

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020624\
 Data File : VW027965.D
 Acq On : 06 Feb 2024 09:31
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 06 23:45:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 06 04:06:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	357660	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	325510	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	166407	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	88444	21.113	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.440%
7) Chloroethane-d5	2.905	69	76378	24.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.160%
11) 1,1-Dichloroethene-d2	4.021	65	38584	21.526	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.120%
21) 2-Butanone-d5	7.087	46	28460	43.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.460%
24) Chloroform-d	7.654	84	182735	21.851	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	8.306	65	82077	21.731	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.920%
32) Benzene-d6	8.276	84	368287	21.147	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	9.270	67	97097	20.563	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.240%
41) Toluene-d8	10.324	98	359390	21.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	10.580	79	41392	21.315	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.280%
47) 2-Hexanone-d5	10.922	63	28397	44.212	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.420%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74246	21.037	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	119172	21.070	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	68268	22.165	ug/L	97
3) Chloromethane	2.222	50	65841	19.465	ug/L	97
5) Vinyl chloride	2.374	62	95462	20.822	ug/L	100
6) Bromomethane	2.795	94	70087	21.636	ug/L	96
8) Chloroethane	2.941	64	61717	23.826	ug/L	96
9) Trichlorofluoromethane	3.271	101	94617	22.709	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	93538	22.273	ug/L #	68
12) 1,1-Dichloroethene	4.051	96	88237	22.585	ug/L	84
13) Acetone	4.149	43	32515	51.373	ug/L	98
14) Carbon disulfide	4.392	76	239776	20.731	ug/L	100
15) Methyl Acetate	4.685	43	22962	21.793	ug/L	96
16) Methylene chloride	4.917	84	89259	19.967	ug/L	99
17) trans-1,2-Dichloroethene	5.435	96	92922	22.138	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	117058	23.524	ug/L	99
19) 1,1-Dichloroethane	6.221	63	153719	22.543	ug/L	98
20) cis-1,2-Dichloroethene	7.172	96	98613	22.248	ug/L	95
22) 2-Butanone	7.185	43	35405	48.460	ug/L	99
23) Bromochloromethane	7.520	128	44037	22.367	ug/L	93
25) Chloroform	7.678	83	168228	22.949	ug/L	98

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 Response via : Initial Calibration

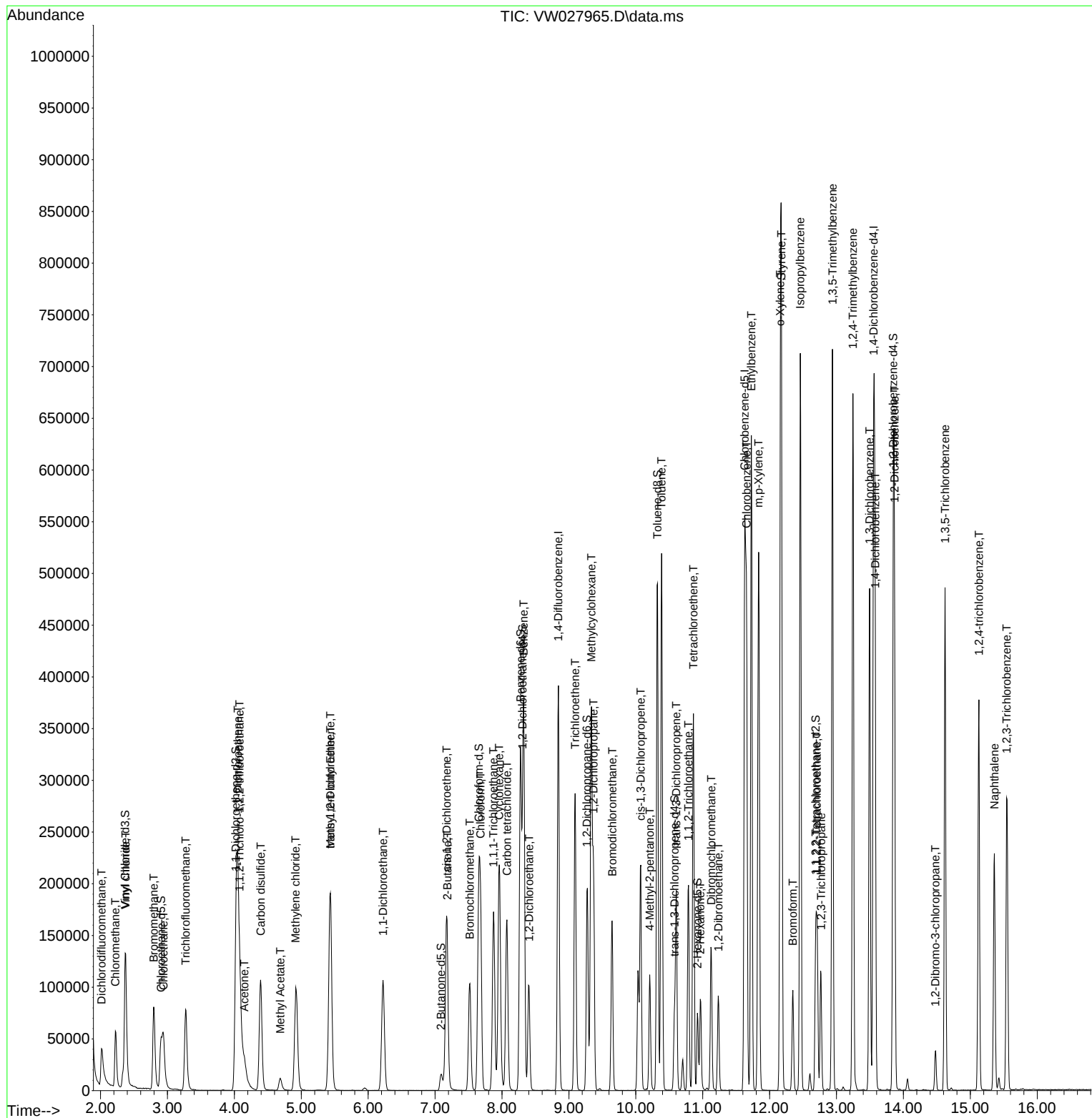
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	95987	23.513	ug/L	97
29) Cyclohexane	7.959	56	128259	22.107	ug/L	97
30) 1,1,1-Trichloroethane	7.873	97	146650	23.338	ug/L	99
31) Carbon tetrachloride	8.075	117	133578	22.978	ug/L	99
33) Benzene	8.325	78	356854	21.949	ug/L	100
34) Trichloroethene	9.093	95	102368	21.933	ug/L	95
35) Methylcyclohexane	9.337	83	168844	21.984	ug/L	99
37) 1,2-Dichloropropane	9.367	63	83855	21.949	ug/L	100
38) Bromodichloromethane	9.648	83	117527	23.047	ug/L	95
39) cis-1,3-Dichloropropene	10.074	75	137917	22.523	ug/L	99
40) 4-Methyl-2-pentanone	10.208	43	66454	46.085	ug/L	99
42) Toluene	10.385	91	404957	22.215	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	112065	23.058	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	64913	21.466	ug/L	98
46) Tetrachloroethene	10.861	164	86406	22.002	ug/L	88
48) 2-Hexanone	10.964	43	52223	47.815	ug/L	98
49) Dibromochloromethane	11.129	129	77295	22.421	ug/L	95
50) 1,2-Dibromoethane	11.233	107	63189	22.387	ug/L	99
51) Chlorobenzene	11.653	112	267877	22.095	ug/L	100
52) Ethylbenzene	11.726	91	459040	22.335	ug/L	99
53) m,p-Xylene	11.836	106	181688	22.542	ug/L	90
54) o-Xylene	12.159	106	167540	22.163	ug/L	99
55) Styrene	12.178	104	284471	22.593	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	71625	22.119	ug/L	98
59) Bromoform	12.348	173	47238	24.051	ug/L #	97
60) Isopropylbenzene	12.458	105	472292	22.731	ug/L	100
61) 1,2,3-Trichloropropane	12.769	75	50526	22.751	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	390394	23.480	ug/L	98
63) 1,2,4-Trimethylbenzene	13.244	105	380442	23.383	ug/L	97
64) 1,3-Dichlorobenzene	13.494	146	216527	22.685	ug/L	98
65) 1,4-Dichlorobenzene	13.580	146	213664	22.017	ug/L	92
67) 1,2-Dichlorobenzene	13.866	146	181940	21.582	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	10143	23.004	ug/L	94
69) 1,3,5-Trichlorobenzene	14.622	180	153788	22.438	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	125904	22.748	ug/L	99
71) Naphthalene	15.360	128	207638	24.142	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	106846	23.138	ug/L	97

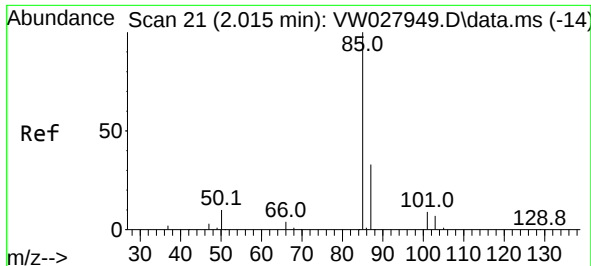
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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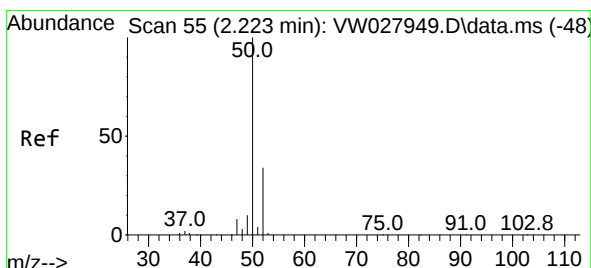
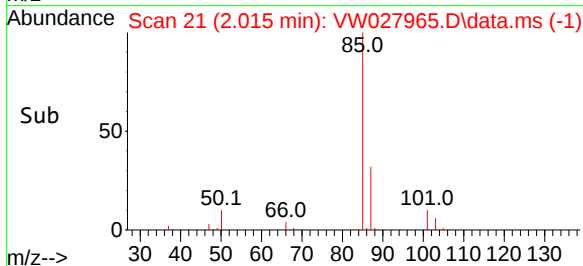
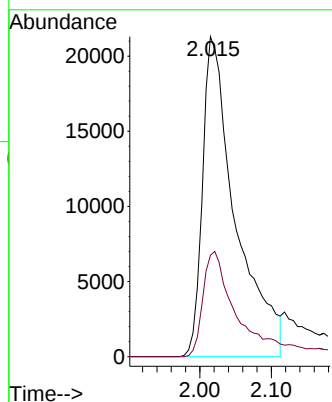
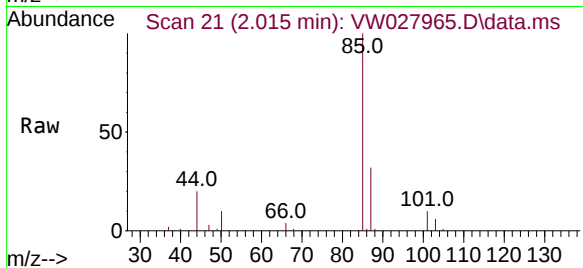




#2
Dichlorodifluoromethane
Concen: 22.165 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

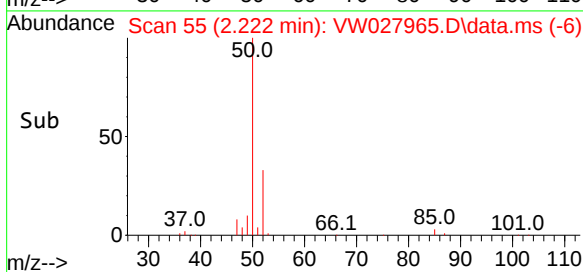
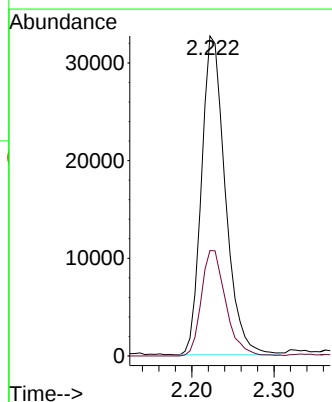
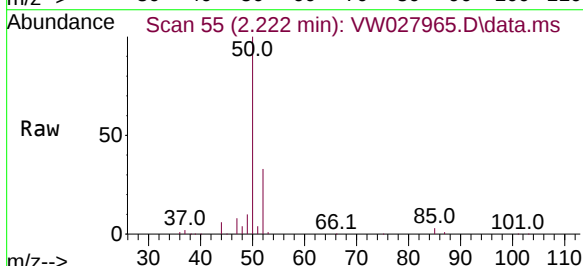
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MSVOA_W
ClientSampleId :

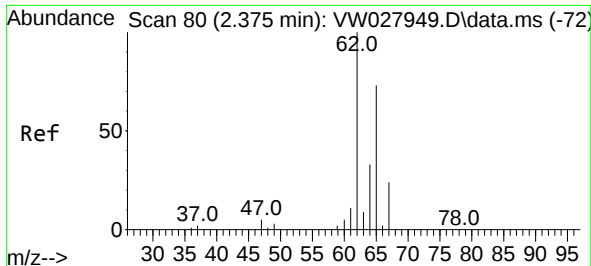
Tgt Ion: 85 Resp: 68268
Ion Ratio Lower Upper
85 100
87 30.0 25.3 37.9



#3
Chloromethane
Concen: 19.465 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 50 Resp: 65841
Ion Ratio Lower Upper
50 100
52 32.9 24.3 45.1

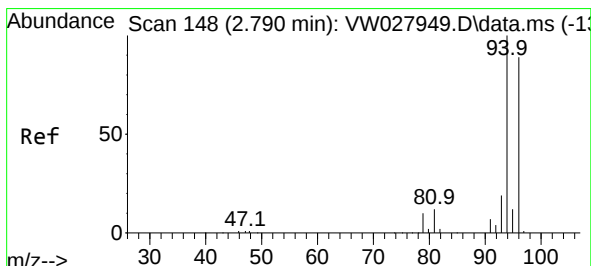
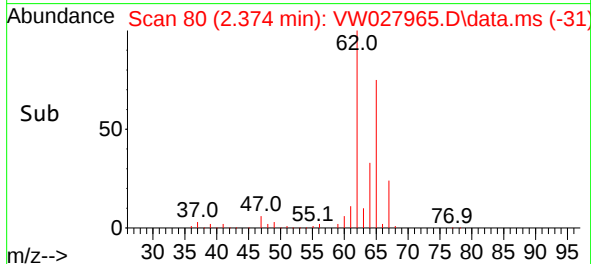
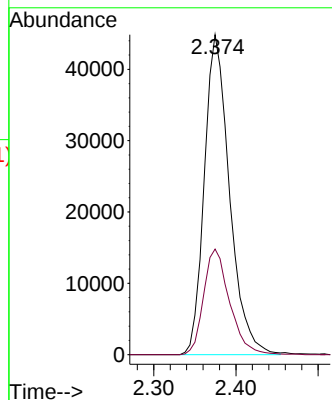
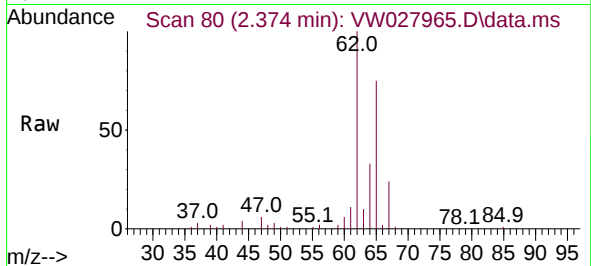




#5
 Vinyl chloride
 Concen: 20.822 ug/L
 RT: 2.374 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027965.D
 Acq: 06 Feb 2024 09:31

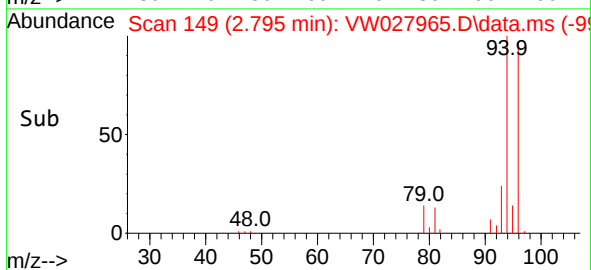
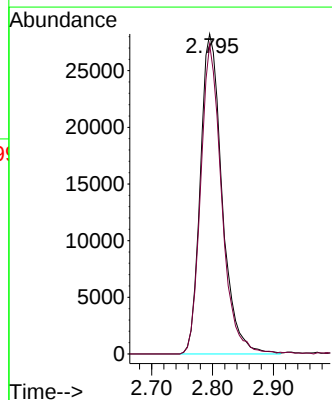
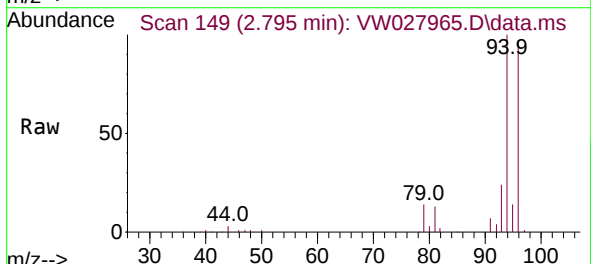
Instrument :
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 ClientSampleId :

