

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070124\
 Data File : VW029416.D
 Acq On : 01 Jul 2024 08:46
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 02 08:08:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jun 29 02:05:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	291256	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270324	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137134	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	73547	18.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.960%
7) Chloroethane-d5	2.905	69	63839	18.752	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	4.021	65	36963	18.990	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.960%
21) 2-Butanone-d5	7.075	46	50066	41.511	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.020%
24) Chloroform-d	7.648	84	186593	21.476	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.920%
26) 1,2-Dichloroethane-d4	8.307	65	101227	20.293	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.160%
32) Benzene-d6	8.276	84	345340	21.032	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.120%
36) 1,2-Dichloropropane-d6	9.270	67	111890	21.437	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.760%
41) Toluene-d8	10.319	98	303119	20.866	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.480%
43) trans-1,3-Dichloroprop...	10.575	79	44434	21.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.520%
47) 2-Hexanone-d5	10.922	63	33517	40.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.920%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	85088	20.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	99621	20.929	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.720%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	56768	19.978	ug/L	92
3) Chloromethane	2.229	50	77254	19.067	ug/L	99
5) Vinyl chloride	2.375	62	97292	20.910	ug/L	98
6) Bromomethane	2.796	94	58059	20.761	ug/L	93
8) Chloroethane	2.942	64	61423	21.583	ug/L	99
9) Trichlorofluoromethane	3.271	101	97360	26.989	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	89564	22.519	ug/L	92
12) 1,1-Dichloroethene	4.051	96	80900	23.972	ug/L #	71
13) Acetone	4.119	43	61426	59.929	ug/L	97
14) Carbon disulfide	4.393	76	231551	21.018	ug/L	99
15) Methyl Acetate	4.673	43	42864	21.065	ug/L #	83
16) Methylene chloride	4.923	84	97606	19.059	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	85839	22.903	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	136315	22.733	ug/L	99
19) 1,1-Dichloroethane	6.222	63	189698	23.435	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	98202	23.761	ug/L	99
22) 2-Butanone	7.167	43	67603	48.114	ug/L	99
23) Bromochloromethane	7.514	128	41239	22.415	ug/L	93
25) Chloroform	7.679	83	186858	23.640	ug/L	98

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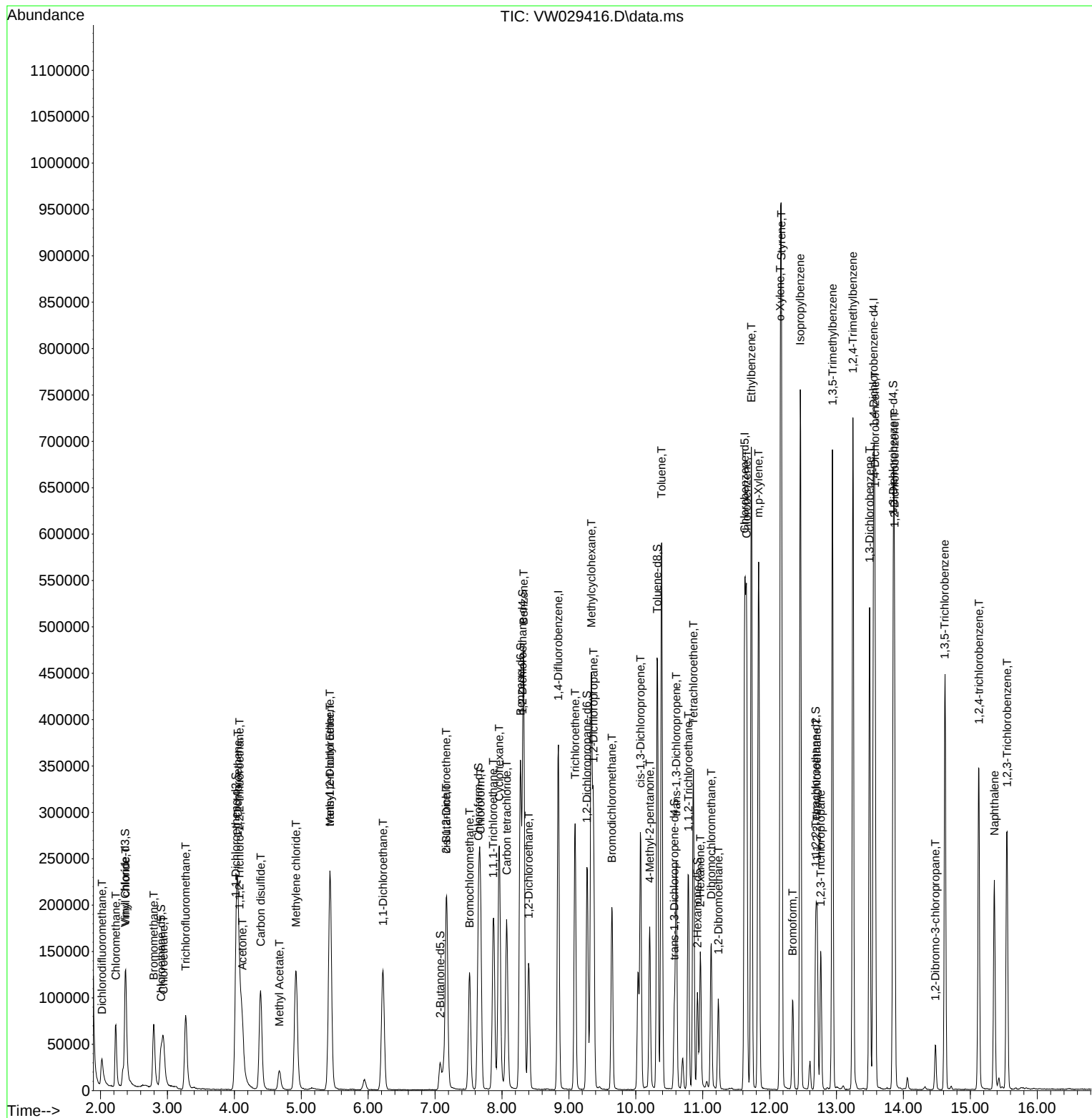
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	127978	21.953	ug/L	99
29) Cyclohexane	7.959	56	147695	23.899	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	152779	25.416	ug/L	96
31) Carbon tetrachloride	8.069	117	135112	24.605	ug/L	96
33) Benzene	8.325	78	389569	23.985	ug/L	100
34) Trichloroethene	9.093	95	101309	23.379	ug/L	94
35) Methylcyclohexane	9.337	83	162770	23.884	ug/L	100
37) 1,2-Dichloropropane	9.368	63	107990	23.661	ug/L	99
38) Bromodichloromethane	9.642	83	131777	23.615	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	154994	24.024	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	119051	42.085	ug/L	99
42) Toluene	10.386	91	413696	24.775	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	128908	23.663	ug/L	95
45) 1,1,2-Trichloroethane	10.788	97	70929	22.314	ug/L	96
46) Tetrachloroethene	10.861	164	75373	24.882	ug/L	87
48) 2-Hexanone	10.965	43	96887	48.268	ug/L	98
49) Dibromochloromethane	11.129	129	78995	23.774	ug/L	94
50) 1,2-Dibromoethane	11.233	107	63336	22.197	ug/L	95
51) Chlorobenzene	11.654	112	248805	22.946	ug/L	99
52) Ethylbenzene	11.727	91	462834	24.419	ug/L	95
53) m,p-Xylene	11.837	106	175315	25.322	ug/L	93
54) o-Xylene	12.160	106	164541	25.430	ug/L	97
55) Styrene	12.178	104	285121	25.273	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	83542	21.247	ug/L	94
59) Bromoform	12.343	173	42171	22.437	ug/L	98
60) Isopropylbenzene	12.459	105	462221	25.296	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	61169	20.450	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	336264	25.410	ug/L	95
63) 1,2,4-Trimethylbenzene	13.245	105	363589	25.536	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	189878	24.012	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	190422	22.633	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	172462	23.592	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	12811	18.353	ug/L	99
69) 1,3,5-Trichlorobenzene	14.617	180	128384	24.057	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	102562	23.707	ug/L	98
71) Naphthalene	15.360	128	178859	20.947	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	90548	22.971	ug/L	96

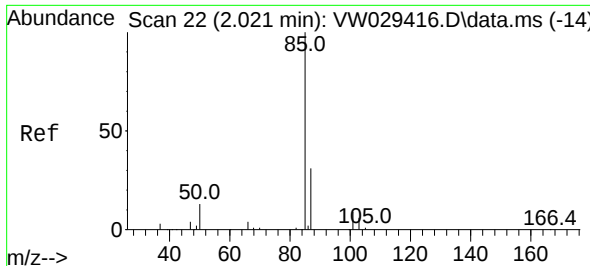
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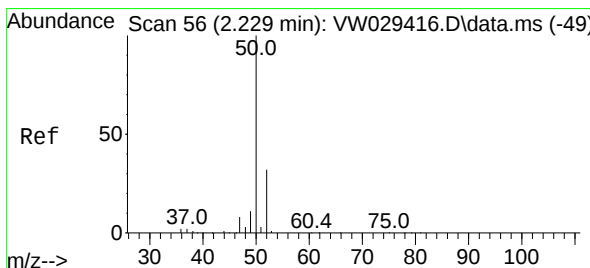
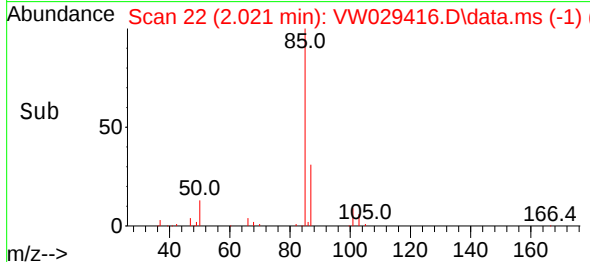
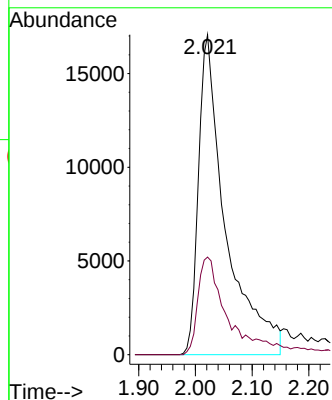
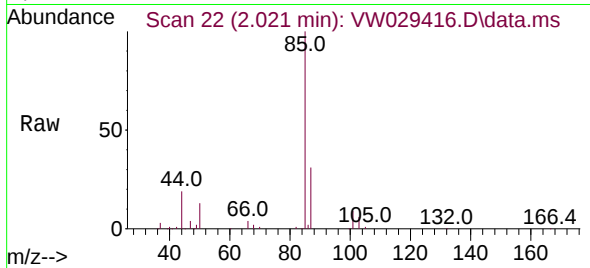




#2
 Dichlorodifluoromethane
 Concen: 19.978 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW029416.D
 Acq: 01 Jul 2024 08:46

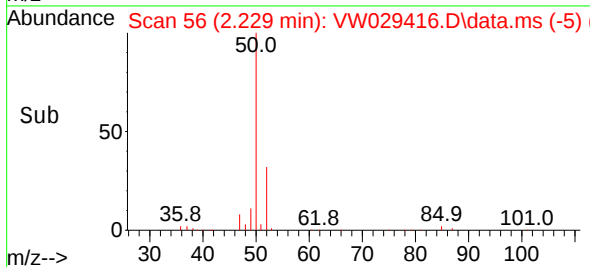
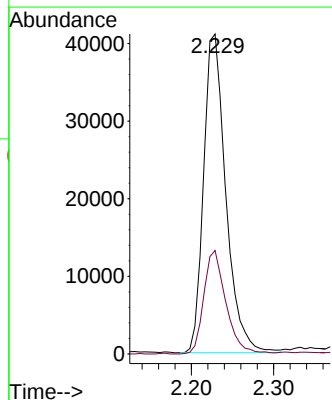
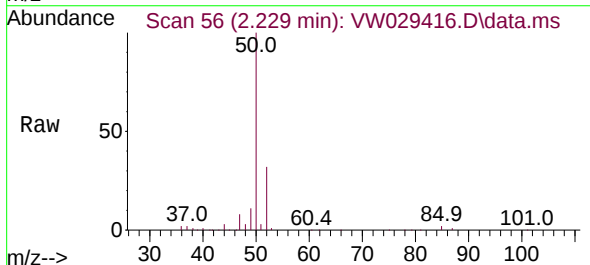
Instrument :
 MSVOA_W
 ClientSampleId :

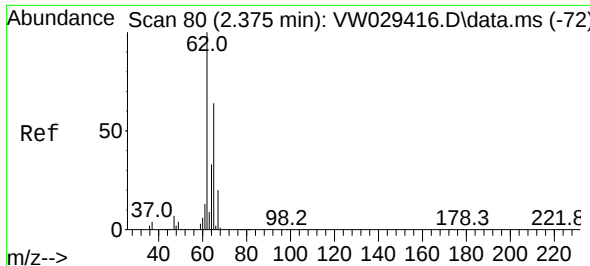
Tgt Ion: 85 Resp: 56768
 Ion Ratio Lower Upper
 85 100
 87 25.3 23.8 35.6



#3
 Chloromethane
 Concen: 19.067 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.012 min
 Lab File: VW029416.D
 Acq: 01 Jul 2024 08:46

Tgt Ion: 50 Resp: 77254
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.3 41.5

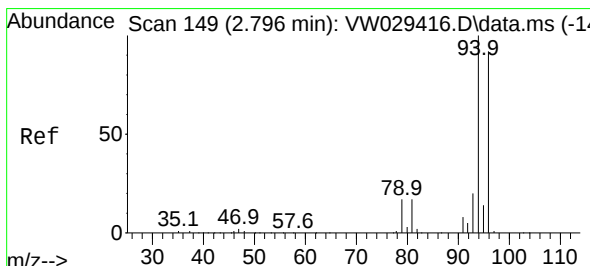
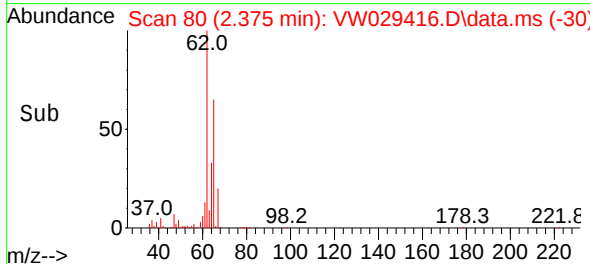
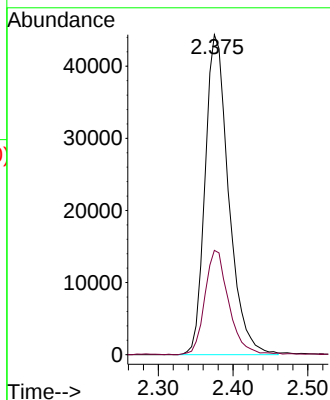
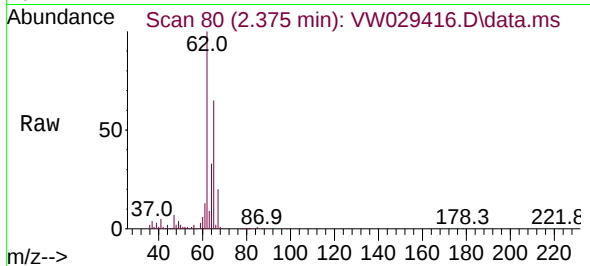




#5
 Vinyl chloride
 Concen: 20.910 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VW029416.D
 Acq: 01 Jul 2024 08:46

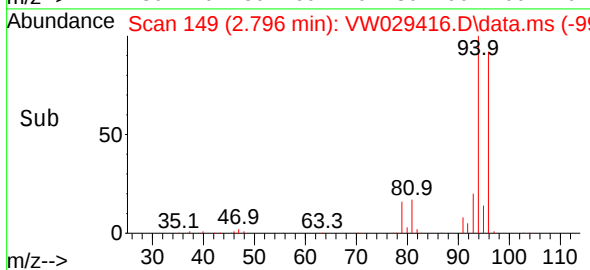
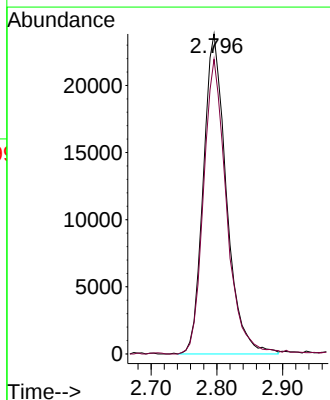
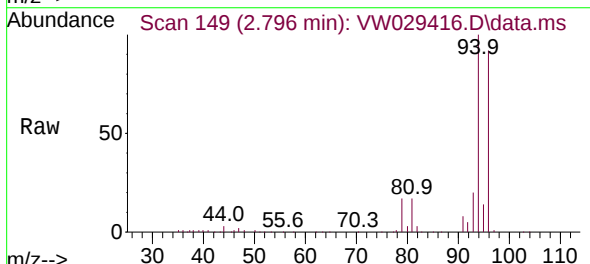
Instrument :
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 ClientSampleId :

