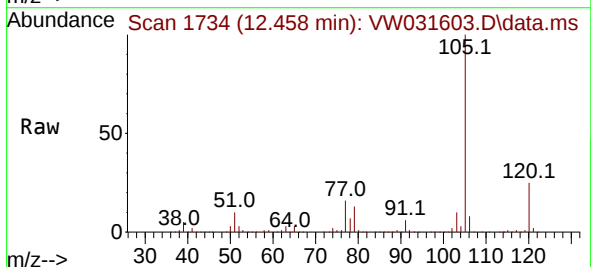
RT: 12.458 min Scan# 1734

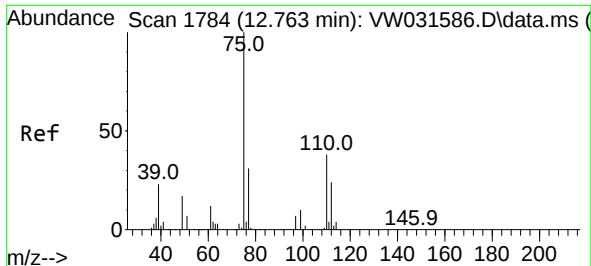
Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Tgt Ion:	105	Resp:	950716
Ion Ratio	Lower	Upper	
105	100		
120	26.2	20.1	30.1
77	15.9	12.7	19.1

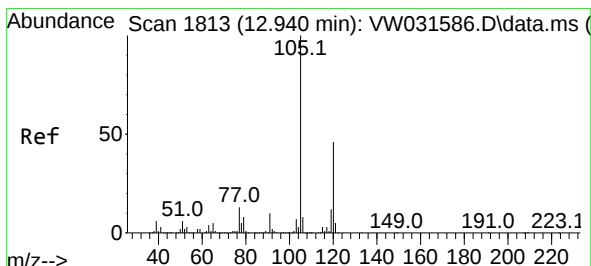
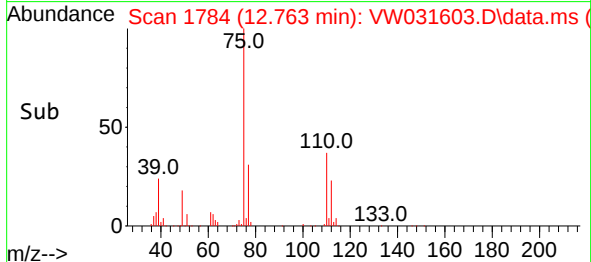
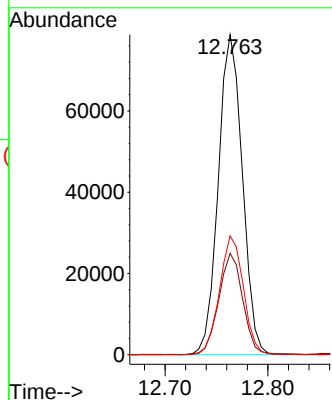
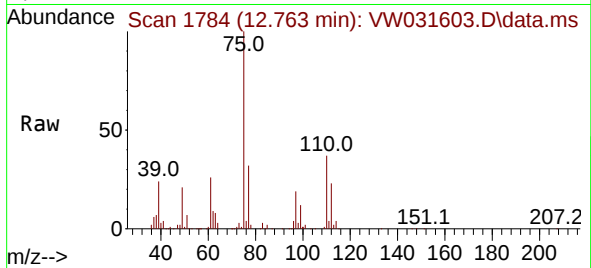




#61
1,2,3-Trichloropropane
Concen: 25.579 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