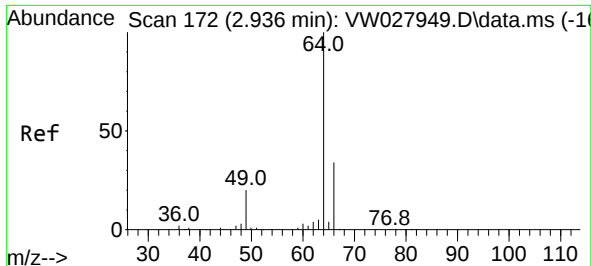
Tgt Ion: 62 Resp: 95462
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.6



#6
 Bromomethane
 Concen: 21.636 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW027965.D
 Acq: 06 Feb 2024 09:31

Tgt Ion: 94 Resp: 70087
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.3 121.3

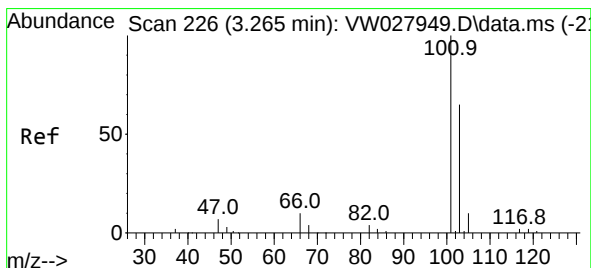
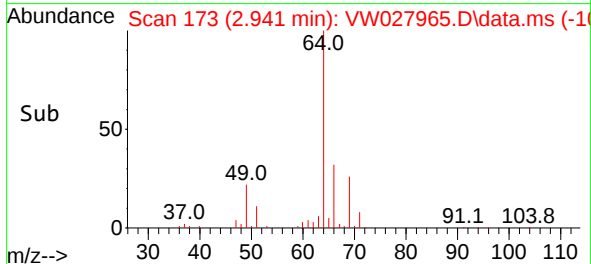
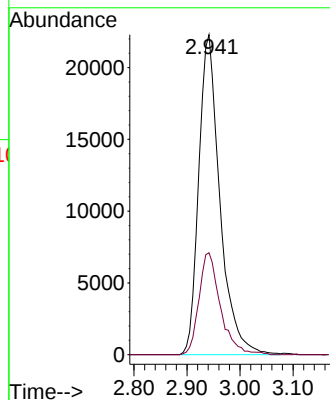
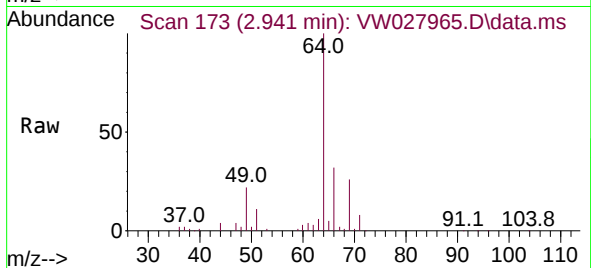




#8
Chloroethane
Concen: 23.826 ug/L
RT: 2.941 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

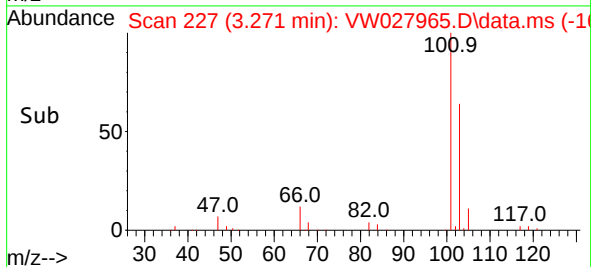
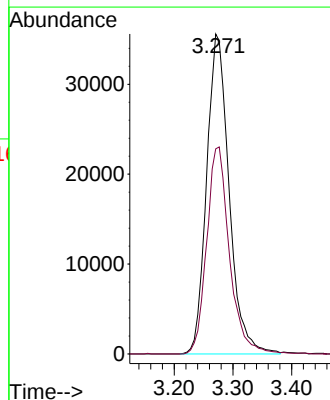
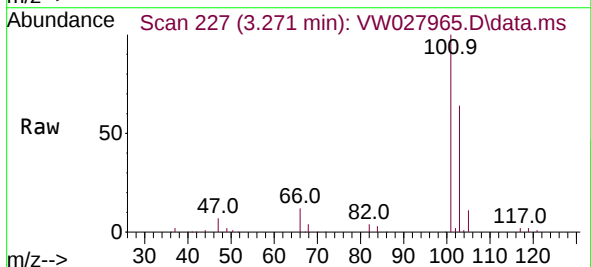
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MSVOA_W
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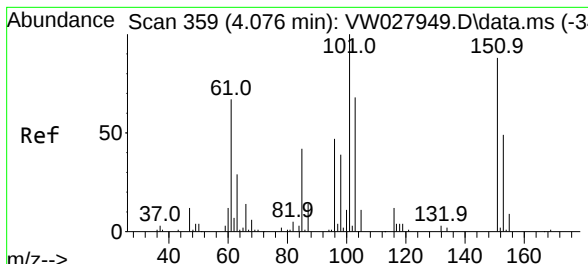
Tgt Ion: 64 Resp: 61717
Ion Ratio Lower Upper
64 100
66 31.8 20.9 38.7



#9
Trichlorofluoromethane
Concen: 22.709 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 101 Resp: 94617
Ion Ratio Lower Upper
101 100
103 65.6 51.6 77.4

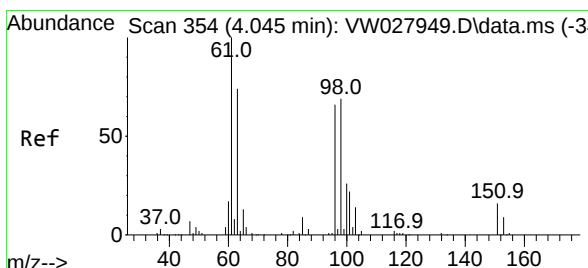
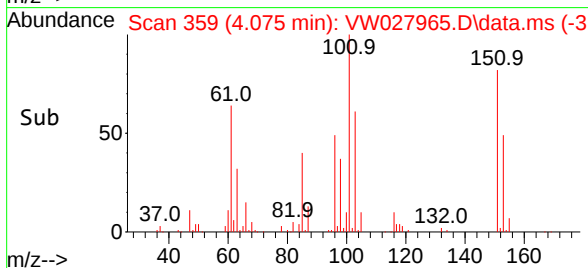
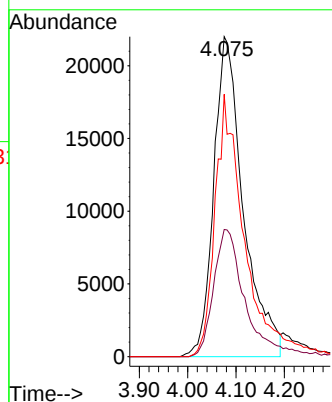
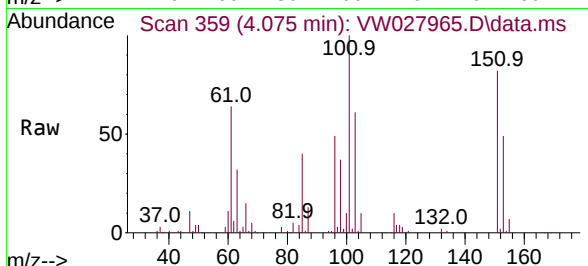




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.273 ug/L
 RT: 4.075 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW027965.D
 Acq: 06 Feb 2024 09:31

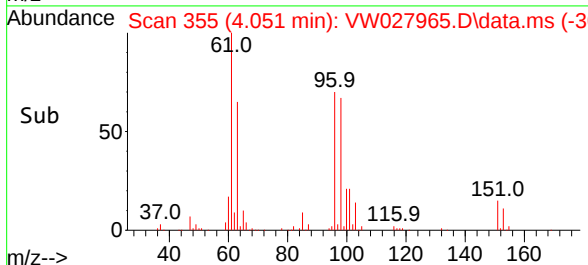
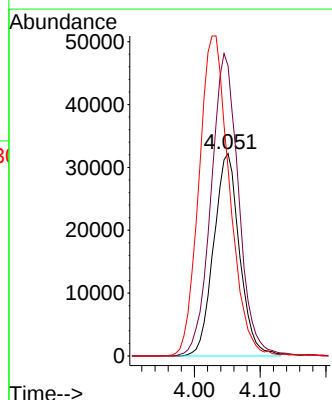
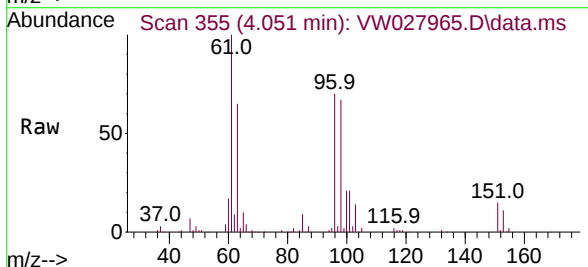
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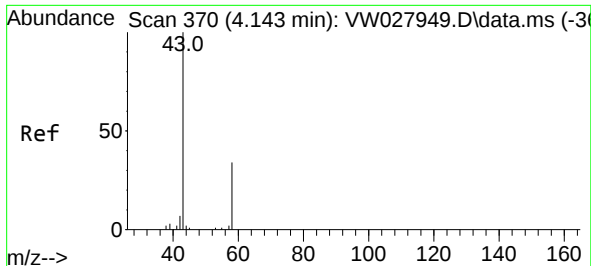
Tgt Ion:101 Resp: 93538
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.6
 151 35.0 62.6 93.8#



#12
 1,1-Dichloroethene
 Concen: 22.585 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027965.D
 Acq: 06 Feb 2024 09:31

Tgt Ion: 96 Resp: 88237
 Ion Ratio Lower Upper
 96 100
 61 143.3 107.4 199.4
 63 93.0 86.0 159.6

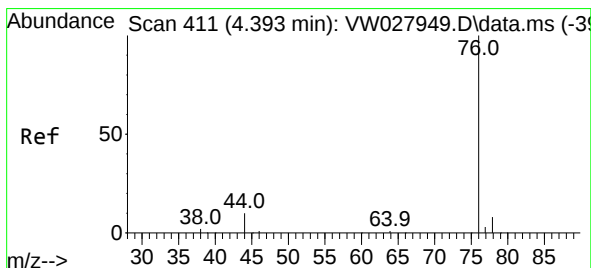
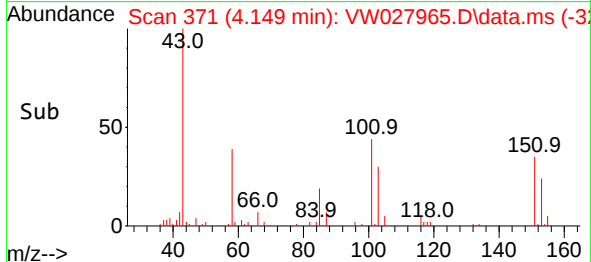
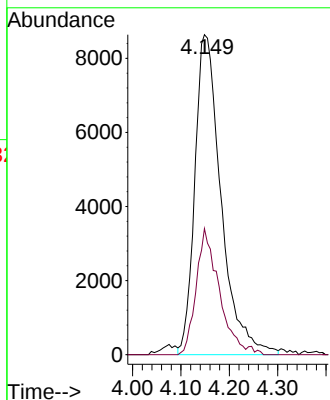
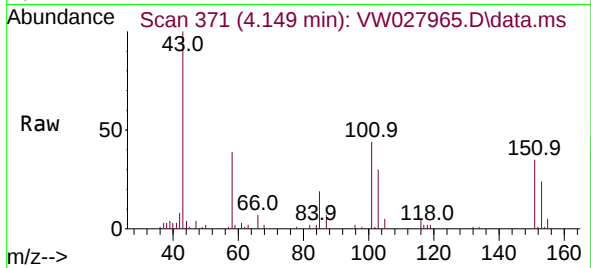




#13
Acetone
Concen: 51.373 ug/L
RT: 4.149 min Scan# 371
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

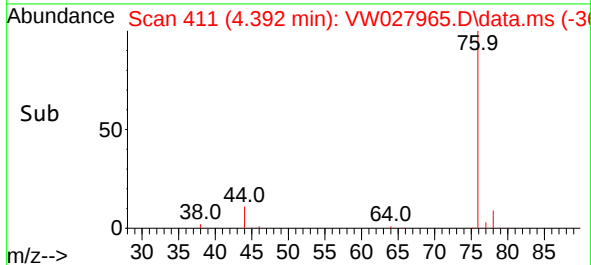
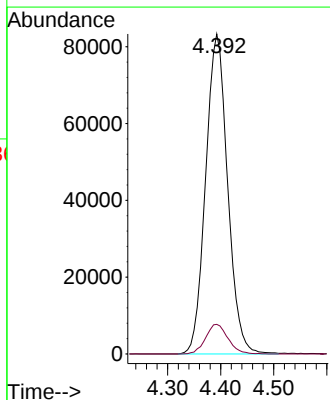
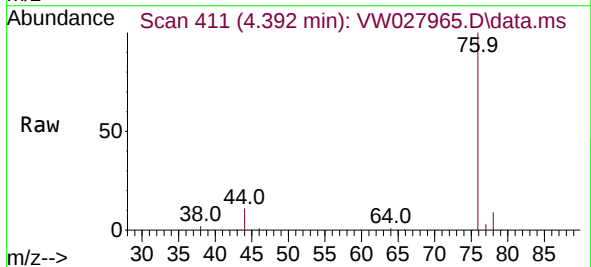
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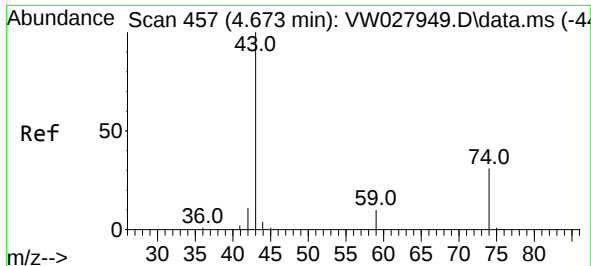
Tgt Ion: 43 Resp: 32515
Ion Ratio Lower Upper
43 100
58 34.2 0.0 66.0



#14
Carbon disulfide
Concen: 20.731 ug/L
RT: 4.392 min Scan# 411
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

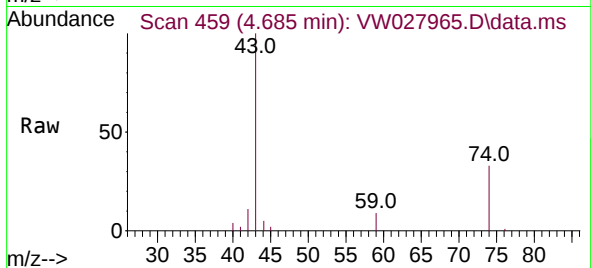
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Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



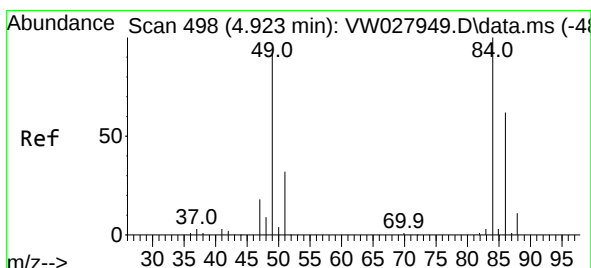
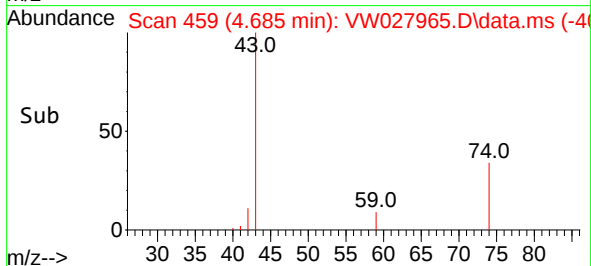
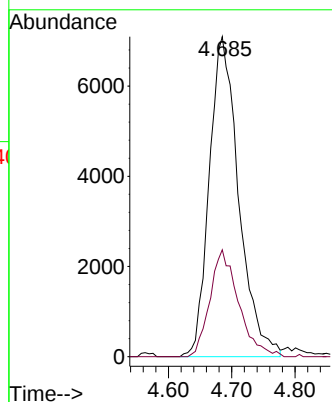