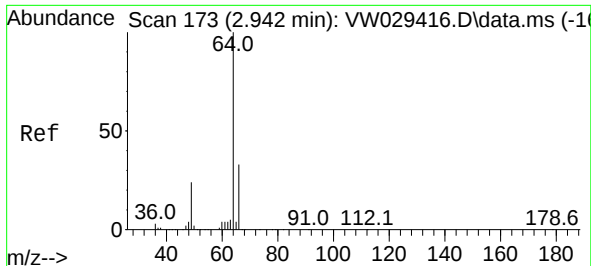
Tgt Ion: 62 Resp: 97292
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.0 40.8



#6
 Bromomethane
 Concen: 20.761 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW029416.D
 Acq: 01 Jul 2024 08:46

Tgt Ion: 94 Resp: 58059
 Ion Ratio Lower Upper
 94 100
 96 92.1 69.5 129.1

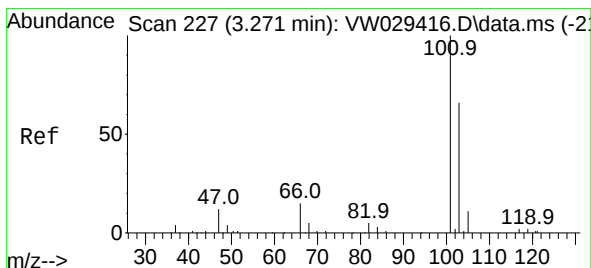
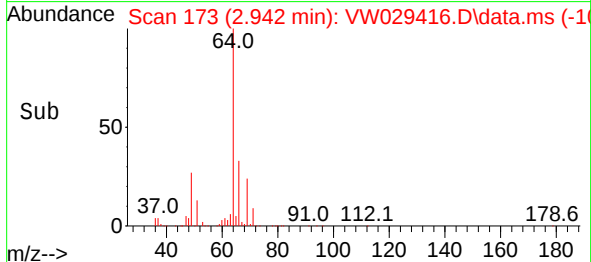
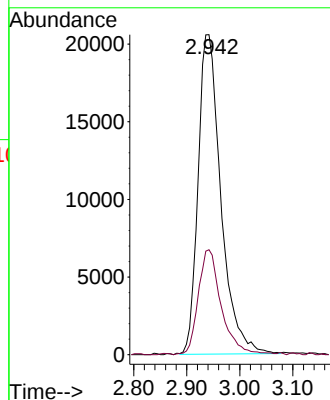
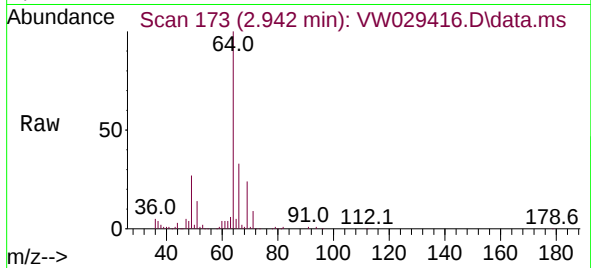




#8
Chloroethane
Concen: 21.583 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.006 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

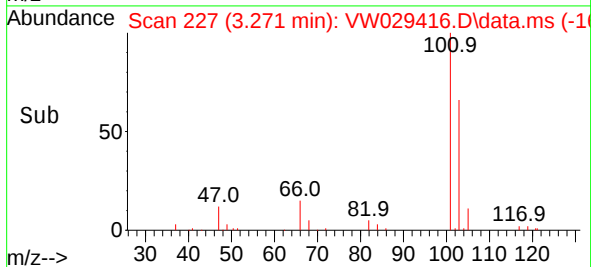
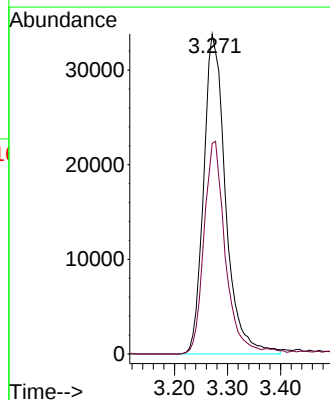
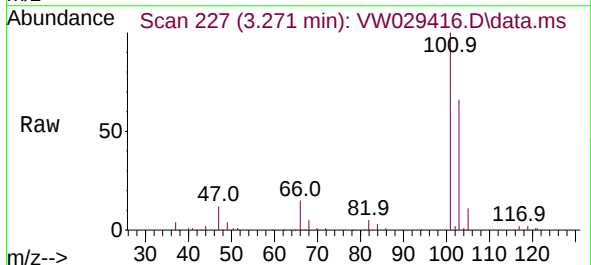
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MSVOA_W
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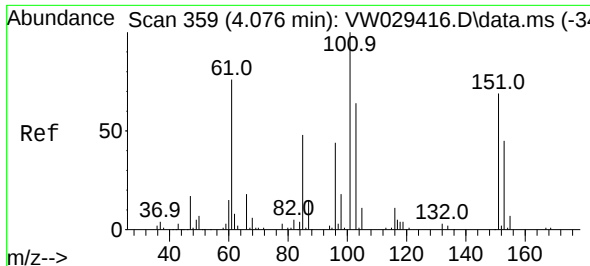
Tgt Ion: 64 Resp: 61423
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 26.989 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion:101 Resp: 97360
Ion Ratio Lower Upper
101 100
103 63.9 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 22.519 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

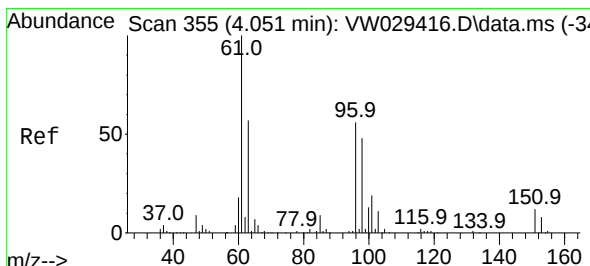
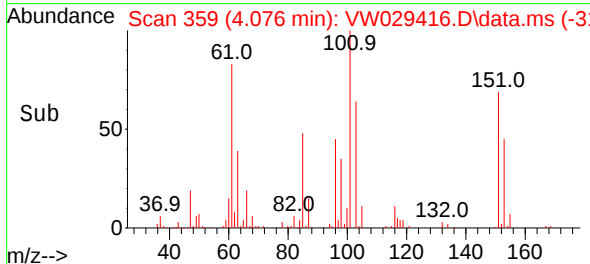
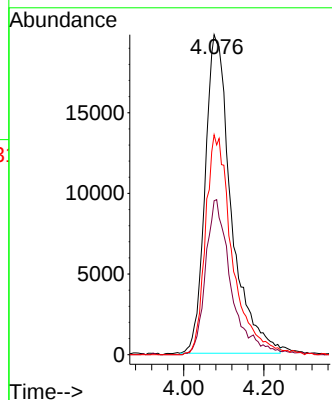
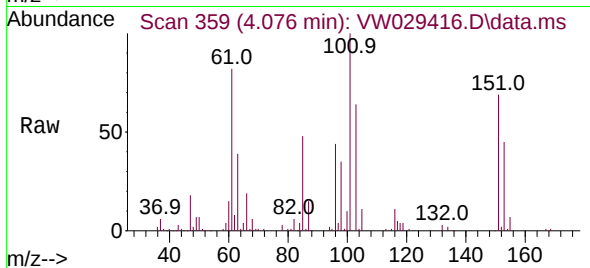
Tgt Ion:101 Resp: 89564

Ion Ratio Lower Upper

101 100

85 43.9 30.2 45.2

151 70.2 52.2 78.4



#12

1,1-Dichloroethene

Concen: 23.972 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.012 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

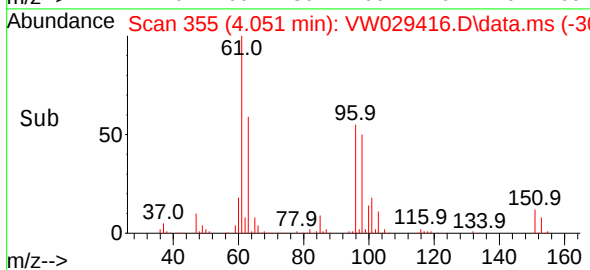
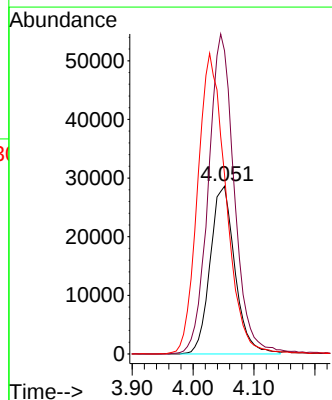
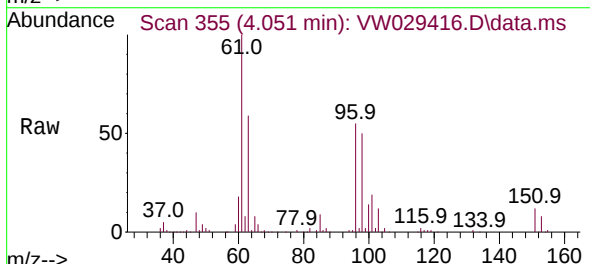
Tgt Ion: 96 Resp: 80900

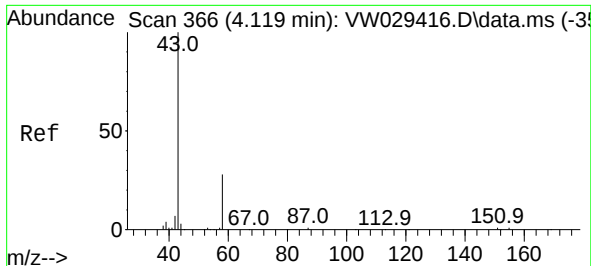
Ion Ratio Lower Upper

96 100

61 180.9 140.1 260.3

63 107.2 122.0 226.6#





#13

Acetone

Concen: 59.929 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

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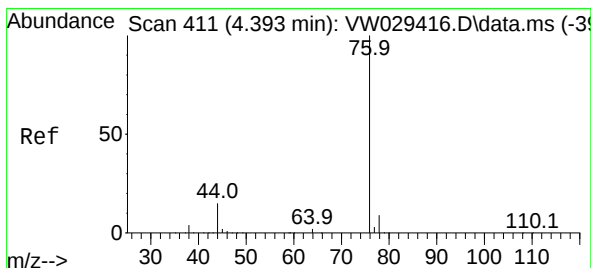
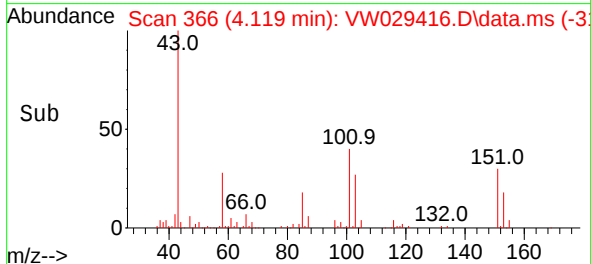
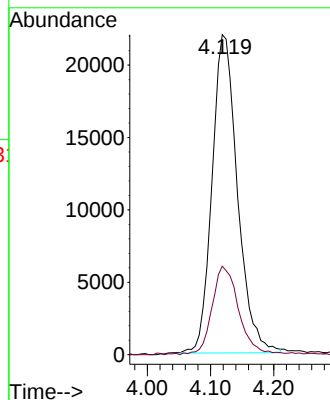
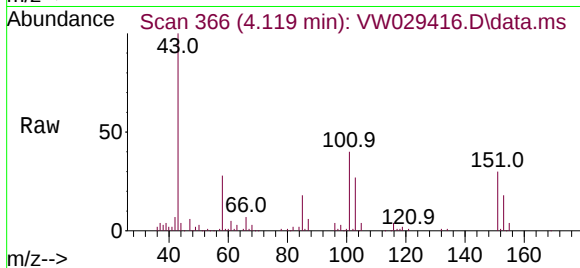
ClientSampleId :

Tgt Ion: 43 Resp: 61426

Ion Ratio Lower Upper

43 100

58 28.8 0.0 61.4



#14

Carbon disulfide

Concen: 21.018 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

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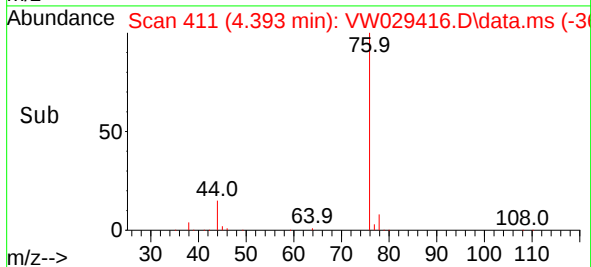
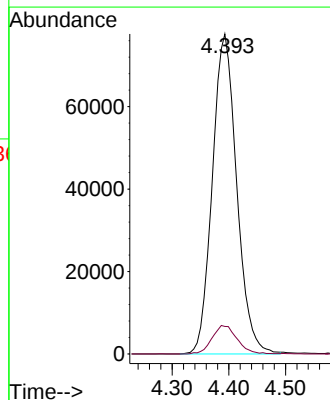
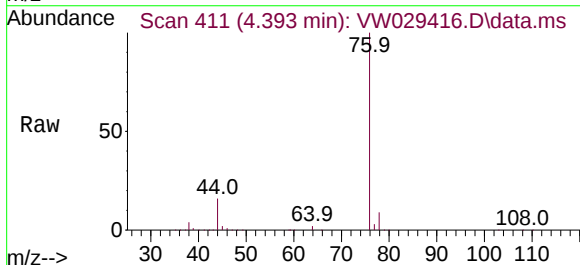
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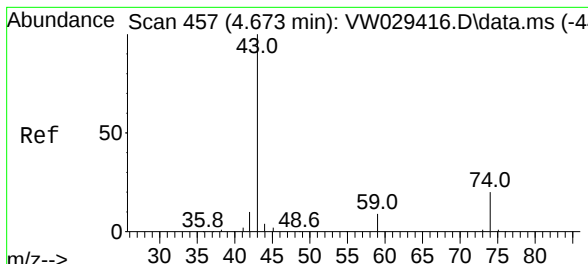
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Ion Ratio Lower Upper

76 100

78 8.6 7.2 10.8

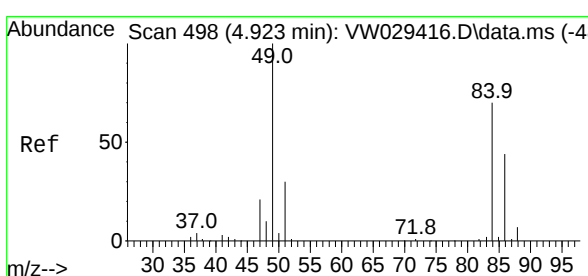
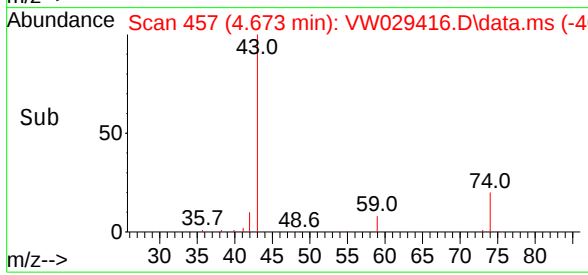
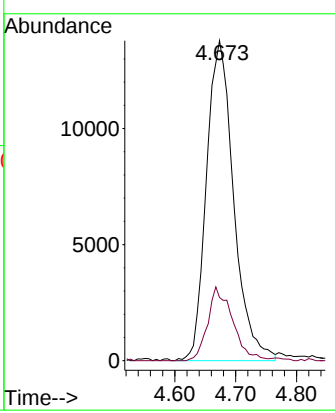
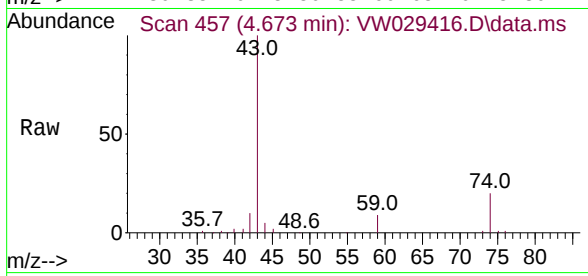




