

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122023\
 Data File : VW027805.D
 Acq On : 20 Dec 2023 12:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 20 23:15:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	341080	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	296579	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	153756	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	92164	19.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.320%
7) Chloroethane-d5	2.899	69	74296	19.754	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	4.021	65	38736	20.023	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.080%
21) 2-Butanone-d5	7.100	46	30283	36.816	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.640%
24) Chloroform-d	7.648	84	182529	22.490	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	8.307	65	81286	21.331	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.320%
32) Benzene-d6	8.276	84	386761	22.313	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	9.276	67	104329	21.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.000%
41) Toluene-d8	10.319	98	359567	22.359	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.575	79	39667	20.864	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.440%
47) 2-Hexanone-d5	10.922	63	27507	38.438	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	76.880%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	77047	20.747	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.000%
66) 1,2-Dichlorobenzene-d4	13.848	152	123544	22.447	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	92474	23.294	ug/L	97
3) Chloromethane	2.223	50	107168	22.919	ug/L	100
5) Vinyl chloride	2.375	62	131800	23.693	ug/L	97
6) Bromomethane	2.796	94	87999	24.853	ug/L	97
8) Chloroethane	2.936	64	73008	21.951	ug/L	99
9) Trichlorofluoromethane	3.271	101	133918	26.654	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	108073	25.322	ug/L	96
12) 1,1-Dichloroethene	4.045	96	104921	25.113	ug/L	95
13) Acetone	4.161	43	32868	44.018	ug/L	98
14) Carbon disulfide	4.387	76	335155	23.879	ug/L	99
15) Methyl Acetate	4.685	43	26624	19.736	ug/L	98
16) Methylene chloride	4.923	84	111998	20.942	ug/L	91
17) trans-1,2-Dichloroethene	5.435	96	112267	25.412	ug/L	96
18) Methyl tert-butyl Ether	5.435	73	138793	23.762	ug/L	99
19) 1,1-Dichloroethane	6.222	63	185325	24.668	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	115847	24.910	ug/L	98
22) 2-Butanone	7.185	43	39289	39.623	ug/L	97
23) Bromochloromethane	7.520	128	49698	25.307	ug/L	91
25) Chloroform	7.679	83	187726	25.373	ug/L	97

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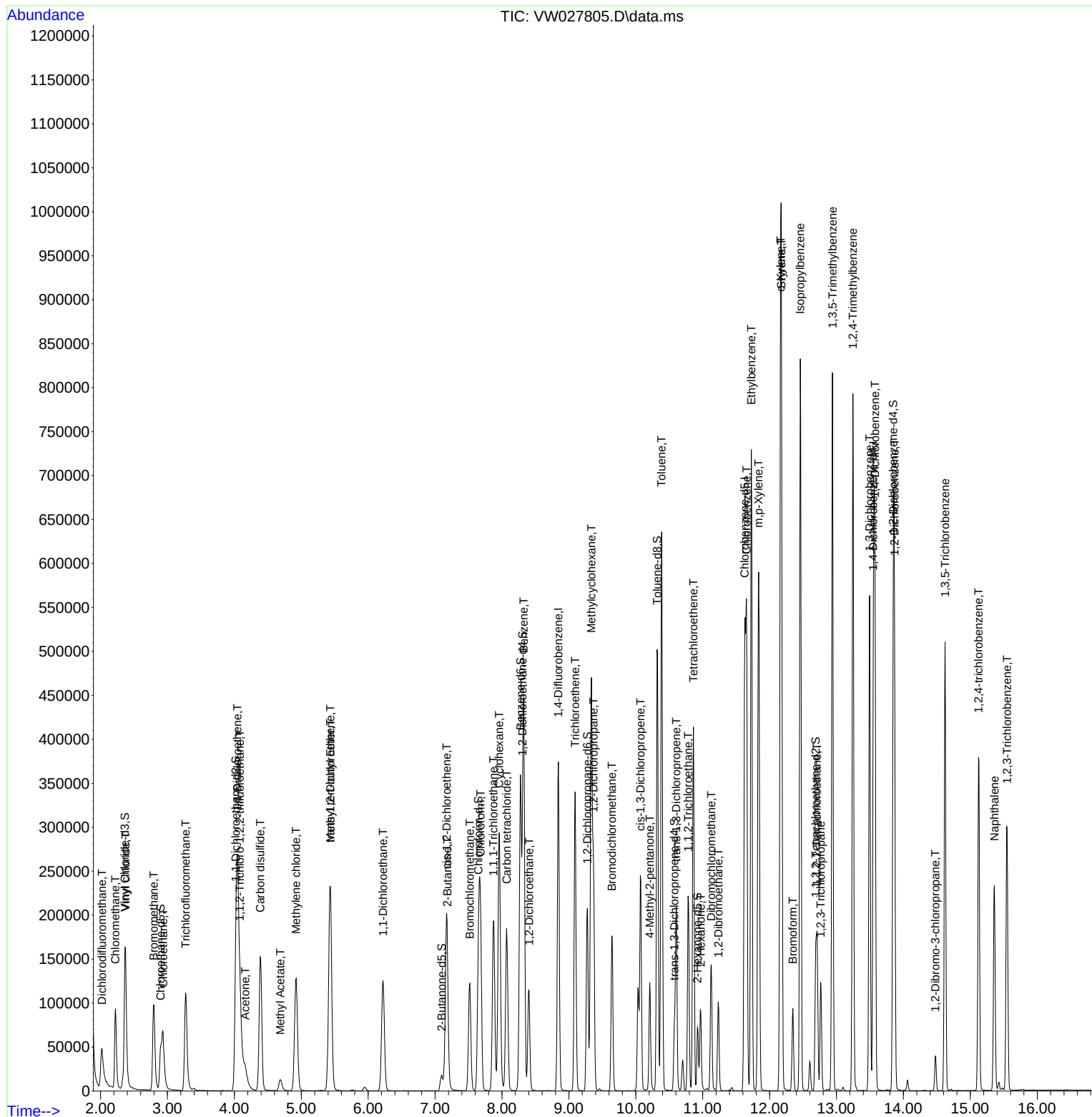
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	105832	24.398	ug/L	99
29) Cyclohexane	7.959	56	168458	24.006	ug/L	95
30) 1,1,1-Trichloroethane	7.874	97	163080	26.324	ug/L	100
31) Carbon tetrachloride	8.069	117	146924	26.949	ug/L	99
33) Benzene	8.325	78	434944	25.299	ug/L	100
34) Trichloroethene	9.093	95	118816	25.353	ug/L	97
35) Methylcyclohexane	9.337	83	214308	25.354	ug/L	98
37) 1,2-Dichloropropane	9.368	63	101632	24.489	ug/L	100
38) Bromodichloromethane	9.642	83	126026	24.984	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	156635	24.762	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	73666	40.612	ug/L	99
42) Toluene	10.386	91	485393	26.239	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	119073	23.904	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	73407	23.891	ug/L	99
46) Tetrachloroethene	10.861	164	97319	26.006	ug/L	89
48) 2-Hexanone	10.971	43	54765	40.563	ug/L	97
49) Dibromochloromethane	11.129	129	82087	25.543	ug/L	91
50) 1,2-Dibromoethane	11.233	107	70810	24.250	ug/L	90
51) Chlorobenzene	11.654	112	304371	25.754	ug/L	91
52) Ethylbenzene	11.727	91	540969	25.952	ug/L	93
53) m,p-Xylene	11.837	106	205874	25.712	ug/L	96
54) o-Xylene	12.166	106	195337	26.200	ug/L	96
55) Styrene	12.178	104	329457	26.213	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	78754	22.485	ug/L	100
59) Bromoform	12.349	173	44252	23.513	ug/L	97
60) Isopropylbenzene	12.458	105	555190	25.584	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	54160	21.135	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	435990	25.133	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	435041	25.477	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	240795	25.679	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	234816	24.930	ug/L	92
67) 1,2-Dichlorobenzene	13.867	146	210610	25.828	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	10308	20.135	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	159057	24.378	ug/L	92
70) 1,2,4-trichlorobenzene	15.123	180	135645	25.315	ug/L	97
71) Naphthalene	15.360	128	213275	22.461	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	111619	24.915	ug/L	99

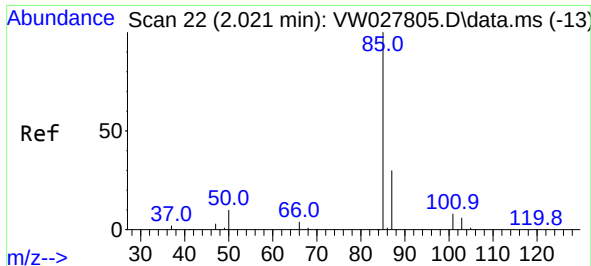
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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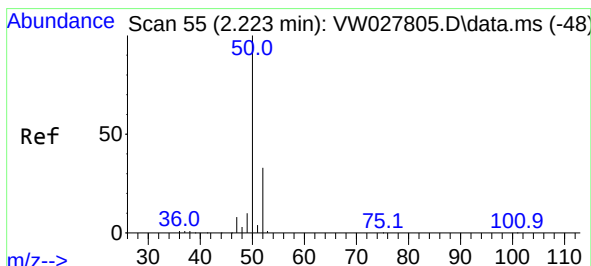
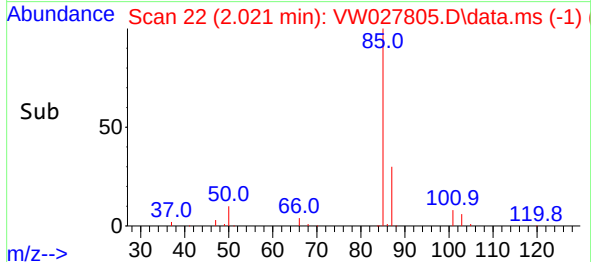
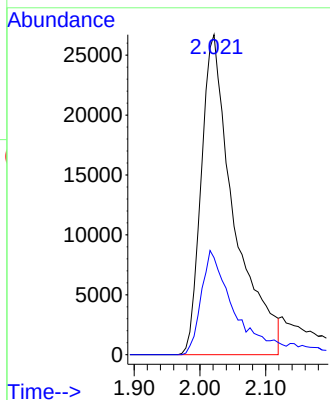
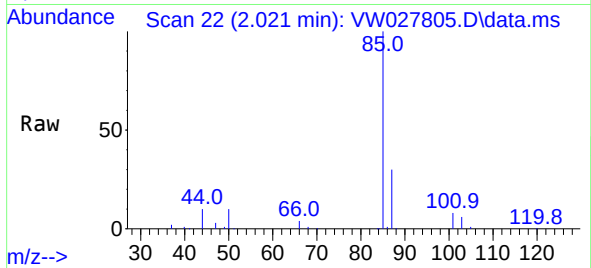




#2
 Dichlorodifluoromethane
 Concen: 23.294 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

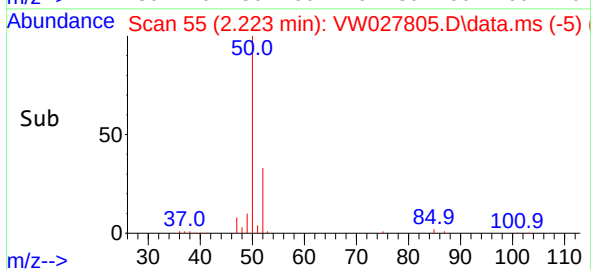
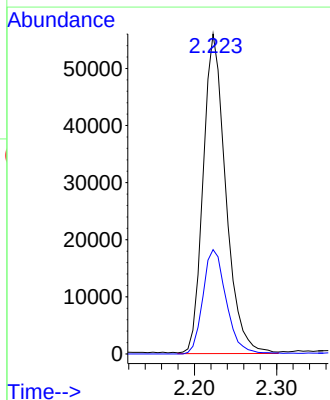
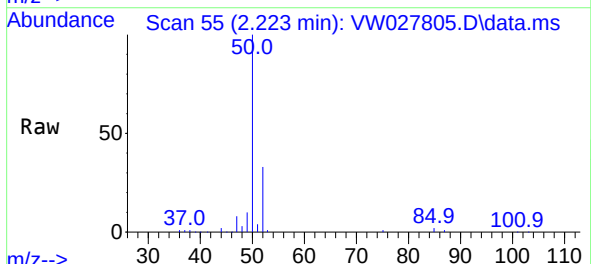
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 ClientSampleId :

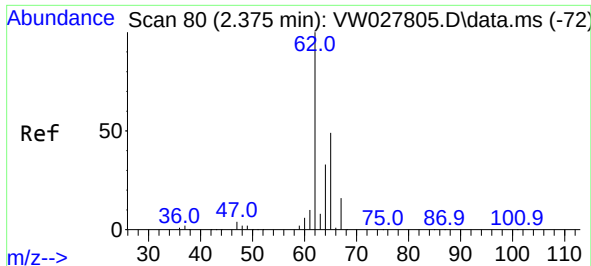
Tgt Ion: 85 Resp: 92474
 Ion Ratio Lower Upper
 85 100
 87 27.5 23.2 34.8



#3
 Chloromethane
 Concen: 22.919 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.006 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

Tgt Ion: 50 Resp: 107168
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.8 42.4

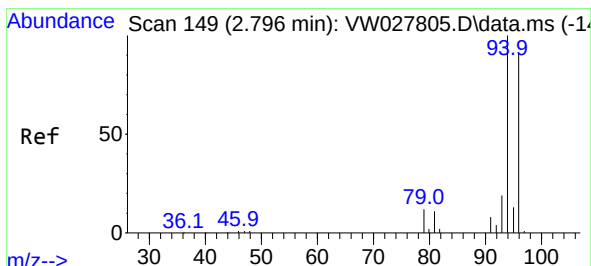
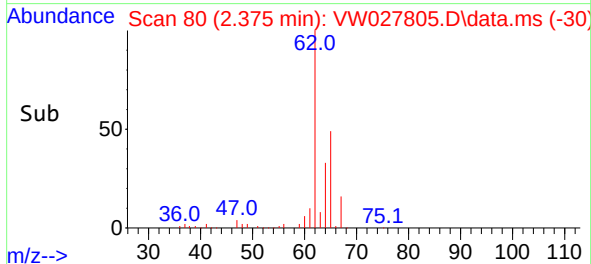
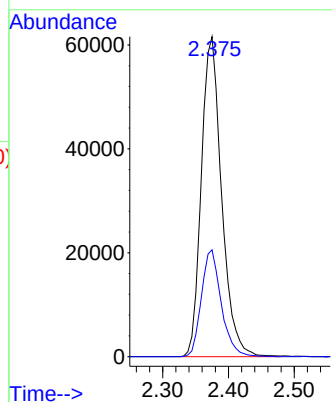
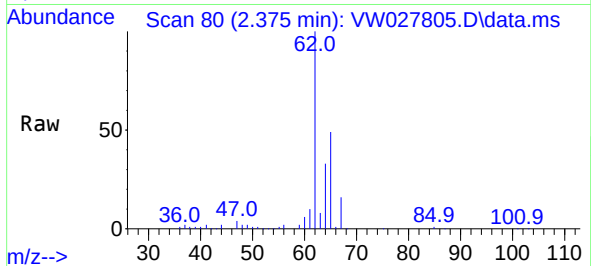




#5
 Vinyl chloride
 Concen: 23.693 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

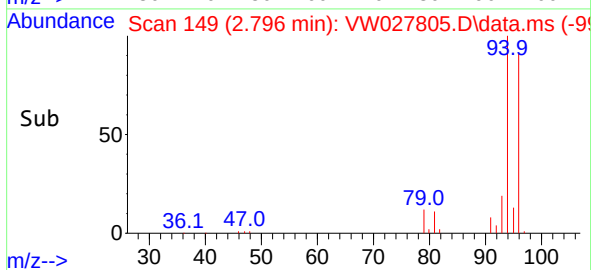
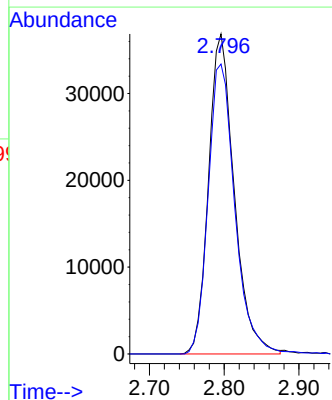
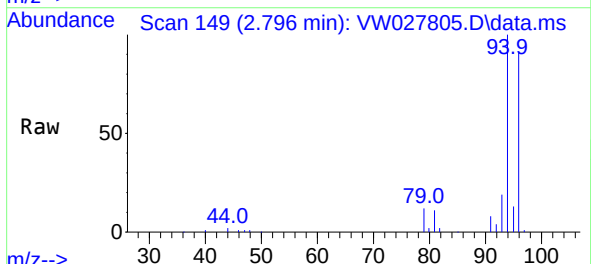
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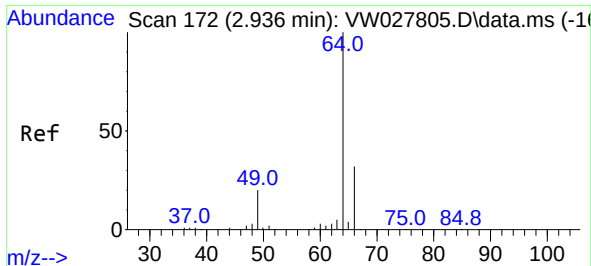
Tgt Ion: 62 Resp: 131800
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.2 41.2



