

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121724\
 Data File : VW031327.D
 Acq On : 17 Dec 2024 19:01
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 00:21:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 18 00:14:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	565575	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.623	117	499497	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	255381	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	195286	22.949	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.800%
7) Chloroethane-d5	2.899	69	159814	25.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.560%
11) 1,1-Dichloroethene-d2	4.021	65	89872	22.264	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.040%
21) 2-Butanone-d5	7.093	46	99364	62.002	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.000%
24) Chloroform-d	7.648	84	400147	25.822	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.280%
26) 1,2-Dichloroethane-d4	8.307	65	215494	27.690	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.760%
32) Benzene-d6	8.276	84	777172	24.275	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.120%
36) 1,2-Dichloropropane-d6	9.270	67	232142	24.880	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.520%
41) Toluene-d8	10.318	98	717626	24.095	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.360%
43) trans-1,3-Dichloroprop...	10.574	79	103904	24.151	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.600%
47) 2-Hexanone-d5	10.922	63	79252	63.159	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	176859	30.189	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	120.760%#
66) 1,2-Dichlorobenzene-d4	13.848	152	230718	24.335	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.009	85	125080	24.471	ug/L	99
3) Chloromethane	2.216	50	142301	24.781	ug/L	99
5) Vinyl chloride	2.375	62	208765	26.234	ug/L	95
6) Bromomethane	2.789	94	133511	27.289	ug/L	97
8) Chloroethane	2.936	64	131640	27.816	ug/L	100
9) Trichlorofluoromethane	3.265	101	195297	23.037	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	172726	25.231	ug/L	96
12) 1,1-Dichloroethene	4.039	96	177853	25.651	ug/L	96
13) Acetone	4.167	43	60716	27.204	ug/L #	100
14) Carbon disulfide	4.387	76	508601	22.492	ug/L	99
15) Methyl Acetate	4.685	43	78872	31.114	ug/L	99
16) Methylene chloride	4.923	84	183422	25.775	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	194633	26.042	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	360564	28.858	ug/L	99
19) 1,1-Dichloroethane	6.216	63	369313	26.444	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	218197	26.984	ug/L	98
22) 2-Butanone	7.191	43	103234	38.175	ug/L	96
23) Bromochloromethane	7.514	128	92349	28.636	ug/L	91
25) Chloroform	7.673	83	394016	28.586	ug/L	99

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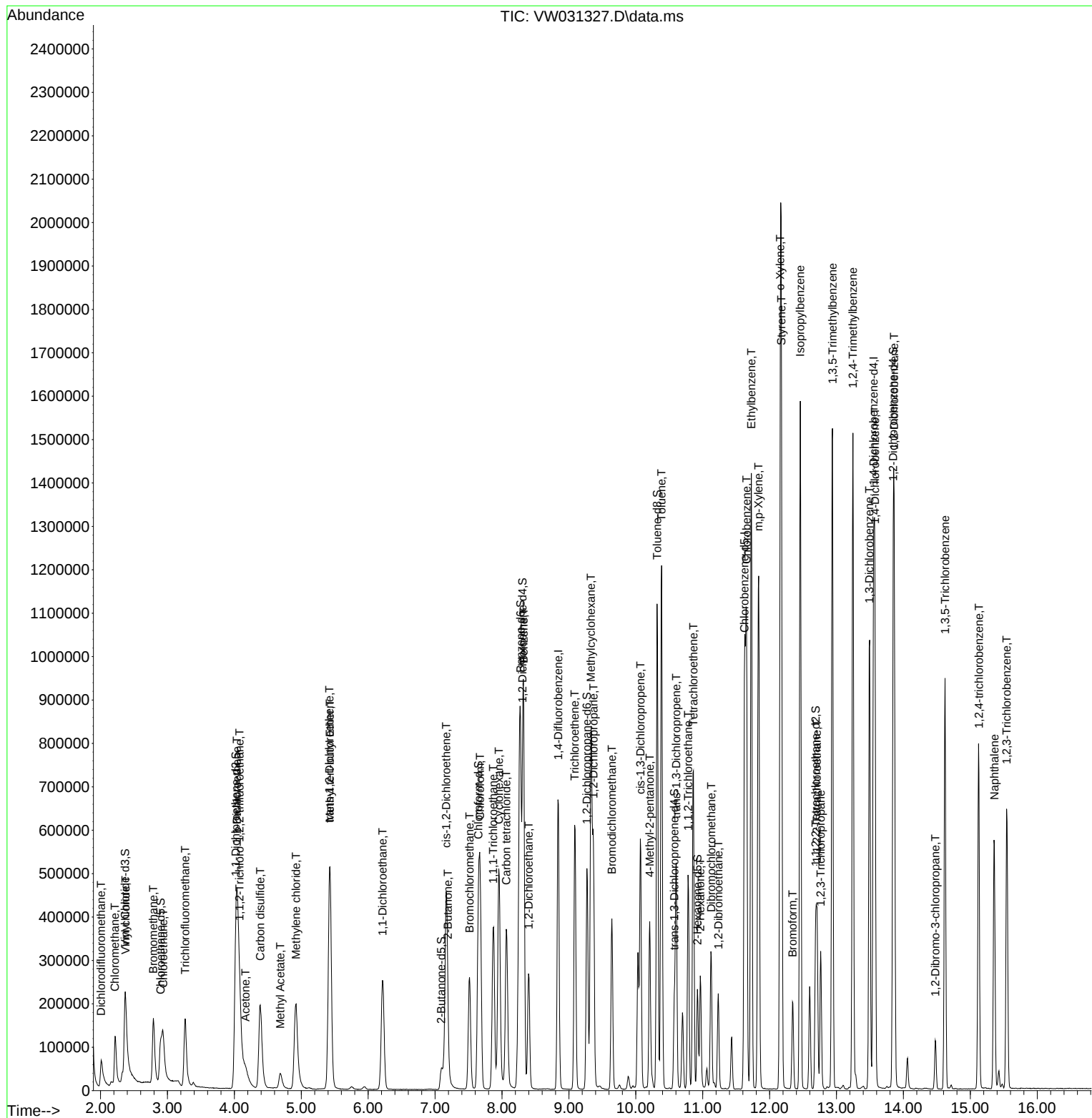
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	253772	29.285	ug/L	99
29) Cyclohexane	7.953	56	307530	22.702	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	315486	24.436	ug/L	98
31) Carbon tetrachloride	8.063	117	276956	24.079	ug/L	98
33) Benzene	8.325	78	800992	25.949	ug/L	100
34) Trichloroethene	9.087	95	217612	24.971	ug/L	93
35) Methylcyclohexane	9.331	83	347773	22.915	ug/L	99
37) 1,2-Dichloropropane	9.367	63	203373	26.411	ug/L	99
38) Bromodichloromethane	9.642	83	262452	26.217	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	340537	26.170	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	249287	61.019	ug/L	99
42) Toluene	10.386	91	879167	26.160	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	283482	26.681	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	148217	28.938	ug/L	94
46) Tetrachloroethene	10.861	164	163506	25.614	ug/L	92
48) 2-Hexanone	10.965	43	161446	46.464	ug/L	99
49) Dibromochloromethane	11.129	129	168495	27.752	ug/L	86
50) 1,2-Dibromoethane	11.233	107	146156	30.123	ug/L	94
51) Chlorobenzene	11.654	112	565707	26.847	ug/L	94
52) Ethylbenzene	11.727	91	1007363	25.863	ug/L	98
53) m,p-Xylene	11.836	106	388241	26.183	ug/L	99
54) o-Xylene	12.160	106	361237	25.850	ug/L	94
55) Styrene	12.178	104	619237	26.640	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	176816	32.023	ug/L	99
59) Bromoform	12.342	173	90978	25.359	ug/L	98
60) Isopropylbenzene	12.458	105	1001360	23.960	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	128196	29.336	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	821482	23.185	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	819300	23.924	ug/L	99
64) 1,3-Dichlorobenzene	13.489	146	418425	24.712	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	420212	25.047	ug/L	97
67) 1,2-Dichlorobenzene	13.860	146	373243	25.583	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	30370	27.386	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	283198	23.881	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	237242	24.050	ug/L	99
71) Naphthalene	15.360	128	492596	28.482	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	207528	26.111	ug/L	97

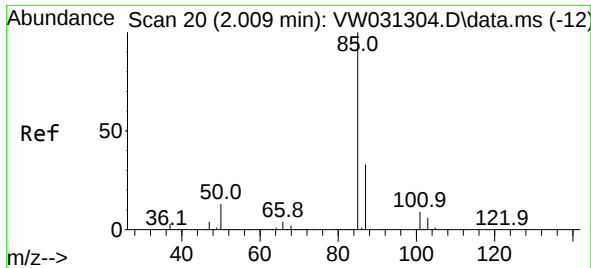
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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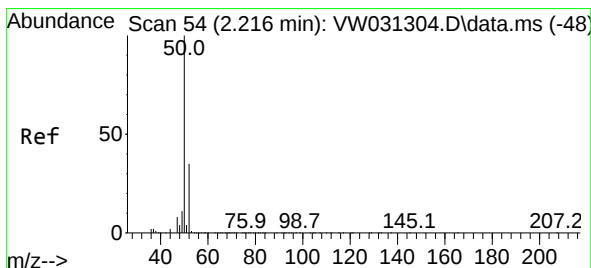
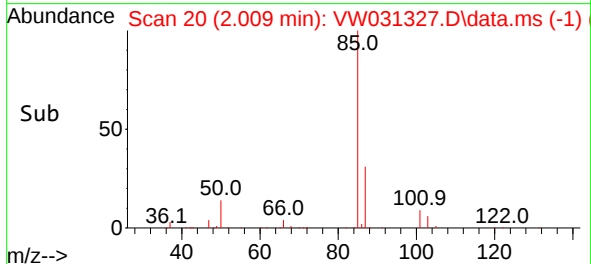
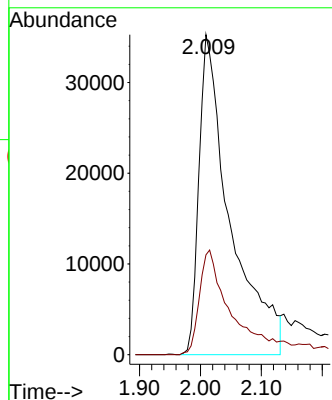
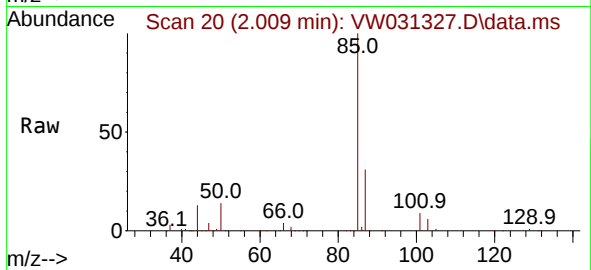




#2
Dichlorodifluoromethane
Concen: 24.471 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

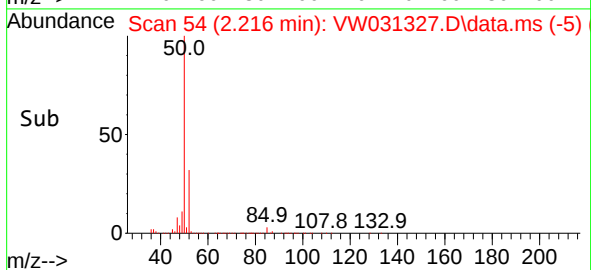
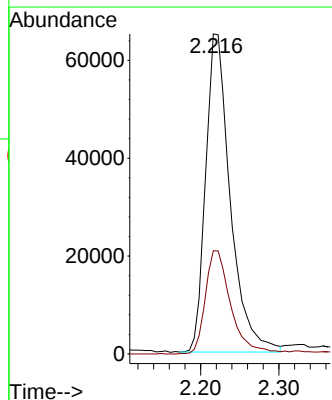
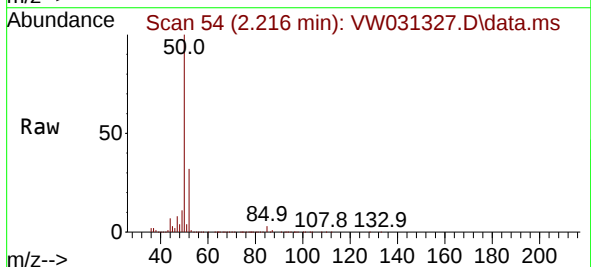
Instrument :
MSVOA_W
ClientSampleId :

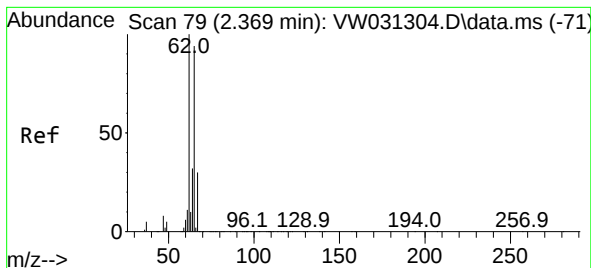
Tgt Ion: 85 Resp: 125080
Ion Ratio Lower Upper
85 100
87 31.4 24.9 37.3



#3
Chloromethane
Concen: 24.781 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 50 Resp: 142301
Ion Ratio Lower Upper
50 100
52 32.2 22.0 41.0





#5

Vinyl chloride

Concen: 26.234 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

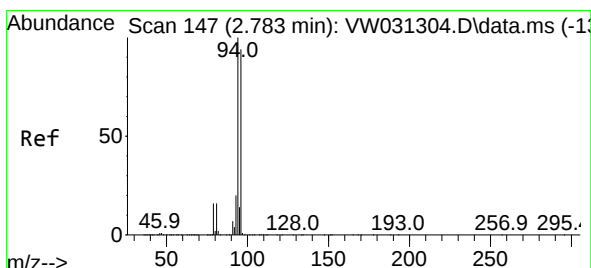
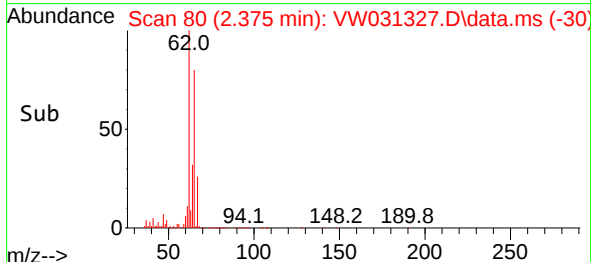
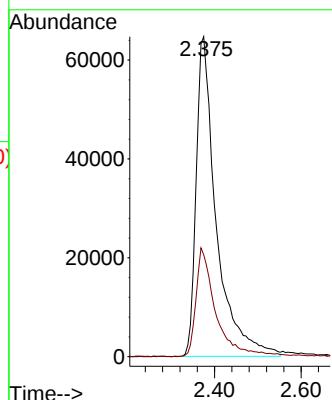
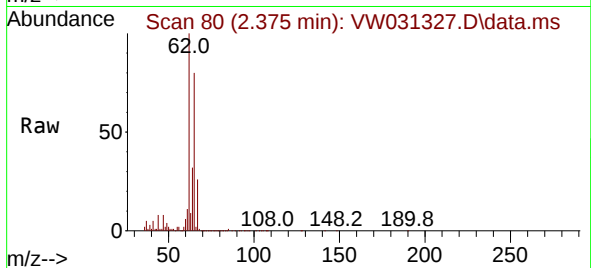
ClientSampleId :

Tgt Ion: 62 Resp: 208765

Ion Ratio Lower Upper

62 100

64 31.9 24.1 44.8



#6

Bromomethane

Concen: 27.289 ug/L

RT: 2.789 min Scan# 148

Delta R.T. 0.006 min

Lab File: VW031327.D

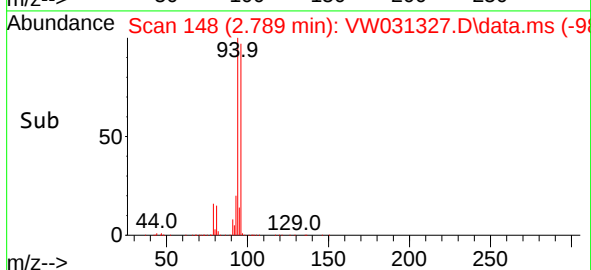
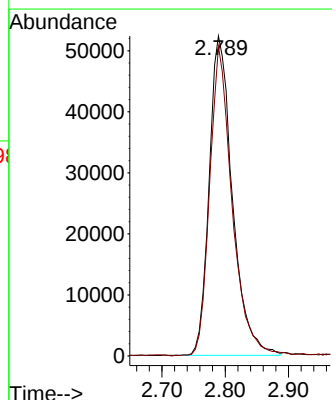
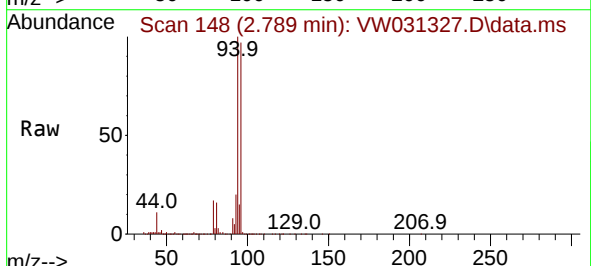
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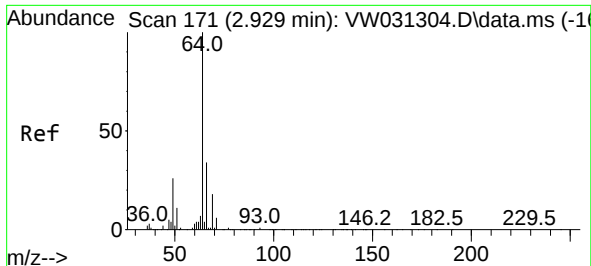
Tgt Ion: 94 Resp: 133511