#15
Methyl Acetate
Concen: 21.065 ug/L
RT: 4.673 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

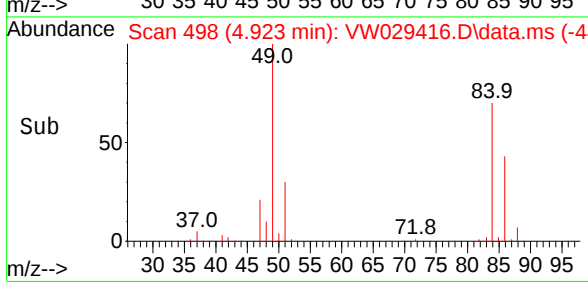
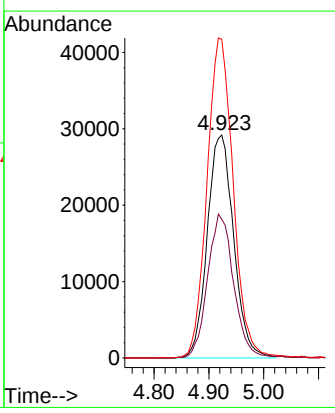
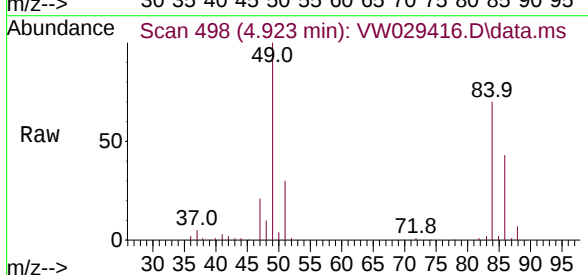
Instrument :
MSVOA_W
ClientSampleId :

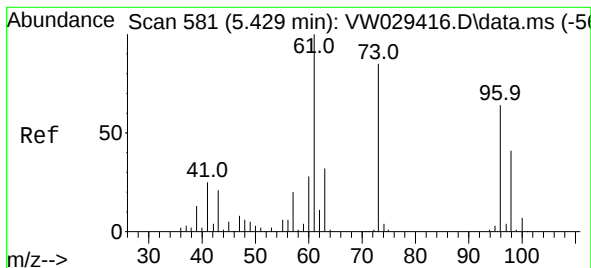
Tgt Ion:	43	Resp:	42864
Ion Ratio	Lower	Upper	
43	100		
74	12.9	16.6	25.0#



#16
Methylene chloride
Concen: 19.059 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion:	84	Resp:	97606
Ion Ratio	Lower	Upper	
84	100		
86	62.1	41.4	77.0
49	143.0	95.7	177.7





#17

trans-1,2-Dichloroethene

Concen: 22.903 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

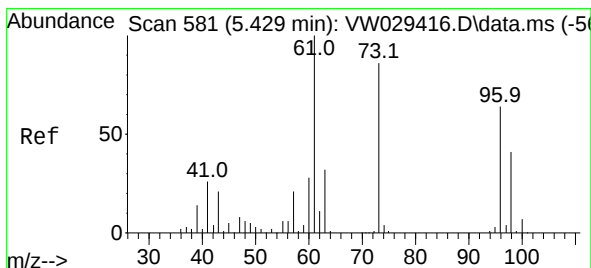
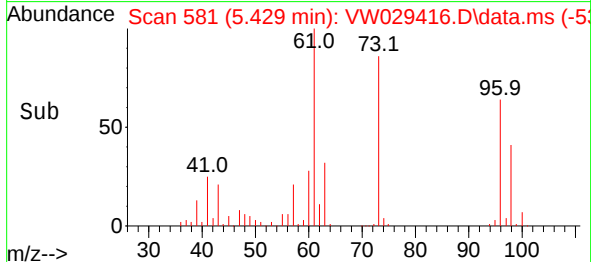
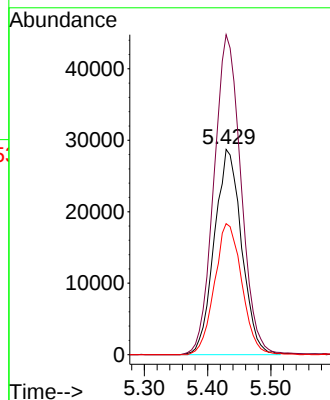
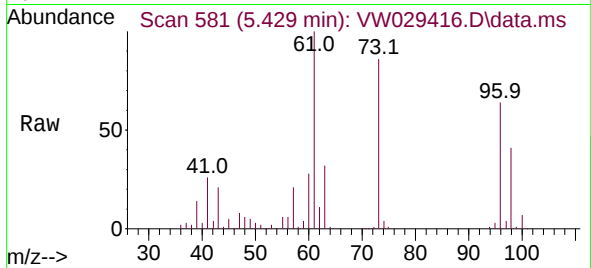
Tgt Ion: 96 Resp: 85839

Ion Ratio Lower Upper

96 100

61 155.8 101.5 188.5

98 63.8 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 22.733 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

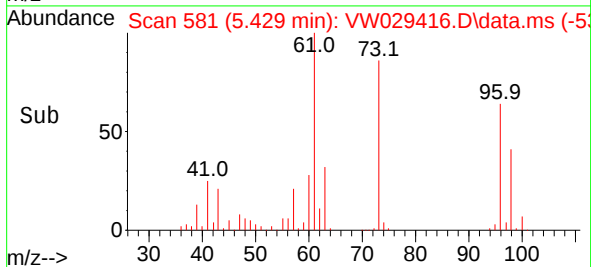
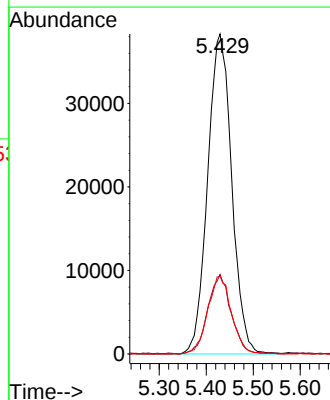
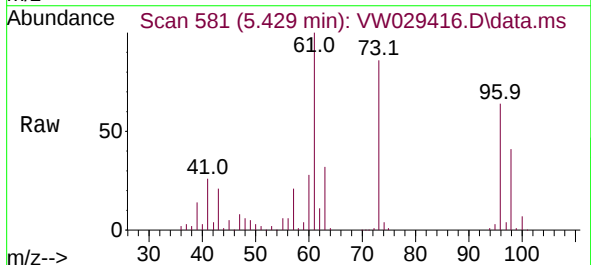
Tgt Ion: 73 Resp: 136315

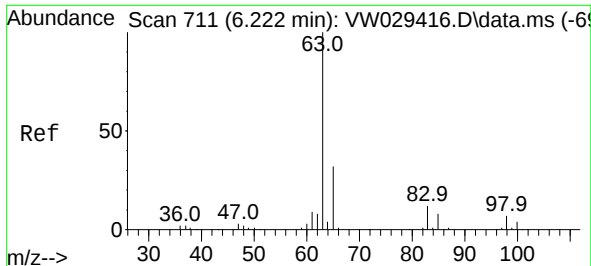
Ion Ratio Lower Upper

73 100

43 24.0 19.5 29.3

57 23.9 18.4 27.6





#19

1,1-Dichloroethane

Concen: 23.435 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

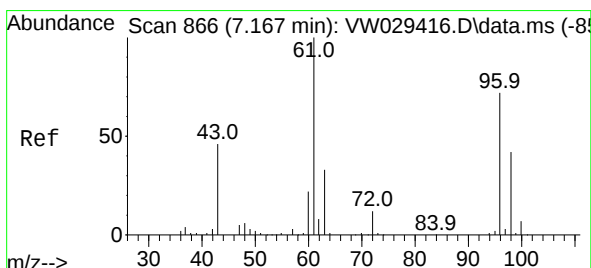
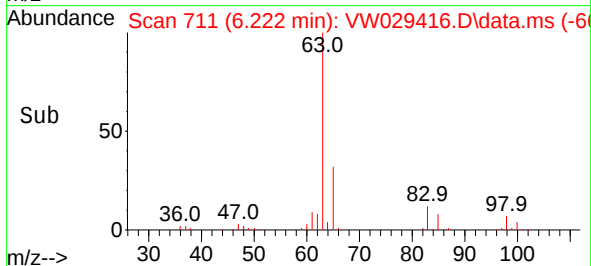
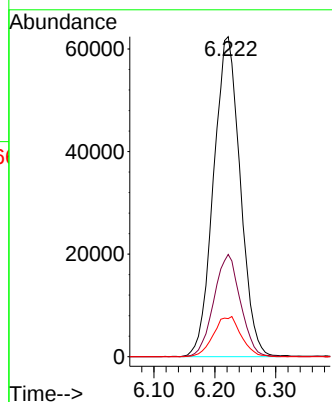
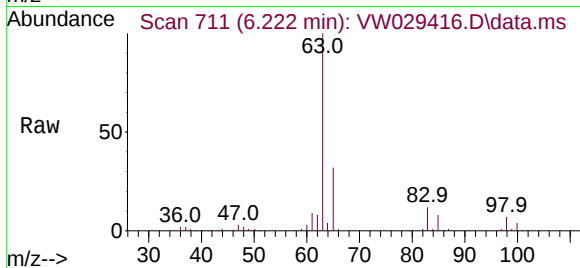
Tgt Ion: 63 Resp: 189698

Ion Ratio Lower Upper

63 100

65 32.0 23.4 43.4

83 11.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 23.761 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

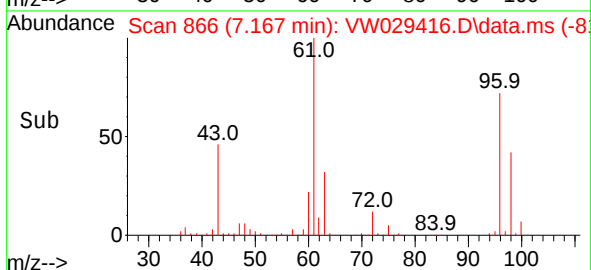
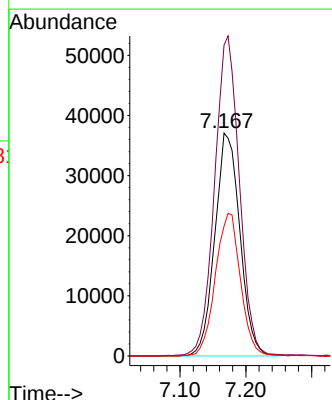
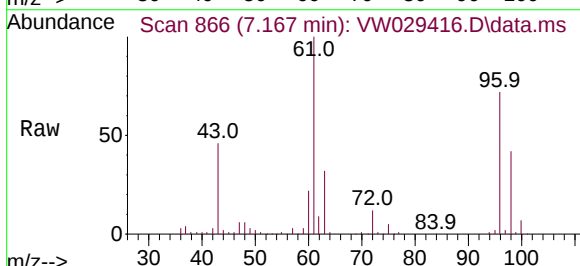
Tgt Ion: 96 Resp: 98202

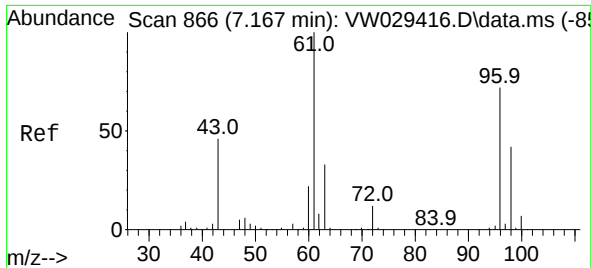
Ion Ratio Lower Upper

96 100

61 139.5 97.8 181.6

98 58.2 43.0 79.8





#22

2-Butanone

Concen: 48.114 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

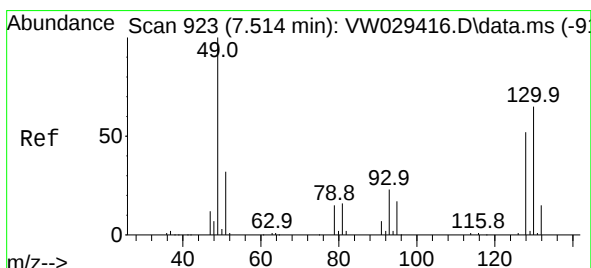
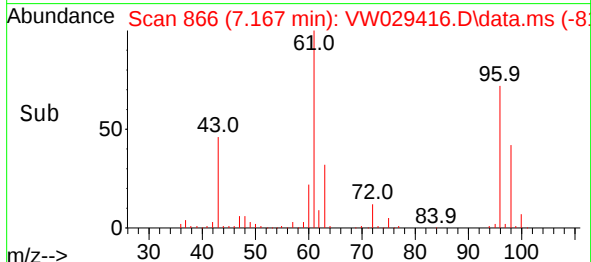
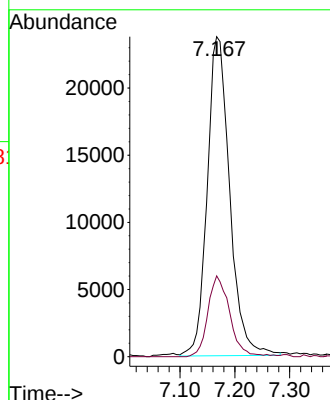
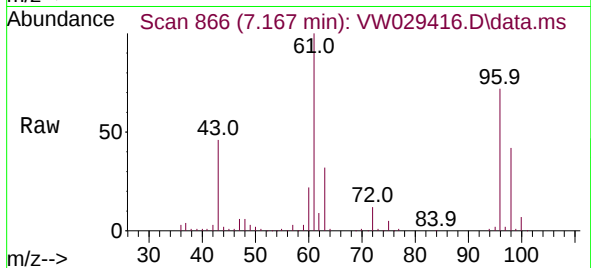
ClientSampleId :

Tgt Ion: 43 Resp: 67603

Ion Ratio Lower Upper

43 100

72 24.4 11.9 35.7



#23

Bromochloromethane

Concen: 22.415 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Tgt Ion: 128 Resp: 41239

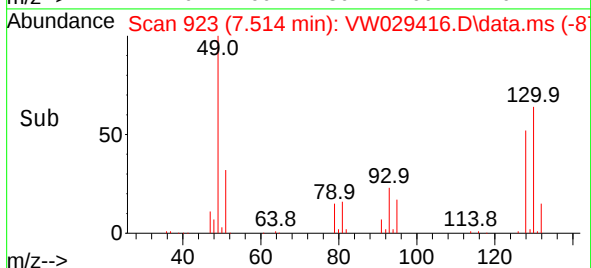
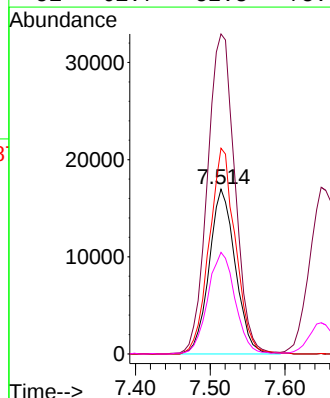
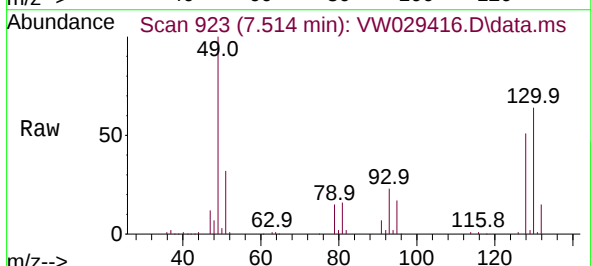
Ion Ratio Lower Upper