#6
 Bromomethane
 Concen: 24.853 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

Tgt Ion: 94 Resp: 87999
 Ion Ratio Lower Upper
 94 100
 96 90.6 61.2 113.8

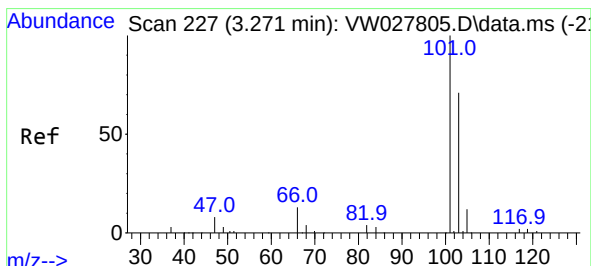
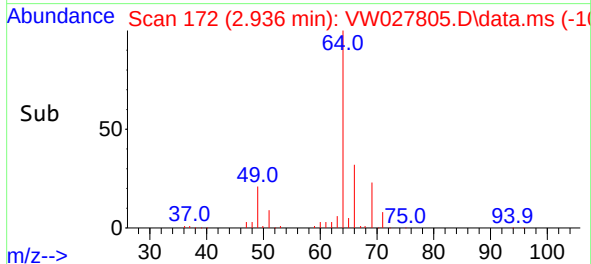
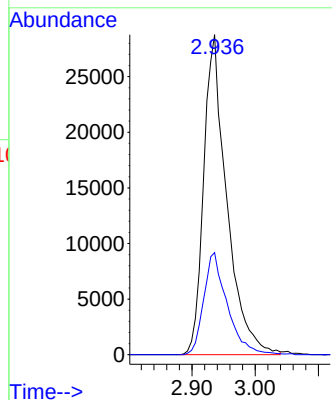
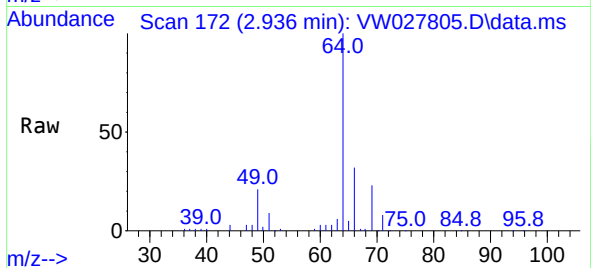




#8
Chloroethane
Concen: 21.951 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

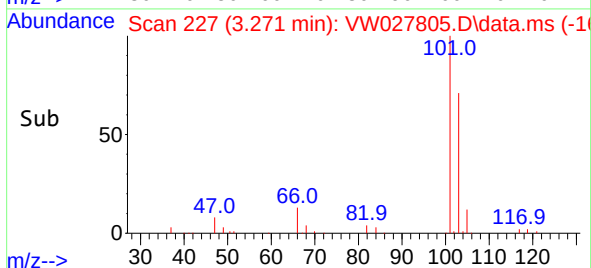
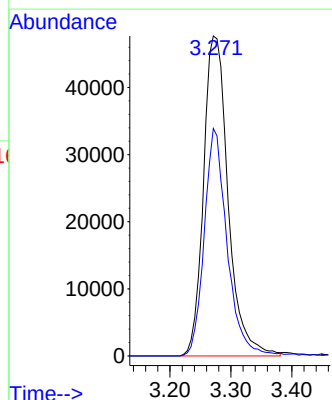
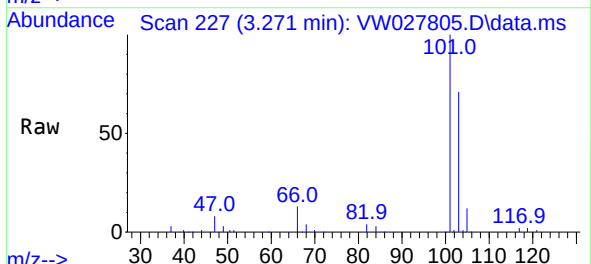
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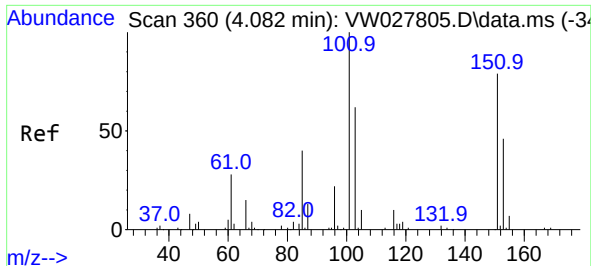
Tgt Ion: 64 Resp: 73008
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 26.654 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion:101 Resp: 133918
Ion Ratio Lower Upper
101 100
103 65.9 51.1 76.7

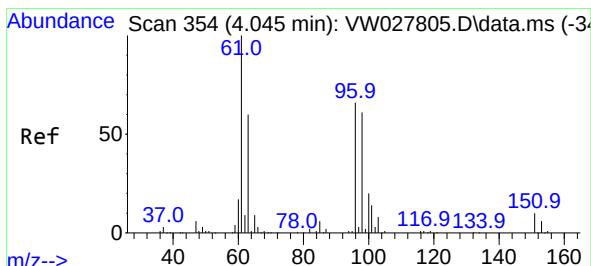
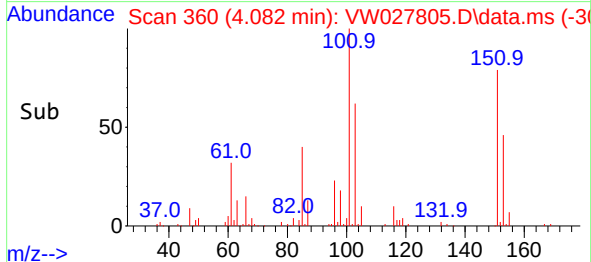
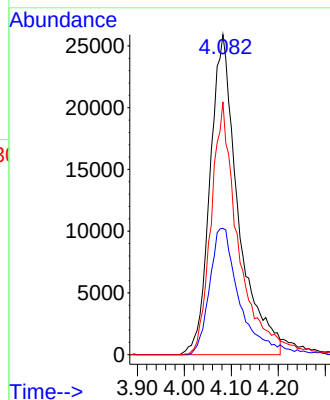
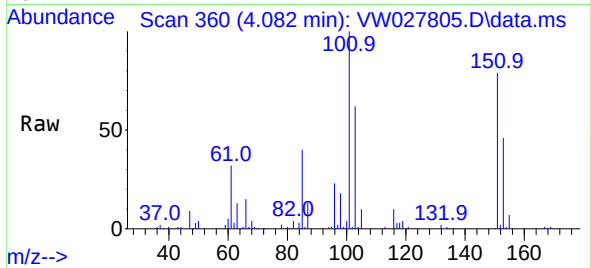




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.322 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.012 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

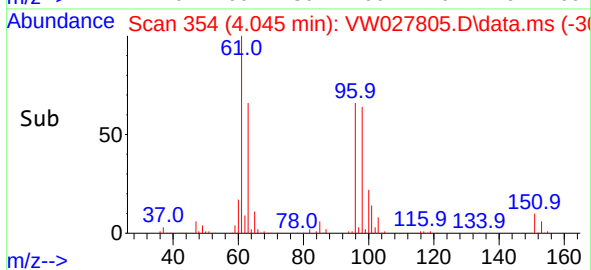
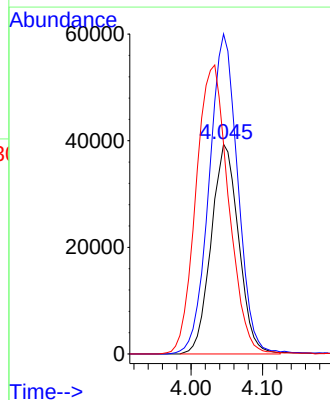
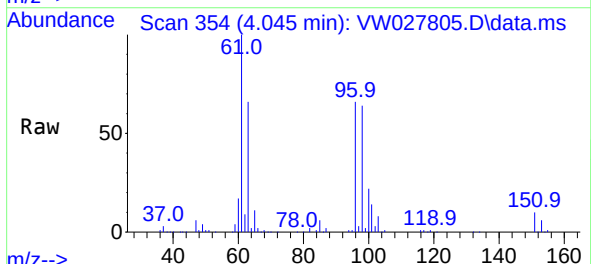
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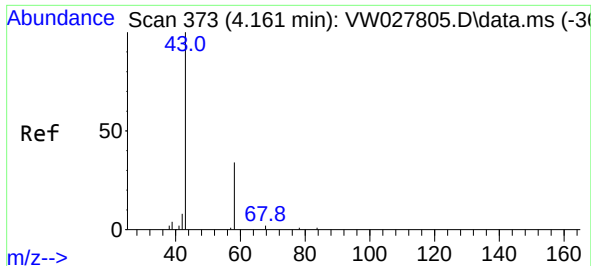
Tgt Ion:101 Resp: 108073
 Ion Ratio Lower Upper
 101 100
 85 40.9 33.0 49.4
 151 68.9 58.9 88.3



#12
 1,1-Dichloroethene
 Concen: 25.113 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

Tgt Ion: 96 Resp: 104921
 Ion Ratio Lower Upper
 96 100
 61 152.5 110.9 206.1
 63 100.1 73.6 136.6

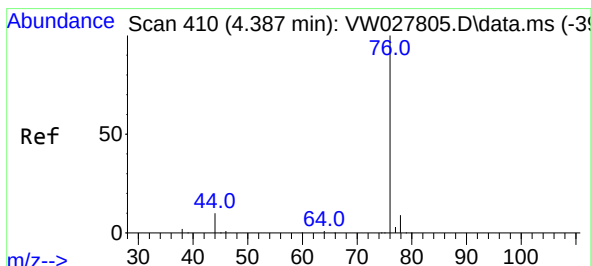
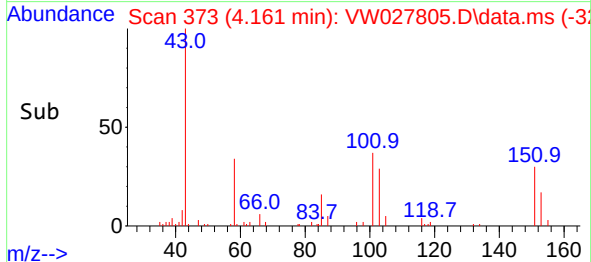
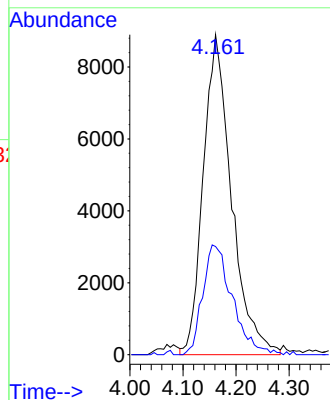
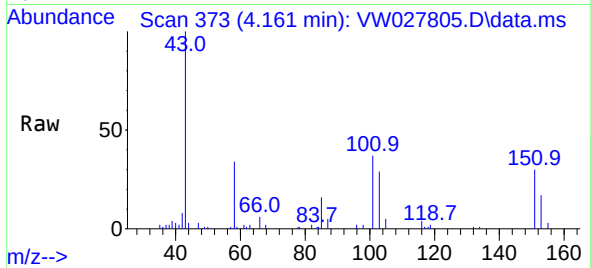




#13
Acetone
Concen: 44.018 ug/L
RT: 4.161 min Scan# 31
Delta R.T. -0.024 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

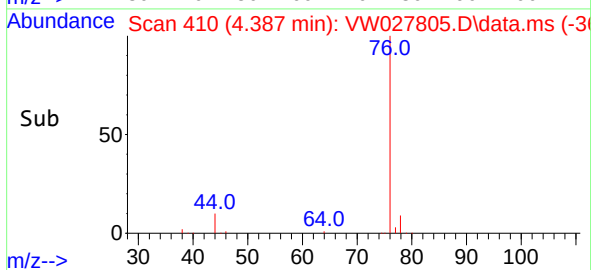
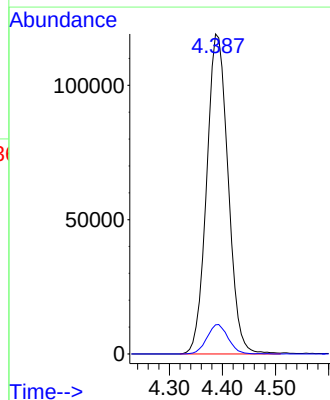
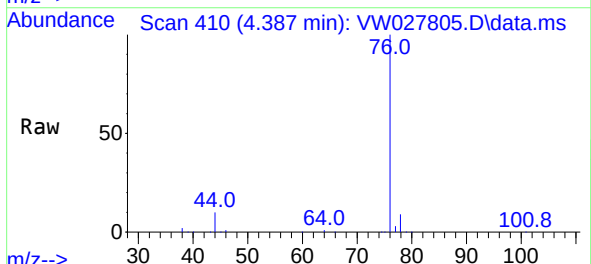
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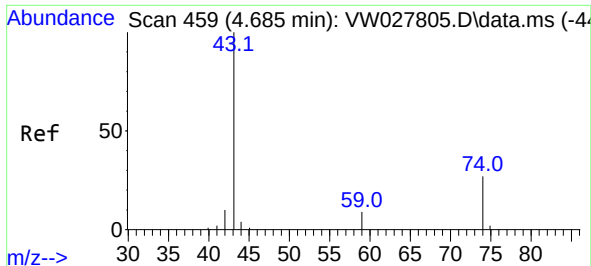
Tgt Ion: 43 Resp: 32868
Ion Ratio Lower Upper
43 100
58 35.7 0.0 68.6



#14
Carbon disulfide
Concen: 23.879 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 335155
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

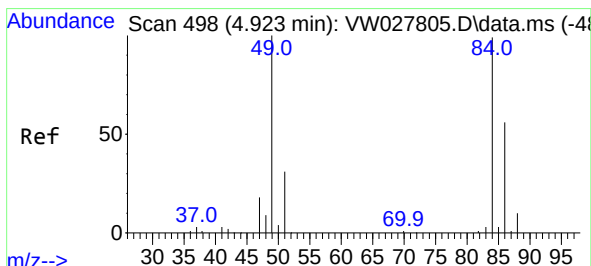
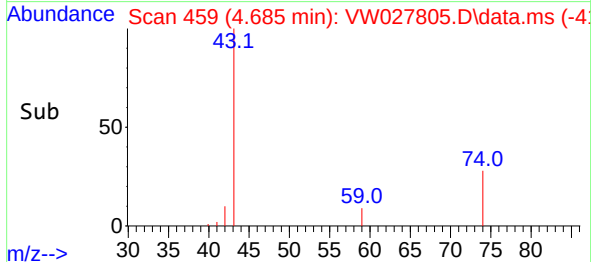
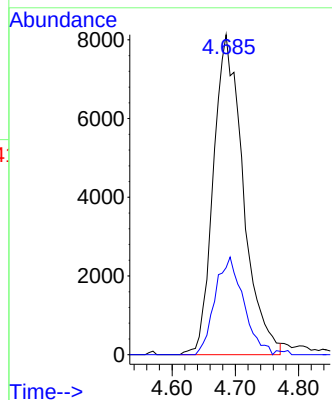
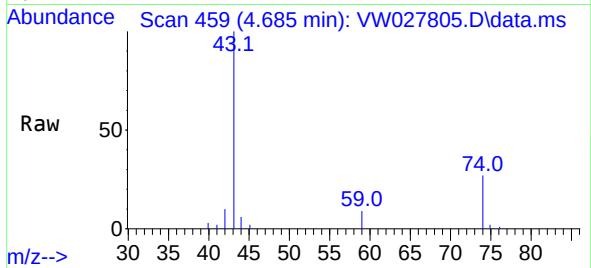




#15
Methyl Acetate
Concen: 19.736 ug/L
RT: 4.685 min Scan# 459
Delta R.T. -0.012 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

