

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027402.D
 Acq On : 23 Oct 2023 18:02
 Operator : SY/MD
 Sample : 04961-10MSD
 Misc : 5.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 24 00:51:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	458583	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258406	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	49683	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	218214	31.179	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 124.720%	
7) Chloroethane-d5	2.899	69	177724	35.366	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 141.480%	
11) 1,1-Dichloroethene-d2	4.015	65	101133	28.839	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 115.360%#	
21) 2-Butanone-d5	7.075	46	141026	60.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.240%	
24) Chloroform-d	7.648	84	426899	31.233	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 124.920%	
26) 1,2-Dichloroethane-d4	8.307	65	216484	29.485	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 117.960%	
32) Benzene-d6	8.276	84	826473	47.273	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 189.080%#	
36) 1,2-Dichloropropane-d6	9.270	67	266333	49.875	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 199.520%#	
41) Toluene-d8	10.319	98	551840	34.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 139.240%#	
43) trans-1,3-Dichloroprop...	10.575	79	70742	29.056	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 116.240%	
47) 2-Hexanone-d5	10.922	63	93280	84.430	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 168.860%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	162918	40.892	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 163.560%#	
66) 1,2-Dichlorobenzene-d4	13.849	152	60932	33.843	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 135.360%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	110726	20.293	ug/L	# 78
3) Chloromethane	2.223	50	181999	29.025	ug/L	99
5) Vinyl chloride	2.375	62	192867	27.536	ug/L	95
6) Bromomethane	2.790	94	104061	26.084	ug/L	99
8) Chloroethane	2.930	64	111313	27.609	ug/L	95
9) Trichlorofluoromethane	3.271	101	146361	29.619	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	150241	24.280	ug/L	97
12) 1,1-Dichloroethene	4.039	96	146258	24.322	ug/L	90
13) Acetone	4.119	43	116684	58.076	ug/L	96
14) Carbon disulfide	4.387	76	403961	21.669	ug/L	98
15) Methyl Acetate	4.667	43	82880	24.152	ug/L	98
16) Methylene chloride	4.917	84	184501	21.979	ug/L	95
17) trans-1,2-Dichloroethene	5.423	96	173460	26.840	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	304130	27.276	ug/L	100
19) 1,1-Dichloroethane	6.222	63	386156	29.286	ug/L	96
20) cis-1,2-Dichloroethene	7.167	96	493876	67.670	ug/L	94
22) 2-Butanone	7.167	43	132611	44.096	ug/L	97
23) Bromochloromethane	7.514	128	71630	23.772	ug/L	88
25) Chloroform	7.679	83	313179	25.378	ug/L	97

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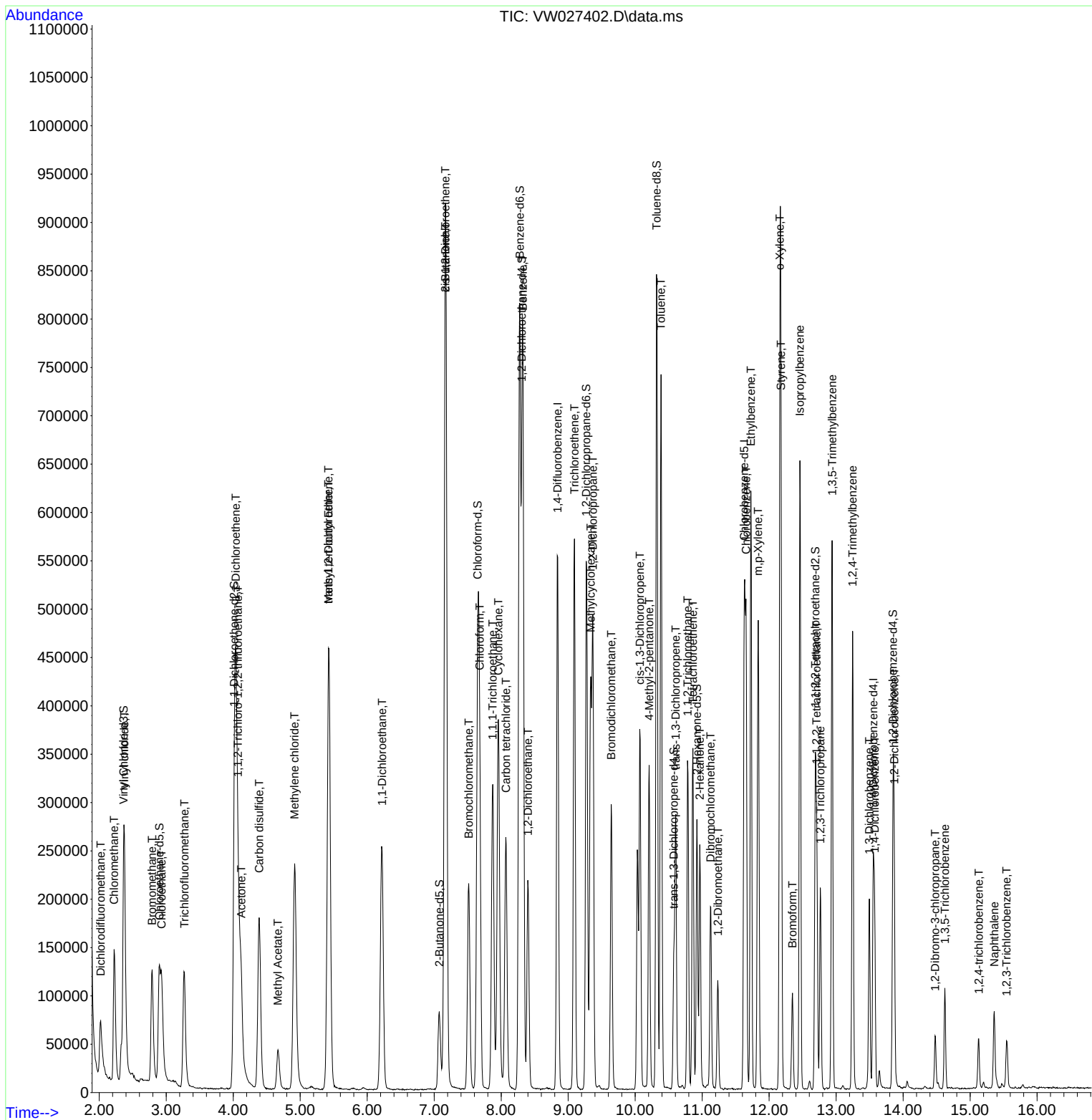
Instrument :
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 ClientSampleId :

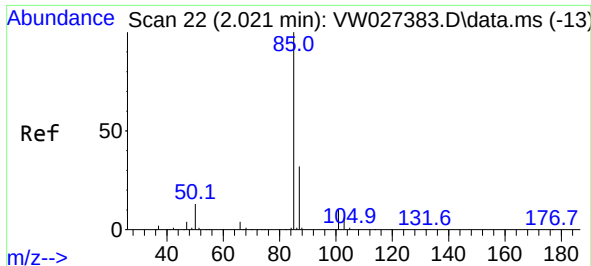
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 Quant Title : SFAM01.0
 QLast Update : Sat Oct 21 04:25:20 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	196796	23.476	ug/L	98
29) Cyclohexane	7.959	56	240043	30.595	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	259730	41.205	ug/L	98
31) Carbon tetrachloride	8.069	117	195716	34.435	ug/L	100
33) Benzene	8.325	78	647373	38.334	ug/L	100
34) Trichloroethene	9.093	95	203358	45.587	ug/L	97
35) Methylcyclohexane	9.337	83	165604	20.759	ug/L	98
37) 1,2-Dichloropropane	9.368	63	183454	40.176	ug/L	99
38) Bromodichloromethane	9.642	83	197515	35.178	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	218937	29.025	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	231664	73.772	ug/L	98
42) Toluene	10.386	91	521208	29.420	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	152311	23.931	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	105438	33.555	ug/L	93
46) Tetrachloroethene	10.861	164	75113	24.386	ug/L	94
48) 2-Hexanone	10.965	43	162147	69.763	ug/L	98
49) Dibromochloromethane	11.123	129	96954	27.784	ug/L	96
50) 1,2-Dibromoethane	11.233	107	76710	25.180	ug/L	99
51) Chlorobenzene	11.654	112	234305	21.120	ug/L	98
52) Ethylbenzene	11.727	91	424778	20.633	ug/L	95
53) m,p-Xylene	11.837	106	150146	19.229	ug/L	97
54) o-Xylene	12.160	106	185902	24.862	ug/L	97
55) Styrene	12.178	104	214396	16.789	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.709	83	116421	30.351	ug/L	94
59) Bromoform	12.349	173	42986	58.145	ug/L	97
60) Isopropylbenzene	12.459	105	411546	52.729	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	85337	78.665	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	302792	46.509	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	248523	39.015	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	69944	22.099	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	62294	19.709	ug/L	89
67) 1,2-Dichlorobenzene	13.867	146	77035	27.429	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	15727	58.007	ug/L	99
69) 1,3,5-Trichlorobenzene	14.623	180	28489	13.866	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	13983	7.996	ug/L	94
71) Naphthalene	15.360	128	65959	18.341	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	15973	11.108	ug/L	88

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

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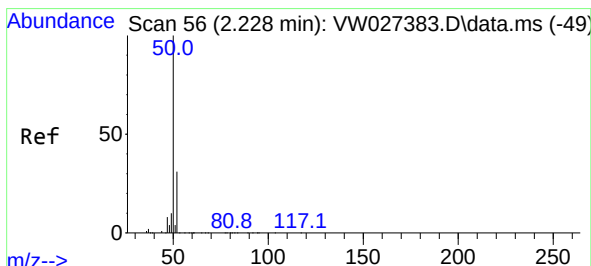
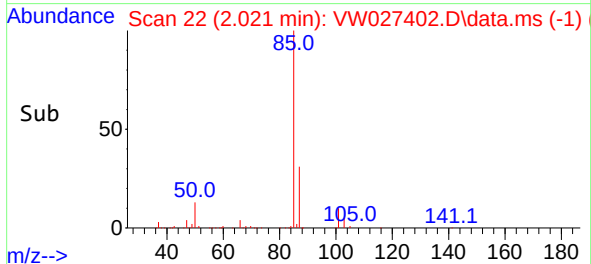
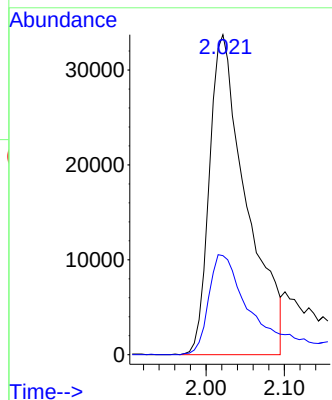
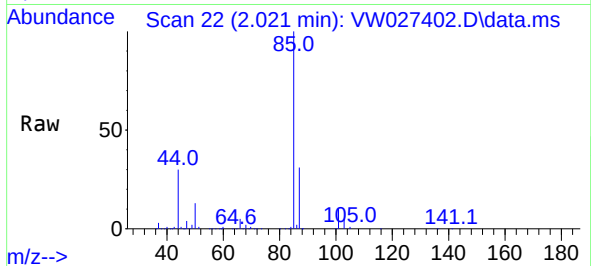




#2
Dichlorodifluoromethane
Concen: 20.293 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

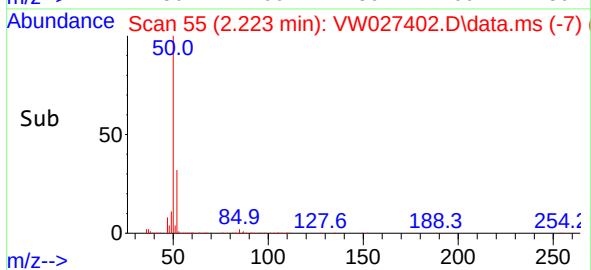
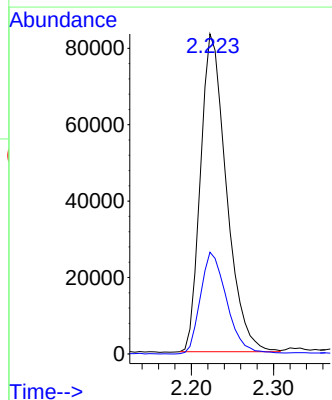
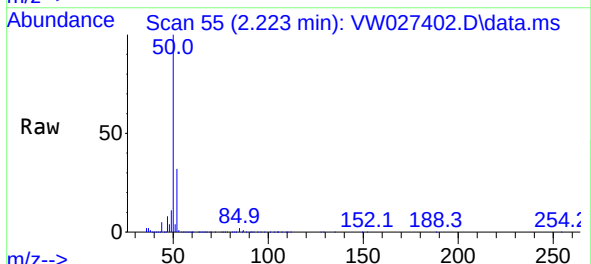
Instrument :
MSVOA_W
ClientSampleId :

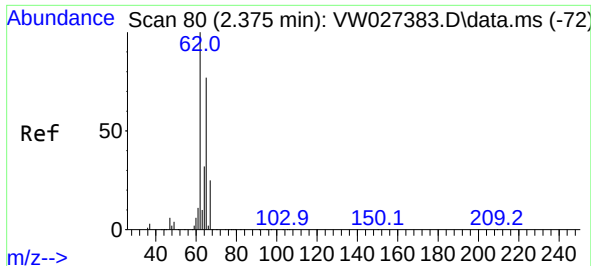
Tgt Ion: 85 Resp: 110726
Ion Ratio Lower Upper
85 100
87 33.5 18.3 27.5#



#3
Chloromethane
Concen: 29.025 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 50 Resp: 181999
Ion Ratio Lower Upper
50 100
52 31.8 22.7 42.3

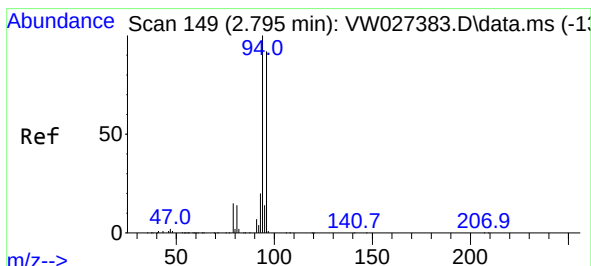
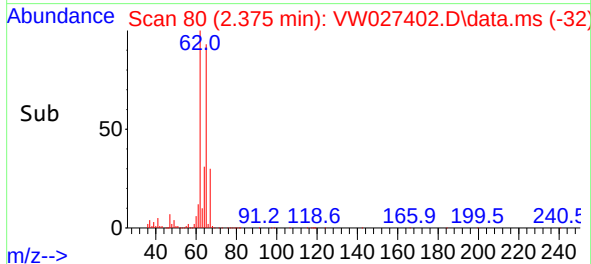
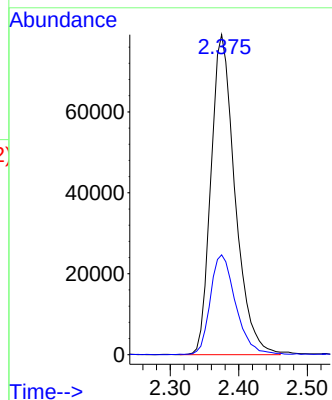
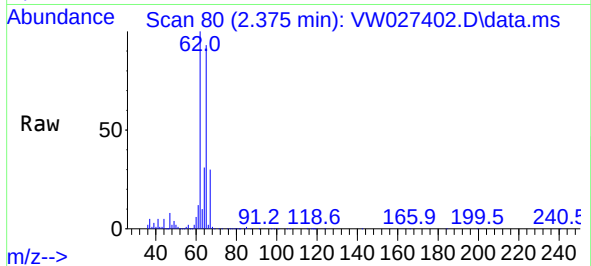




#5
 Vinyl chloride
 Concen: 27.536 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02

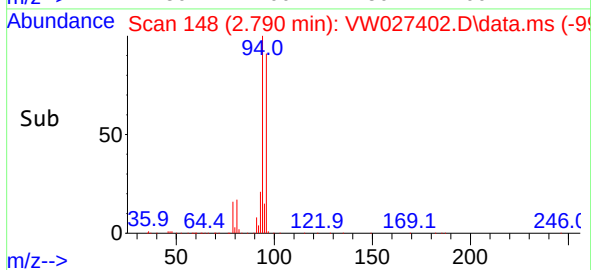
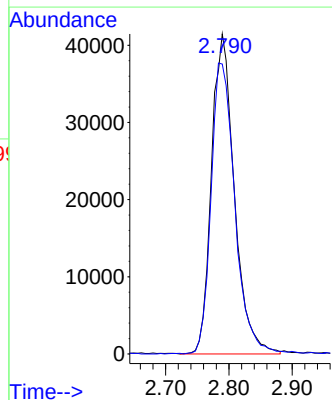
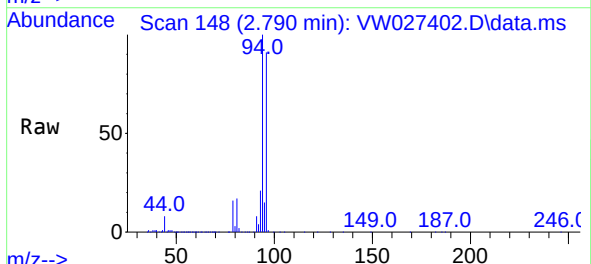
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 ClientSampleId :