#15
Methyl Acetate
Concen: 21.793 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Instrument :
MSVOA_W
ClientSampleId :

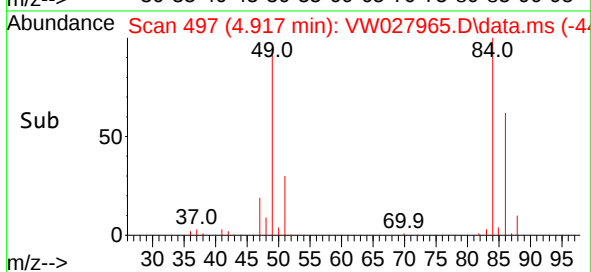
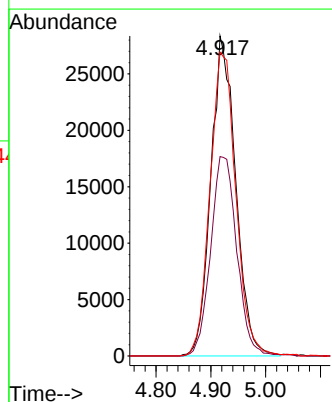
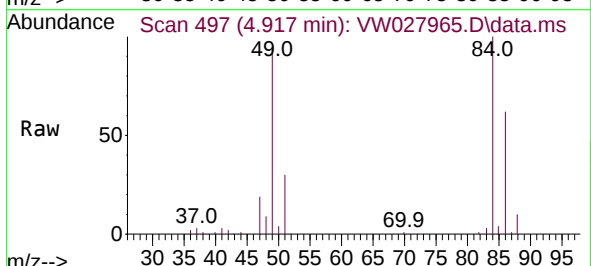


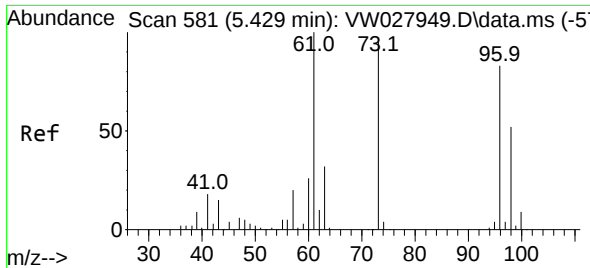
Tgt Ion: 43 Resp: 22962
Ion Ratio Lower Upper
43 100
74 32.2 24.2 36.2



#16
Methylene chloride
Concen: 19.967 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.007 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 84 Resp: 89259
Ion Ratio Lower Upper
84 100
86 62.3 45.4 84.4
49 95.0 66.3 123.1

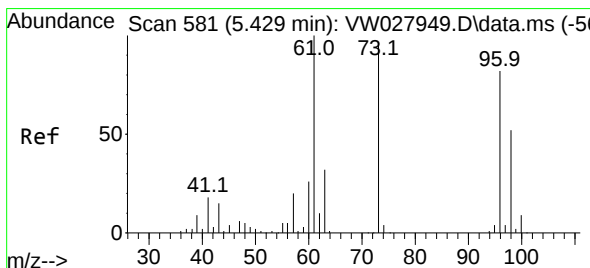
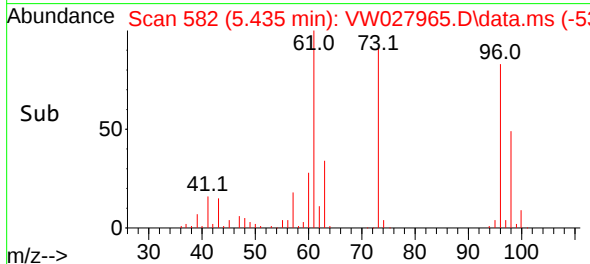
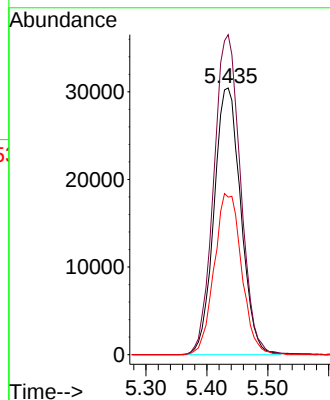
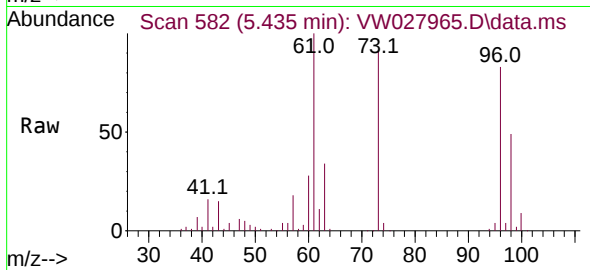




#17
trans-1,2-Dichloroethene
Concen: 22.138 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

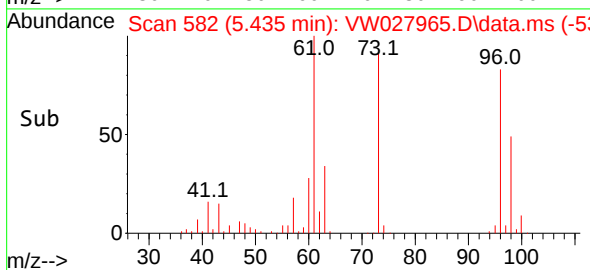
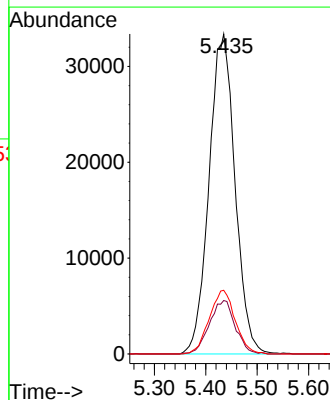
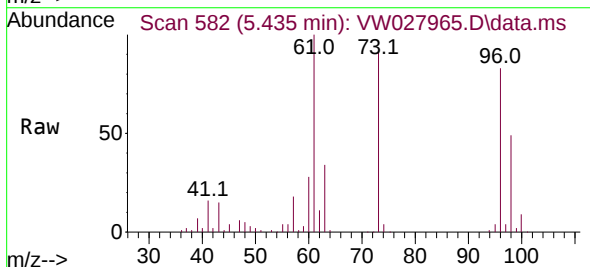
Instrument :
MSVOA_W
ClientSampleId :

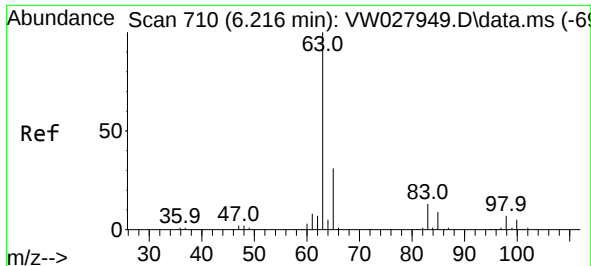
Tgt Ion: 96 Resp: 92922
Ion Ratio Lower Upper
96 100
61 120.0 80.1 148.7
98 59.1 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 23.524 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 73 Resp: 117058
Ion Ratio Lower Upper
73 100
43 16.2 13.4 20.0
57 19.8 16.3 24.5

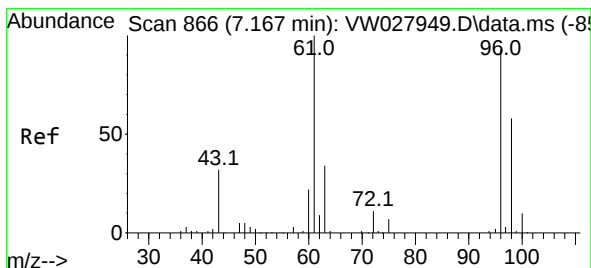
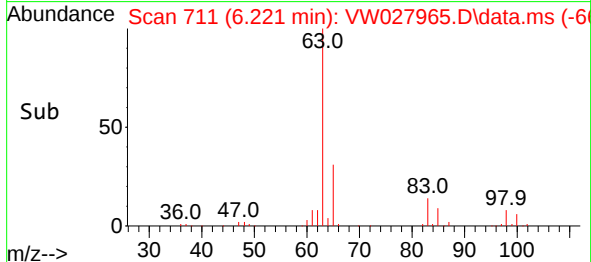
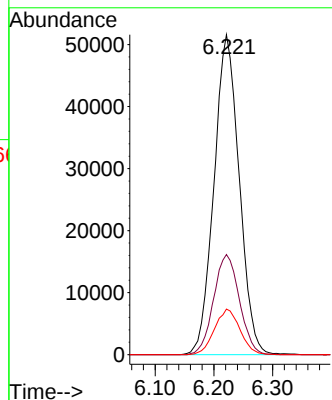
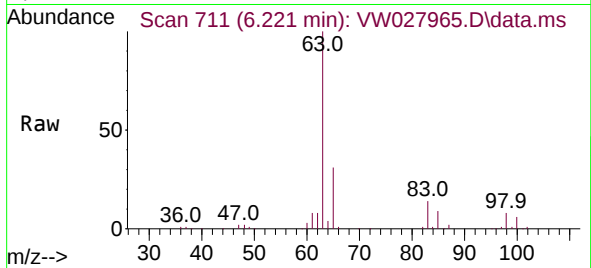




#19
1,1-Dichloroethane
Concen: 22.543 ug/L
RT: 6.221 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

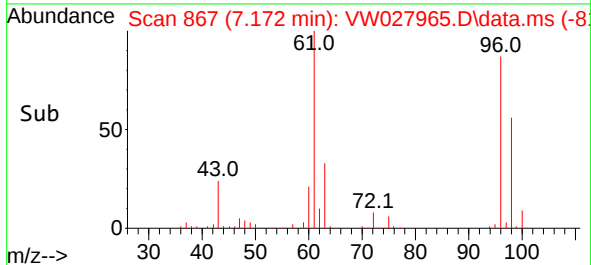
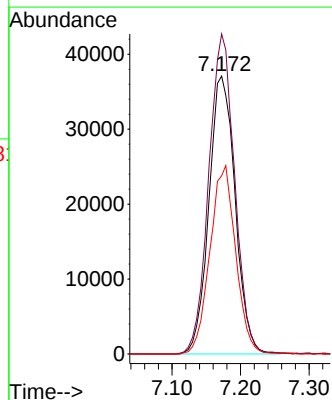
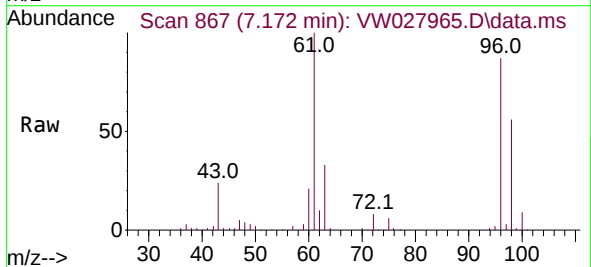
Instrument :
MSVOA_W
ClientSampleId :

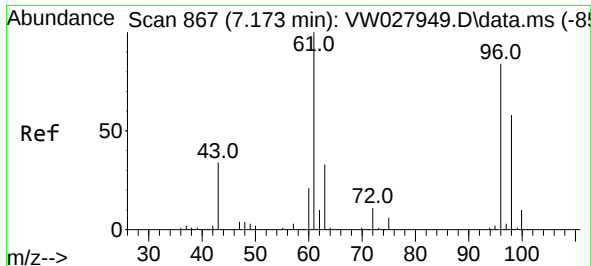
Tgt Ion: 63 Resp: 153719
Ion Ratio Lower Upper
63 100
65 31.3 23.1 42.9
83 14.3 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 22.248 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 96 Resp: 98613
Ion Ratio Lower Upper
96 100
61 115.1 76.3 141.7
98 64.1 42.9 79.7

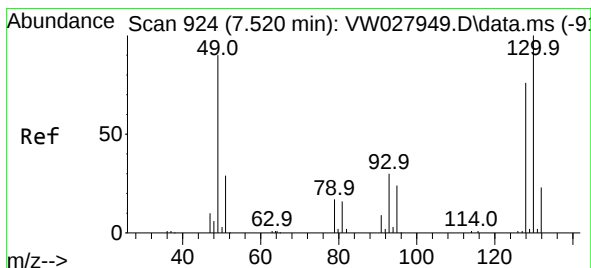
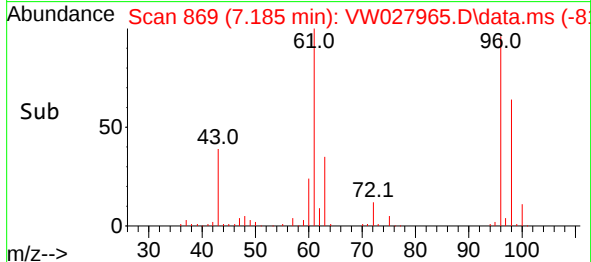
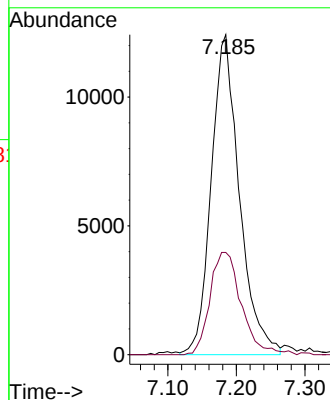
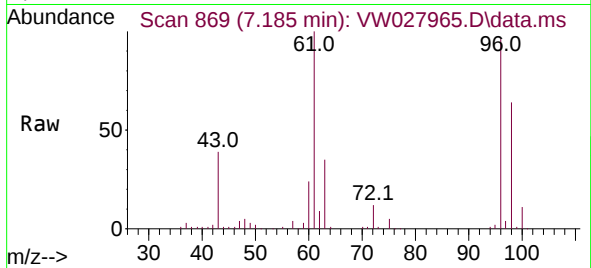




#22
2-Butanone
Concen: 48.460 ug/L
RT: 7.185 min Scan# 869
Delta R.T. 0.012 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

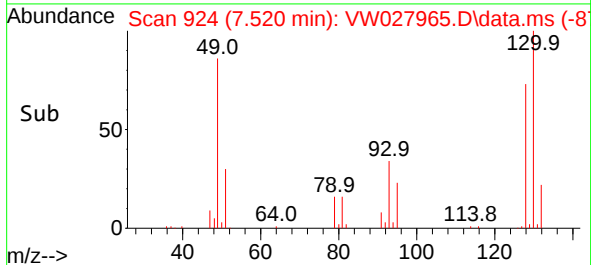
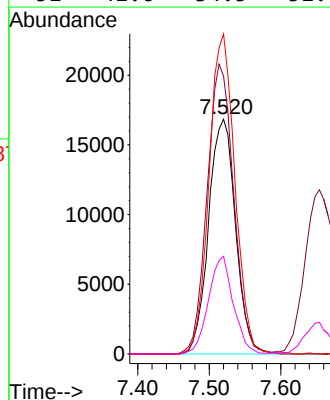
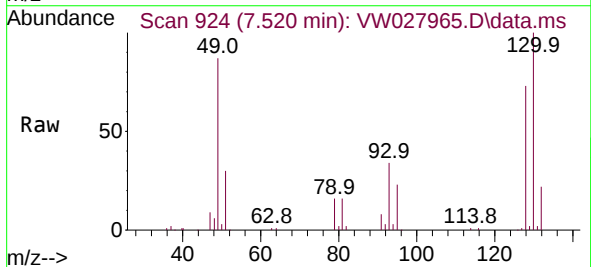
Instrument :
MSVOA_W
ClientSampleId :

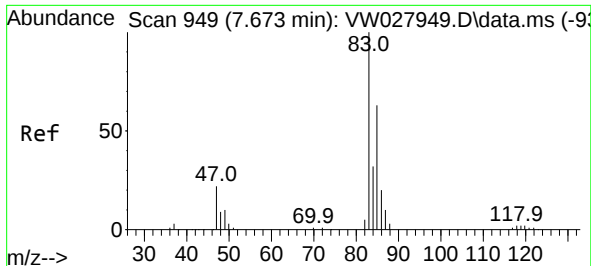
Tgt Ion: 43 Resp: 35405
Ion Ratio Lower Upper
43 100
72 34.7 17.0 50.9



#23
Bromochloromethane
Concen: 22.367 ug/L
RT: 7.520 min Scan# 924
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 128 Resp: 44037
Ion Ratio Lower Upper
128 100
49 118.4 93.2 173.2
130 136.3 97.4 180.8
51 41.6 34.5 51.7