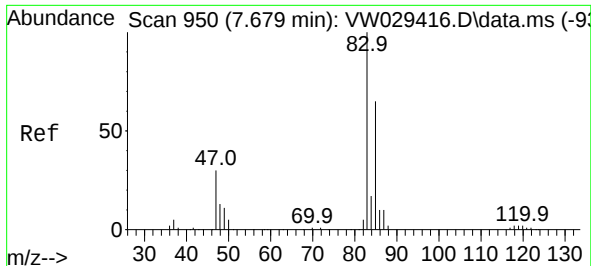
128 100

49 194.2 142.6 264.8

130 124.9 79.7 148.1

51 61.7 52.3 78.5





#25

Chloroform

Concen: 23.640 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

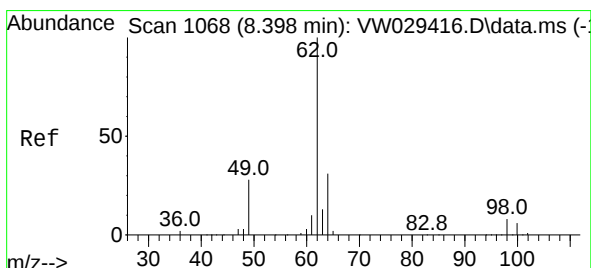
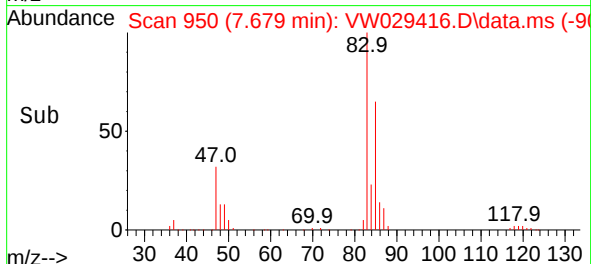
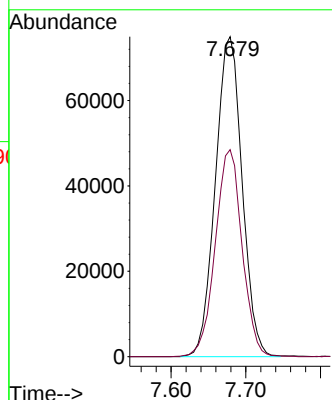
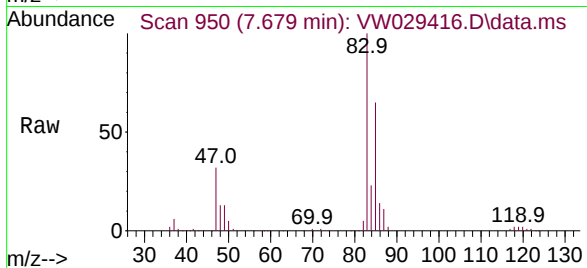
ClientSampleId :

Tgt Ion: 83 Resp: 186858

Ion Ratio Lower Upper

83 100

85 64.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 21.953 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029416.D

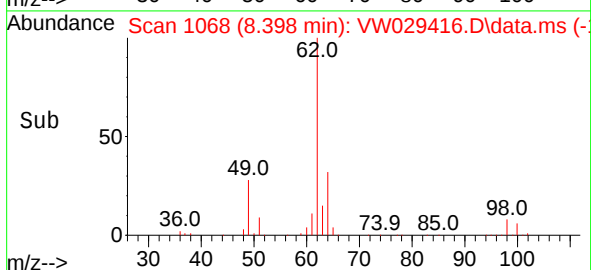
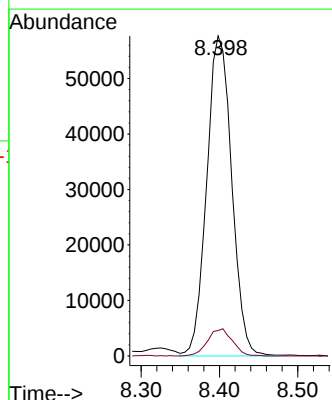
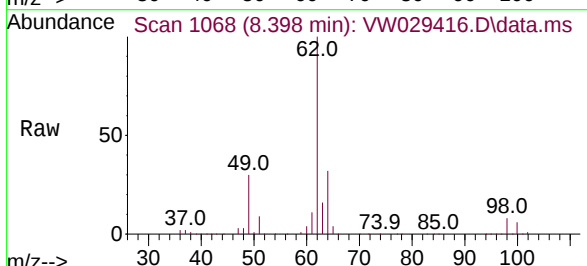
Acq: 01 Jul 2024 08:46

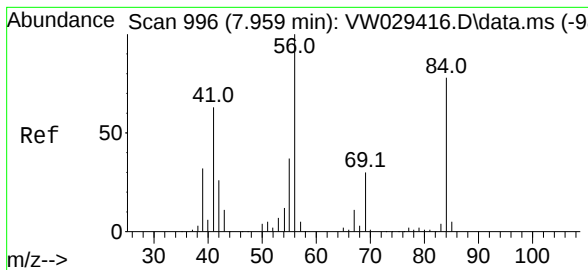
Tgt Ion: 62 Resp: 127978

Ion Ratio Lower Upper

62 100

98 8.0 6.6 10.0

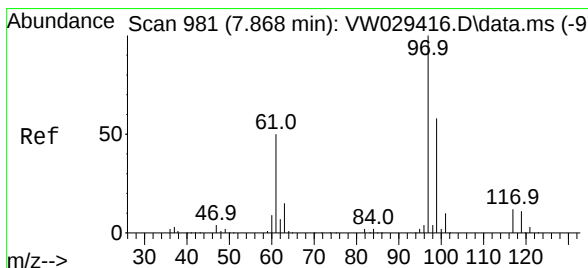
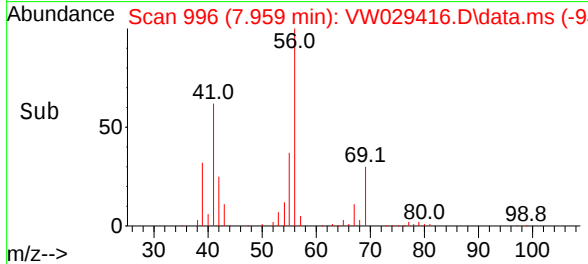
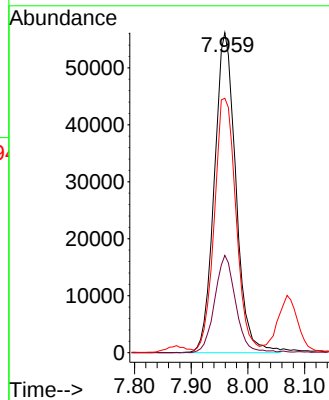
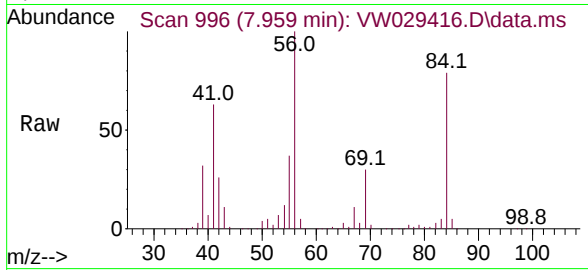




#29
Cyclohexane
Concen: 23.899 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

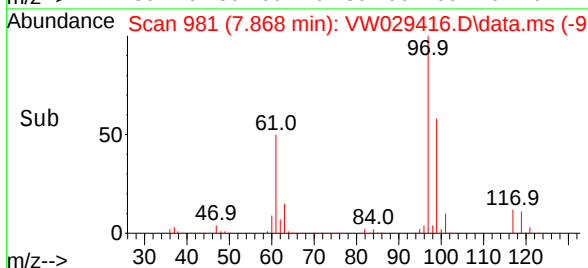
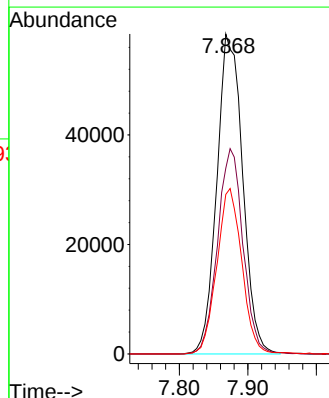
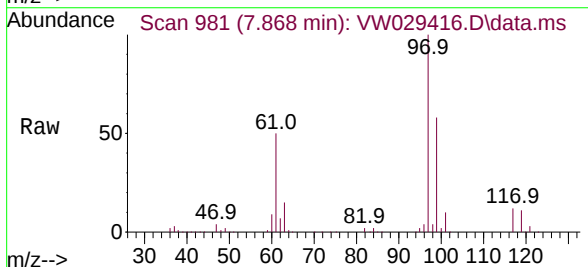
Instrument :
MSVOA_W
ClientSampleId :

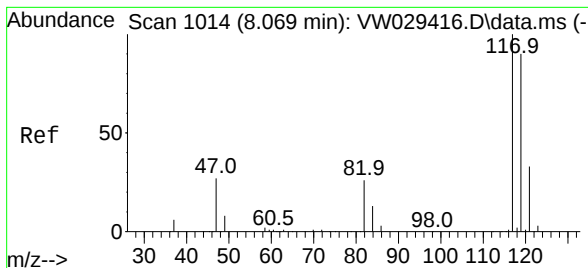
Tgt Ion: 56 Resp: 147695
Ion Ratio Lower Upper
56 100
69 29.4 23.4 35.0
84 79.9 64.5 96.7



#30
1,1,1-Trichloroethane
Concen: 25.416 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion: 97 Resp: 152779
Ion Ratio Lower Upper
97 100
99 63.4 53.0 79.4
61 50.0 43.0 64.4





#31

Carbon tetrachloride

Concen: 24.605 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

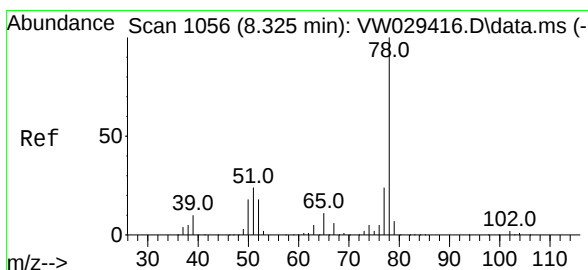
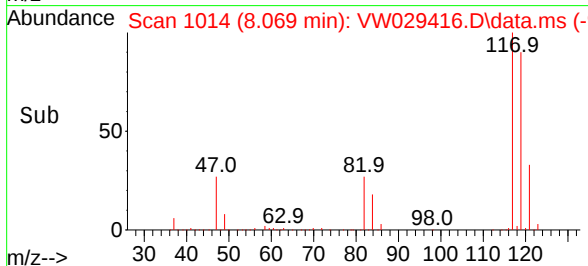
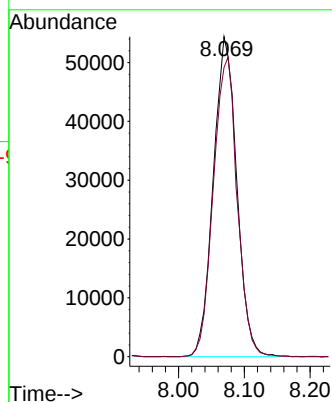
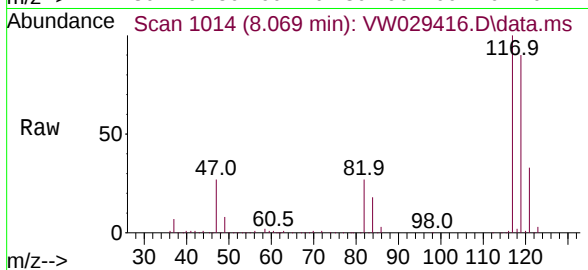
ClientSampleId :

Tgt Ion:117 Resp: 135112

Ion Ratio Lower Upper

117 100

119 95.2 79.0 118.4



#33

Benzene

Concen: 23.985 ug/L

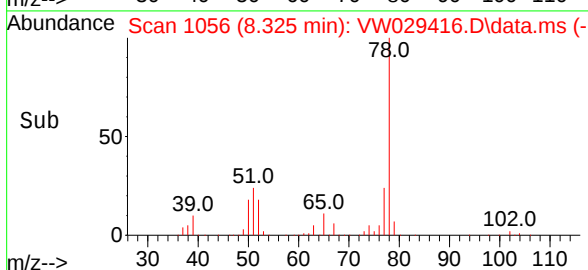
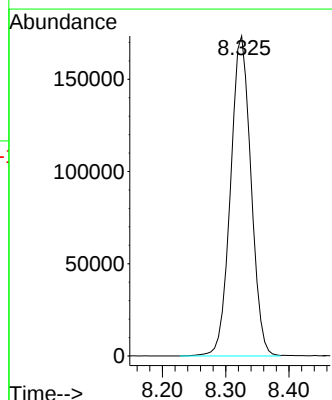
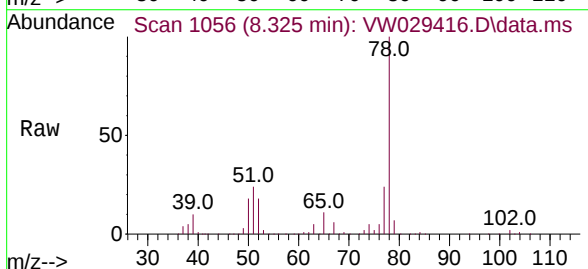
RT: 8.325 min Scan# 1056

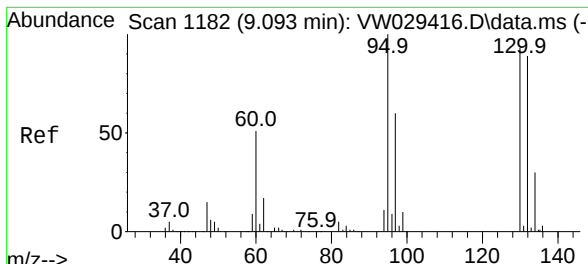
Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Tgt Ion: 78 Resp: 389569





#34

Trichloroethene

Concen: 23.379 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 101309

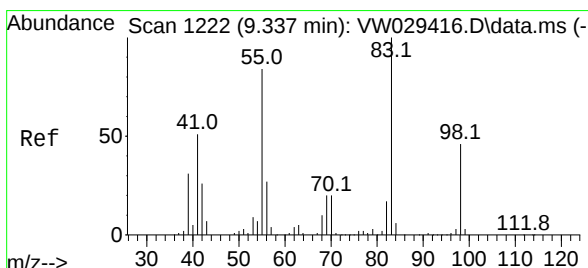
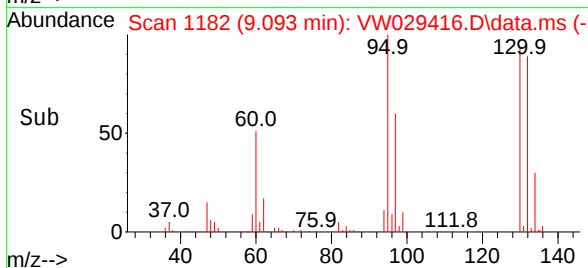
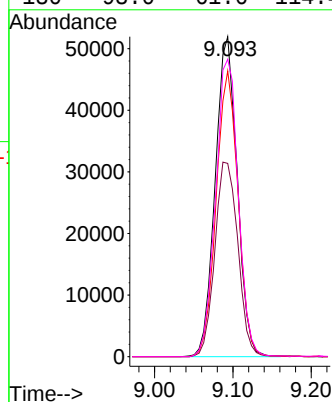
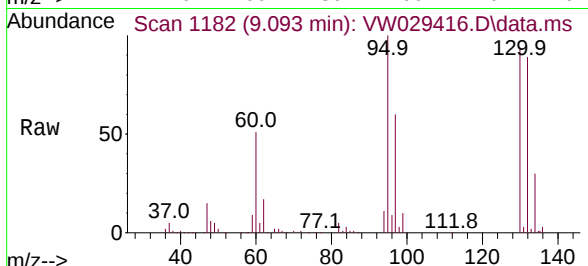
Ion Ratio Lower Upper

95 100

97 60.4 45.7 84.9

132 89.3 66.4 123.4

130 93.0 61.6 114.4



#35

Methylcyclohexane

Concen: 23.884 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

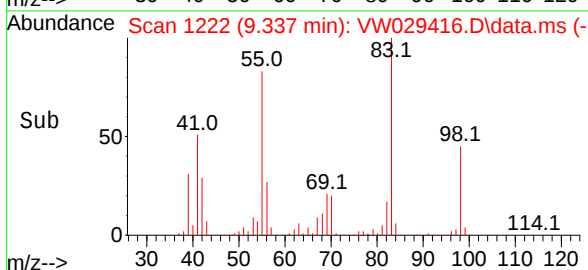
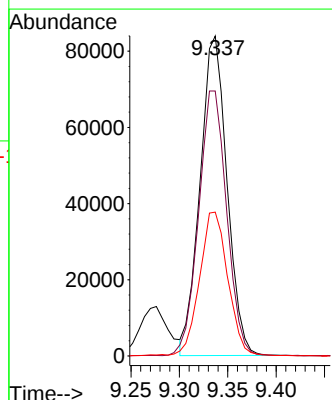
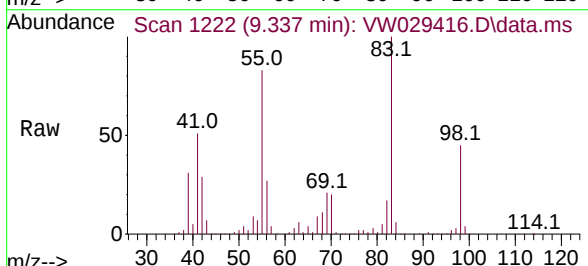
Tgt Ion: 83 Resp: 162770