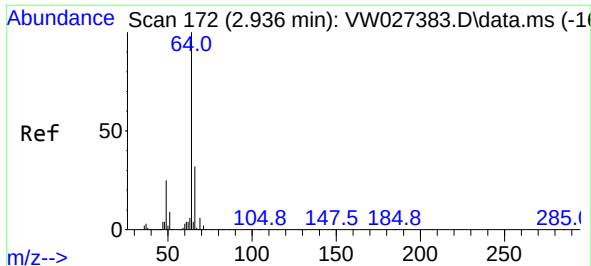
Tgt Ion: 62 Resp: 192867
 Ion Ratio Lower Upper
 62 100
 64 31.2 23.8 44.2



#6
 Bromomethane
 Concen: 26.084 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.001 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02

Tgt Ion: 94 Resp: 104061
 Ion Ratio Lower Upper
 94 100
 96 90.6 62.9 116.9

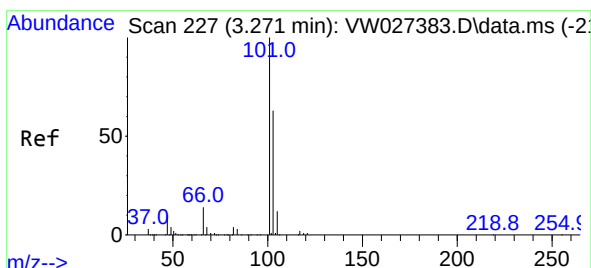
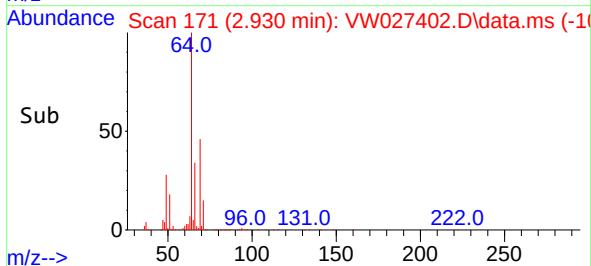
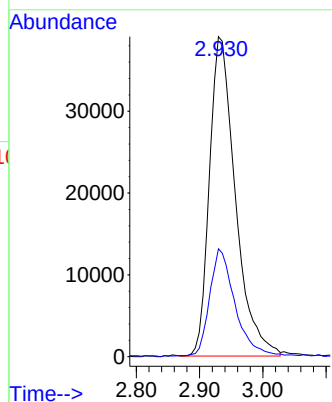
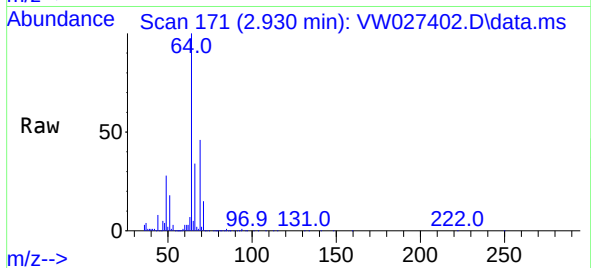




#8
Chloroethane
Concen: 27.609 ug/L
RT: 2.930 min Scan# 172
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

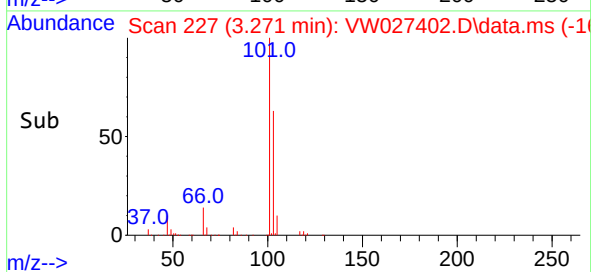
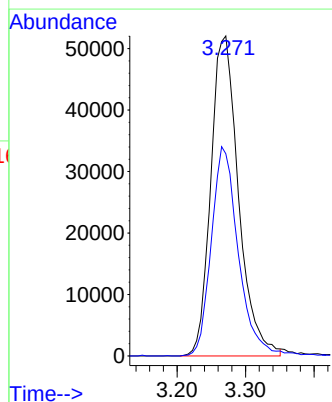
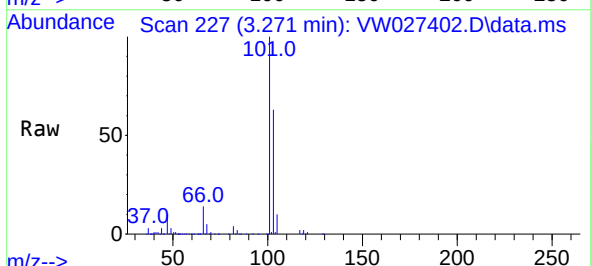
Instrument :
MSVOA_W
ClientSampleId :

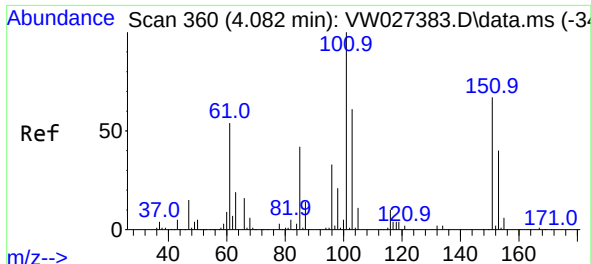
Tgt Ion: 64 Resp: 111313
Ion Ratio Lower Upper
64 100
66 33.7 21.7 40.3



#9
Trichlorofluoromethane
Concen: 29.619 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.007 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 101 Resp: 146361
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

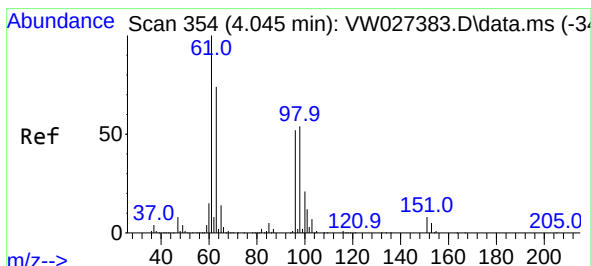
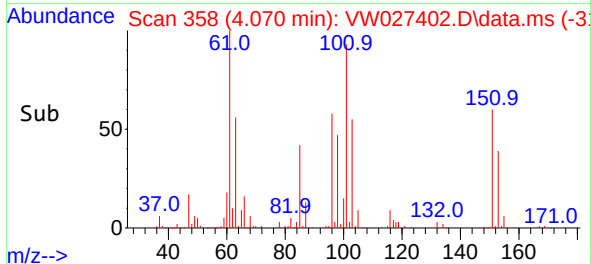
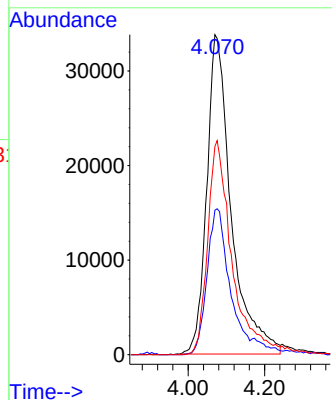
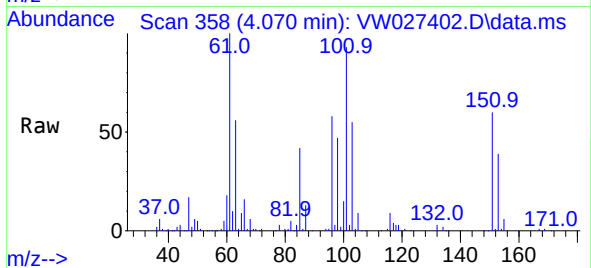




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.280 ug/L
RT: 4.070 min Scan# 310
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

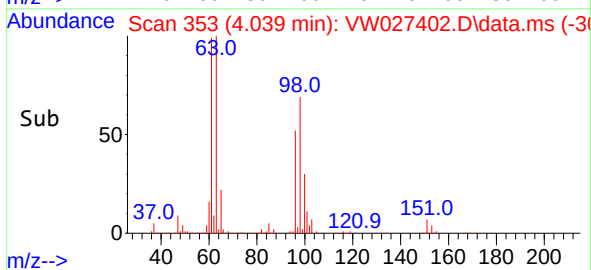
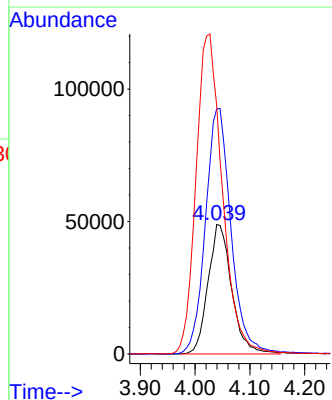
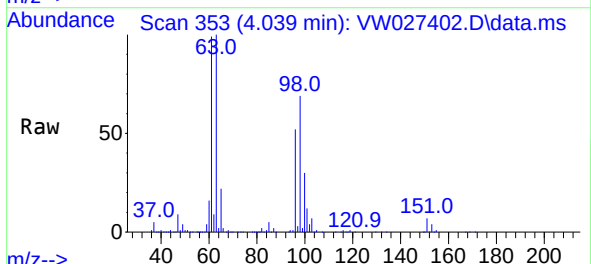
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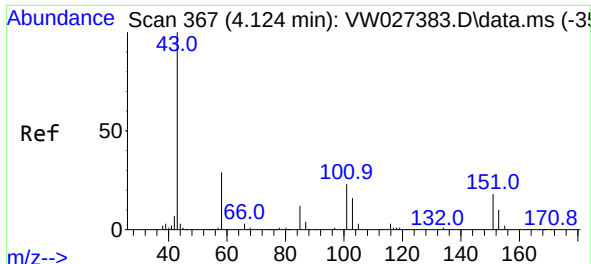
Tgt Ion:101 Resp: 150241
Ion Ratio Lower Upper
101 100
85 41.8 34.1 51.1
151 65.6 49.5 74.3



#12
1,1-Dichloroethene
Concen: 24.322 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.012 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 96 Resp: 146258
Ion Ratio Lower Upper
96 100
61 189.3 133.3 247.5
63 192.0 115.8 215.2

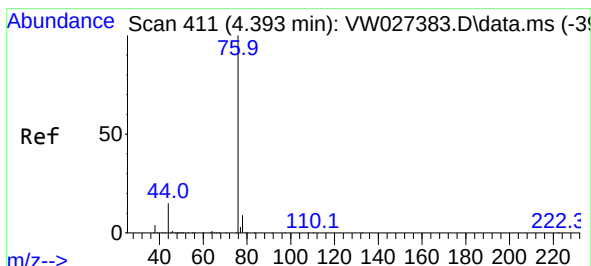
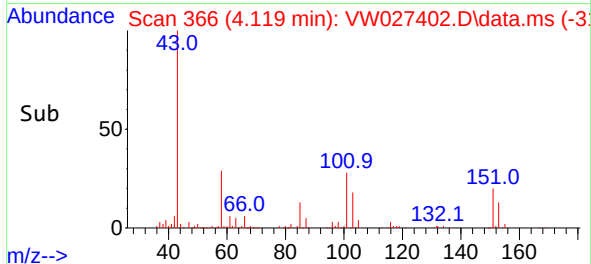
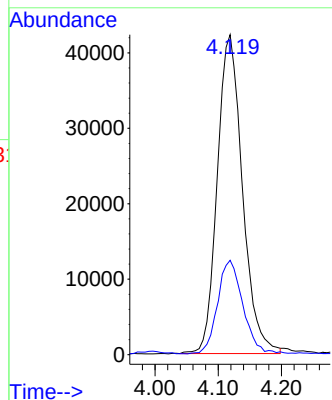
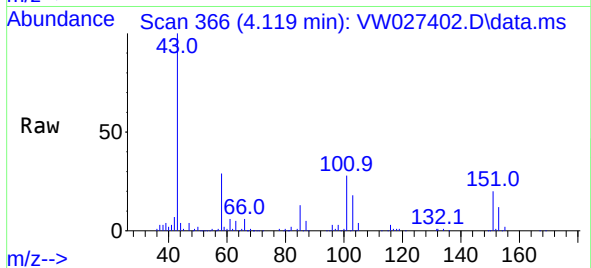




#13
Acetone
Concen: 58.076 ug/L
RT: 4.119 min Scan# 30
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

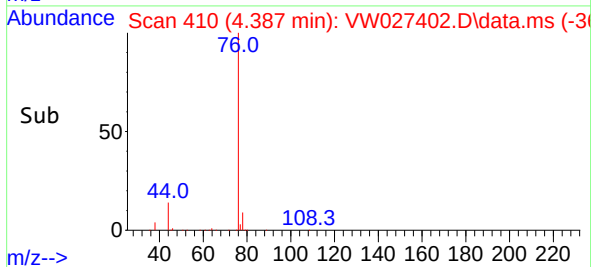
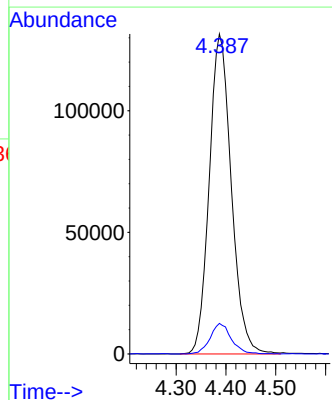
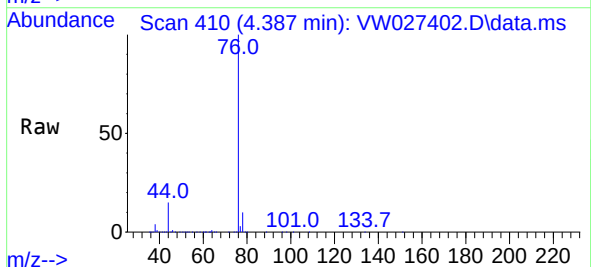
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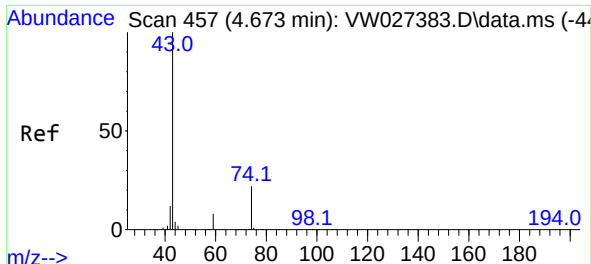
Tgt Ion: 43 Resp: 116684
Ion Ratio Lower Upper
43 100
58 28.4 0.0 60.8



#14
Carbon disulfide
Concen: 21.669 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

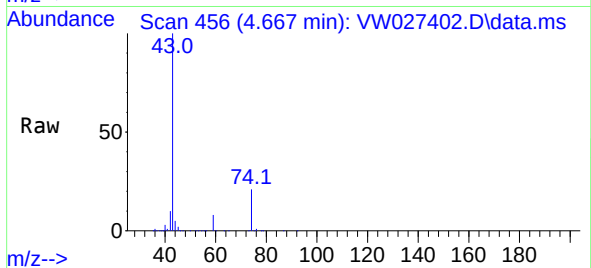
Tgt Ion: 76 Resp: 403961
Ion Ratio Lower Upper
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78 9.5 7.2 10.8



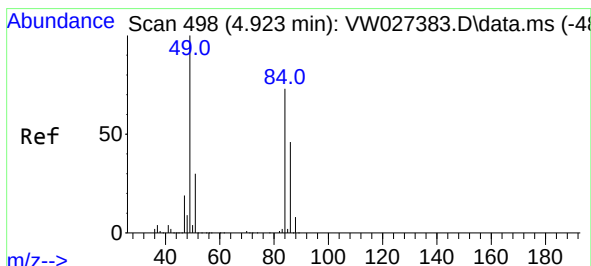
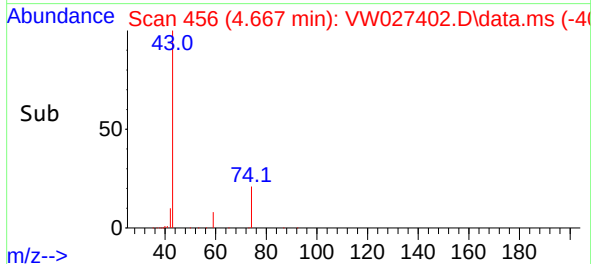
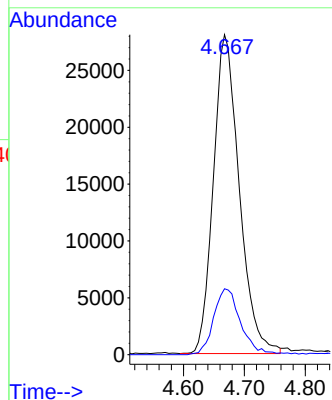