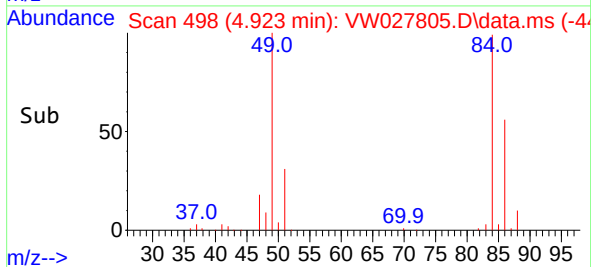
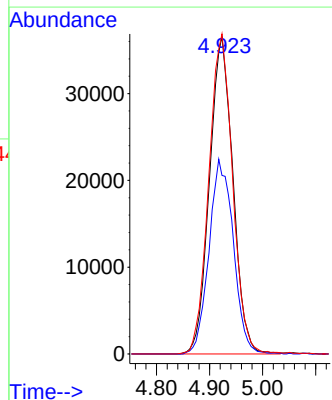
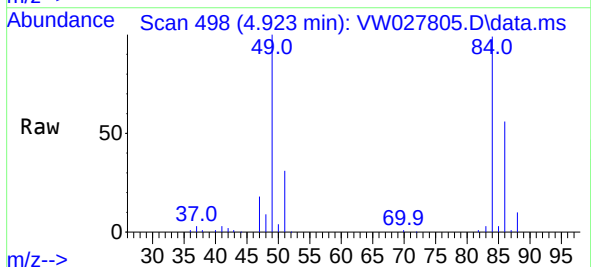
Instrument :
MSVOA_W
ClientSampleId :

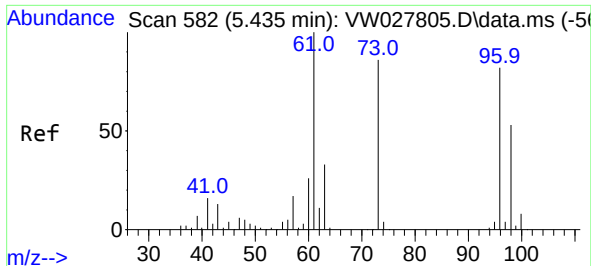
Tgt Ion: 43 Resp: 26624
Ion Ratio Lower Upper
43 100
74 28.5 22.1 33.1



#16
Methylene chloride
Concen: 20.942 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

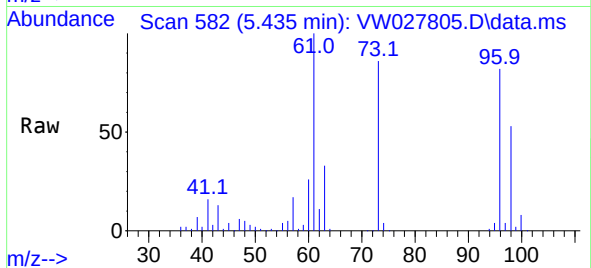
Tgt Ion: 84 Resp: 111998
Ion Ratio Lower Upper
84 100
86 56.2 45.8 85.2
49 100.8 76.2 141.6





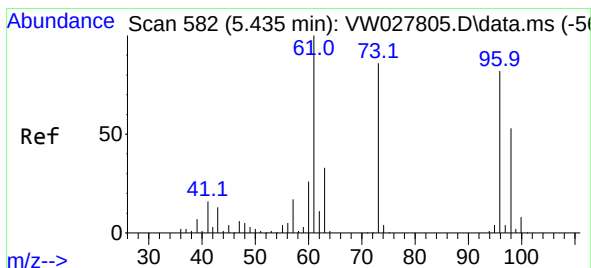
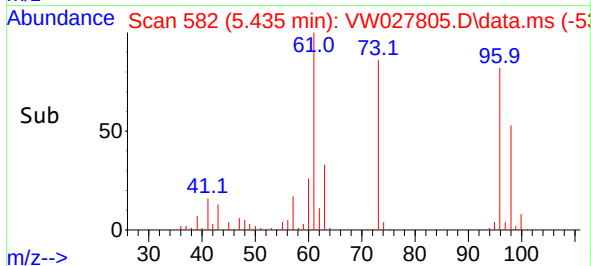
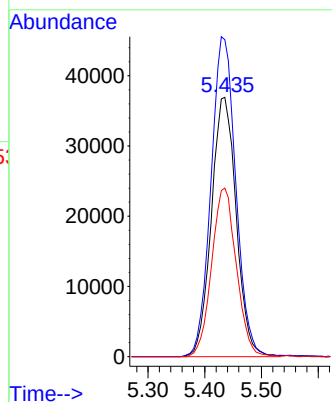
#17
trans-1,2-Dichloroethene
Concen: 25.412 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 112267

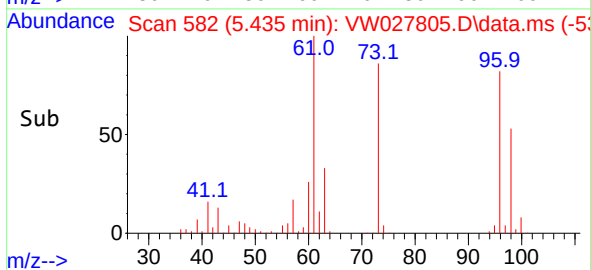
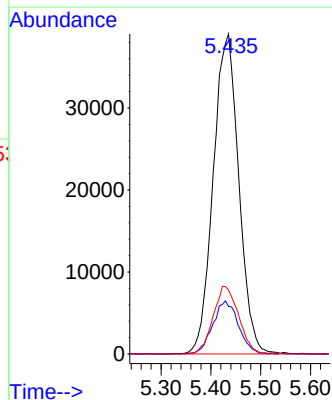
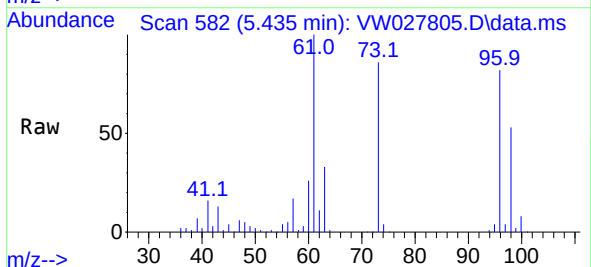
Ion	Ratio	Lower	Upper
96	100		
61	122.2	88.5	164.3
98	65.0	42.9	79.7

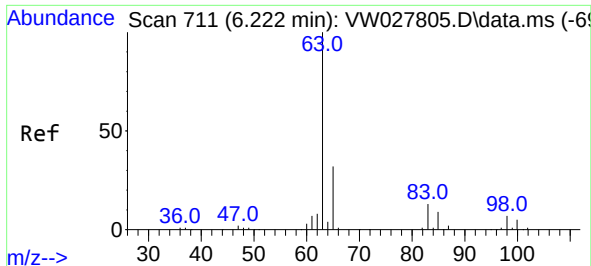


#18
Methyl tert-butyl Ether
Concen: 23.762 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion: 73 Resp: 138793

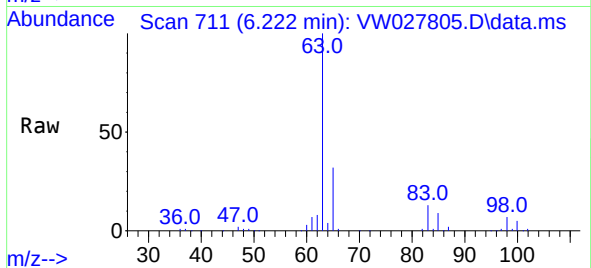
Ion	Ratio	Lower	Upper
73	100		
43	16.6	13.5	20.3
57	21.1	17.4	26.0



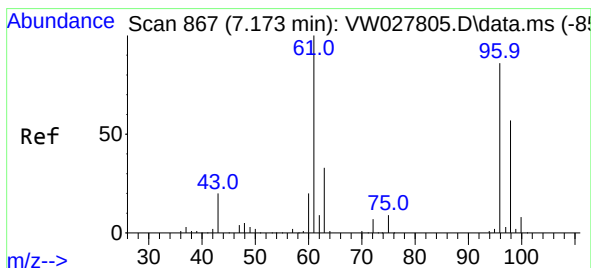
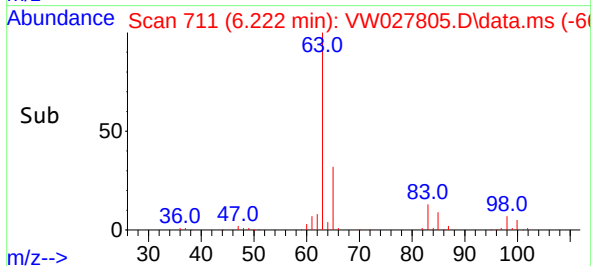
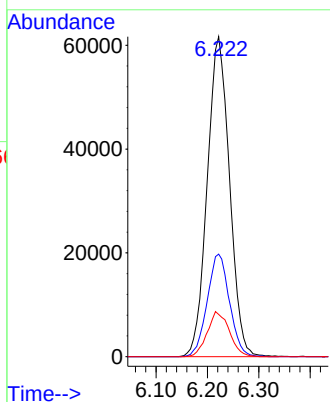


#19
1,1-Dichloroethane
Concen: 24.668 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

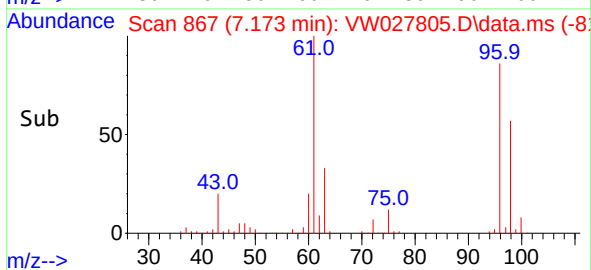
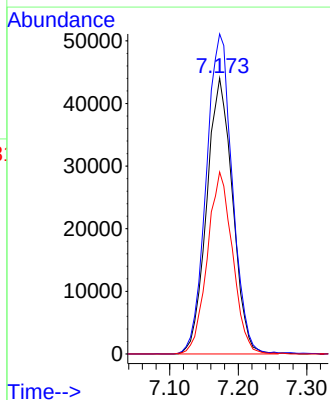
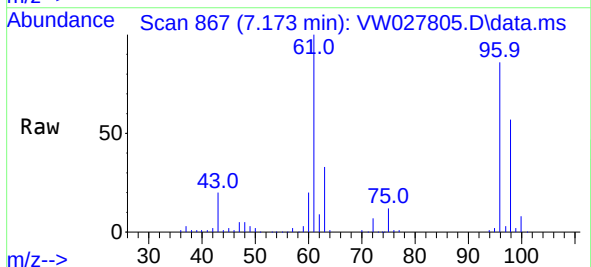


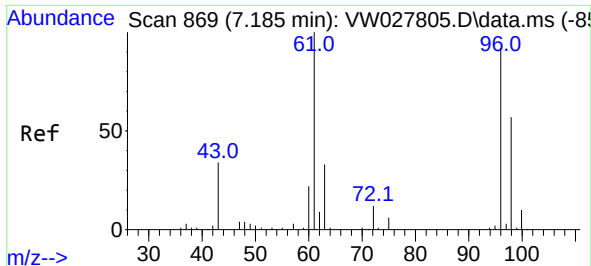
Tgt Ion: 63 Resp: 185325
Ion Ratio Lower Upper
63 100
65 32.1 23.0 42.8
83 13.2 9.6 17.8



#20
cis-1,2-Dichloroethene
Concen: 24.910 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

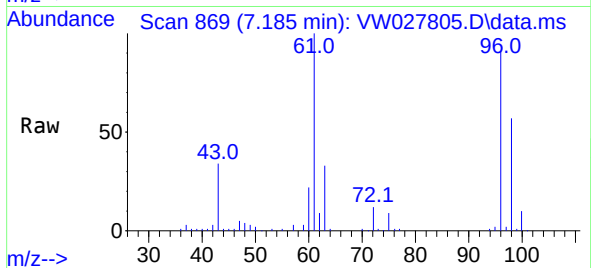
Tgt Ion: 96 Resp: 115847
Ion Ratio Lower Upper
96 100
61 116.0 83.5 155.1
98 65.9 46.5 86.5



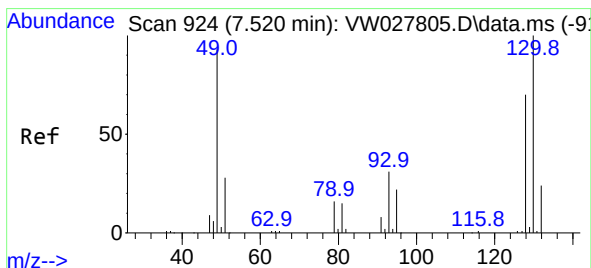
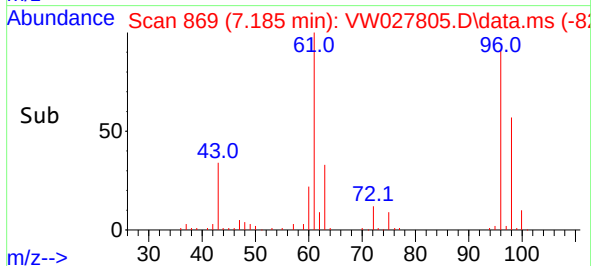
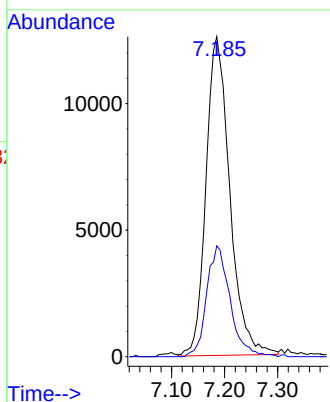


#22
2-Butanone
Concen: 39.623 ug/L
RT: 7.185 min Scan# 869
Delta R.T. -0.012 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

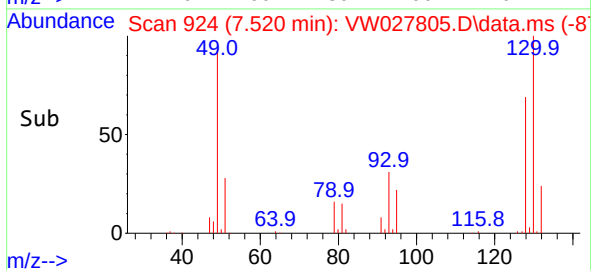
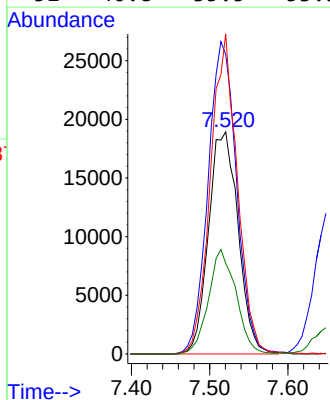
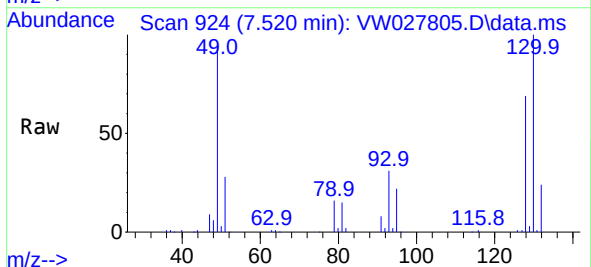


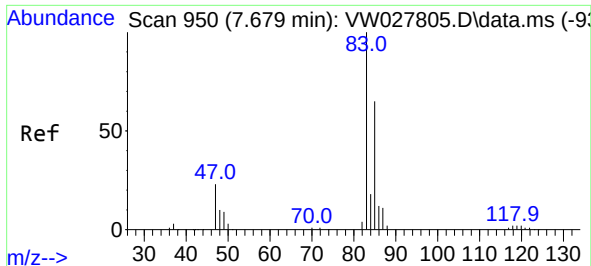
Tgt Ion: 43 Resp: 39289
Ion Ratio Lower Upper
43 100
72 33.9 16.1 48.2



#23
Bromochloromethane
Concen: 25.307 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion: 128 Resp: 49698
Ion Ratio Lower Upper
128 100
49 134.8 94.1 174.7
130 144.1 86.2 160.0
51 40.8 35.5 53.3