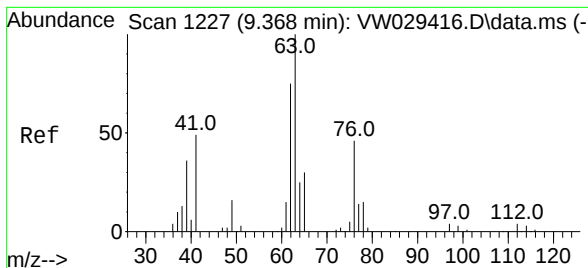
Ion Ratio Lower Upper

83 100

55 86.5 69.5 104.3

98 47.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 23.661 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

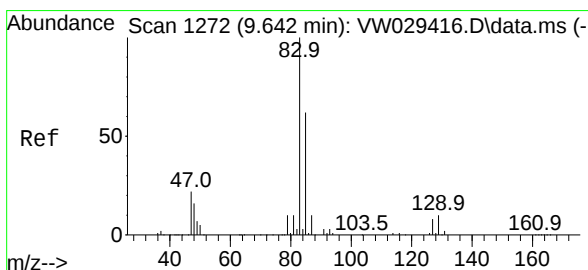
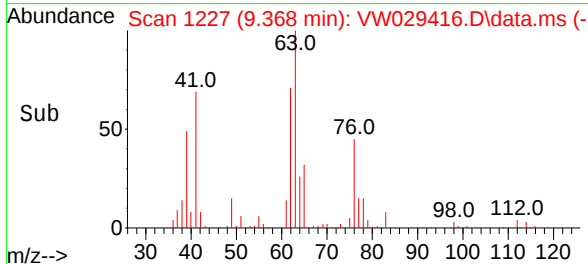
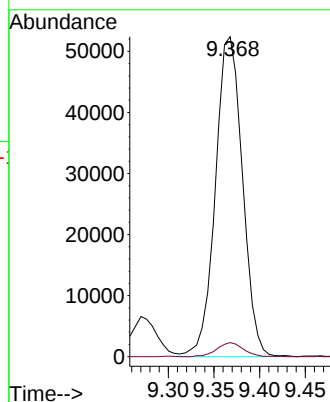
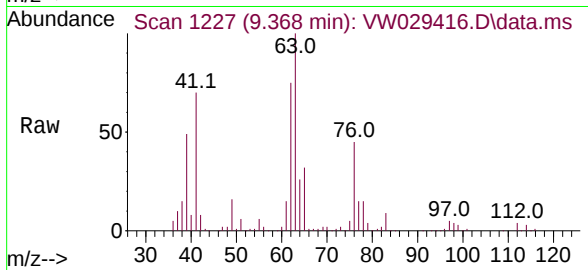
ClientSampleId :

Tgt Ion: 63 Resp: 107990

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 23.615 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

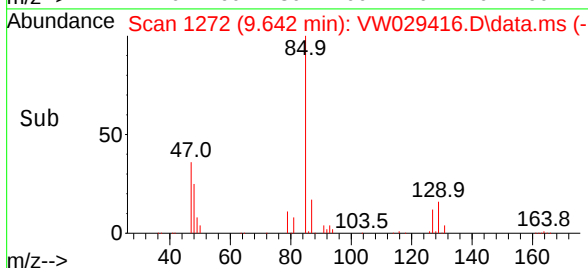
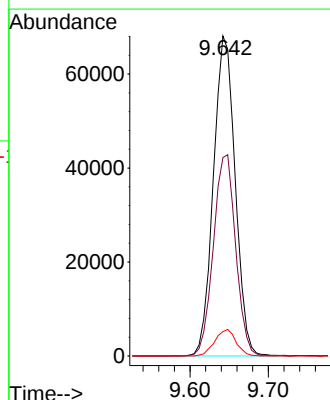
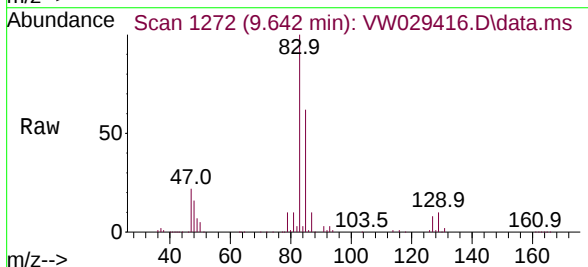
Tgt Ion: 83 Resp: 131777

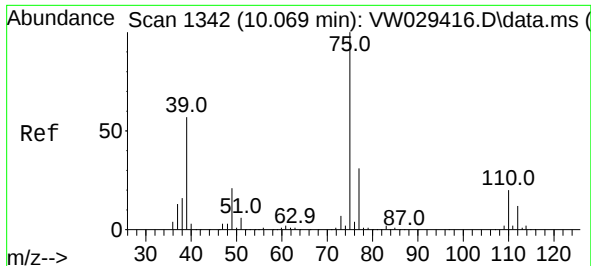
Ion Ratio Lower Upper

83 100

85 62.0 45.1 83.9

127 7.6 5.8 8.6

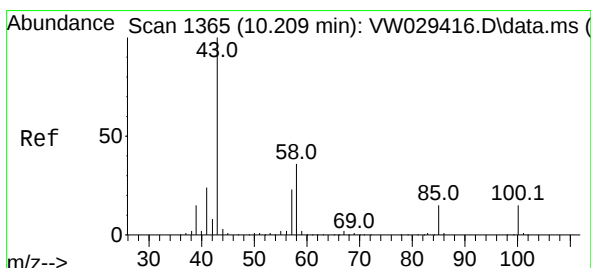
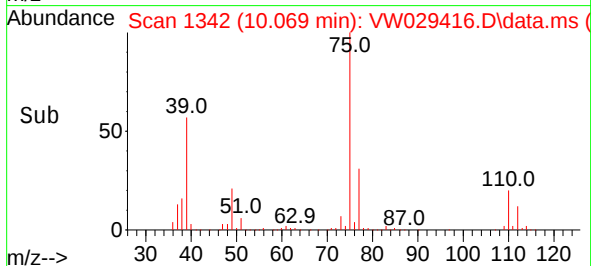
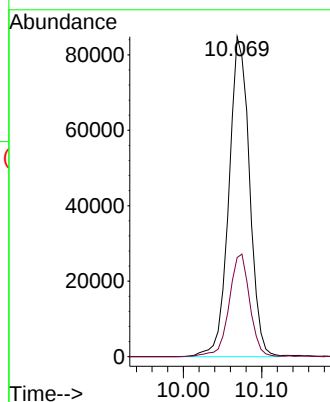
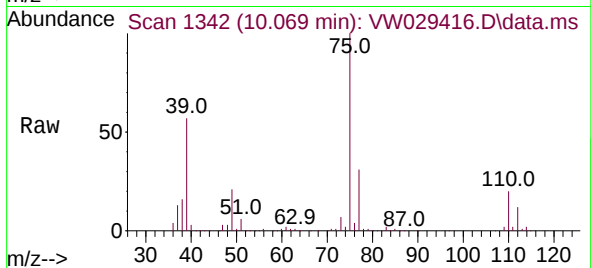




#39
cis-1,3-Dichloropropene
Concen: 24.024 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

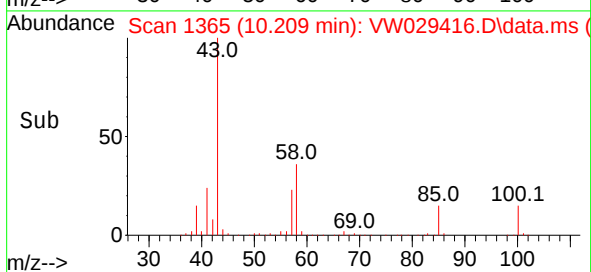
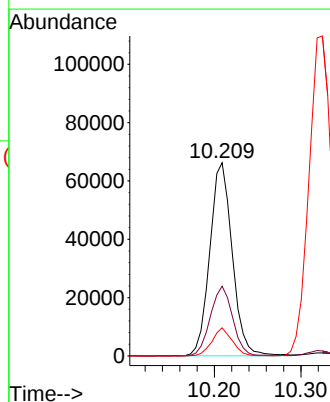
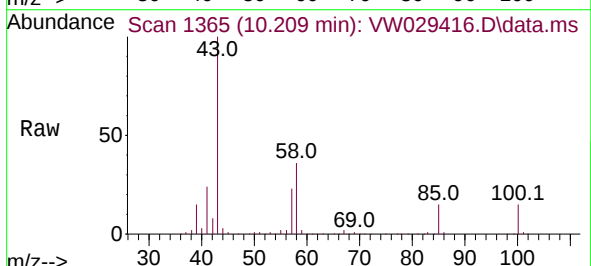
Instrument :
MSVOA_W
ClientSampleId :

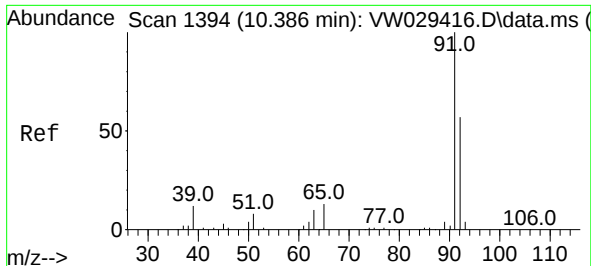
Tgt Ion: 75 Resp: 154994
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 42.085 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion: 43 Resp: 119051
Ion Ratio Lower Upper
43 100
58 36.2 28.2 42.4
100 13.3 11.0 16.4





#42

Toluene

Concen: 24.775 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

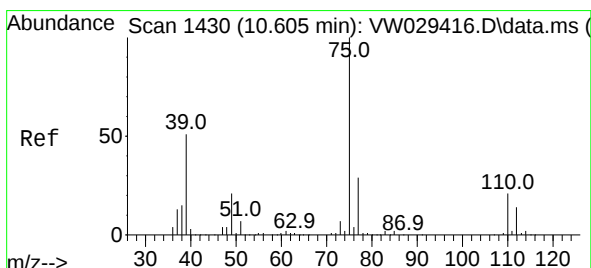
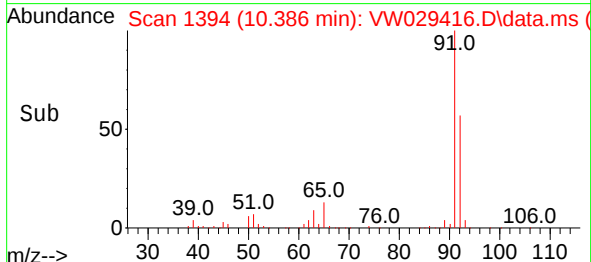
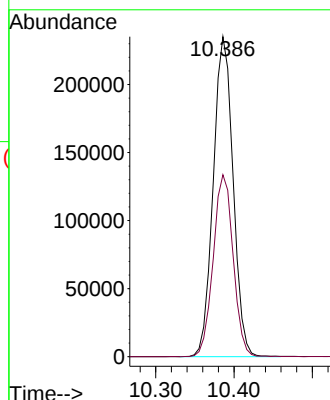
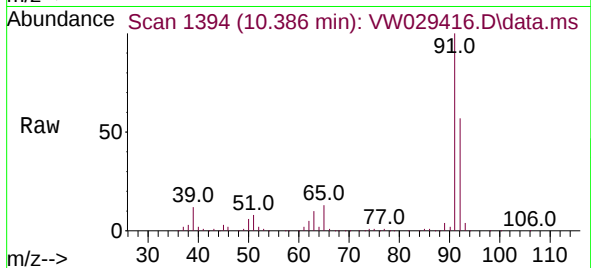
ClientSampleId :

Tgt Ion: 91 Resp: 413696

Ion Ratio Lower Upper

91 100

92 56.8 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 23.663 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029416.D

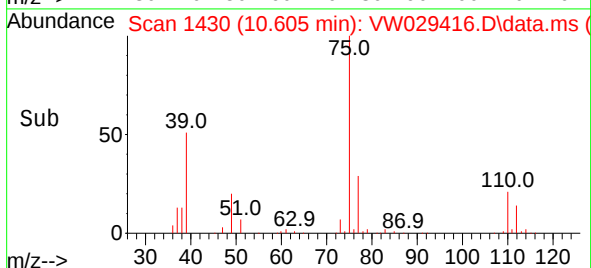
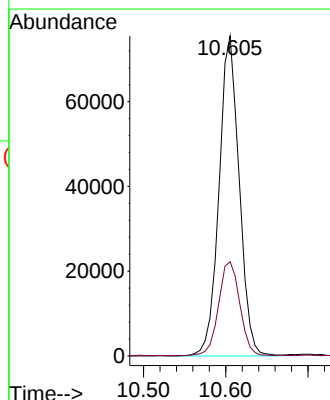
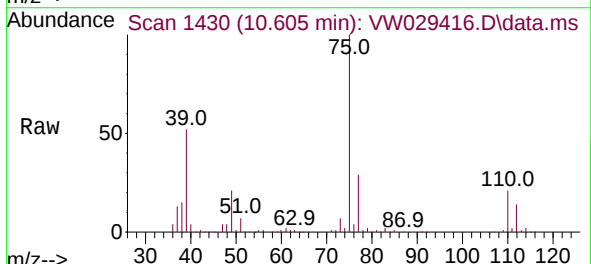
Acq: 01 Jul 2024 08:46

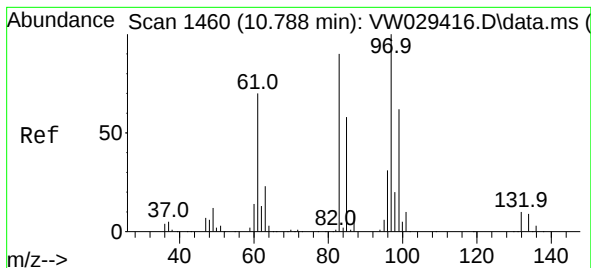
Tgt Ion: 75 Resp: 128908

Ion Ratio Lower Upper

75 100

77 29.5 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 22.314 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 70929

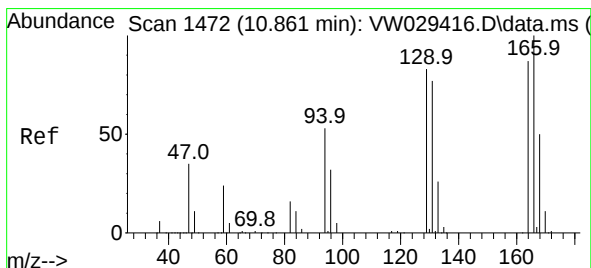
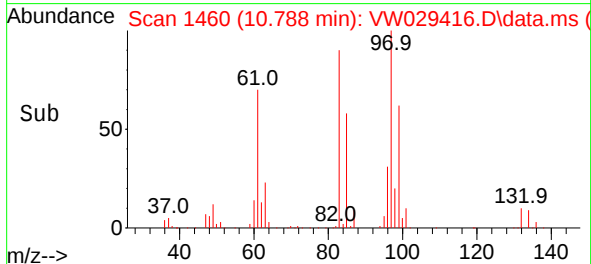
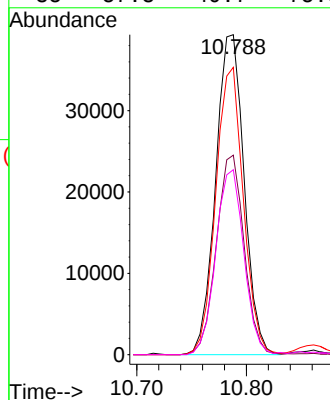
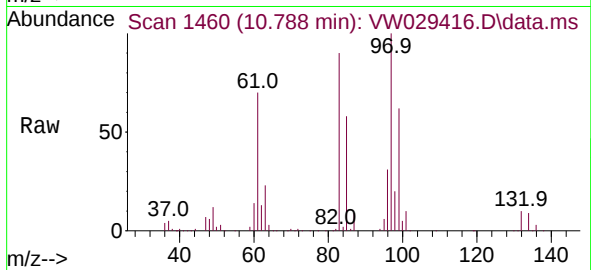
Ion Ratio Lower Upper

97 100

99 62.4 42.3 78.5

83 89.8 57.7 107.1

85 57.8 40.7 75.5



#46

Tetrachloroethene

Concen: 24.882 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Tgt Ion:164 Resp: 75373