#15
Methyl Acetate
Concen: 24.152 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :

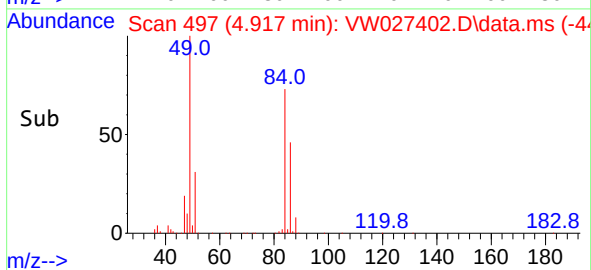
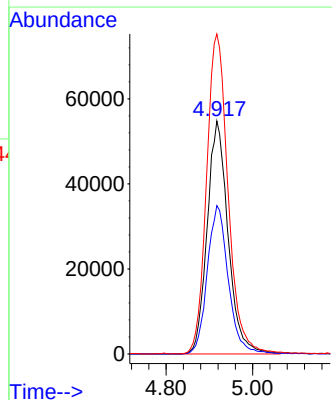
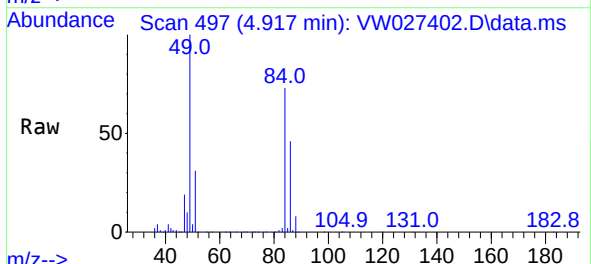


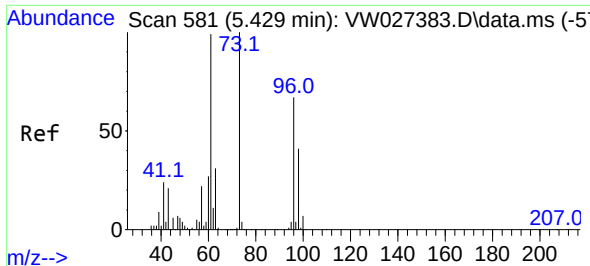
Tgt Ion: 43 Resp: 82880
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3



#16
Methylene chloride
Concen: 21.979 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 84 Resp: 184501
Ion Ratio Lower Upper
84 100
86 63.6 41.3 76.7
49 137.3 92.8 172.4

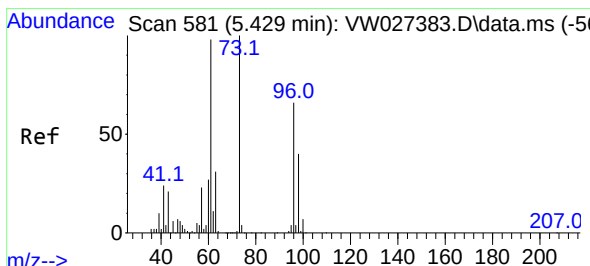
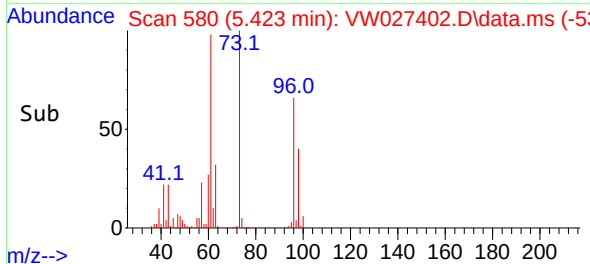
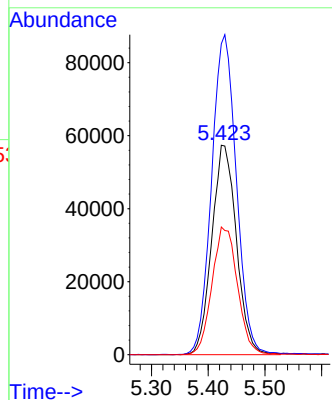
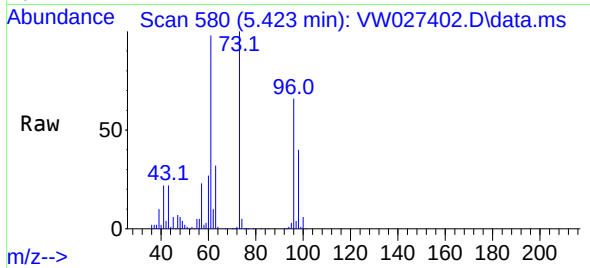




#17
trans-1,2-Dichloroethene
Concen: 26.840 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

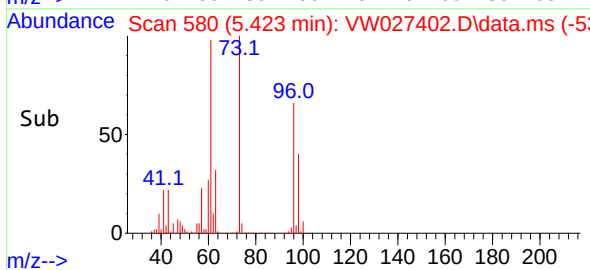
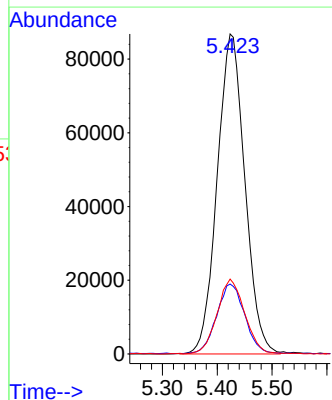
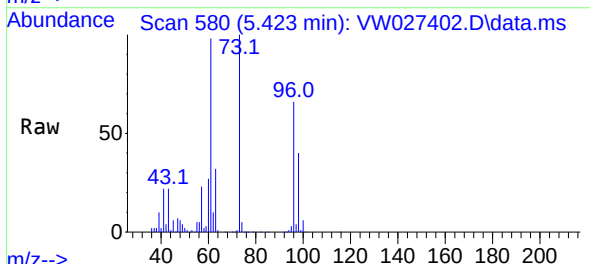
Instrument :
MSVOA_W
ClientSampleId :

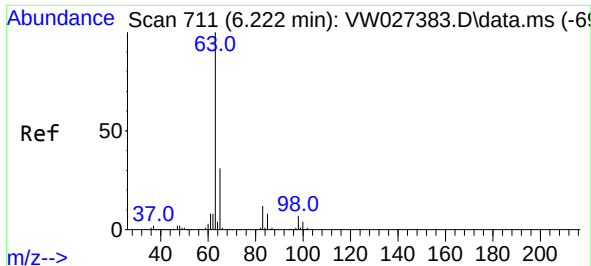
Tgt Ion: 96 Resp: 173460
Ion Ratio Lower Upper
96 100
61 148.5 105.6 196.0
98 61.0 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 27.276 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

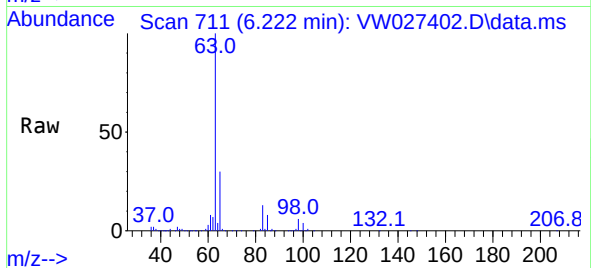
Tgt Ion: 73 Resp: 304130
Ion Ratio Lower Upper
73 100
43 21.9 17.7 26.5
57 23.3 18.5 27.7





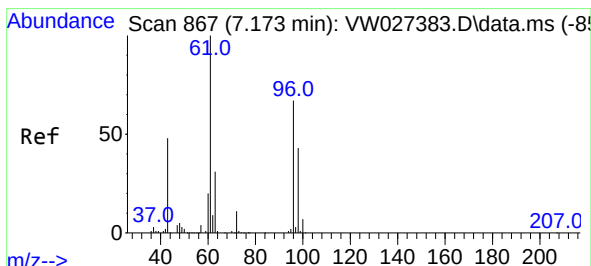
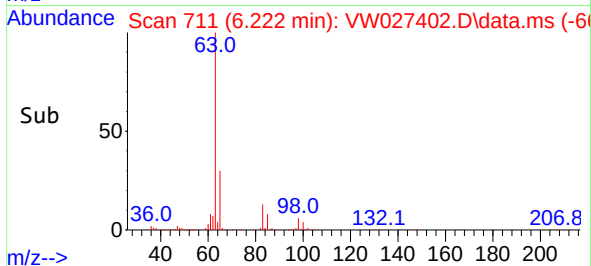
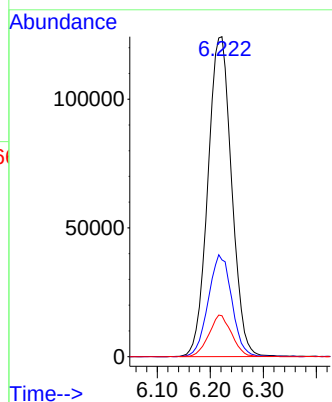
#19
 1,1-Dichloroethane
 Concen: 29.286 ug/L
 RT: 6.222 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 63 Resp: 386156

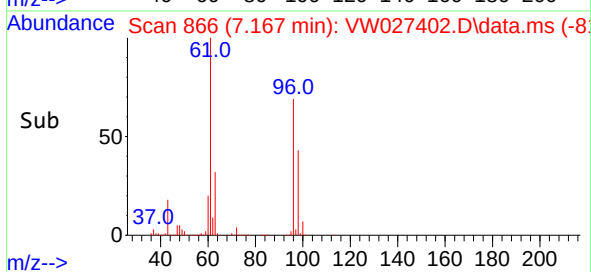
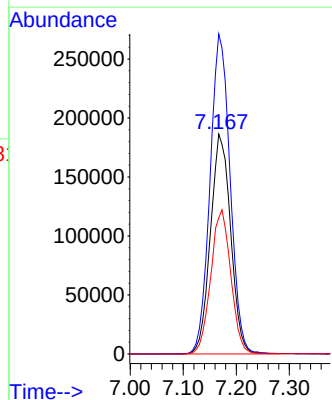
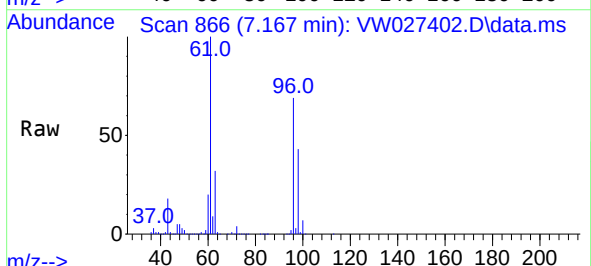
Ion	Ratio	Lower	Upper
63	100		
65	30.3	22.9	42.5
83	12.8	9.6	17.8

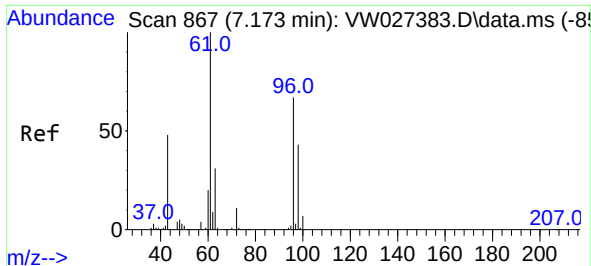


#20
 cis-1,2-Dichloroethene
 Concen: 67.670 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW027402.D
 Acq: 23 Oct 2023 18:02

Tgt Ion: 96 Resp: 493876

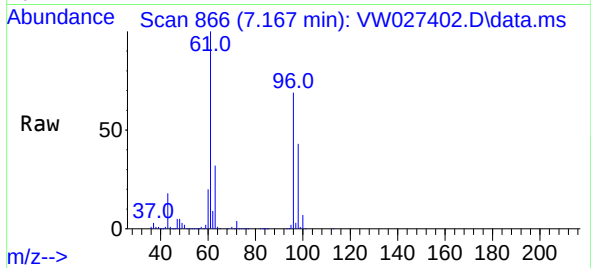
Ion	Ratio	Lower	Upper
96	100		
61	145.5	96.2	178.8
98	61.9	46.0	85.4



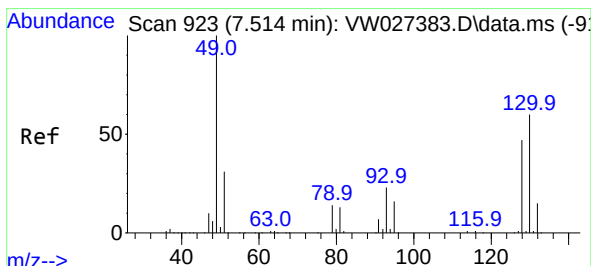
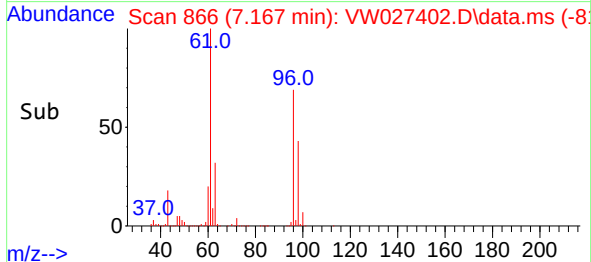
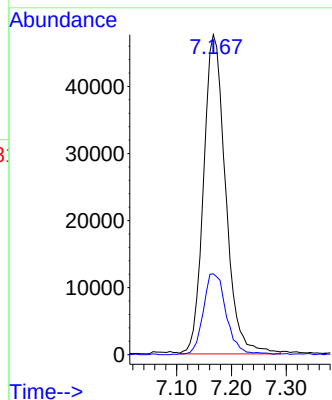


#22
2-Butanone
Concen: 44.096 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :

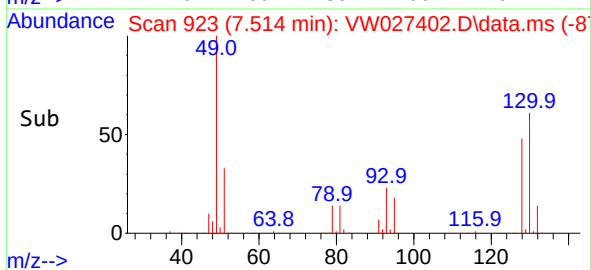
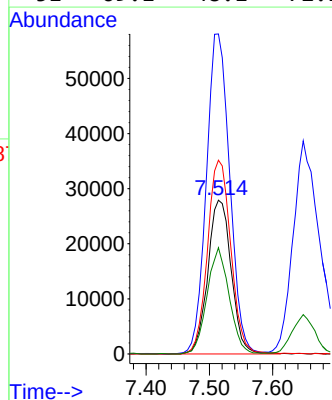
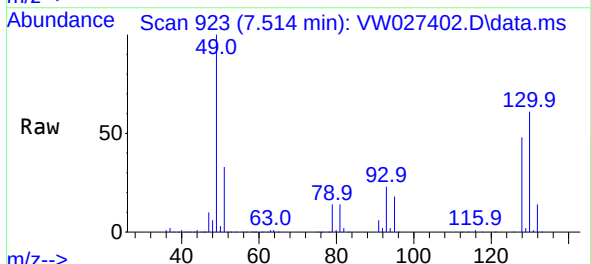


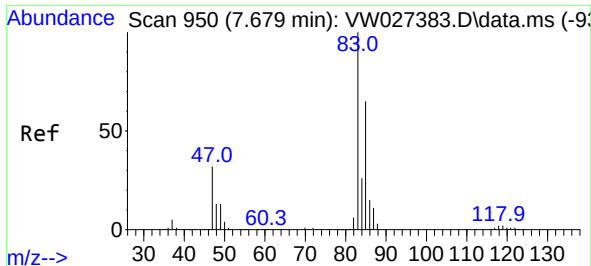
Tgt Ion: 43 Resp: 132611
Ion Ratio Lower Upper
43 100
72 26.2 12.3 36.8



#23
Bromochloromethane
Concen: 23.772 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 128 Resp: 71630
Ion Ratio Lower Upper
128 100
49 208.1 128.9 239.5
130 126.0 85.0 157.8
51 69.1 48.1 72.1

