

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070124\
 Data File : VW029434.D
 Acq On : 01 Jul 2024 18:04
 Operator : SY/MD
 Sample : P3125-03MSD
 Misc : 5.64g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 02 08:13:10 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	428227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	322914	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.549	152	119995	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	101122	17.061	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.240%
7) Chloroethane-d5	2.899	69	89373	17.856	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.440%
11) 1,1-Dichloroethene-d2	4.021	65	52504	18.346	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.400%
21) 2-Butanone-d5	7.075	46	80853	45.594	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.180%
24) Chloroform-d	7.648	84	269049	21.062	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.240%
26) 1,2-Dichloroethane-d4	8.307	65	147092	20.055	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.240%
32) Benzene-d6	8.276	84	497295	25.354	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	9.270	67	165271	26.508	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.040%
41) Toluene-d8	10.318	98	415836	23.963	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.840%
43) trans-1,3-Dichloroprop...	10.574	79	56387	22.443	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.760%
47) 2-Hexanone-d5	10.922	63	51781	52.979	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.960%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	115972	23.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	92484	22.204	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	74116	17.740	ug/L	97
3) Chloromethane	2.228	50	105904	17.778	ug/L	99
5) Vinyl chloride	2.375	62	128857	18.836	ug/L	93
6) Bromomethane	2.789	94	71307	17.342	ug/L	95
8) Chloroethane	2.936	64	84445	20.181	ug/L	97
9) Trichlorofluoromethane	3.271	101	125766	23.712	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	107449	18.374	ug/L #	88
12) 1,1-Dichloroethene	4.045	96	109167	22.001	ug/L	89
13) Acetone	4.118	43	46658	30.961	ug/L	97
14) Carbon disulfide	4.393	76	273718	16.899	ug/L	99
15) Methyl Acetate	4.667	43	54348	18.166	ug/L	99
16) Methylene chloride	4.917	84	134347	17.842	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	115937	21.040	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	220355	24.995	ug/L	99
19) 1,1-Dichloroethane	6.222	63	270508	22.729	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	136925	22.534	ug/L	99
22) 2-Butanone	7.166	43	76668	37.113	ug/L	98
23) Bromochloromethane	7.520	128	57349	21.201	ug/L	91
25) Chloroform	7.679	83	266795	22.957	ug/L	94

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 Response via : Initial Calibration

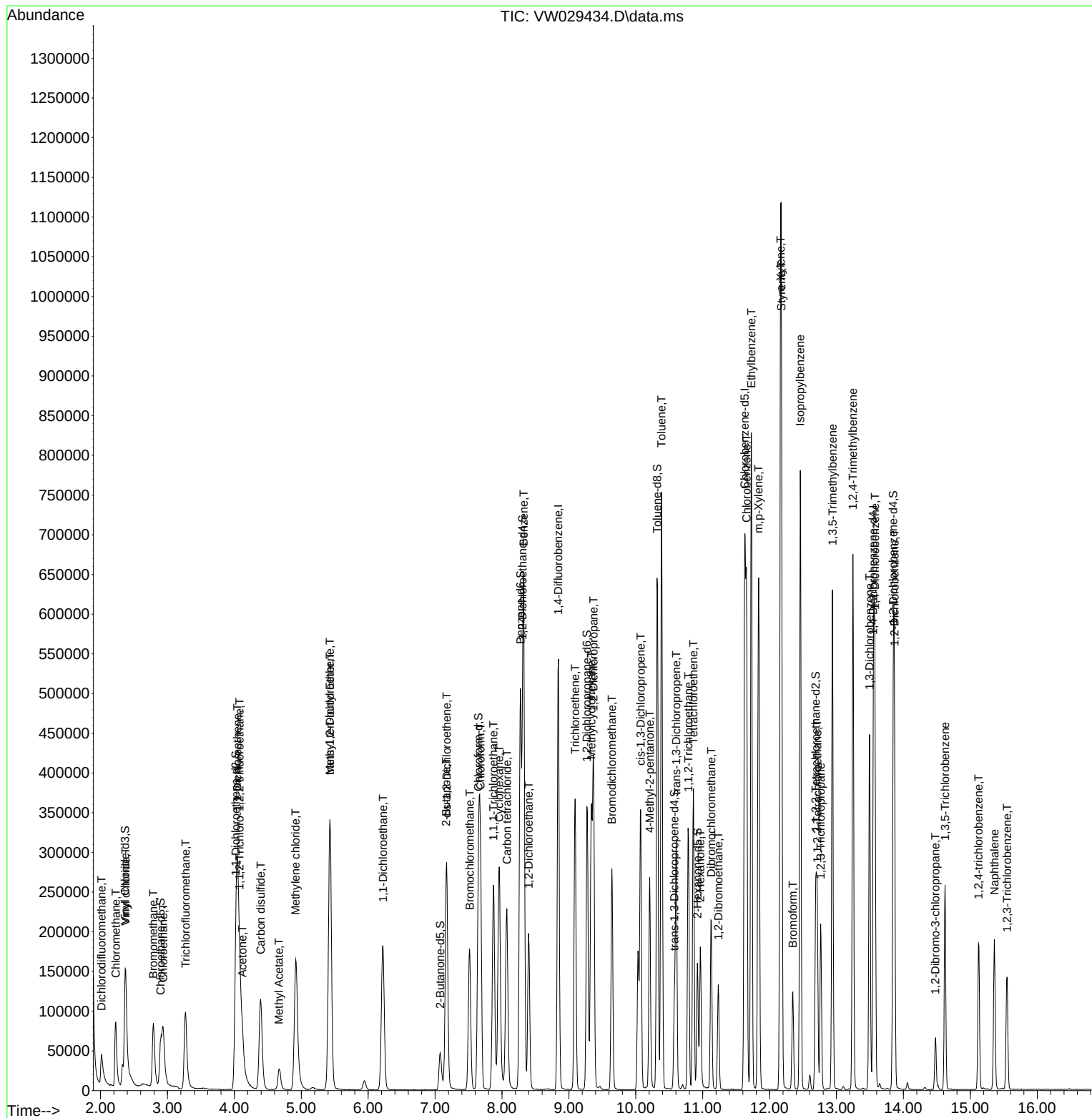
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	179760	20.973	ug/L	99
29) Cyclohexane	7.959	56	163908	22.203	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	203959	28.404	ug/L	97
31) Carbon tetrachloride	8.075	117	170270	25.958	ug/L	98
33) Benzene	8.325	78	533636	27.504	ug/L	100
34) Trichloroethene	9.093	95	131514	25.407	ug/L	97
35) Methylcyclohexane	9.337	83	128857	15.828	ug/L	99
37) 1,2-Dichloropropane	9.367	63	151232	27.739	ug/L	99
38) Bromodichloromethane	9.642	83	180867	27.133	ug/L	99
39) cis-1,3-Dichloropropene	10.075	75	203735	26.436	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	179985	53.263	ug/L	98
42) Toluene	10.385	91	521951	26.168	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	165186	25.384	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	99393	26.176	ug/L	98
46) Tetrachloroethene	10.861	164	82786	22.878	ug/L	90
48) 2-Hexanone	10.965	43	116611	48.633	ug/L	99
49) Dibromochloromethane	11.129	129	106899	26.932	ug/L	99
50) 1,2-Dibromoethane	11.233	107	85295	25.024	ug/L	97
51) Chlorobenzene	11.653	112	304921	23.541	ug/L	99
52) Ethylbenzene	11.727	91	555055	24.515	ug/L	98
53) m,p-Xylene	11.836	106	197585	23.891	ug/L	97
54) o-Xylene	12.166	106	194006	25.100	ug/L	98
55) Styrene	12.178	104	314847	23.363	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.714	83	110413	23.508	ug/L	96
59) Bromoform	12.348	173	55621	33.820	ug/L	99
60) Isopropylbenzene	12.458	105	468347	29.292	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	84085	32.127	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	313991	27.116	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	343349	27.559	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	170185	24.596	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	175767	23.875	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	155829	24.361	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	17317	28.352	ug/L	87
69) 1,3,5-Trichlorobenzene	14.622	180	68571	14.684	ug/L	92
70) 1,2,4-trichlorobenzene	15.122	180	54672	14.443	ug/L	99
71) Naphthalene	15.360	128	150473	20.140	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	45255	13.121	ug/L	99