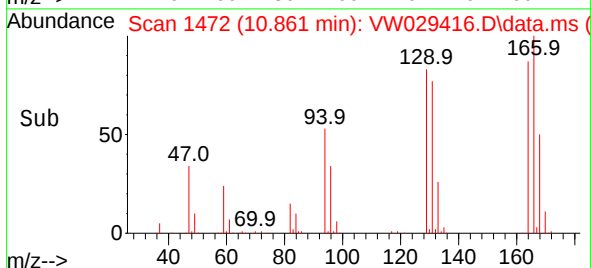
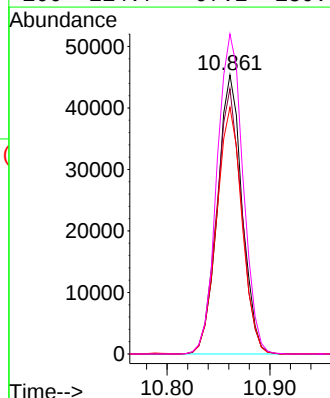
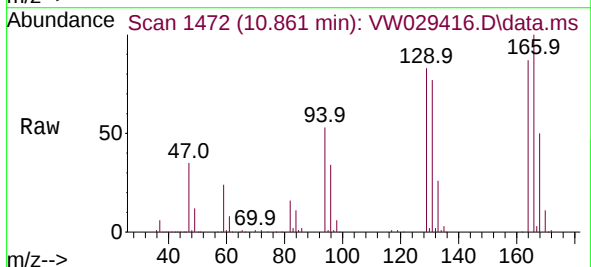
Ion Ratio Lower Upper

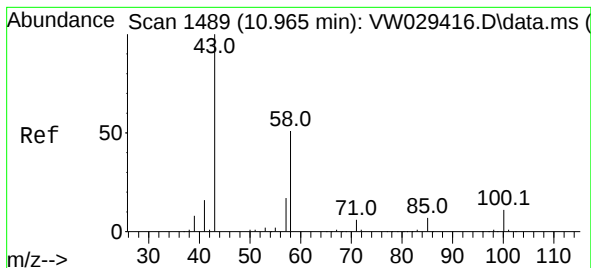
164 100

129 95.0 68.5 127.3

131 88.4 71.8 133.4

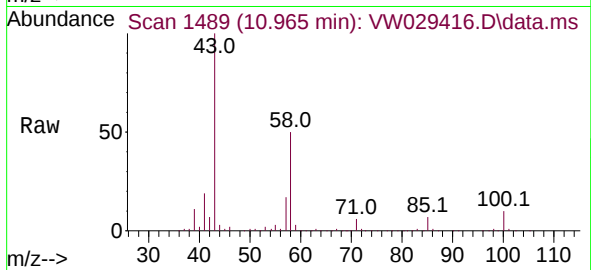
166 114.7 97.2 180.4



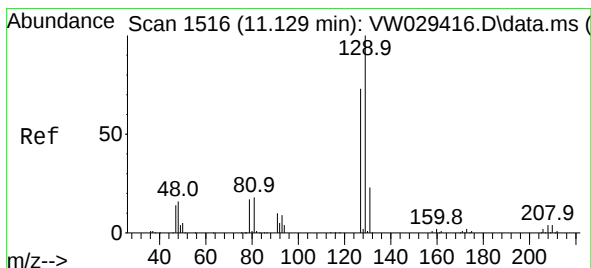
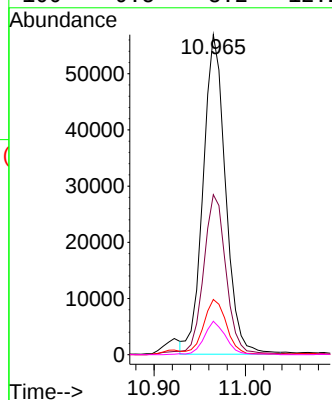
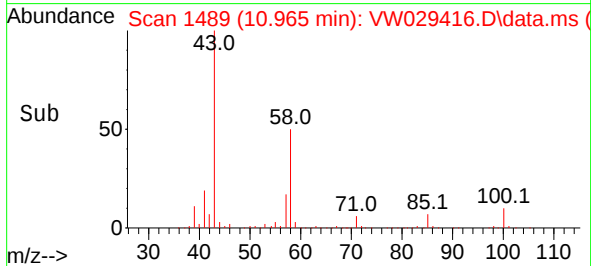


#48
2-Hexanone
Concen: 48.268 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Instrument :
MSVOA_W
ClientSampleId :

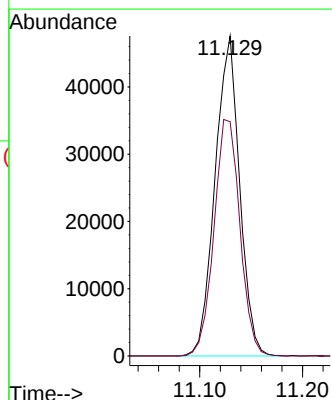
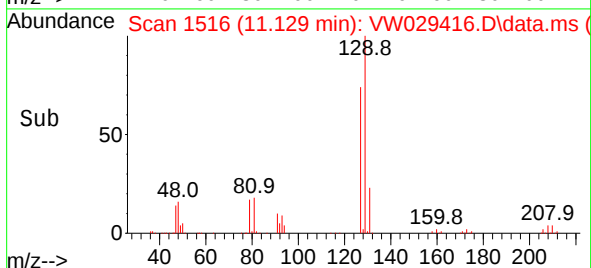
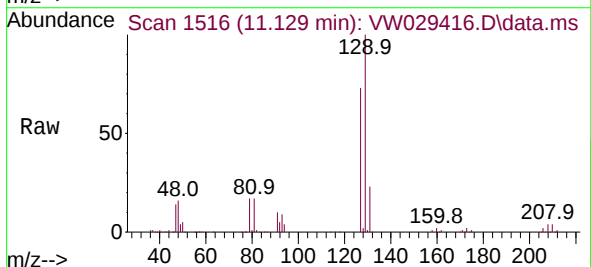


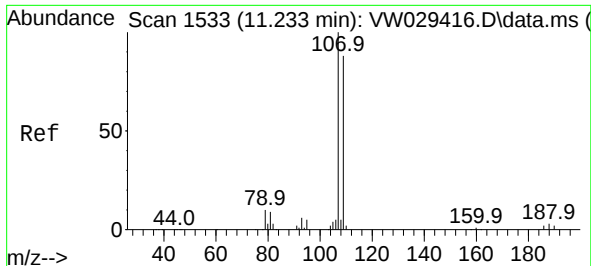
Tgt Ion: 43 Resp: 96887
Ion Ratio Lower Upper
43 100
58 50.8 39.6 59.4
57 17.8 14.6 21.8
100 9.5 8.2 12.2



#49
Dibromochloromethane
Concen: 23.774 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion:129 Resp: 78995
Ion Ratio Lower Upper
129 100
127 73.2 54.8 101.8





#50

1,2-Dibromoethane

Concen: 22.197 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029416.D

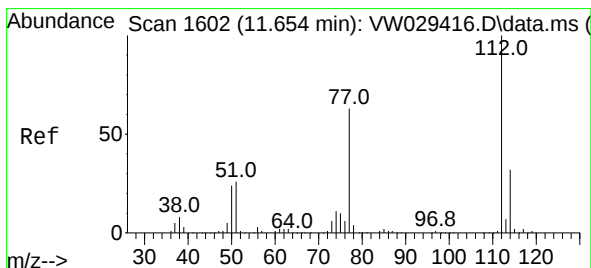
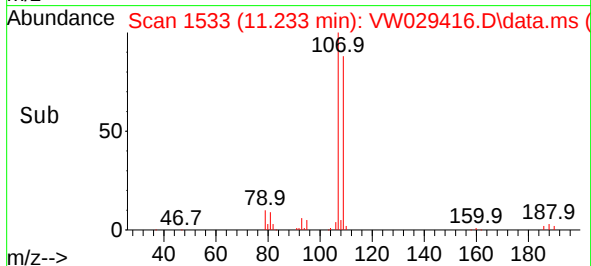
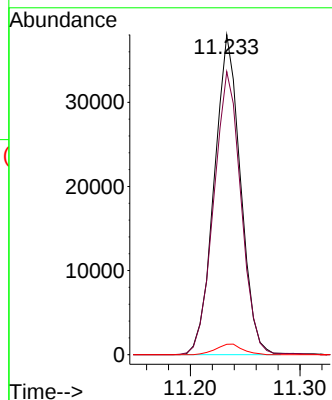
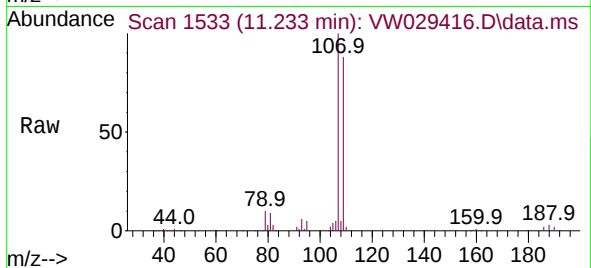
Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	63336
Ion	Ratio	Lower	Upper
107	100		
109	88.5	65.5	121.6
188	3.2	2.6	4.0



#51

Chlorobenzene

Concen: 22.946 ug/L

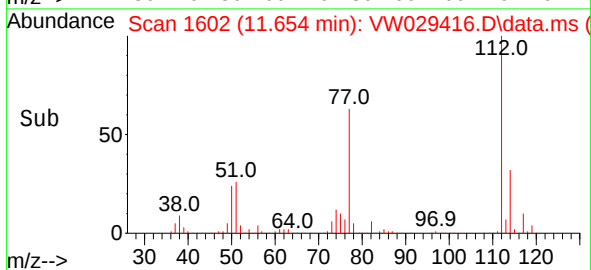
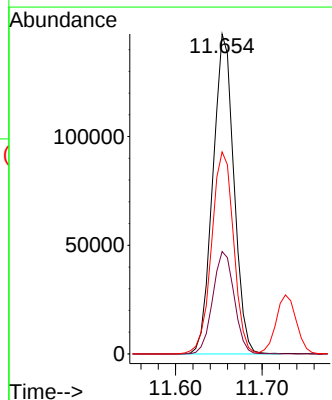
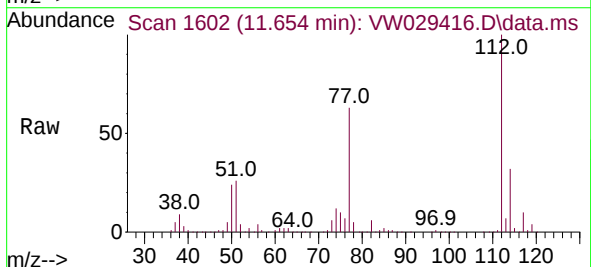
RT: 11.654 min Scan# 1602

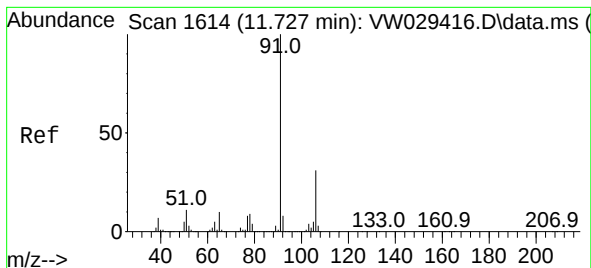
Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Tgt Ion:	112	Resp:	248805
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.6	42.0
77	63.1	51.0	76.6

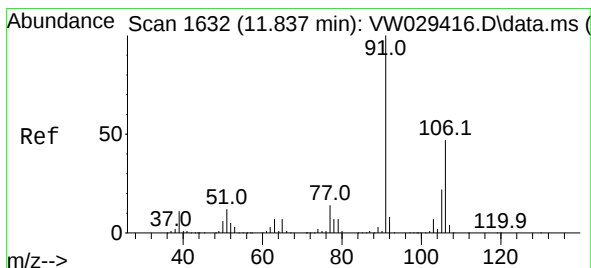
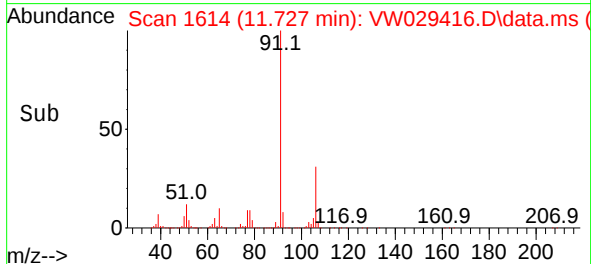
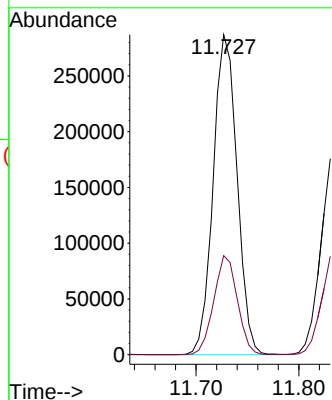
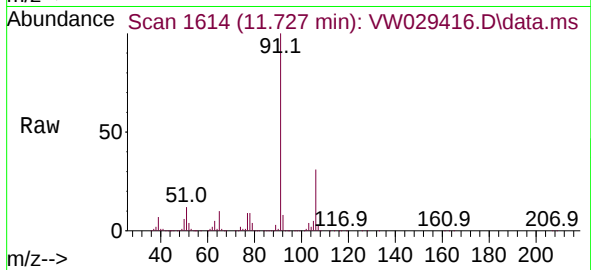




#52
Ethylbenzene
Concen: 24.419 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

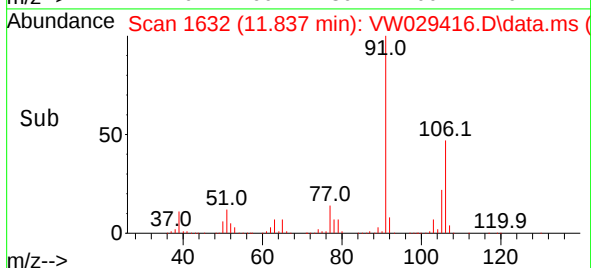
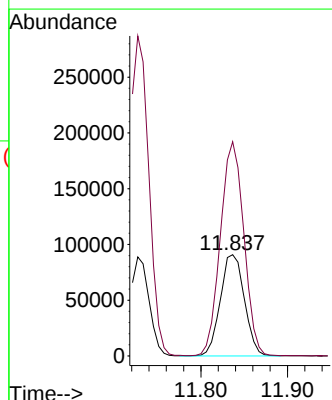
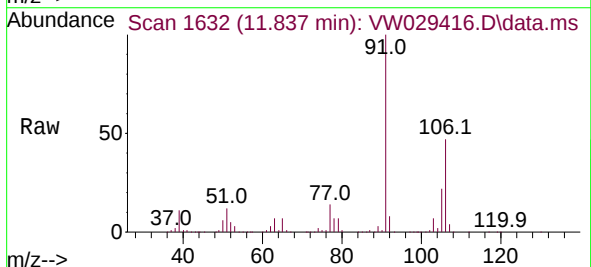
Instrument :
MSVOA_W
ClientSampleId :

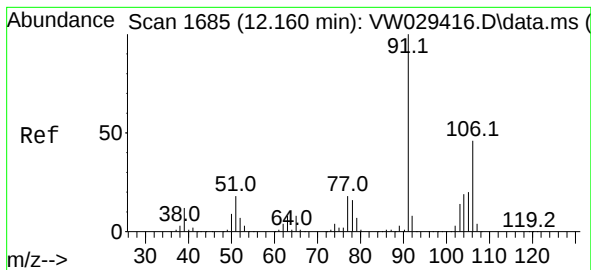
Tgt Ion: 91 Resp: 462834
Ion Ratio Lower Upper
91 100
106 30.9 19.9 37.0



#53
m,p-Xylene
Concen: 25.322 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion: 106 Resp: 175315
Ion Ratio Lower Upper
106 100
91 211.6 140.5 260.9