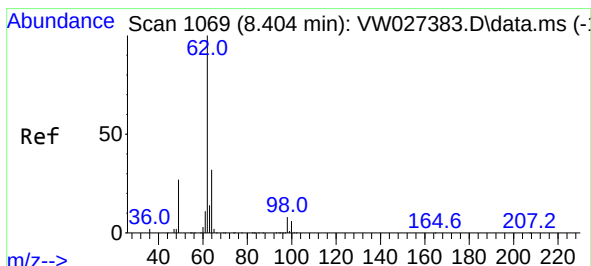
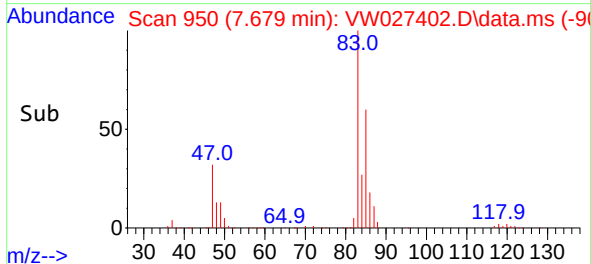
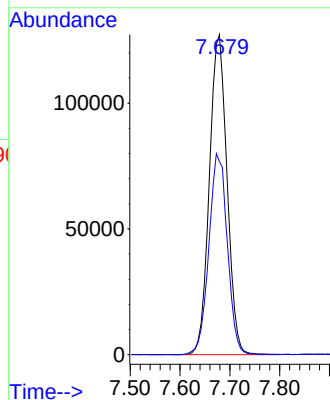
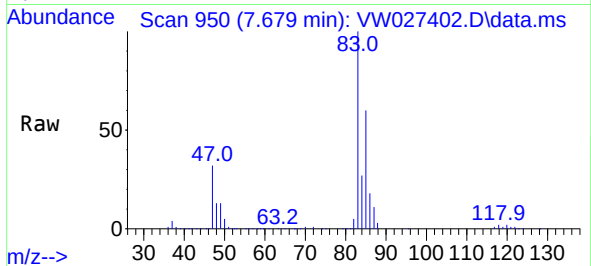




#25
Chloroform
Concen: 25.378 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

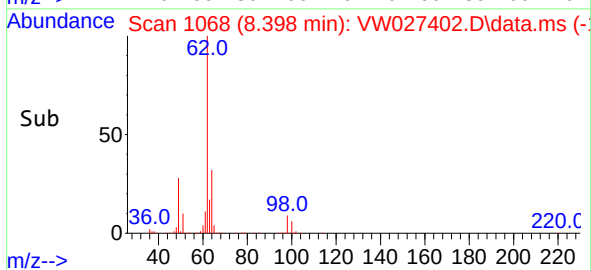
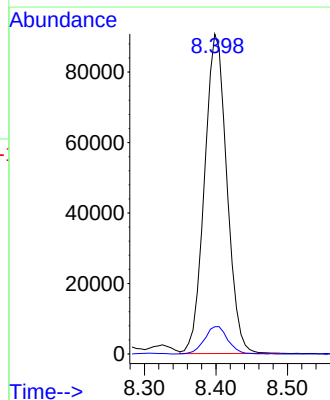
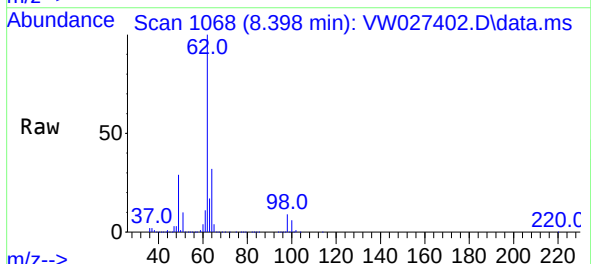
Instrument :
MSVOA_W
ClientSampleId :

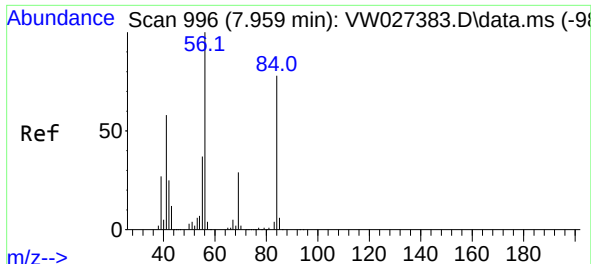
Tgt Ion: 83 Resp: 313179
Ion Ratio Lower Upper
83 100
85 60.4 44.1 81.9



#27
1,2-Dichloroethane
Concen: 23.476 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

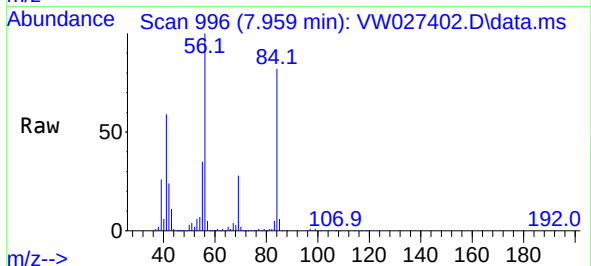
Tgt Ion: 62 Resp: 196796
Ion Ratio Lower Upper
62 100
98 8.5 7.5 11.3



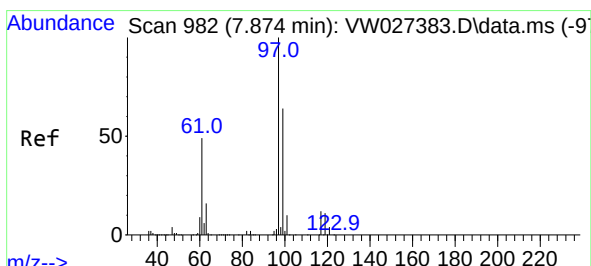
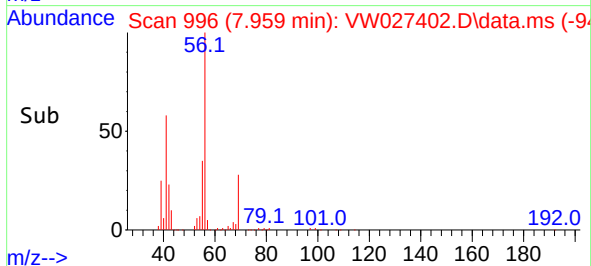
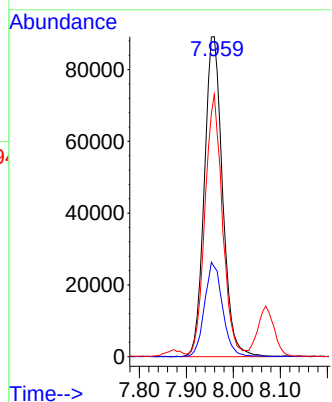


#29
Cyclohexane
Concen: 30.595 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :

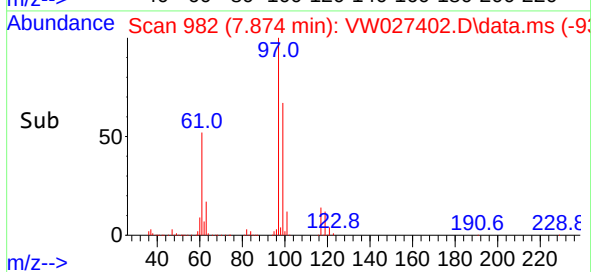
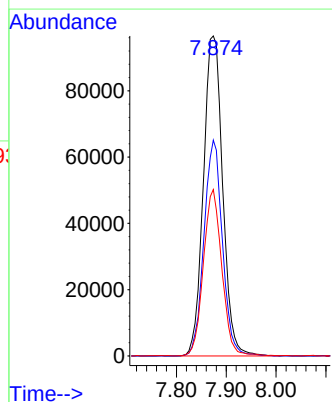
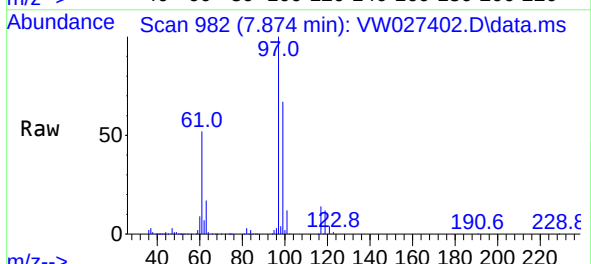


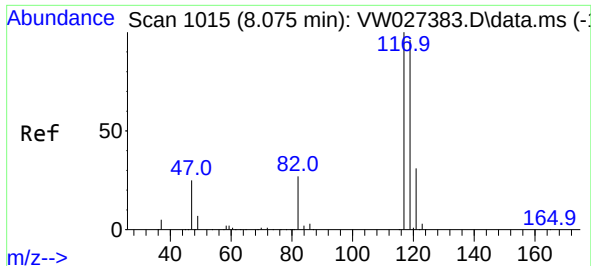
Tgt Ion: 56 Resp: 240043
Ion Ratio Lower Upper
56 100
69 29.0 24.2 36.4
84 78.9 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 41.205 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 97 Resp: 259730
Ion Ratio Lower Upper
97 100
99 64.4 51.4 77.0
61 49.1 37.4 56.0

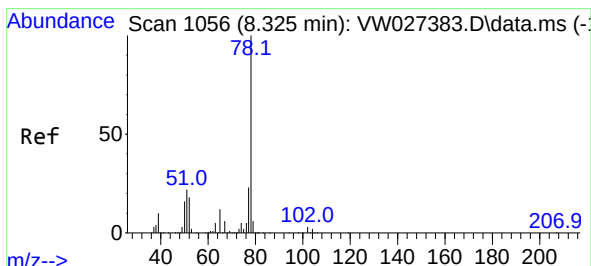
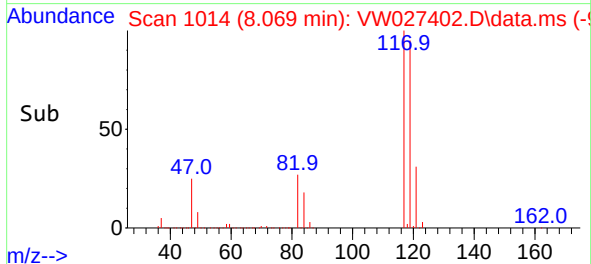
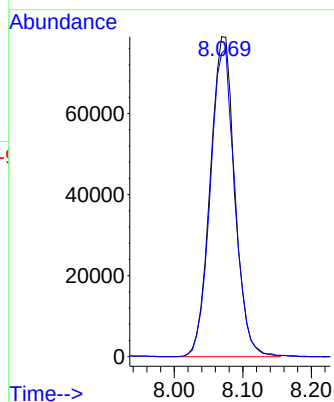
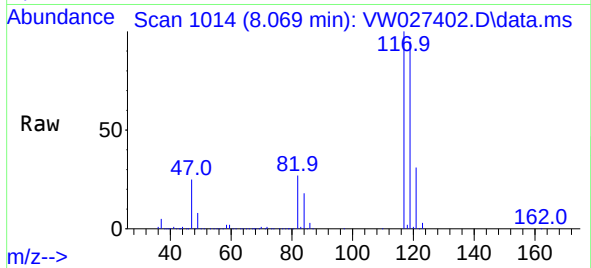




#31
Carbon tetrachloride
Concen: 34.435 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

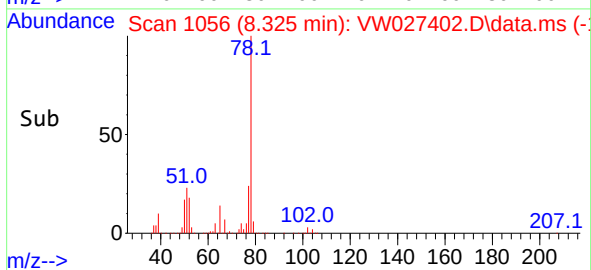
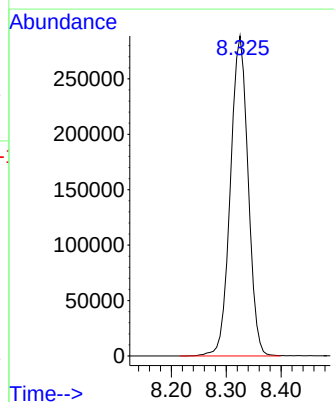
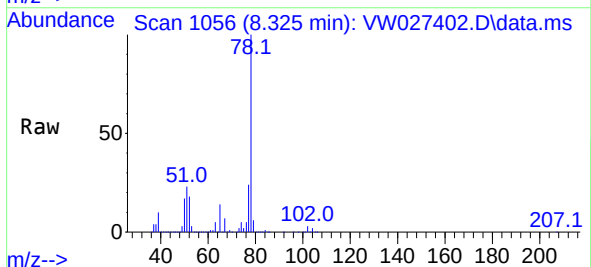
Instrument :
MSVOA_W
ClientSampleId :

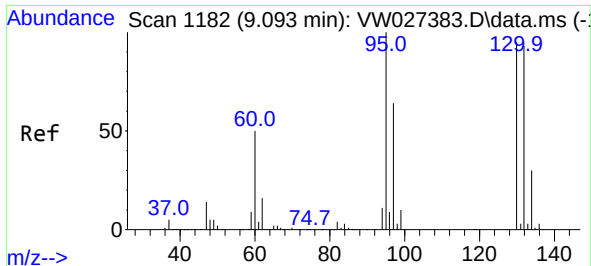
Tgt Ion:117 Resp: 195716
Ion Ratio Lower Upper
117 100
119 96.8 77.1 115.7



#33
Benzene
Concen: 38.334 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

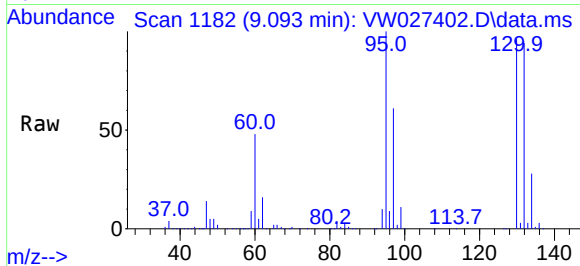
Tgt Ion: 78 Resp: 647373





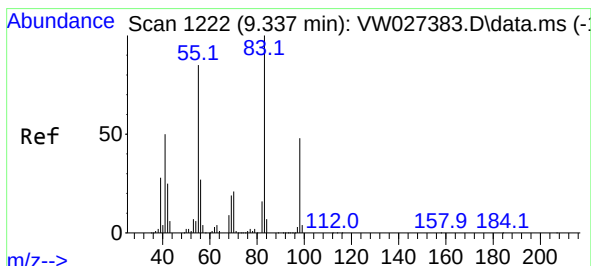
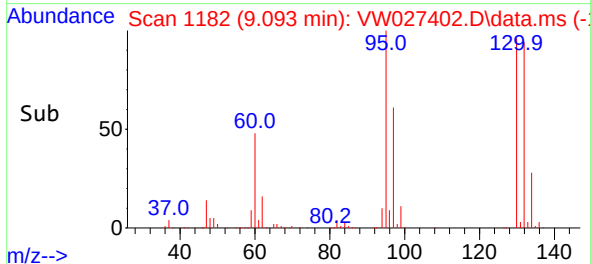
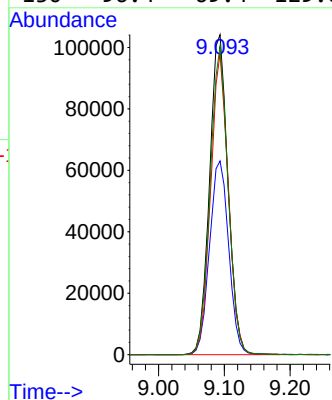
#34
Trichloroethene
Concen: 45.587 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 203358

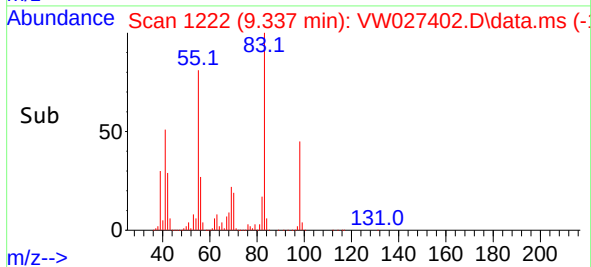
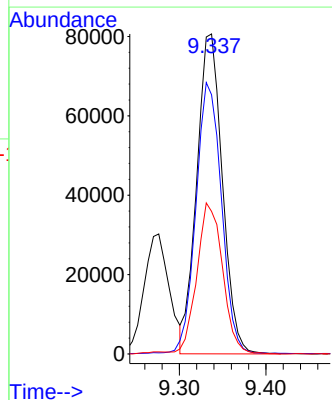
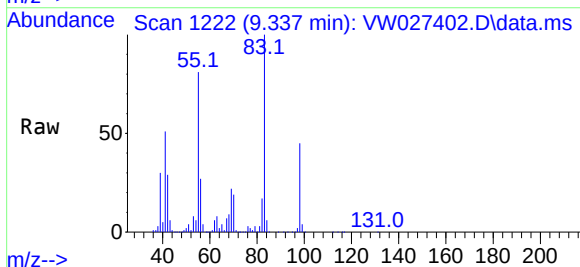
Ion	Ratio	Lower	Upper
95	100		
97	60.5	43.4	80.6
132	94.1	67.6	125.6
130	96.4	69.4	129.0

