

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102323\
 Data File : VW027401.D
 Acq On : 23 Oct 2023 17:38
 Operator : SY/MD
 Sample : 04961-09MS
 Misc : 6.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ3MS

Quant Time: Oct 24 00:51:30 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	493101	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	307239	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	59154	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	218652	29.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	116.200%
7) Chloroethane-d5	2.899	69	177295	32.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	131.240%
11) 1,1-Dichloroethene-d2	4.021	65	104142	27.618	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.480%#
21) 2-Butanone-d5	7.081	46	141440	56.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.100%
24) Chloroform-d	7.648	84	435393	29.625	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.520%
26) 1,2-Dichloroethane-d4	8.307	65	227426	28.807	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.240%
32) Benzene-d6	8.276	84	877037	42.192	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	168.760%#
36) 1,2-Dichloropropane-d6	9.276	67	273770	43.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	172.480%#
41) Toluene-d8	10.325	98	625879	33.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	132.800%#
43) trans-1,3-Dichloroprop...	10.575	79	80597	27.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.360%
47) 2-Hexanone-d5	10.922	63	95168	72.448	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.900%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	172181	36.348	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	145.400%#
66) 1,2-Dichlorobenzene-d4	13.848	152	71495	33.352	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	133.400%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	112835	19.232	ug/L	93
3) Chloromethane	2.222	50	140994	20.911	ug/L	100
5) Vinyl chloride	2.375	62	154136	20.465	ug/L	98
6) Bromomethane	2.789	94	81962	19.106	ug/L	99
8) Chloroethane	2.936	64	88752	20.472	ug/L	99
9) Trichlorofluoromethane	3.265	101	116703	21.964	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	119600	17.975	ug/L #	72
12) 1,1-Dichloroethene	4.045	96	121138	18.735	ug/L	94
13) Acetone	4.131	43	90795	42.027	ug/L	100
14) Carbon disulfide	4.393	76	331231	16.524	ug/L	99
15) Methyl Acetate	4.673	43	65356	17.712	ug/L	99
16) Methylene chloride	4.923	84	148718	16.476	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	137080	19.726	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	233959	19.514	ug/L	99
19) 1,1-Dichloroethane	6.222	63	301976	21.299	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	311783	39.729	ug/L	97
22) 2-Butanone	7.173	43	99729	30.841	ug/L	98
23) Bromochloromethane	7.514	128	57448	17.731	ug/L	88
25) Chloroform	7.679	83	254959	19.214	ug/L	98

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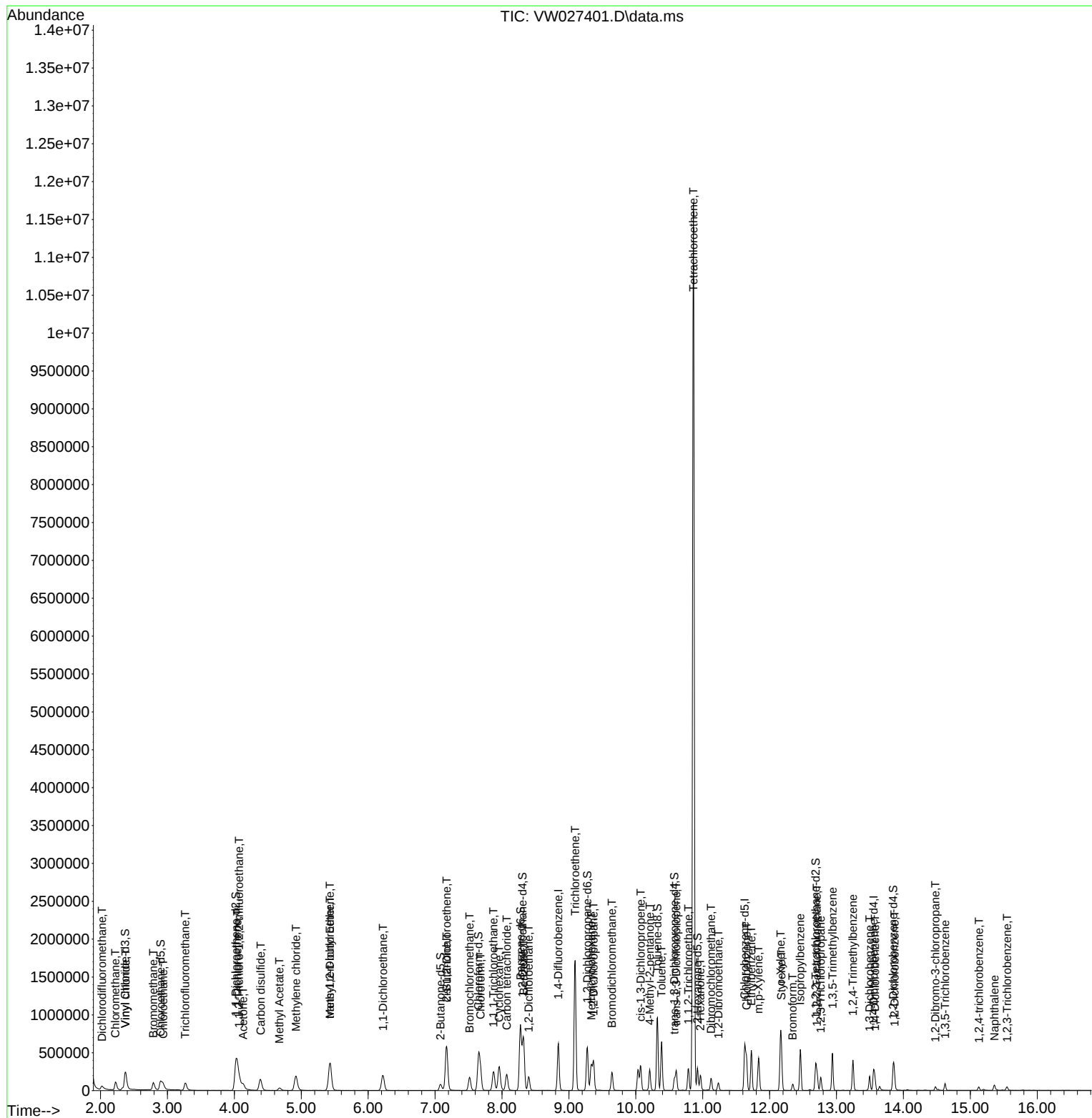
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	163862	18.179	ug/L	99
29) Cyclohexane	7.959	56	194990	20.902	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	203860	27.201	ug/L	97
31) Carbon tetrachloride	8.069	117	165291	24.459	ug/L	97
33) Benzene	8.325	78	539806	26.884	ug/L	100
34) Trichloroethene	9.093	95	615376	116.024	ug/L	95
35) Methylcyclohexane	9.337	83	135296	14.264	ug/L	99
37) 1,2-Dichloropropane	9.367	63	148397	27.333	ug/L	99
38) Bromodichloromethane	9.642	83	161291	24.160	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	200092	22.311	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	188193	50.404	ug/L	98
42) Toluene	10.386	91	448373	21.286	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	140370	18.550	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	90714	24.281	ug/L	96
46) Tetrachloroethene	10.861	164	2486720	679.000	ug/L	95
48) 2-Hexanone	10.965	43	127235	46.042	ug/L	97
49) Dibromochloromethane	11.123	129	81913	19.742	ug/L	91
50) 1,2-Dibromoethane	11.233	107	67792	18.716	ug/L	98
51) Chlorobenzene	11.654	112	216668	16.426	ug/L	97
52) Ethylbenzene	11.727	91	364136	14.876	ug/L	95
53) m,p-Xylene	11.837	106	130083	14.012	ug/L	98
54) o-Xylene	12.166	106	154704	17.401	ug/L	99
55) Styrene	12.178	104	197777	13.026	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	100365	22.006	ug/L	100
59) Bromoform	12.343	173	36847	41.861	ug/L	97
60) Isopropylbenzene	12.458	105	338814	36.460	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	72892	56.435	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	254668	32.854	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	211132	27.838	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	62905	16.693	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	58917	15.656	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	69268	20.715	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12755	39.513	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	23489	9.602	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	12526	6.016	ug/L	100
71) Naphthalene	15.360	128	58177	13.587	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	13781	8.049	ug/L	95

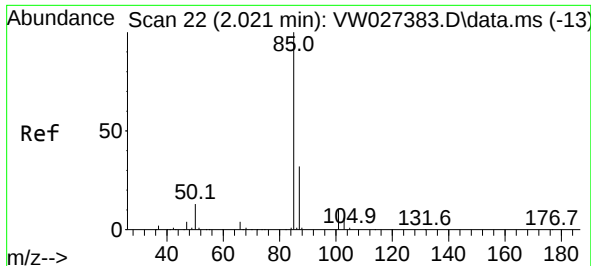
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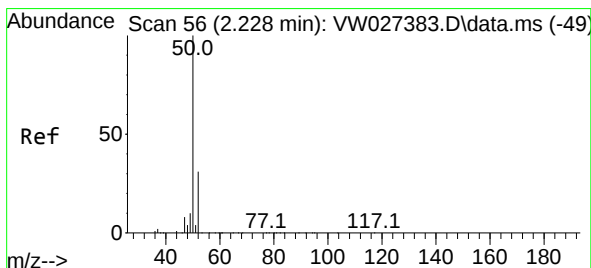
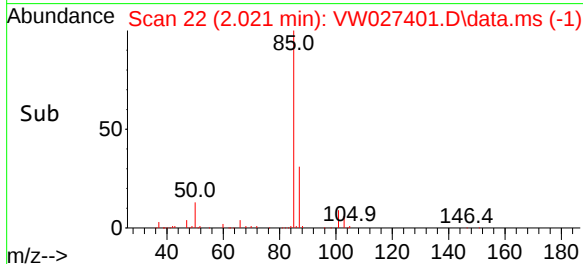
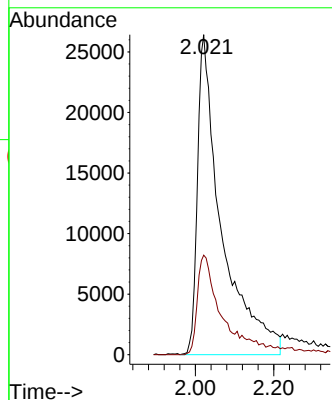
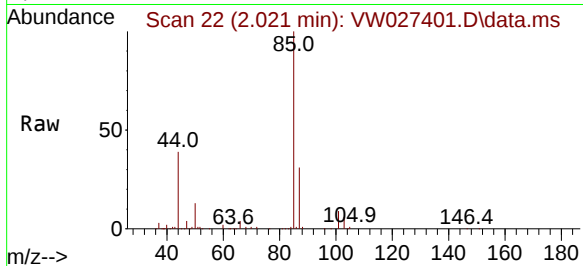




#2
Dichlorodifluoromethane
Concen: 19.232 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

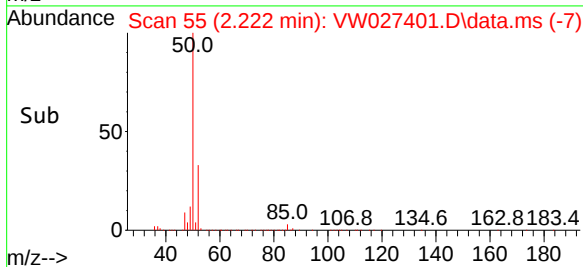
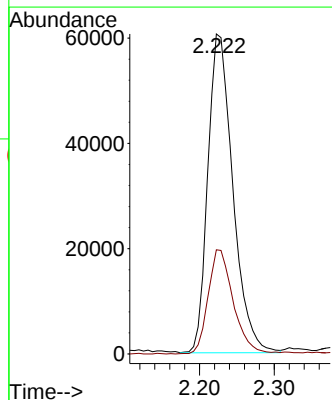
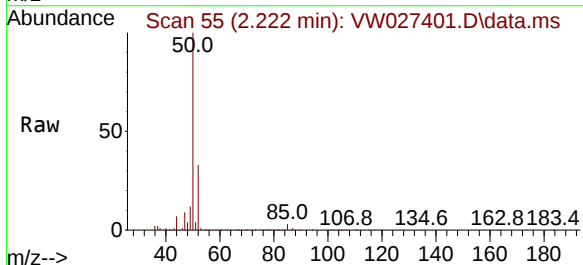
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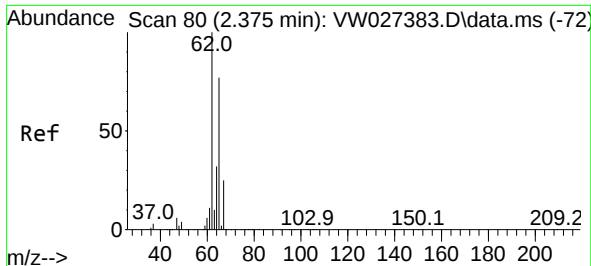
Tgt Ion: 85 Resp: 112835
Ion Ratio Lower Upper
85 100
87 26.2 18.3 27.5



#3
Chloromethane
Concen: 20.911 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 50 Resp: 140994
Ion Ratio Lower Upper
50 100
52 32.5 22.7 42.3

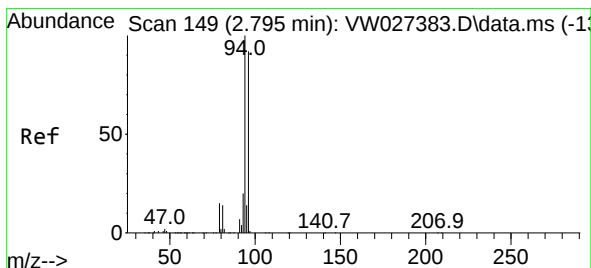
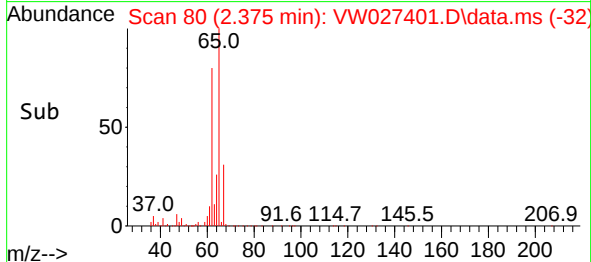
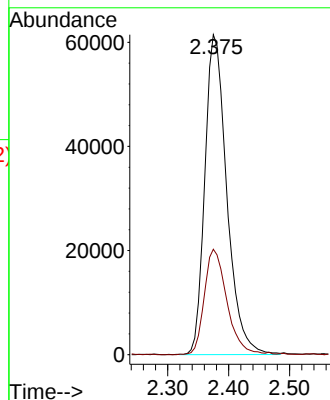
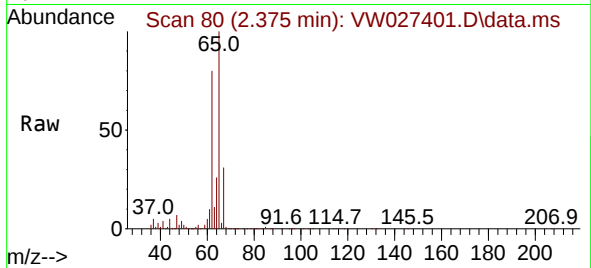




#5
 Vinyl chloride
 Concen: 20.465 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW027401.D
 Acq: 23 Oct 2023 17:38

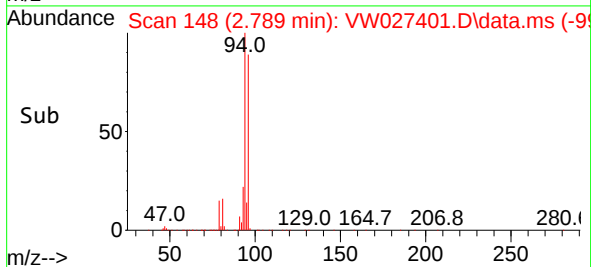
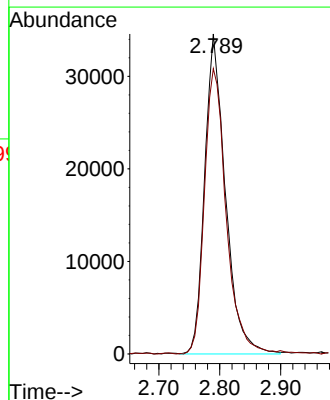
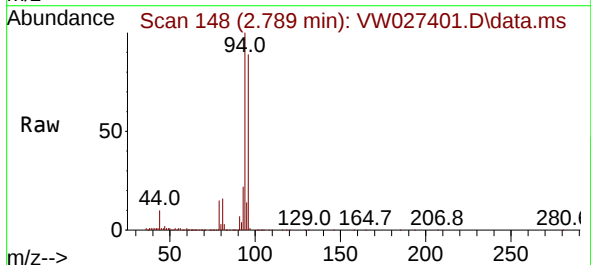
Instrument :
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 ClientSampleId :
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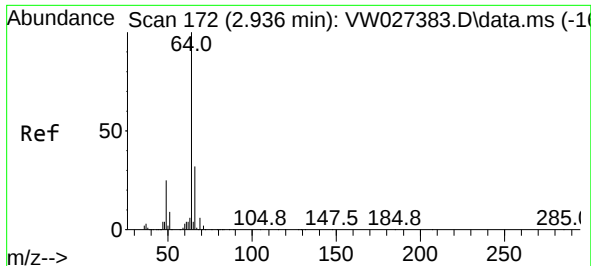
Tgt Ion: 62 Resp: 154136
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#6
 Bromomethane
 Concen: 19.106 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027401.D
 Acq: 23 Oct 2023 17:38