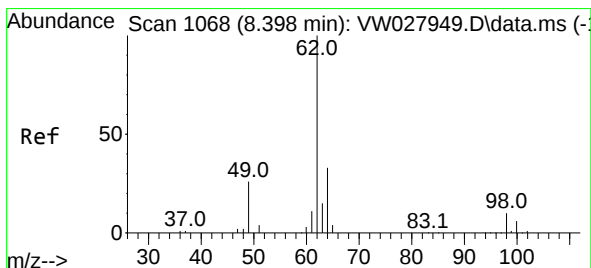
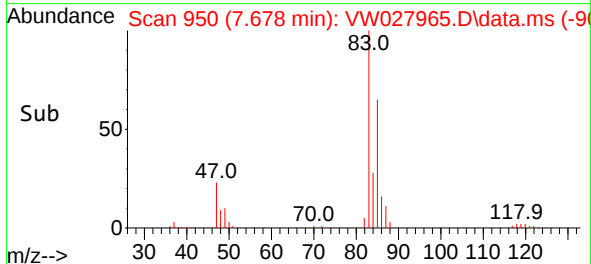
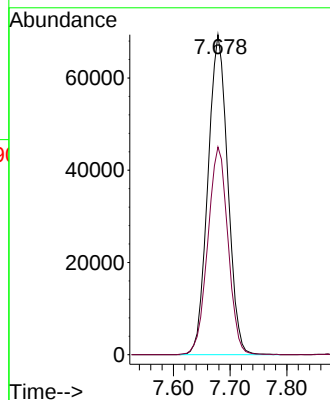
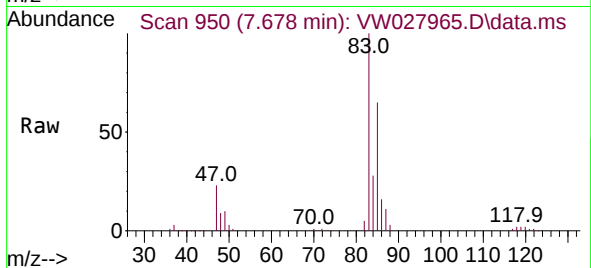




#25
Chloroform
Concen: 22.949 ug/L
RT: 7.678 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

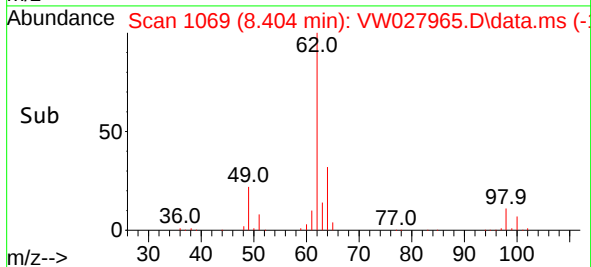
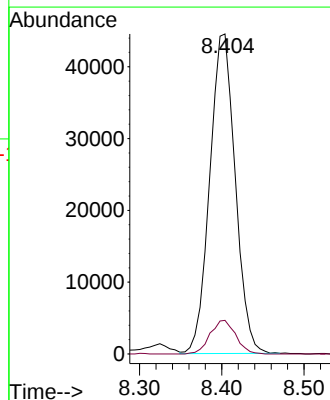
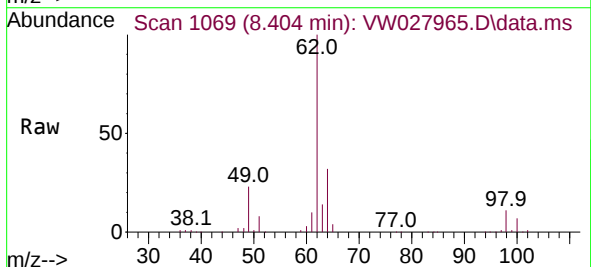
Instrument :
MSVOA_W
ClientSampleId :

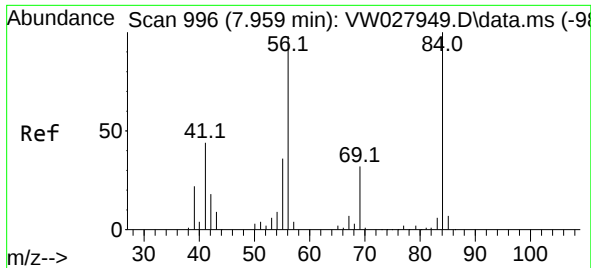
Tgt Ion: 83 Resp: 168228
Ion Ratio Lower Upper
83 100
85 64.9 46.6 86.6



#27
1,2-Dichloroethane
Concen: 23.513 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

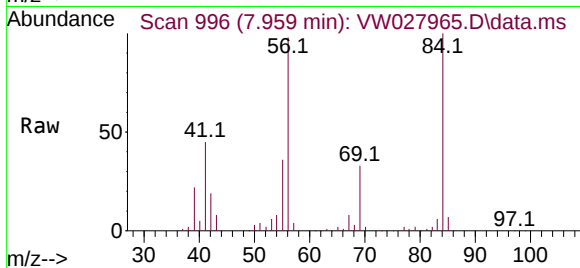
Tgt Ion: 62 Resp: 95987
Ion Ratio Lower Upper
62 100
98 10.5 9.4 14.2



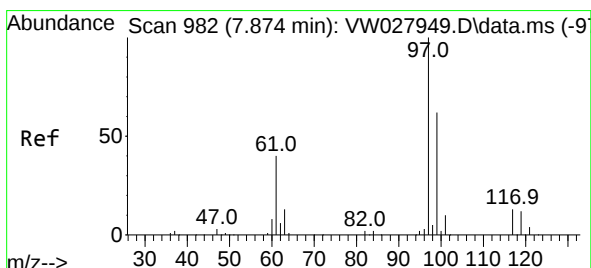
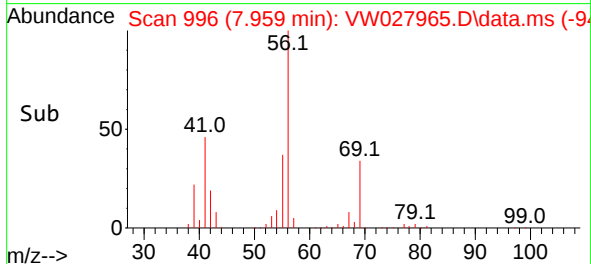
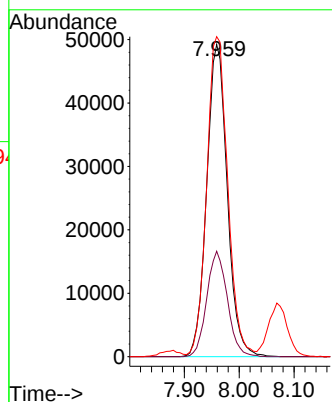


#29
Cyclohexane
Concen: 22.107 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Instrument :
MSVOA_W
ClientSampleId :

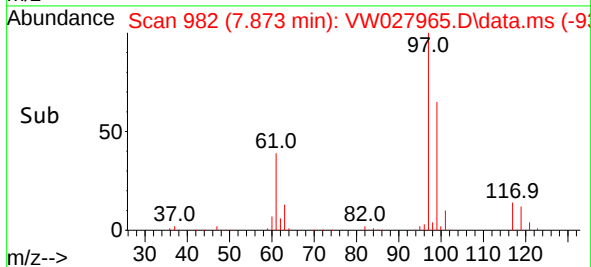
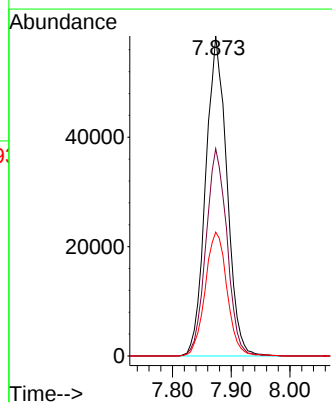
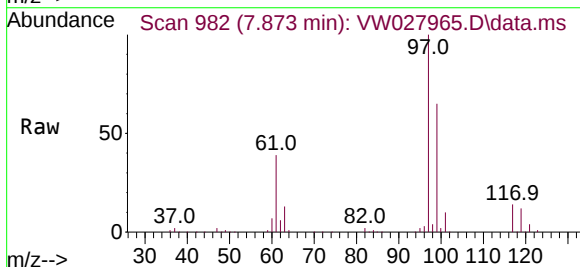


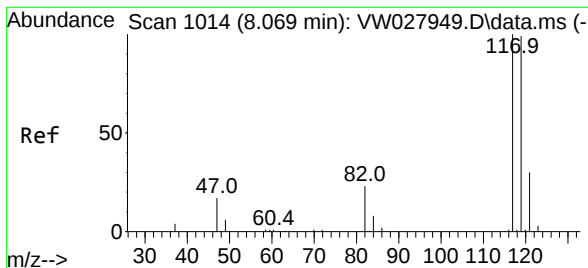
Tgt Ion: 56 Resp: 128259
Ion Ratio Lower Upper
56 100
69 33.8 26.3 39.5
84 104.9 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 23.338 ug/L
RT: 7.873 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 97 Resp: 146650
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 39.8 32.9 49.3





#31

Carbon tetrachloride

Concen: 22.978 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

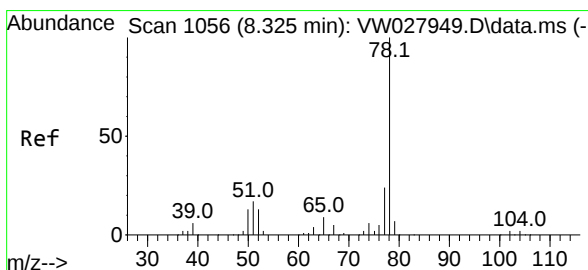
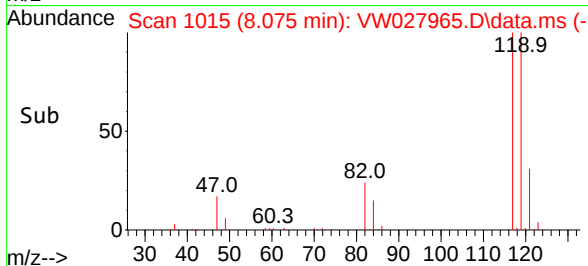
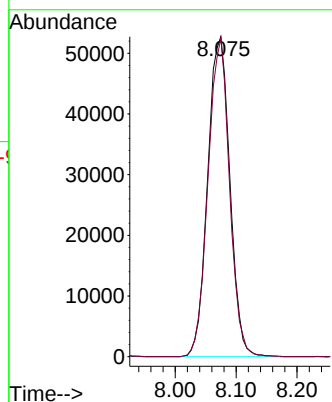
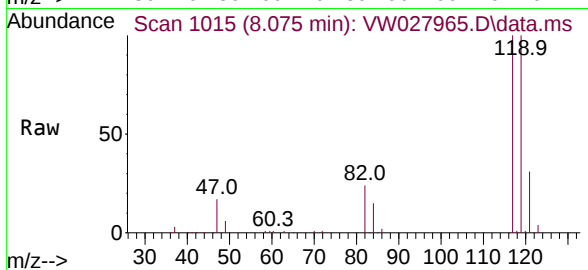
ClientSampleId :

Tgt Ion:117 Resp: 133578

Ion Ratio Lower Upper

117 100

119 96.2 76.5 114.7



#33

Benzene

Concen: 21.949 ug/L

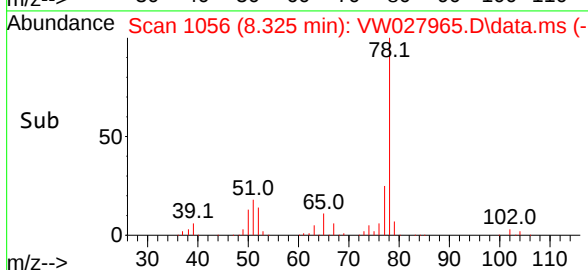
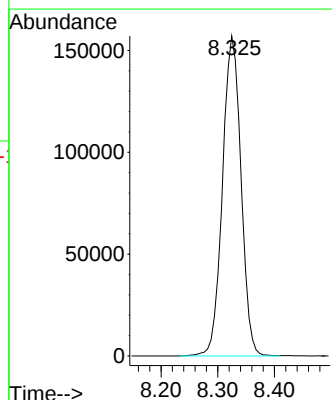
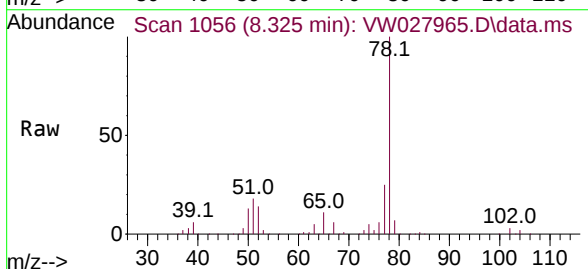
RT: 8.325 min Scan# 1056

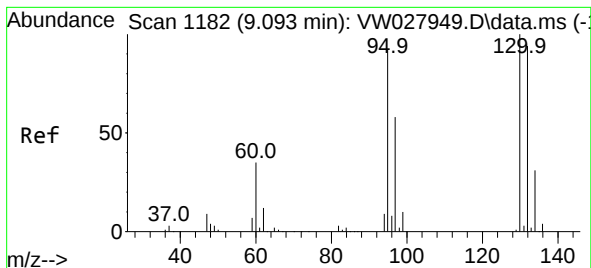
Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Tgt Ion: 78 Resp: 356854





#34

Trichloroethene

Concen: 21.933 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

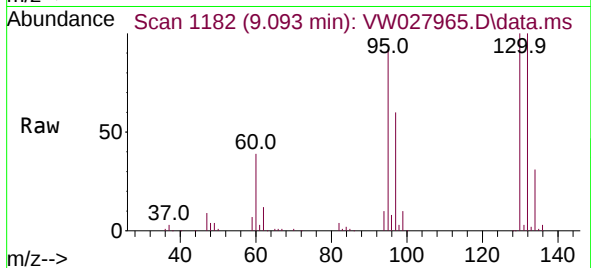
Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 102368

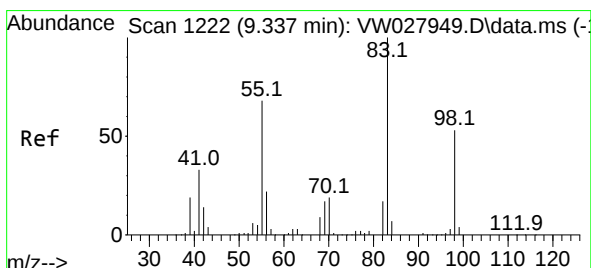
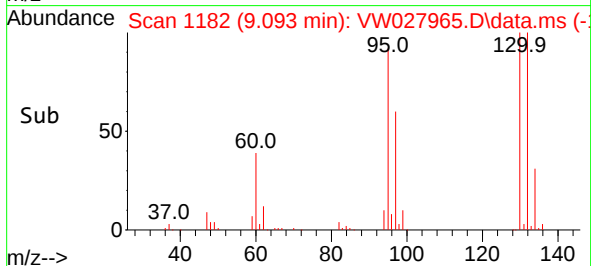
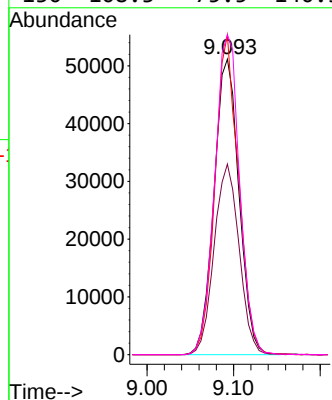
Ion Ratio Lower Upper

95 100

97 64.5 44.3 82.3

132 108.1 68.0 126.2

130 108.3 75.5 140.3



#35

Methylcyclohexane

Concen: 21.984 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

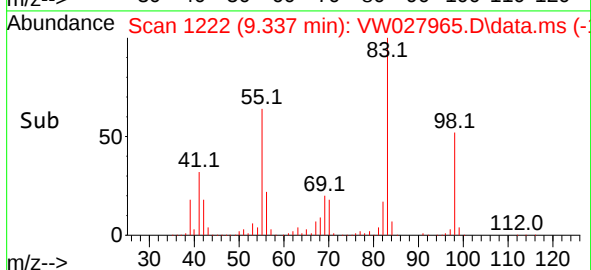
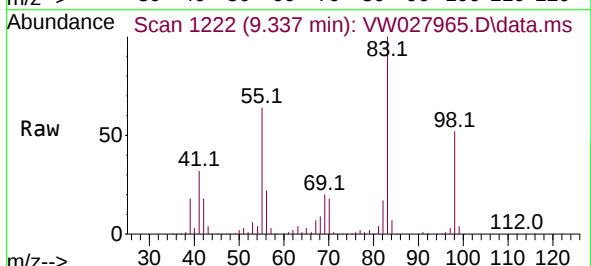
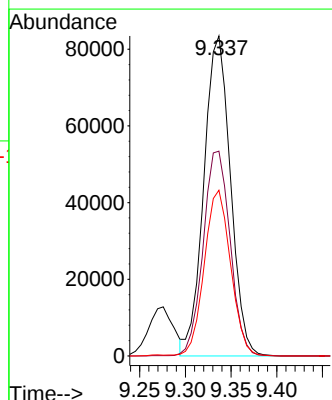
Tgt Ion: 83 Resp: 168844