Ion Ratio Lower Upper

94 100

96 96.7 65.6 121.8

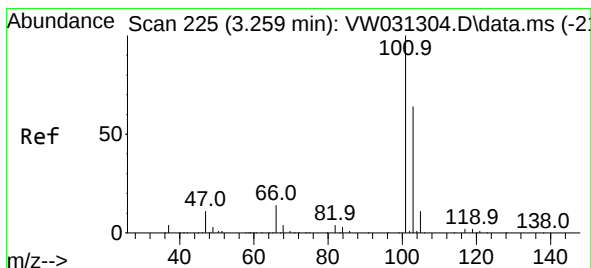
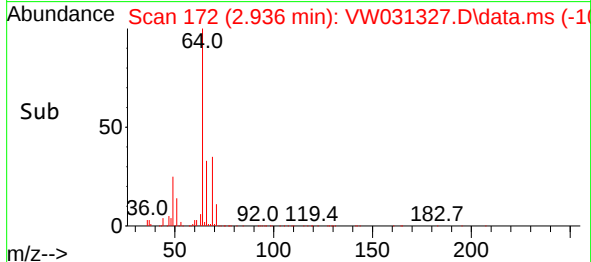
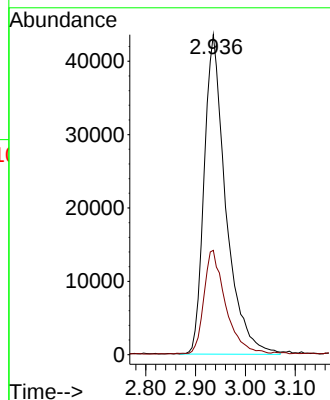
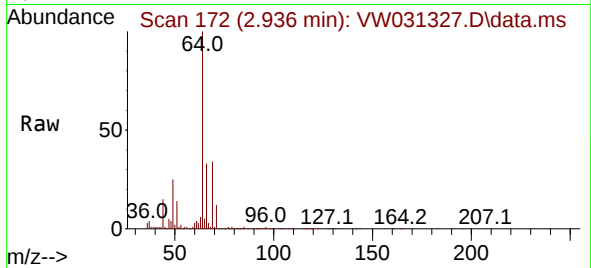




#8
Chloroethane
Concen: 27.816 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

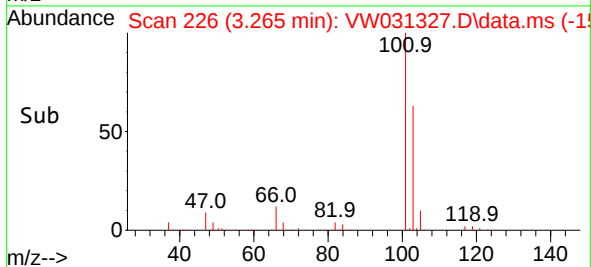
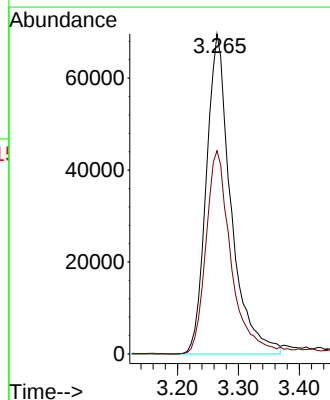
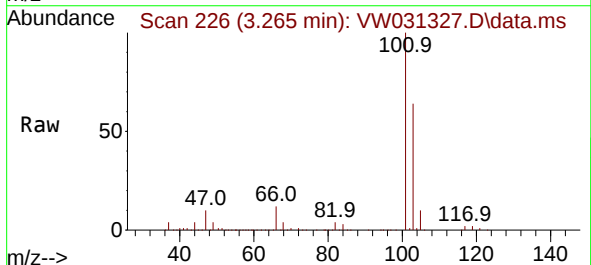
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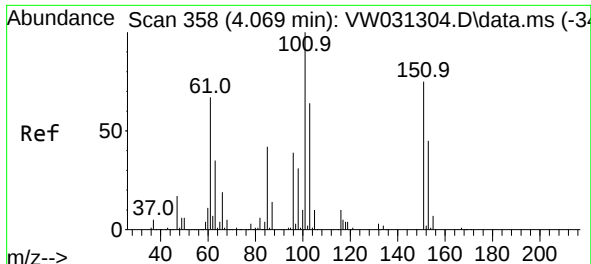
Tgt Ion: 64 Resp: 131640
Ion Ratio Lower Upper
64 100
66 32.6 22.7 42.3



#9
Trichlorofluoromethane
Concen: 23.037 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion:101 Resp: 195297
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

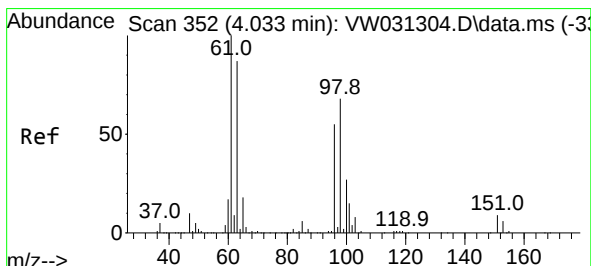
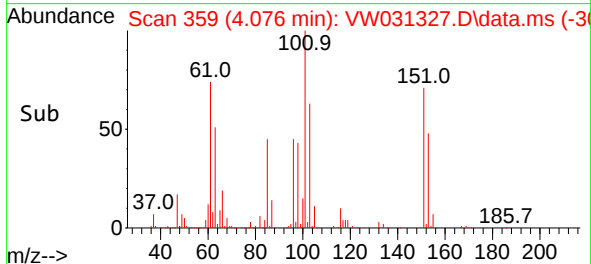
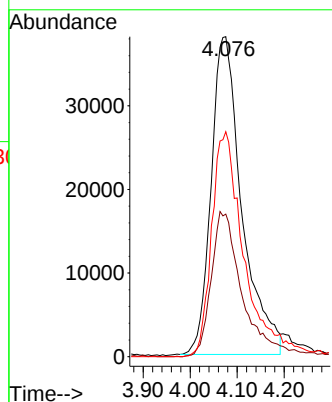
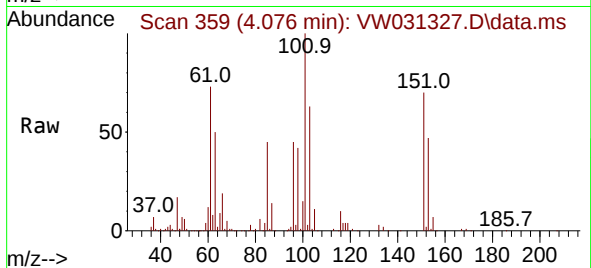




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.231 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW031327.D
 Acq: 17 Dec 2024 19:01

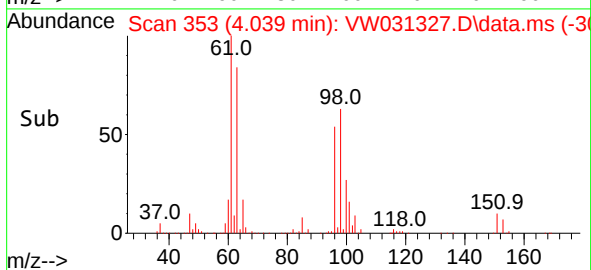
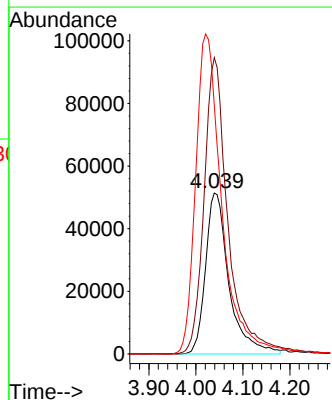
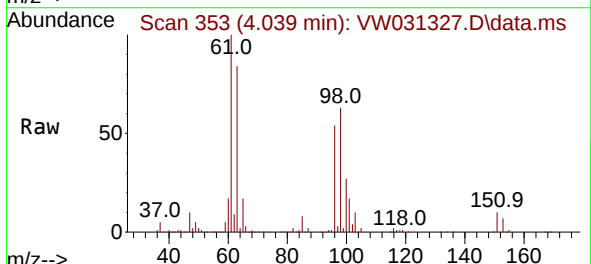
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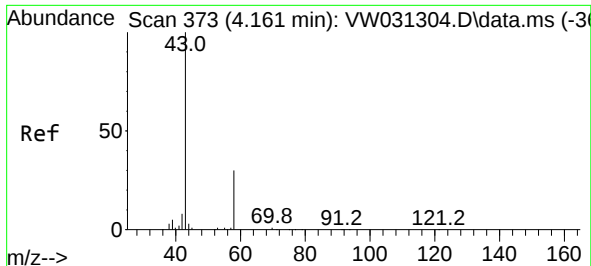
Tgt Ion:101 Resp: 172726
 Ion Ratio Lower Upper
 101 100
 85 45.3 33.0 49.4
 151 71.1 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 25.651 ug/L
 RT: 4.039 min Scan# 353
 Delta R.T. 0.006 min
 Lab File: VW031327.D
 Acq: 17 Dec 2024 19:01

Tgt Ion: 96 Resp: 177853
 Ion Ratio Lower Upper
 96 100
 61 184.1 125.3 232.7
 63 154.5 104.6 194.2

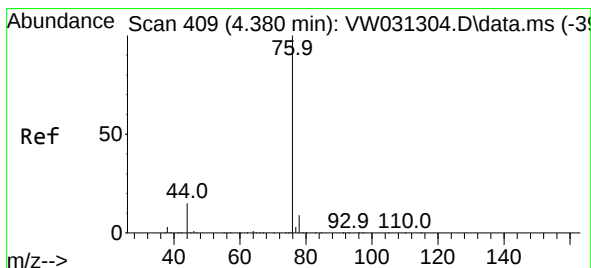
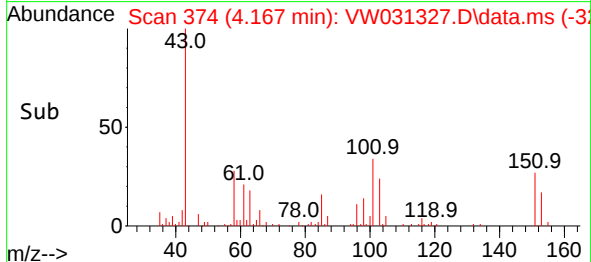
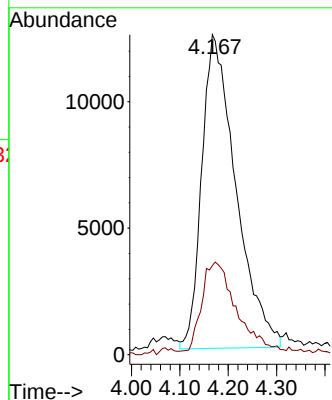
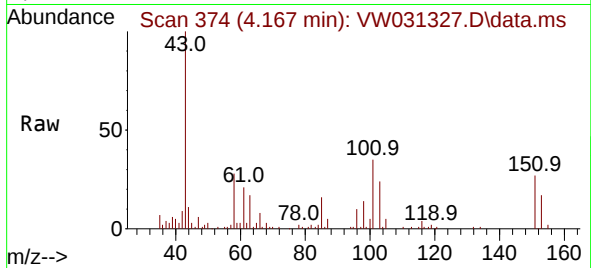




#13
Acetone
Concen: 27.204 ug/L
RT: 4.167 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

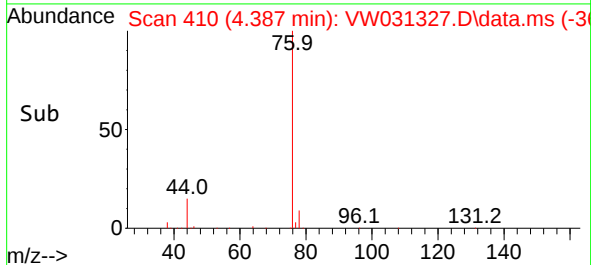
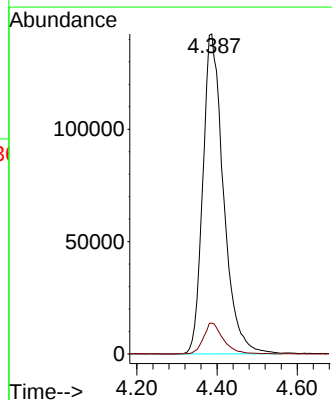
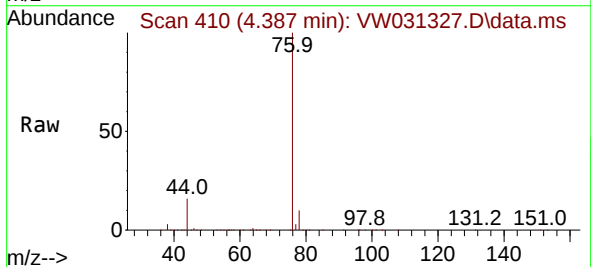
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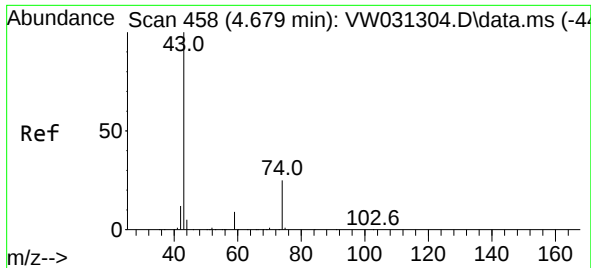
Tgt Ion: 43 Resp: 60716
Ion Ratio Lower Upper
43 100
58 7.6 0.0 0.0#



#14
Carbon disulfide
Concen: 22.492 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 76 Resp: 508601
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

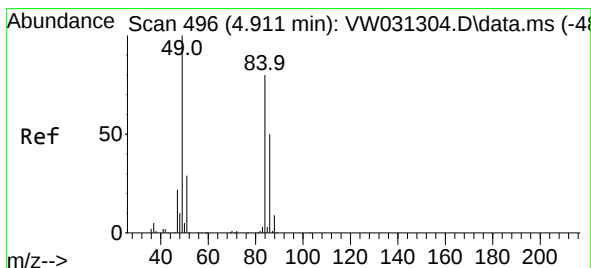
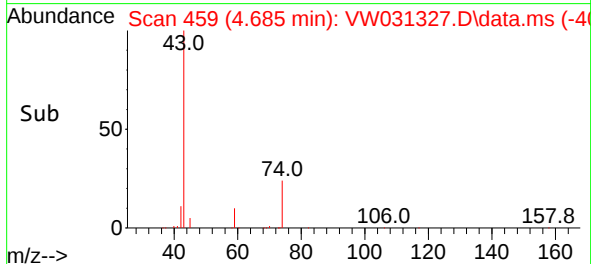
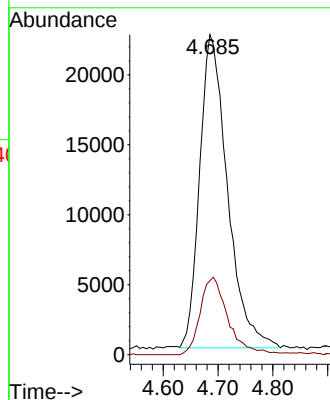
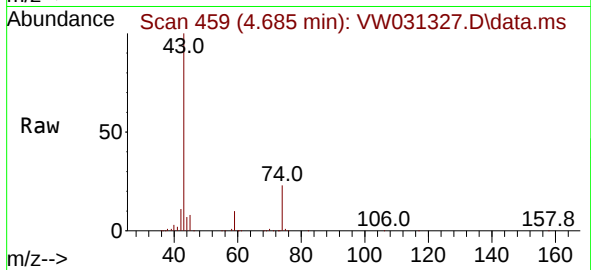




#15
Methyl Acetate
Concen: 31.114 ug/L
RT: 4.685 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