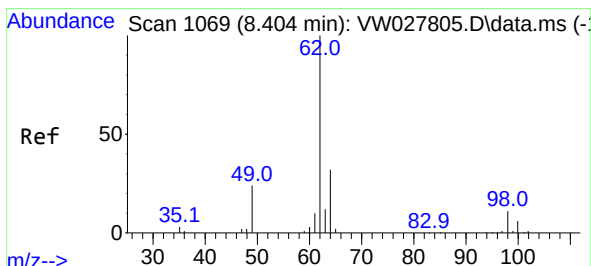
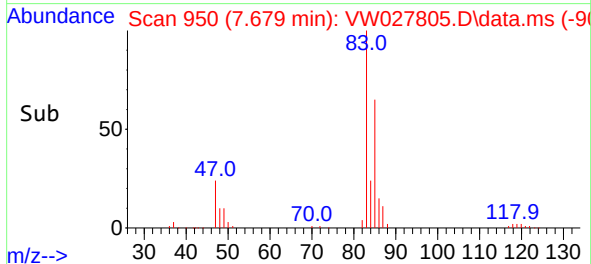
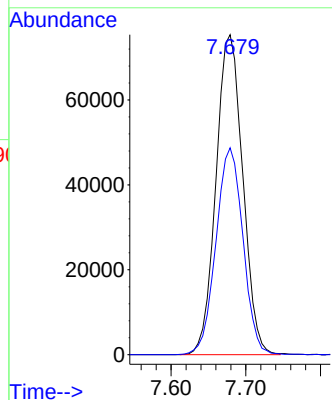
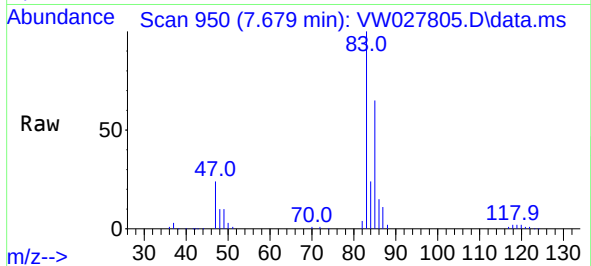




#25
Chloroform
Concen: 25.373 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

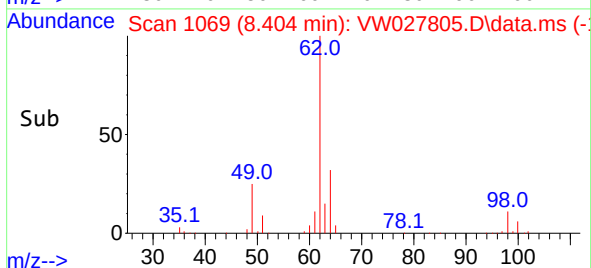
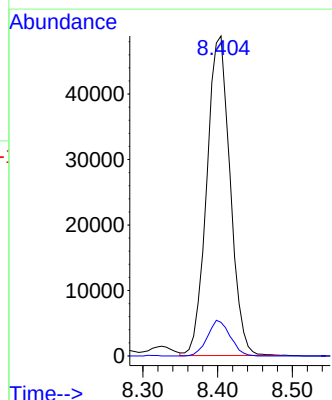
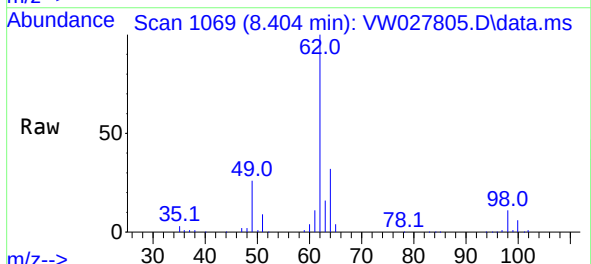
Instrument :
MSVOA_W
ClientSampleId :

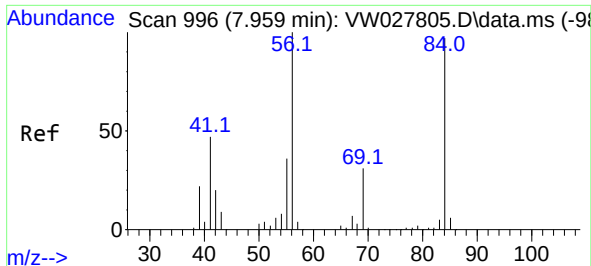
Tgt Ion: 83 Resp: 187726
Ion Ratio Lower Upper
83 100
85 64.6 46.9 87.1



#27
1,2-Dichloroethane
Concen: 24.398 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

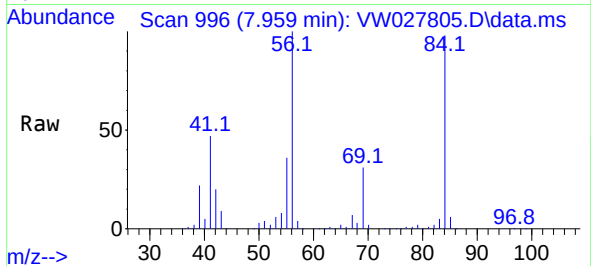
Tgt Ion: 62 Resp: 105832
Ion Ratio Lower Upper
62 100
98 10.5 8.1 12.1





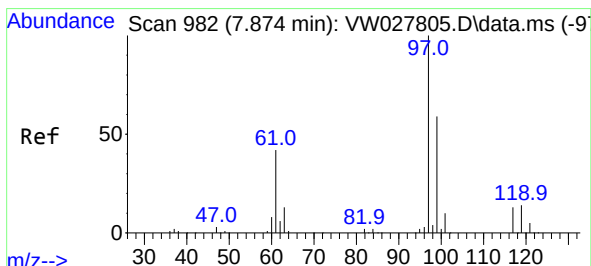
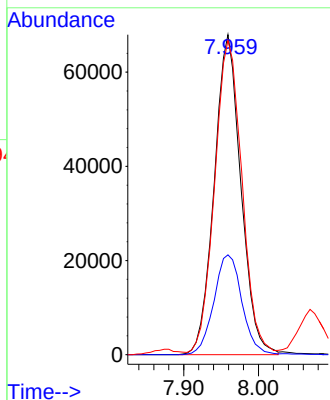
#29
Cyclohexane
Concen: 24.006 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 56 Resp: 168458

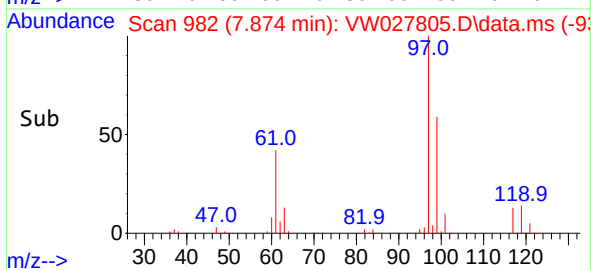
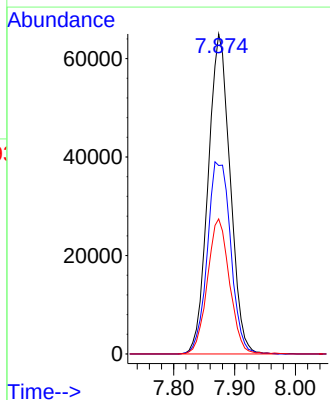
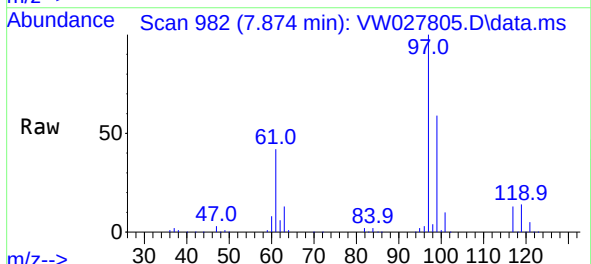
Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.7	38.5
84	100.9	75.6	113.4

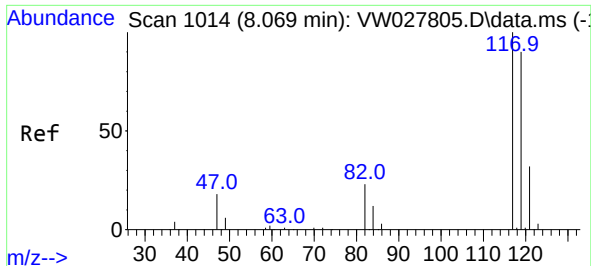


#30
1,1,1-Trichloroethane
Concen: 26.324 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion: 97 Resp: 163080

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	42.4	34.2	51.4

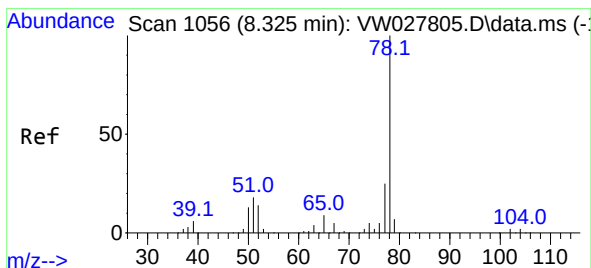
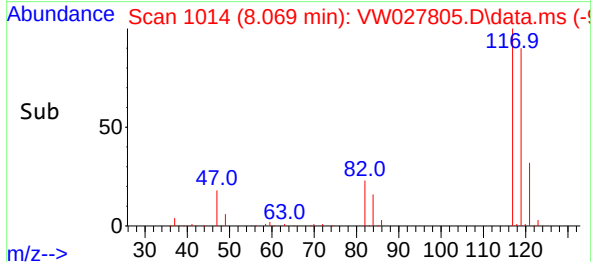
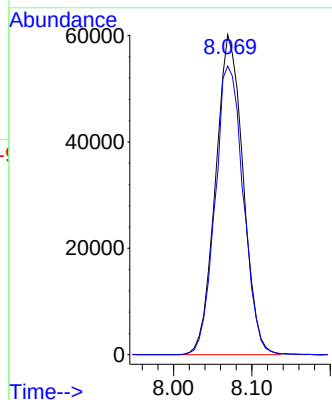
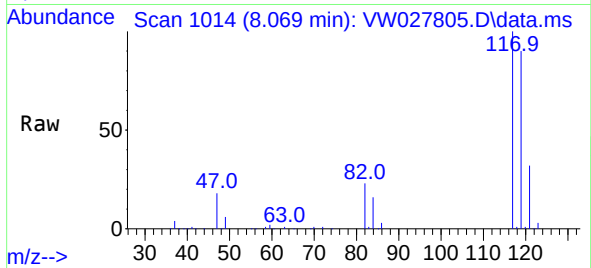




#31
Carbon tetrachloride
Concen: 26.949 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

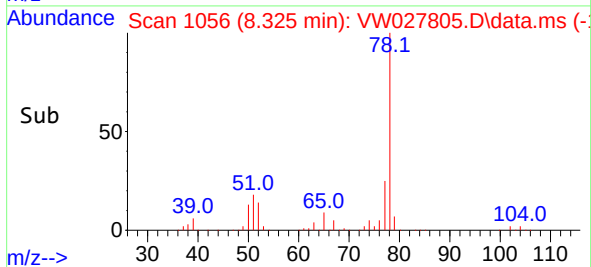
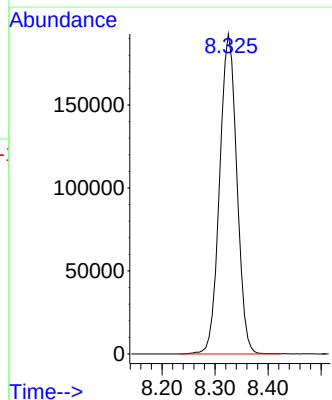
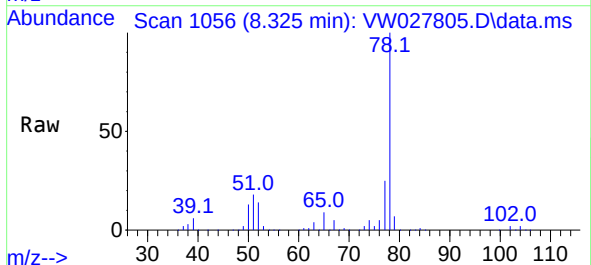
Instrument :
MSVOA_W
ClientSampleId :

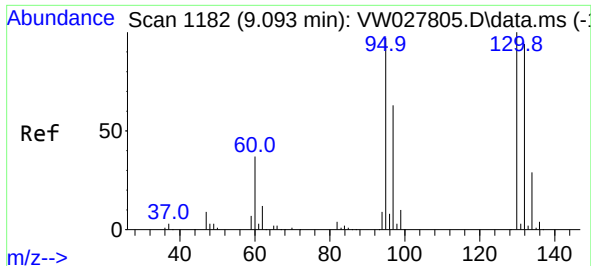
Tgt Ion:117 Resp: 146924
Ion Ratio Lower Upper
117 100
119 92.4 74.6 112.0



#33
Benzene
Concen: 25.299 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion: 78 Resp: 434944





#34

Trichloroethene

Concen: 25.353 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 118816

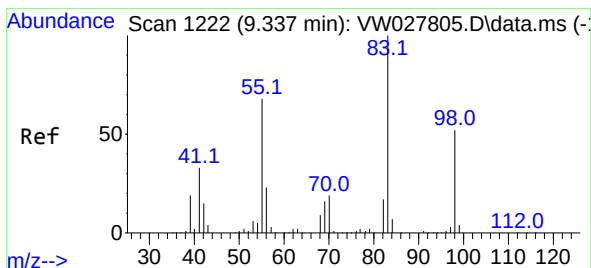
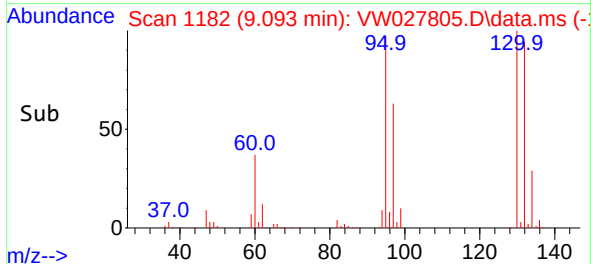
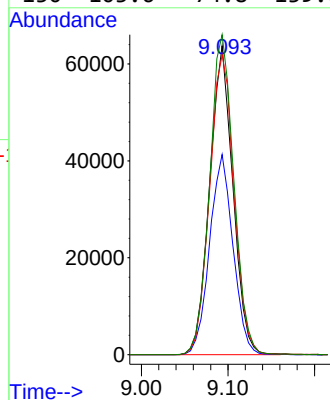
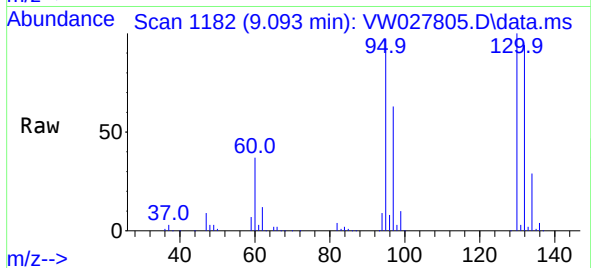
Ion Ratio Lower Upper

95 100

97 64.8 45.9 85.3

132 97.0 70.4 130.8

130 103.6 74.8 139.0



#35

Methylcyclohexane

Concen: 25.354 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

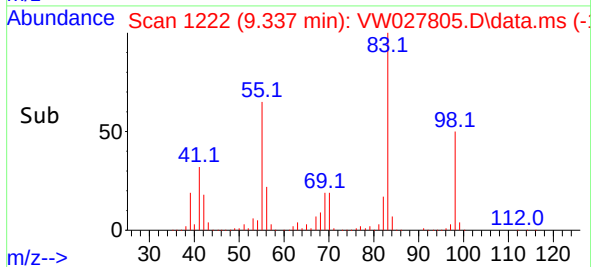
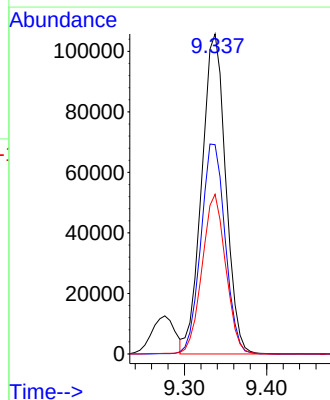
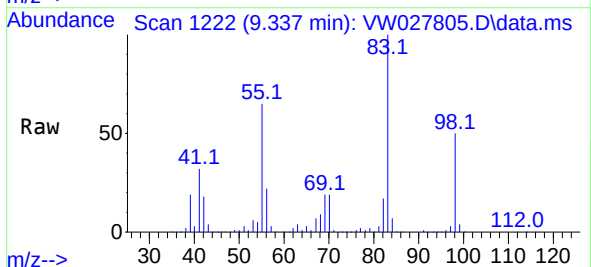
Tgt Ion: 83 Resp: 214308

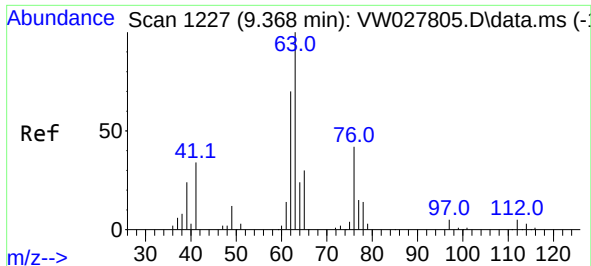
Ion Ratio Lower Upper

83 100

55 66.1 55.1 82.7

98 49.2 39.3 58.9





#37

1,2-Dichloropropane

Concen: 24.489 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Instrument :