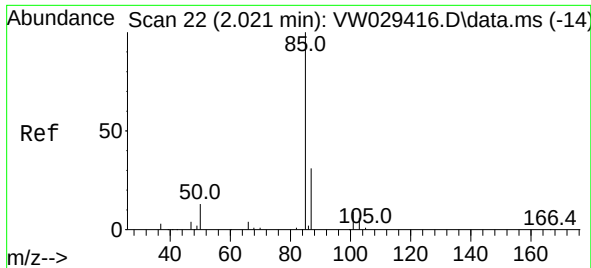
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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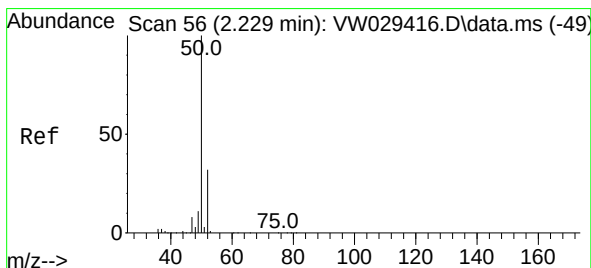
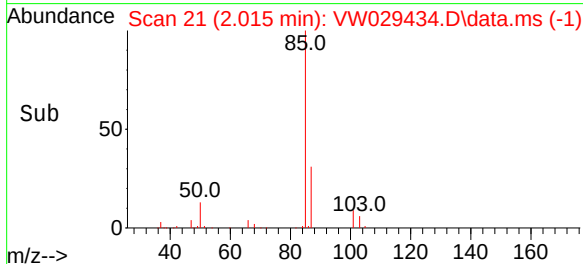
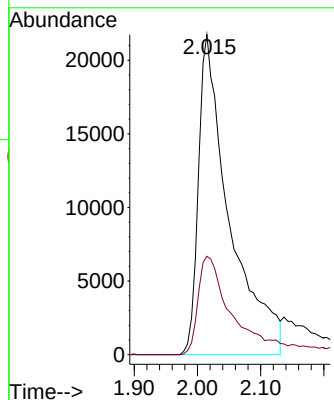
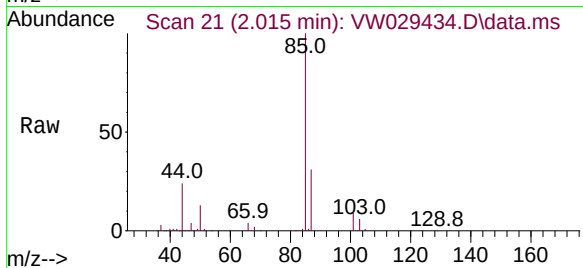




#2
 Dichlorodifluoromethane
 Concen: 17.740 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029434.D
 Acq: 01 Jul 2024 18:04