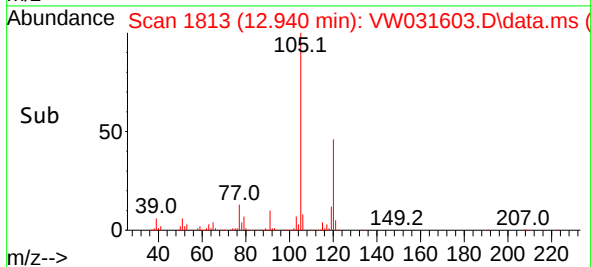
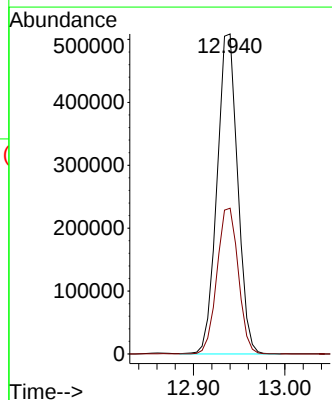
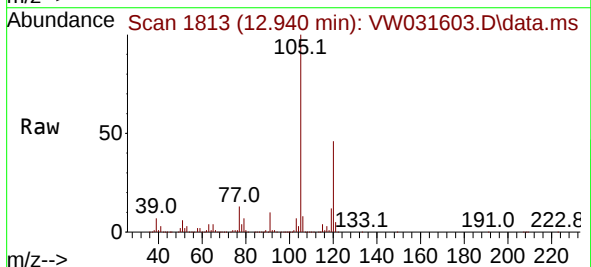
Instrument :
MSVOA_W
ClientSampleId :

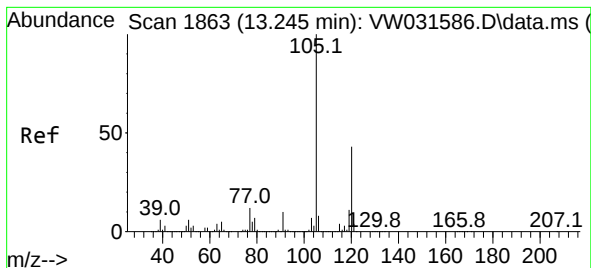
Tgt Ion: 75 Resp: 127954
Ion Ratio Lower Upper
75 100
77 31.5 26.2 39.2
110 36.8 29.6 44.4



#62
1,3,5-Trimethylbenzene
Concen: 20.858 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion:105 Resp: 799197
Ion Ratio Lower Upper
105 100
120 46.9 37.6 56.4





#63

1,2,4-Trimethylbenzene

Concen: 21.007 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

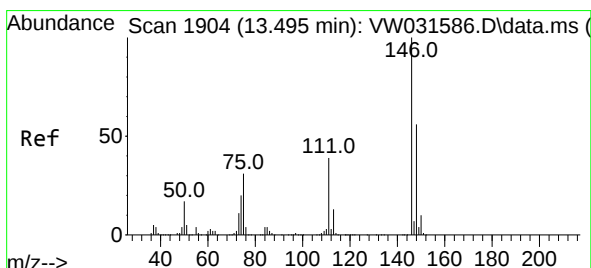
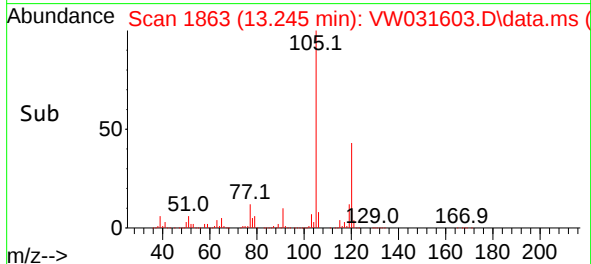
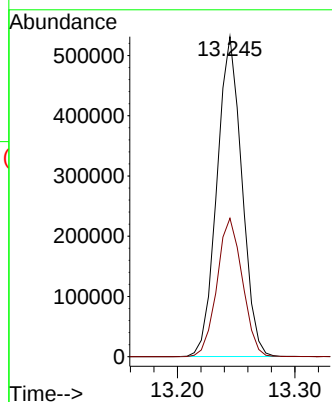
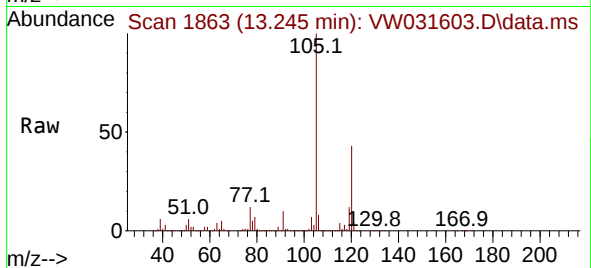
ClientSampleId :