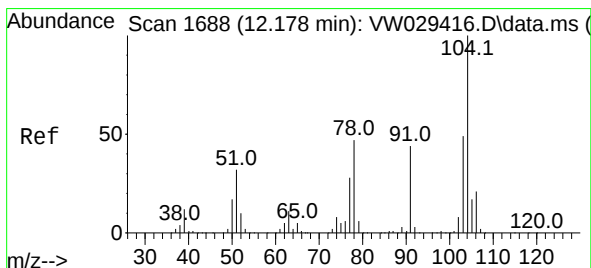
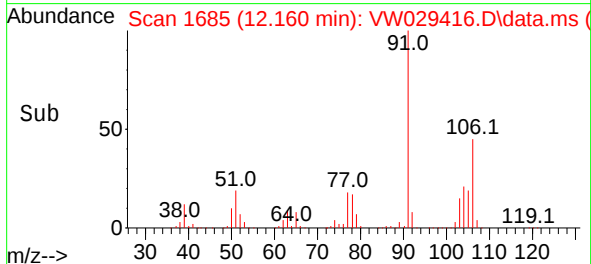
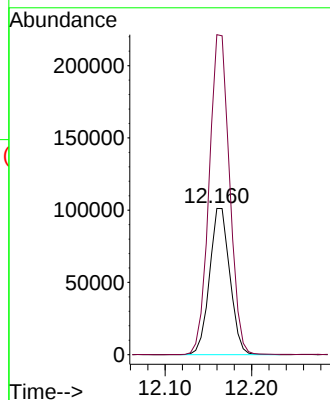
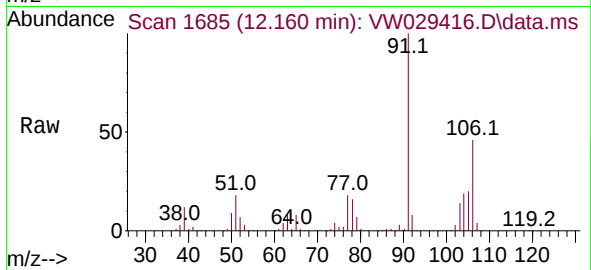




#54
o-Xylene
Concen: 25.430 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

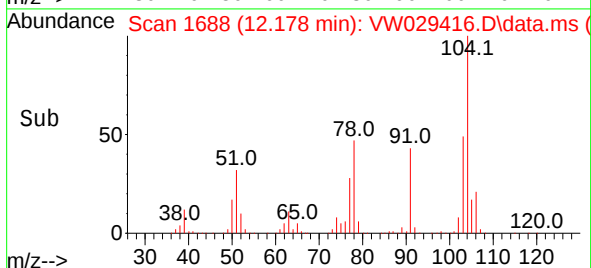
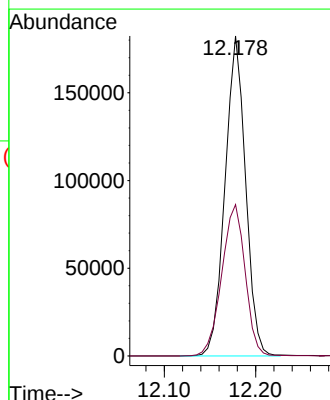
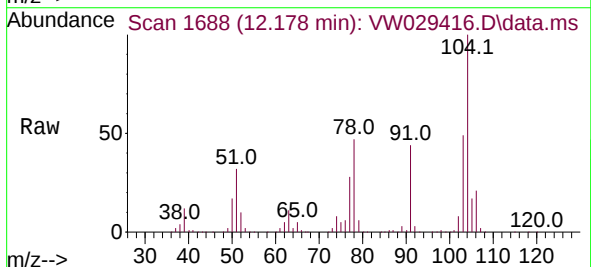
Instrument :
MSVOA_W
ClientSampleId :

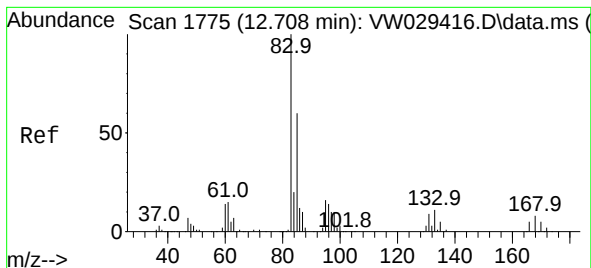
Tgt Ion:106 Resp: 164541
Ion Ratio Lower Upper
106 100
91 218.8 149.9 278.5



#55
Styrene
Concen: 25.273 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion:104 Resp: 285121
Ion Ratio Lower Upper
104 100
78 47.3 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 21.247 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

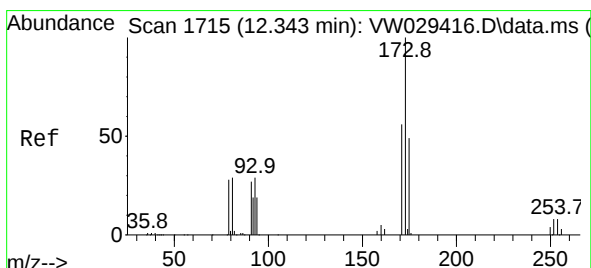
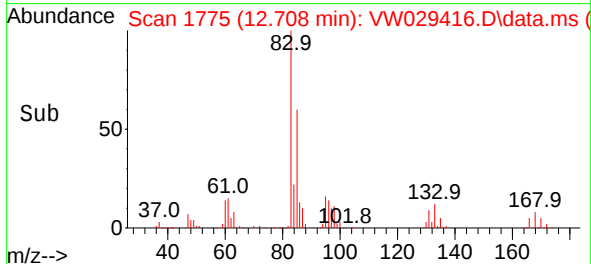
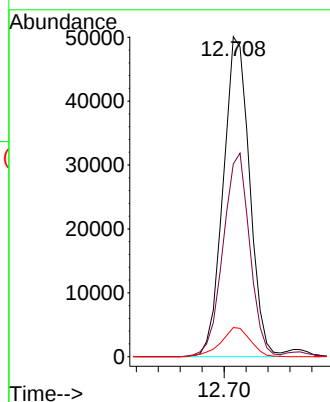
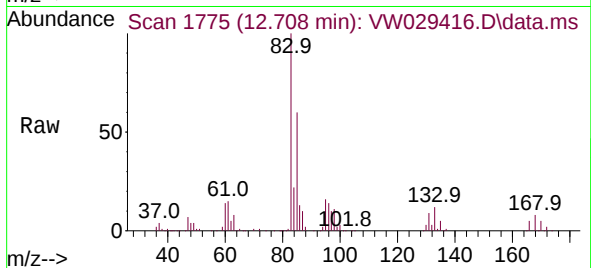
Tgt Ion: 83 Resp: 83542

Ion Ratio Lower Upper

83 100

85 60.3 45.8 85.0

131 9.1 7.8 11.6



#59

Bromoform

Concen: 22.437 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

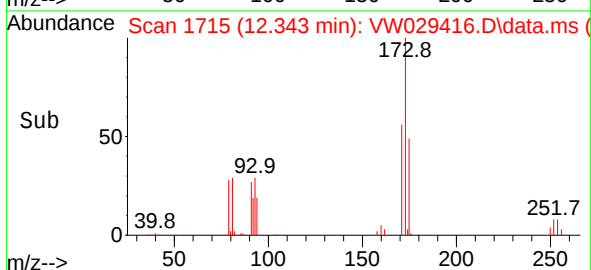
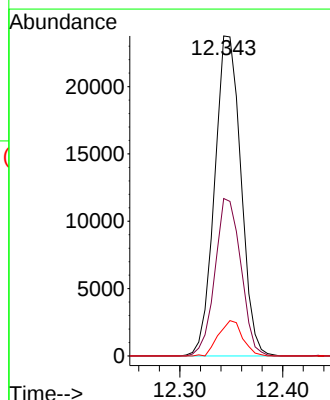
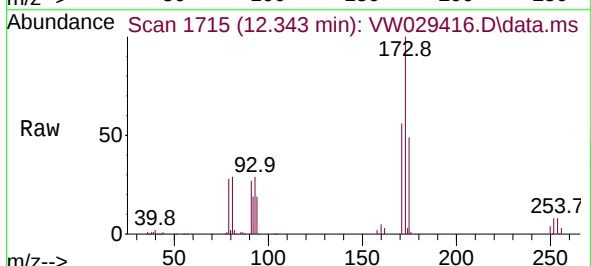
Tgt Ion: 173 Resp: 42171

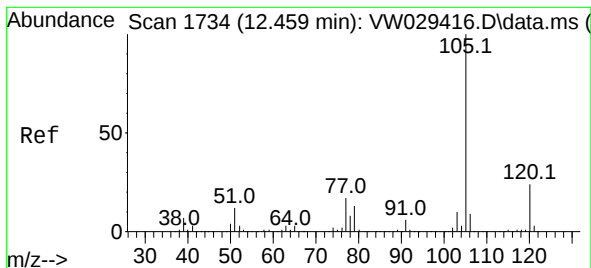
Ion Ratio Lower Upper

173 100

175 48.6 37.8 56.8

254 10.1 7.8 11.6





#60

Isopropylbenzene

Concen: 25.296 ug/L

RT: 12.459 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

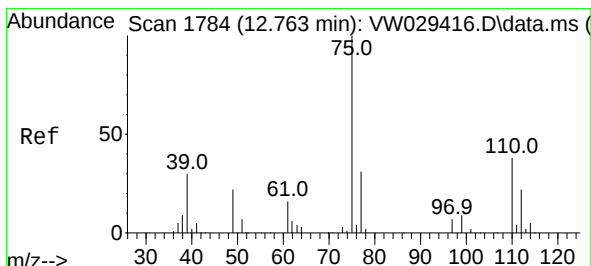
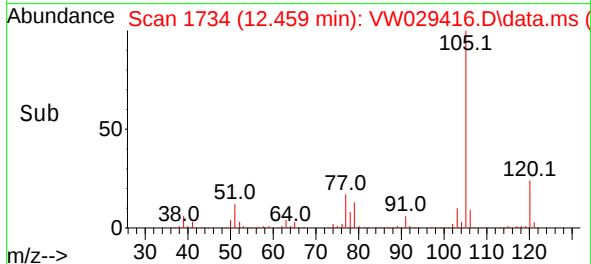
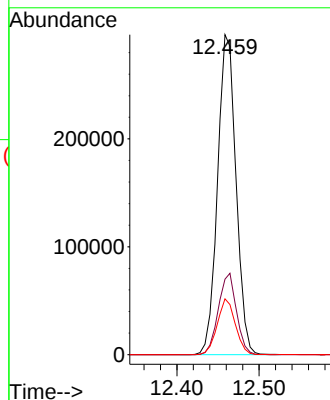
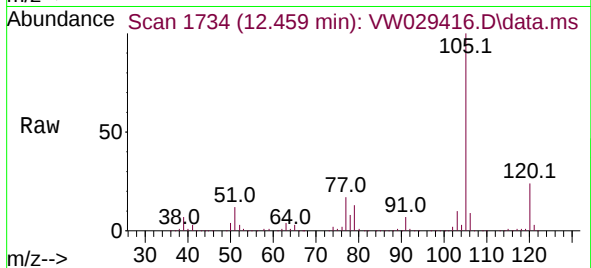
Tgt Ion:105 Resp: 462221

Ion Ratio Lower Upper

105 100

120 25.0 20.5 30.7

77 17.1 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 20.450 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

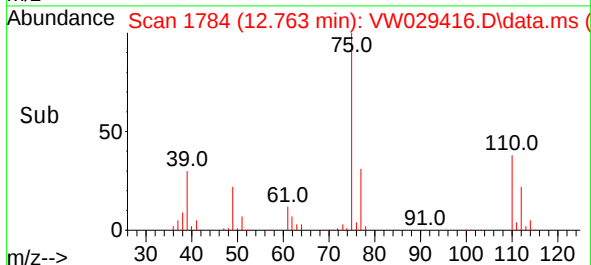
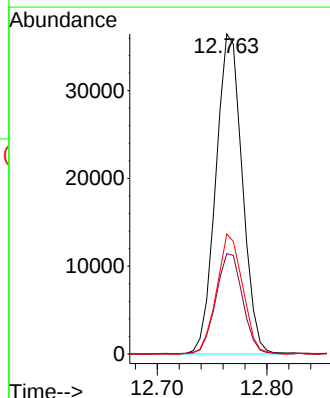
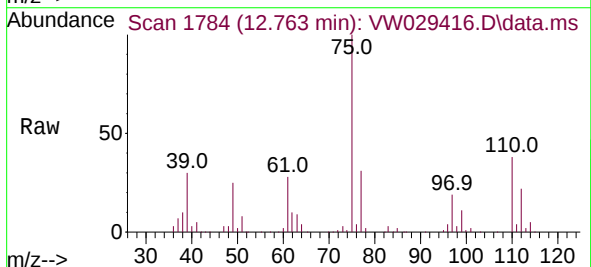
Tgt Ion: 75 Resp: 61169

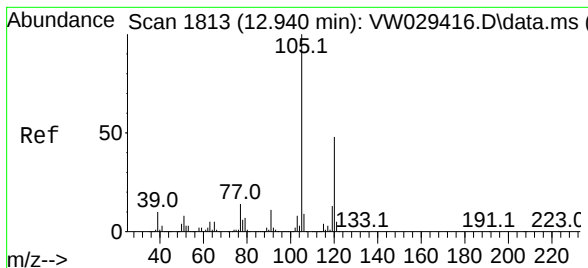
Ion Ratio Lower Upper

75 100

77 31.9 26.6 39.8

110 36.8 29.5 44.3

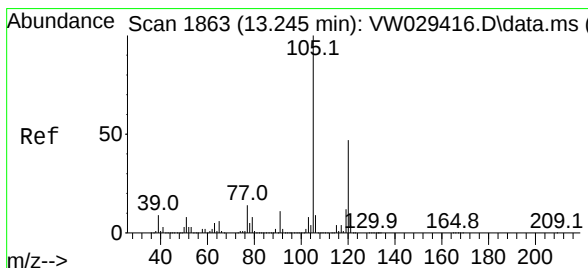
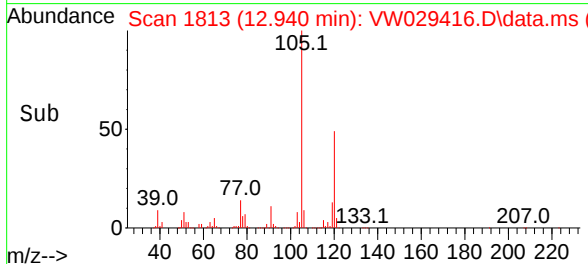
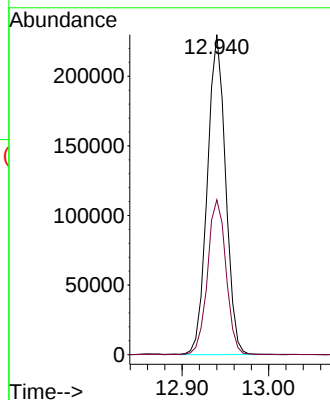
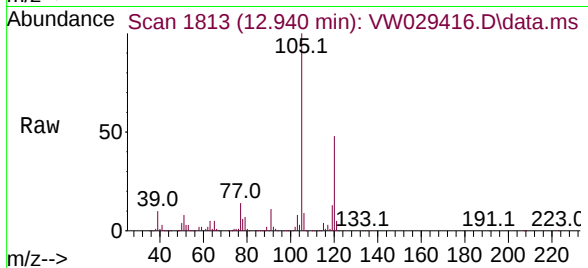




#62
1,3,5-Trimethylbenzene
Concen: 25.410 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

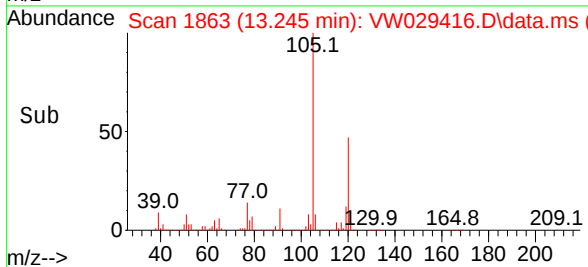
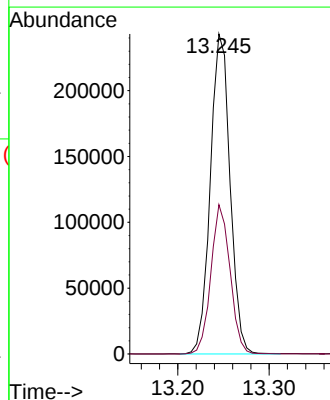
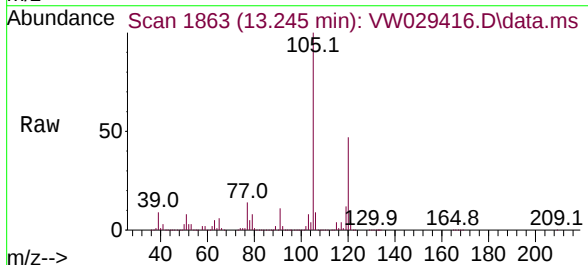
Instrument :
MSVOA_W
ClientSampleId :