MSVOA_W

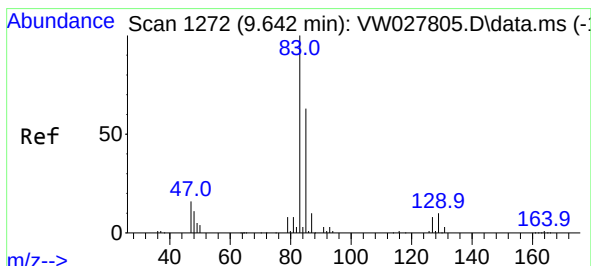
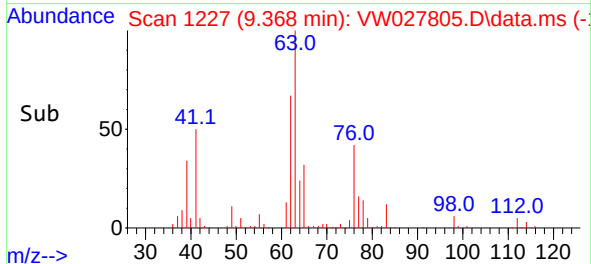
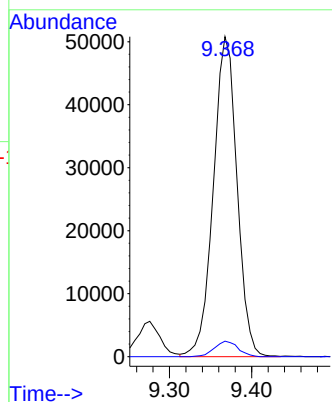
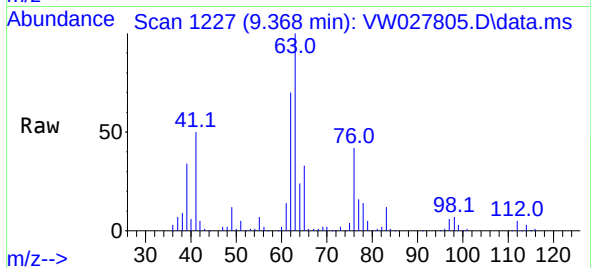
ClientSampleId :

Tgt Ion: 63 Resp: 101632

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 24.984 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

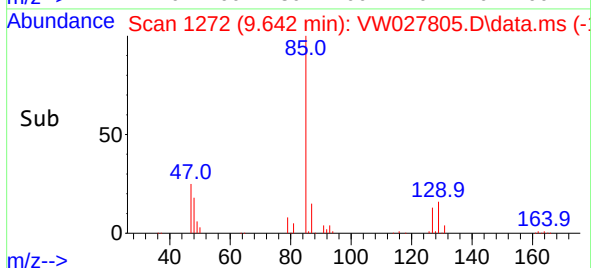
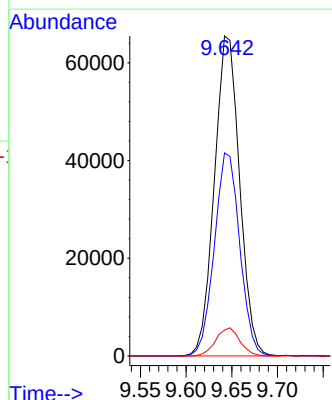
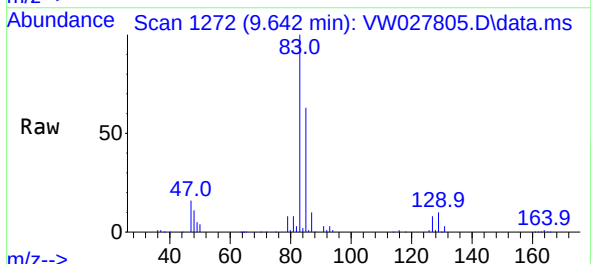
Tgt Ion: 83 Resp: 126026

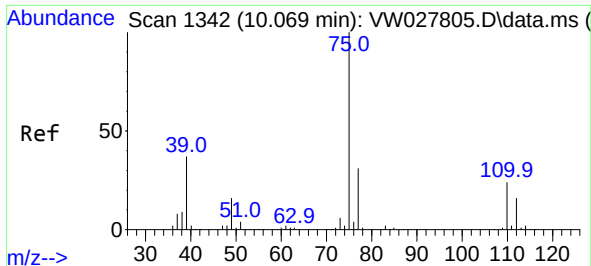
Ion Ratio Lower Upper

83 100

85 63.4 45.3 84.1

127 8.1 6.8 10.2





#39

cis-1,3-Dichloropropene

Concen: 24.762 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Instrument :

MSVOA_W

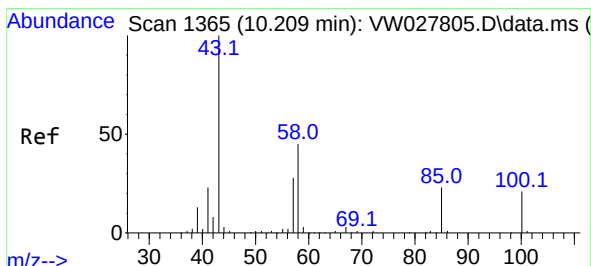
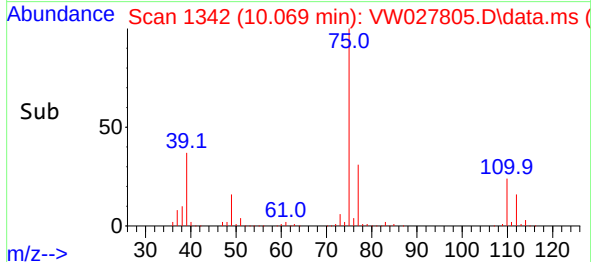
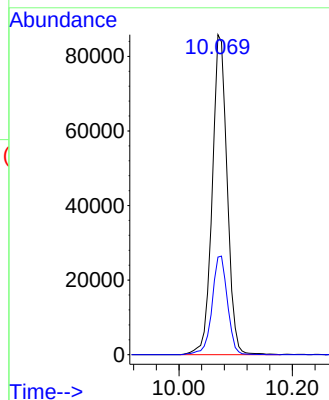
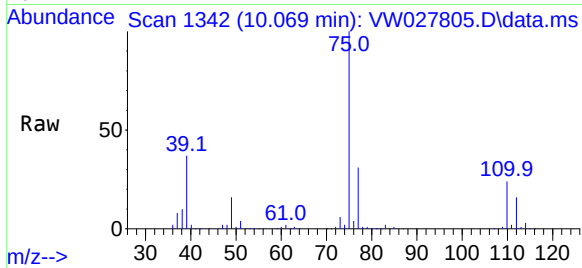
ClientSampleId :

Tgt Ion: 75 Resp: 156635

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 40.612 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

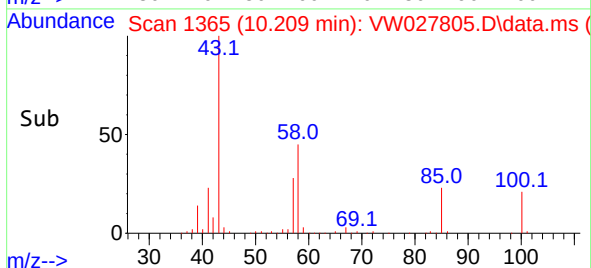
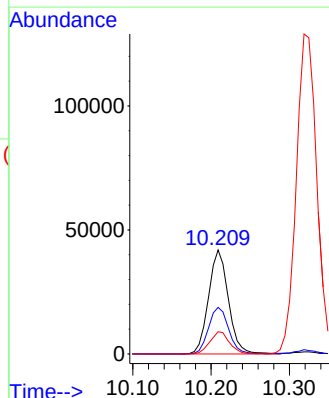
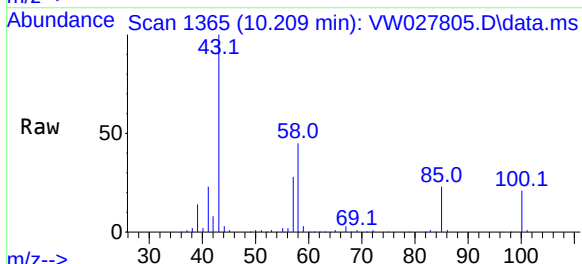
Tgt Ion: 43 Resp: 73666

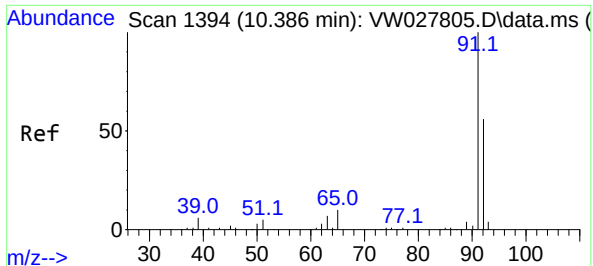
Ion Ratio Lower Upper

43 100

58 45.5 36.1 54.1

100 21.1 15.8 23.8

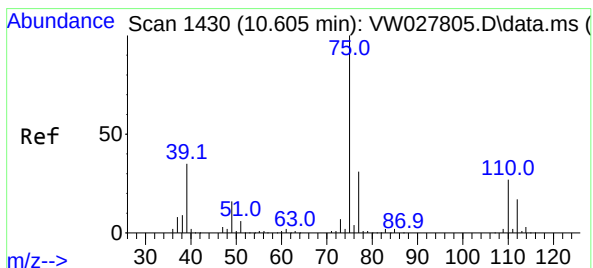
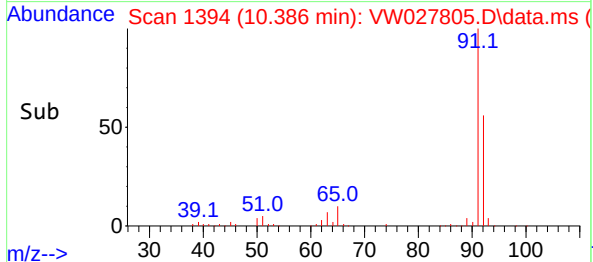
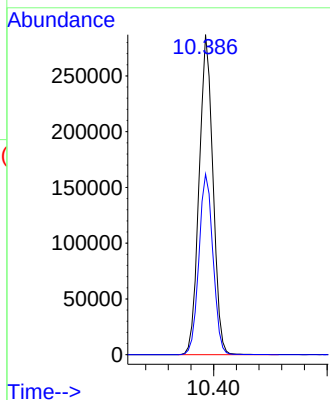
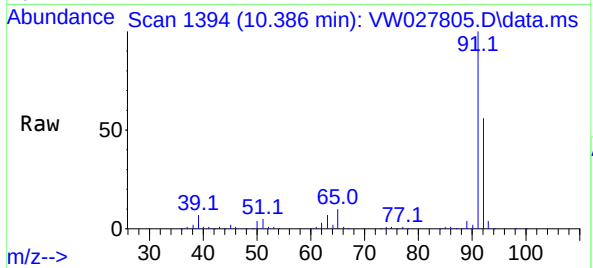




#42
Toluene
Concen: 26.239 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

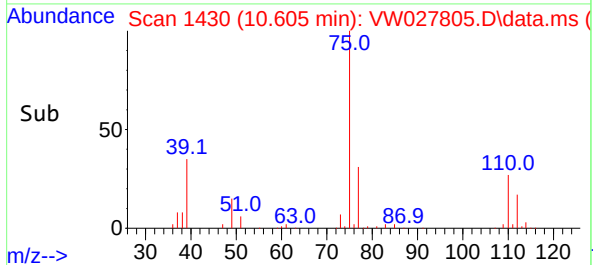
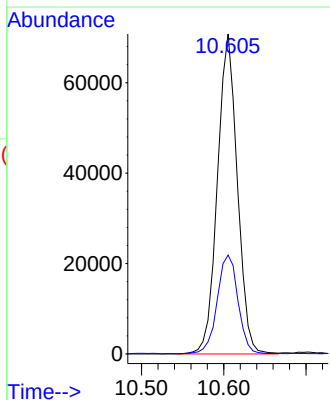
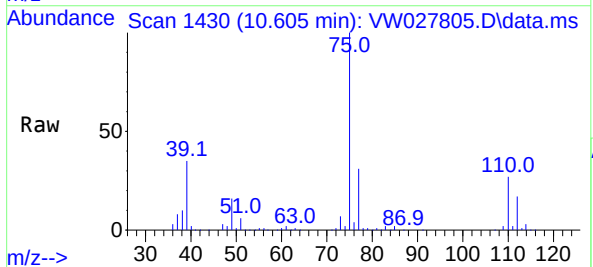
Instrument :
MSVOA_W
ClientSampleId :

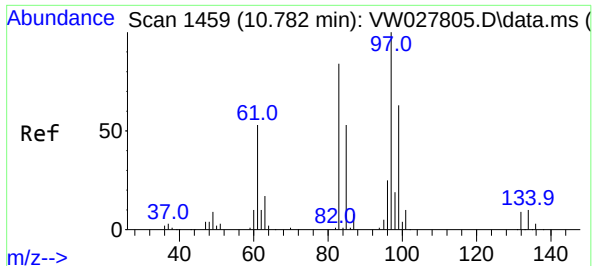
Tgt Ion: 91 Resp: 485393
Ion Ratio Lower Upper
91 100
92 56.4 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 23.904 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion: 75 Resp: 119073
Ion Ratio Lower Upper
75 100
77 30.9 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 23.891 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

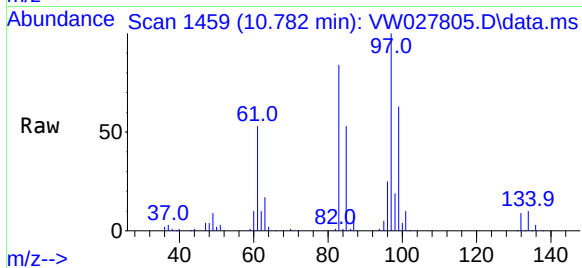
Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 73407

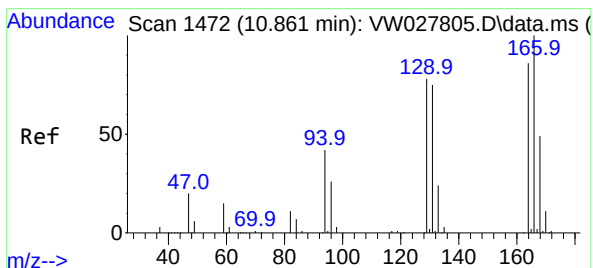
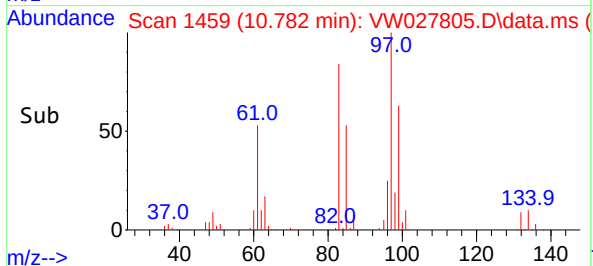
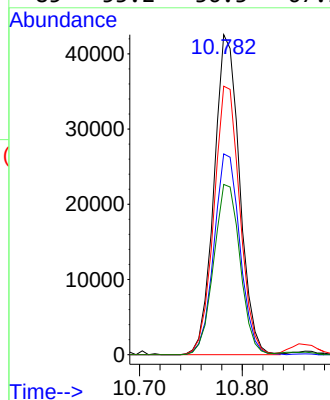
Ion Ratio Lower Upper

97 100

99 62.7 43.4 80.6

83 83.9 59.0 109.6

85 53.2 36.3 67.5



#46

Tetrachloroethene

Concen: 26.006 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Tgt Ion:164 Resp: 97319