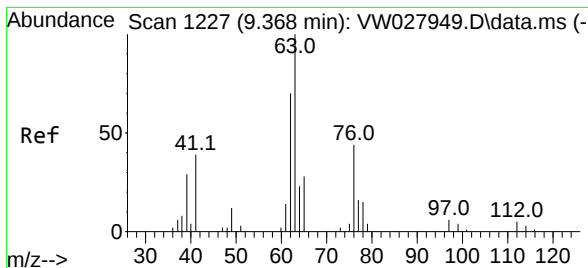
Ion Ratio Lower Upper

83 100

55 64.9 52.3 78.5

98 51.3 41.9 62.9





#37

1,2-Dichloropropane

Concen: 21.949 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

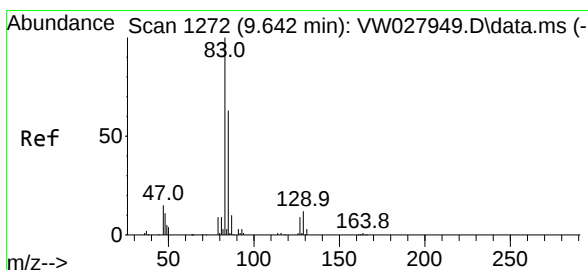
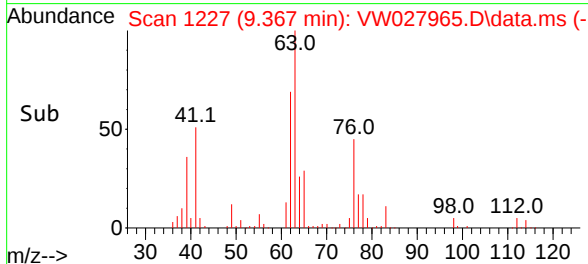
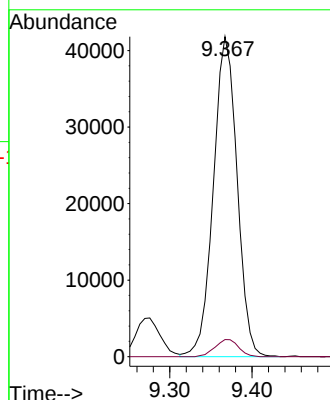
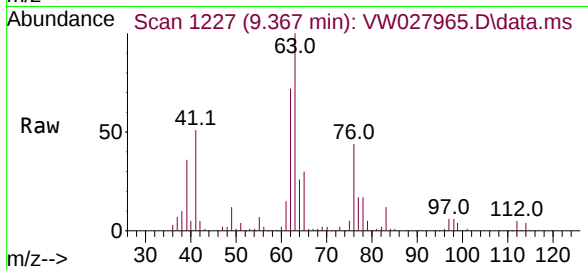
ClientSampleId :

Tgt Ion: 63 Resp: 83855

Ion Ratio Lower Upper

63 100

112 5.3 4.2 6.2



#38

Bromodichloromethane

Concen: 23.047 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

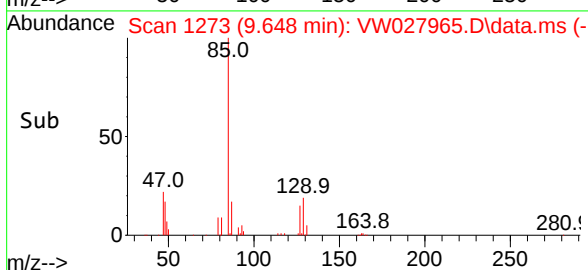
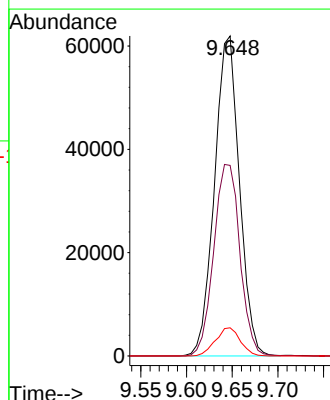
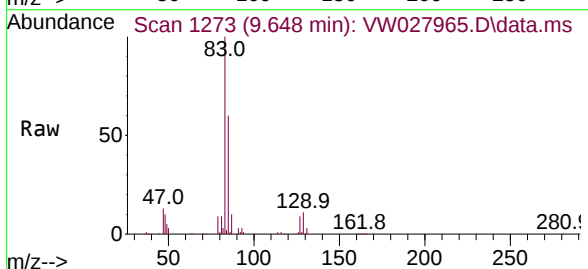
Tgt Ion: 83 Resp: 117527

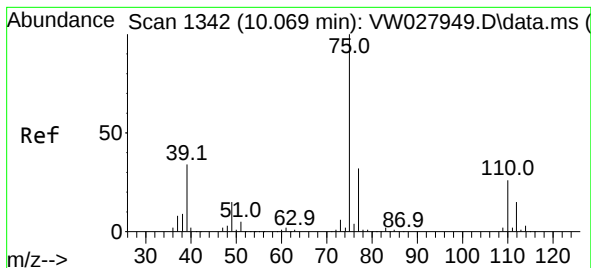
Ion Ratio Lower Upper

83 100

85 59.5 44.7 83.1

127 8.8 7.1 10.7

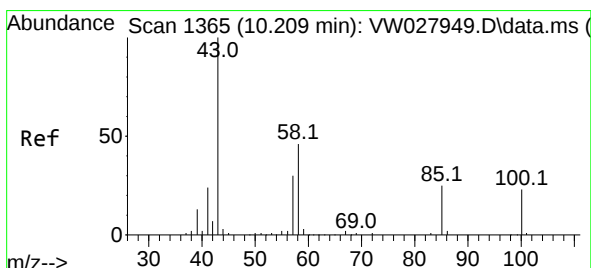
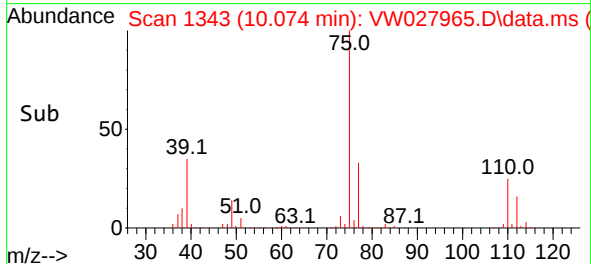
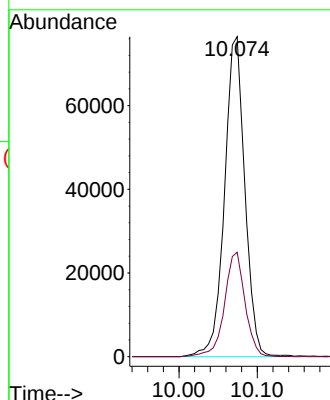
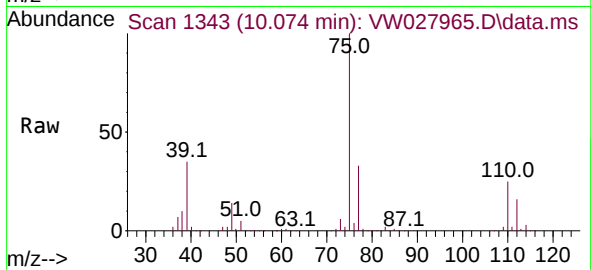




#39
cis-1,3-Dichloropropene
Concen: 22.523 ug/L
RT: 10.074 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

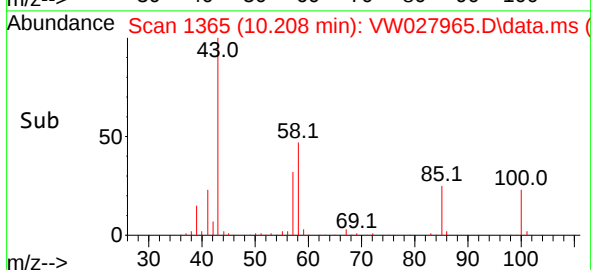
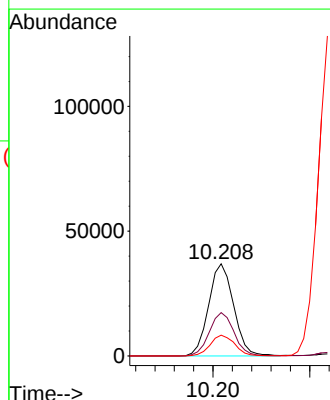
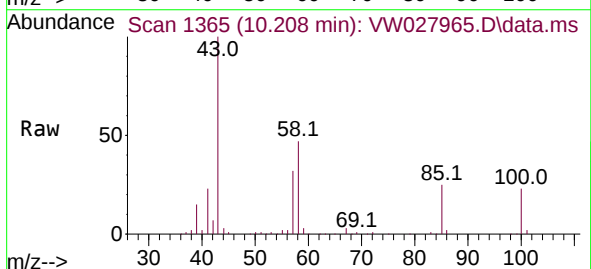
Instrument :
MSVOA_W
ClientSampleId :

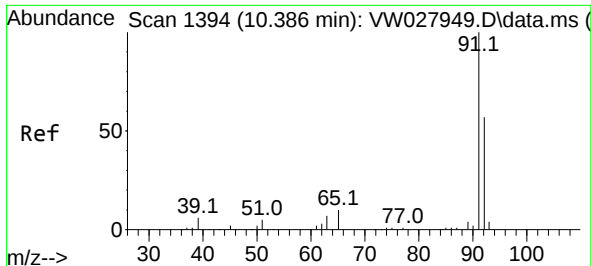
Tgt Ion: 75 Resp: 137917
Ion Ratio Lower Upper
75 100
77 32.6 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 46.085 ug/L
RT: 10.208 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 43 Resp: 66454
Ion Ratio Lower Upper
43 100
58 46.5 36.7 55.1
100 22.3 18.4 27.6





#42

Toluene

Concen: 22.215 ug/L

RT: 10.385 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

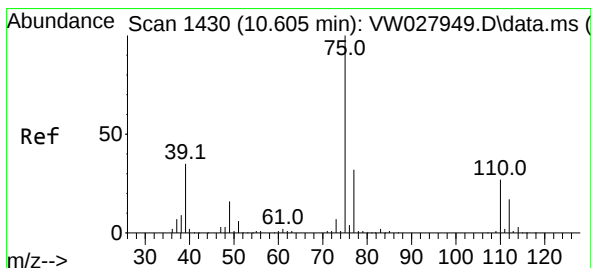
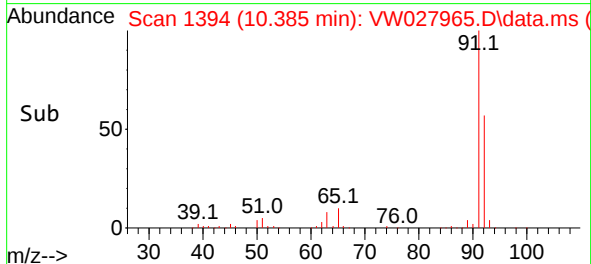
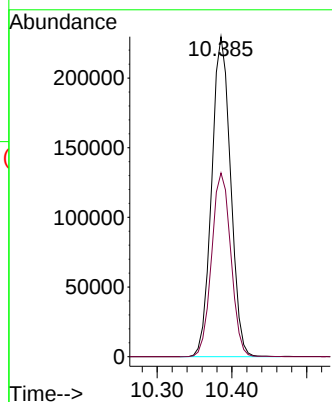
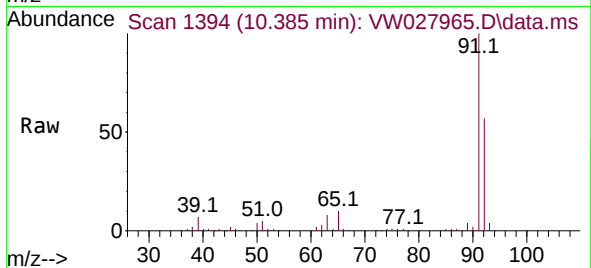
ClientSampleId :

Tgt Ion: 91 Resp: 404957

Ion Ratio Lower Upper

91 100

92 57.4 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 23.058 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW027965.D

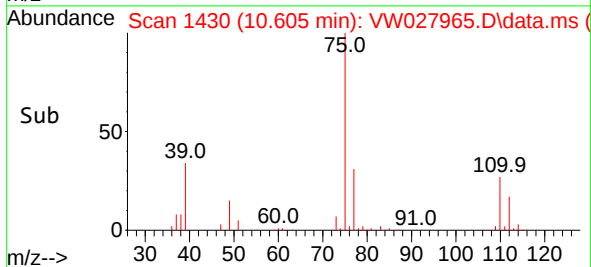
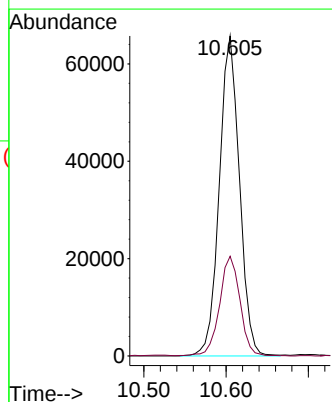
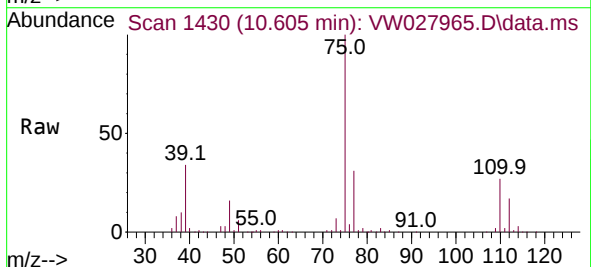
Acq: 06 Feb 2024 09:31

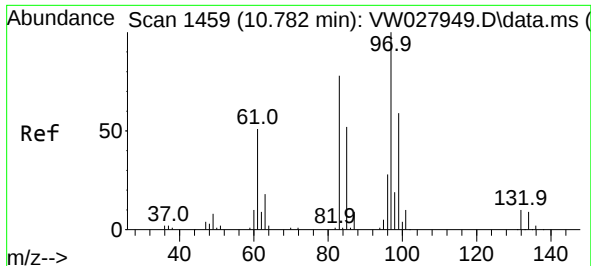
Tgt Ion: 75 Resp: 112065

Ion Ratio Lower Upper

75 100

77 31.1 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 21.466 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 64913

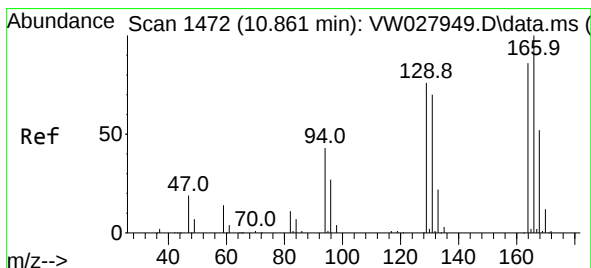
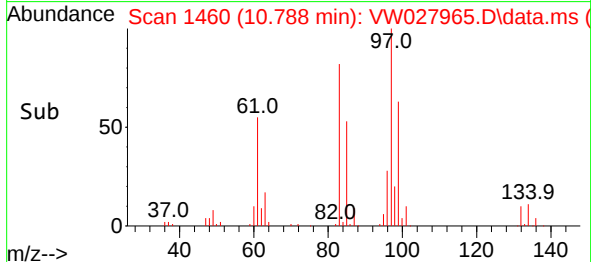
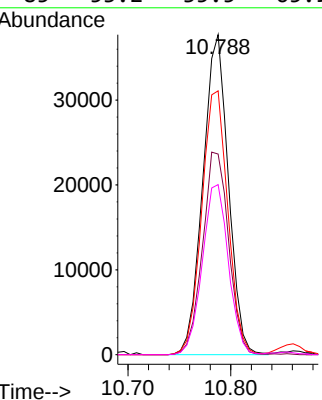
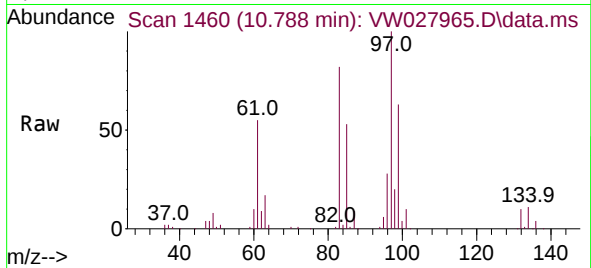
Ion Ratio Lower Upper

97 100

99 62.7 43.3 80.5

83 82.4 57.2 106.2

85 53.2 35.5 65.9



#46

Tetrachloroethene

Concen: 22.002 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Tgt Ion:164 Resp: 86406