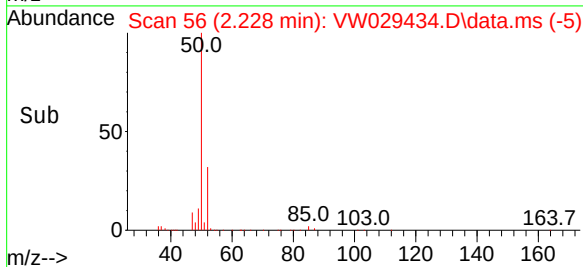
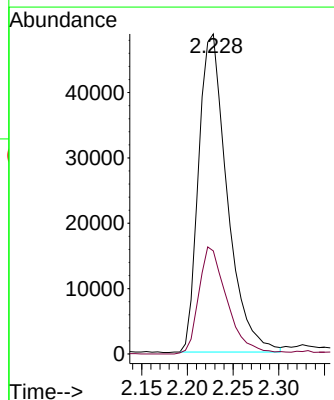
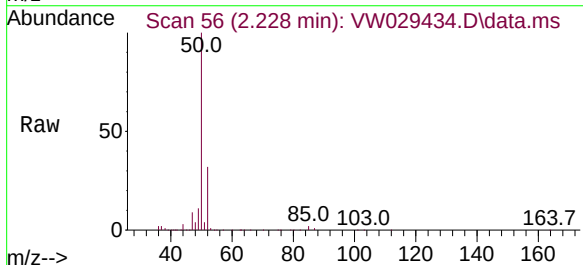
Instrument :
 MSVOA_W
 ClientSampleId :

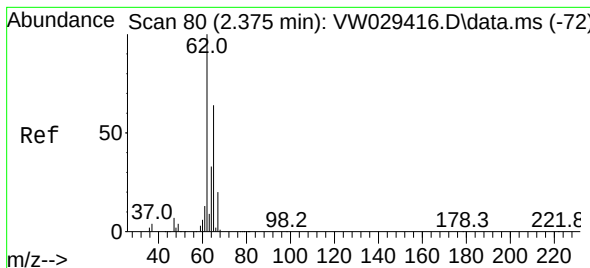
Tgt Ion: 85 Resp: 74116
 Ion Ratio Lower Upper
 85 100
 87 31.1 23.8 35.6



#3
 Chloromethane
 Concen: 17.778 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.012 min
 Lab File: VW029434.D
 Acq: 01 Jul 2024 18:04

Tgt Ion: 50 Resp: 105904
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.3 41.5





#5

Vinyl chloride

Concen: 18.836 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

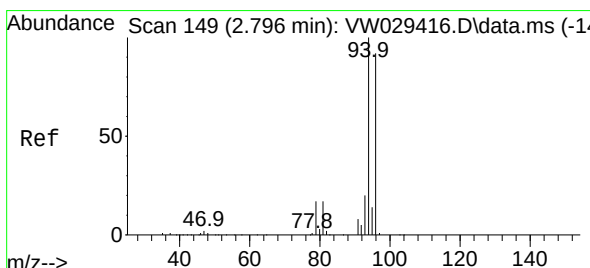
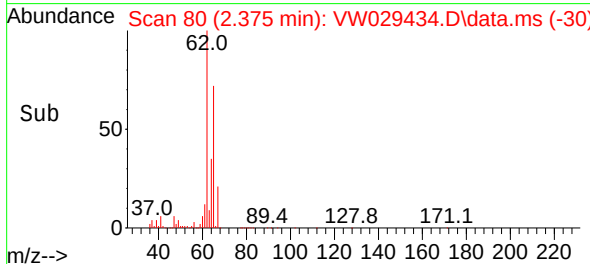
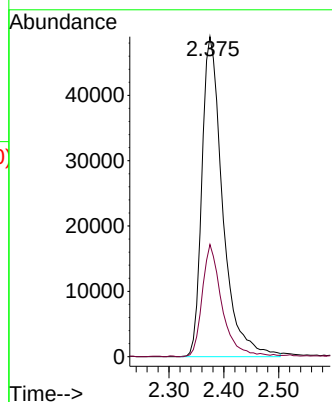
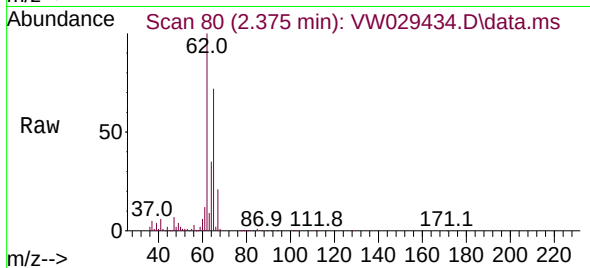
ClientSampleId :

Tgt Ion: 62 Resp: 128857

Ion Ratio Lower Upper

62 100

64 35.0 22.0 40.8



#6

Bromomethane

Concen: 17.342 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029434.D

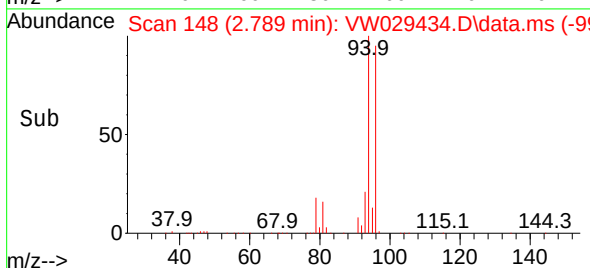
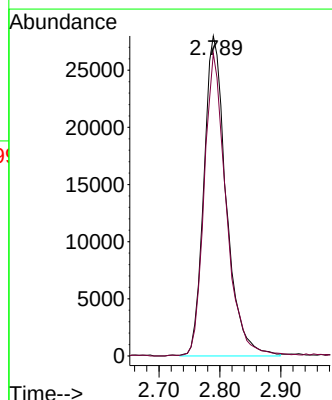
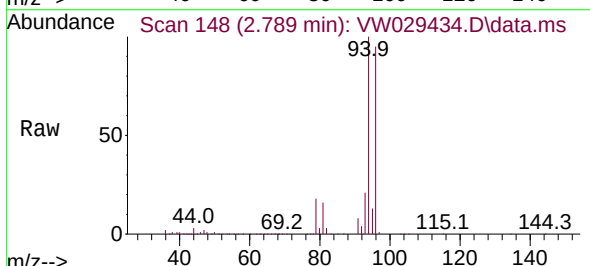
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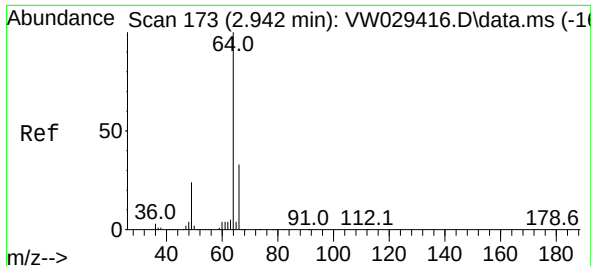
Tgt Ion: 94 Resp: 71307