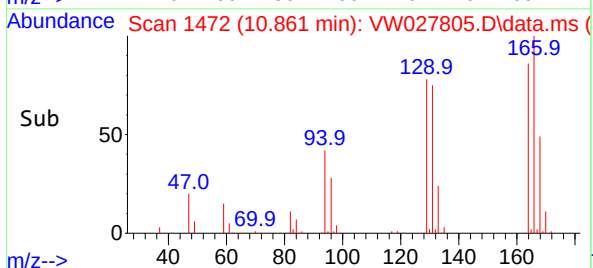
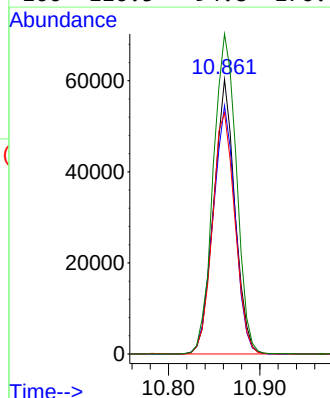
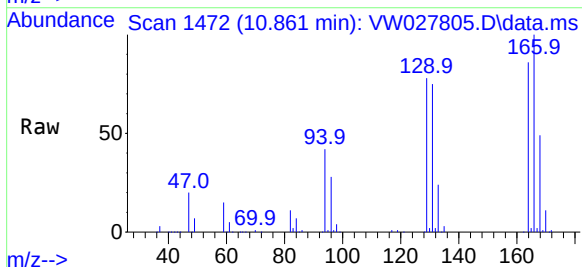
Ion Ratio Lower Upper

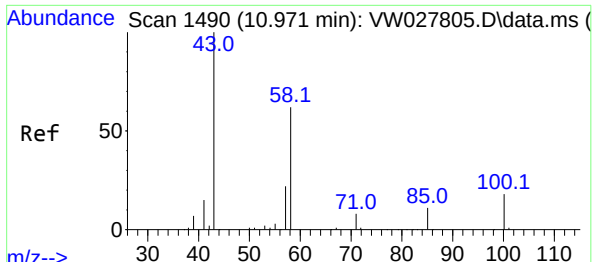
164 100

129 90.4 70.5 130.9

131 87.8 64.8 120.3

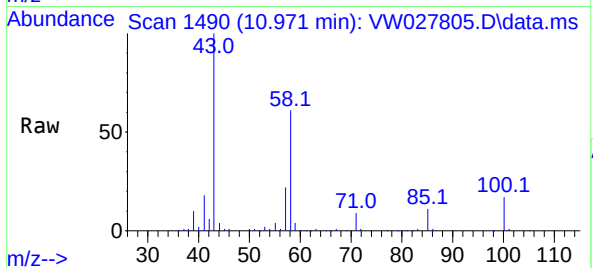
166 116.5 94.8 176.0



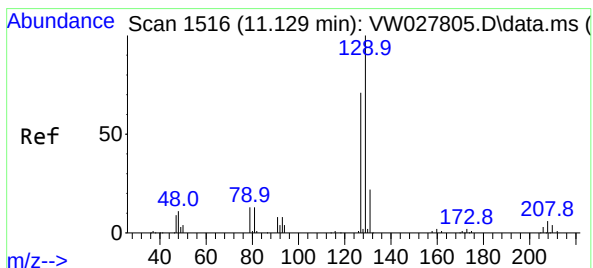
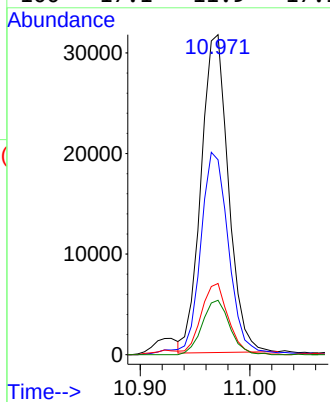
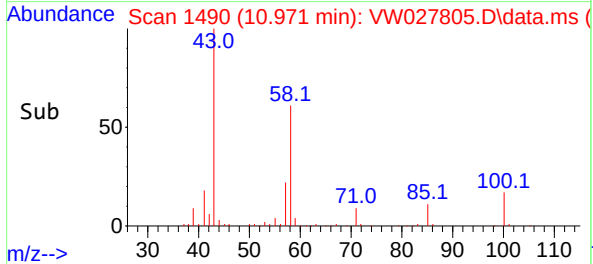


#48
2-Hexanone
Concen: 40.563 ug/L
RT: 10.971 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

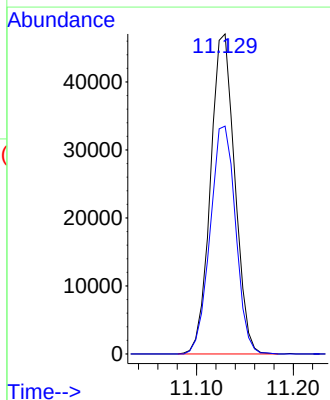
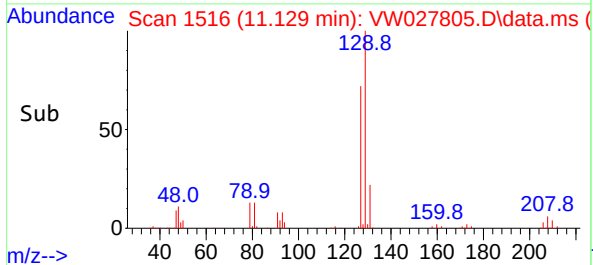
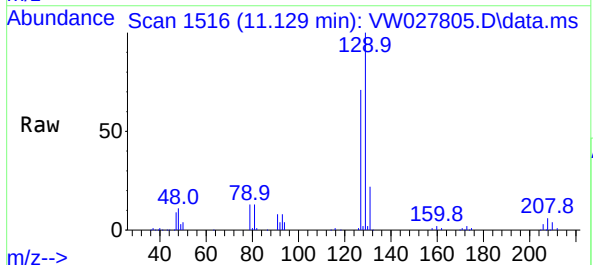


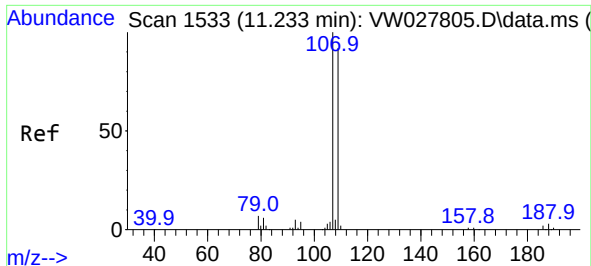
Tgt Ion:	43	Resp:	54765
Ion	Ratio	Lower	Upper
43	100		
58	65.3	50.4	75.6
57	22.4	17.0	25.6
100	17.1	11.9	17.9



#49
Dibromochloromethane
Concen: 25.543 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

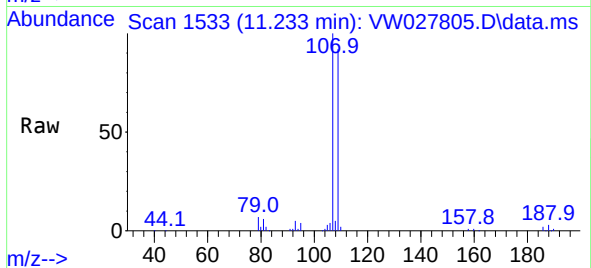
Tgt Ion:	129	Resp:	82087
Ion	Ratio	Lower	Upper
129	100		
127	71.2	55.4	102.8



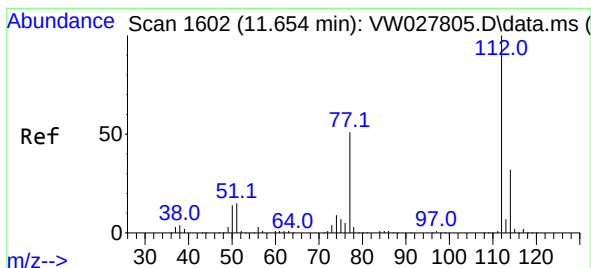
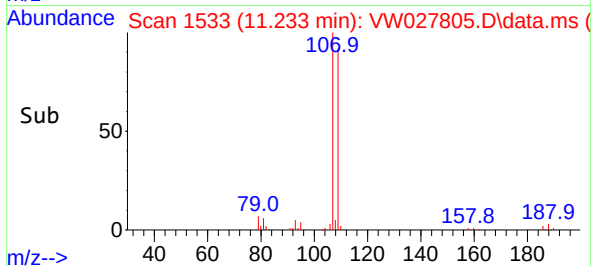
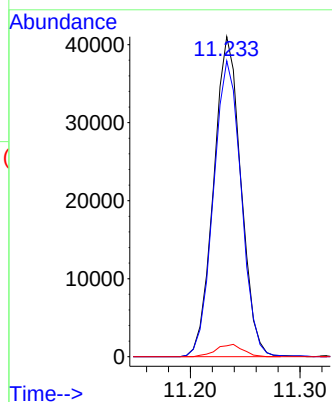


#50
1,2-Dibromoethane
Concen: 24.250 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

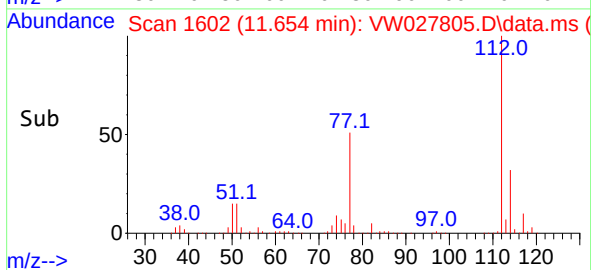
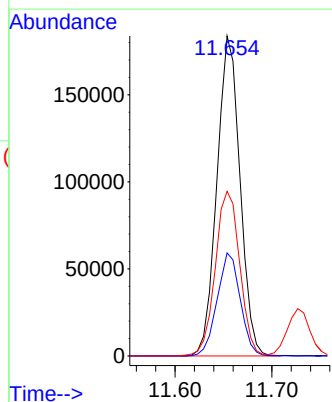
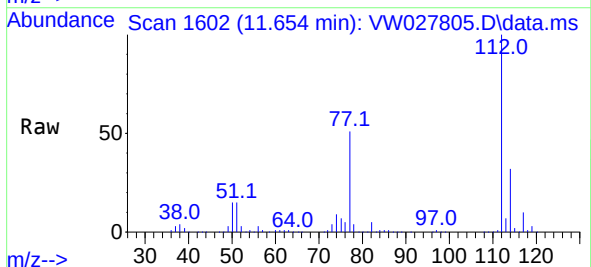


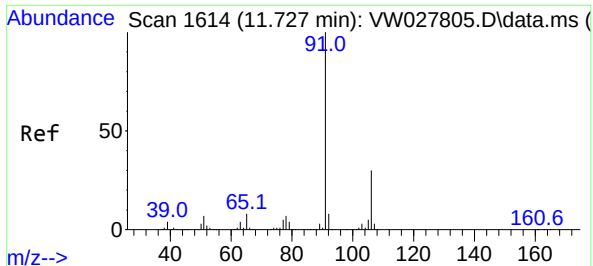
Tgt Ion:107 Resp: 70810
Ion Ratio Lower Upper
107 100
109 92.5 72.1 133.9
188 3.4 3.0 4.4



#51
Chlorobenzene
Concen: 25.754 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion:112 Resp: 304371
Ion Ratio Lower Upper
112 100
114 32.2 25.0 46.4
77 51.5 48.1 72.1





#52

Ethylbenzene

Concen: 25.952 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Instrument :

MSVOA_W

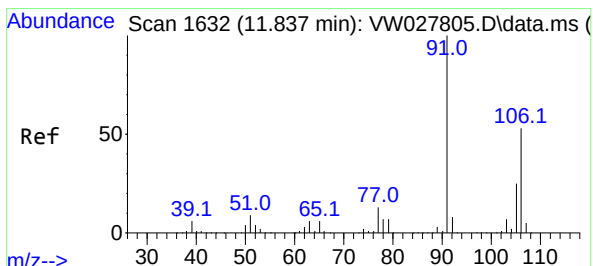
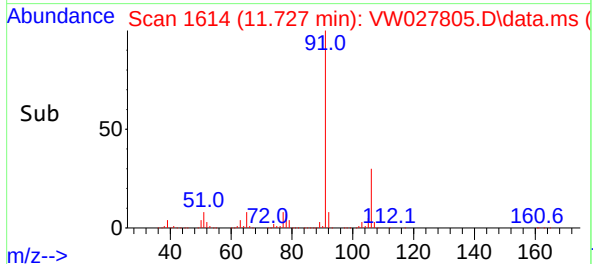
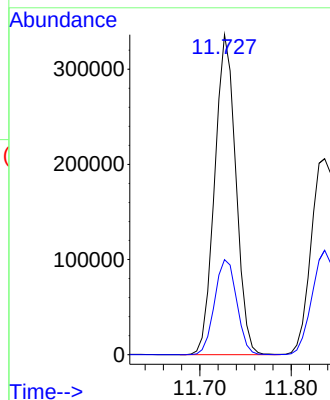
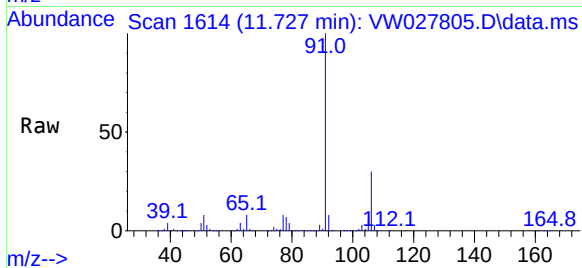
ClientSampleId :

Tgt Ion: 91 Resp: 540969

Ion Ratio Lower Upper

91 100

106 29.7 23.7 44.1



#53

m,p-Xylene

Concen: 25.712 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW027805.D

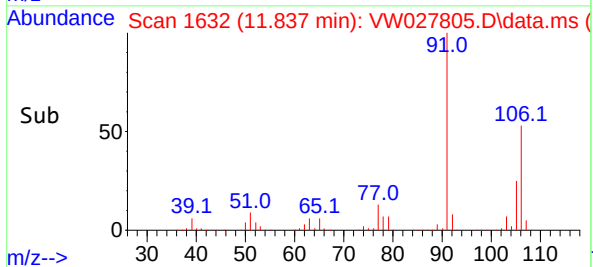
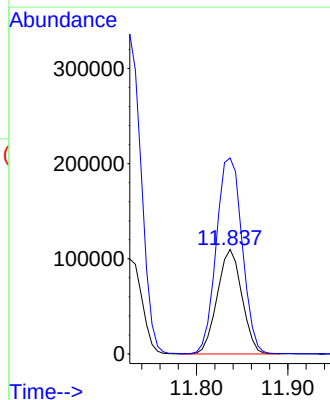
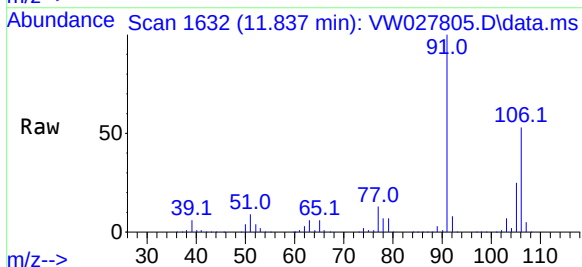
Acq: 20 Dec 2023 12:28

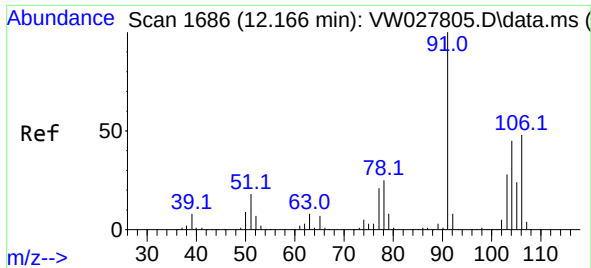
Tgt Ion:106 Resp: 205874

Ion Ratio Lower Upper

106 100

91 187.5 135.7 251.9

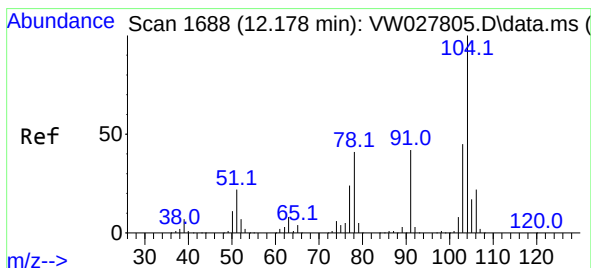
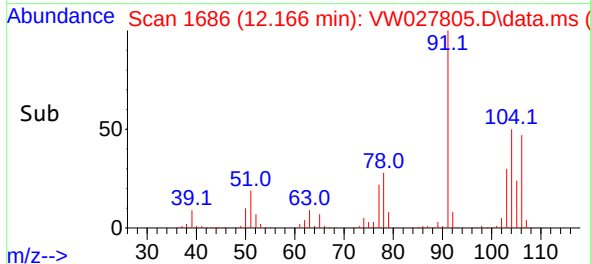
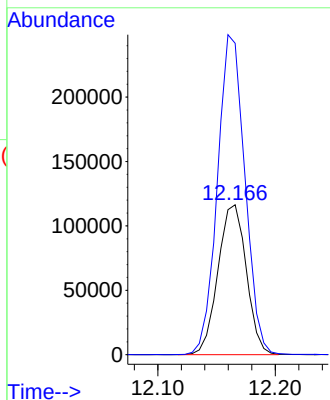
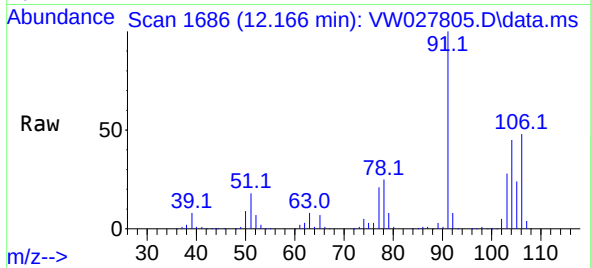