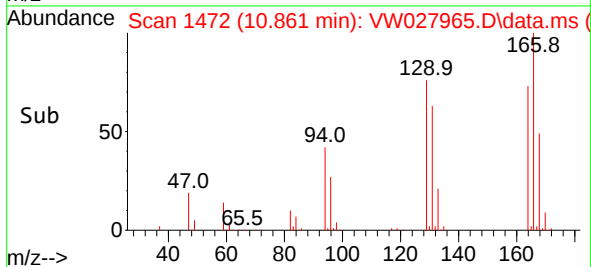
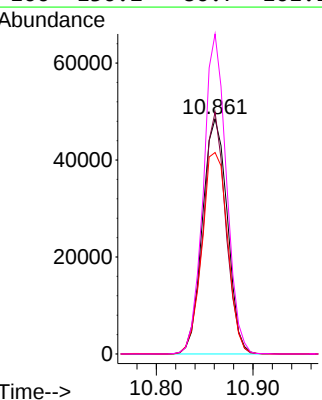
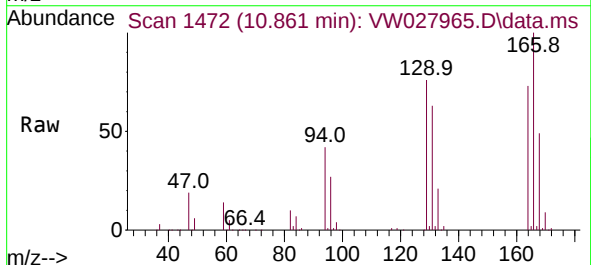
Ion Ratio Lower Upper

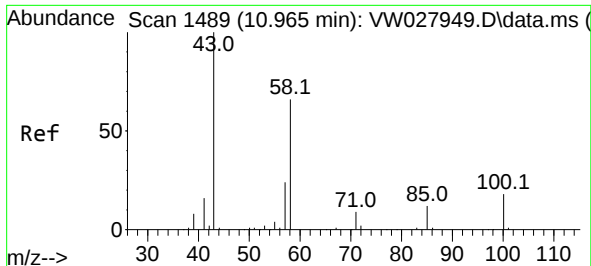
164 100

129 102.9 59.4 110.2

131 85.7 65.0 120.6

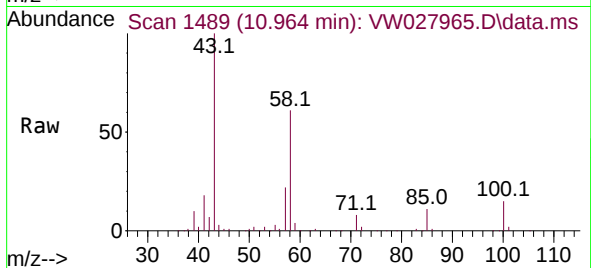
166 136.2 86.7 161.1



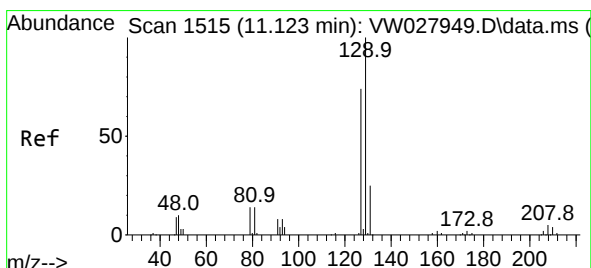
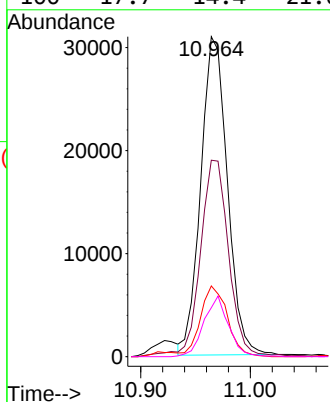
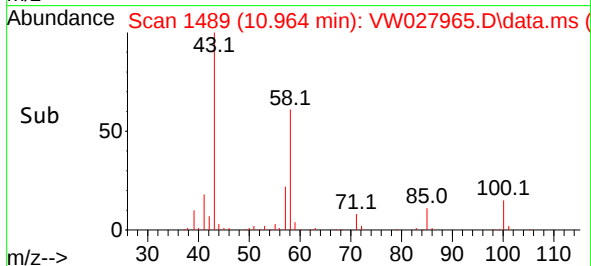


#48
2-Hexanone
Concen: 47.815 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Instrument :
MSVOA_W
ClientSampleId :

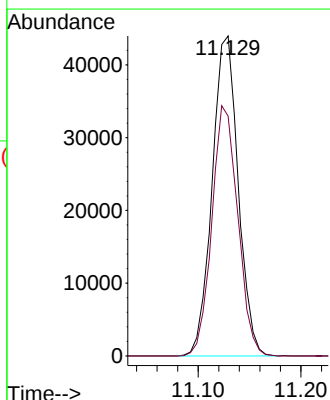
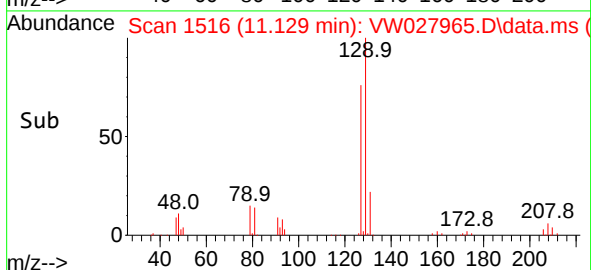
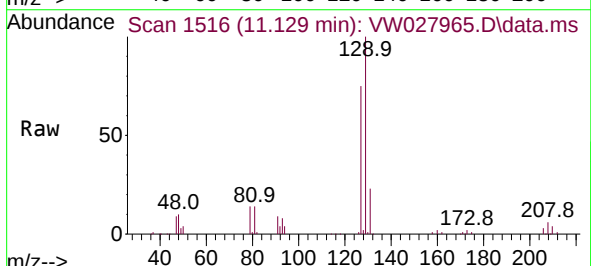


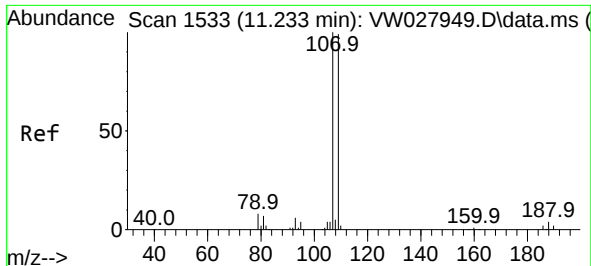
Tgt Ion: 43 Resp: 52223
Ion Ratio Lower Upper
43 100
58 65.7 51.4 77.2
57 22.5 17.4 26.2
100 17.7 14.4 21.6



#49
Dibromochloromethane
Concen: 22.421 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion: 129 Resp: 77295
Ion Ratio Lower Upper
129 100
127 75.0 49.6 92.0





#50

1,2-Dibromoethane

Concen: 22.387 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

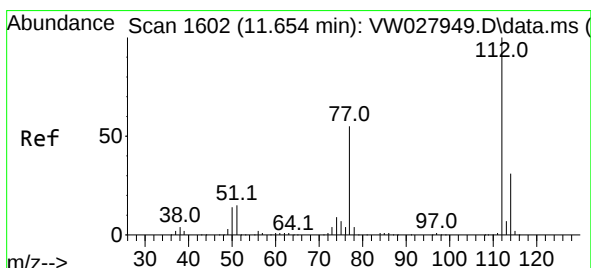
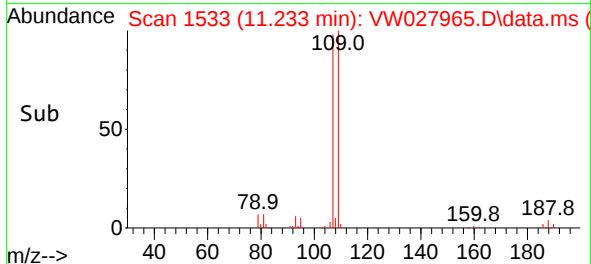
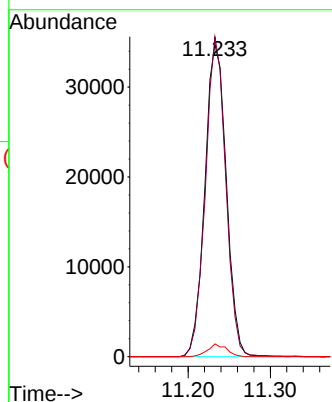
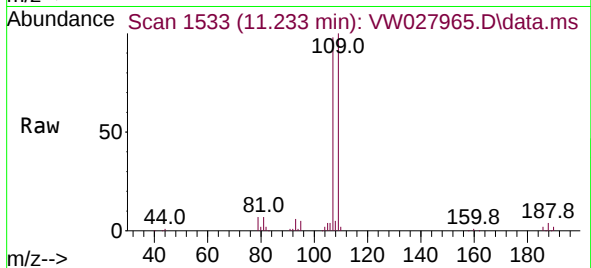
Tgt Ion:107 Resp: 63189

Ion Ratio Lower Upper

107 100

109 102.5 71.2 132.2

188 4.1 3.1 4.7



#51

Chlorobenzene

Concen: 22.095 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

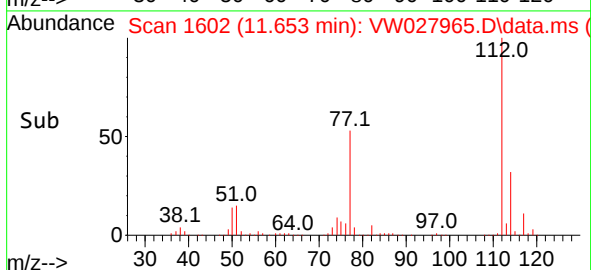
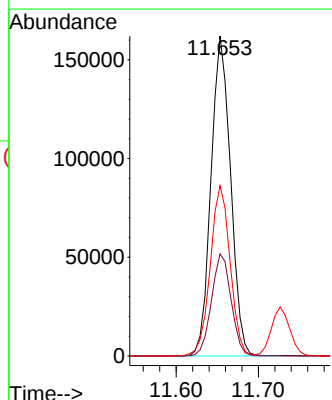
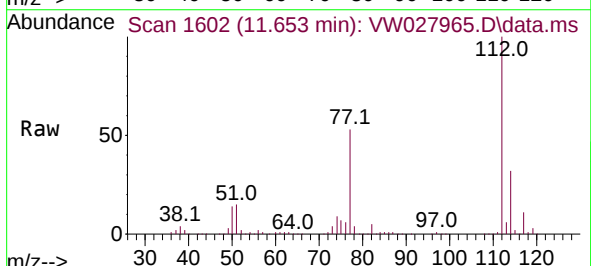
Tgt Ion:112 Resp: 267877

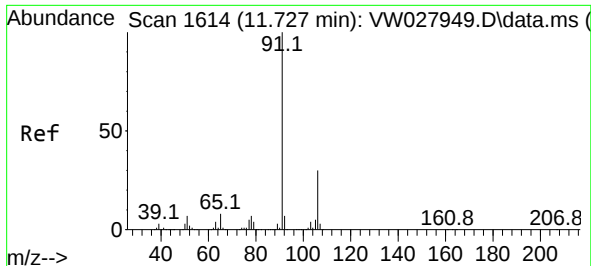
Ion Ratio Lower Upper

112 100

114 31.9 22.7 42.3

77 53.2 42.6 64.0

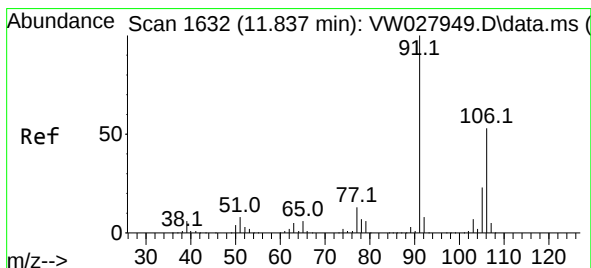
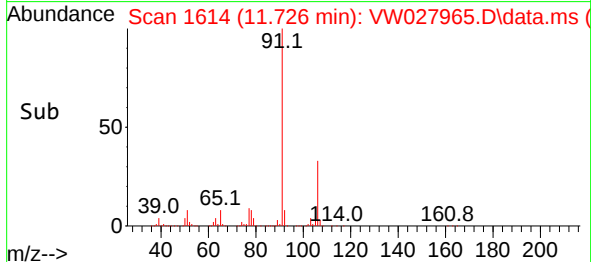
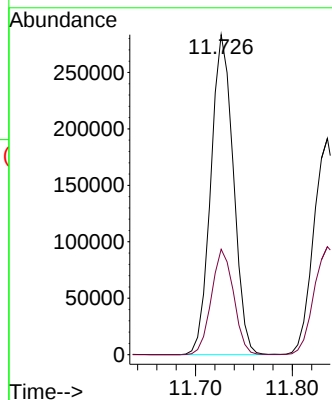
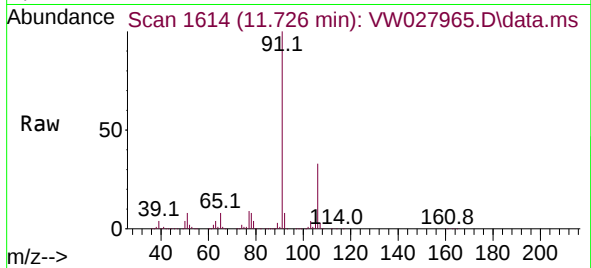




#52
Ethylbenzene
Concen: 22.335 ug/L
RT: 11.726 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

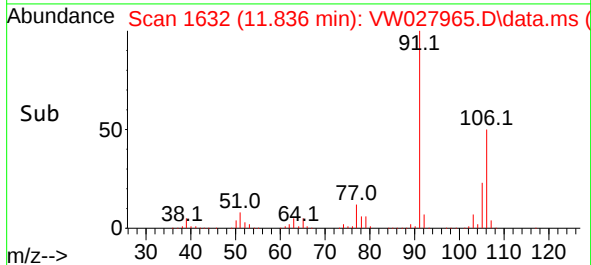
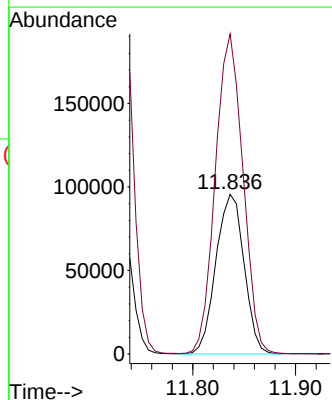
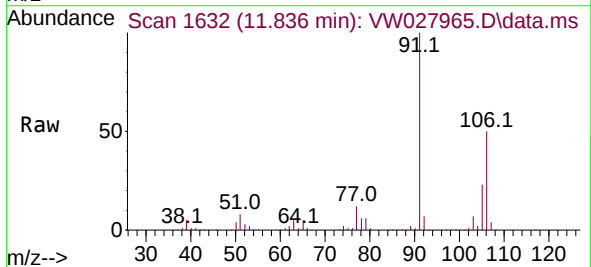
Instrument :
MSVOA_W
ClientSampleId :

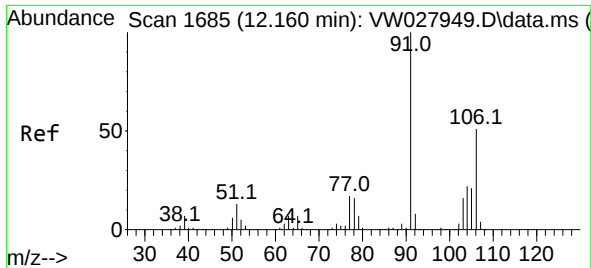
Tgt Ion: 91 Resp: 459040
Ion Ratio Lower Upper
91 100
106 33.0 22.8 42.4



#53
m,p-Xylene
Concen: 22.542 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion:106 Resp: 181688
Ion Ratio Lower Upper
106 100
91 200.4 130.0 241.4

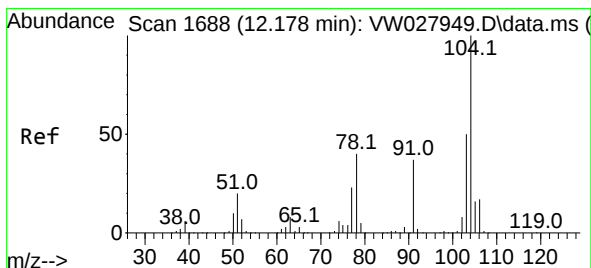
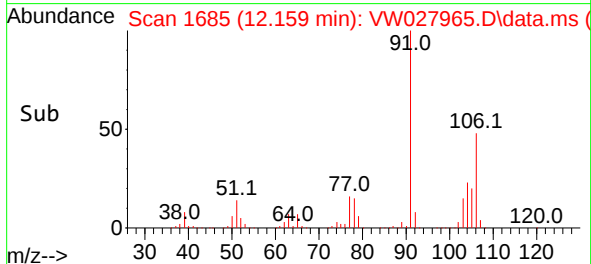
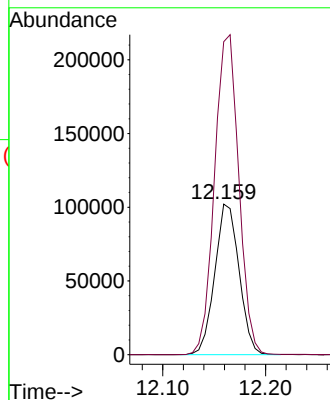
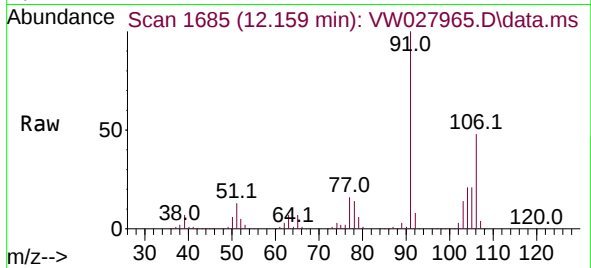