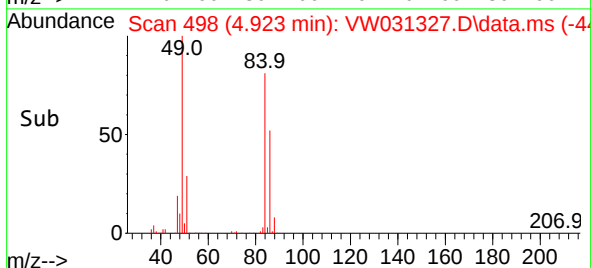
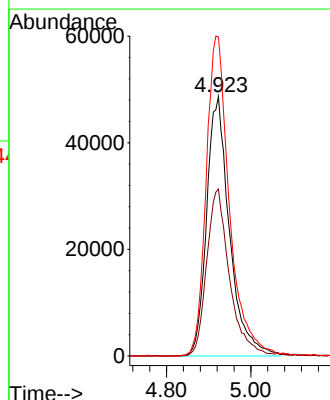
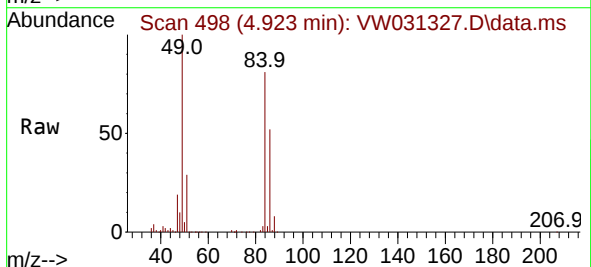
Instrument :
MSVOA_W
ClientSampleId :

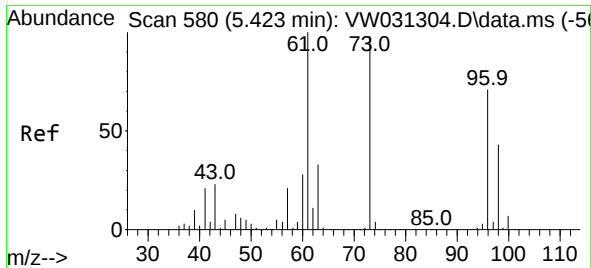
Tgt Ion: 43 Resp: 78872
Ion Ratio Lower Upper
43 100
74 23.9 18.9 28.3



#16
Methylene chloride
Concen: 25.775 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.012 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 84 Resp: 183422
Ion Ratio Lower Upper
84 100
86 64.4 44.7 82.9
49 122.9 88.3 164.1

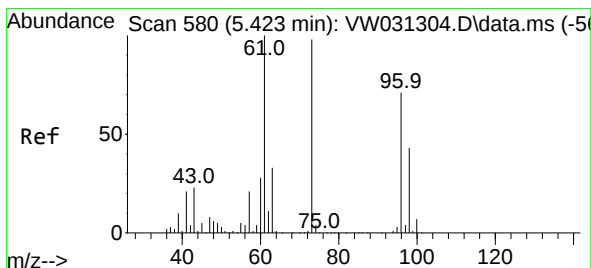
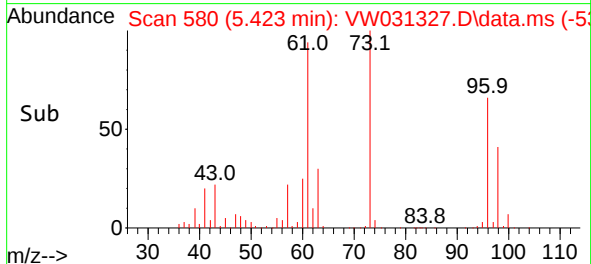
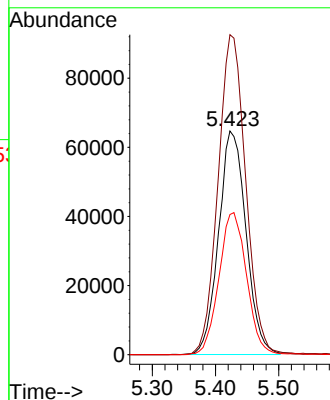
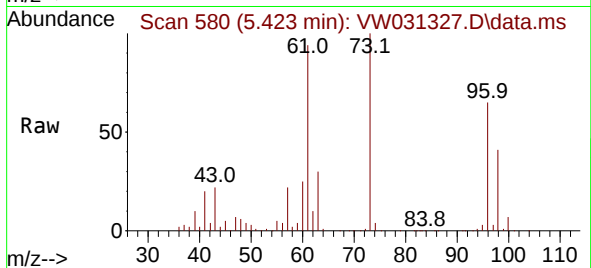




#17
trans-1,2-Dichloroethene
Concen: 26.042 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

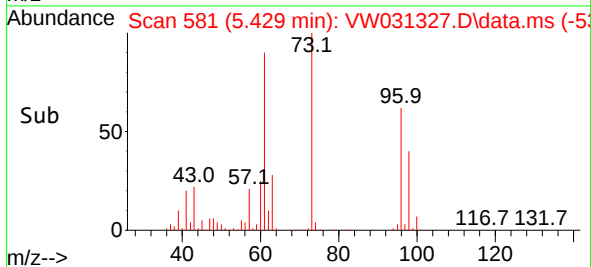
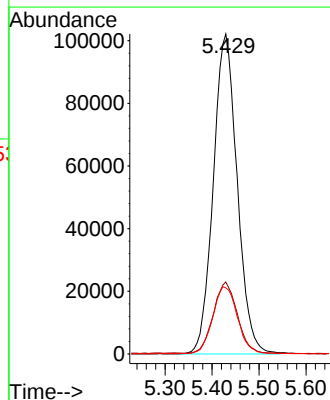
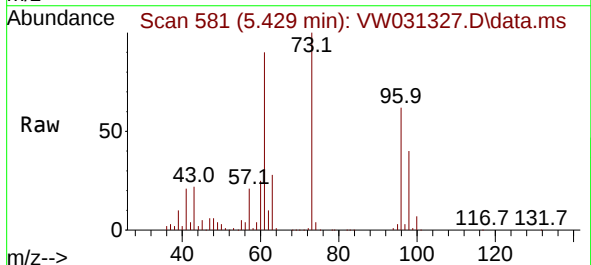
Instrument :
MSVOA_W
ClientSampleId :

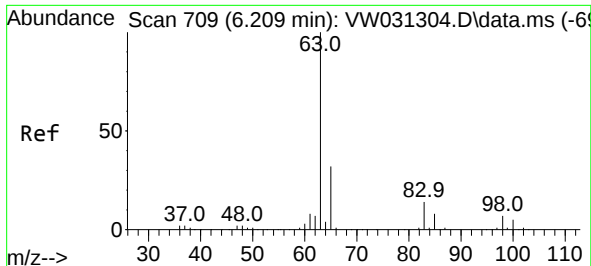
Tgt Ion: 96 Resp: 194633
Ion Ratio Lower Upper
96 100
61 143.0 100.7 187.1
98 62.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 28.858 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 73 Resp: 360564
Ion Ratio Lower Upper
73 100
43 22.5 17.9 26.9
57 21.4 17.9 26.9

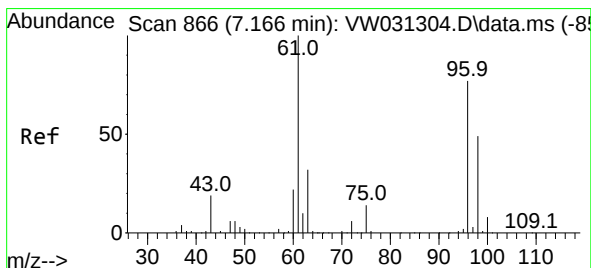
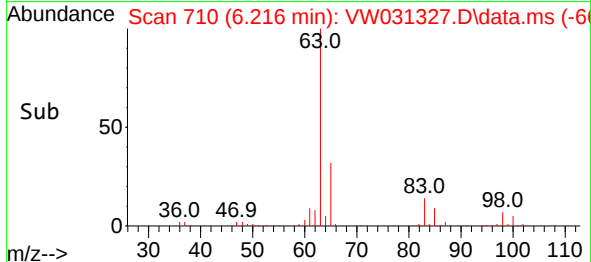
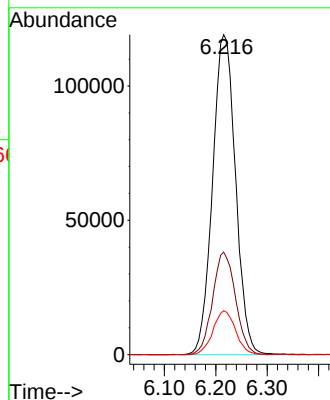
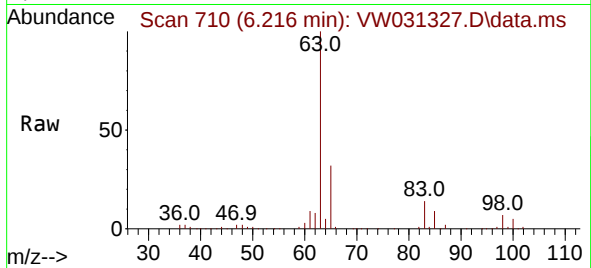




#19
1,1-Dichloroethane
Concen: 26.444 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

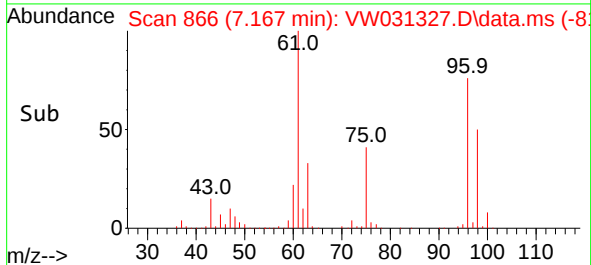
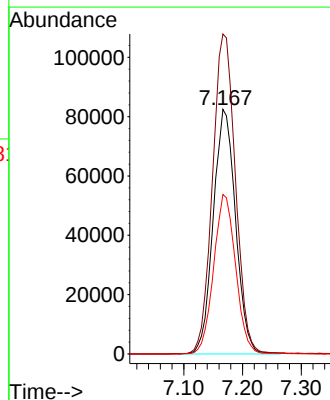
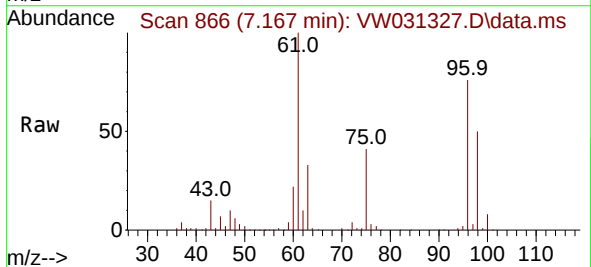
Instrument :
MSVOA_W
ClientSampleId :

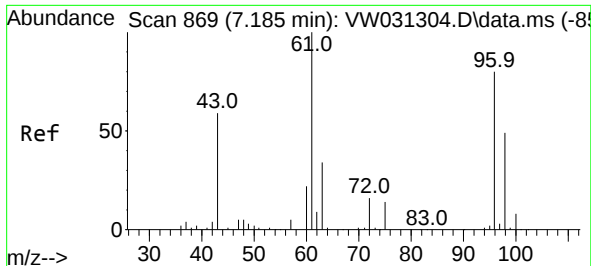
Tgt Ion: 63 Resp: 369313
Ion Ratio Lower Upper
63 100
65 32.1 21.9 40.7
83 13.8 9.3 17.3



#20
cis-1,2-Dichloroethene
Concen: 26.984 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 96 Resp: 218197
Ion Ratio Lower Upper
96 100
61 130.8 92.2 171.2
98 65.2 43.7 81.1

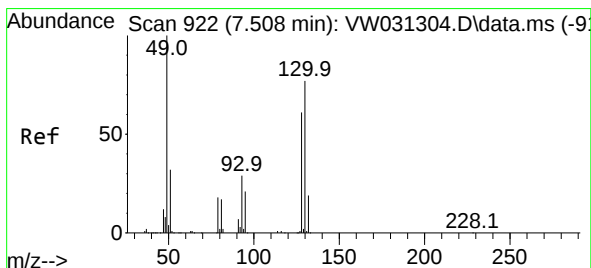
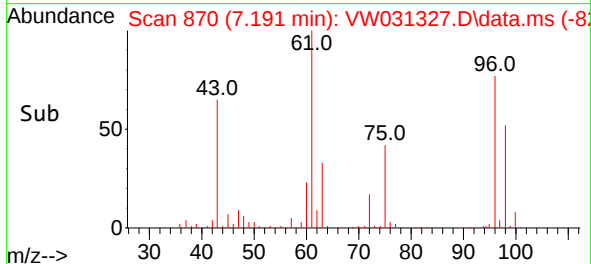
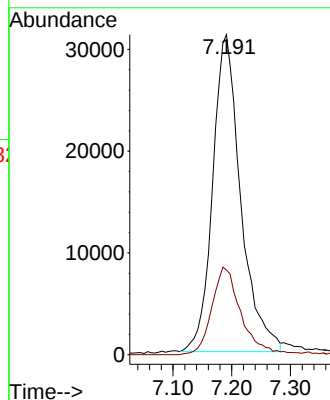
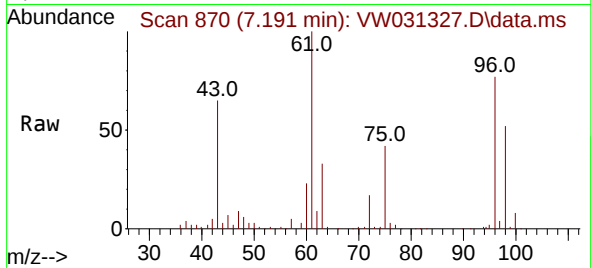




#22
2-Butanone
Concen: 38.175 ug/L
RT: 7.191 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

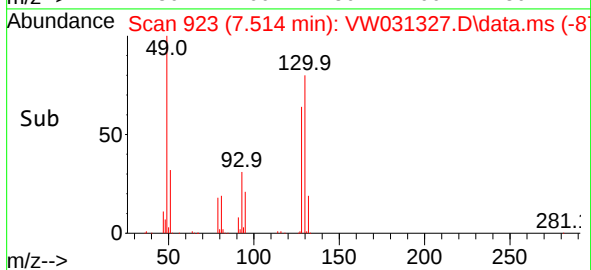
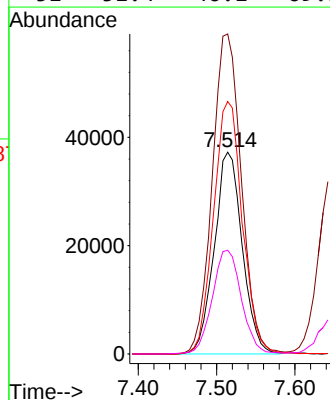
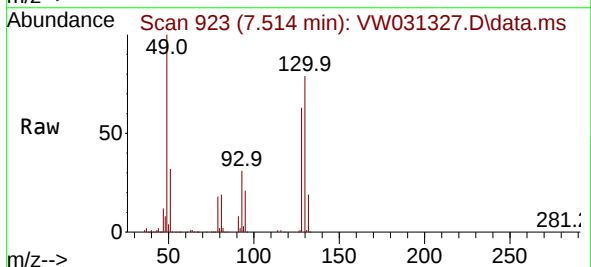
Instrument :
MSVOA_W
ClientSampleId :

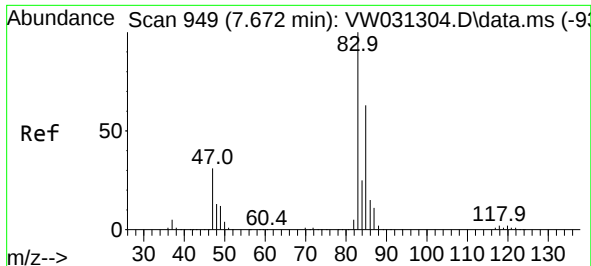
Tgt Ion: 43 Resp: 103234
Ion Ratio Lower Upper
43 100
72 28.6 13.3 39.8



#23
Bromochloromethane
Concen: 28.636 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion:128 Resp: 92349
Ion Ratio Lower Upper
128 100
49 158.6 123.7 229.7
130 125.1 90.3 167.7
51 51.4 46.1 69.1