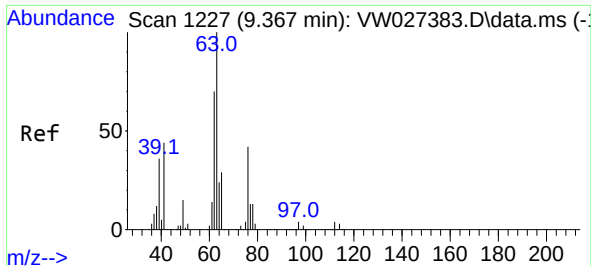


#35
Methylcyclohexane
Concen: 20.759 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 83 Resp: 165604

Ion	Ratio	Lower	Upper
83	100		
55	84.9	65.8	98.8
98	47.5	38.1	57.1





#37

1,2-Dichloropropane

Concen: 40.176 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

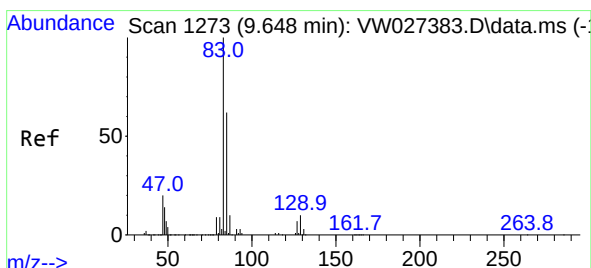
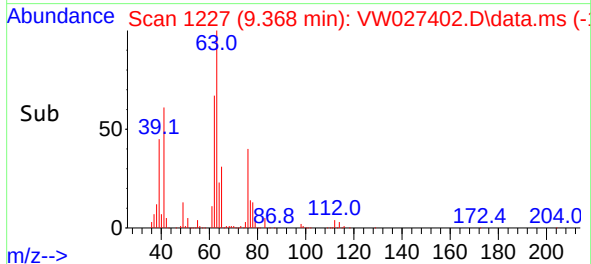
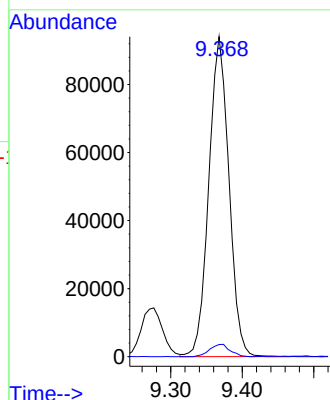
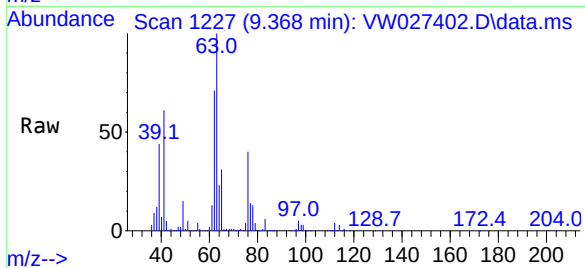
ClientSampleId :

Tgt Ion: 63 Resp: 183454

Ion Ratio Lower Upper

63 100

112 3.9 3.5 5.3



#38

Bromodichloromethane

Concen: 35.178 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

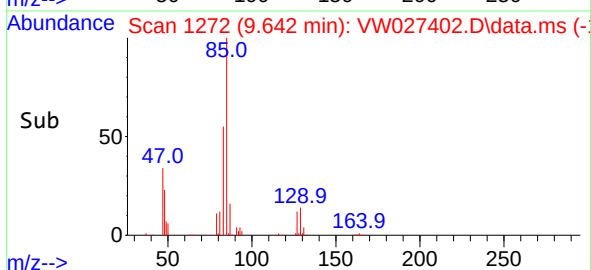
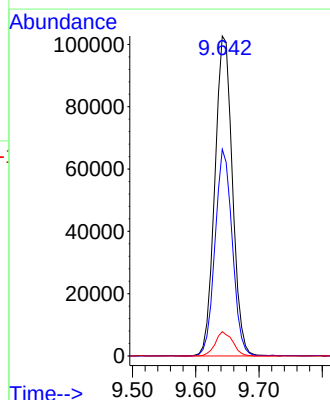
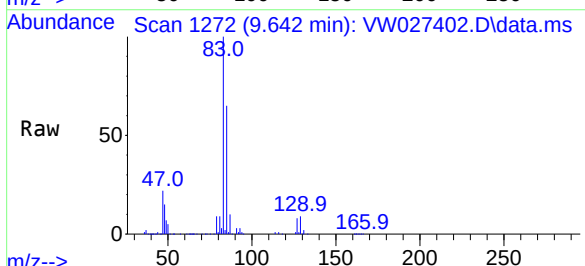
Tgt Ion: 83 Resp: 197515

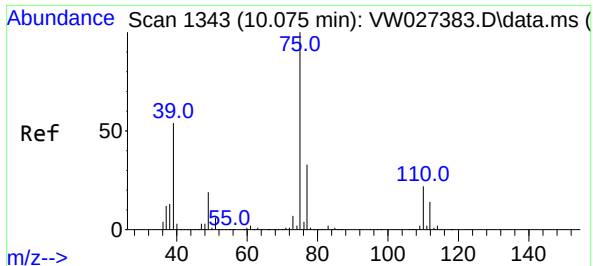
Ion Ratio Lower Upper

83 100

85 64.6 43.9 81.5

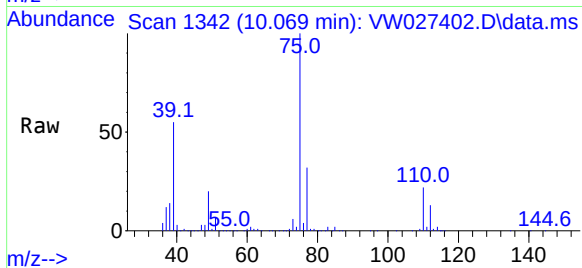
127 7.6 6.2 9.2



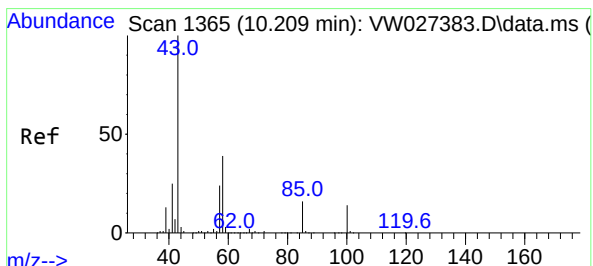
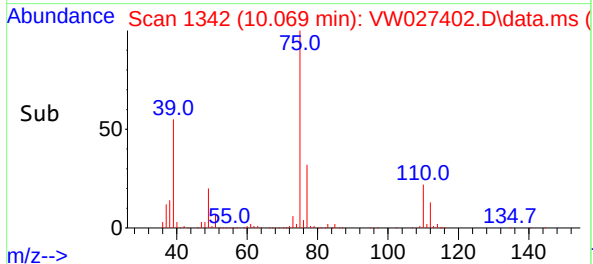
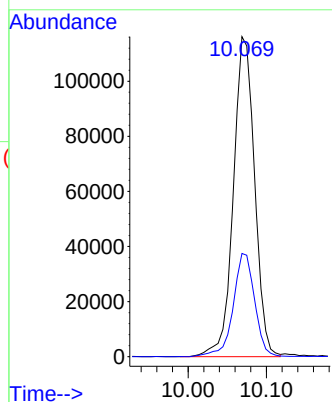


#39
cis-1,3-Dichloropropene
Concen: 29.025 ug/L
RT: 10.069 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :

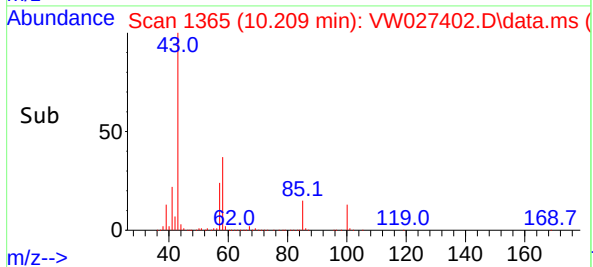
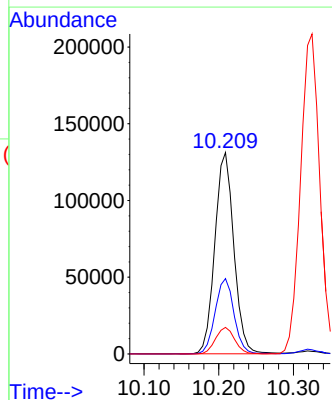
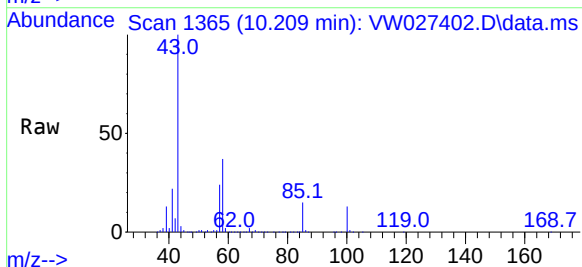


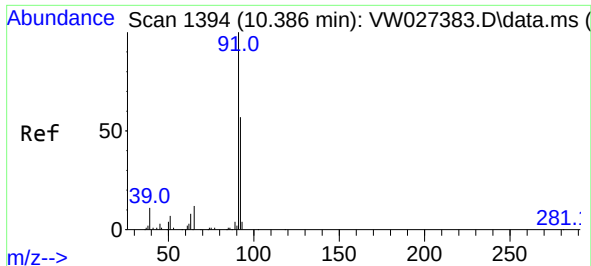
Tgt Ion: 75 Resp: 218937
Ion Ratio Lower Upper
75 100
77 32.3 21.9 40.7



#40
4-Methyl-2-pentanone
Concen: 73.772 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 43 Resp: 231664
Ion Ratio Lower Upper
43 100
58 37.2 30.5 45.7
100 13.4 11.5 17.3

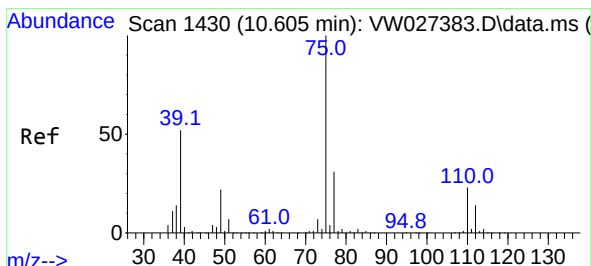
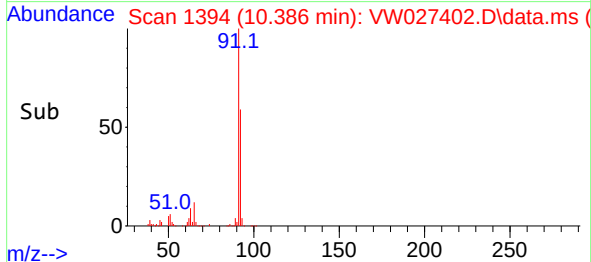
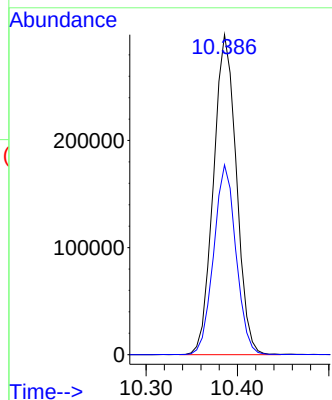
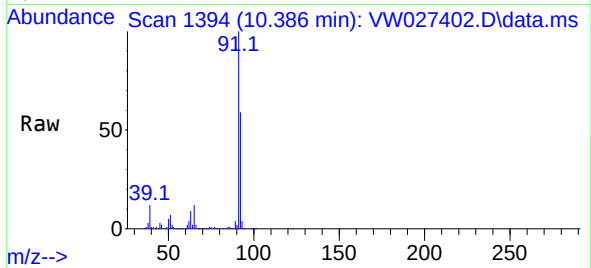




#42
Toluene
Concen: 29.420 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

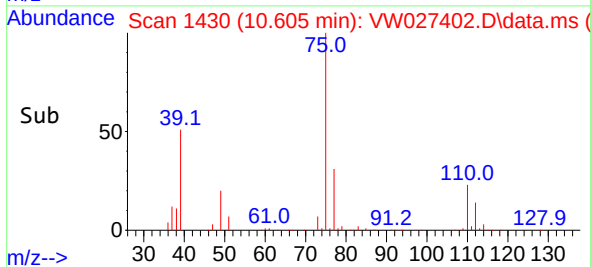
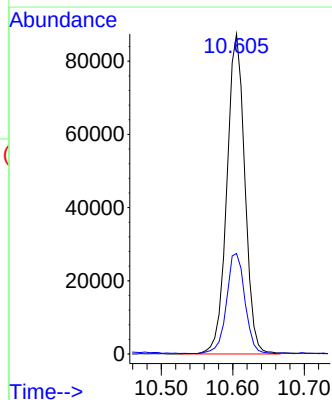
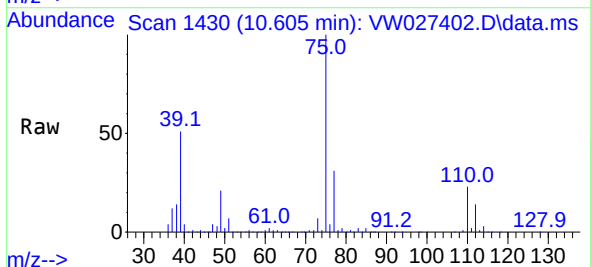
Instrument :
MSVOA_W
ClientSampleId :

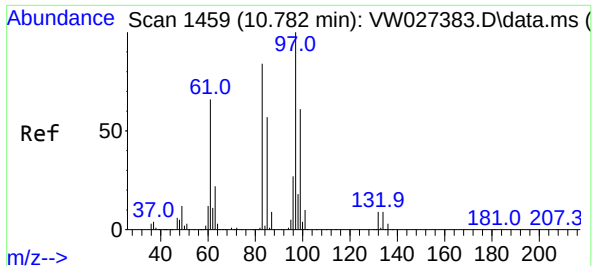
Tgt Ion: 91 Resp: 521208
Ion Ratio Lower Upper
91 100
92 59.3 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 23.931 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

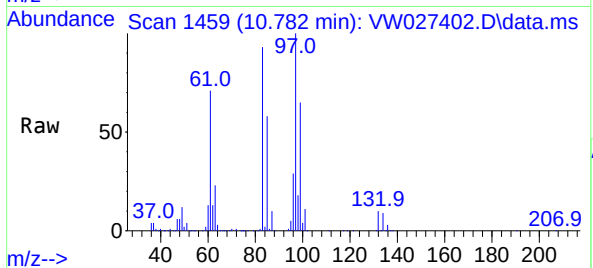
Tgt Ion: 75 Resp: 152311
Ion Ratio Lower Upper
75 100
77 31.4 22.0 41.0





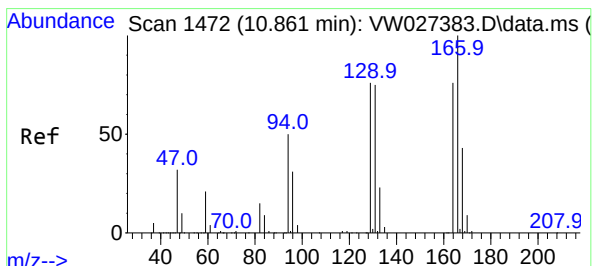
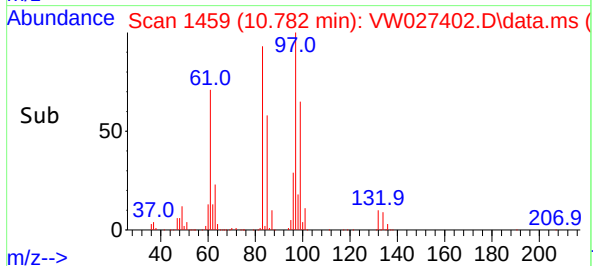
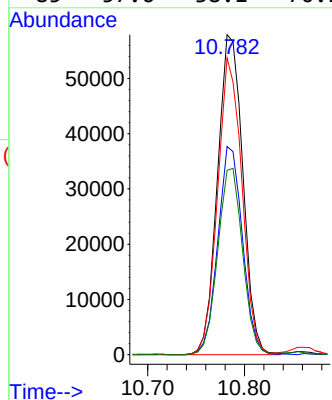
#45
1,1,2-Trichloroethane
Concen: 33.555 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 97 Resp: 105438