Tgt Ion:105 Resp: 783429

Ion Ratio Lower Upper

105 100

120 44.0 36.3 54.5



#64

1,3-Dichlorobenzene

Concen: 20.947 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

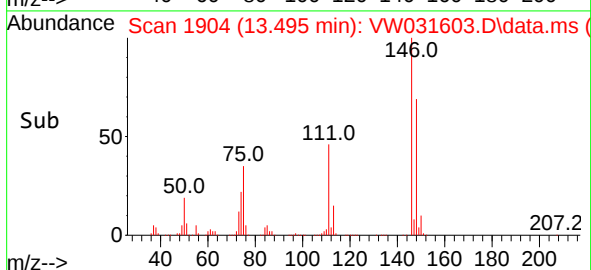
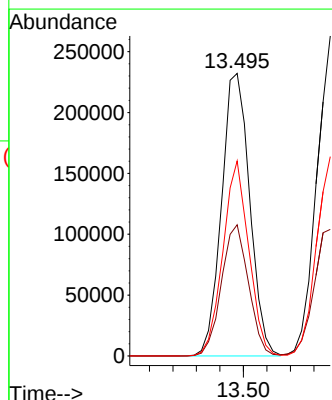
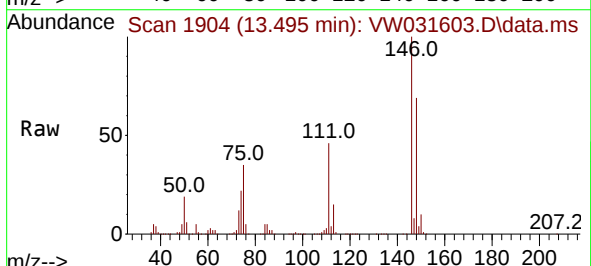
Tgt Ion:146 Resp: 386614

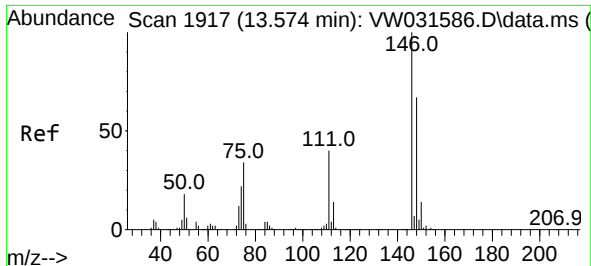
Ion Ratio Lower Upper

146 100

111 46.4 30.4 56.5

148 69.0 42.1 78.1

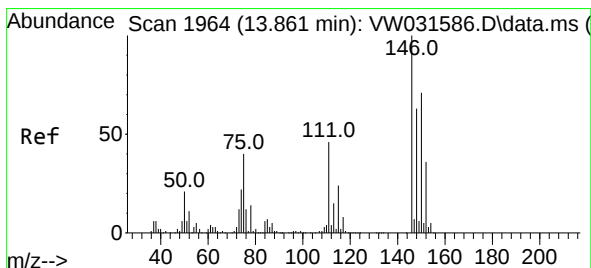
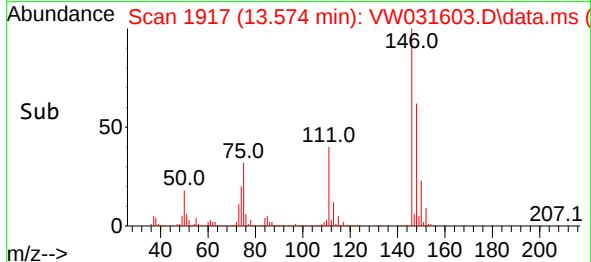
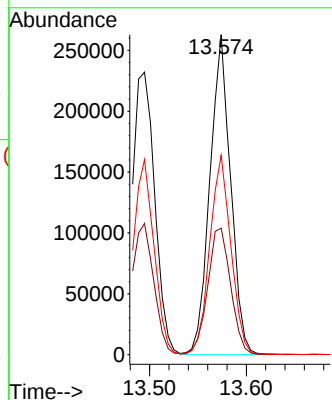
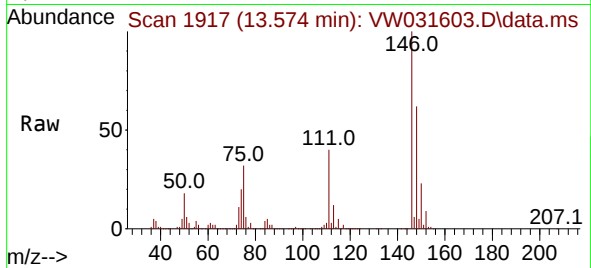