#54
o-Xylene
Concen: 26.200 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

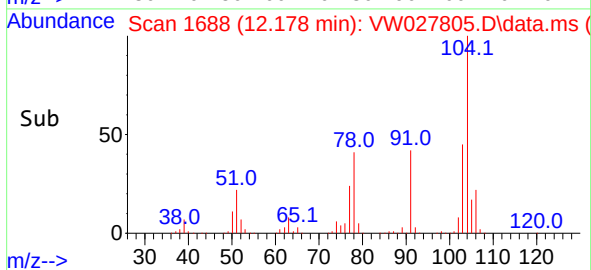
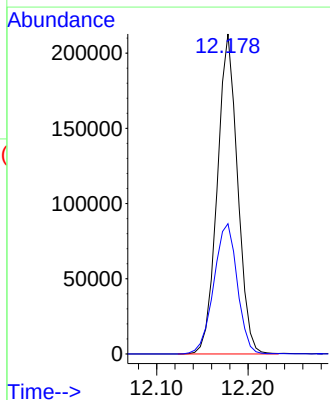
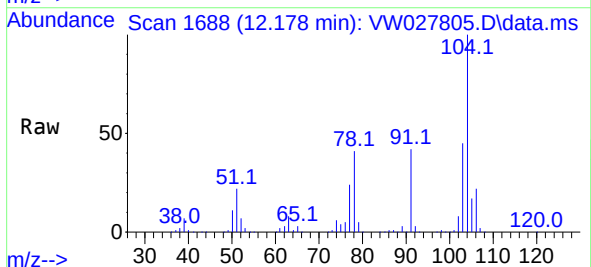
Instrument :
MSVOA_W
ClientSampleId :

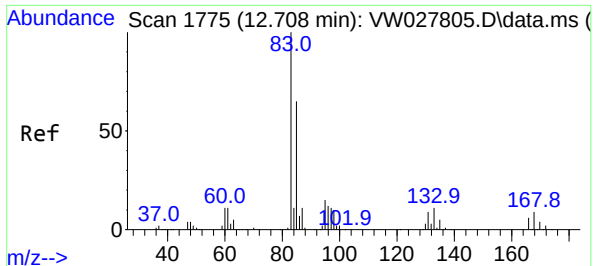
Tgt Ion:106 Resp: 195337
Ion Ratio Lower Upper
106 100
91 207.6 149.9 278.3



#55
Styrene
Concen: 26.213 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion:104 Resp: 329457
Ion Ratio Lower Upper
104 100
78 40.7 29.6 55.0



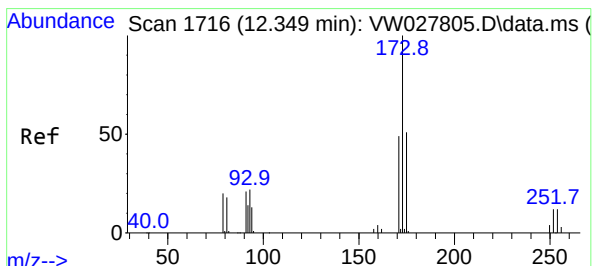
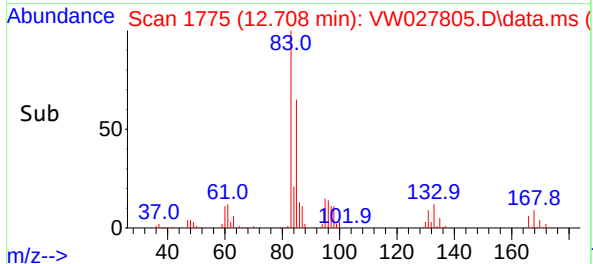
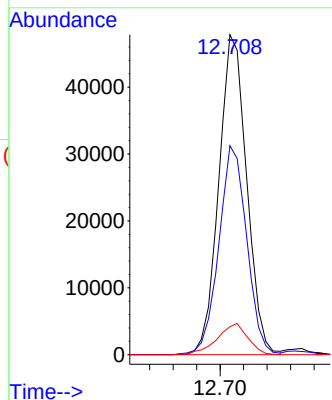
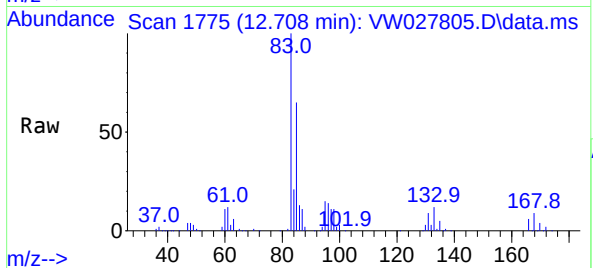


#57
1,1,2,2-Tetrachloroethane
Concen: 22.485 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 83 Resp: 78754

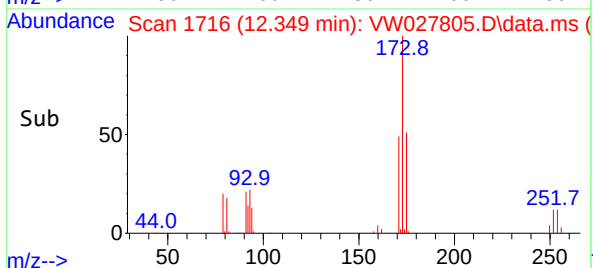
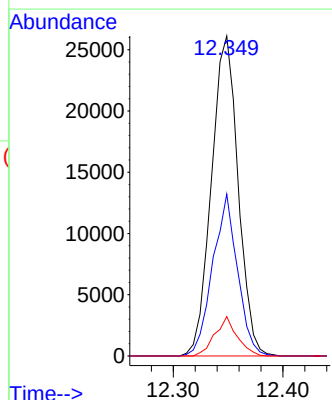
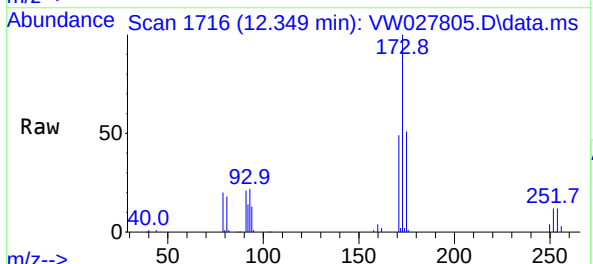
Ion	Ratio	Lower	Upper
83	100		
85	65.3	45.8	85.2
131	8.7	7.0	10.6



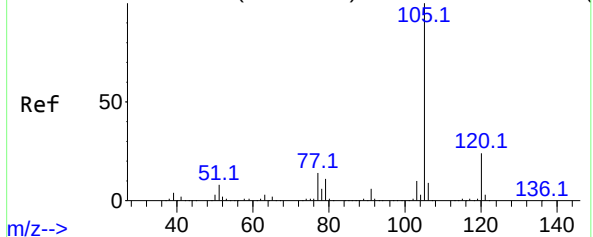
#59
Bromoform
Concen: 23.513 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion: 173 Resp: 44252

Ion	Ratio	Lower	Upper
173	100		
175	47.1	36.3	54.5
254	10.2	7.5	11.3



Abundance Scan 1734 (12.458 min): VW027805.D\data.ms (



#60

Isopropylbenzene

Concen: 25.584 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:105 Resp: 555190

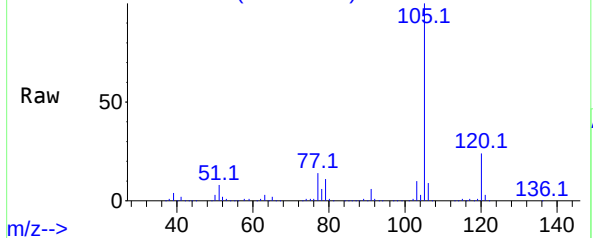
Ion Ratio Lower Upper

105 100

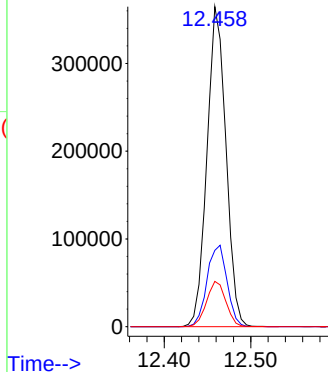
120 26.8 21.0 31.4

77 14.5 12.0 18.0

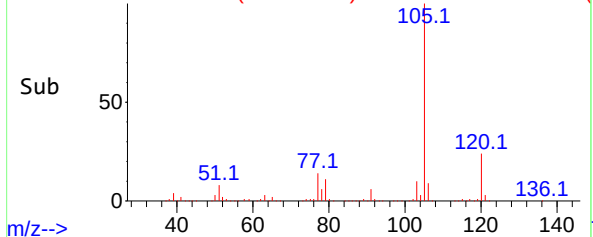
Abundance Scan 1734 (12.458 min): VW027805.D\data.ms



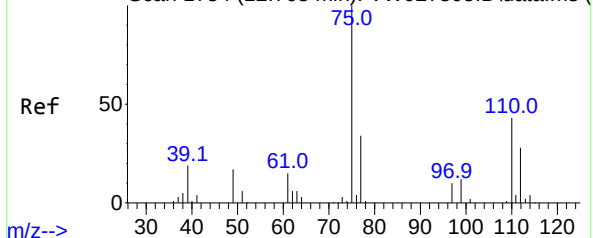
Abundance



Abundance Scan 1734 (12.458 min): VW027805.D\data.ms (



Abundance Scan 1784 (12.763 min): VW027805.D\data.ms (



#61

1,2,3-Trichloropropane

Concen: 21.135 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Tgt Ion: 75 Resp: 54160

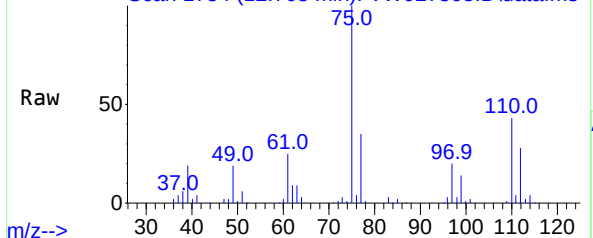
Ion Ratio Lower Upper

75 100

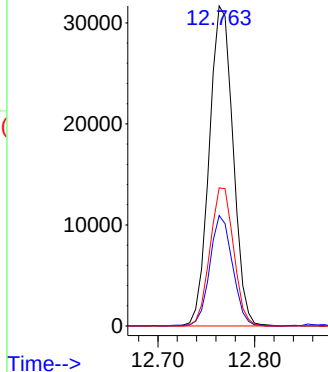
77 32.9 26.2 39.4

110 42.8 32.2 48.2

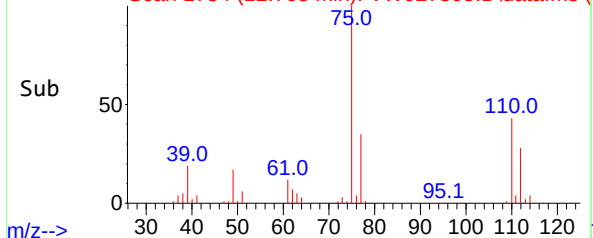
Abundance Scan 1784 (12.763 min): VW027805.D\data.ms

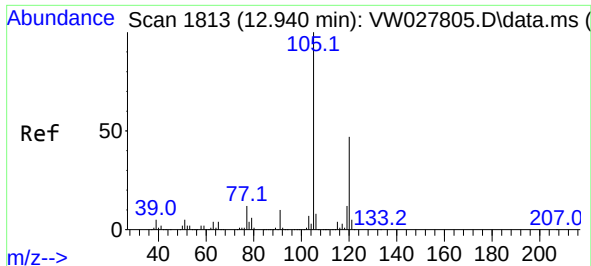


Abundance



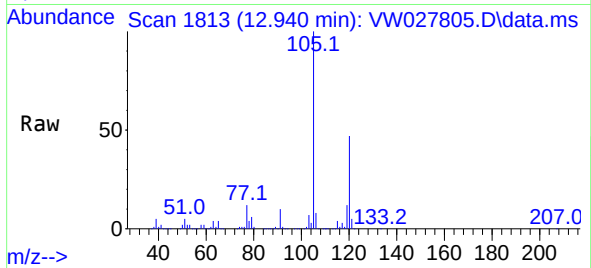
Abundance Scan 1784 (12.763 min): VW027805.D\data.ms (



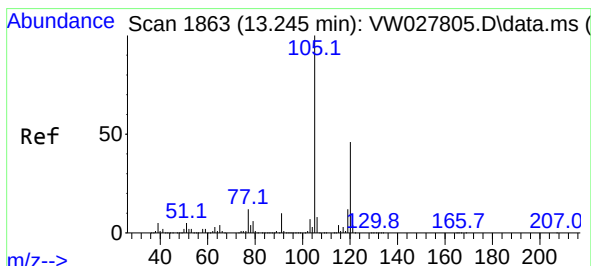
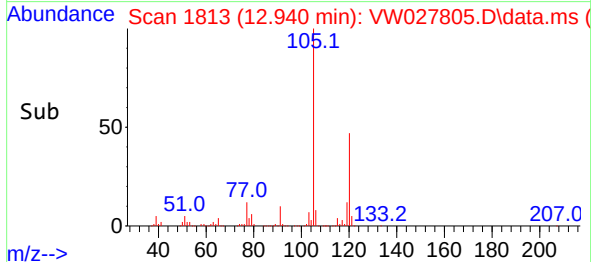
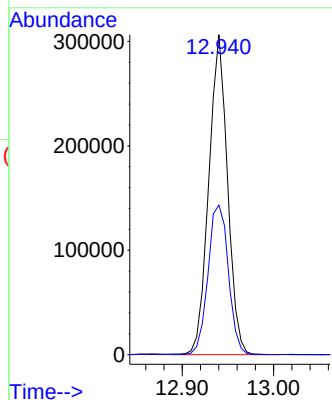


#62
1,3,5-Trimethylbenzene
Concen: 25.133 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

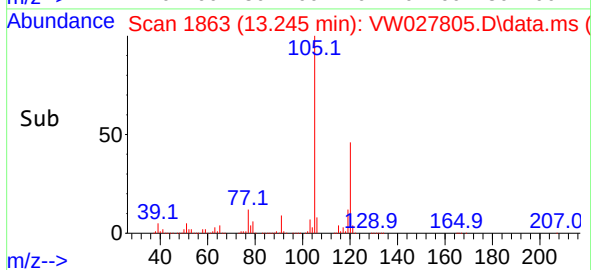
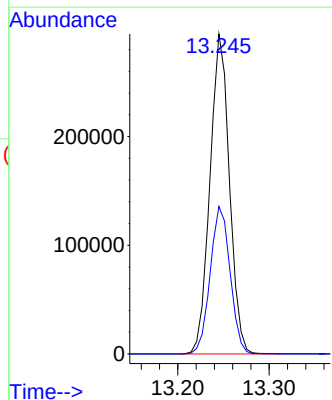
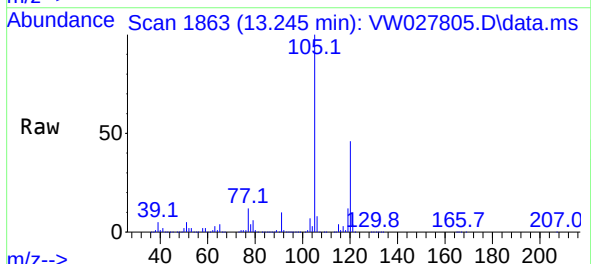


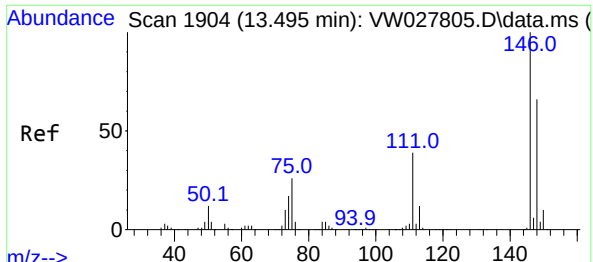
Tgt Ion:105 Resp: 435990
Ion Ratio Lower Upper
105 100
120 51.0 40.0 60.0