Tgt Ion: 94 Resp: 81962
 Ion Ratio Lower Upper
 94 100
 96 89.2 62.9 116.9

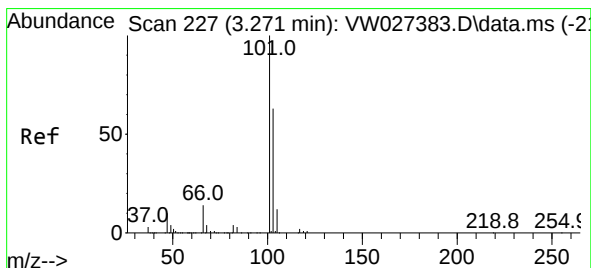
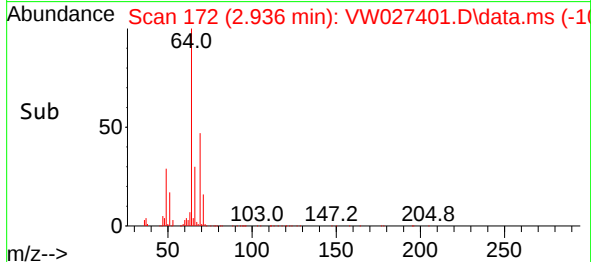
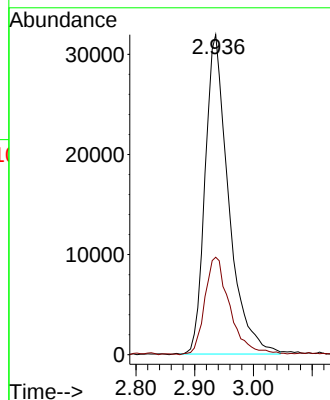
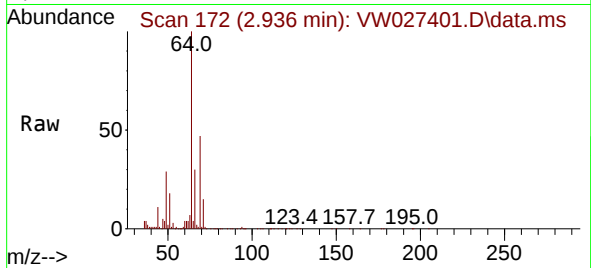




#8
Chloroethane
Concen: 20.472 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

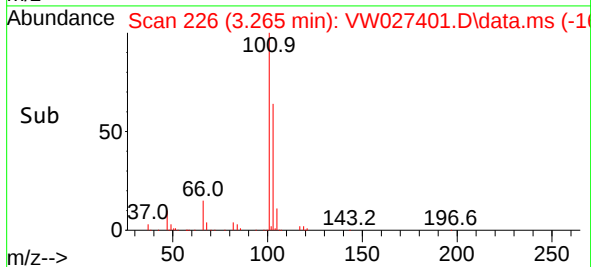
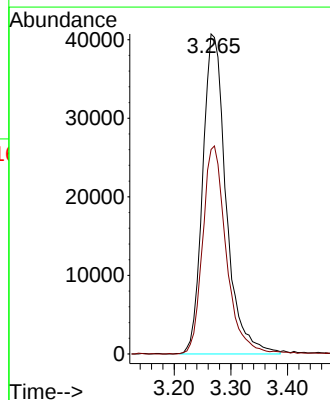
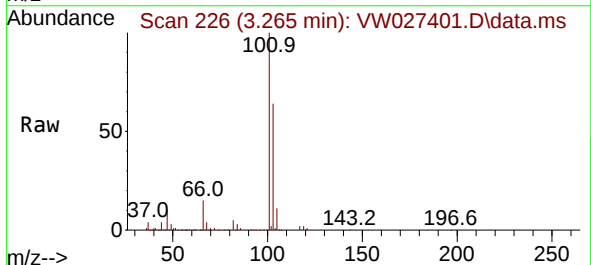
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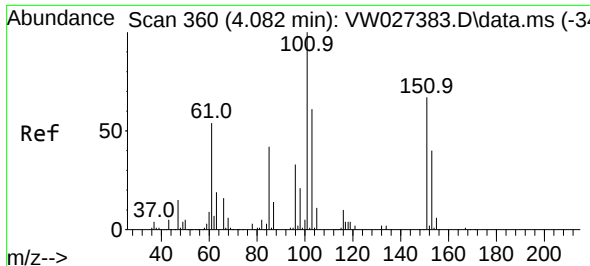
Tgt Ion: 64 Resp: 88752
Ion Ratio Lower Upper
64 100
66 30.5 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.964 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 101 Resp: 116703
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

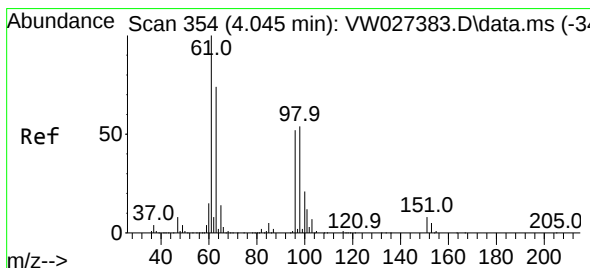
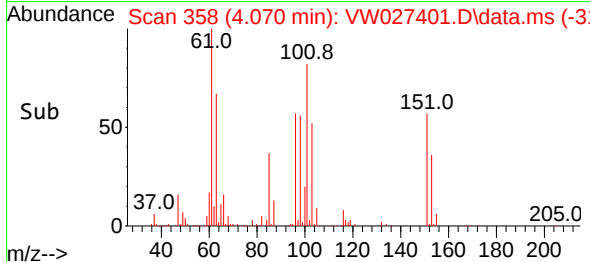
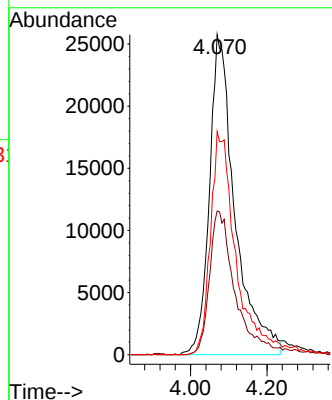
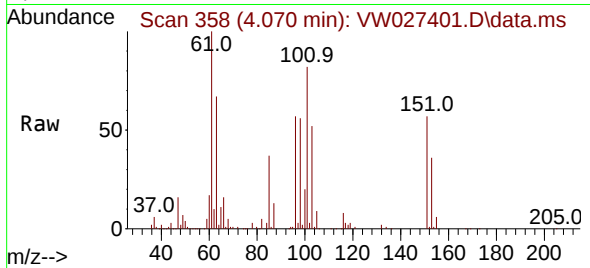




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 17.975 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.006 min
 Lab File: VW027401.D
 Acq: 23 Oct 2023 17:38

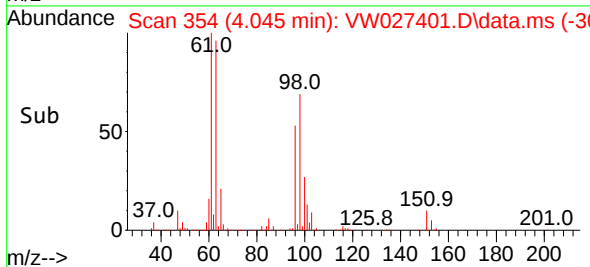
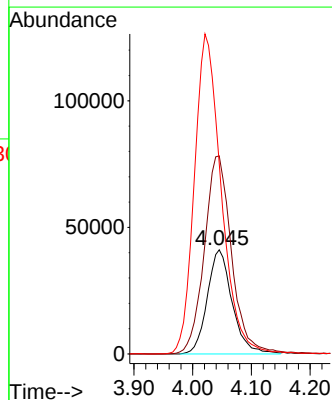
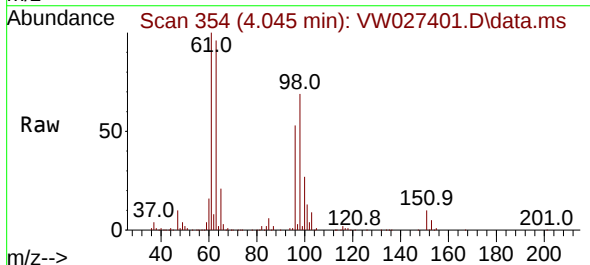
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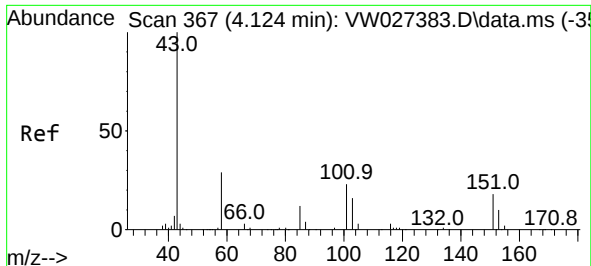
Tgt Ion:101 Resp: 119600
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.1 51.1
 151 27.0 49.5 74.3#



#12
 1,1-Dichloroethene
 Concen: 18.735 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW027401.D
 Acq: 23 Oct 2023 17:38

Tgt Ion: 96 Resp: 121138
 Ion Ratio Lower Upper
 96 100
 61 190.3 133.3 247.5
 63 182.9 115.8 215.2

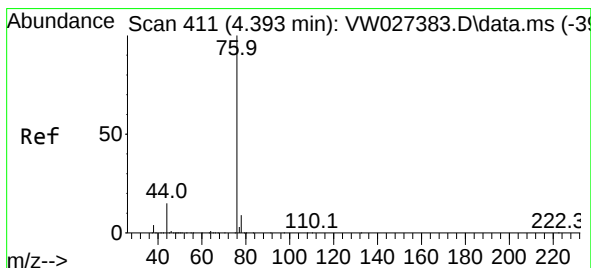
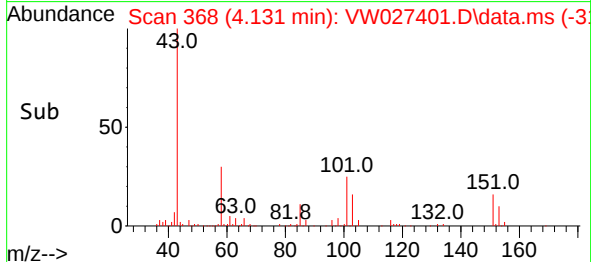
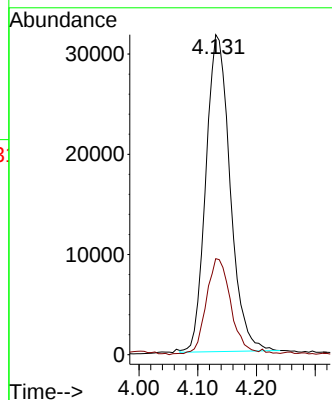
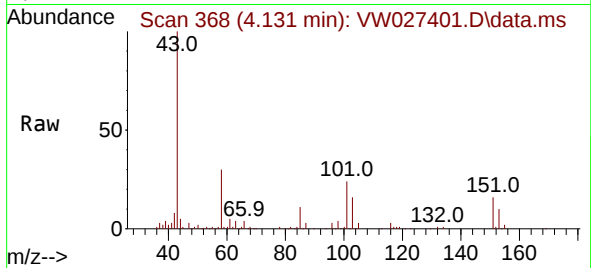




#13
Acetone
Concen: 42.027 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.013 min
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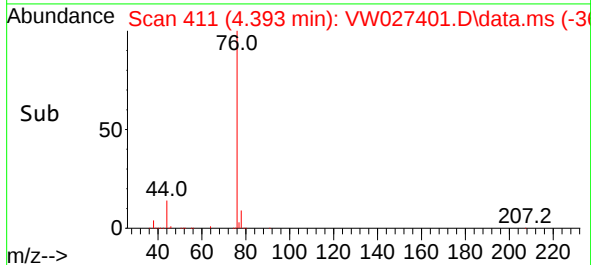
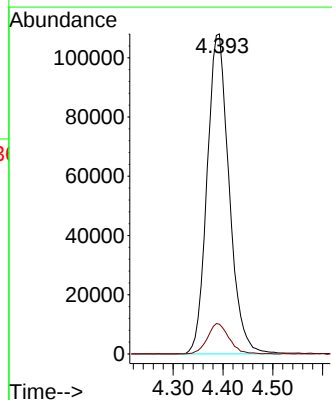
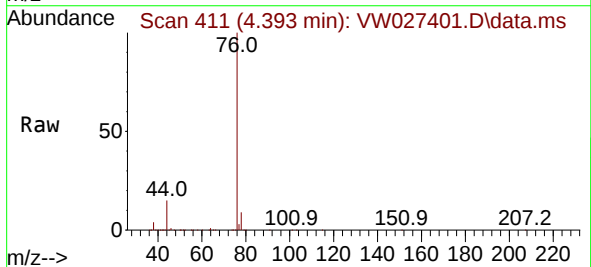
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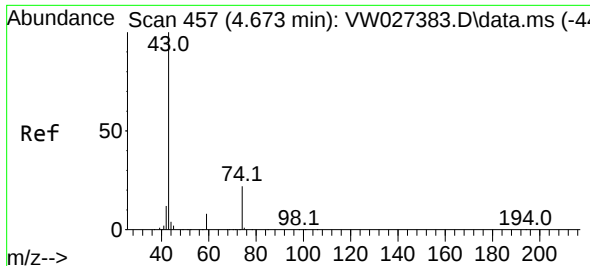
Tgt Ion: 43 Resp: 90795
Ion Ratio Lower Upper
43 100
58 30.4 0.0 60.8



#14
Carbon disulfide
Concen: 16.524 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 331231
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

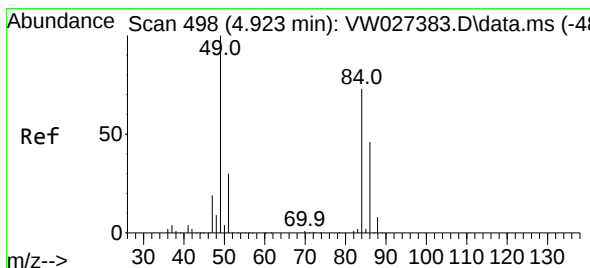
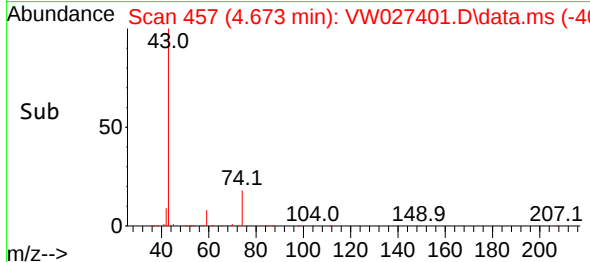
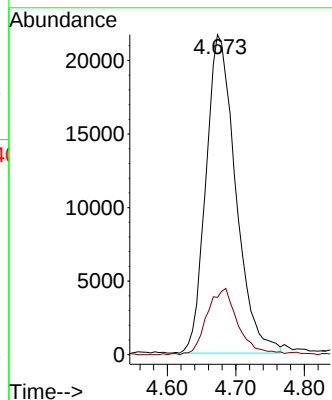
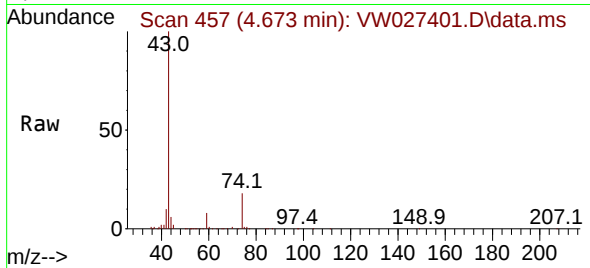




#15
Methyl Acetate
Concen: 17.712 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