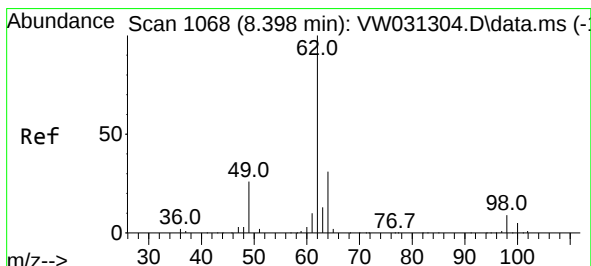
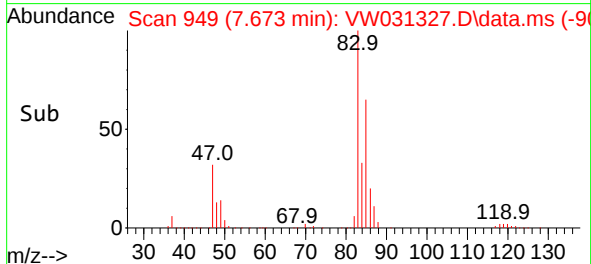
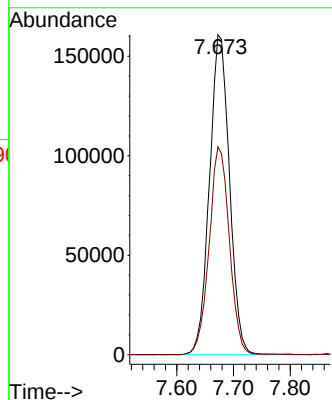
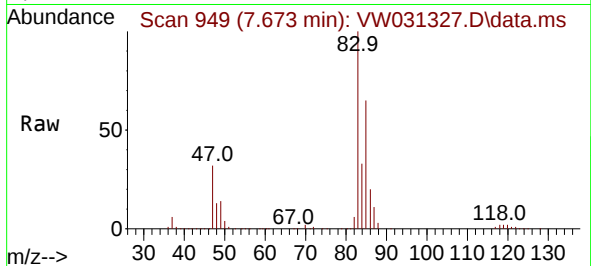




#25
Chloroform
Concen: 28.586 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

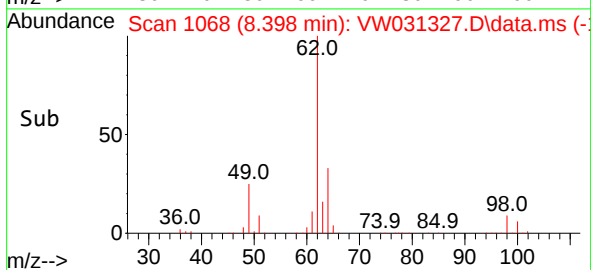
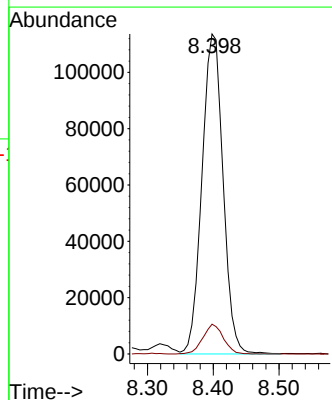
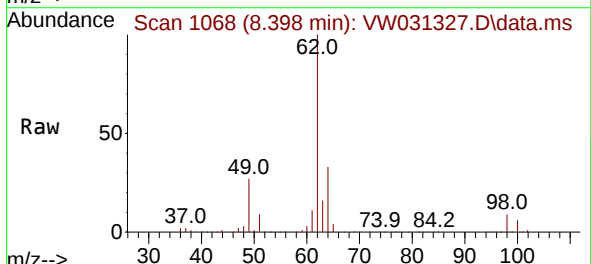
Instrument :
MSVOA_W
ClientSampleId :

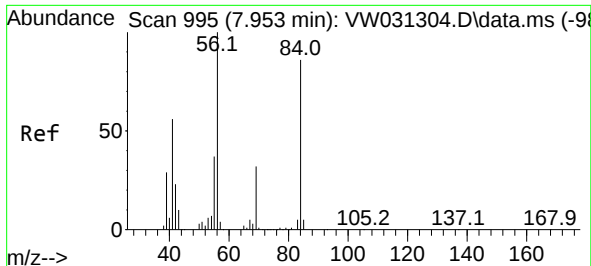
Tgt Ion: 83 Resp: 394016
Ion Ratio Lower Upper
83 100
85 65.0 46.1 85.5



#27
1,2-Dichloroethane
Concen: 29.285 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 62 Resp: 253772
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8





#29

Cyclohexane

Concen: 22.702 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

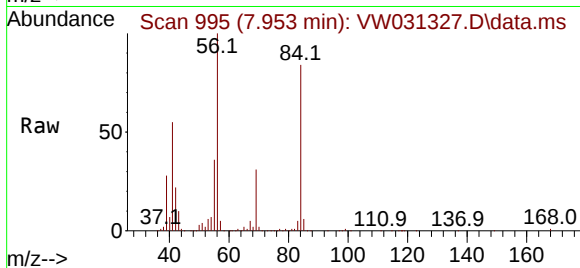
Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

ClientSampleId :



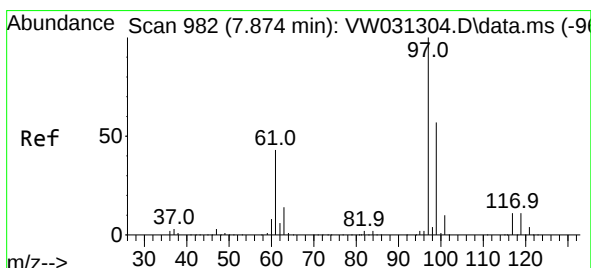
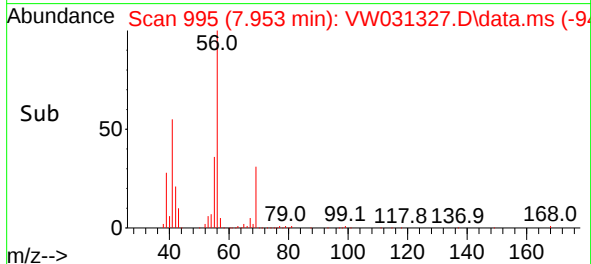
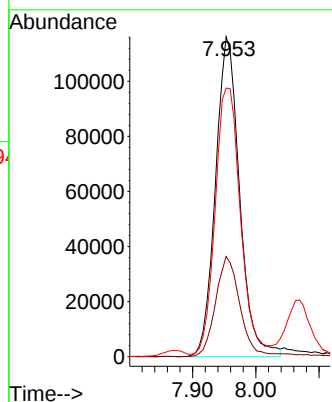
Tgt Ion: 56 Resp: 307530

Ion Ratio Lower Upper

56 100

69 31.2 25.0 37.4

84 87.0 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 24.436 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

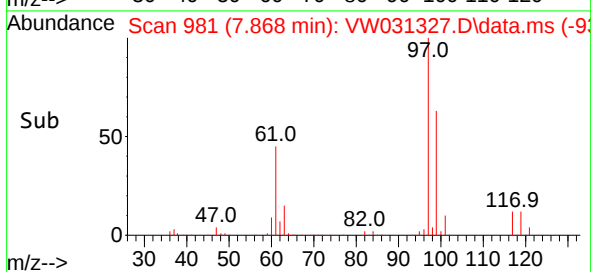
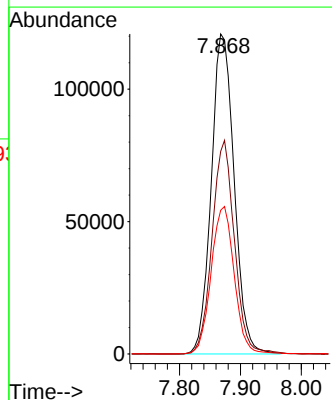
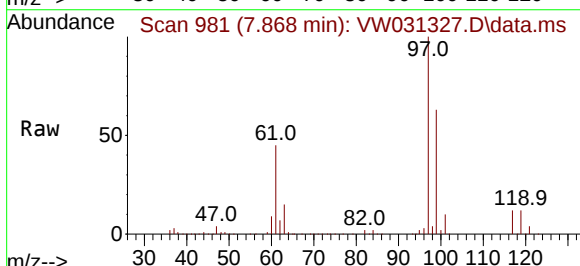
Tgt Ion: 97 Resp: 315486

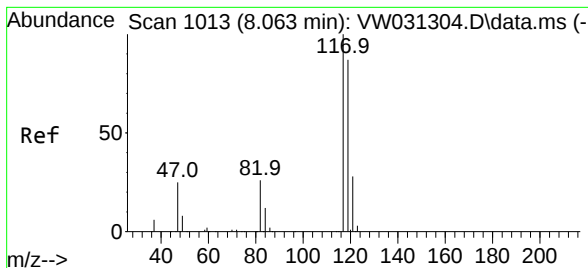
Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

61 46.5 36.3 54.5

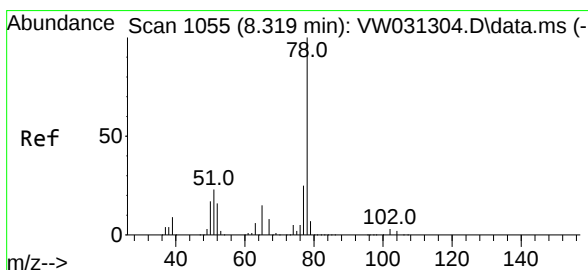
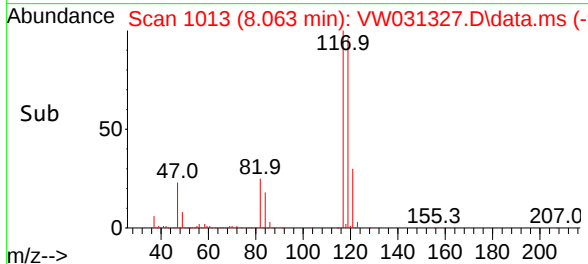
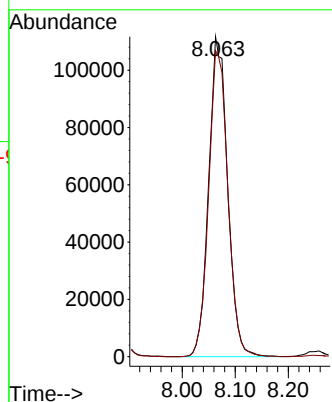
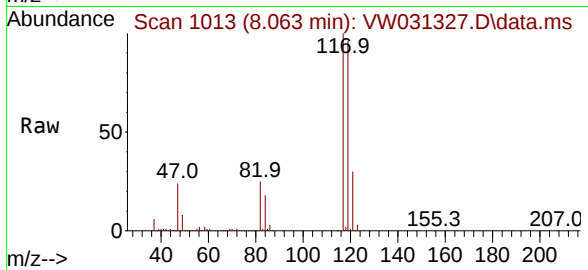




#31
Carbon tetrachloride
Concen: 24.079 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

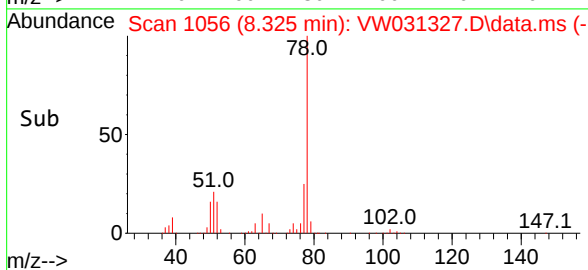
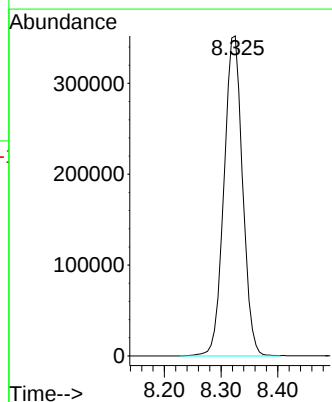
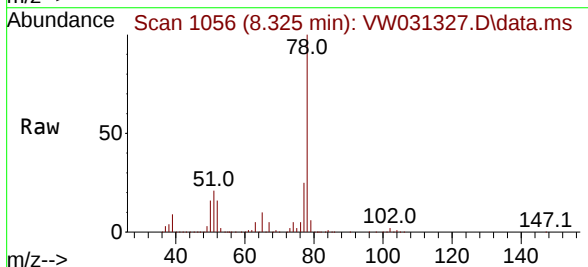
Instrument :
MSVOA_W
ClientSampleId :

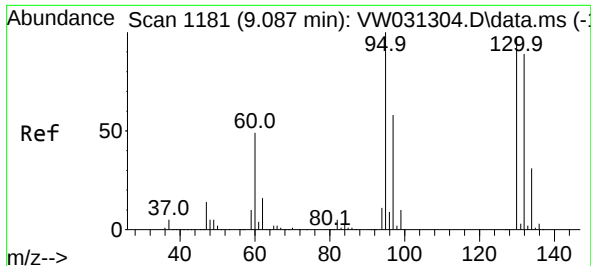
Tgt Ion:117 Resp: 276956
Ion Ratio Lower Upper
117 100
119 97.4 76.0 114.0



#33
Benzene
Concen: 25.949 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 78 Resp: 800992





#34

Trichloroethene

Concen: 24.971 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 217612

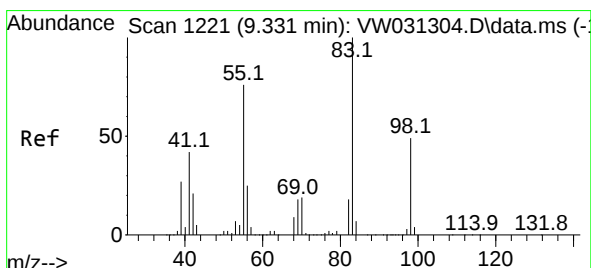
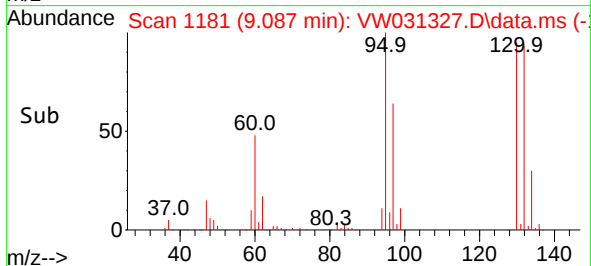
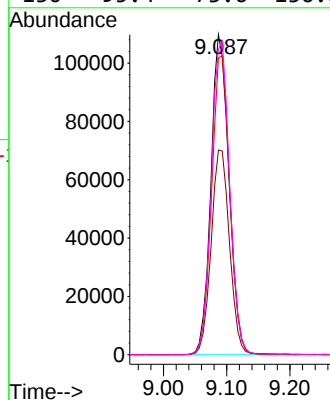
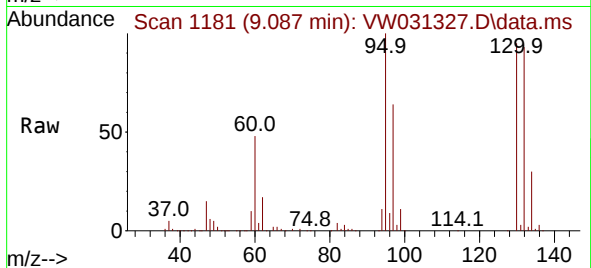
Ion Ratio Lower Upper

95 100

97 64.0 46.5 86.3

132 92.8 70.3 130.5

130 95.4 73.6 136.8



#35

Methylcyclohexane

Concen: 22.915 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

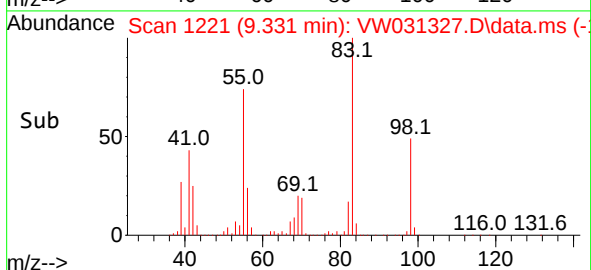
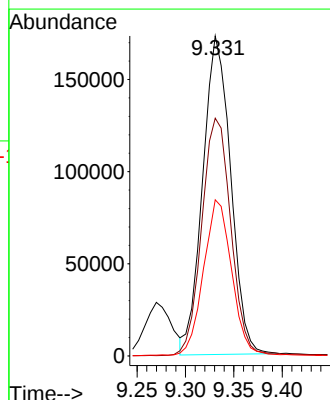
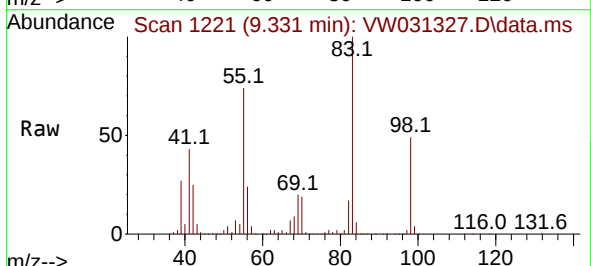
Tgt Ion: 83 Resp: 347773