#63
1,2,4-Trimethylbenzene
Concen: 25.477 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion:105 Resp: 435041
Ion Ratio Lower Upper
105 100
120 47.1 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 25.679 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

Instrument :

MSVOA_W

ClientSampleId :

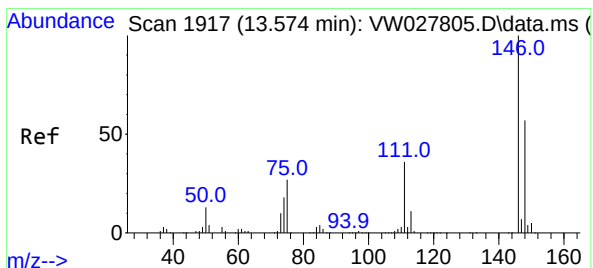
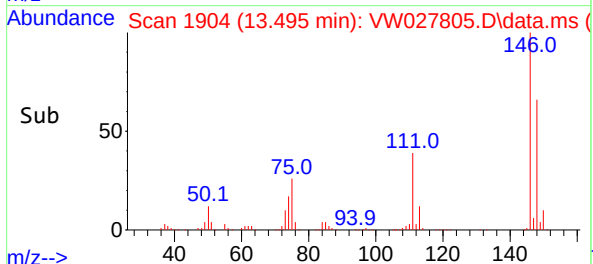
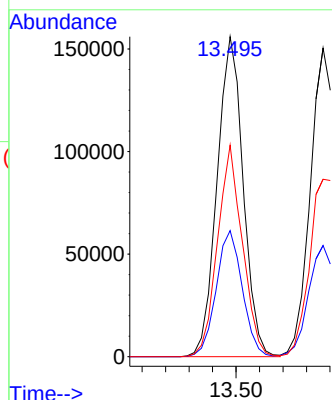
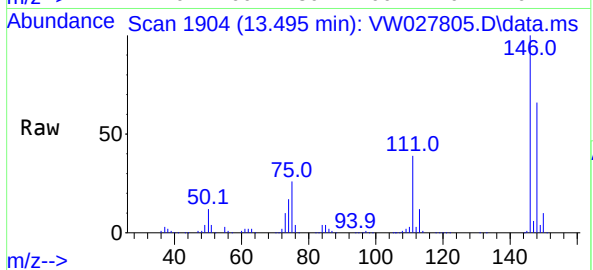
Tgt Ion:146 Resp: 240795

Ion Ratio Lower Upper

146 100

111 39.4 31.1 57.7

148 66.1 52.6 97.8



#65

1,4-Dichlorobenzene

Concen: 24.930 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW027805.D

Acq: 20 Dec 2023 12:28

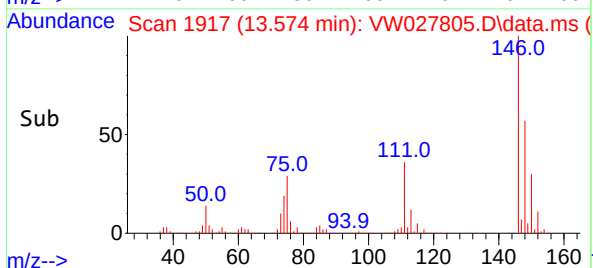
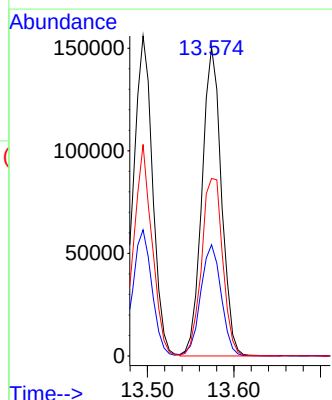
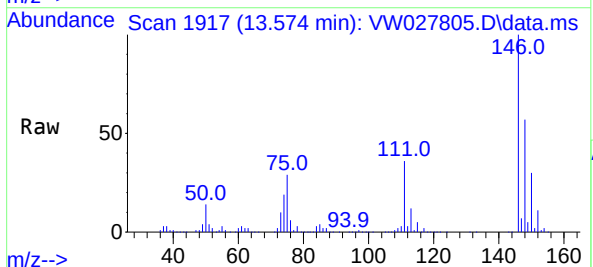
Tgt Ion:146 Resp: 234816

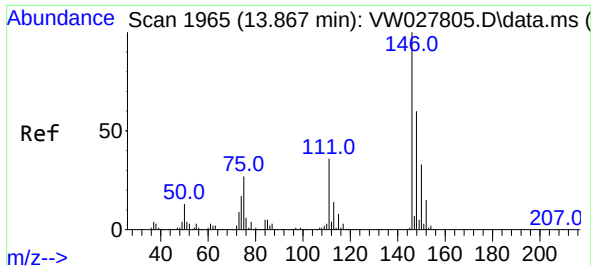
Ion Ratio Lower Upper

146 100

111 36.0 26.2 48.6

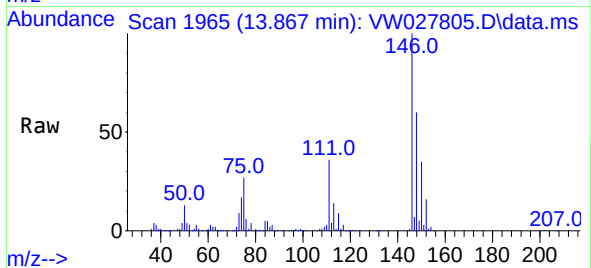
148 57.5 46.3 85.9



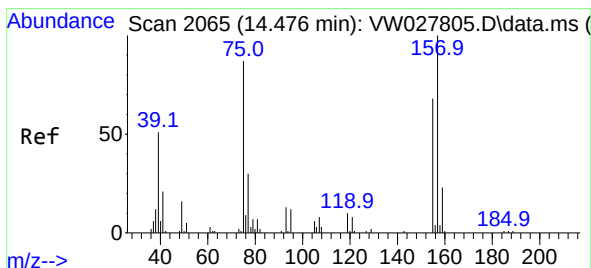
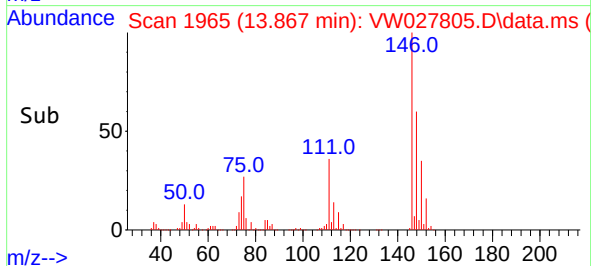
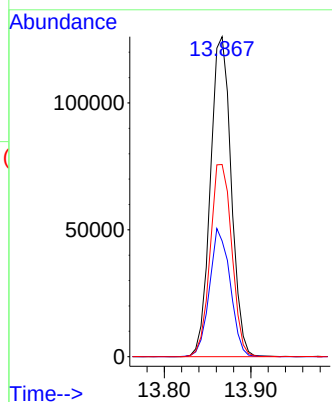


#67
1,2-Dichlorobenzene
Concen: 25.828 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

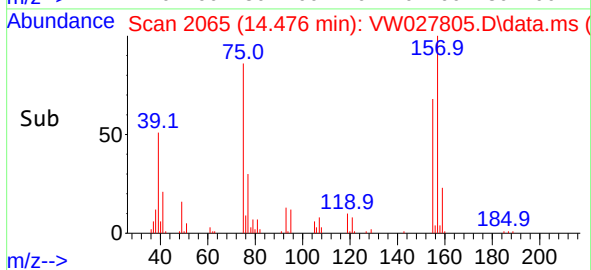
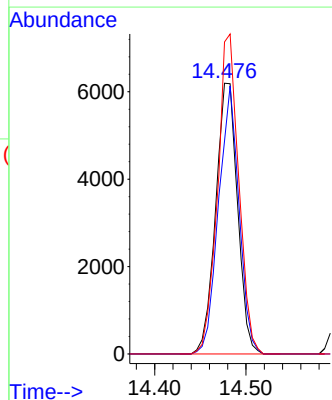
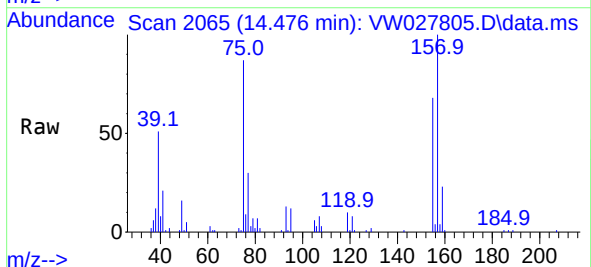


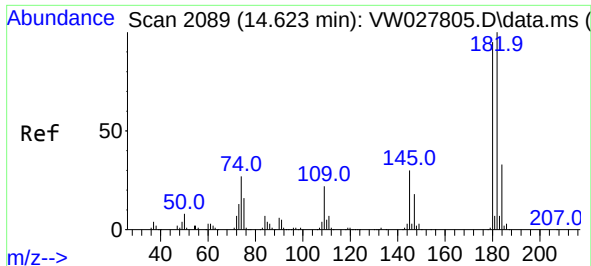
Tgt Ion:146 Resp: 210610
Ion Ratio Lower Upper
146 100
111 36.2 32.1 48.1
148 60.1 53.0 79.4



#68
1,2-Dibromo-3-chloropropane
Concen: 20.135 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

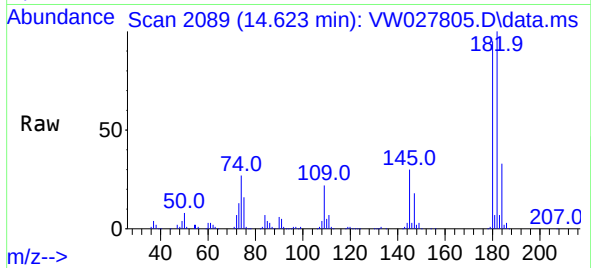
Tgt Ion: 75 Resp: 10308
Ion Ratio Lower Upper
75 100
155 78.7 59.8 89.6
157 115.2 87.5 131.3



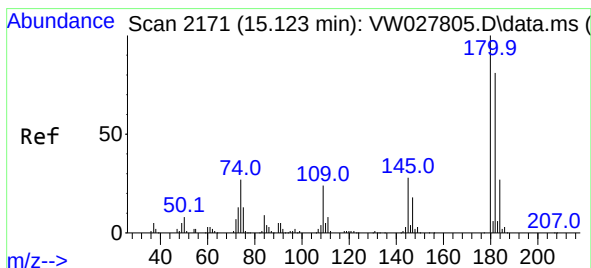
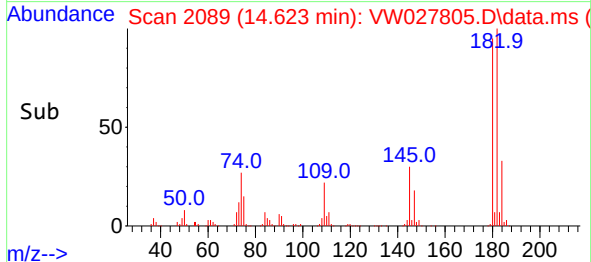
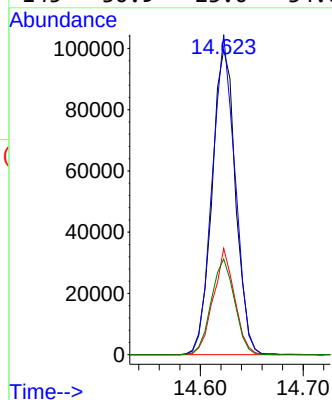


#69
 1,3,5-Trichlorobenzene
 Concen: 24.378 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. 0.006 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

Instrument :
 MSVOA_W
 ClientSampleId :

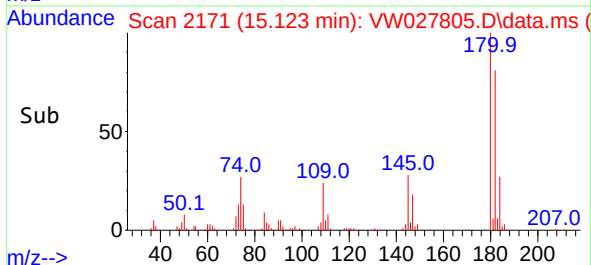
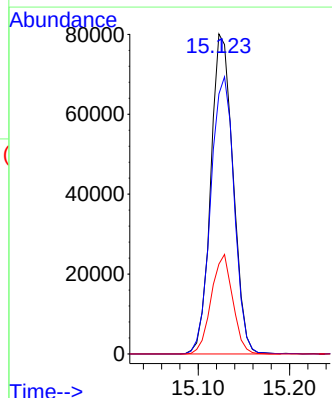
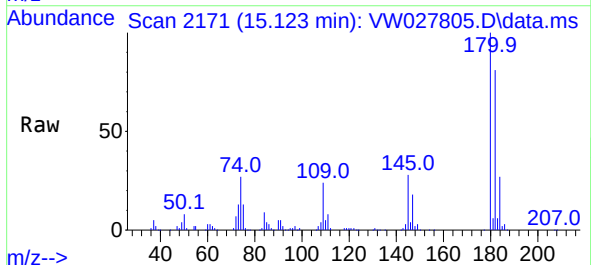


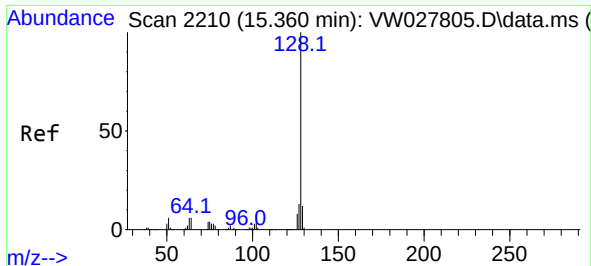
Tgt Ion:180 Resp: 159057
 Ion Ratio Lower Upper
 180 100
 182 100.6 72.6 109.0
 184 31.3 23.0 34.6
 145 30.9 23.0 34.6



#70
 1,2,4-trichlorobenzene
 Concen: 25.315 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.006 min
 Lab File: VW027805.D
 Acq: 20 Dec 2023 12:28

Tgt Ion:180 Resp: 135645
 Ion Ratio Lower Upper
 180 100
 182 90.9 69.7 104.5
 145 29.9 24.1 36.1

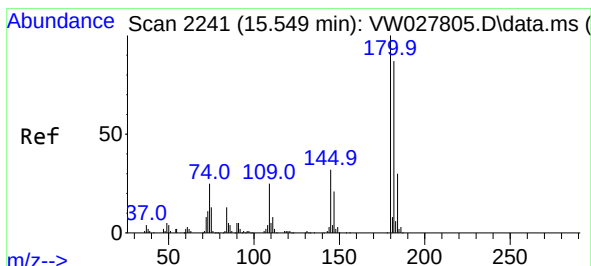
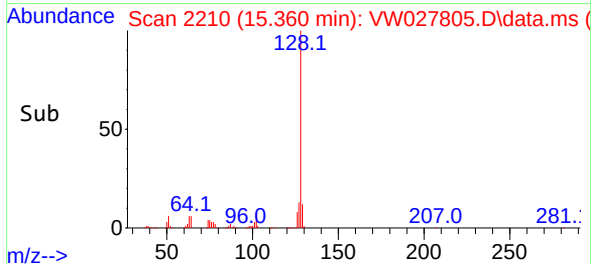
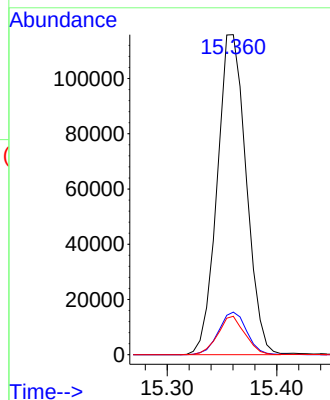
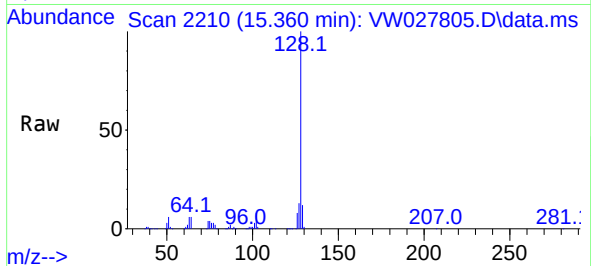




#71
Naphthalene
Concen: 22.461 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 213275
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.3 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.915 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW027805.D
Acq: 20 Dec 2023 12:28

Tgt Ion:180 Resp: 111619
Ion Ratio Lower Upper
180 100
182 93.8 75.5 113.3
145 32.1 25.0 37.6