#54
o-Xylene
Concen: 22.163 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

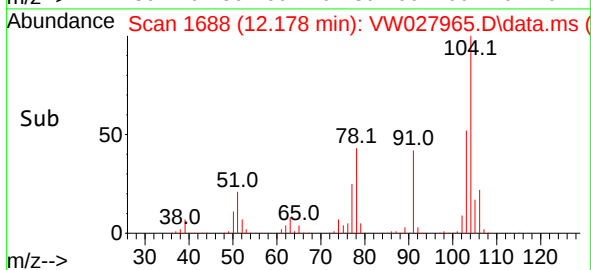
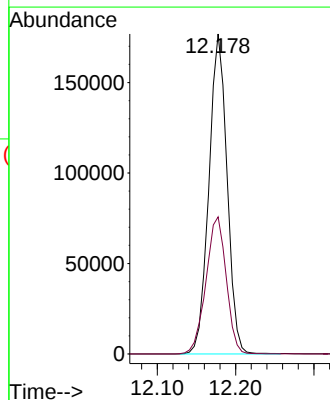
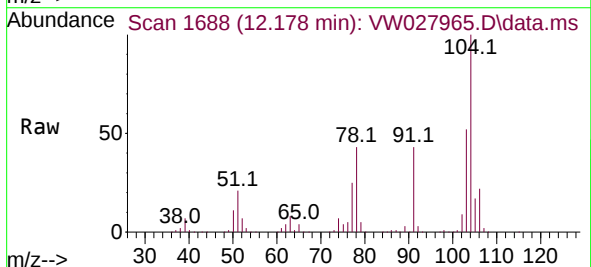
Instrument :
MSVOA_W
ClientSampleId :

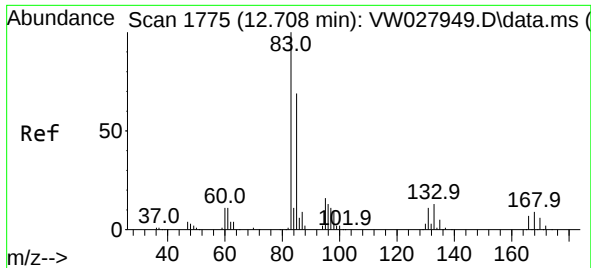
Tgt Ion:106 Resp: 167540
Ion Ratio Lower Upper
106 100
91 207.9 146.4 272.0



#55
Styrene
Concen: 22.593 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion:104 Resp: 284471
Ion Ratio Lower Upper
104 100
78 42.9 28.3 52.7

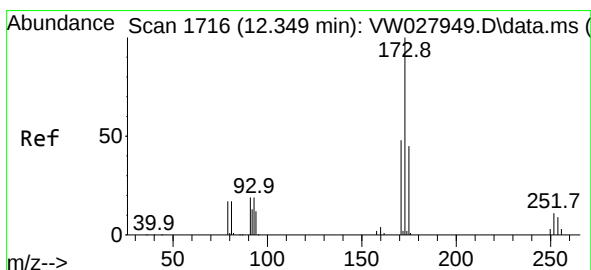
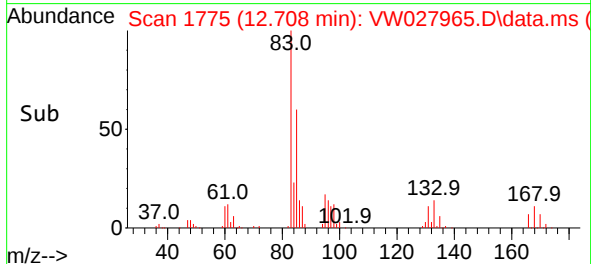
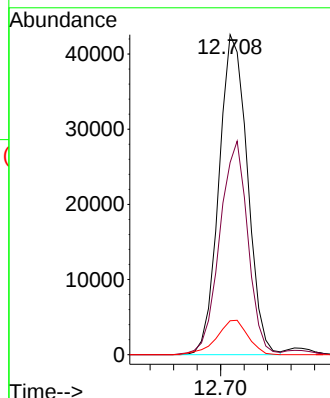
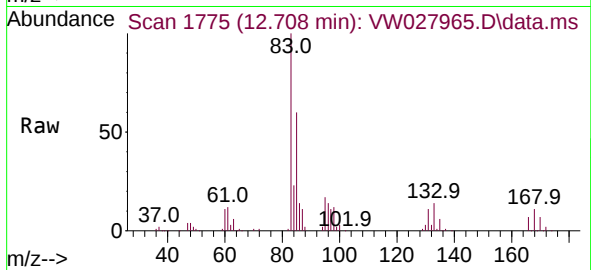




#57
1,1,2,2-Tetrachloroethane
Concen: 22.119 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

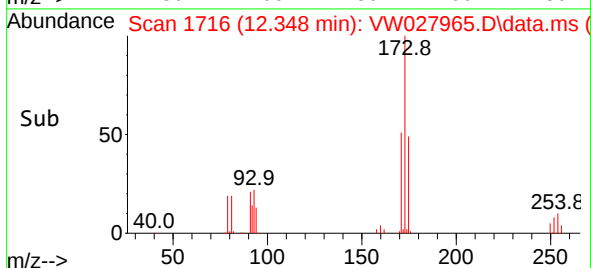
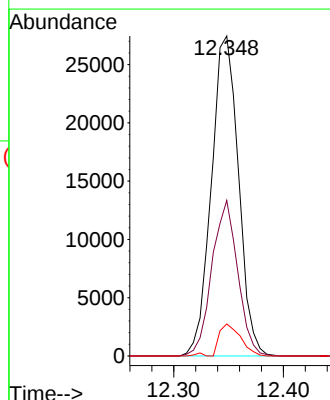
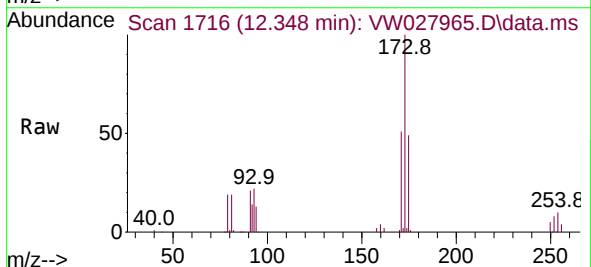
Instrument :
MSVOA_W
ClientSampleId :

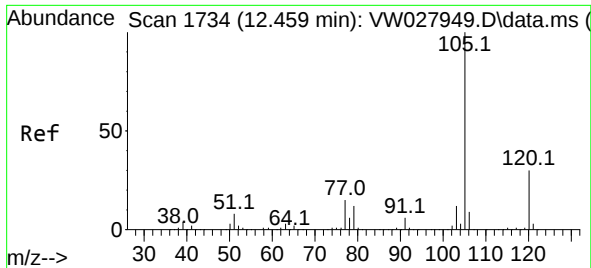
Tgt Ion: 83 Resp: 71625
Ion Ratio Lower Upper
83 100
85 60.0 42.9 79.7
131 10.6 8.7 13.1



#59
Bromoform
Concen: 24.051 ug/L
RT: 12.348 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

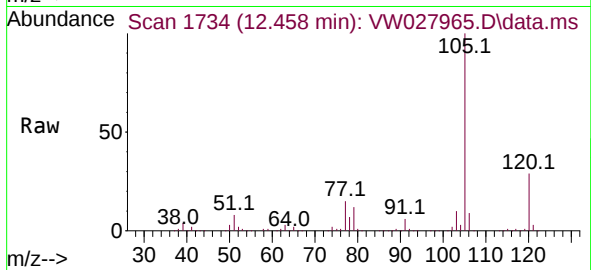
Tgt Ion: 173 Resp: 47238
Ion Ratio Lower Upper
173 100
175 46.2 37.8 56.8
254 7.8 8.4 12.6#



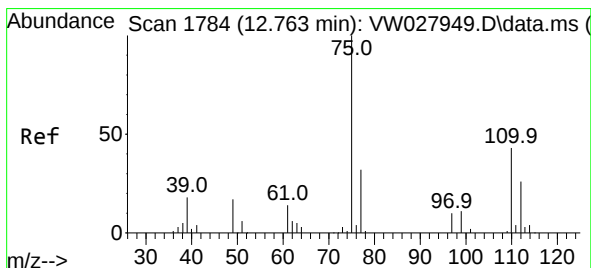
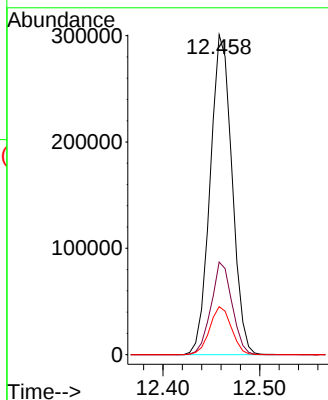
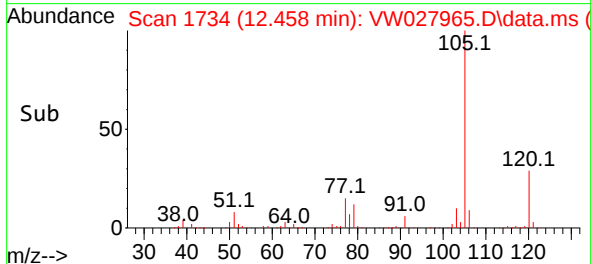


#60
Isopropylbenzene
Concen: 22.731 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

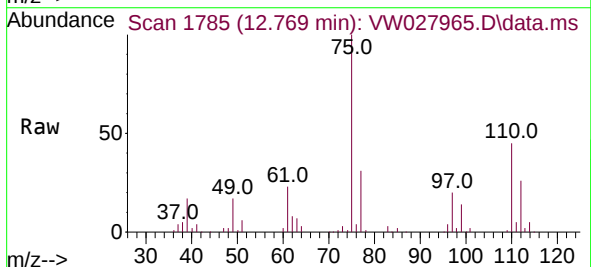
Instrument :
MSVOA_W
ClientSampleId :



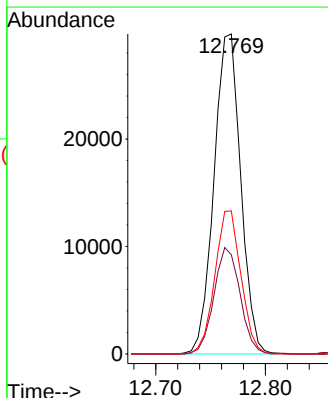
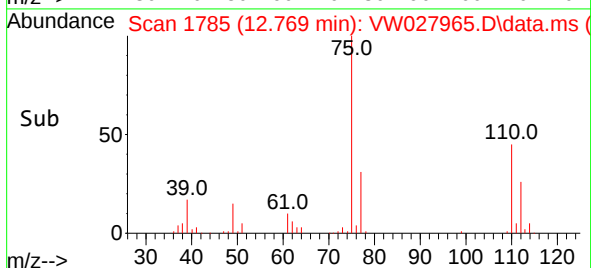
Tgt Ion:105 Resp: 472292
Ion Ratio Lower Upper
105 100
120 27.8 22.2 33.2
77 14.9 11.8 17.6

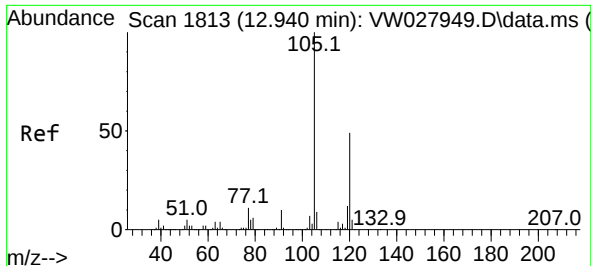


#61
1,2,3-Trichloropropane
Concen: 22.751 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31



Tgt Ion: 75 Resp: 50526
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7
110 43.7 35.8 53.8





#62

1,3,5-Trimethylbenzene

Concen: 23.480 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

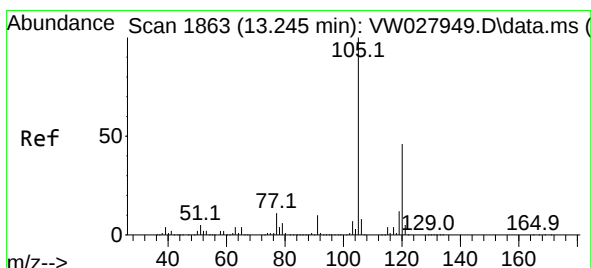
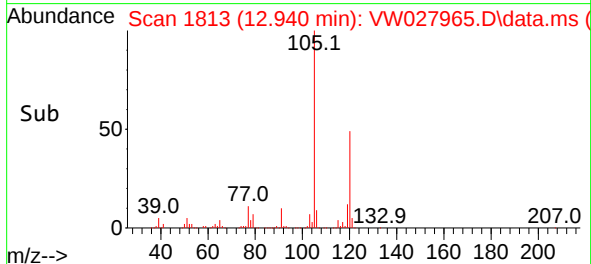
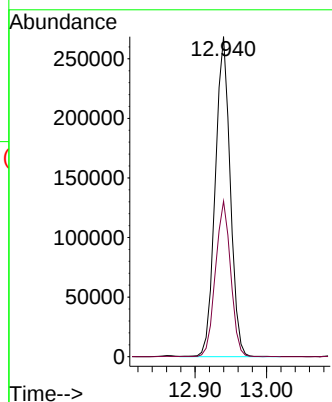
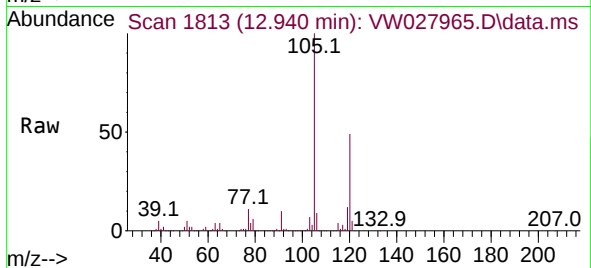
ClientSampleId :

Tgt Ion:105 Resp: 390394

Ion Ratio Lower Upper

105 100

120 49.2 40.3 60.5



#63

1,2,4-Trimethylbenzene

Concen: 23.383 ug/L

RT: 13.244 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027965.D

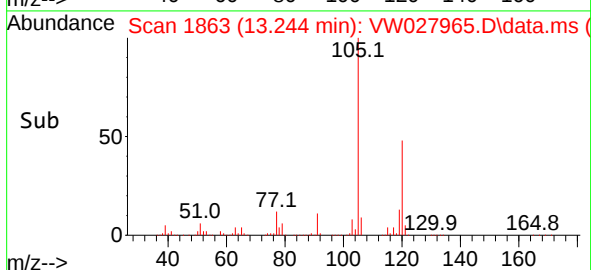
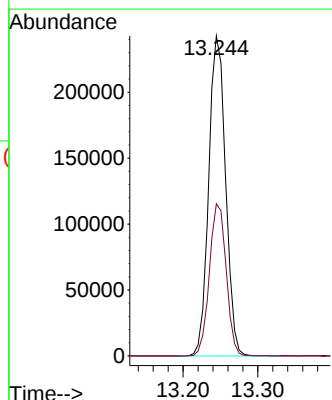
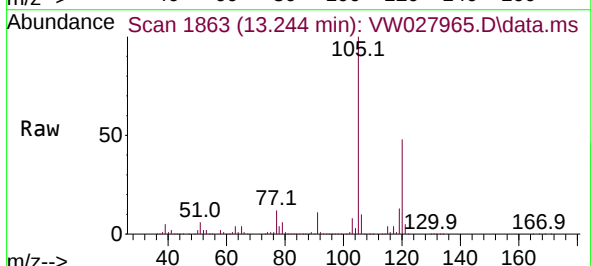
Acq: 06 Feb 2024 09:31