#65
1,4-Dichlorobenzene
Concen: 21.408 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

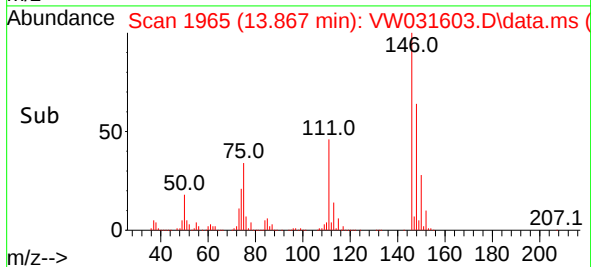
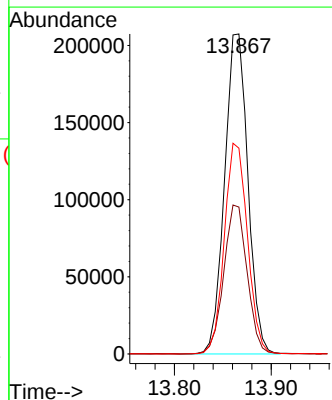
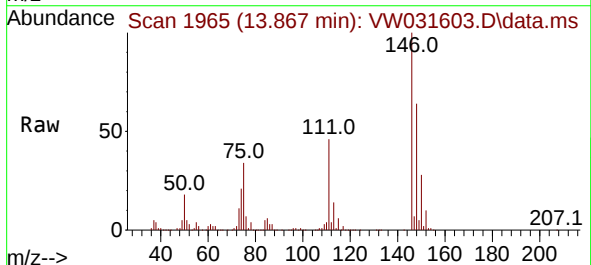
Instrument :
MSVOA_W
ClientSampleId :

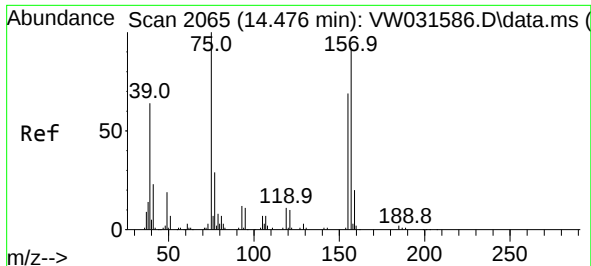
Tgt Ion:146 Resp: 390785
Ion Ratio Lower Upper
146 100
111 39.5 28.5 52.9
148 62.3 45.4 84.4



#67
1,2-Dichlorobenzene
Concen: 22.052 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.006 min
Lab File: VW031603.D
Acq: 27 Jan 2025 19:18

Tgt Ion:146 Resp: 347564
Ion Ratio Lower Upper
146 100
111 45.9 36.6 55.0
148 64.3 51.0 76.4





#68

1,2-Dibromo-3-chloropropane

Concen: 25.063 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

ClientSampleId :

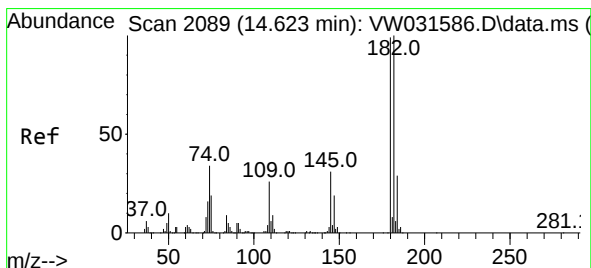
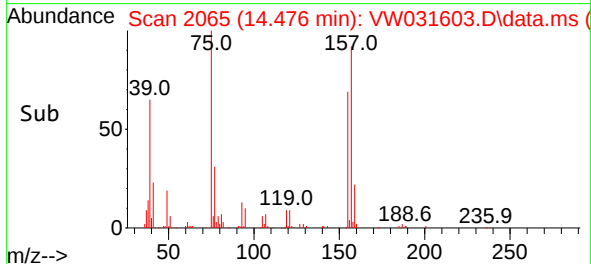
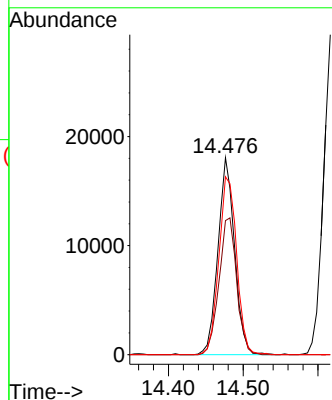
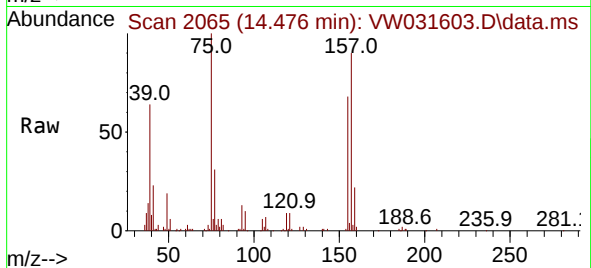
Tgt Ion: 75 Resp: 28029