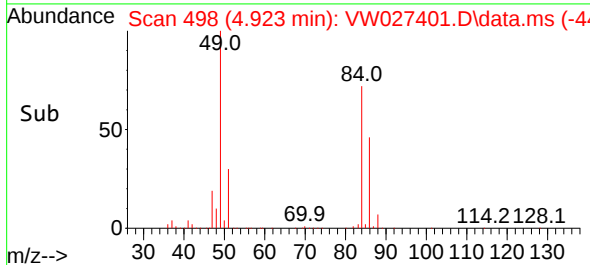
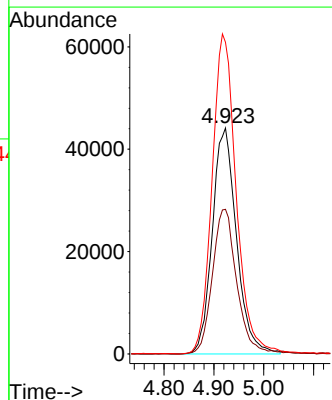
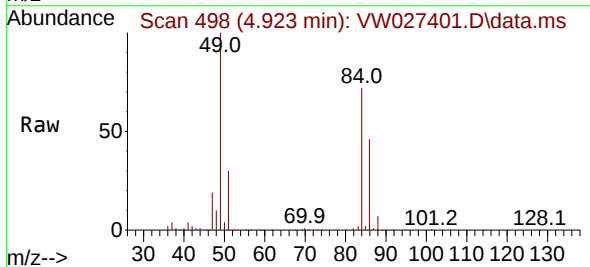
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

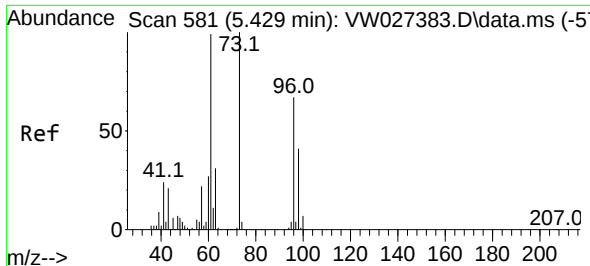
Tgt Ion: 43 Resp: 65356
Ion Ratio Lower Upper
43 100
74 21.5 17.5 26.3



#16
Methylene chloride
Concen: 16.476 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 84 Resp: 148718
Ion Ratio Lower Upper
84 100
86 64.0 41.3 76.7
49 138.0 92.8 172.4

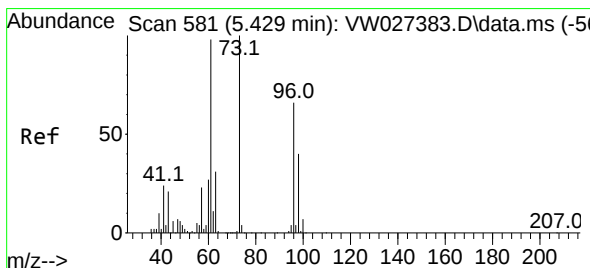
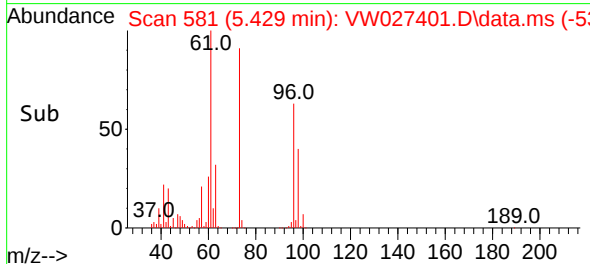
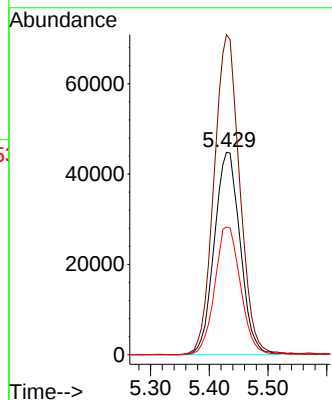
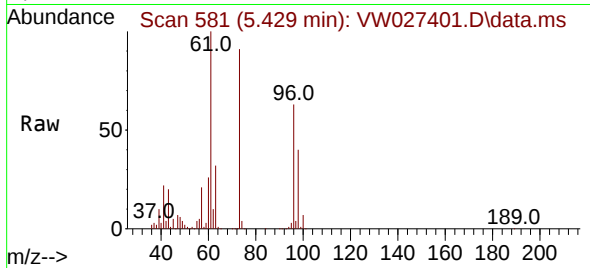




#17
trans-1,2-Dichloroethene
Concen: 19.726 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

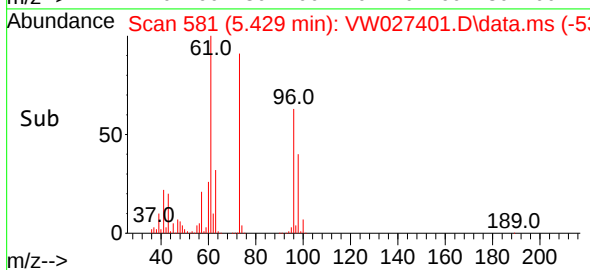
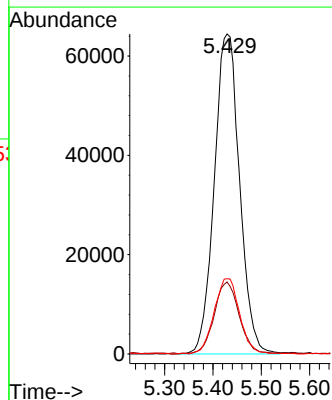
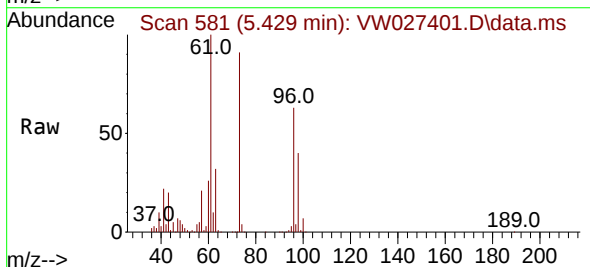
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

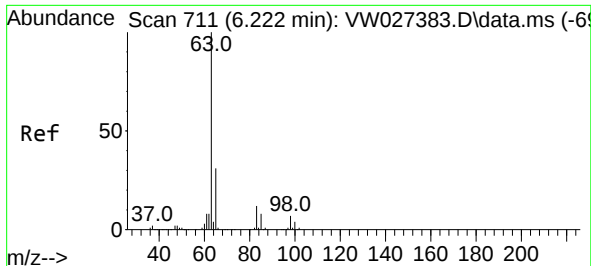
Tgt Ion: 96 Resp: 137080
Ion Ratio Lower Upper
96 100
61 158.1 105.6 196.0
98 63.1 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 19.514 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 73 Resp: 233959
Ion Ratio Lower Upper
73 100
43 22.0 17.7 26.5
57 23.6 18.5 27.7

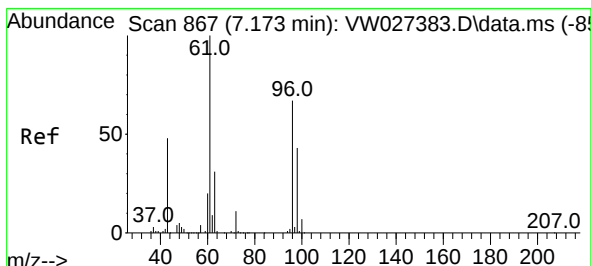
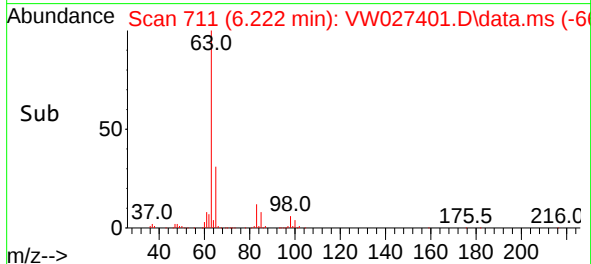
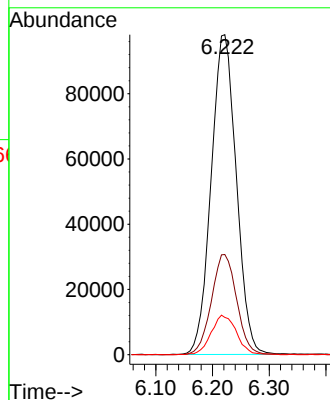
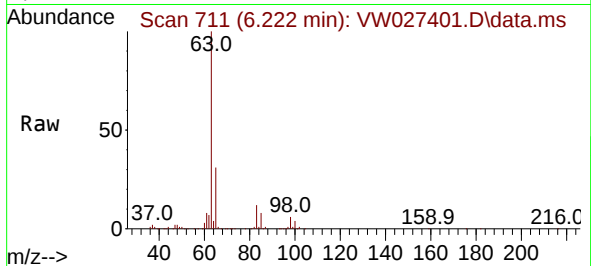




#19
1,1-Dichloroethane
Concen: 21.299 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

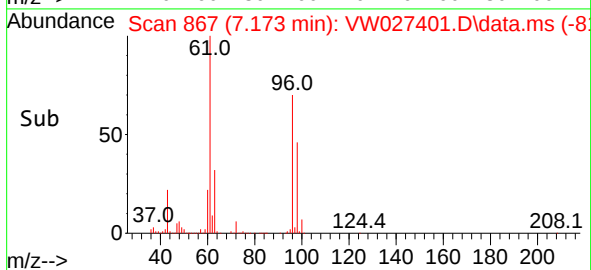
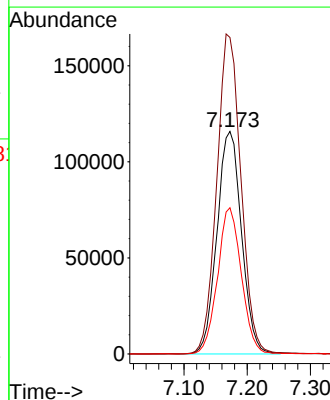
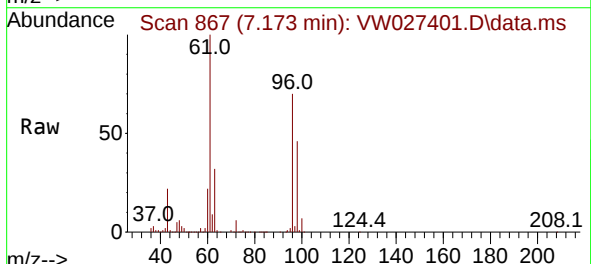
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

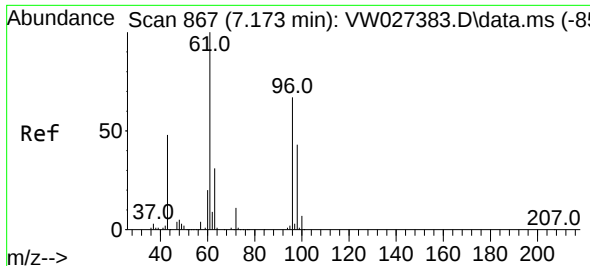
Tgt Ion: 63 Resp: 301976
Ion Ratio Lower Upper
63 100
65 31.3 22.9 42.5
83 11.7 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 39.729 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 96 Resp: 311783
Ion Ratio Lower Upper
96 100
61 142.2 96.2 178.8
98 65.7 46.0 85.4

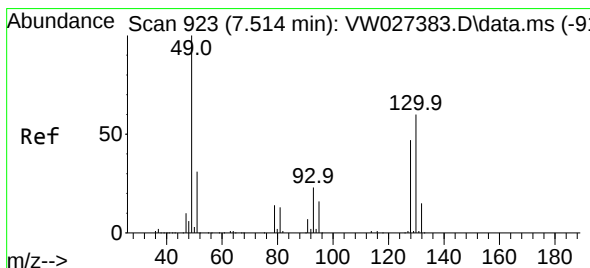
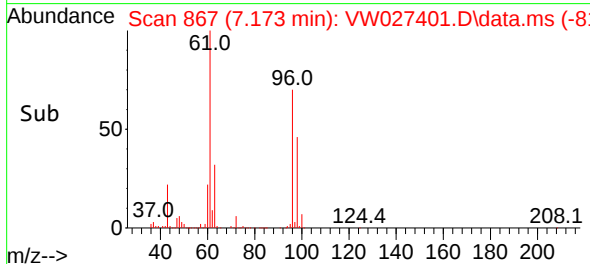
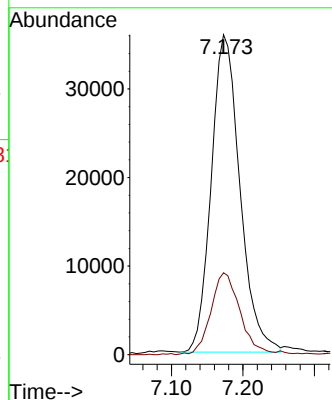
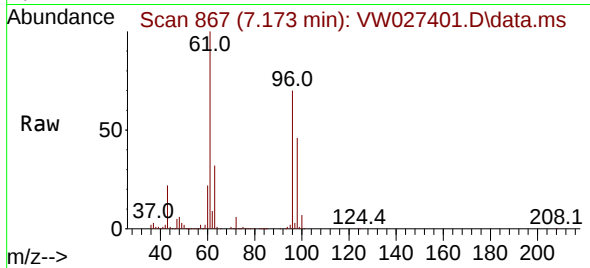




#22
2-Butanone
Concen: 30.841 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

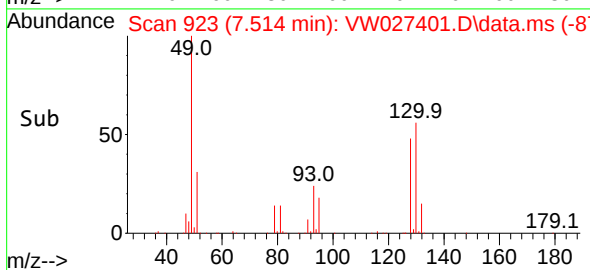
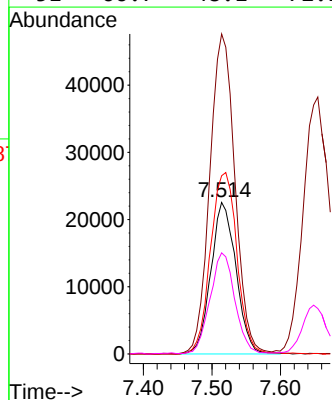
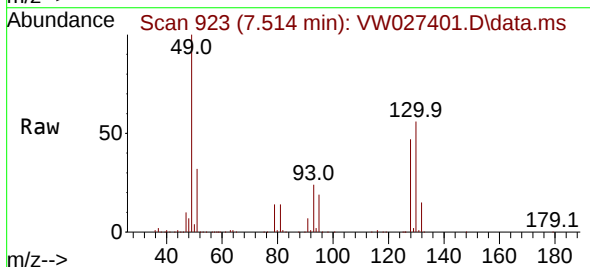
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

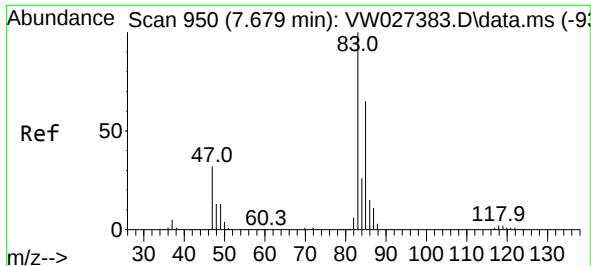
Tgt Ion: 43 Resp: 99729
Ion Ratio Lower Upper
43 100
72 25.6 12.3 36.8



#23
Bromochloromethane
Concen: 17.731 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 128 Resp: 57448
Ion Ratio Lower Upper
128 100
49 211.1 128.9 239.5
130 117.6 85.0 157.8
51 66.7 48.1 72.1