Ion Ratio Lower Upper

94 100

96 94.5 69.5 129.1

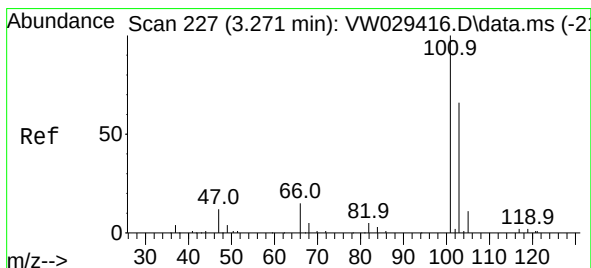
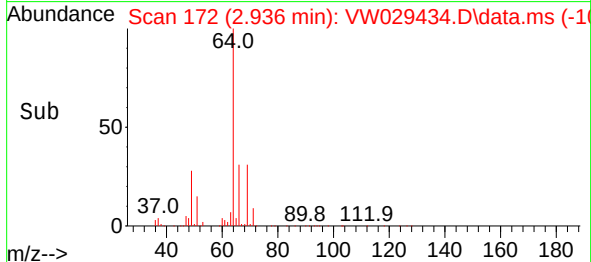
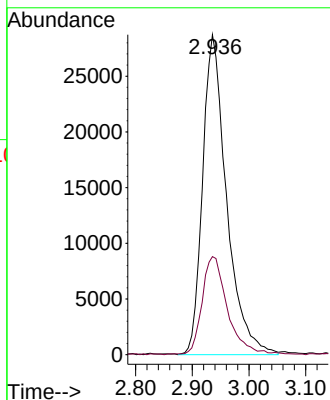
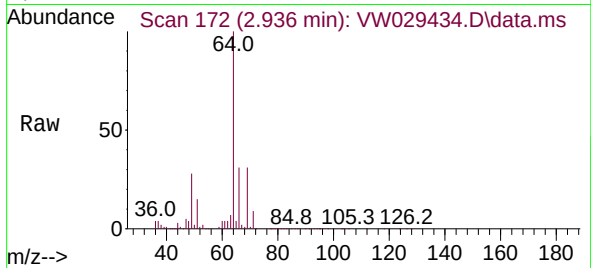




#8
Chloroethane
Concen: 20.181 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

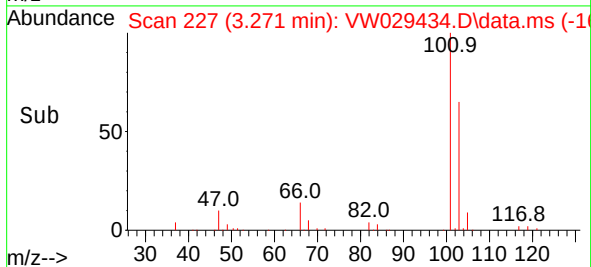
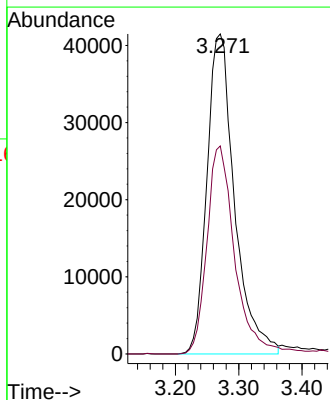
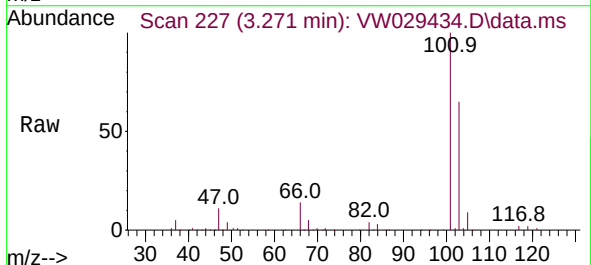
Instrument :
MSVOA_W
ClientSampleId :

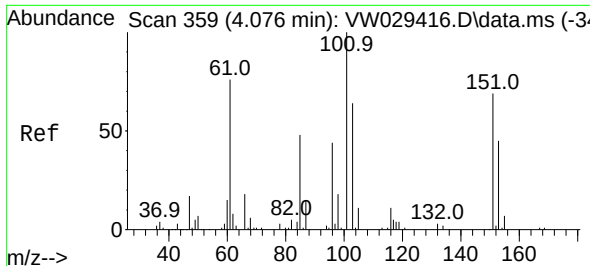
Tgt Ion: 64 Resp: 84445
Ion Ratio Lower Upper
64 100
66 30.6 22.5 41.9



#9
Trichlorofluoromethane
Concen: 23.712 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Tgt Ion:101 Resp: 125766
Ion Ratio Lower Upper
101 100
103 64.8 50.8 76.2