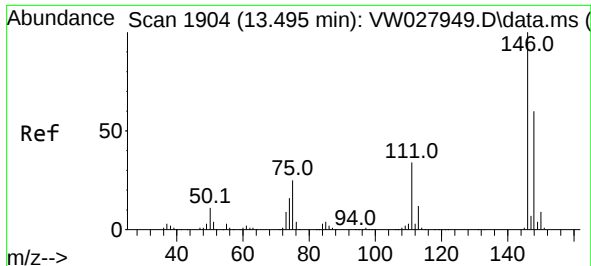
Tgt Ion:105 Resp: 380442

Ion Ratio Lower Upper

105 100

120 47.3 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 22.685 ug/L

RT: 13.494 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :

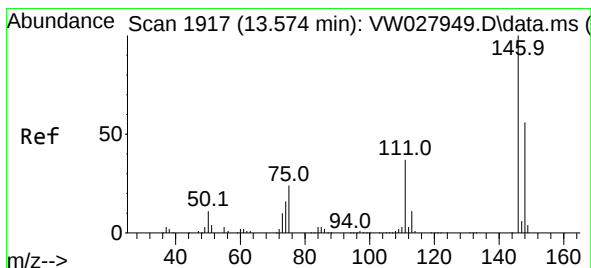
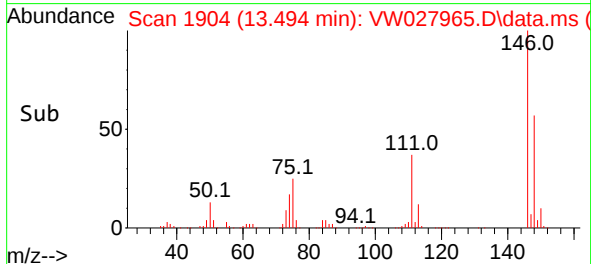
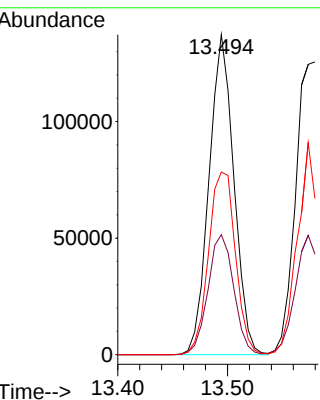
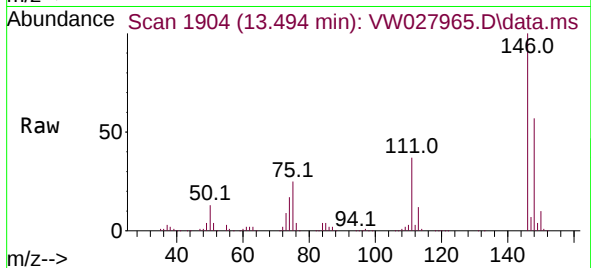
Tgt Ion:146 Resp: 216527

Ion Ratio Lower Upper

146 100

111 37.5 26.9 49.9

148 57.0 41.2 76.6



#65

1,4-Dichlorobenzene

Concen: 22.017 ug/L

RT: 13.580 min Scan# 1918

Delta R.T. 0.006 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

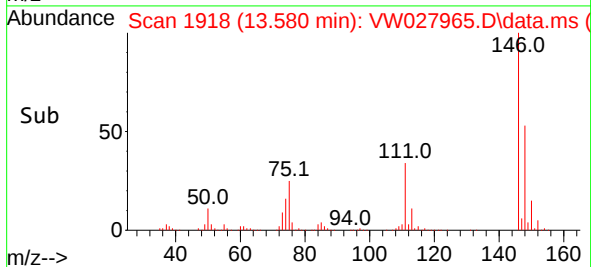
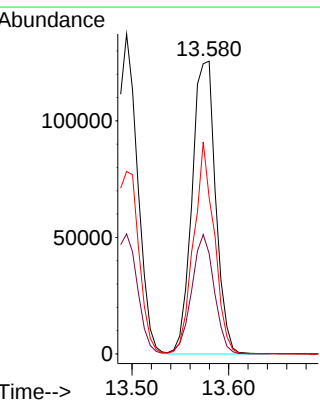
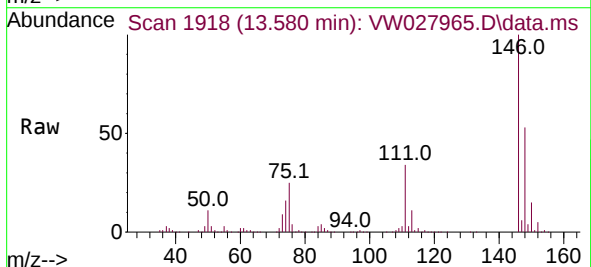
Tgt Ion:146 Resp: 213664

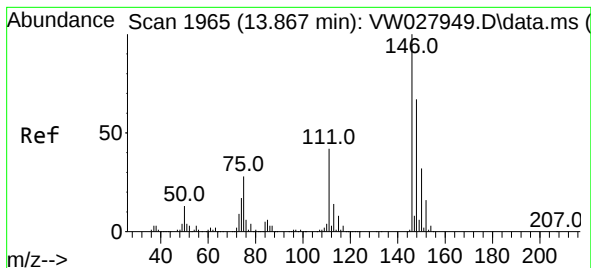
Ion Ratio Lower Upper

146 100

111 34.3 24.1 44.8

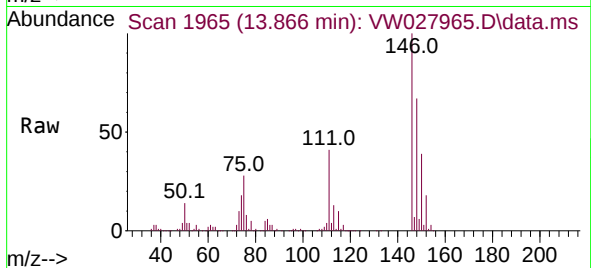
148 53.4 43.6 81.0



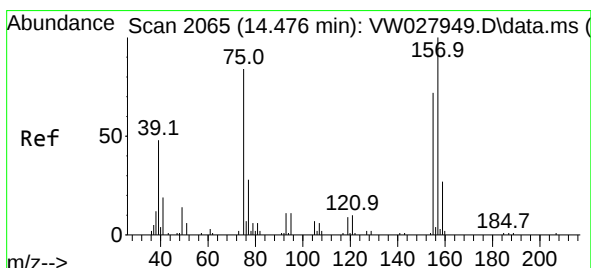
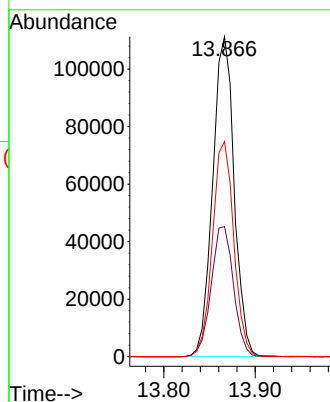
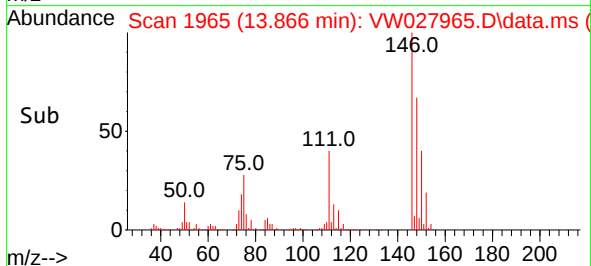


#67
1,2-Dichlorobenzene
Concen: 21.582 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

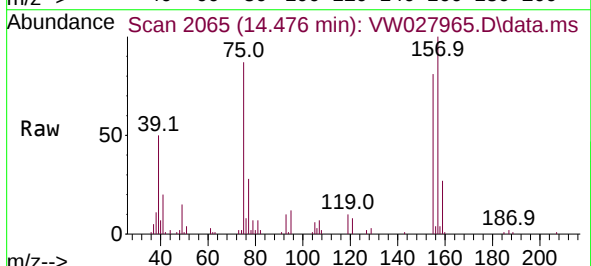
Instrument :
MSVOA_W
ClientSampleId :



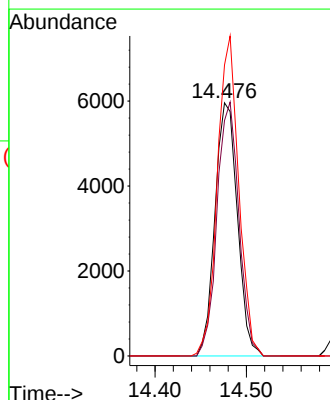
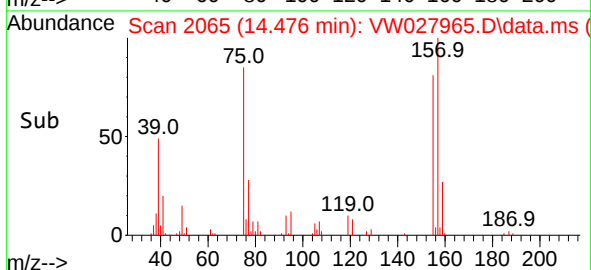
Tgt Ion:146 Resp: 181940
Ion Ratio Lower Upper
146 100
111 40.6 30.6 46.0
148 67.2 48.6 72.8

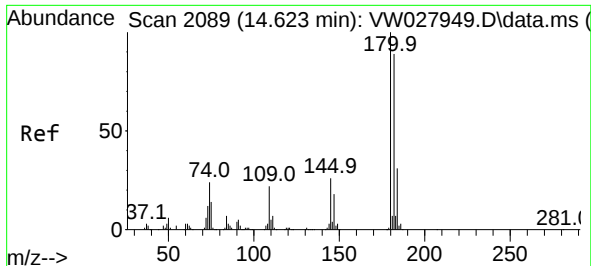


#68
1,2-Dibromo-3-chloropropane
Concen: 23.004 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31



Tgt Ion: 75 Resp: 10143
Ion Ratio Lower Upper
75 100
155 93.1 68.7 103.1
157 115.0 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 22.438 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

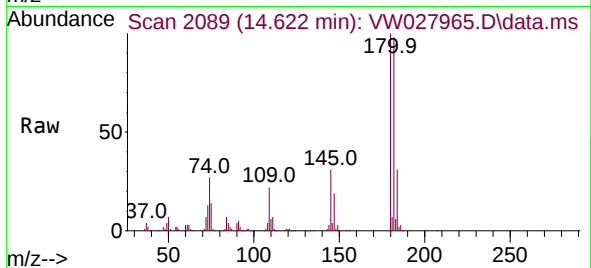
Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 153788

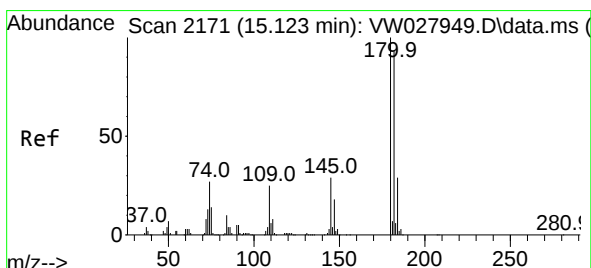
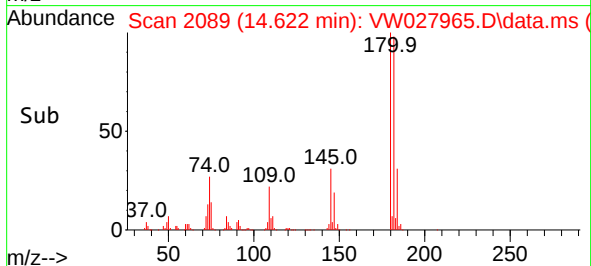
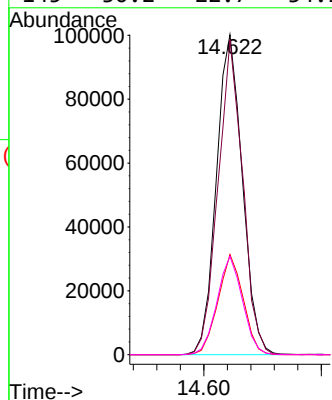
Ion Ratio Lower Upper

180 100

182 93.1 72.1 108.1

184 30.3 24.4 36.6

145 30.2 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 22.748 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027965.D

Acq: 06 Feb 2024 09:31

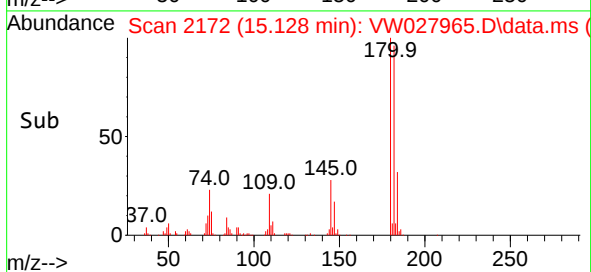
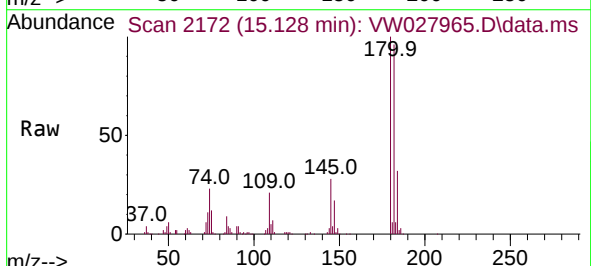
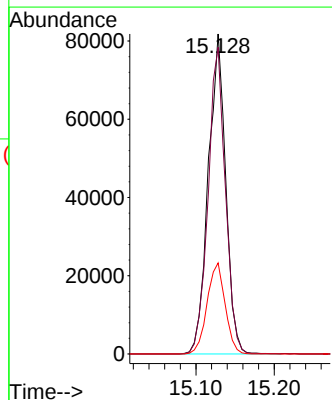
Tgt Ion:180 Resp: 125904

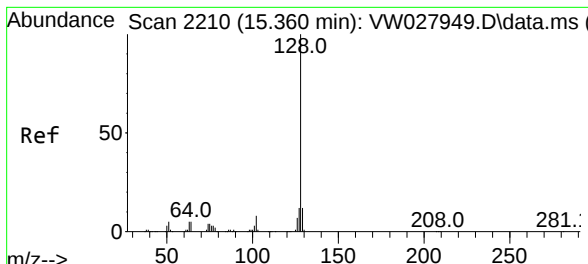
Ion Ratio Lower Upper

180 100

182 95.6 77.0 115.6

145 29.5 23.4 35.0

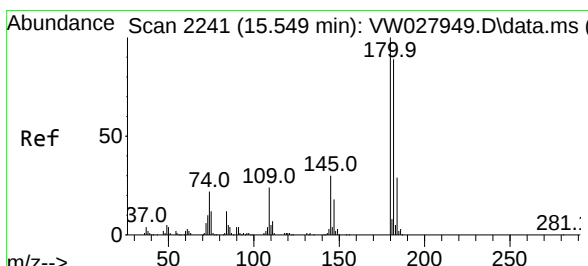
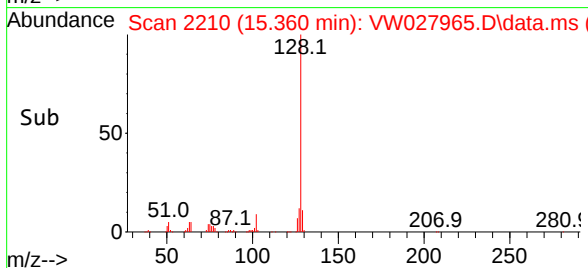
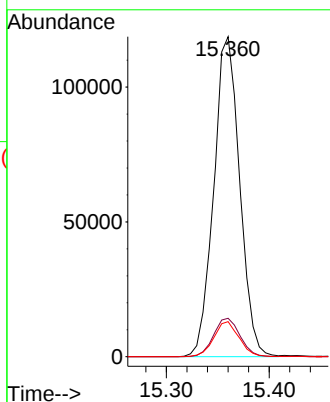
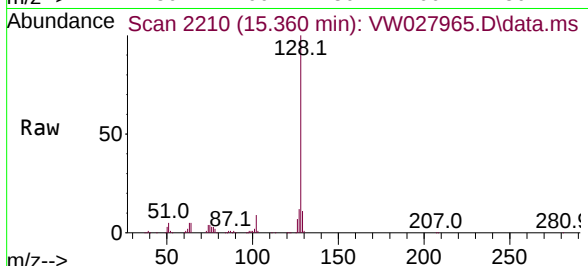




#71
Naphthalene
Concen: 24.142 ug/L
RT: 15.360 min Scan# 2110
Delta R.T. -0.000 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 207638
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.7 8.4 12.6



#72
1,2,3-Trichlorobenzene
Concen: 23.138 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.007 min
Lab File: VW027965.D
Acq: 06 Feb 2024 09:31

Tgt Ion:180 Resp: 106846
Ion Ratio Lower Upper
180 100
182 92.4 76.5 114.7
145 31.6 25.8 38.8