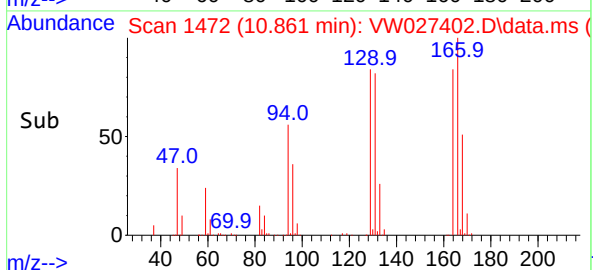
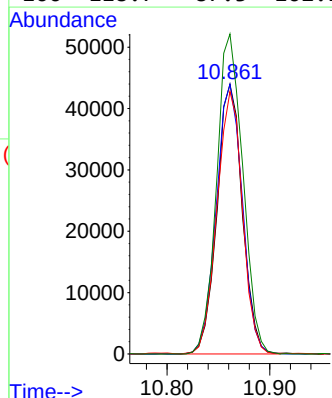
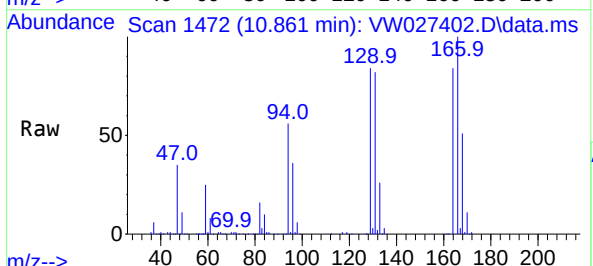
Ion	Ratio	Lower	Upper
97	100		
99	65.0	43.8	81.4
83	92.8	57.5	106.7
85	57.6	38.1	70.9

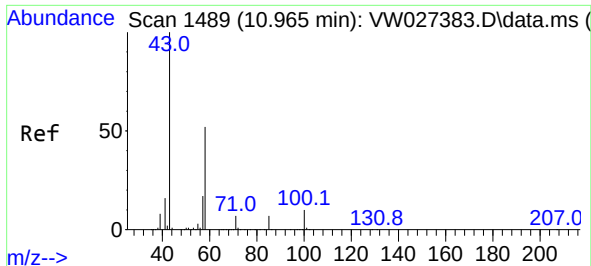


#46
Tetrachloroethene
Concen: 24.386 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 164 Resp: 75113

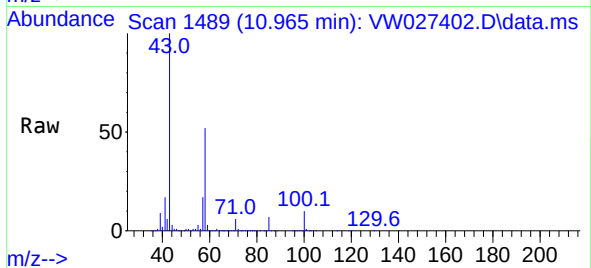
Ion	Ratio	Lower	Upper
164	100		
129	100.0	74.7	138.7
131	97.3	73.2	136.0
166	118.7	87.3	162.1





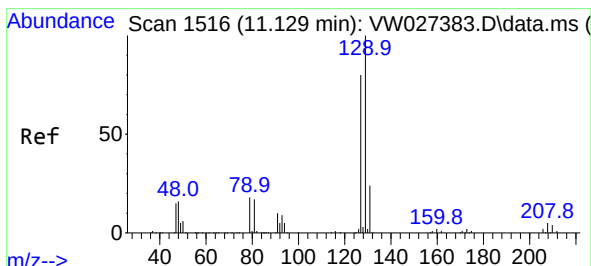
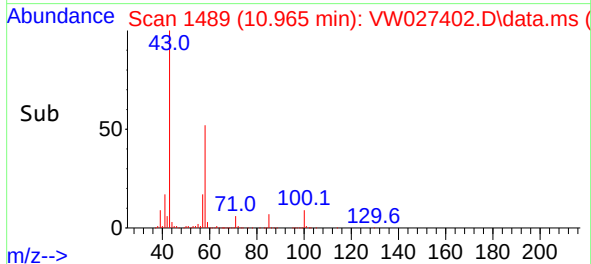
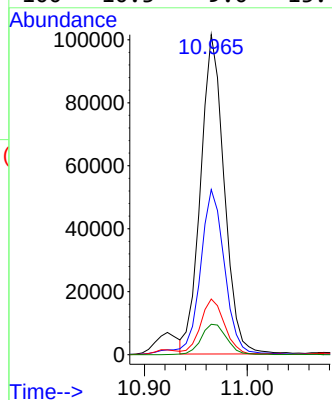
#48
2-Hexanone
Concen: 69.763 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 162147

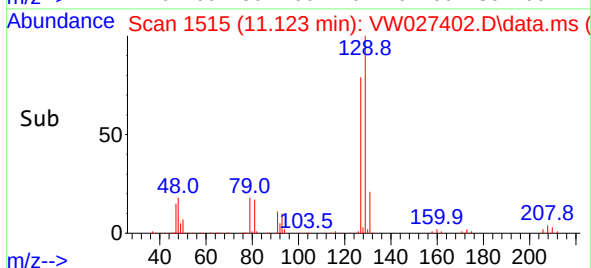
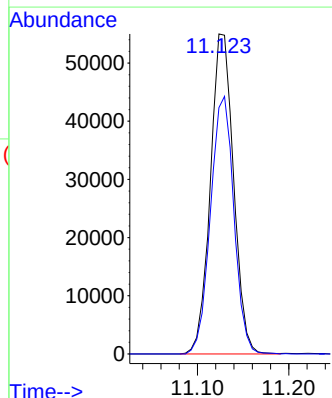
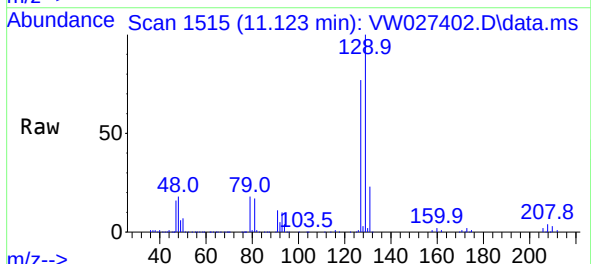
Ion	Ratio	Lower	Upper
43	100		
58	53.8	42.2	63.4
57	18.0	15.1	22.7
100	10.3	9.0	13.4

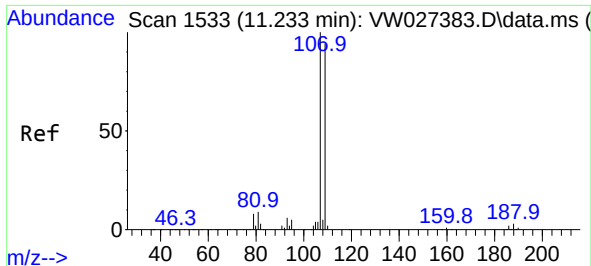


#49
Dibromochloromethane
Concen: 27.784 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion: 129 Resp: 96954

Ion	Ratio	Lower	Upper
129	100		
127	77.0	51.7	95.9





#50

1,2-Dibromoethane

Concen: 25.180 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.001 min

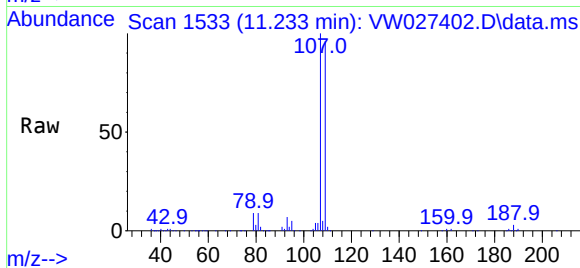
Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :



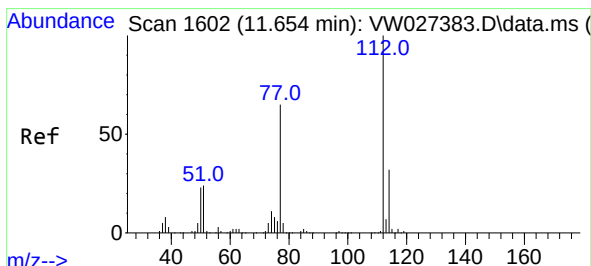
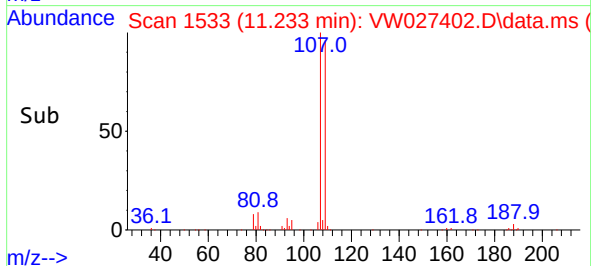
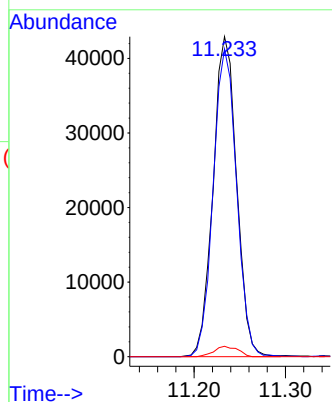
Tgt Ion:107 Resp: 76710

Ion Ratio Lower Upper

107 100

109 96.1 66.3 123.1

188 3.3 3.0 4.4



#51

Chlorobenzene

Concen: 21.120 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

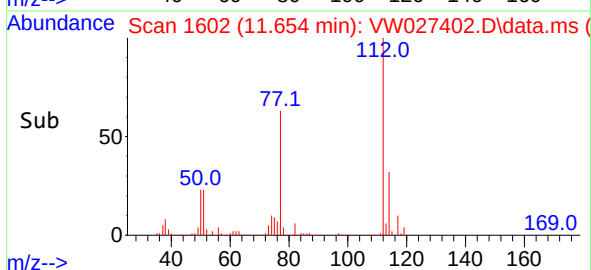
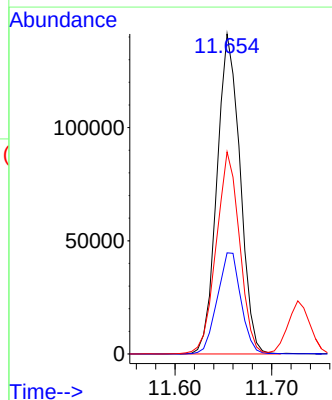
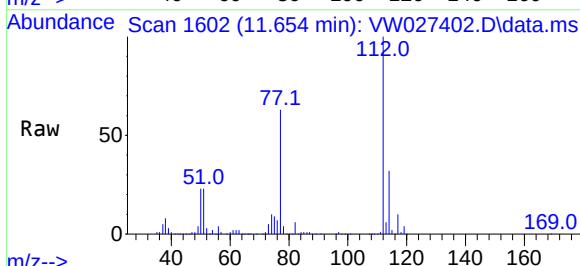
Tgt Ion:112 Resp: 234305

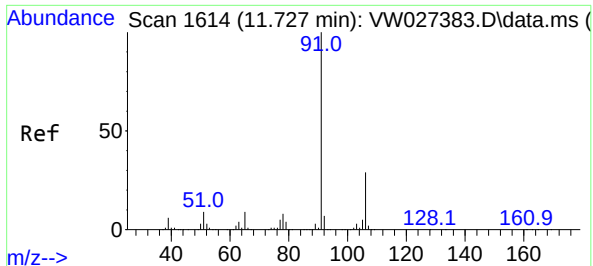
Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.6

77 63.2 52.2 78.4





#52

Ethylbenzene

Concen: 20.633 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

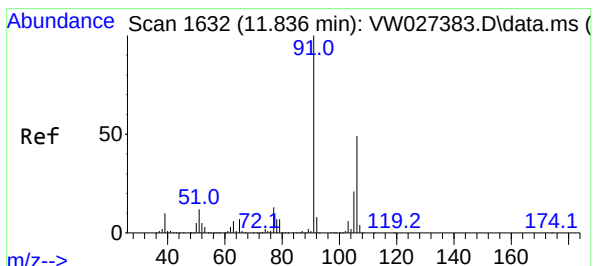
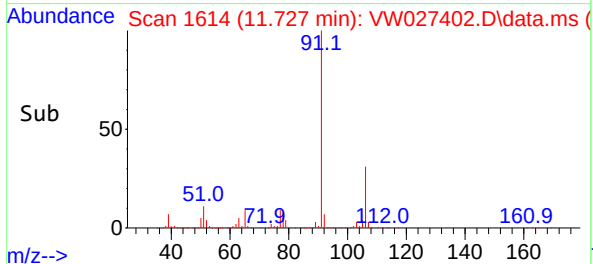
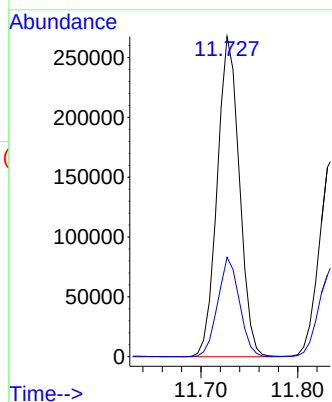
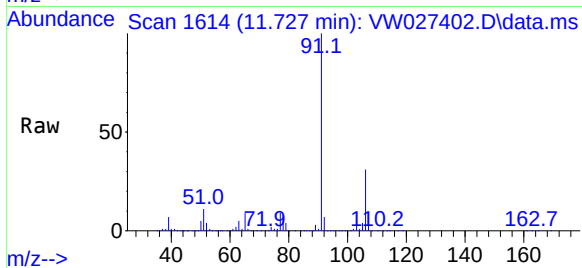
ClientSampleId :

Tgt Ion: 91 Resp: 424778

Ion Ratio Lower Upper

91 100

106 31.1 19.8 36.8



#53

m,p-Xylene

Concen: 19.229 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.001 min

Lab File: VW027402.D

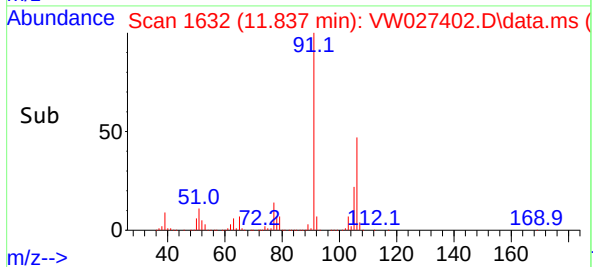
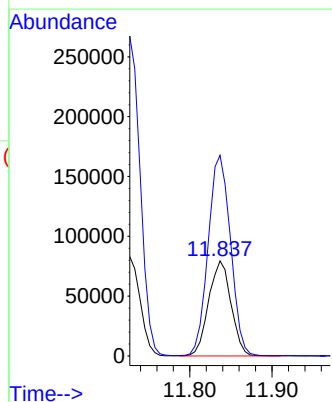
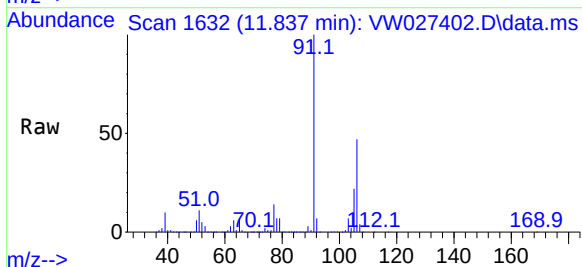
Acq: 23 Oct 2023 18:02

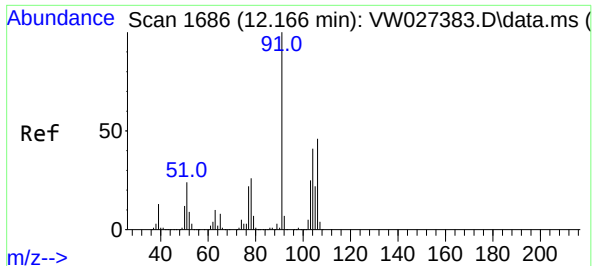
Tgt Ion:106 Resp: 150146

Ion Ratio Lower Upper

106 100

91 211.0 144.5 268.4

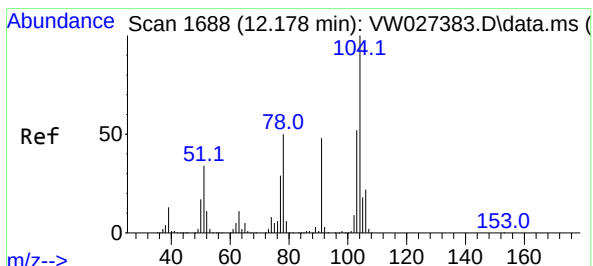
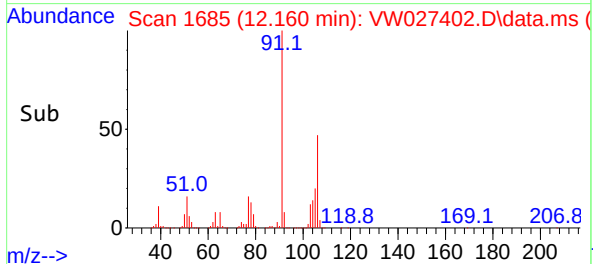
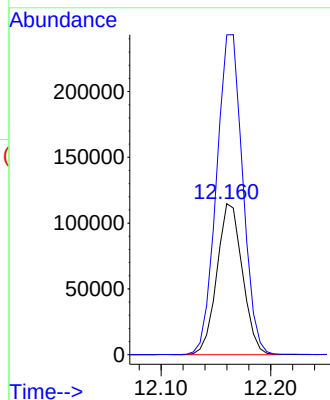
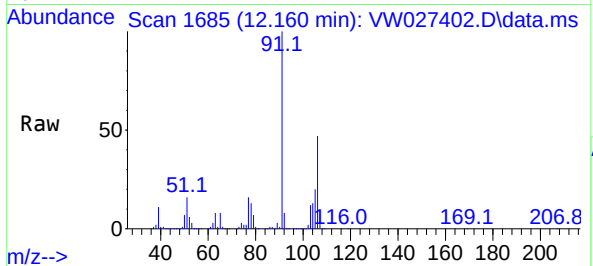