#10

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

Concen: 18.374 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

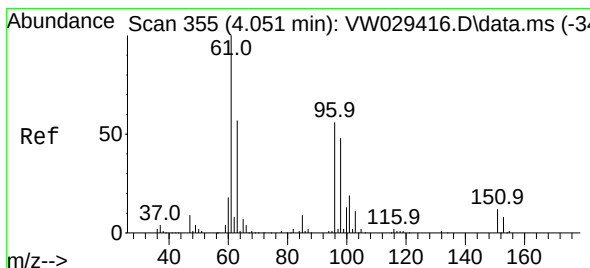
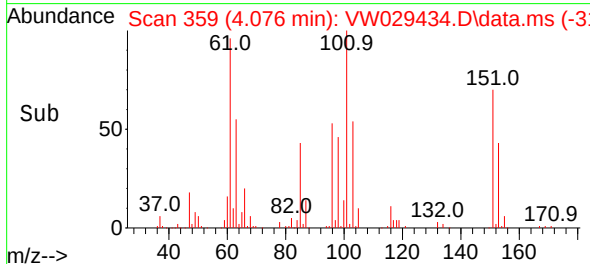
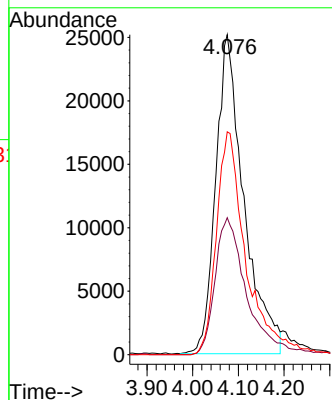
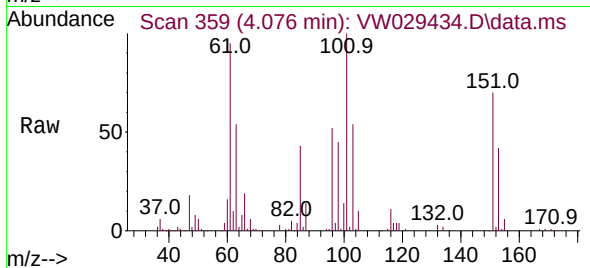
Tgt Ion:101 Resp: 107449

Ion Ratio Lower Upper

101 100

85 47.6 30.2 45.2#

151 72.8 52.2 78.4



#12

1,1-Dichloroethene

Concen: 22.001 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

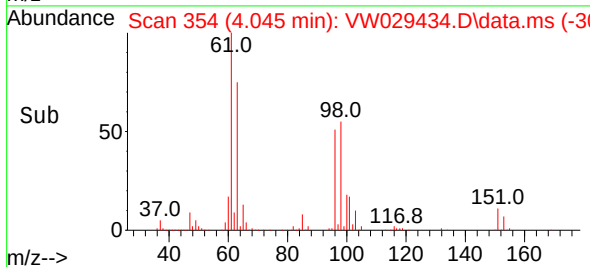
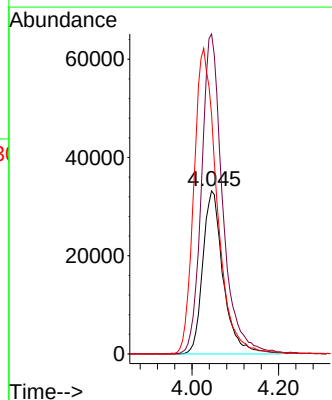
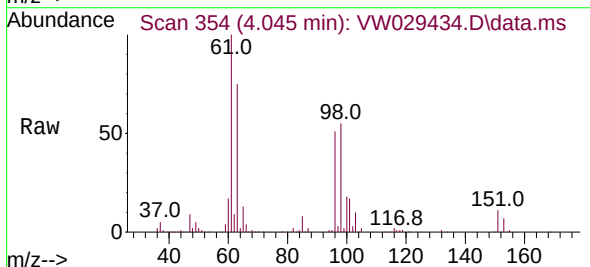
Tgt Ion: 96 Resp: 109167

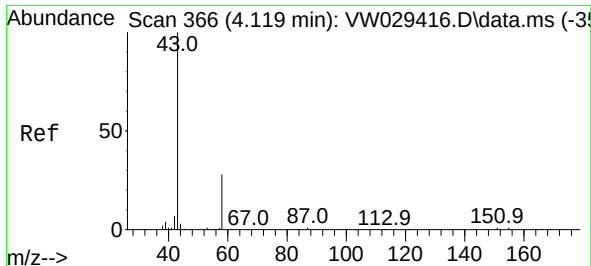
Ion Ratio Lower Upper

96 100

61 196.3 140.1 260.3

63 146.9 122.0 226.6

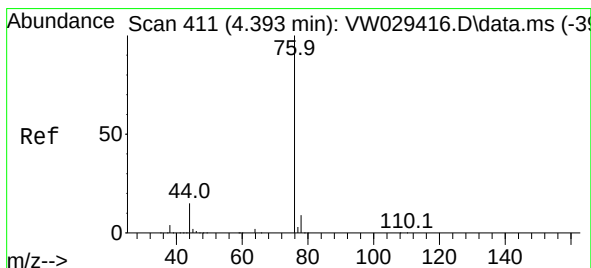
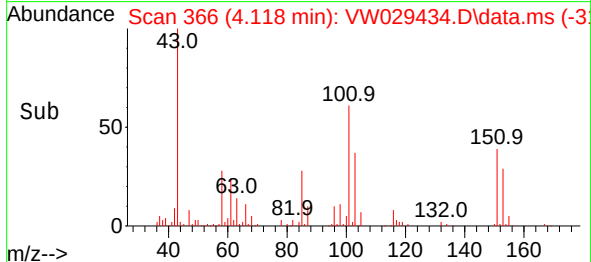
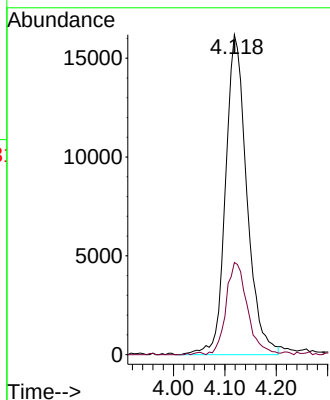
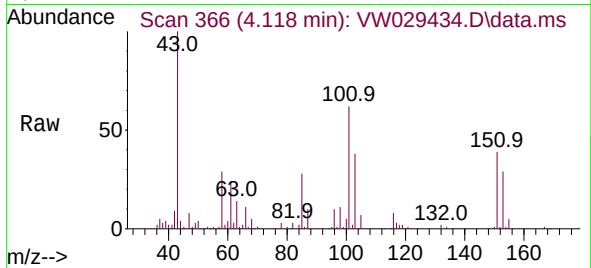