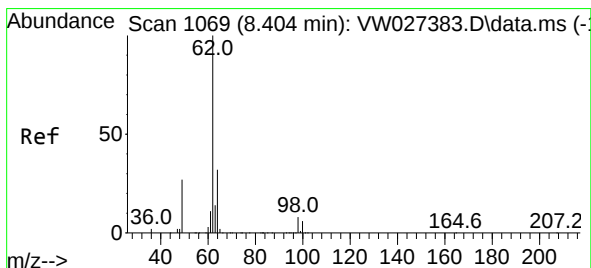
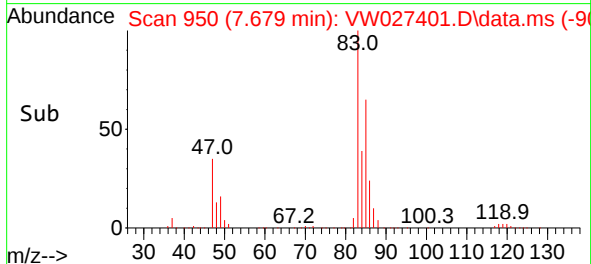
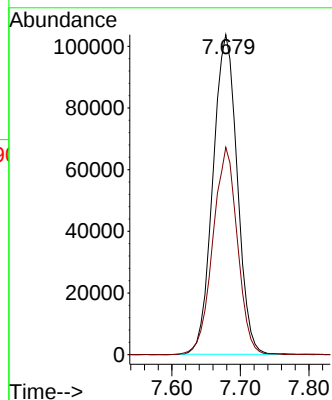
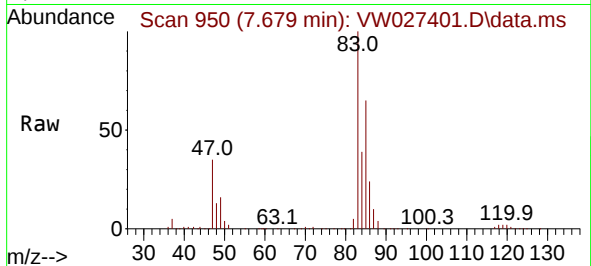




#25
Chloroform
Concen: 19.214 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

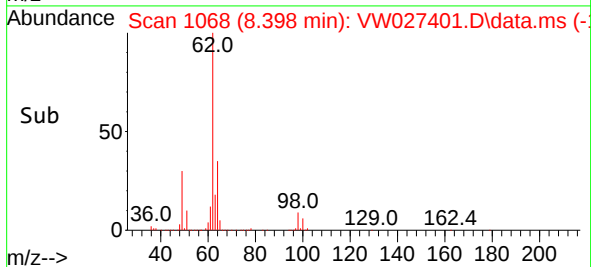
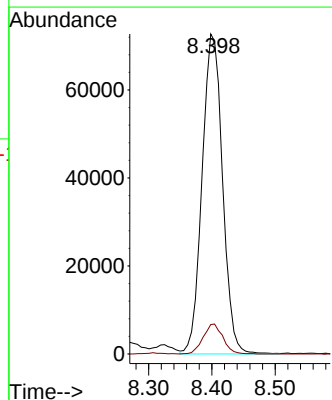
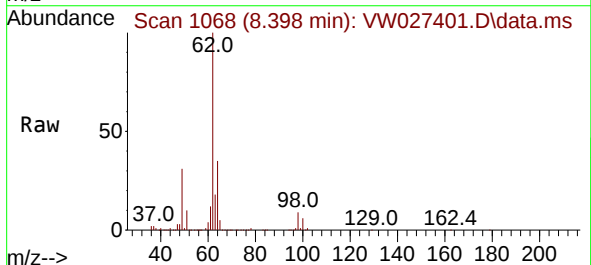
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

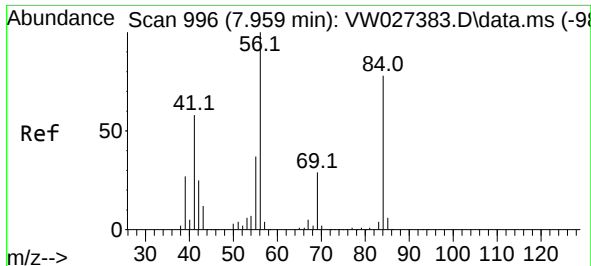
Tgt Ion: 83 Resp: 254959
Ion Ratio Lower Upper
83 100
85 64.8 44.1 81.9



#27
1,2-Dichloroethane
Concen: 18.179 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 62 Resp: 163862
Ion Ratio Lower Upper
62 100
98 9.2 7.5 11.3

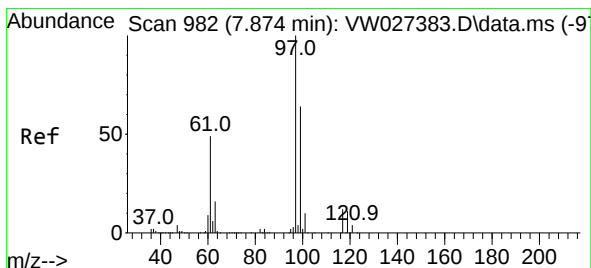
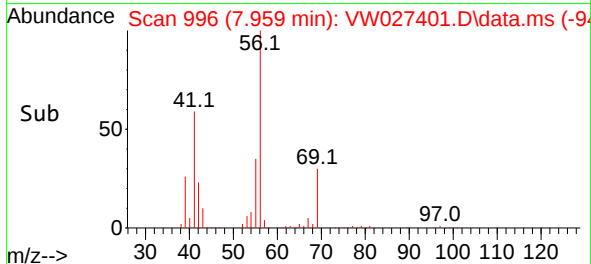
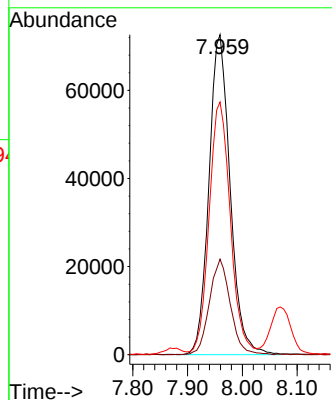
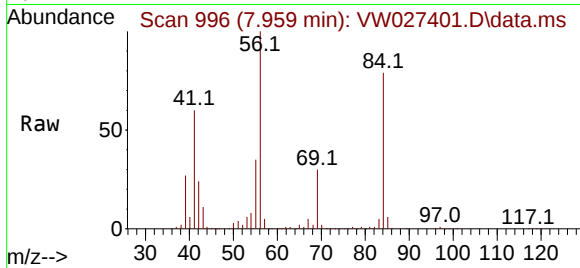




#29
Cyclohexane
Concen: 20.902 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

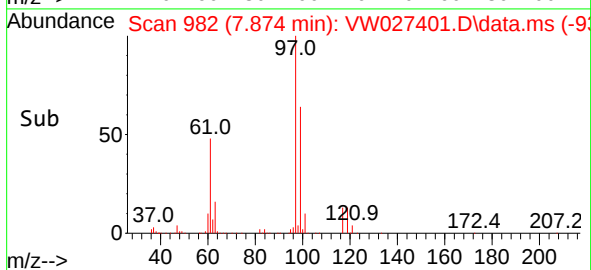
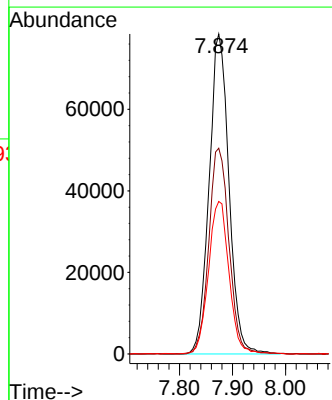
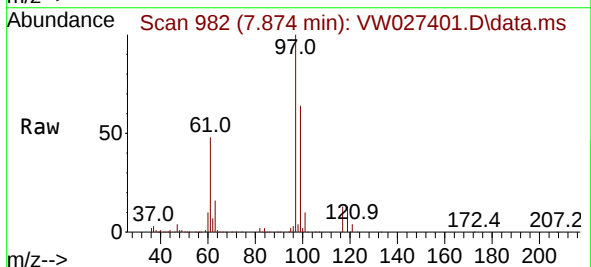
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

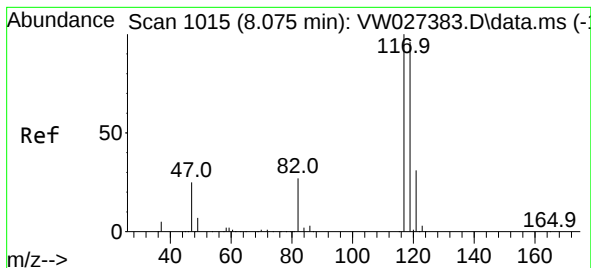
Tgt Ion: 56 Resp: 194990
Ion Ratio Lower Upper
56 100
69 29.4 24.2 36.4
84 79.1 65.1 97.7



#30
1,1,1-Trichloroethane
Concen: 27.201 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 97 Resp: 203860
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 49.3 37.4 56.0





#31

Carbon tetrachloride

Concen: 24.459 ug/L

RT: 8.069 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

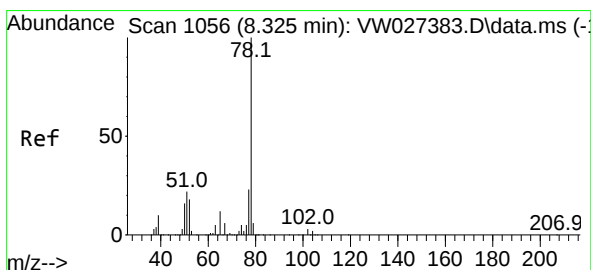
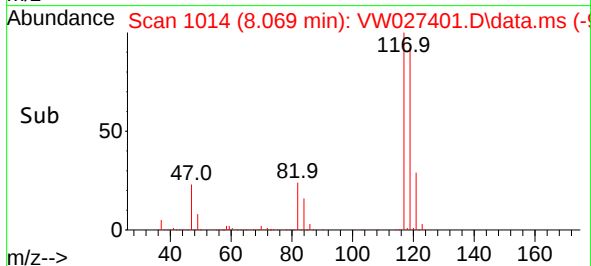
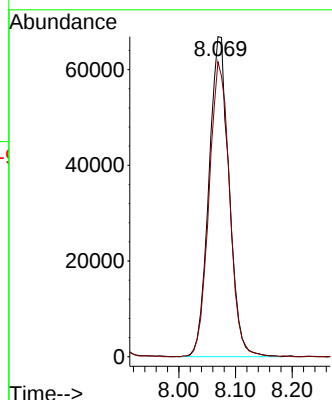
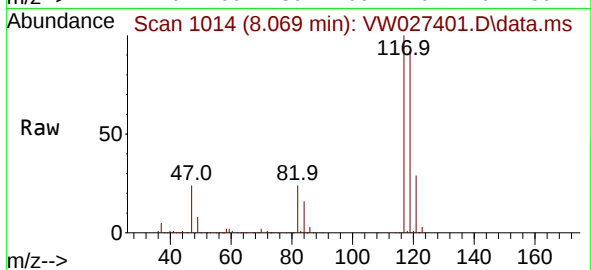
E0LJ3MS

Tgt Ion:117 Resp: 165291

Ion Ratio Lower Upper

117 100

119 93.9 77.1 115.7



#33

Benzene

Concen: 26.884 ug/L

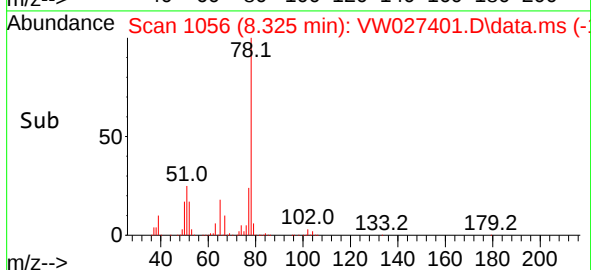
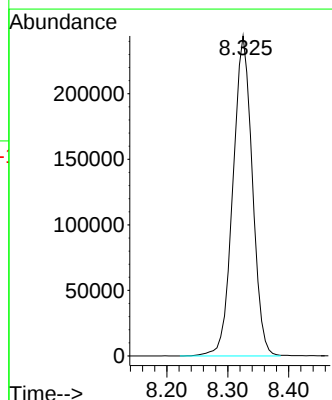
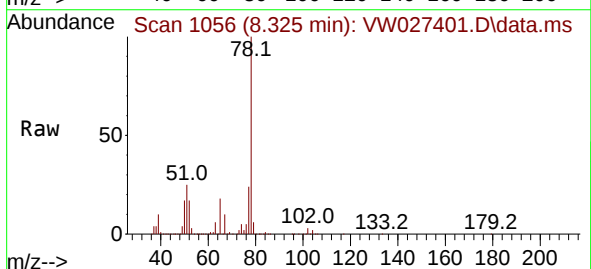
RT: 8.325 min Scan# 1056

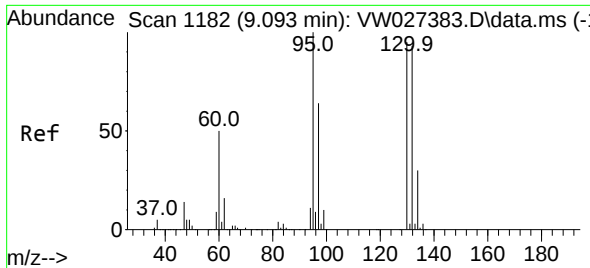
Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Tgt Ion: 78 Resp: 539806



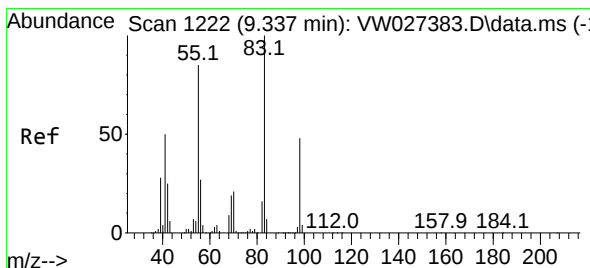
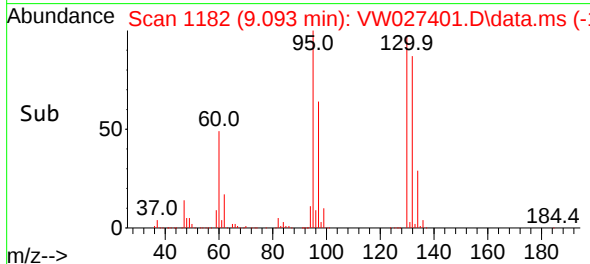
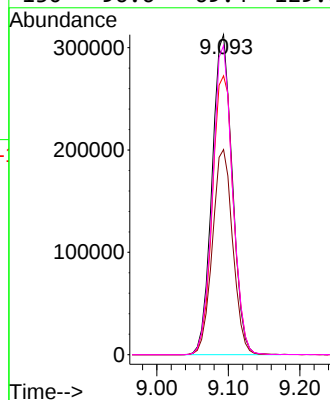
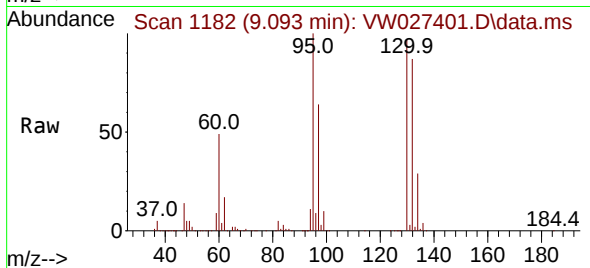


#34
Trichloroethene
Concen: 116.024 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

Tgt Ion: 95 Resp: 615376

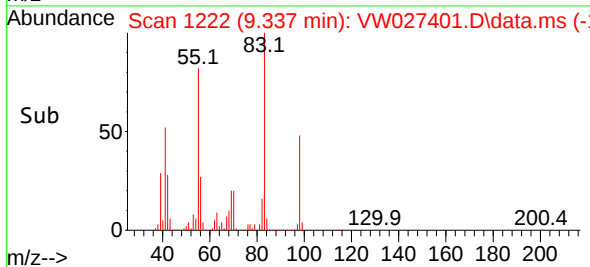
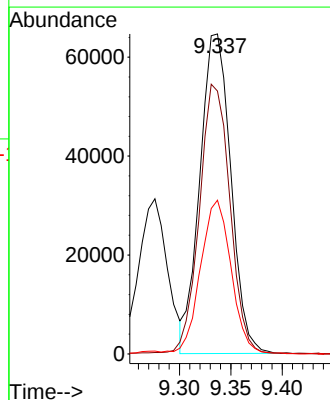
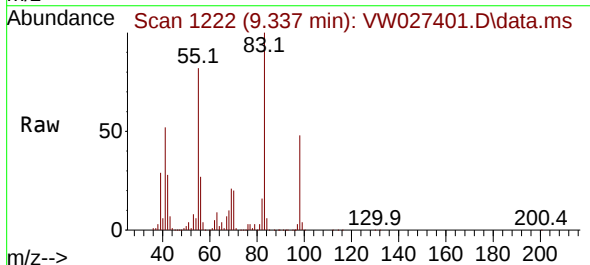
Ion	Ratio	Lower	Upper
95	100		
97	64.1	43.4	80.6
132	87.2	67.6	125.6
130	96.6	69.4	129.0

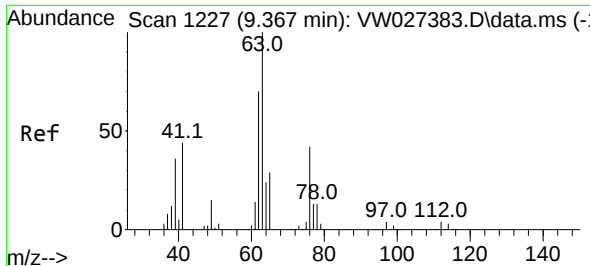


#35
Methylcyclohexane
Concen: 14.264 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 83 Resp: 135296