#54
o-Xylene
Concen: 24.862 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

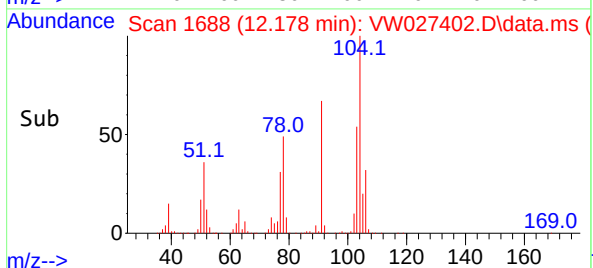
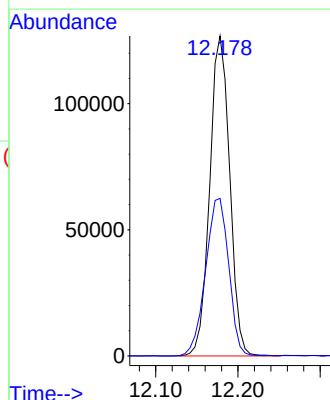
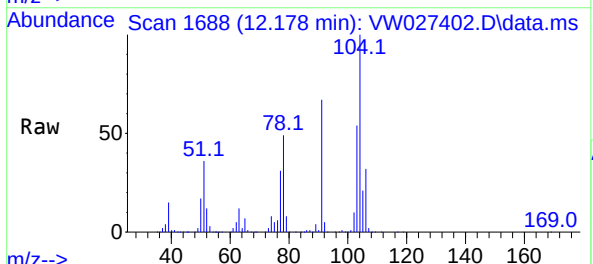
Instrument :
MSVOA_W
ClientSampleId :

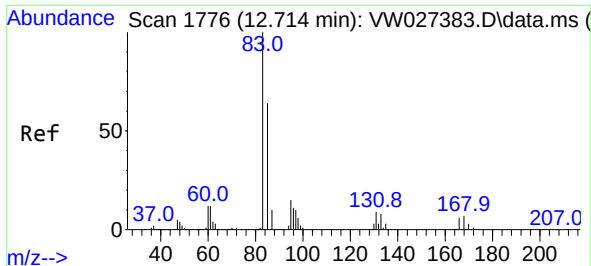
Tgt Ion:106 Resp: 185902
Ion Ratio Lower Upper
106 100
91 211.7 152.0 282.2



#55
Styrene
Concen: 16.789 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion:104 Resp: 214396
Ion Ratio Lower Upper
104 100
78 49.2 33.2 61.6

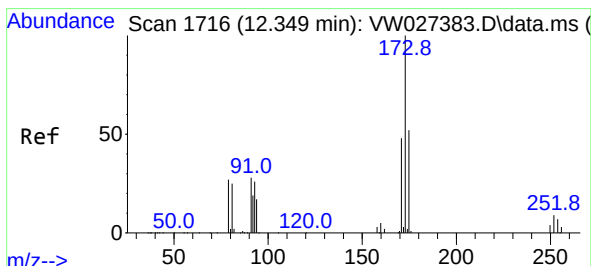
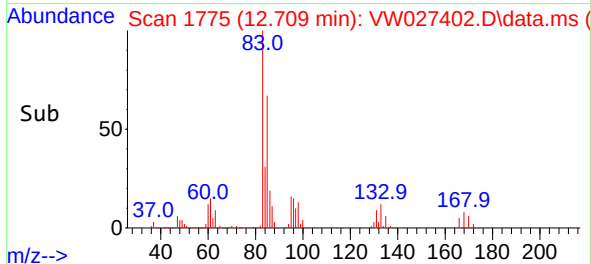
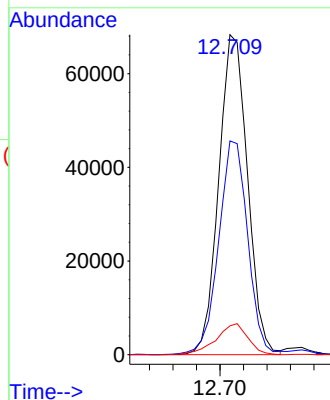
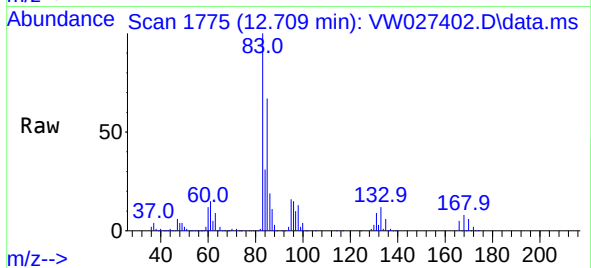




#57
1,1,2,2-Tetrachloroethane
Concen: 30.351 ug/L
RT: 12.709 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

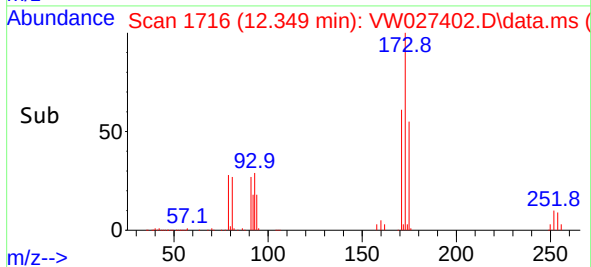
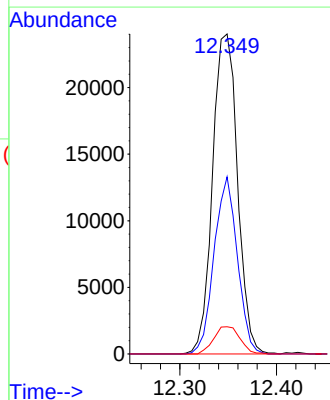
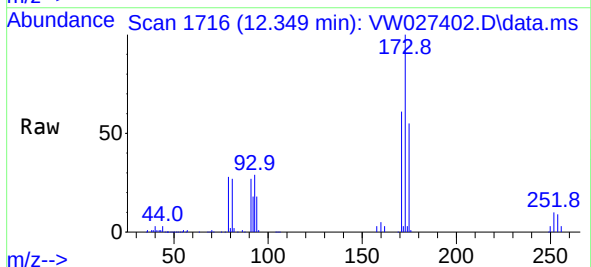
Instrument :
MSVOA_W
ClientSampleId :

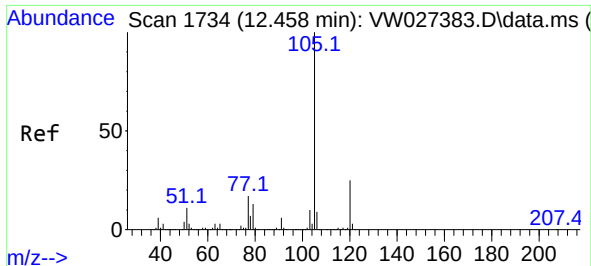
Tgt Ion: 83 Resp: 116421
Ion Ratio Lower Upper
83 100
85 66.8 43.2 80.2
131 9.0 7.2 10.8



#59
Bromoform
Concen: 58.145 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

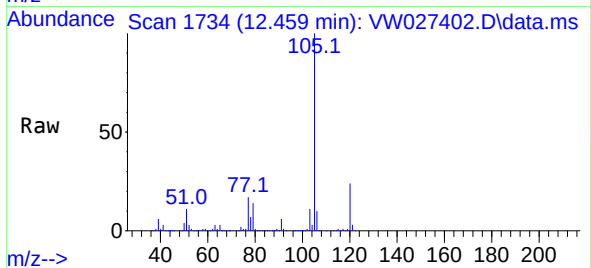
Tgt Ion: 173 Resp: 42986
Ion Ratio Lower Upper
173 100
175 51.5 39.6 59.4
254 9.0 6.6 10.0



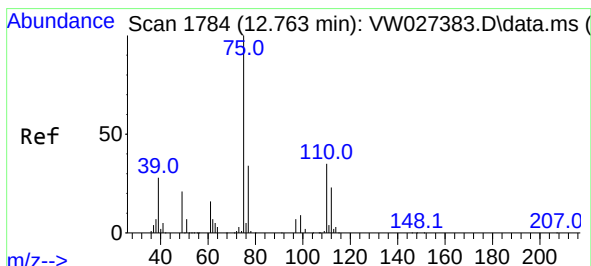
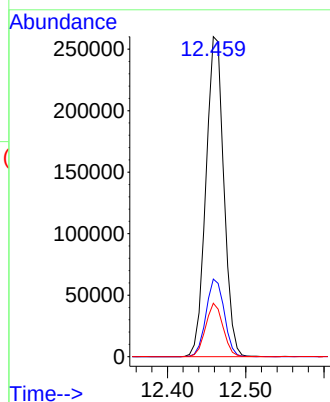
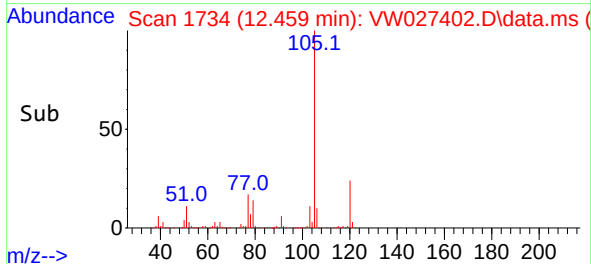


#60
Isopropylbenzene
Concen: 52.729 ug/L
RT: 12.459 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

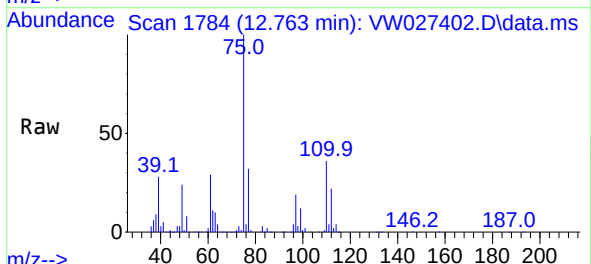
Instrument :
MSVOA_W
ClientSampleId :



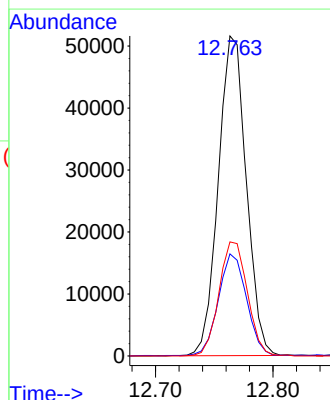
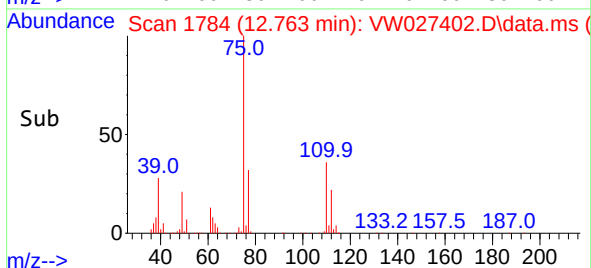
Tgt Ion:105 Resp: 411546
Ion Ratio Lower Upper
105 100
120 24.7 20.1 30.1
77 16.3 12.9 19.3

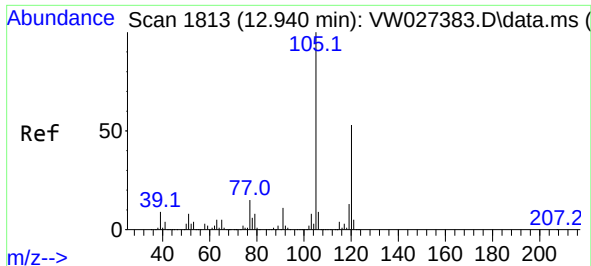


#61
1,2,3-Trichloropropane
Concen: 78.665 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02



Tgt Ion: 75 Resp: 85337
Ion Ratio Lower Upper
75 100
77 32.4 25.4 38.0
110 36.3 29.7 44.5

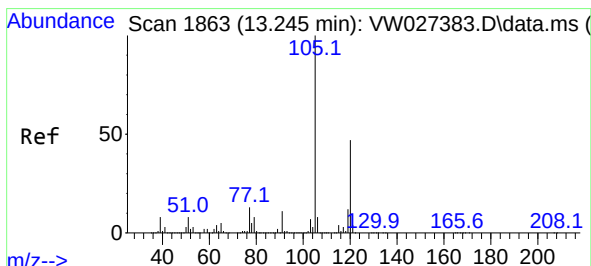
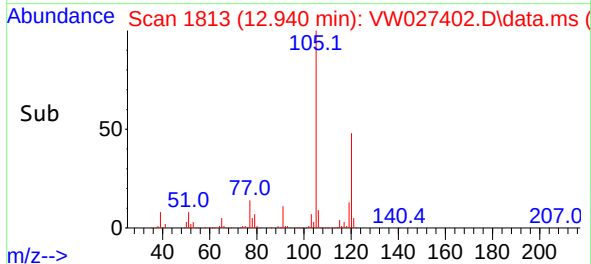
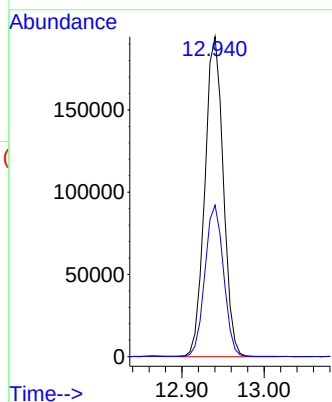
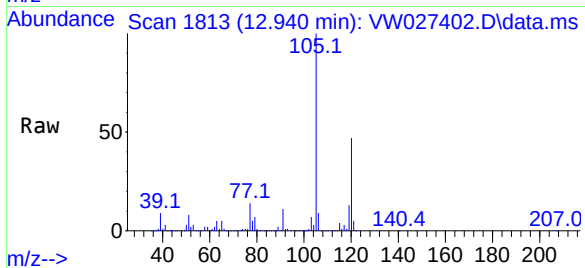




#62
1,3,5-Trimethylbenzene
Concen: 46.509 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

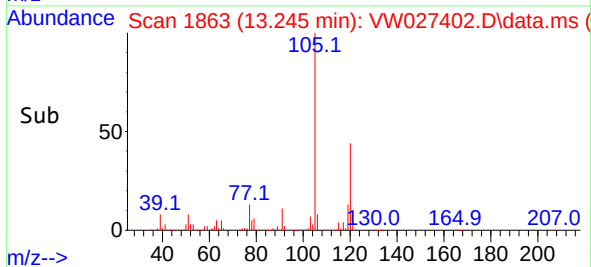
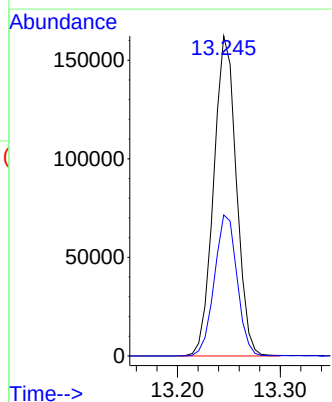
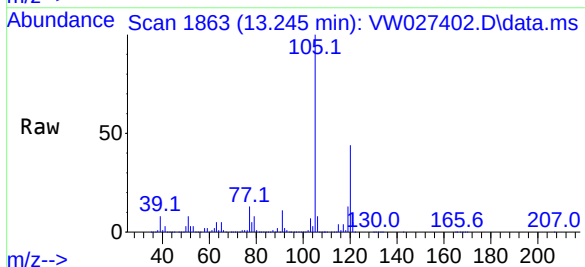
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:105 Resp: 302792
Ion Ratio Lower Upper
105 100
120 47.9 38.8 58.2

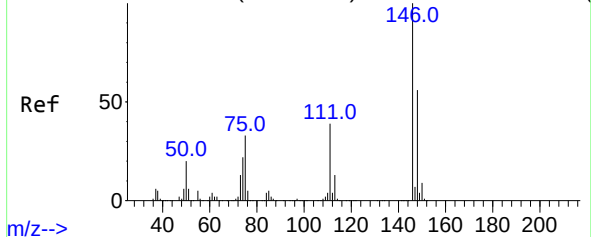


#63
1,2,4-Trimethylbenzene
Concen: 39.015 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