#13
Acetone
Concen: 30.961 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

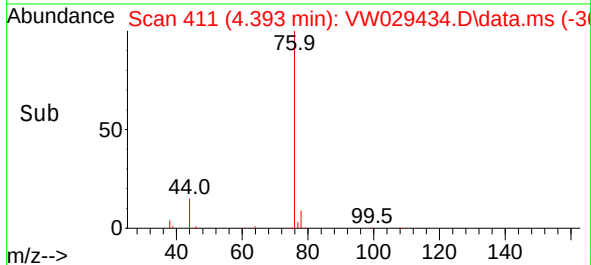
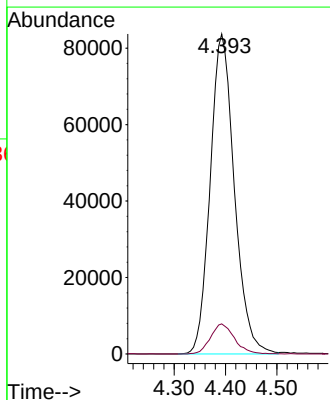
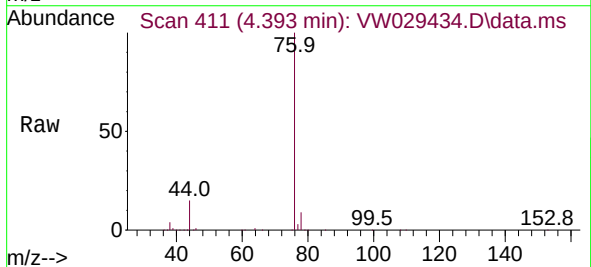
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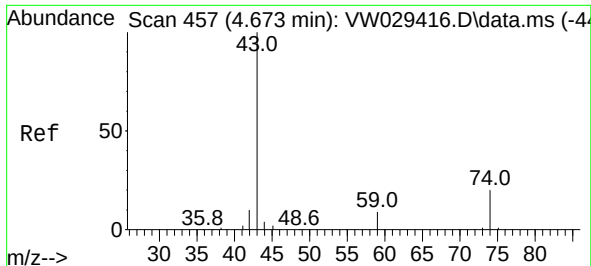
Tgt Ion: 43 Resp: 46658
Ion Ratio Lower Upper
43 100
58 28.8 0.0 61.4



#14
Carbon disulfide
Concen: 16.899 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 273718
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8

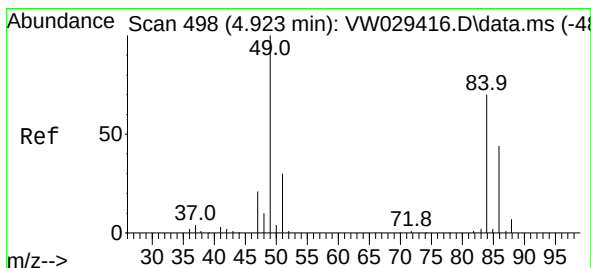
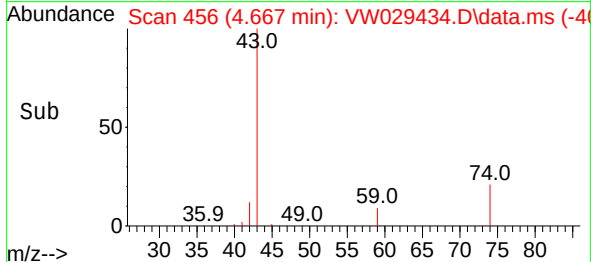
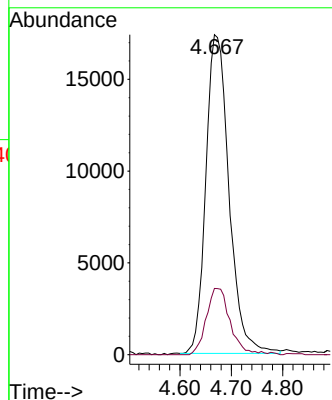
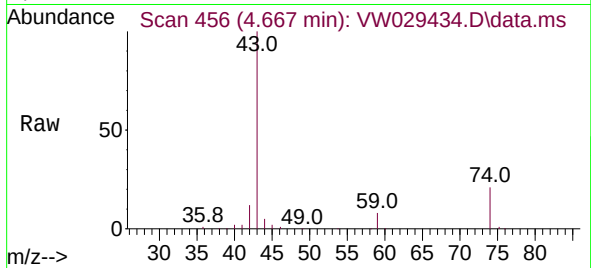




#15
Methyl Acetate
Concen: 18.166 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