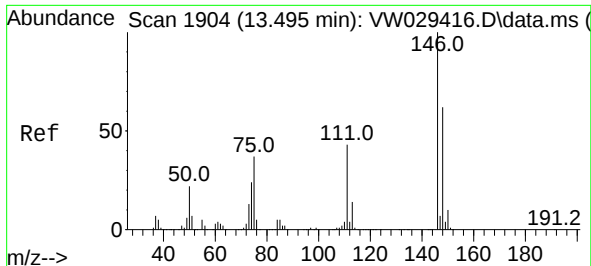
Tgt Ion:105 Resp: 336264
Ion Ratio Lower Upper
105 100
120 49.0 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 25.536 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion:105 Resp: 363589
Ion Ratio Lower Upper
105 100
120 45.3 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 24.012 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

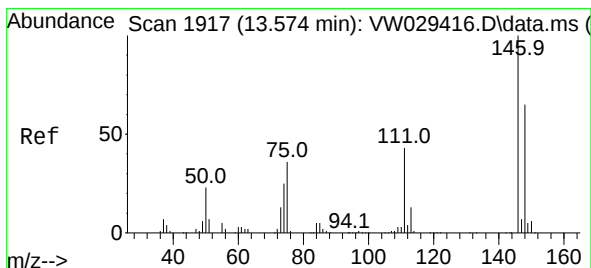
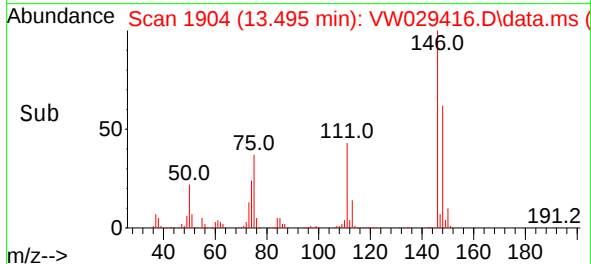
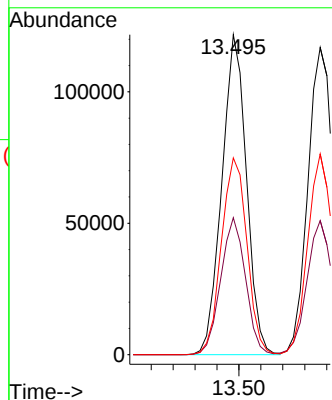
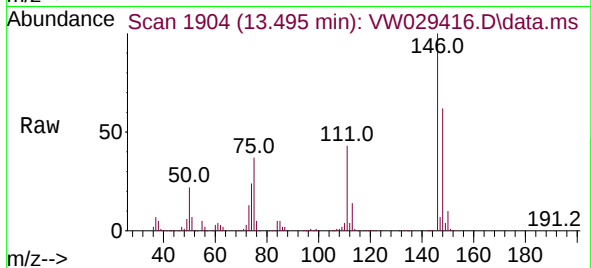
Tgt Ion:146 Resp: 189878

Ion Ratio Lower Upper

146 100

111 42.8 33.0 61.2

148 61.5 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 22.633 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

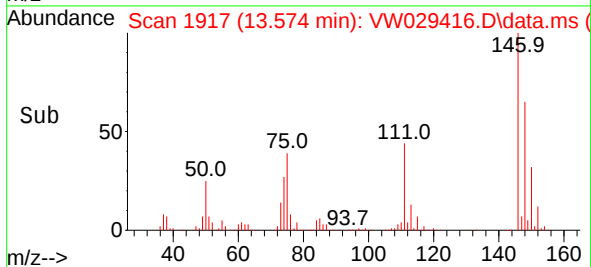
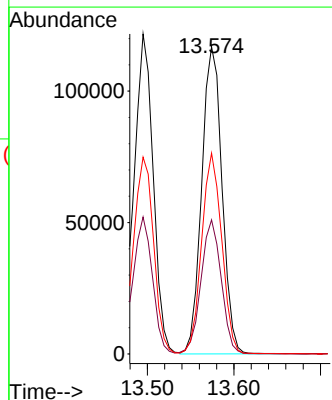
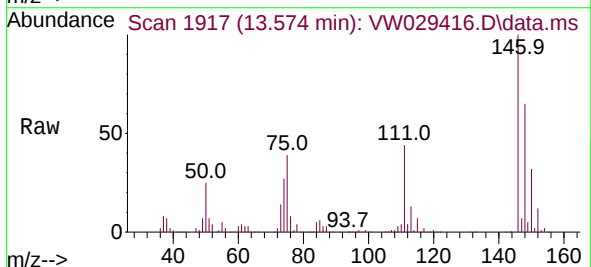
Tgt Ion:146 Resp: 190422

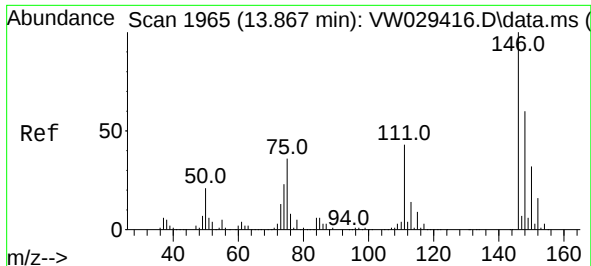
Ion Ratio Lower Upper

146 100

111 43.6 28.9 53.7

148 65.4 42.0 78.0

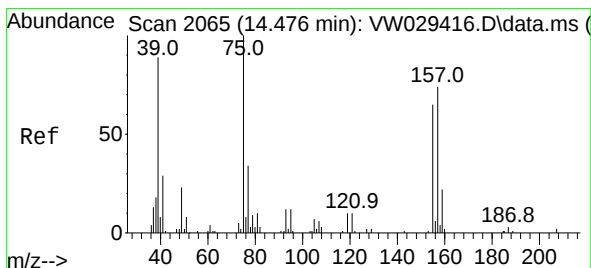
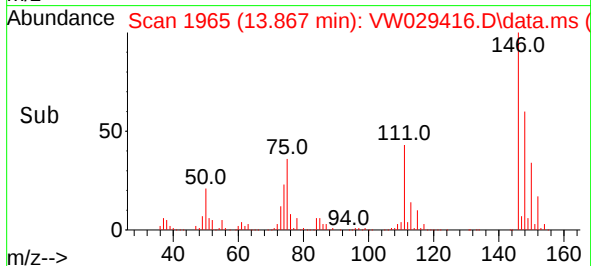
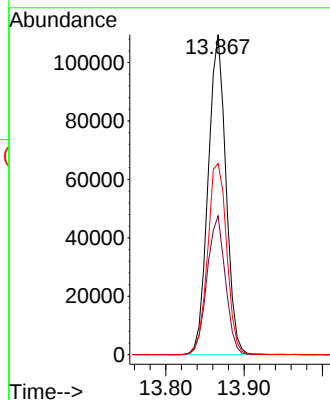
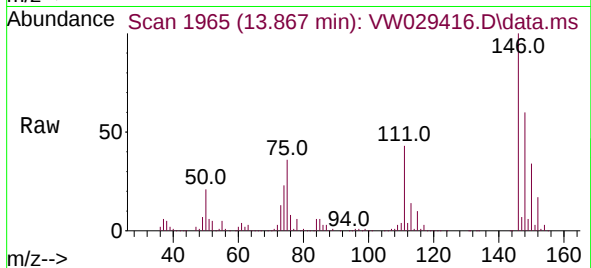




#67
1,2-Dichlorobenzene
Concen: 23.592 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

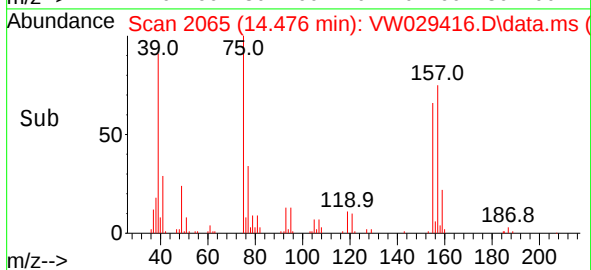
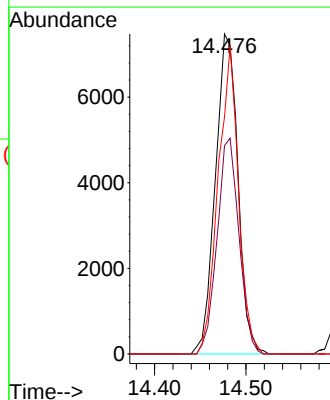
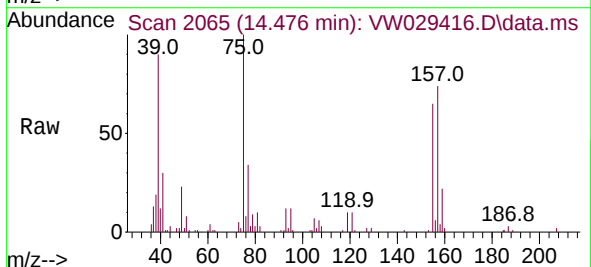
Instrument :
MSVOA_W
ClientSampleId :

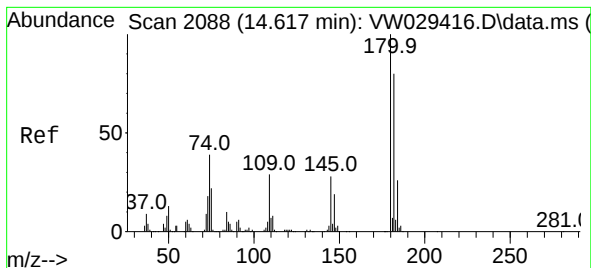
Tgt Ion:146 Resp: 172462
Ion Ratio Lower Upper
146 100
111 43.4 34.2 51.4
148 59.8 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 18.353 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029416.D
Acq: 01 Jul 2024 08:46

Tgt Ion: 75 Resp: 12811
Ion Ratio Lower Upper
75 100
155 65.1 51.0 76.6
157 74.1 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 24.057 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

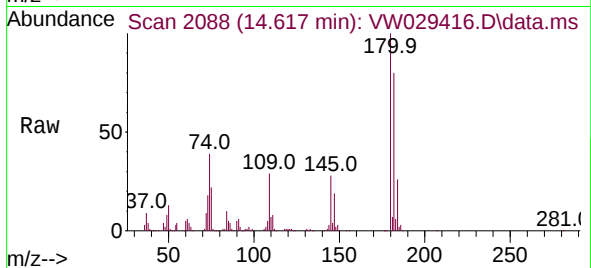
Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 128384

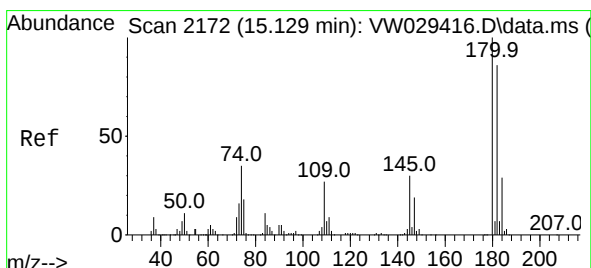
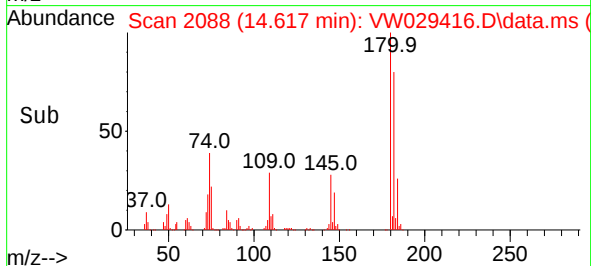
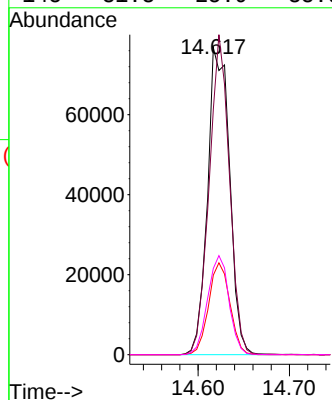
Ion Ratio Lower Upper

180 100

182 95.6 72.9 109.3

184 28.9 23.8 35.6

145 31.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 23.707 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

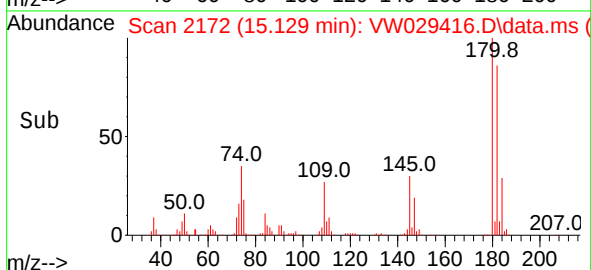
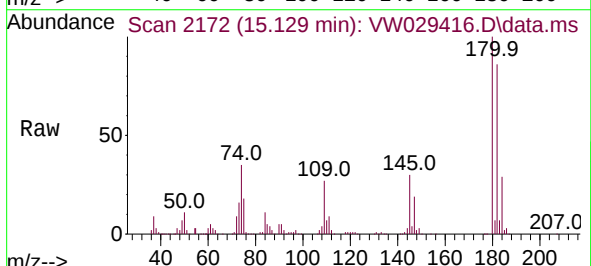
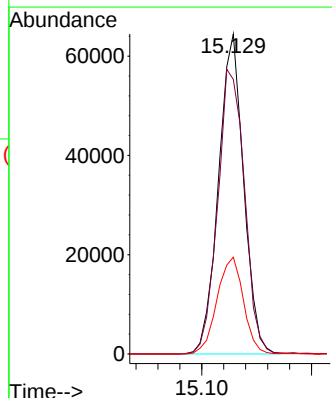
Tgt Ion:180 Resp: 102562

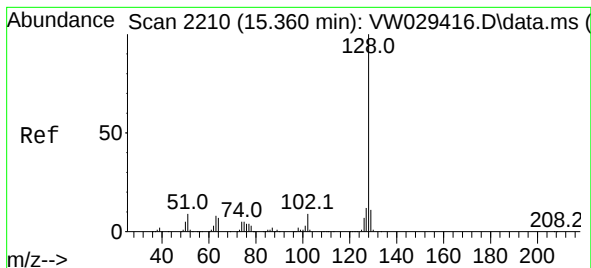
Ion Ratio Lower Upper

180 100

182 95.1 77.7 116.5

145 31.7 25.7 38.5





#71

Naphthalene

Concen: 20.947 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Instrument :

MSVOA_W

ClientSampleId :

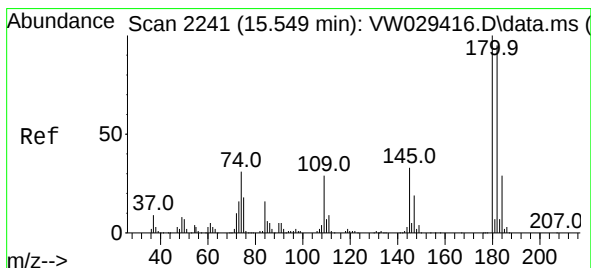
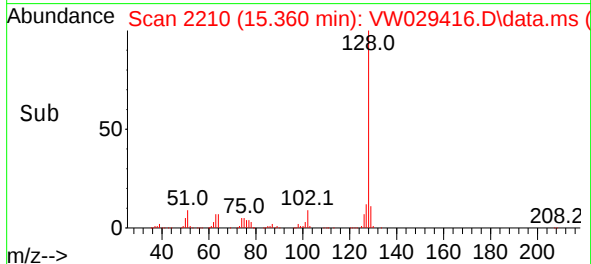
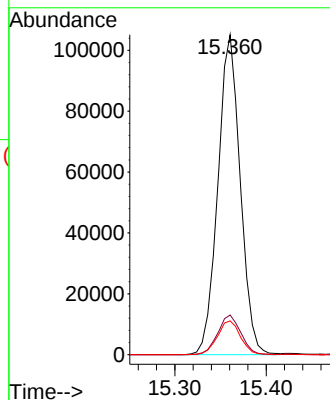
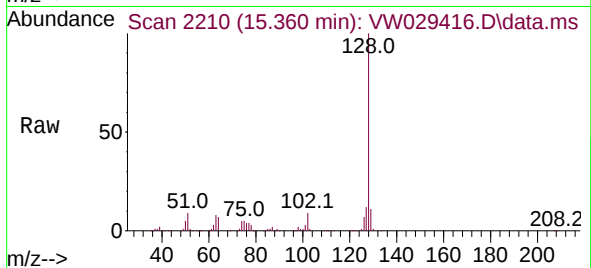
Tgt Ion:128 Resp: 178859

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 10.9 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 22.971 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029416.D

Acq: 01 Jul 2024 08:46

Tgt Ion:180 Resp: 90548

Ion Ratio Lower Upper

180 100

182 94.8 73.0 109.6

145 33.3 28.1 42.1