Ion Ratio Lower Upper

75 100

155 68.1 51.0 76.4

157 90.3 70.2 105.2



#69

1,3,5-Trichlorobenzene

Concen: 20.335 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Tgt Ion:180 Resp: 254336

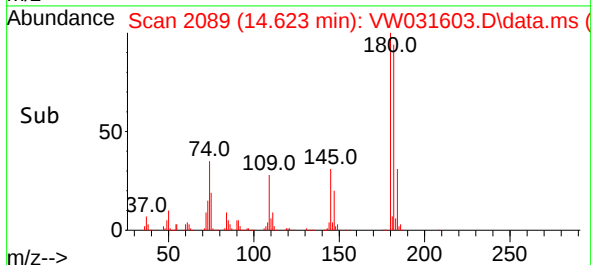
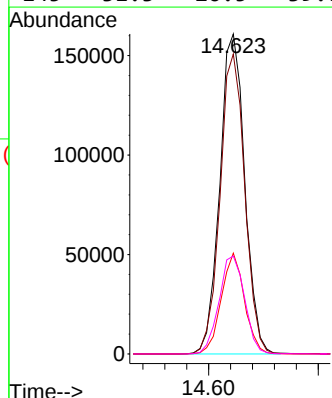
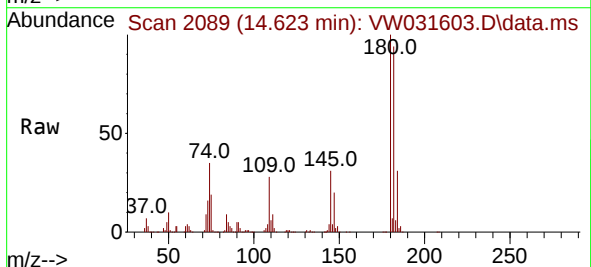
Ion Ratio Lower Upper

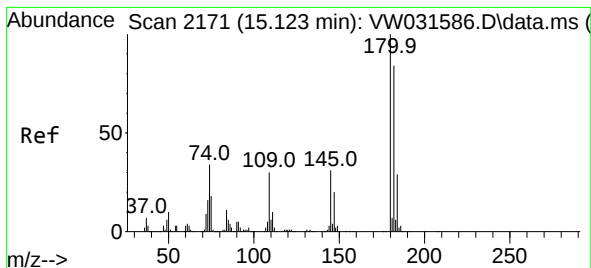
180 100

182 92.8 74.2 111.4

184 29.3 23.0 34.4

145 31.3 26.5 39.7





#70

1,2,4-trichlorobenzene

Concen: 21.347 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

Instrument :

MSVOA_W

ClientSampleId :