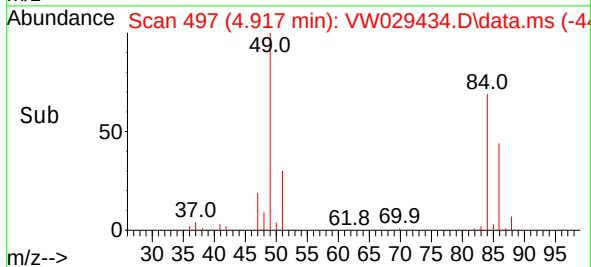
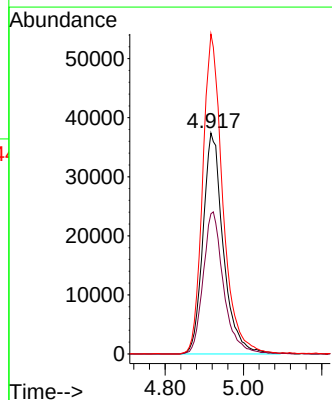
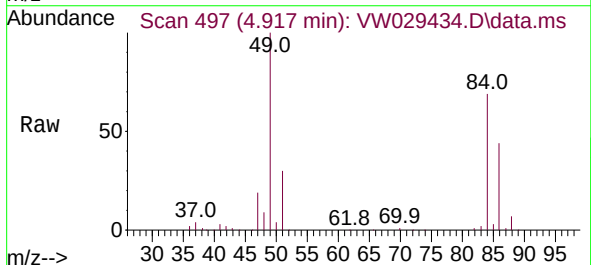
Instrument :
MSVOA_W
ClientSampleId :

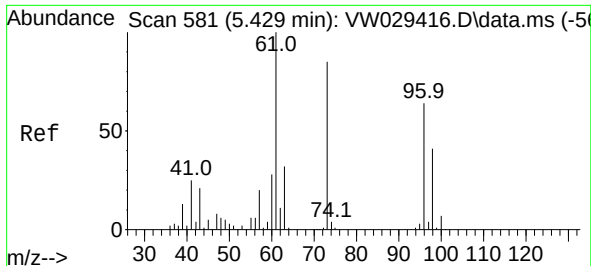
Tgt Ion: 43 Resp: 54348
Ion Ratio Lower Upper
43 100
74 21.1 16.6 25.0



#16
Methylene chloride
Concen: 17.842 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Tgt Ion: 84 Resp: 134347
Ion Ratio Lower Upper
84 100
86 63.4 41.4 77.0
49 144.8 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 21.040 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

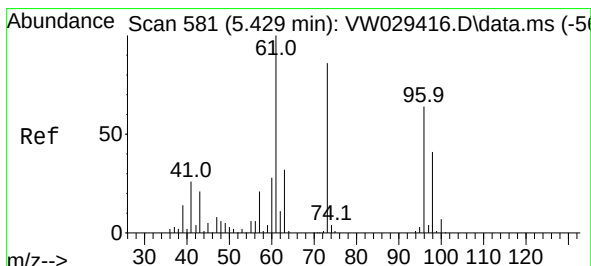
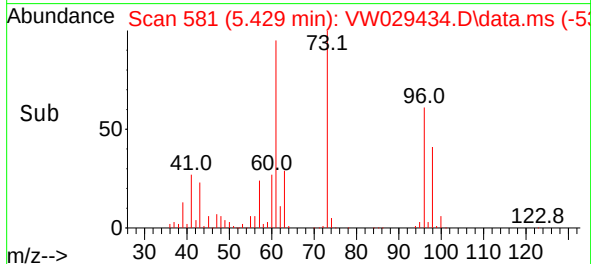
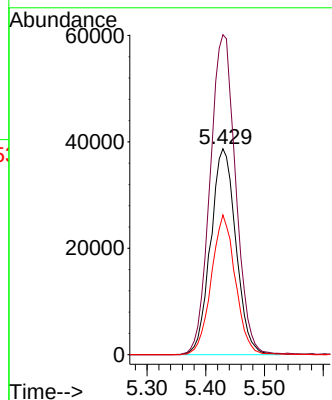
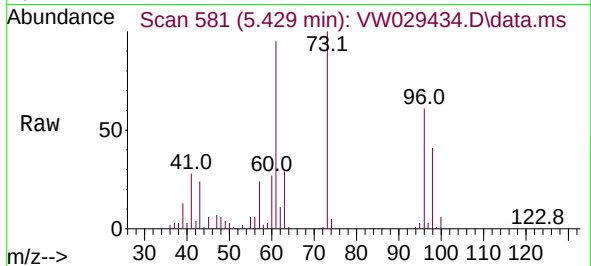
Tgt Ion: 96 Resp: 115937

Ion Ratio Lower Upper

96 100

61 155.4 101.5 188.5

98 67.9 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 24.995 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

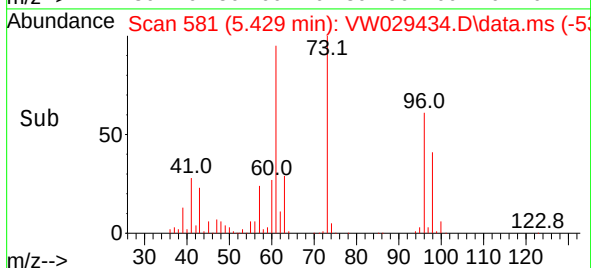
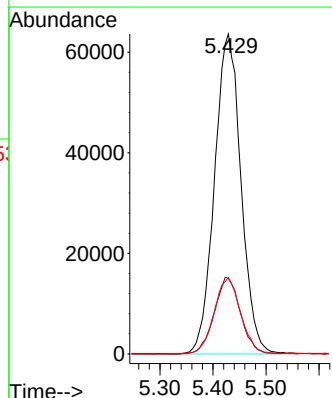
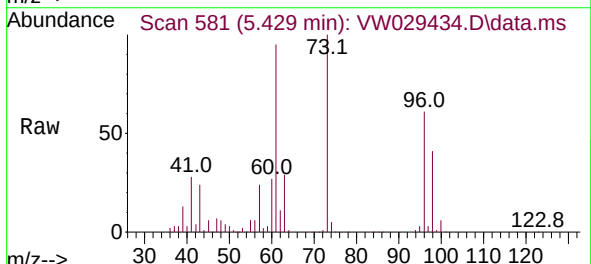
Tgt Ion: 73 Resp: 220355