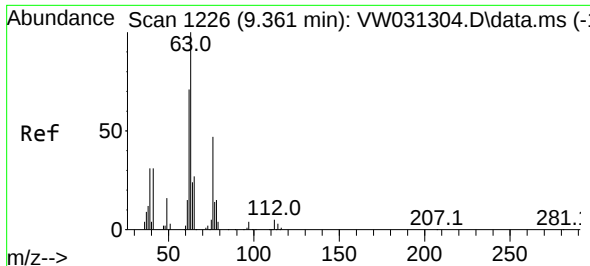
Ion Ratio Lower Upper

83 100

55 77.7 62.6 93.8

98 50.1 39.8 59.6





#37

1,2-Dichloropropane

Concen: 26.411 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

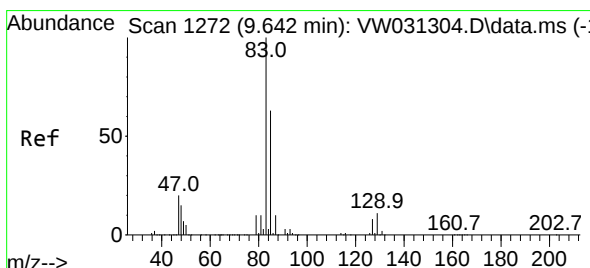
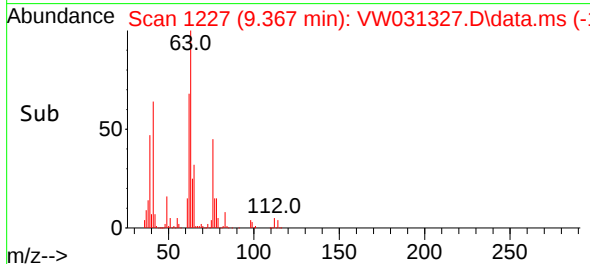
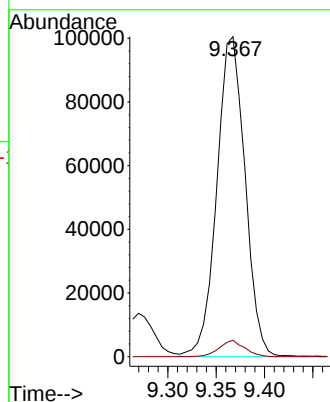
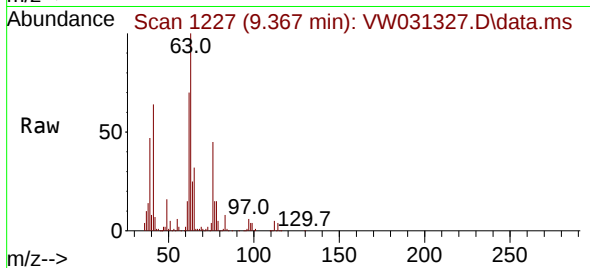
ClientSampleId :

Tgt Ion: 63 Resp: 203373

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.8



#38

Bromodichloromethane

Concen: 26.217 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

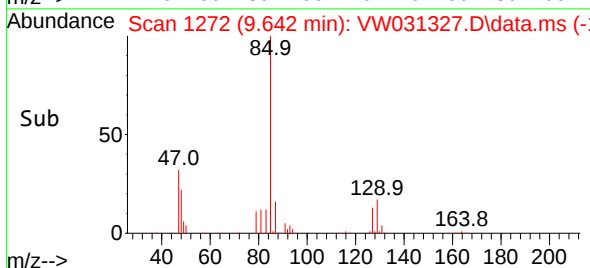
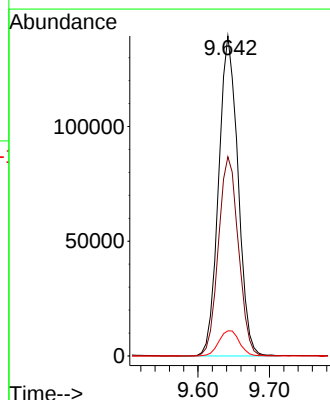
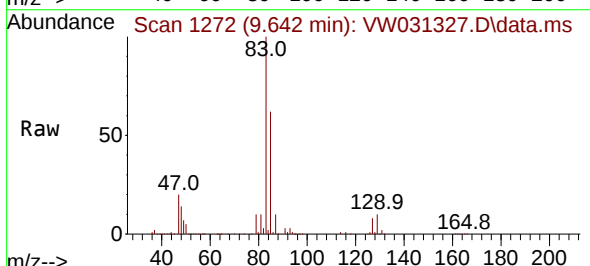
Tgt Ion: 83 Resp: 262452

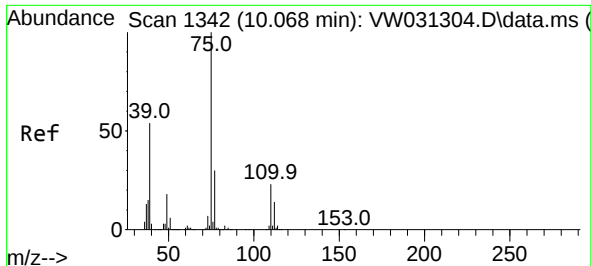
Ion Ratio Lower Upper

83 100

85 62.3 46.5 86.5

127 7.8 6.2 9.4

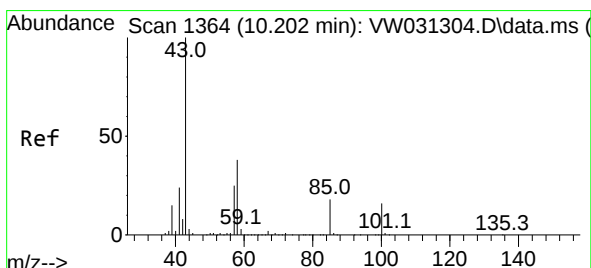
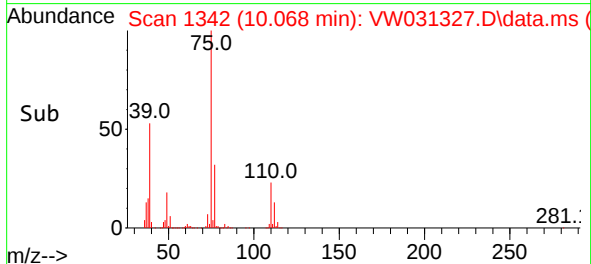
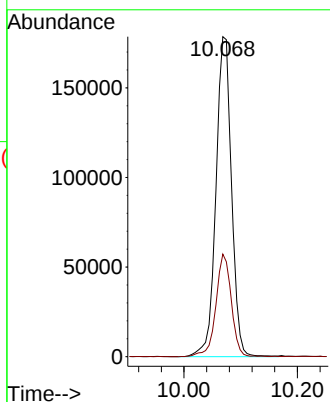
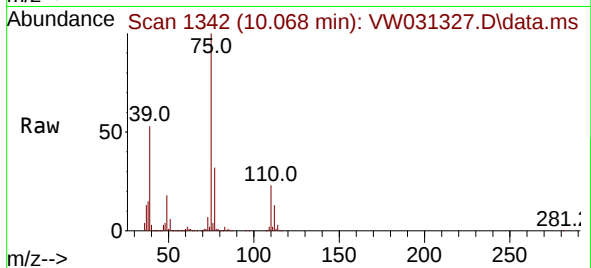




#39
 cis-1,3-Dichloropropene
 Concen: 26.170 ug/L
 RT: 10.068 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW031327.D
 Acq: 17 Dec 2024 19:01

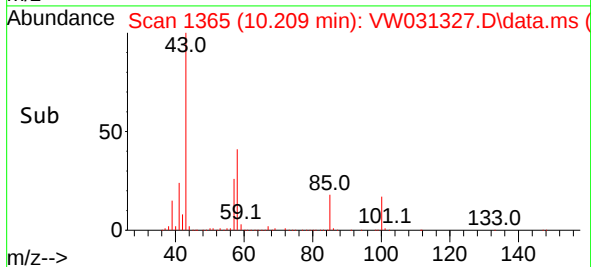
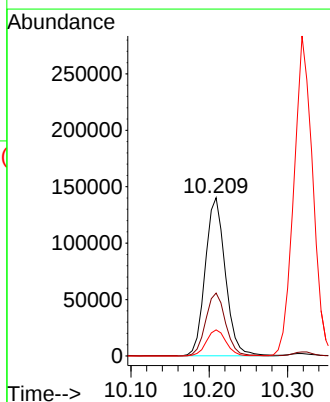
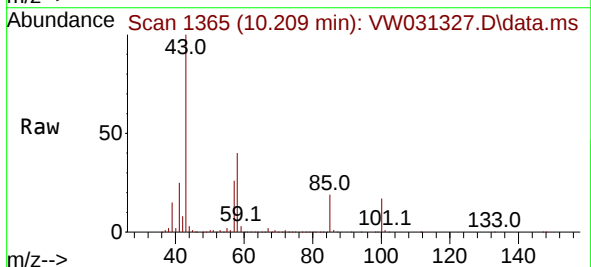
Instrument :
 MSVOA_W
 ClientSampleId :

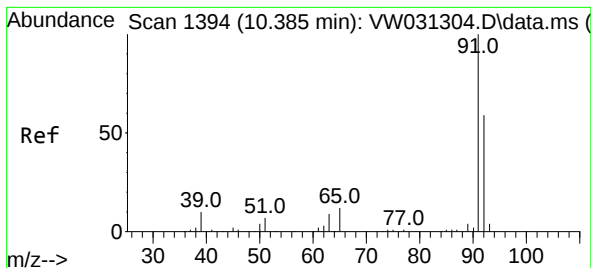
Tgt Ion: 75 Resp: 340537
 Ion Ratio Lower Upper
 75 100
 77 32.0 21.8 40.4



#40
 4-Methyl-2-pentanone
 Concen: 61.019 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.006 min
 Lab File: VW031327.D
 Acq: 17 Dec 2024 19:01

Tgt Ion: 43 Resp: 249287
 Ion Ratio Lower Upper
 43 100
 58 39.7 31.1 46.7
 100 16.3 13.0 19.6





#42

Toluene

Concen: 26.160 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

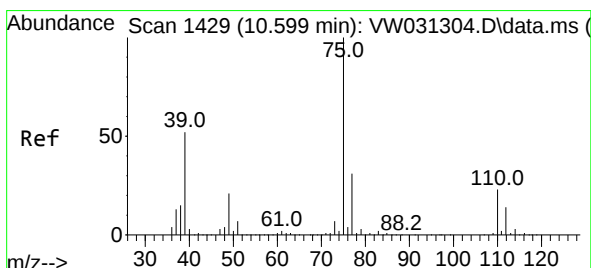
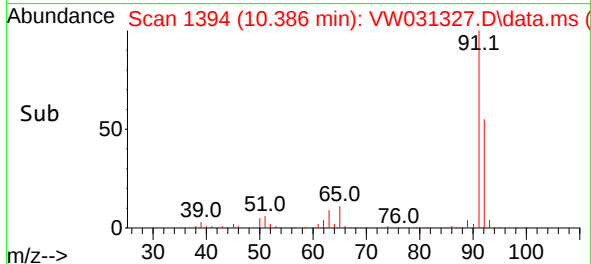
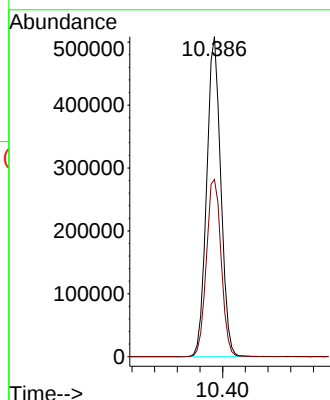
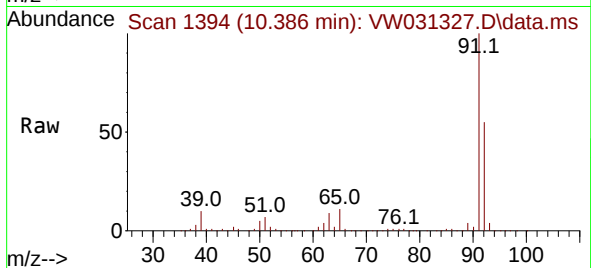
ClientSampleId :

Tgt Ion: 91 Resp: 879167

Ion Ratio Lower Upper

91 100

92 55.4 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 26.681 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VW031327.D

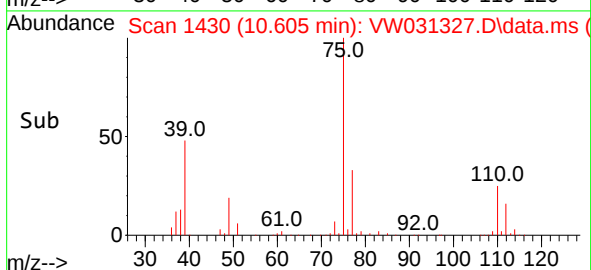
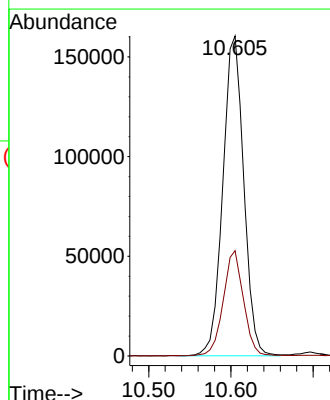
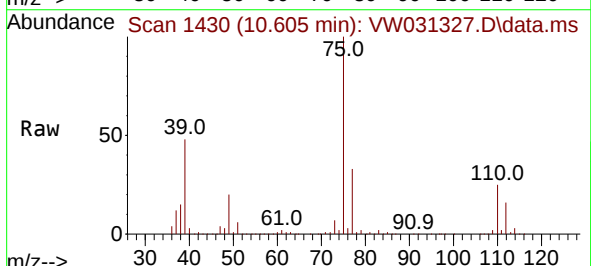
Acq: 17 Dec 2024 19:01

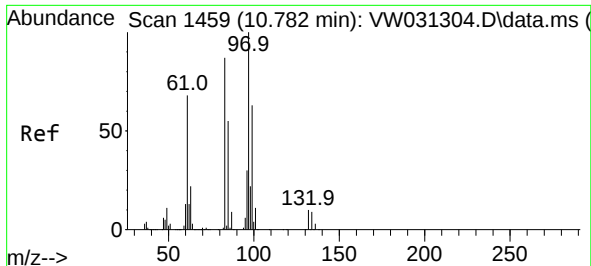
Tgt Ion: 75 Resp: 283482

Ion Ratio Lower Upper

75 100

77 32.9 21.2 39.4

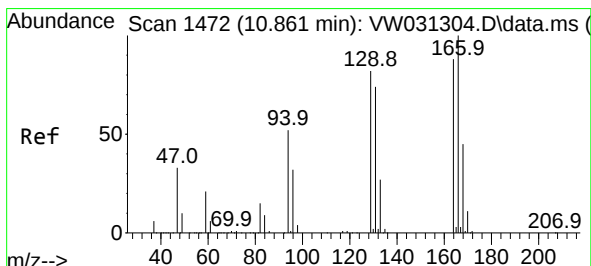
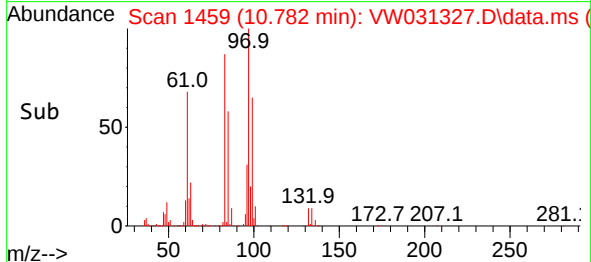
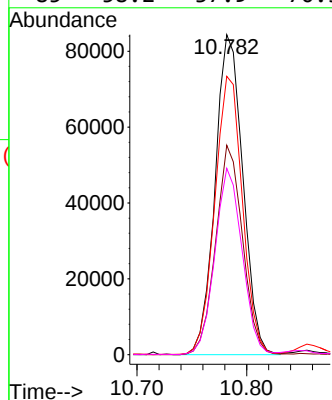
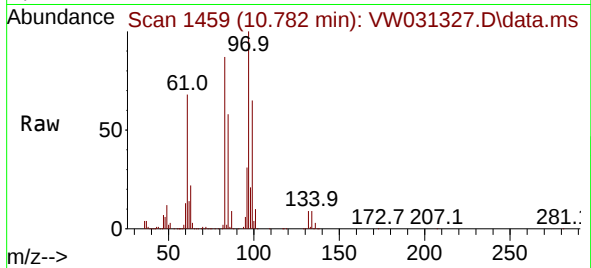




#45
1,1,2-Trichloroethane
Concen: 28.938 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