Ion	Ratio	Lower	Upper
83	100		
55	83.8	65.8	98.8
98	46.9	38.1	57.1





#37

1,2-Dichloropropane

Concen: 27.333 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

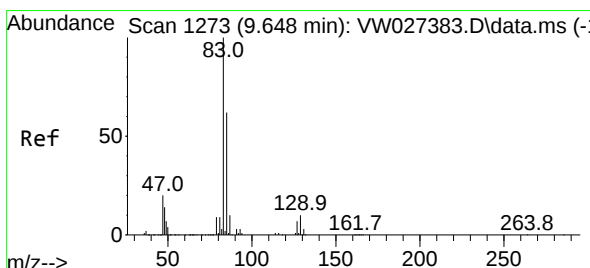
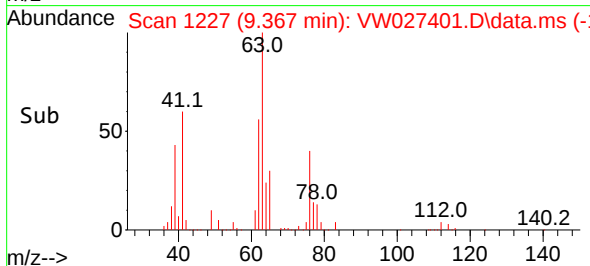
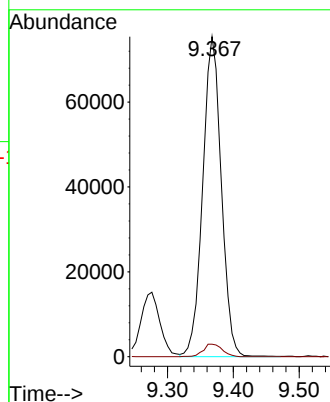
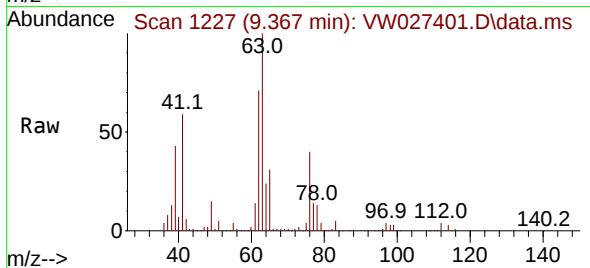
E0LJ3MS

Tgt Ion: 63 Resp: 148397

Ion Ratio Lower Upper

63 100

112 4.0 3.5 5.3



#38

Bromodichloromethane

Concen: 24.160 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

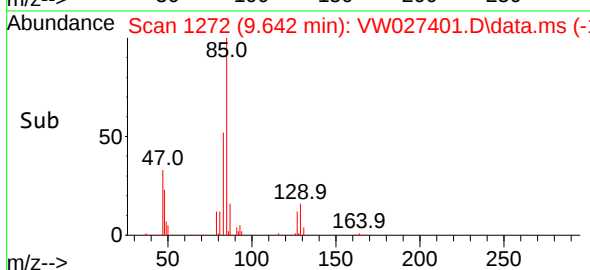
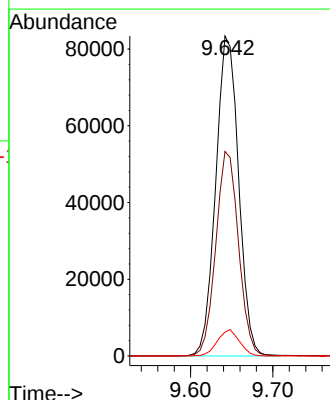
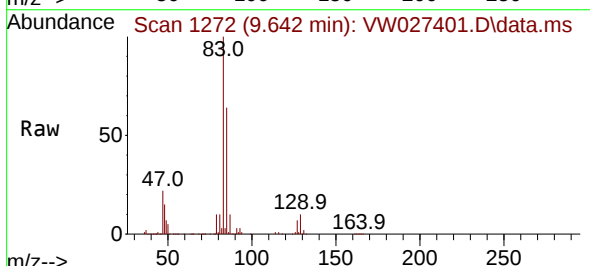
Tgt Ion: 83 Resp: 161291

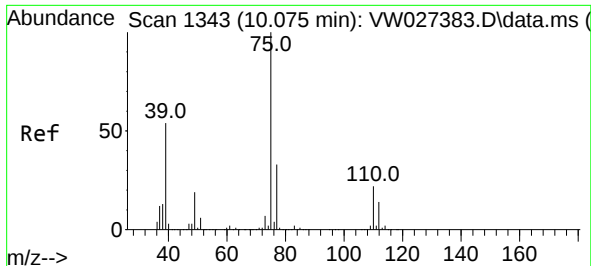
Ion Ratio Lower Upper

83 100

85 63.9 43.9 81.5

127 7.4 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 22.311 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

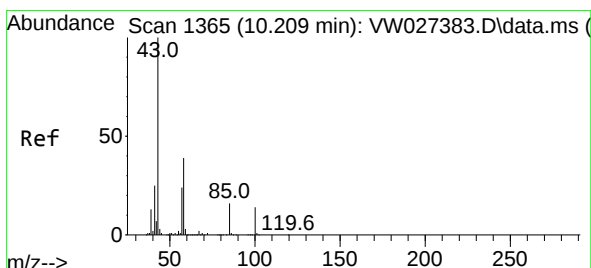
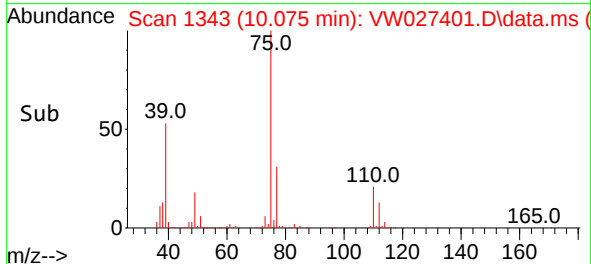
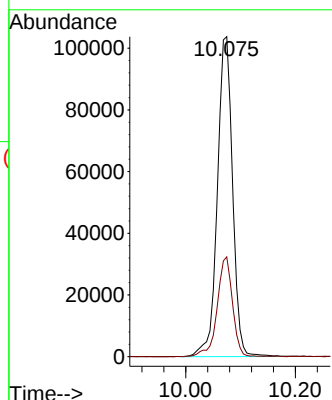
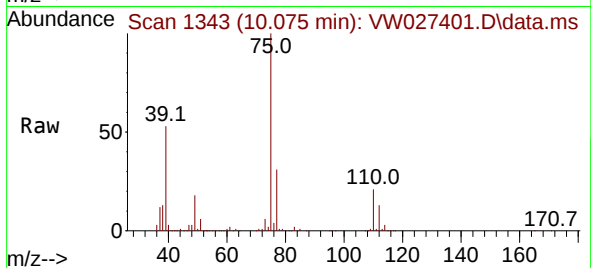
E0LJ3MS

Tgt Ion: 75 Resp: 200092

Ion Ratio Lower Upper

75 100

77 31.2 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 50.404 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

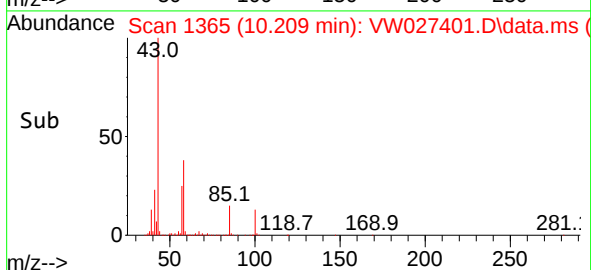
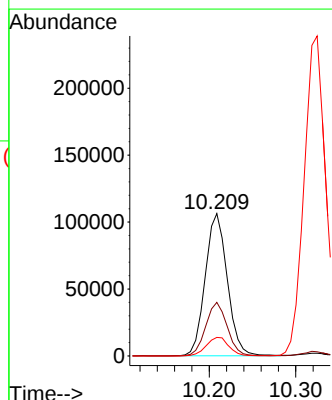
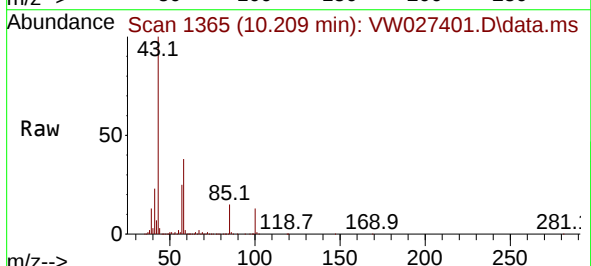
Tgt Ion: 43 Resp: 188193

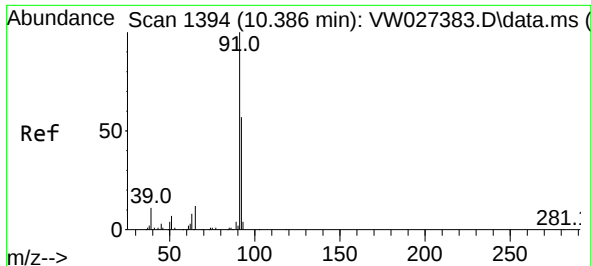
Ion Ratio Lower Upper

43 100

58 36.7 30.5 45.7

100 13.5 11.5 17.3

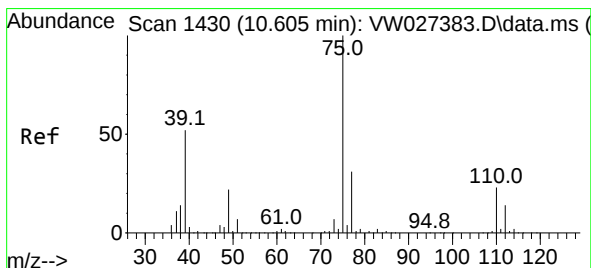
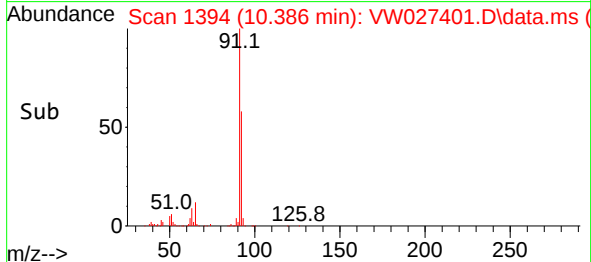
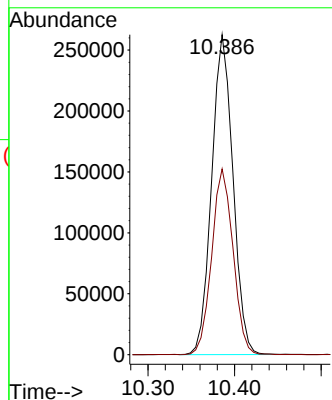
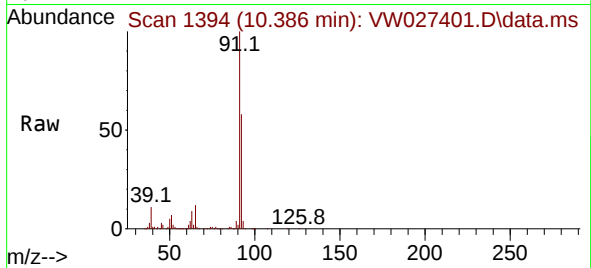




#42
Toluene
Concen: 21.286 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

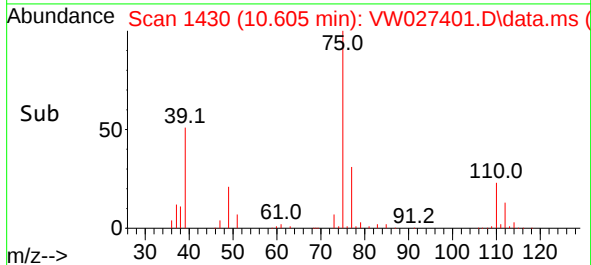
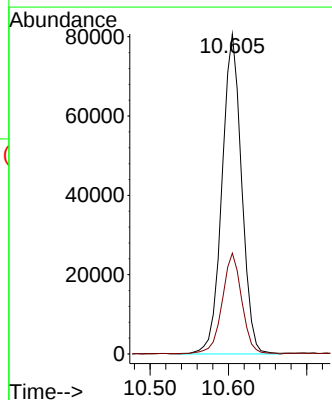
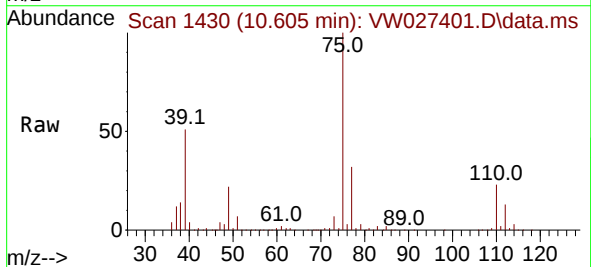
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

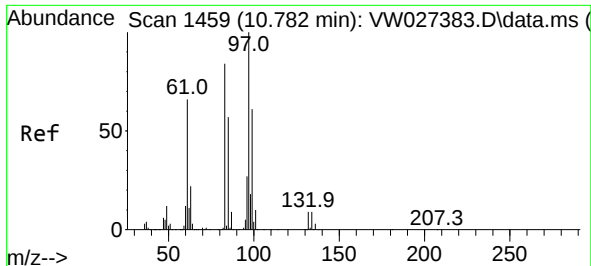
Tgt Ion: 91 Resp: 448373
Ion Ratio Lower Upper
91 100
92 58.0 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 18.550 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 75 Resp: 140370
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0

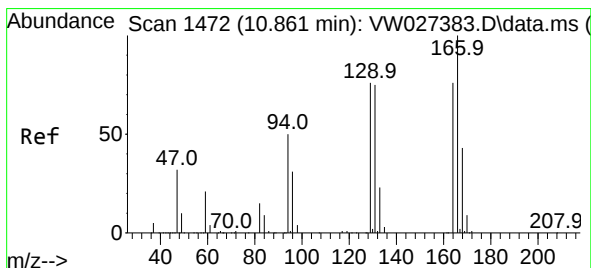
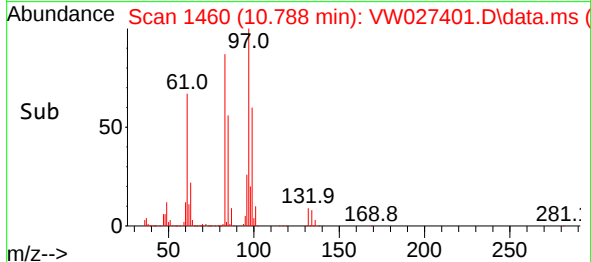
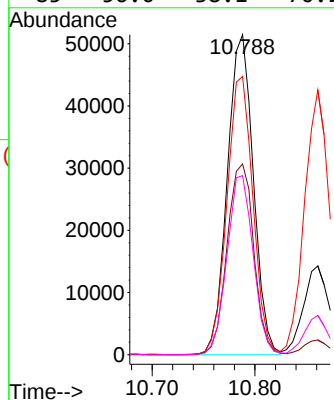
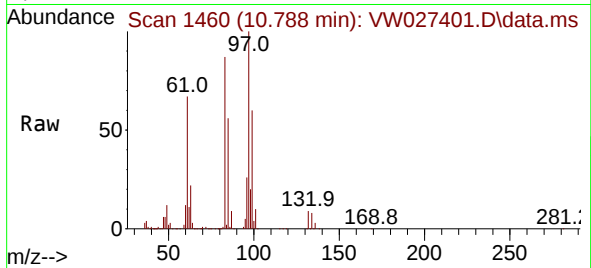




#45
1,1,2-Trichloroethane
Concen: 24.281 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