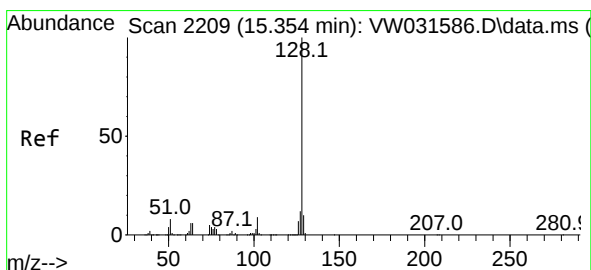
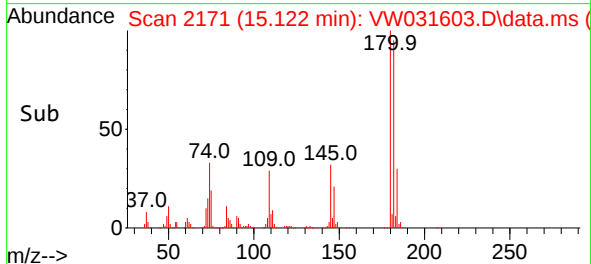
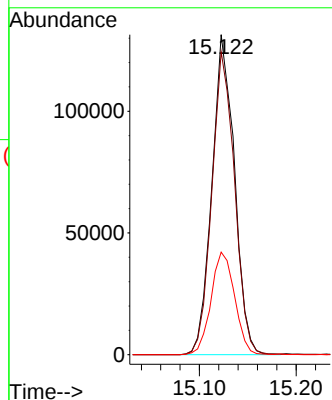
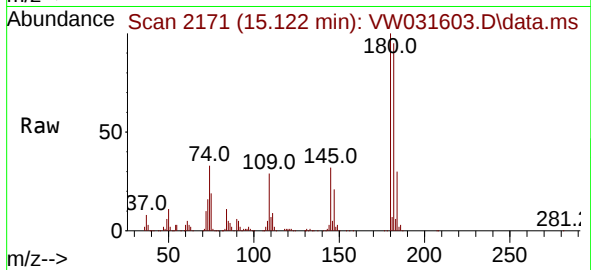
Tgt Ion:180 Resp: 212663

Ion Ratio Lower Upper

180 100

182 95.3 77.7 116.5

145 33.6 26.6 39.8



#71

Naphthalene

Concen: 25.074 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VW031603.D

Acq: 27 Jan 2025 19:18

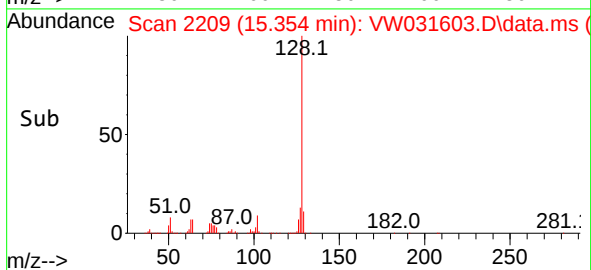
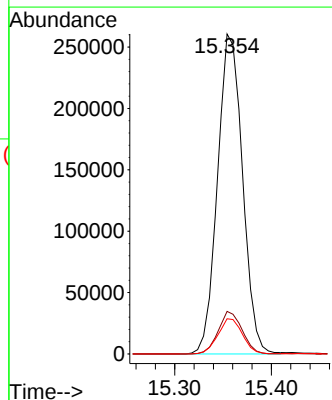
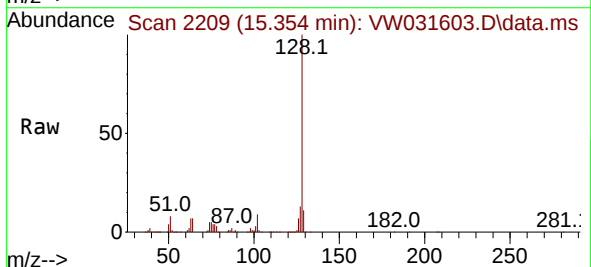
Tgt Ion:128 Resp: 468394

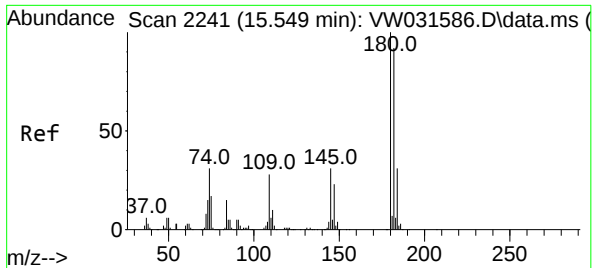
Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

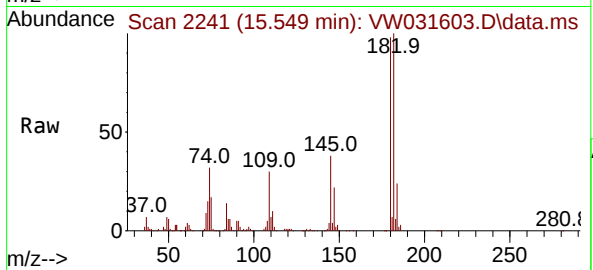
129 10.8 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 22.637 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW031603.D
 Acq: 27 Jan 2025 19:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	189933
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.9	115.3
145	36.0	30.1	45.1