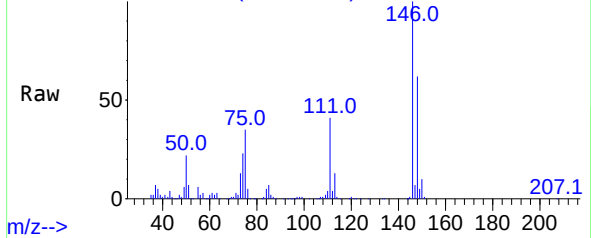
Tgt Ion:105 Resp: 248523
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.2



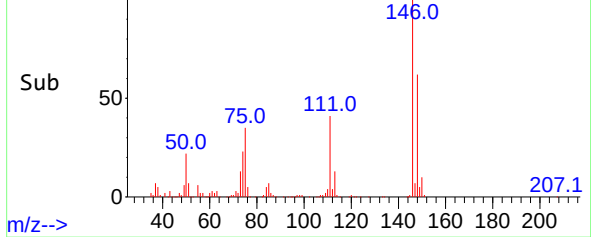
Abundance Scan 1904 (13.495 min): VW027383.D\data.ms (



Abundance Scan 1904 (13.495 min): VW027402.D\data.ms



Abundance Scan 1904 (13.495 min): VW027402.D\data.ms (



#64

1,3-Dichlorobenzene

Concen: 22.099 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.001 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:146 Resp: 69944

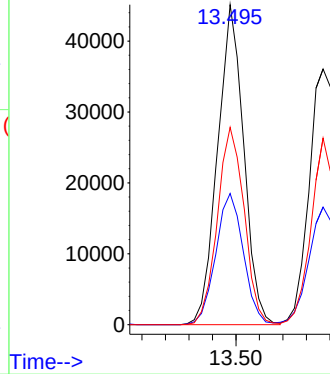
Ion Ratio Lower Upper

146 100

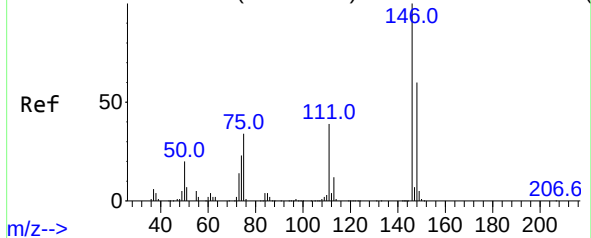
111 41.0 30.8 57.2

148 61.6 46.3 85.9

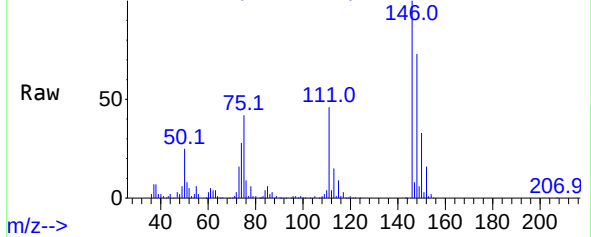
Abundance



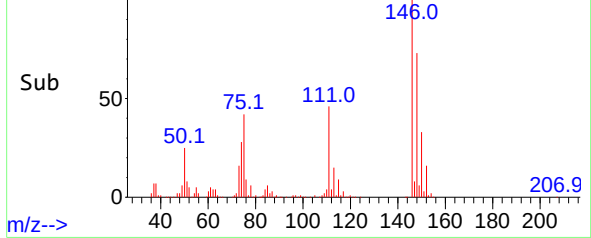
Abundance Scan 1917 (13.574 min): VW027383.D\data.ms (



Abundance Scan 1917 (13.574 min): VW027402.D\data.ms



Abundance Scan 1917 (13.574 min): VW027402.D\data.ms (



#65

1,4-Dichlorobenzene

Concen: 19.709 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.006 min

Lab File: VW027402.D

Acq: 23 Oct 2023 18:02

Tgt Ion:146 Resp: 62294

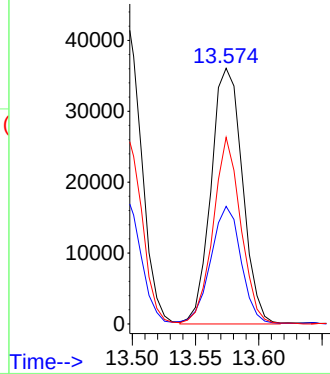
Ion Ratio Lower Upper

146 100

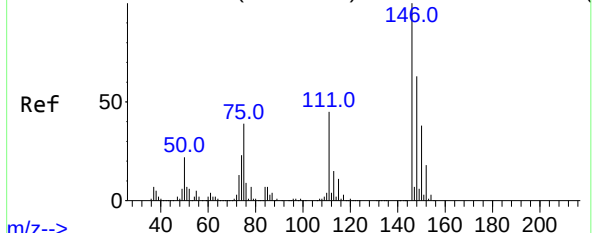
111 46.0 29.5 54.9

148 73.0 43.0 79.8

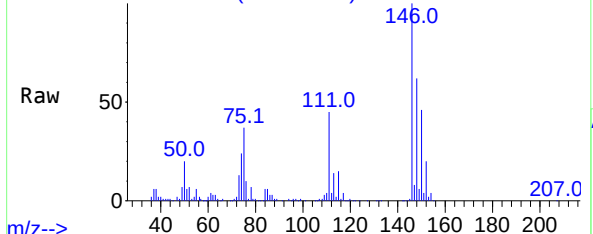
Abundance



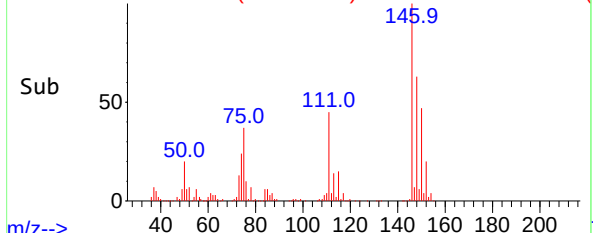
Abundance Scan 1965 (13.867 min): VW027383.D\data.ms (



m/z--> Abundance Scan 1965 (13.867 min): VW027402.D\data.ms

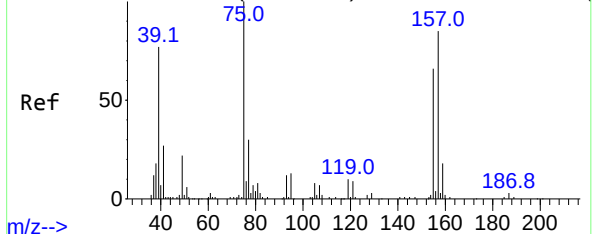


m/z--> Abundance Scan 1965 (13.867 min): VW027402.D\data.ms (

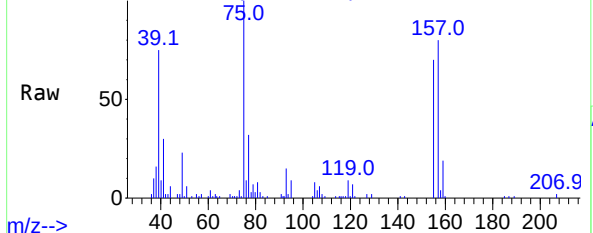


m/z-->

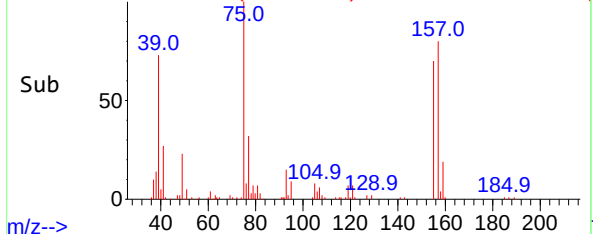
Abundance Scan 2065 (14.476 min): VW027383.D\data.ms (



m/z--> Abundance Scan 2065 (14.477 min): VW027402.D\data.ms



m/z--> Abundance Scan 2065 (14.477 min): VW027402.D\data.ms (

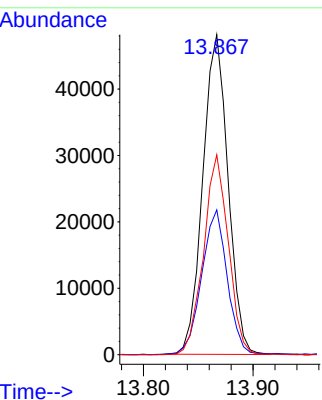


m/z-->

#67
1,2-Dichlorobenzene
Concen: 27.429 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

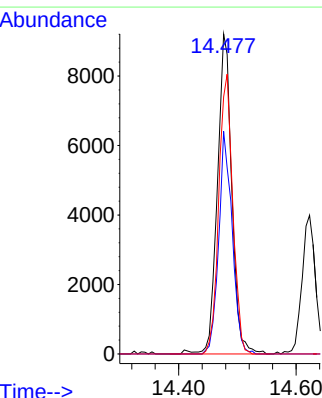
Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	146	Resp:	77035
Ion	Ratio	Lower	Upper
146	100		
111	45.2	36.8	55.2
148	62.4	52.3	78.5

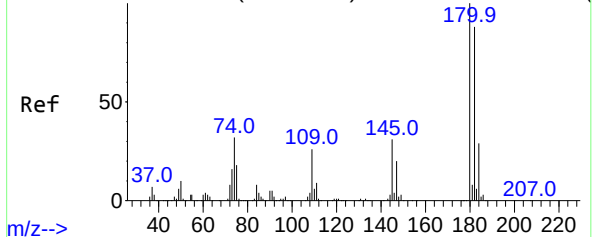


#68
1,2-Dibromo-3-chloropropane
Concen: 58.007 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

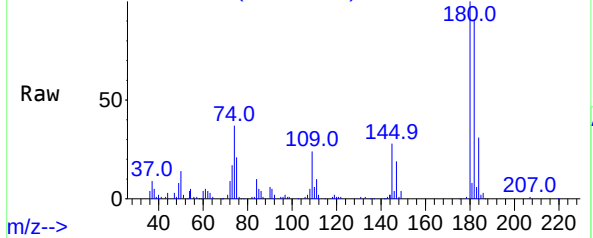
Tgt Ion:	75	Resp:	15727
Ion	Ratio	Lower	Upper
75	100		
155	69.5	54.9	82.3
157	80.4	64.7	97.1



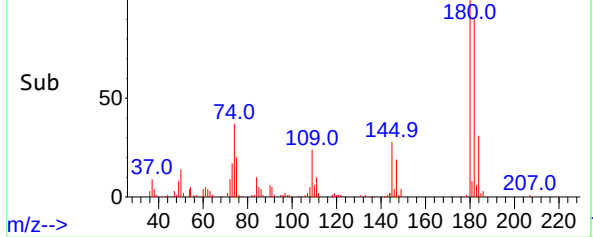
Abundance Scan 2090 (14.629 min): VW027383.D\data.ms (



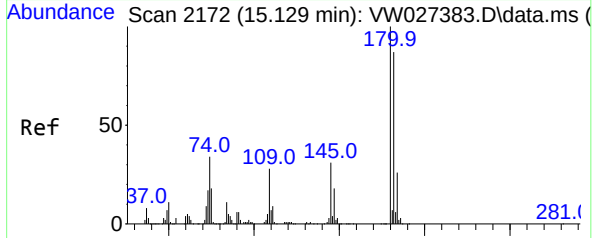
m/z--> Abundance Scan 2089 (14.623 min): VW027402.D\data.ms



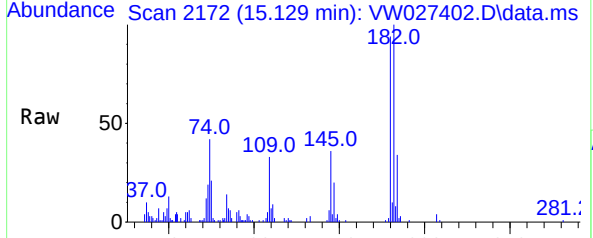
m/z--> Abundance Scan 2089 (14.623 min): VW027402.D\data.ms (



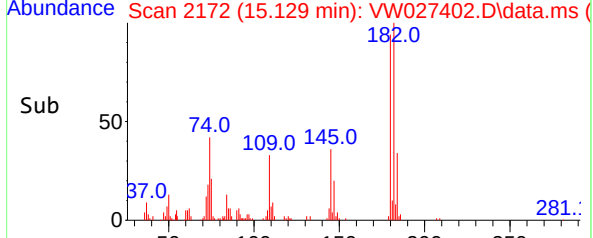
m/z--> Abundance Scan 2172 (15.129 min): VW027383.D\data.ms (



m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms



m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (



m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

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m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

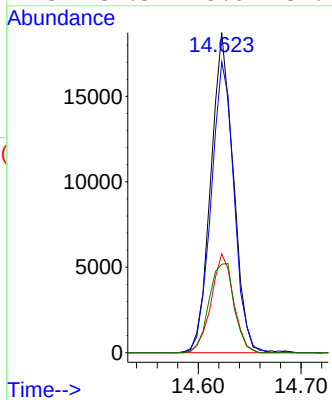
m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

m/z--> Abundance Scan 2172 (15.129 min): VW027402.D\data.ms (

#69
1,3,5-Trichlorobenzene
Concen: 13.866 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

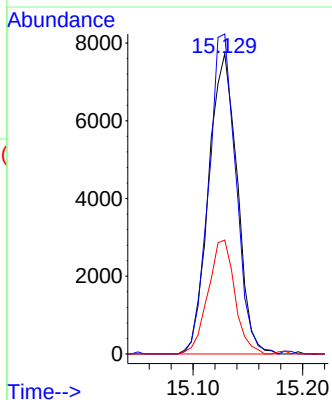
Instrument :
MSVOA_W
ClientSampleId :

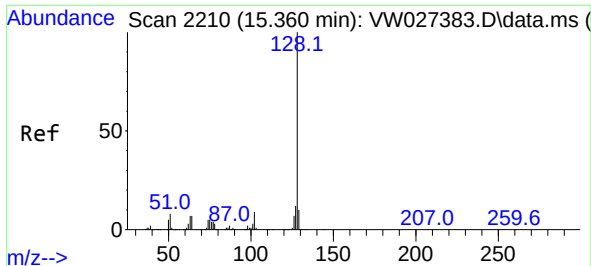
Tgt Ion:	180	Resp:	28489
Ion Ratio	Lower	Upper	
180	100		
182	92.5	73.4	110.0
184	30.6	23.3	34.9
145	31.3	25.0	37.4



#70
1,2,4-trichlorobenzene
Concen: 7.996 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion:	180	Resp:	13983
Ion Ratio	Lower	Upper	
180	100		
182	101.3	75.5	113.3
145	35.6	26.4	39.6

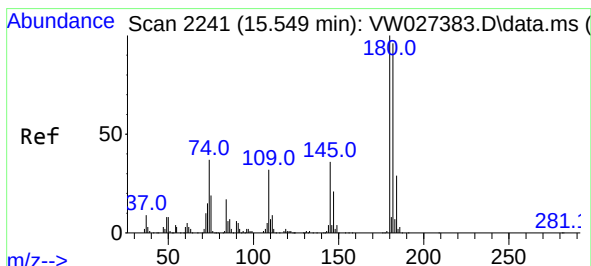
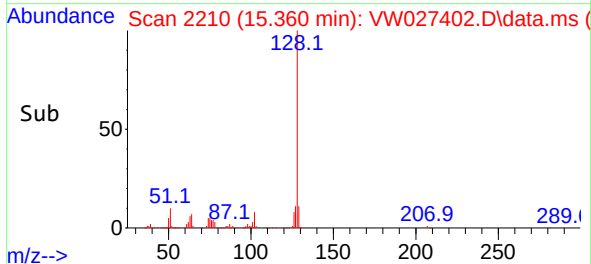
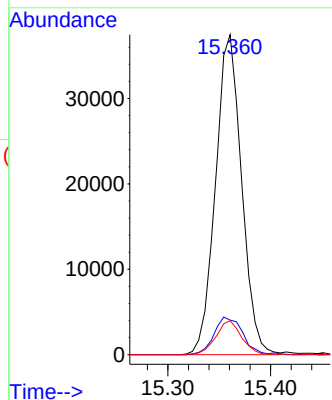
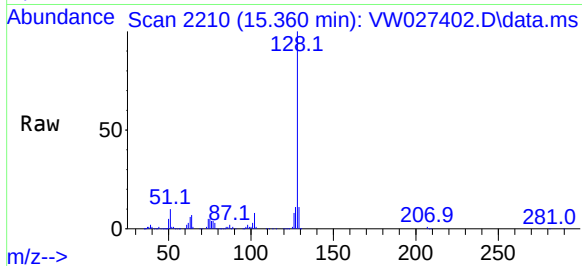




#71
Naphthalene
Concen: 18.341 ug/L
RT: 15.360 min Scan# 21
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	65959
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.0	15.0
129	10.5	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 11.108 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. 0.001 min
Lab File: VW027402.D
Acq: 23 Oct 2023 18:02

Tgt Ion:	180	Resp:	15973
Ion Ratio	Lower	Upper	
180	100		
182	87.8	81.1	121.7
145	33.9	30.6	45.8