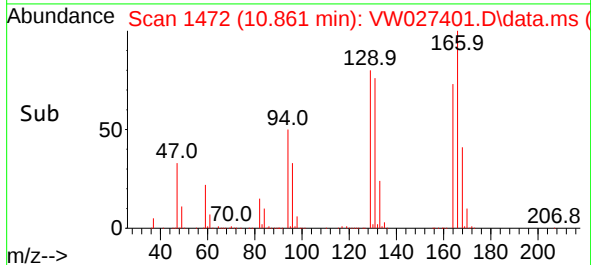
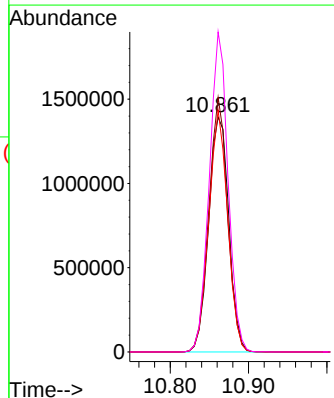
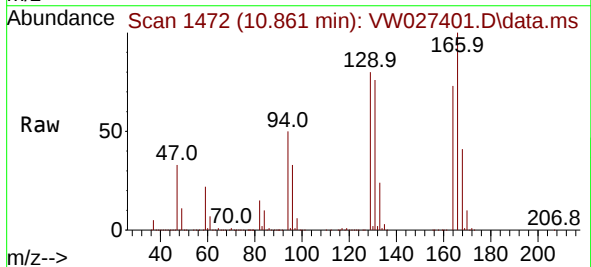
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

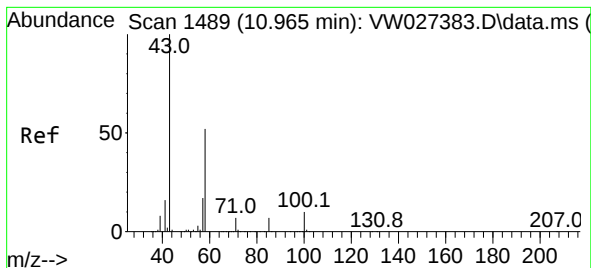
Tgt Ion: 97	Resp: 90714
Ion Ratio	Lower Upper
97 100	
99 59.6	43.8 81.4
83 86.9	57.5 106.7
85 56.0	38.1 70.9



#46
Tetrachloroethene
Concen: 679.000 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt	Ion:164	Resp:	2486720
Ion	Ratio	Lower	Upper
164	100		
129	108.4	74.7	138.7
131	102.9	73.2	136.0
166	136.2	87.3	162.1



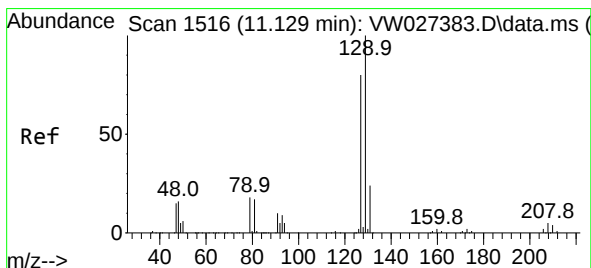
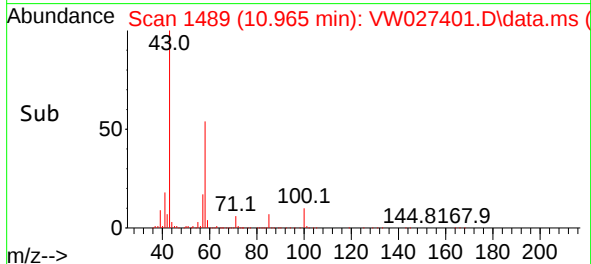
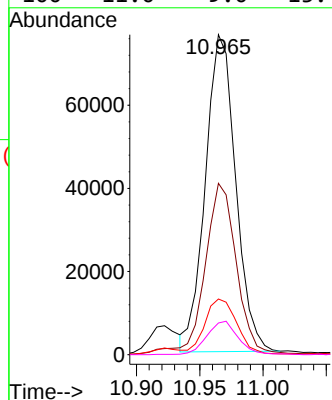
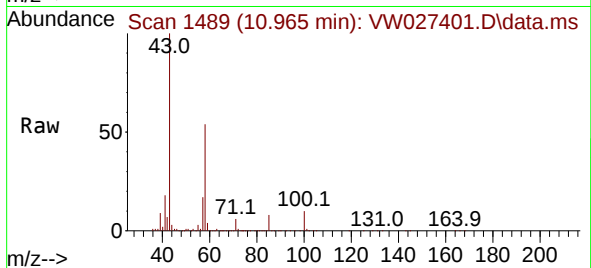


#48
2-Hexanone
Concen: 46.042 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

Tgt Ion: 43 Resp: 127235

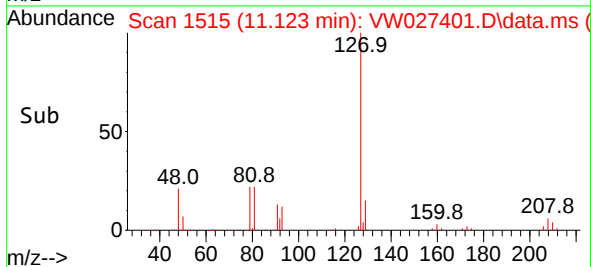
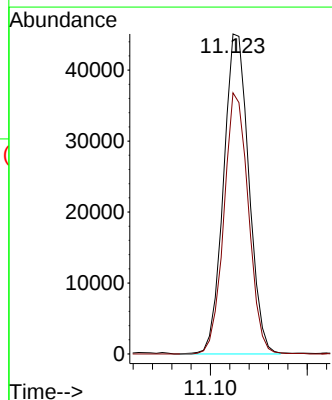
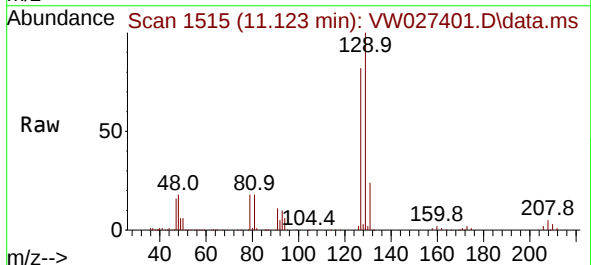
Ion	Ratio	Lower	Upper
43	100		
58	56.5	42.2	63.4
57	18.9	15.1	22.7
100	11.0	9.0	13.4

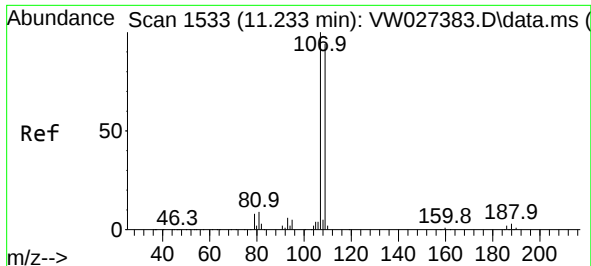


#49
Dibromochloromethane
Concen: 19.742 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 129 Resp: 81913

Ion	Ratio	Lower	Upper
129	100		
127	81.6	51.7	95.9





#50

1,2-Dibromoethane

Concen: 18.716 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MS

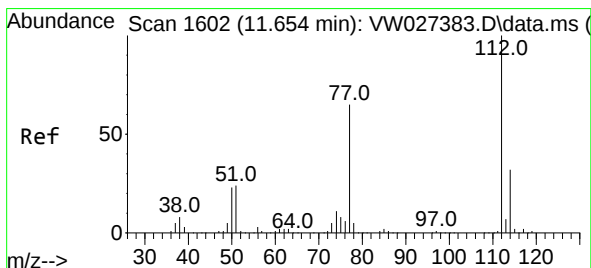
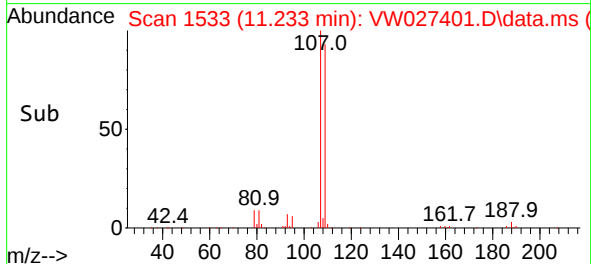
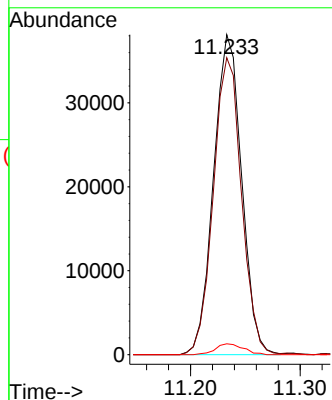
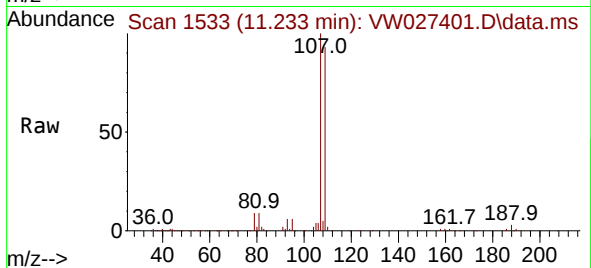
Tgt Ion:107 Resp: 67792

Ion Ratio Lower Upper

107 100

109 92.8 66.3 123.1

188 3.4 3.0 4.4



#51

Chlorobenzene

Concen: 16.426 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

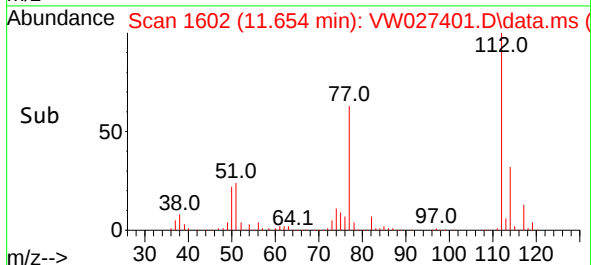
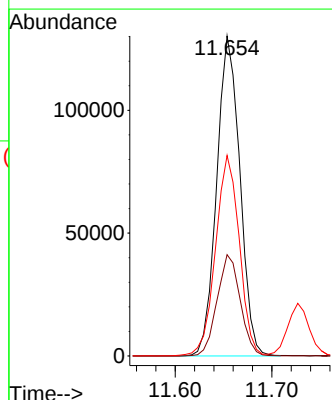
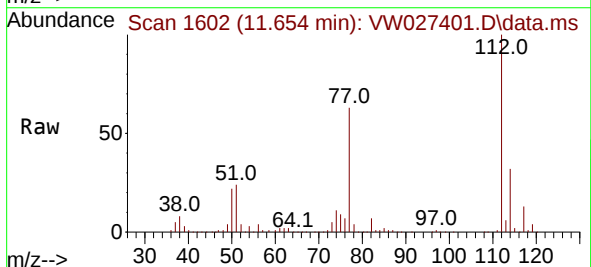
Tgt Ion:112 Resp: 216668

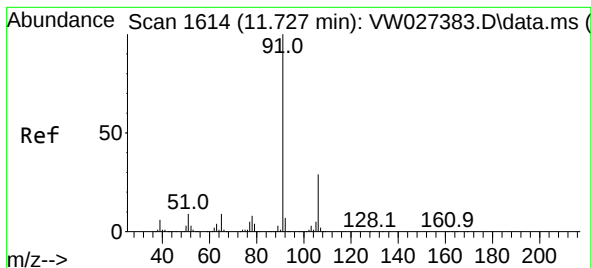
Ion Ratio Lower Upper

112 100

114 31.6 21.8 40.6

77 62.7 52.2 78.4

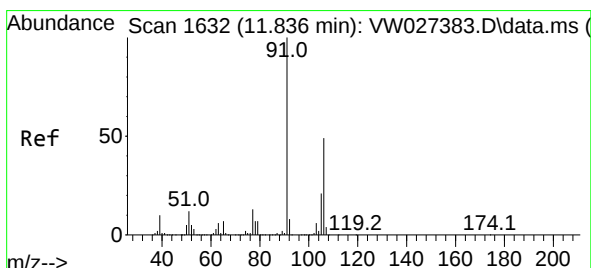
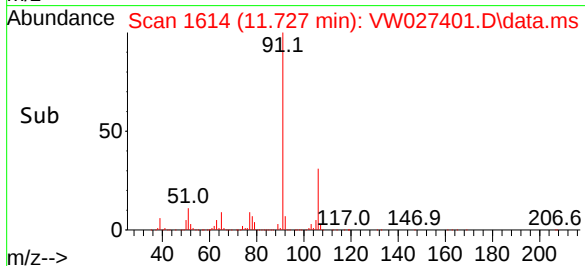
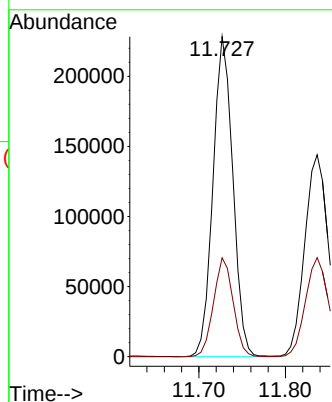
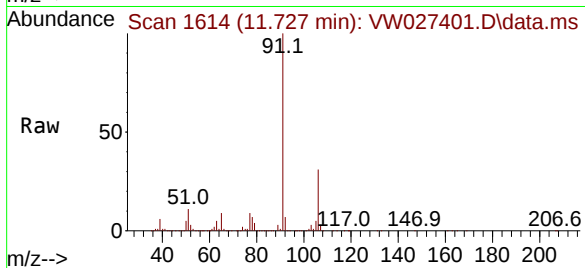




#52
Ethylbenzene
Concen: 14.876 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

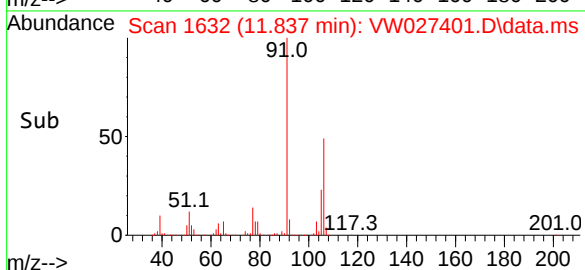
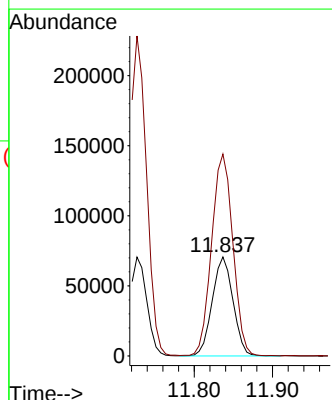
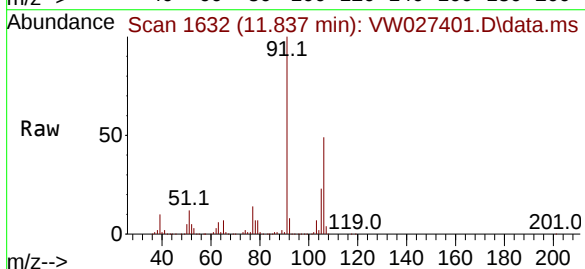
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

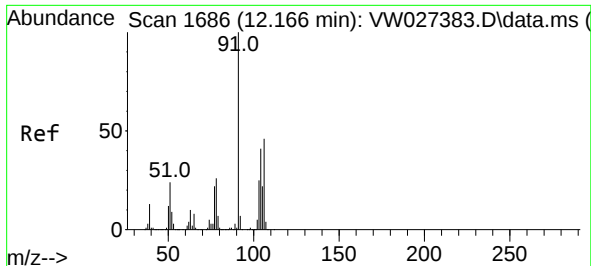
Tgt Ion: 91 Resp: 364136
Ion Ratio Lower Upper
91 100
106 30.9 19.8 36.8



#53
m,p-Xylene
Concen: 14.012 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 106 Resp: 130083
Ion Ratio Lower Upper
106 100
91 203.9 144.5 268.4

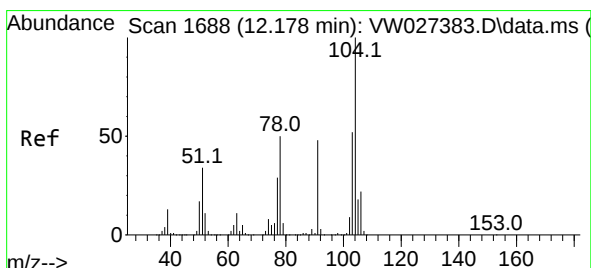
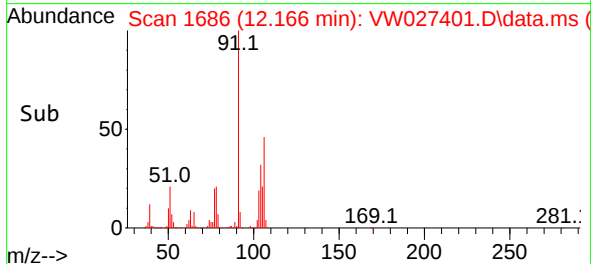
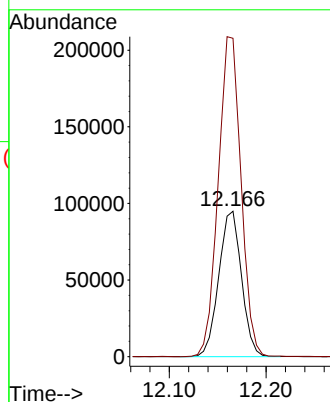
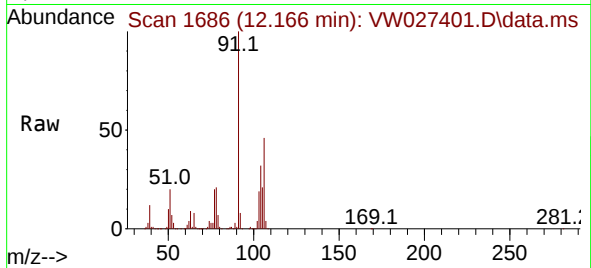