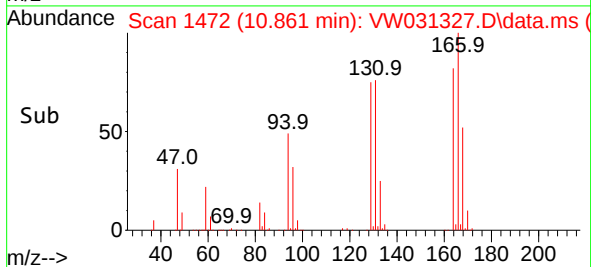
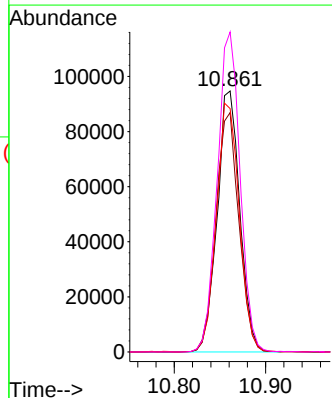
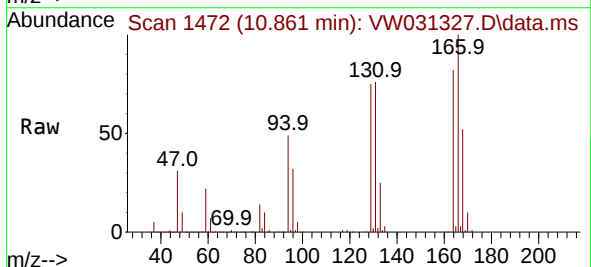
Instrument :
MSVOA_W
ClientSampleId :

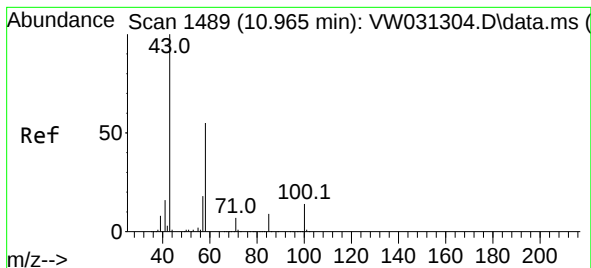
Tgt Ion:	97	Resp:	148217
Ion	Ratio	Lower	Upper
97	100		
99	65.5	43.0	80.0
83	87.0	56.4	104.7
85	58.2	37.9	70.3



#46
Tetrachloroethene
Concen: 25.614 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

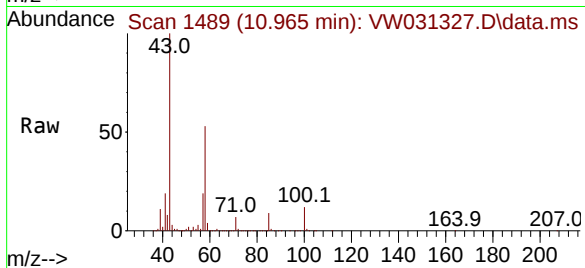
Tgt Ion:	164	Resp:	163506
Ion	Ratio	Lower	Upper
164	100		
129	91.7	73.5	136.5
131	93.3	66.6	123.8
166	122.6	92.7	172.3



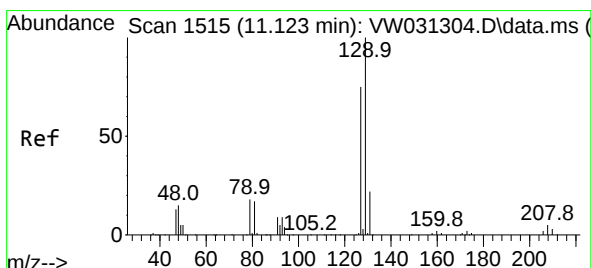
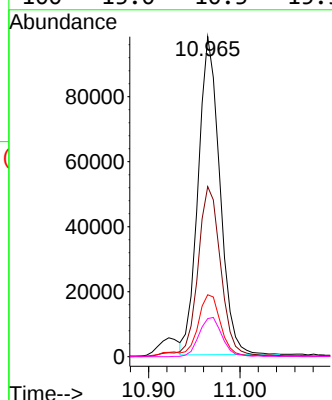
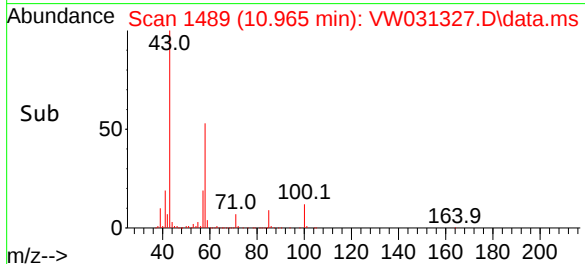


#48
2-Hexanone
Concen: 46.464 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Instrument :
MSVOA_W
ClientSampleId :

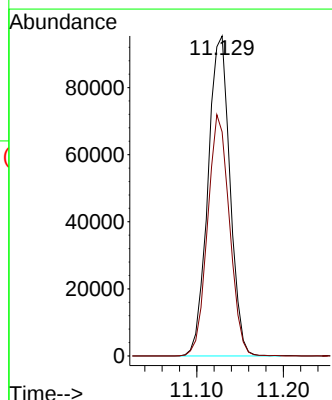
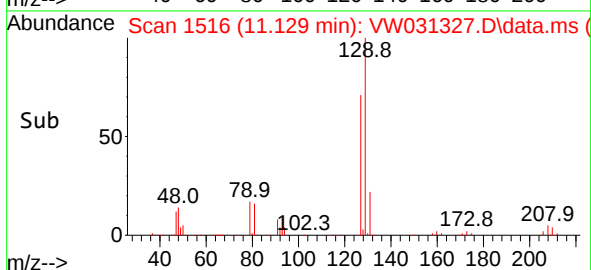
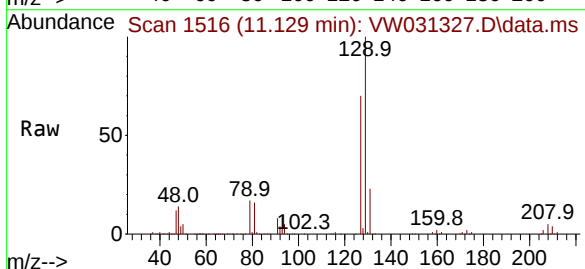


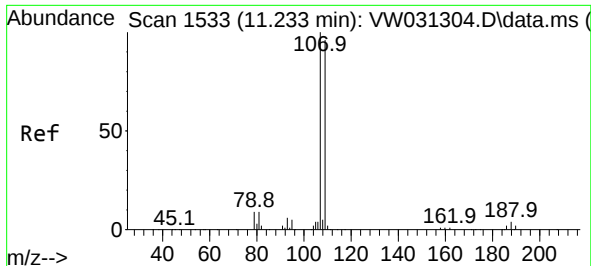
Tgt Ion: 43 Resp: 161446
Ion Ratio Lower Upper
43 100
58 55.0 43.0 64.6
57 19.9 15.7 23.5
100 13.0 10.3 15.5



#49
Dibromochloromethane
Concen: 27.752 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion: 129 Resp: 168495
Ion Ratio Lower Upper
129 100
127 70.0 57.6 107.0





#50

1,2-Dibromoethane

Concen: 30.123 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

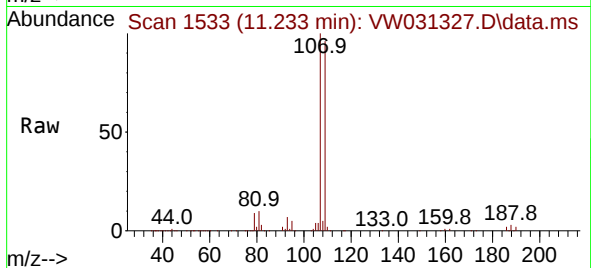
Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

ClientSampleId :



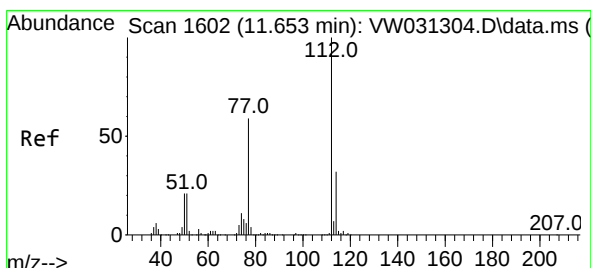
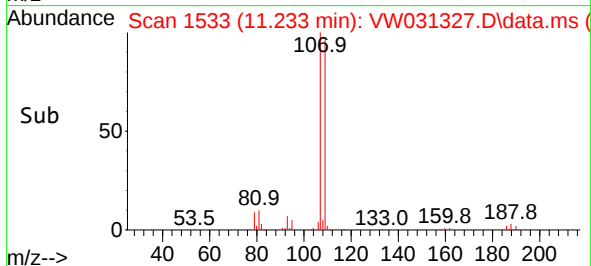
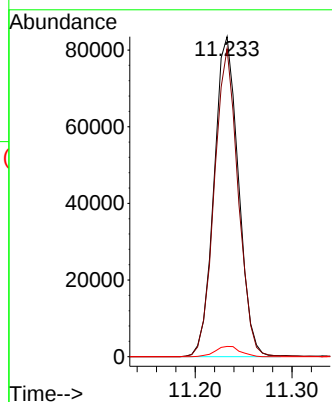
Tgt Ion:107 Resp: 146156

Ion Ratio Lower Upper

107 100

109 96.3 63.2 117.4

188 3.2 2.6 4.0



#51

Chlorobenzene

Concen: 26.847 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

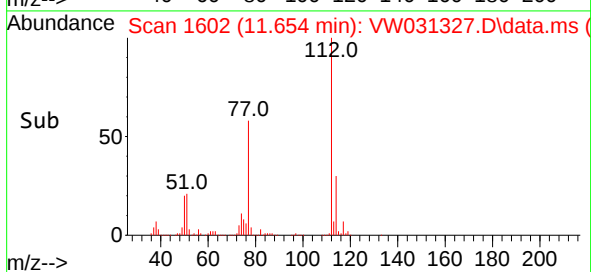
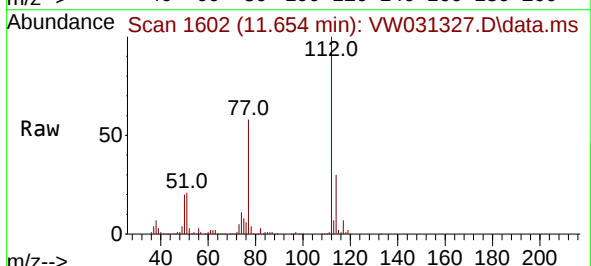
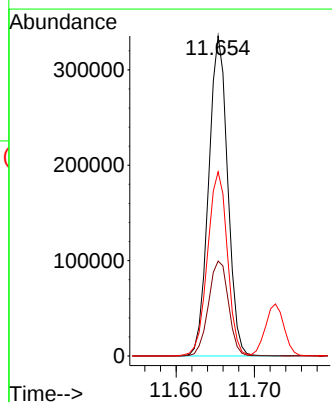
Tgt Ion:112 Resp: 565707

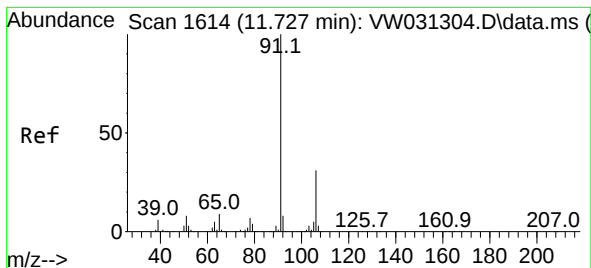
Ion Ratio Lower Upper

112 100

114 29.6 22.7 42.3

77 57.5 50.2 75.4

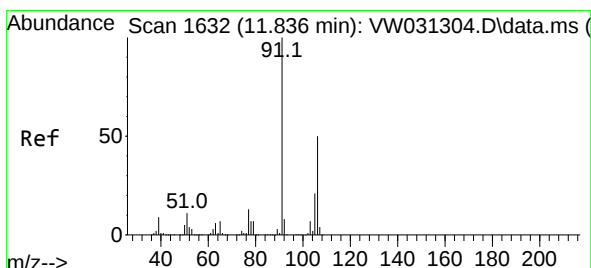
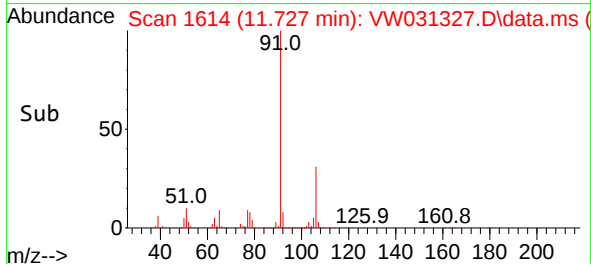
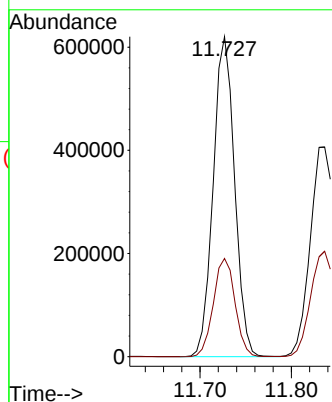
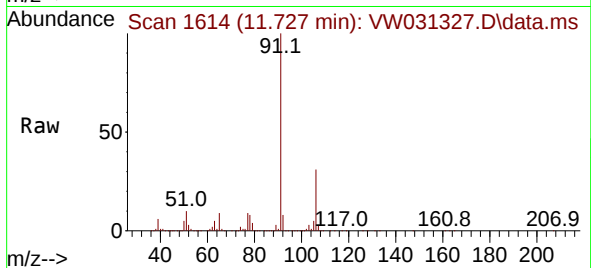




#52
Ethylbenzene
Concen: 25.863 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

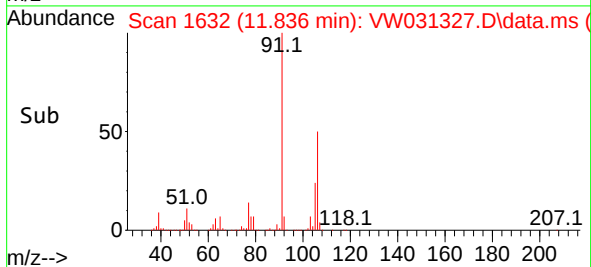
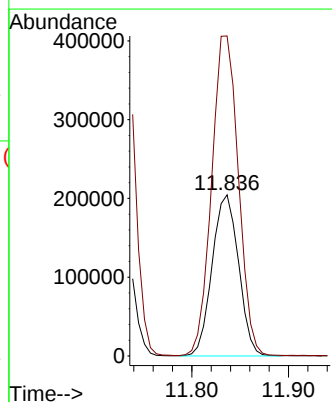
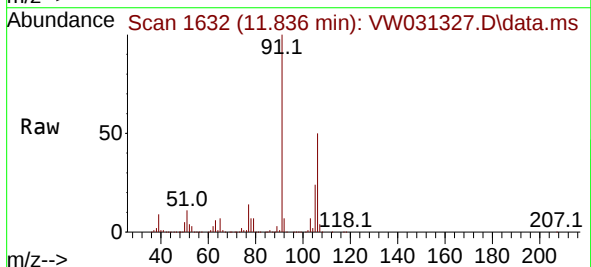
Instrument :
MSVOA_W
ClientSampleId :

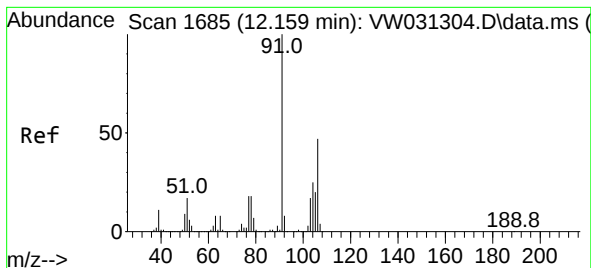
Tgt Ion: 91 Resp: 1007363
Ion Ratio Lower Upper
91 100
106 30.7 20.7 38.5



#53
m,p-Xylene
Concen: 26.183 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion:106 Resp: 388241
Ion Ratio Lower Upper
106 100
91 198.6 139.9 259.7