#54
o-Xylene
Concen: 17.401 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

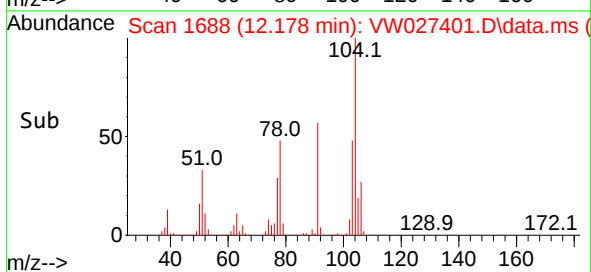
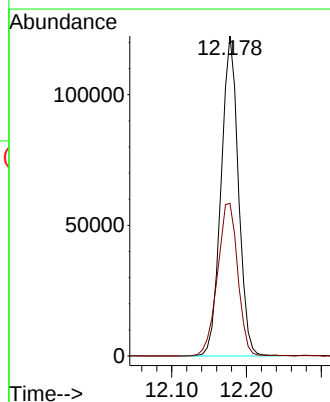
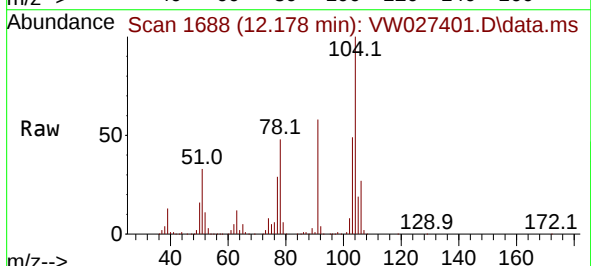
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

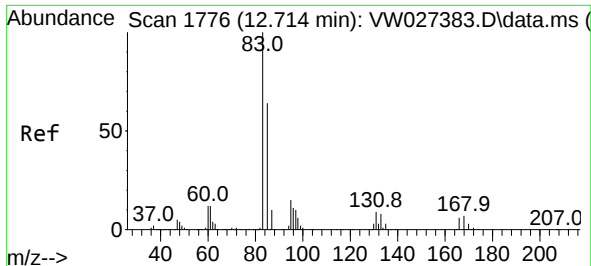
Tgt Ion:106 Resp: 154704
Ion Ratio Lower Upper
106 100
91 218.8 152.0 282.2



#55
Styrene
Concen: 13.026 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion:104 Resp: 197777
Ion Ratio Lower Upper
104 100
78 47.7 33.2 61.6





#57

1,1,2-Tetrachloroethane

Concen: 22.006 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MS

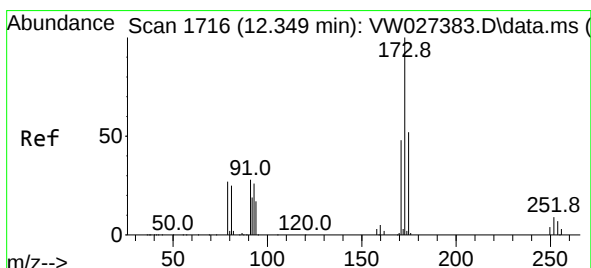
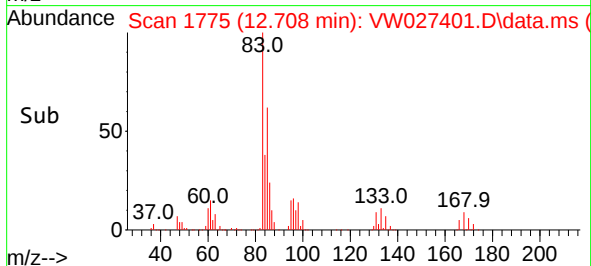
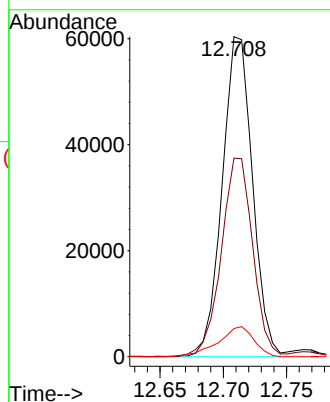
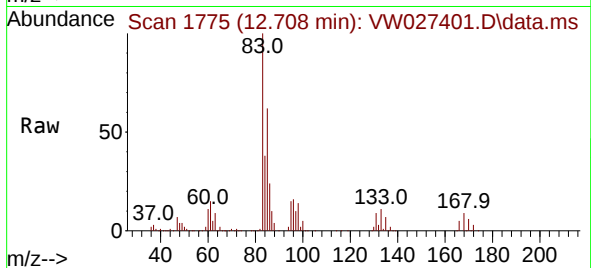
Tgt Ion: 83 Resp: 100365

Ion Ratio Lower Upper

83 100

85 62.1 43.2 80.2

131 8.8 7.2 10.8



#59

Bromoform

Concen: 41.861 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

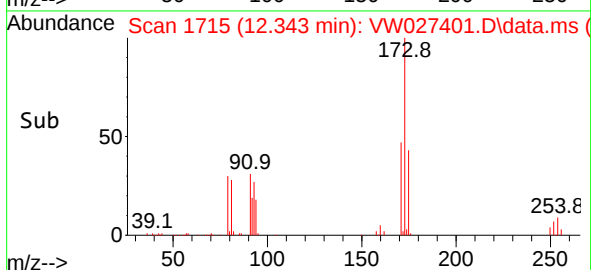
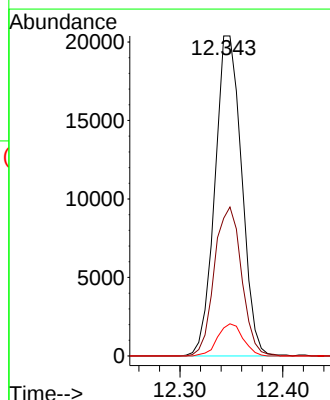
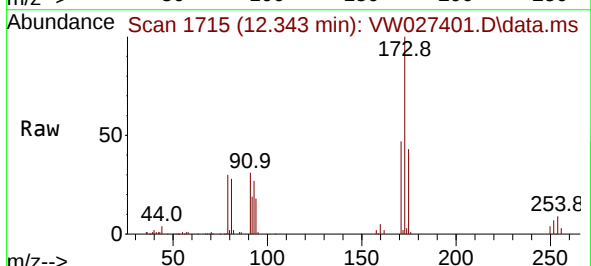
Tgt Ion:173 Resp: 36847

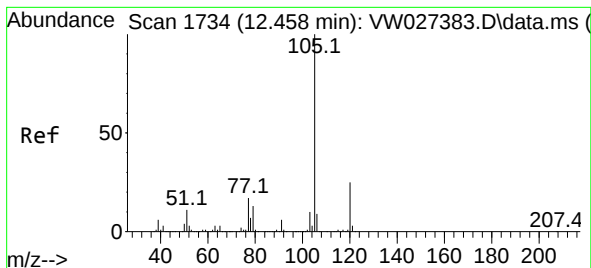
Ion Ratio Lower Upper

173 100

175 47.4 39.6 59.4

254 9.6 6.6 10.0

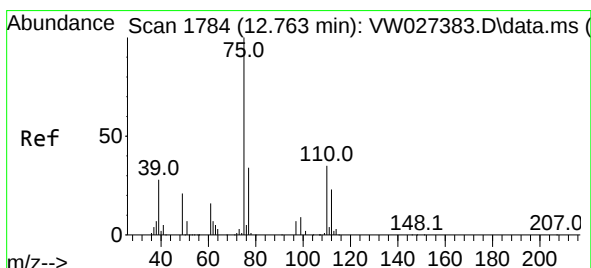
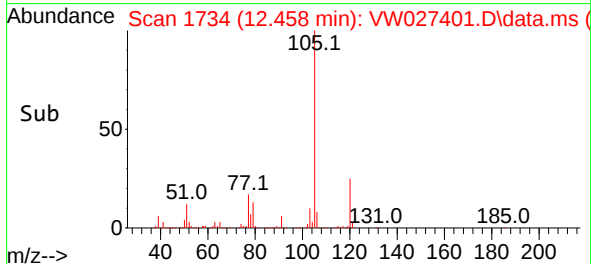
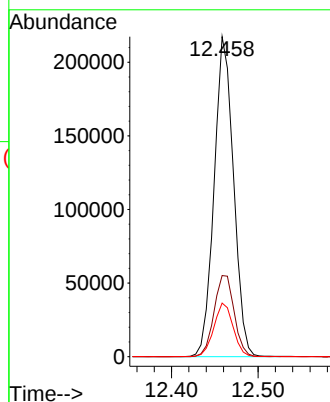
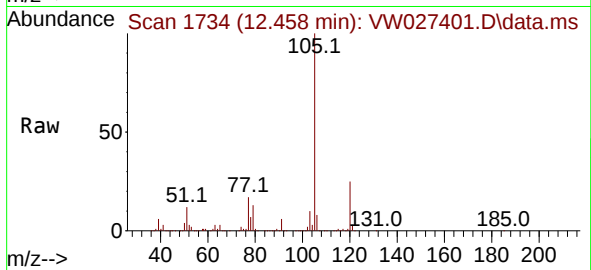




#60
Isopropylbenzene
Concen: 36.460 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

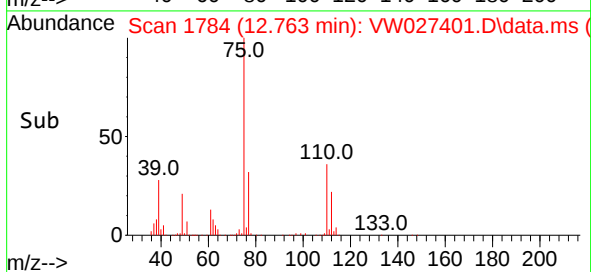
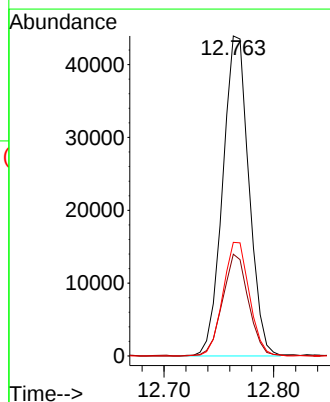
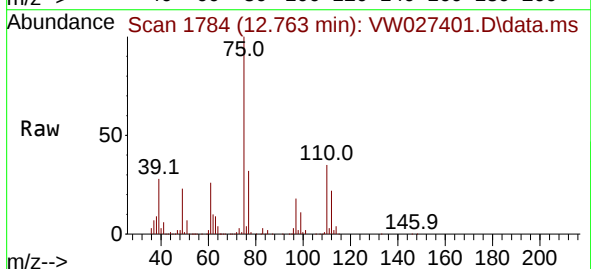
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

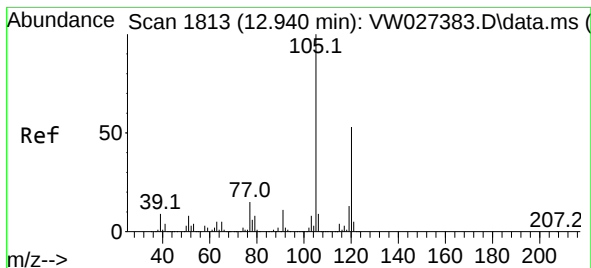
Tgt Ion:105 Resp: 338814
Ion Ratio Lower Upper
105 100
120 26.3 20.1 30.1
77 16.6 12.9 19.3



#61
1,2,3-Trichloropropane
Concen: 56.435 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion: 75 Resp: 72892
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0
110 35.8 29.7 44.5





#62

1,3,5-Trimethylbenzene

Concen: 32.854 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

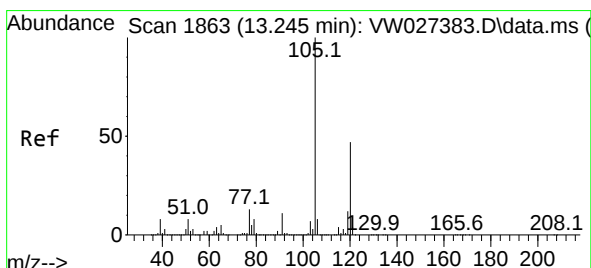
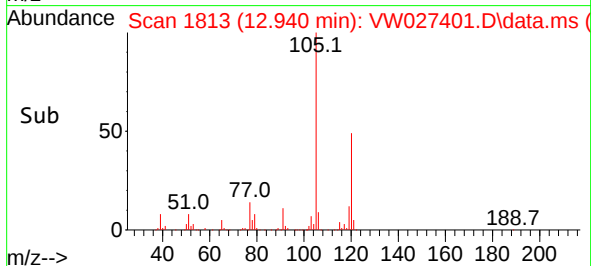
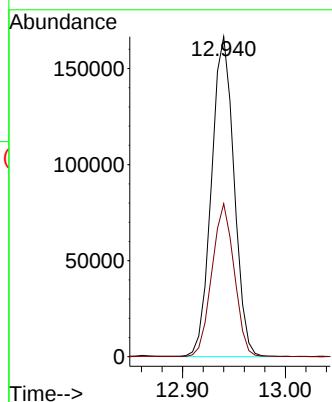
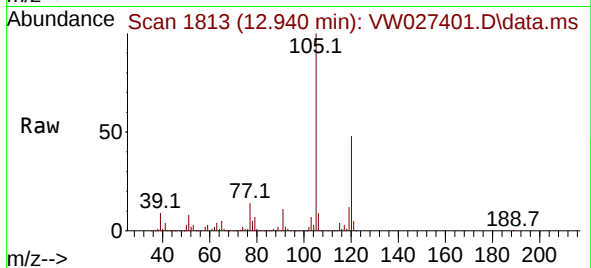
E0LJ3MS

Tgt Ion:105 Resp: 254668

Ion Ratio Lower Upper

105 100

120 47.2 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 27.838 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027401.D

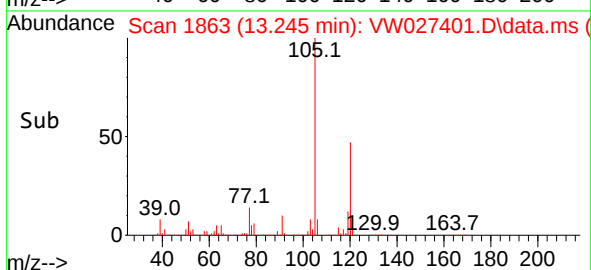
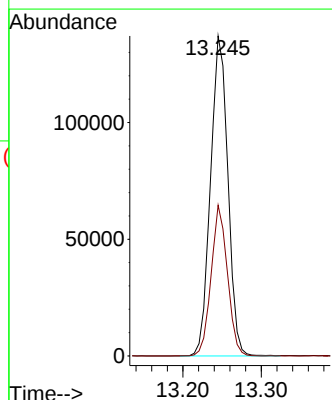
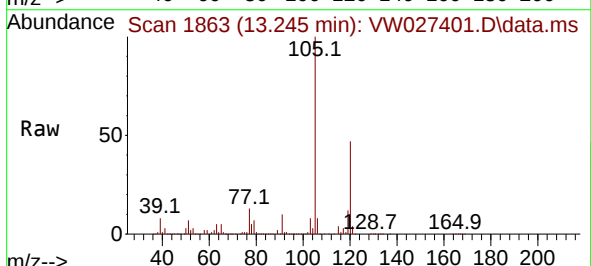
Acq: 23 Oct 2023 17:38

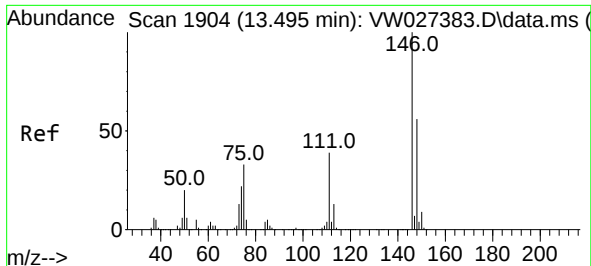
Tgt Ion:105 Resp: 211132

Ion Ratio Lower Upper

105 100

120 44.1 35.4 53.2

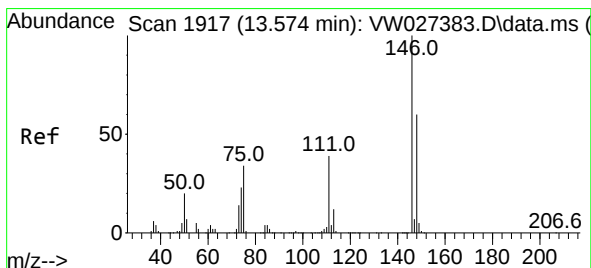
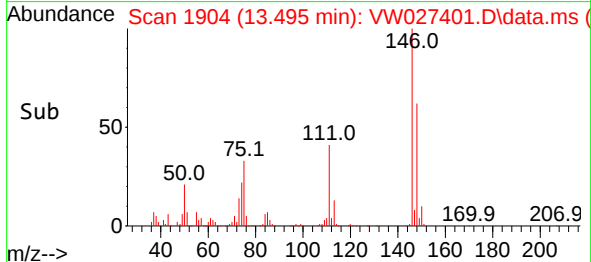
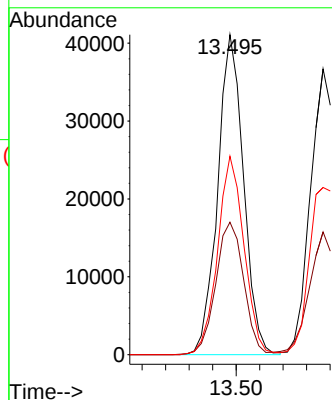
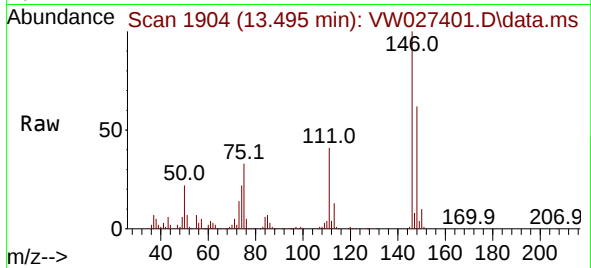




#64
1,3-Dichlorobenzene
Concen: 16.693 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

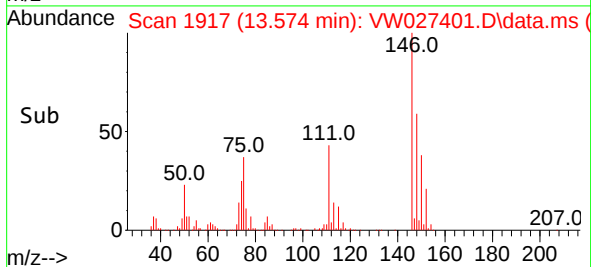
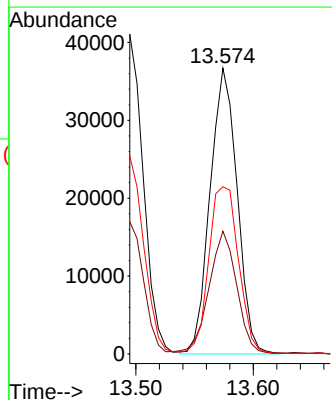
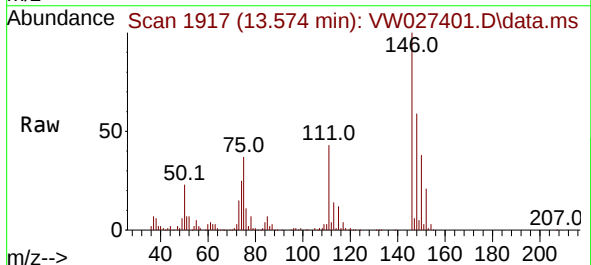
Instrument :
MSVOA_W
ClientSampleId :
E0LJ3MS

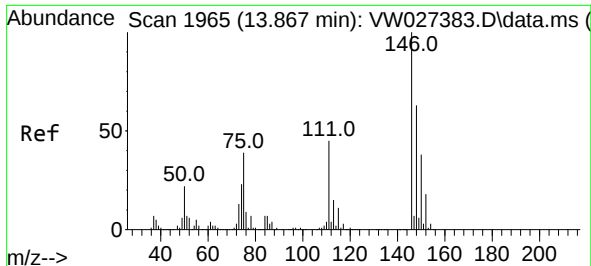
Tgt Ion:146 Resp: 62905
Ion Ratio Lower Upper
146 100
111 41.4 30.8 57.2
148 62.0 46.3 85.9



#65
1,4-Dichlorobenzene
Concen: 15.656 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW027401.D
Acq: 23 Oct 2023 17:38

Tgt Ion:146 Resp: 58917
Ion Ratio Lower Upper
146 100
111 42.9 29.5 54.9
148 58.5 43.0 79.8





#67

1,2-Dichlorobenzene

Concen: 20.715 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MS

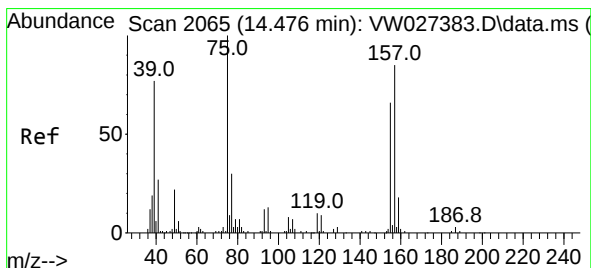
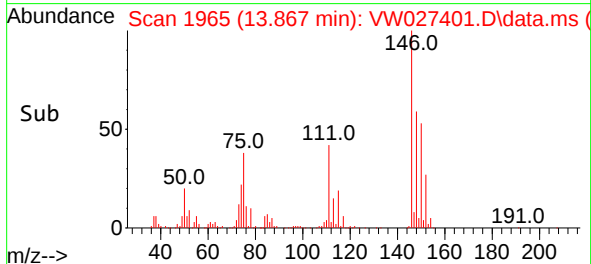
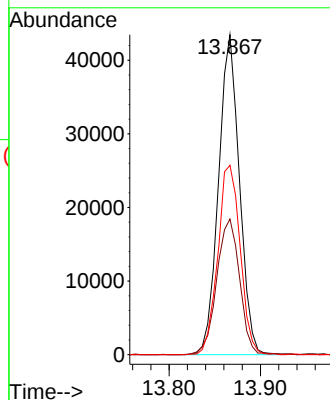
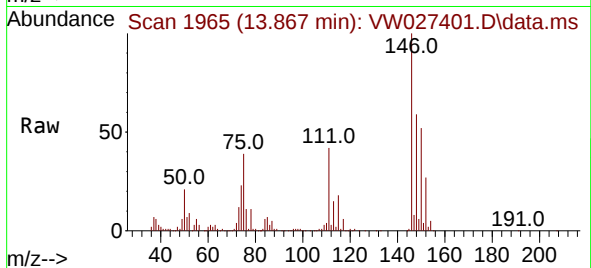
Tgt Ion:146 Resp: 69268

Ion Ratio Lower Upper

146 100

111 42.4 36.8 55.2

148 59.2 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 39.513 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

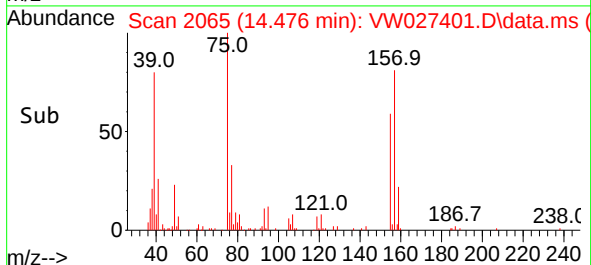
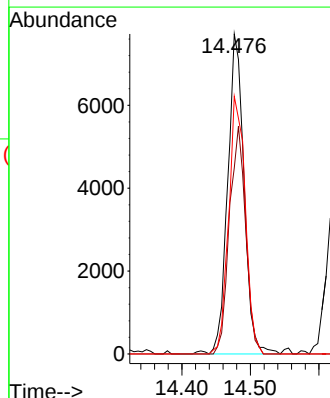
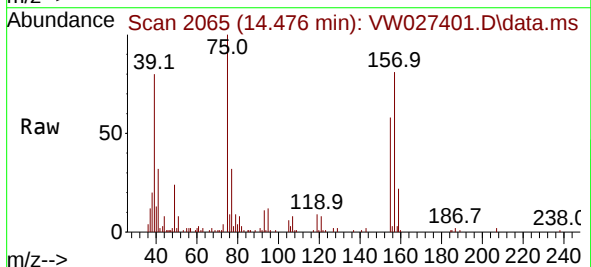
Tgt Ion: 75 Resp: 12755

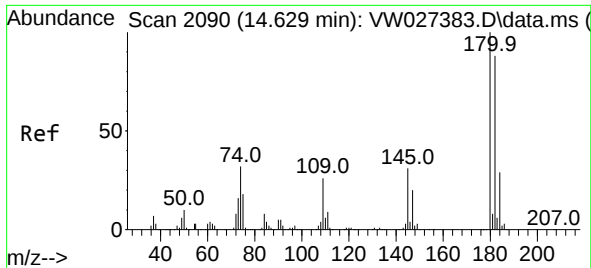
Ion Ratio Lower Upper

75 100

155 58.1 54.9 82.3

157 80.5 64.7 97.1

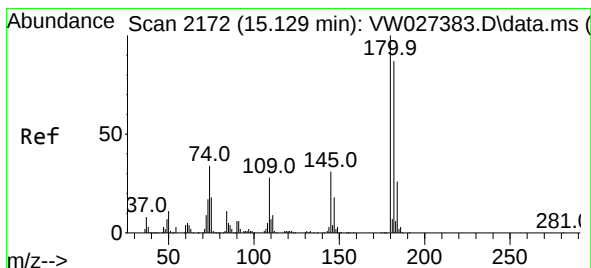
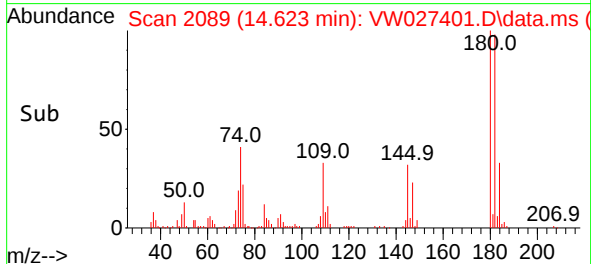
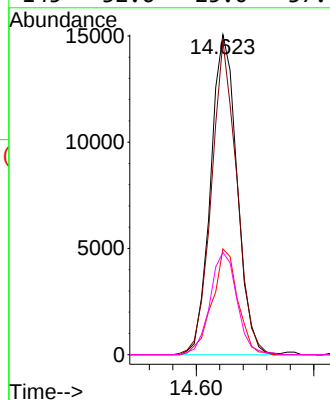
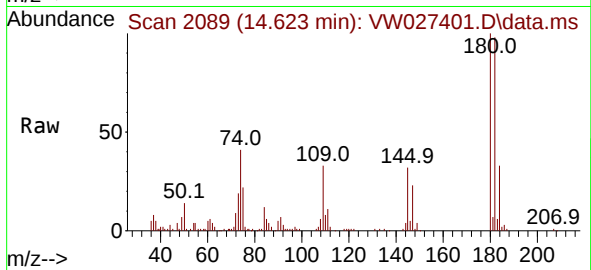




#69
 1,3,5-Trichlorobenzene
 Concen: 9.602 ug/L
 RT: 14.623 min Scan# 2090
 Delta R.T. 0.000 min
 Lab File: VW027401.D
 Acq: 23 Oct 2023 17:38

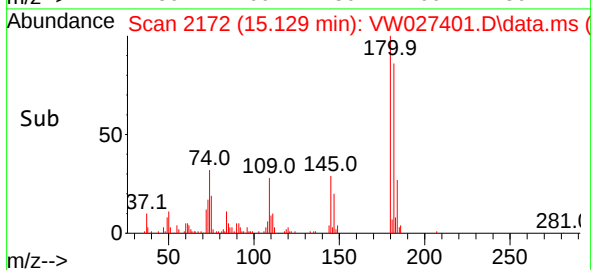
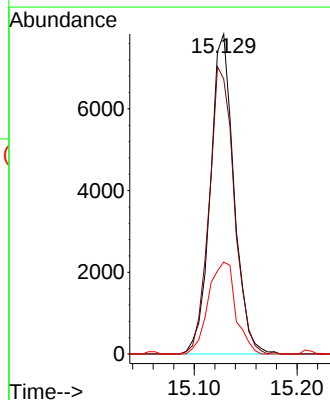
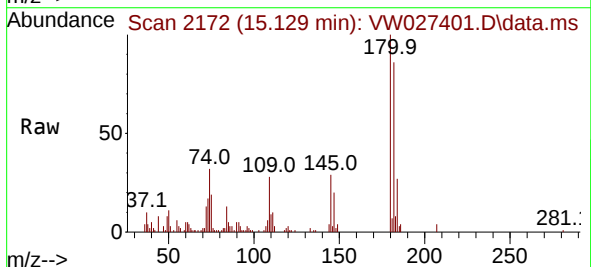
Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ3MS

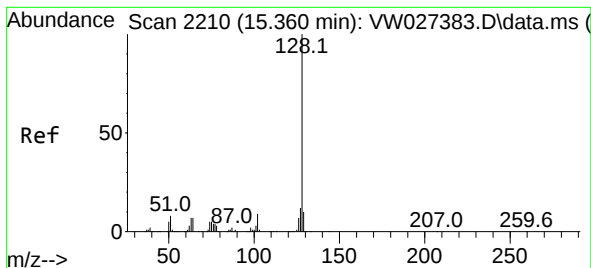
Tgt Ion:180	Resp:	23489
Ion Ratio	Lower	Upper
180	100	
182	93.9	73.4 110.0
184	32.0	23.3 34.9
145	32.6	25.0 37.4



#70
 1,2,4-trichlorobenzene
 Concen: 6.016 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.000 min
 Lab File: VW027401.D
 Acq: 23 Oct 2023 17:38

Tgt Ion:180	Resp:	12526
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.5 113.3
145	33.1	26.4 39.6





#71

Naphthalene

Concen: 13.587 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Instrument :

MSVOA_W

ClientSampleId :

E0LJ3MS

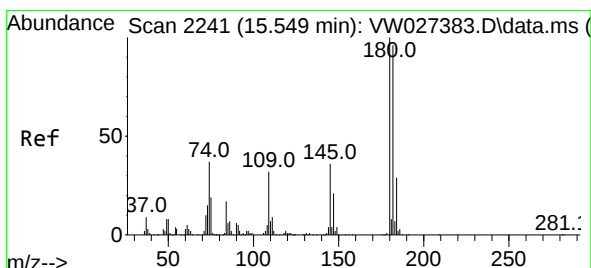
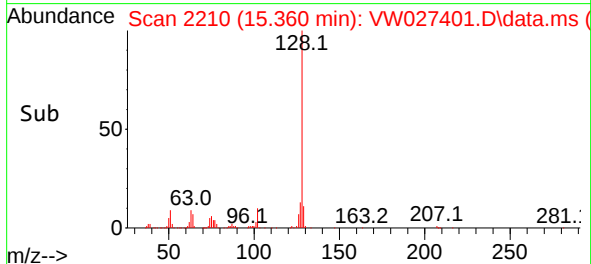
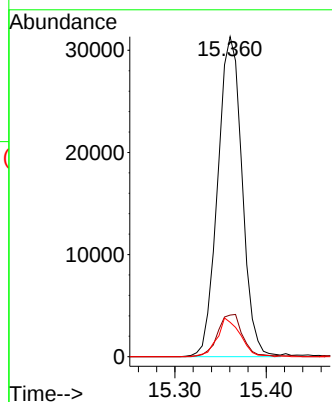
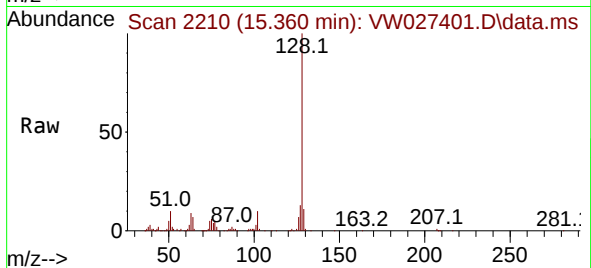
Tgt Ion:128 Resp: 58177

Ion Ratio Lower Upper

128 100

127 13.7 10.0 15.0

129 11.3 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 8.049 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW027401.D

Acq: 23 Oct 2023 17:38

Tgt Ion:180 Resp: 13781

Ion Ratio Lower Upper

180 100

182 97.0 81.1 121.7

145 34.8 30.6 45.8