#54

o-Xylene

Concen: 25.850 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

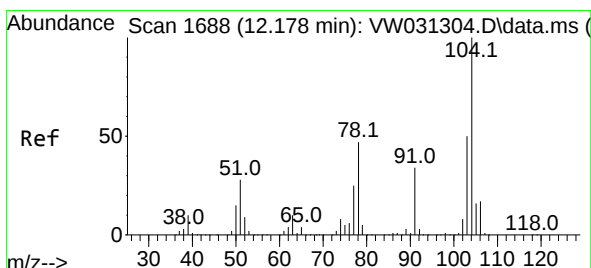
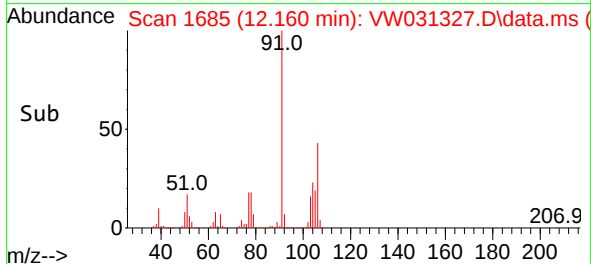
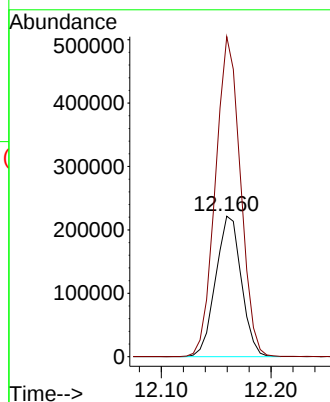
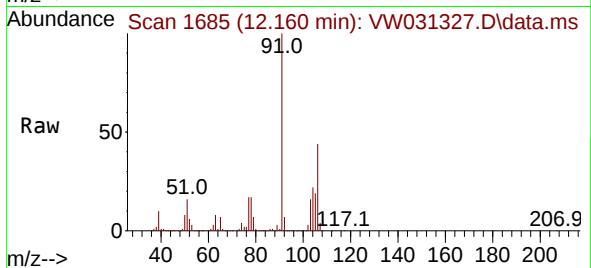
ClientSampleId :

Tgt Ion:106 Resp: 361237

Ion Ratio Lower Upper

106 100

91 227.7 153.1 284.3



#55

Styrene

Concen: 26.640 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031327.D

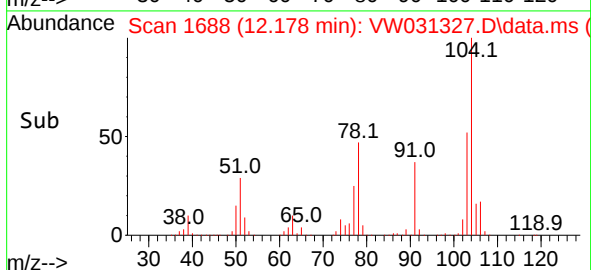
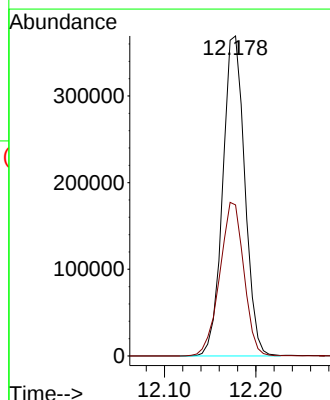
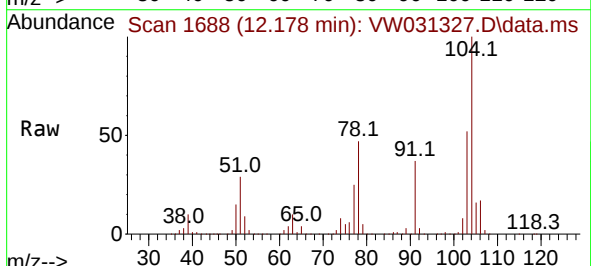
Acq: 17 Dec 2024 19:01

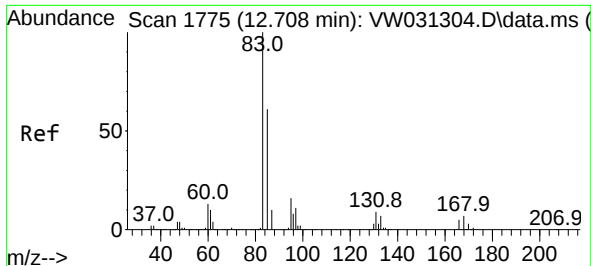
Tgt Ion:104 Resp: 619237

Ion Ratio Lower Upper

104 100

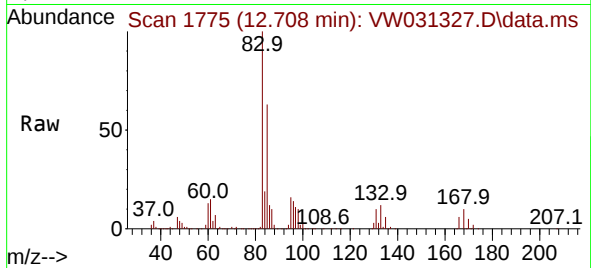
78 47.2 31.4 58.4



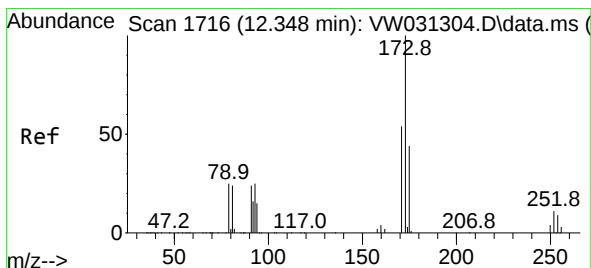
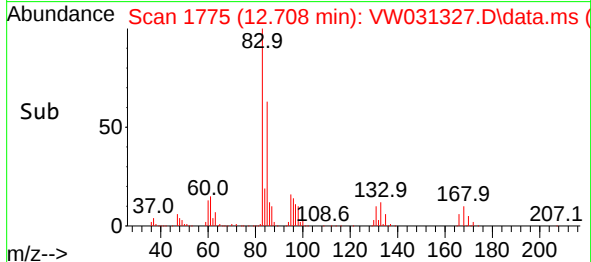
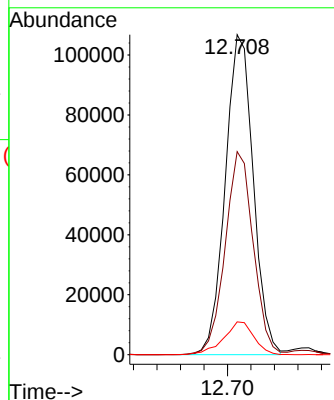


#57
1,1,2,2-Tetrachloroethane
Concen: 32.023 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Instrument :
MSVOA_W
ClientSampleId :

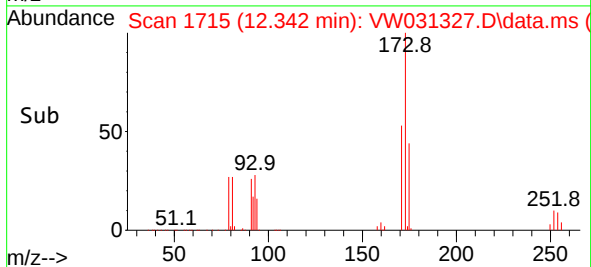
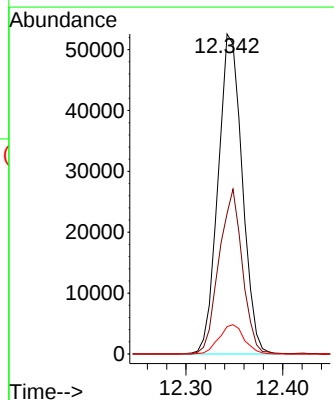
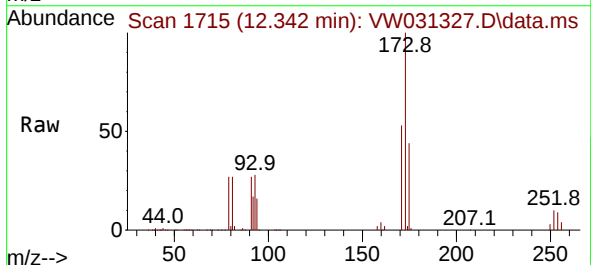


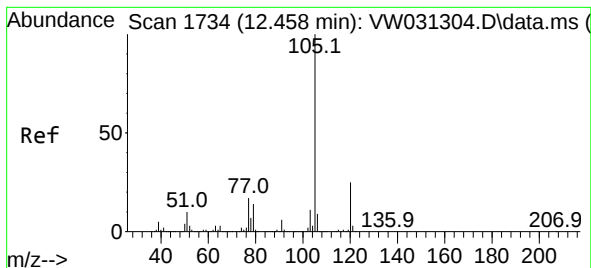
Tgt Ion: 83 Resp: 176816
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
131 10.3 7.9 11.9



#59
Bromoform
Concen: 25.359 ug/L
RT: 12.342 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

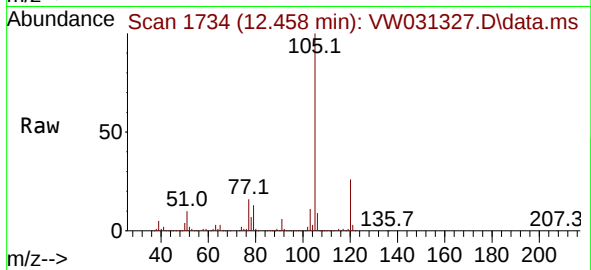
Tgt Ion: 173 Resp: 90978
Ion Ratio Lower Upper
173 100
175 49.7 38.6 57.8
254 9.5 7.6 11.4



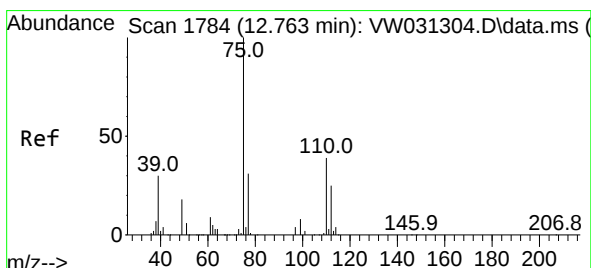
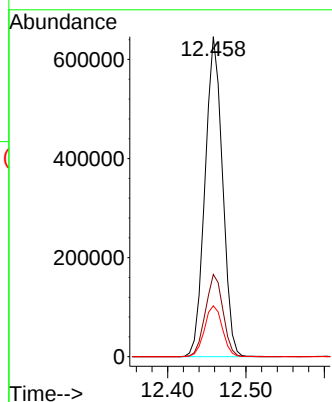
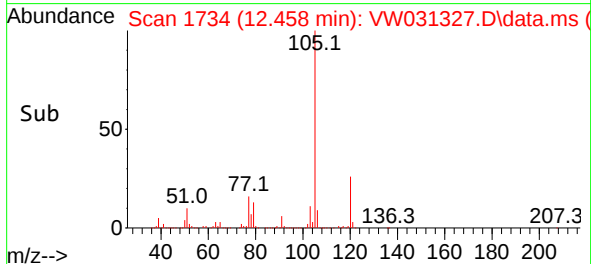


#60
Isopropylbenzene
Concen: 23.960 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

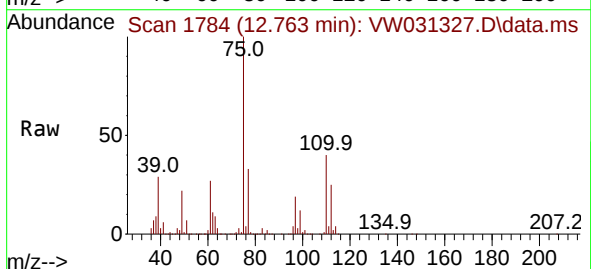
Instrument :
MSVOA_W
ClientSampleId :



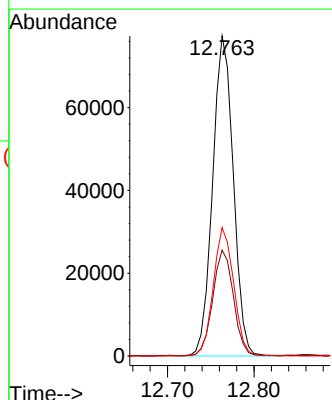
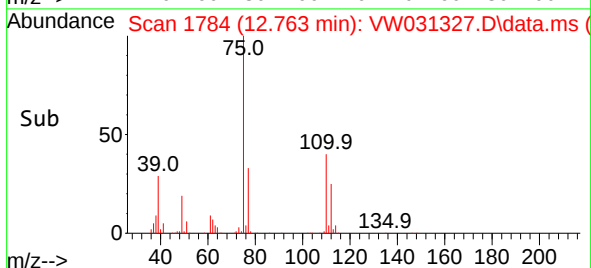
Tgt Ion:105 Resp: 1001360
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0
77 16.2 12.8 19.2

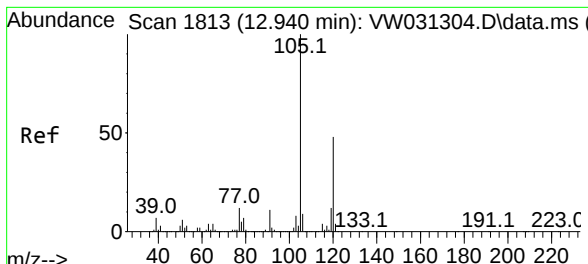


#61
1,2,3-Trichloropropane
Concen: 29.336 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01



Tgt Ion: 75 Resp: 128196
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
110 39.5 31.2 46.8



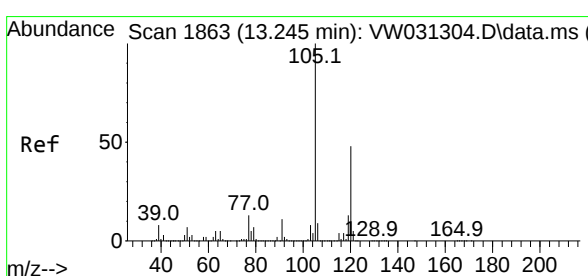
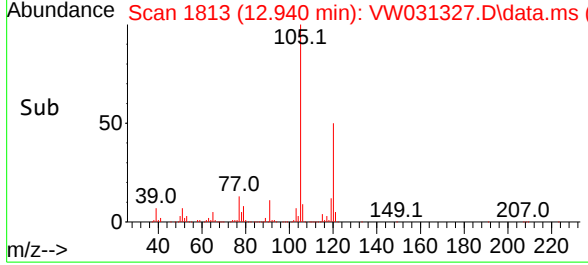
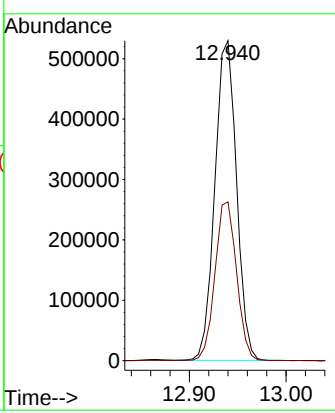
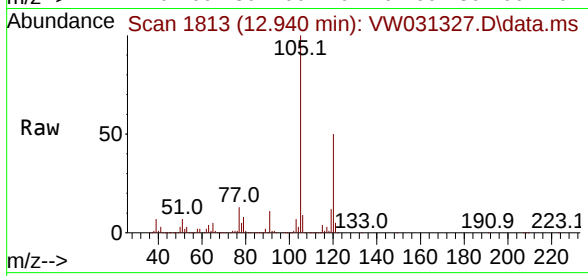


#62
 1,3,5-Trimethylbenzene
 Concen: 23.185 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031327.D
 Acq: 17 Dec 2024 19:01

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 821482

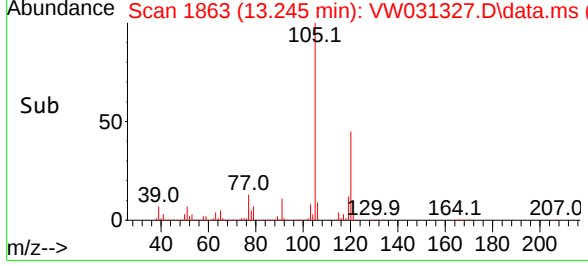
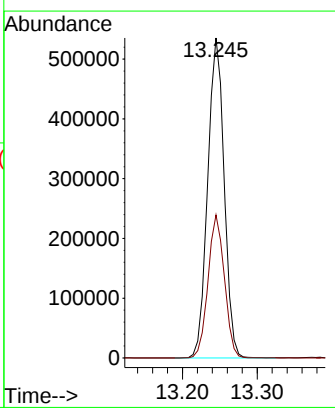
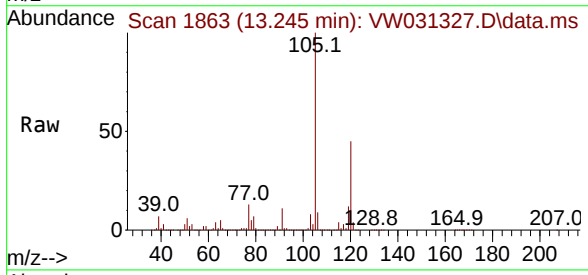
Ion	Ratio	Lower	Upper
105	100		
120	49.7	37.3	55.9

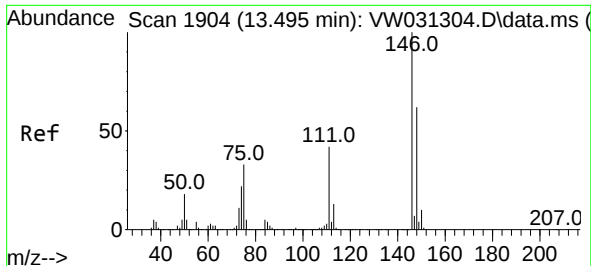


#63
 1,2,4-Trimethylbenzene
 Concen: 23.924 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031327.D
 Acq: 17 Dec 2024 19:01

Tgt Ion:105 Resp: 819300

Ion	Ratio	Lower	Upper
105	100		
120	44.4	35.0	52.4

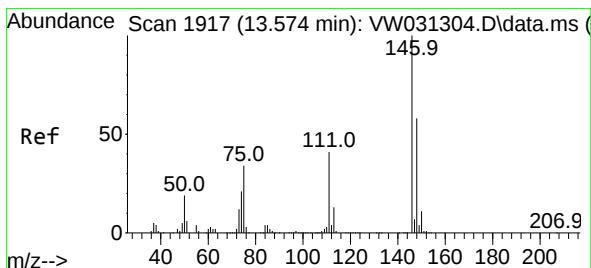
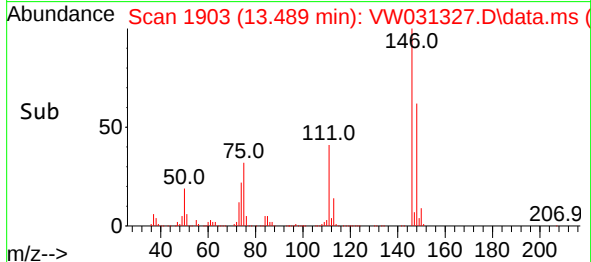
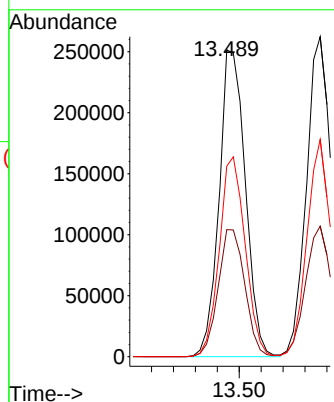
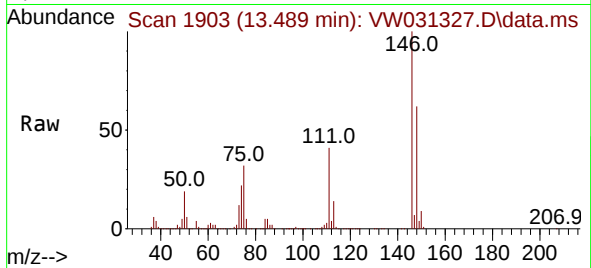




#64
1,3-Dichlorobenzene
Concen: 24.712 ug/L
RT: 13.489 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

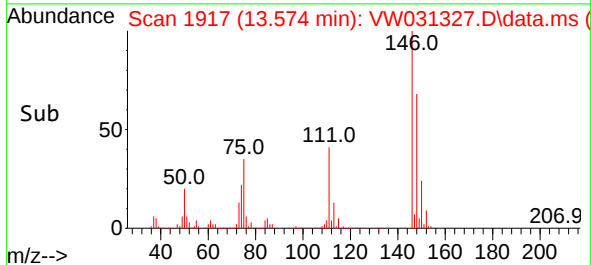
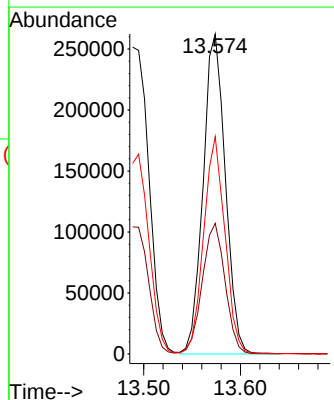
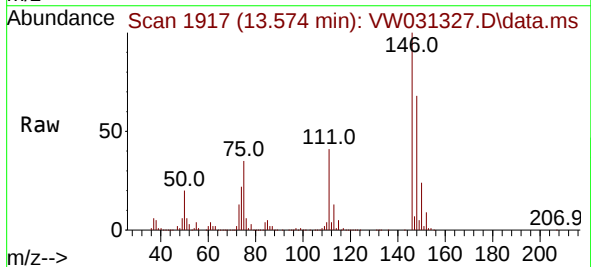
Instrument :
MSVOA_W
ClientSampleId :

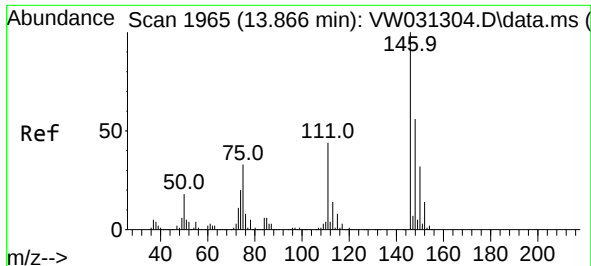
Tgt Ion:146 Resp: 418425
Ion Ratio Lower Upper
146 100
111 41.4 27.6 51.2
148 62.1 41.0 76.2



#65
1,4-Dichlorobenzene
Concen: 25.047 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW031327.D
Acq: 17 Dec 2024 19:01

Tgt Ion:146 Resp: 420212
Ion Ratio Lower Upper
146 100
111 40.8 30.7 56.9
148 67.9 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 25.583 ug/L

RT: 13.860 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

ClientSampleId :

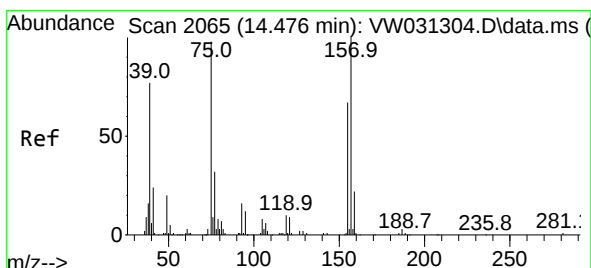
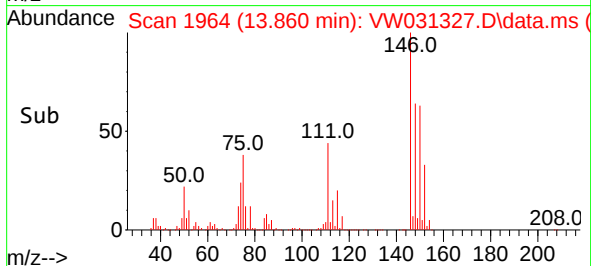
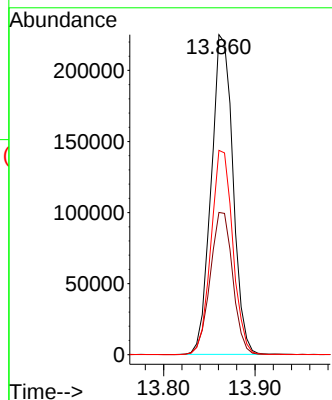
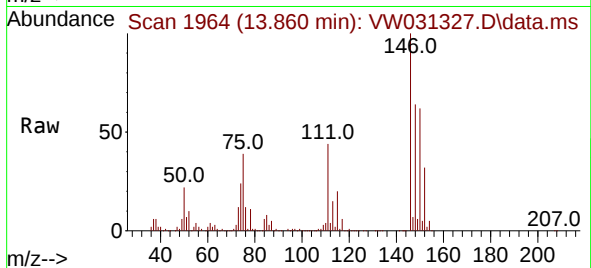
Tgt Ion:146 Resp: 373243

Ion Ratio Lower Upper

146 100

111 44.5 38.6 58.0

148 63.9 53.6 80.4



#68

1,2-Dibromo-3-chloropropane

Concen: 27.386 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

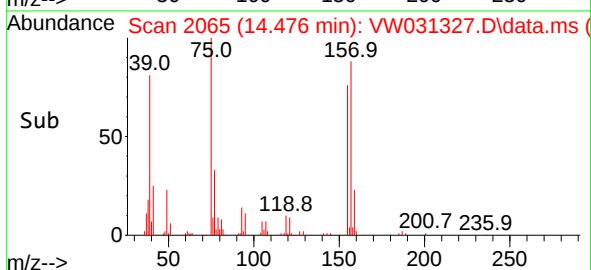
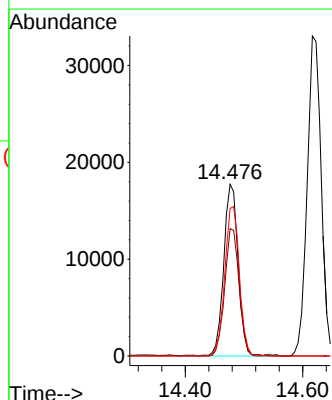
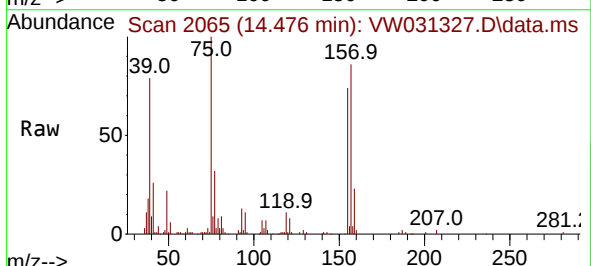
Tgt Ion: 75 Resp: 30370

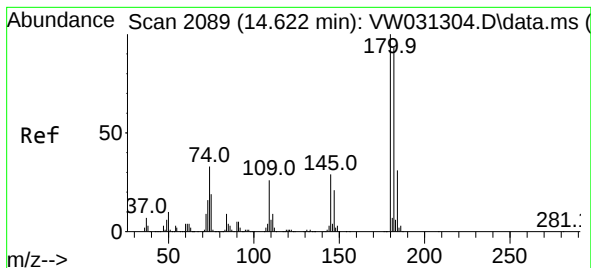
Ion Ratio Lower Upper

75 100

155 74.2 56.6 85.0

157 85.9 71.2 106.8





#69

1,3,5-Trichlorobenzene

Concen: 23.881 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

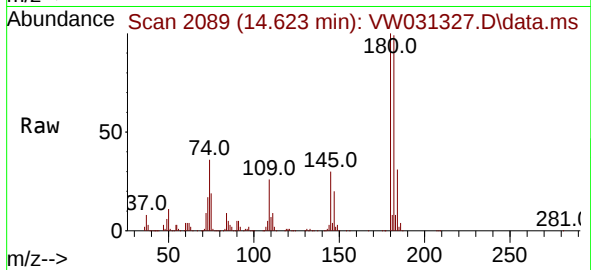
Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 283198

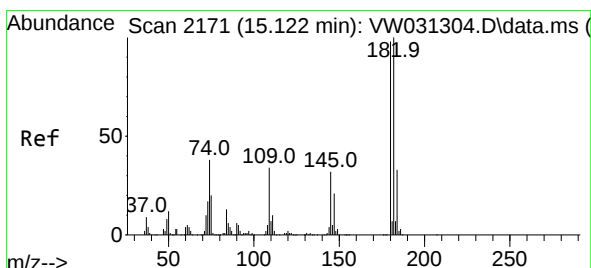
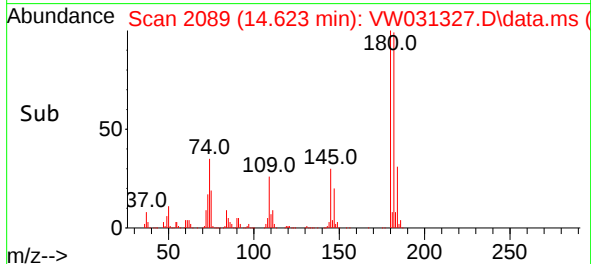
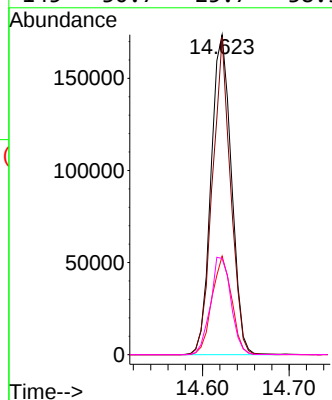
Ion Ratio Lower Upper

180 100

182 88.5 75.0 112.4

184 29.8 24.6 36.8

145 30.7 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.050 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

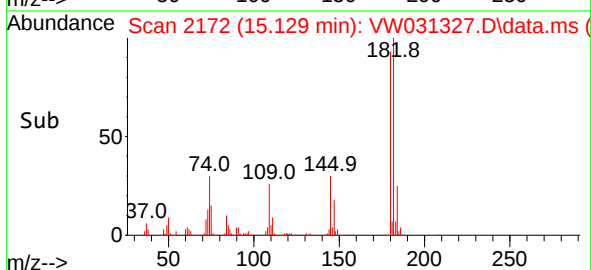
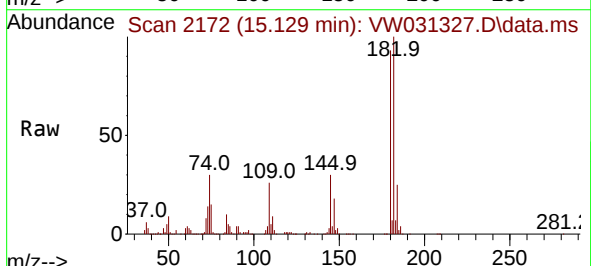
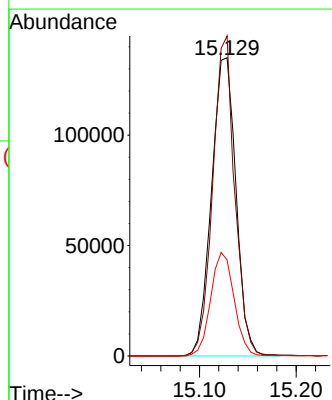
Tgt Ion:180 Resp: 237242

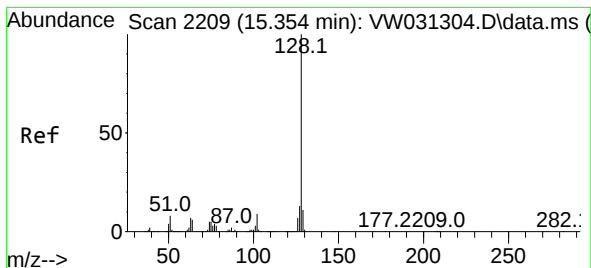
Ion Ratio Lower Upper

180 100

182 96.3 78.2 117.2

145 33.3 26.7 40.1





#71

Naphthalene

Concen: 28.482 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Instrument :

MSVOA_W

ClientSampleId :

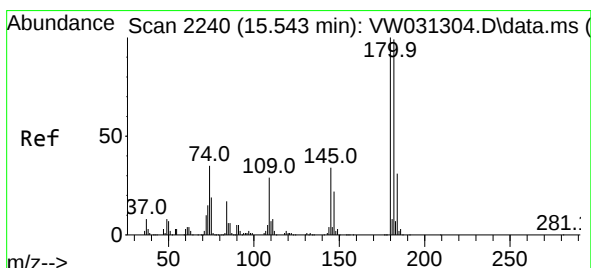
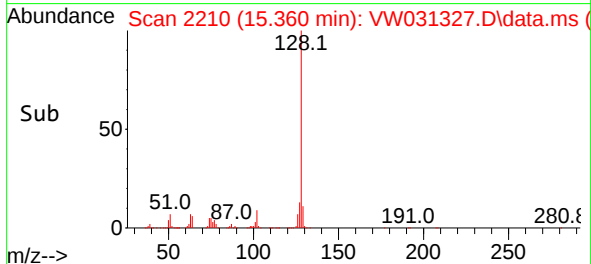
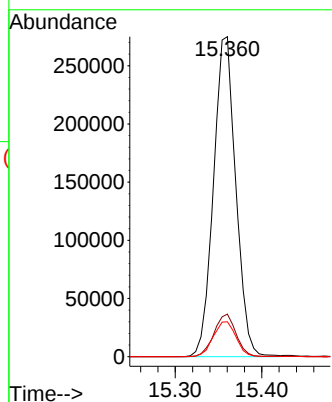
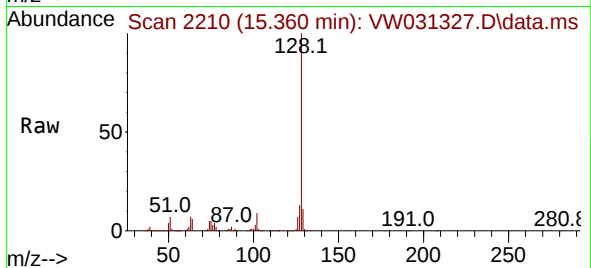
Tgt Ion:128 Resp: 492596

Ion Ratio Lower Upper

128 100

127 13.2 10.7 16.1

129 11.2 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 26.111 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. 0.000 min

Lab File: VW031327.D

Acq: 17 Dec 2024 19:01

Tgt Ion:180 Resp: 207528

Ion Ratio Lower Upper

180 100

182 97.9 75.0 112.4

145 34.2 27.8 41.6