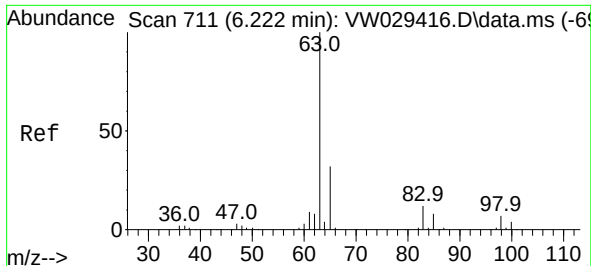
Ion Ratio Lower Upper

73 100

43 23.7 19.5 29.3

57 23.8 18.4 27.6

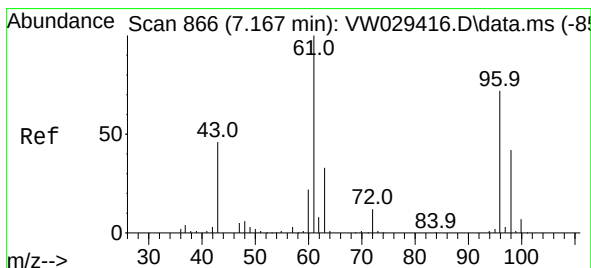
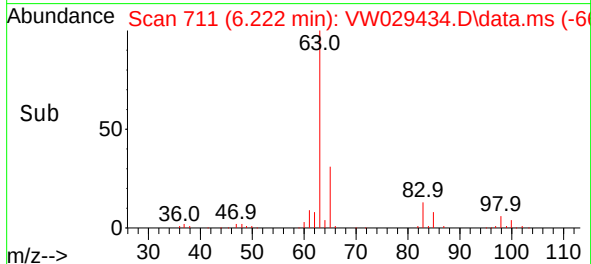
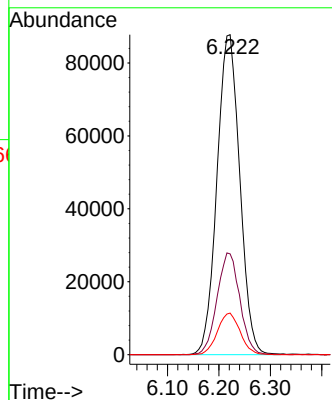
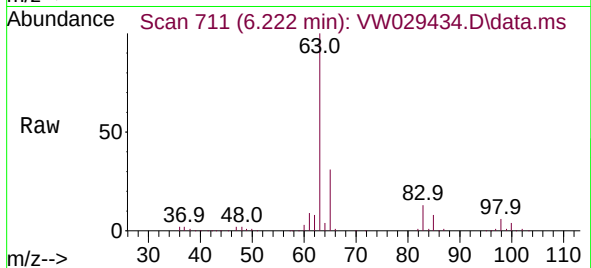




#19
1,1-Dichloroethane
Concen: 22.729 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

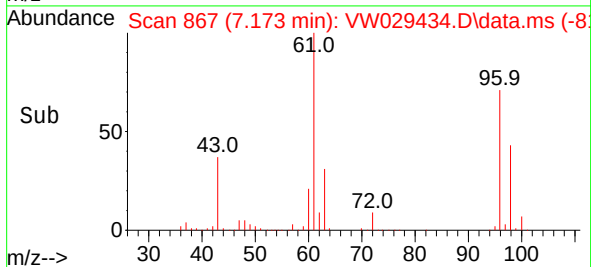
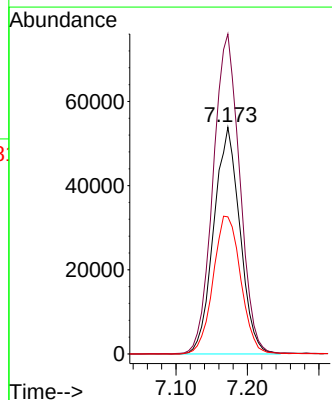
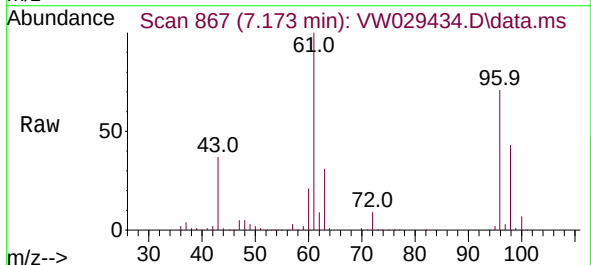
Instrument :
MSVOA_W
ClientSampleId :

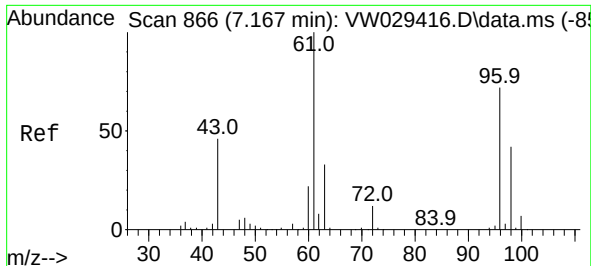
Tgt Ion: 63 Resp: 270508
Ion Ratio Lower Upper
63 100
65 31.5 23.4 43.4
83 13.0 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 22.534 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Tgt Ion: 96 Resp: 136925
Ion Ratio Lower Upper
96 100
61 141.1 97.8 181.6
98 60.5 43.0 79.8





#22

2-Butanone

Concen: 37.113 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

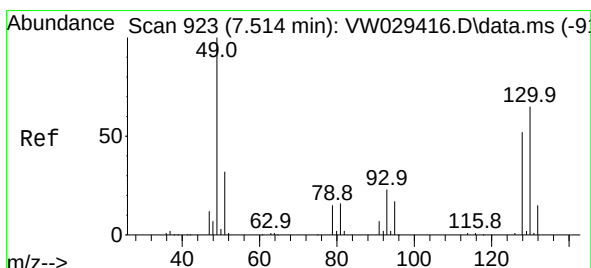
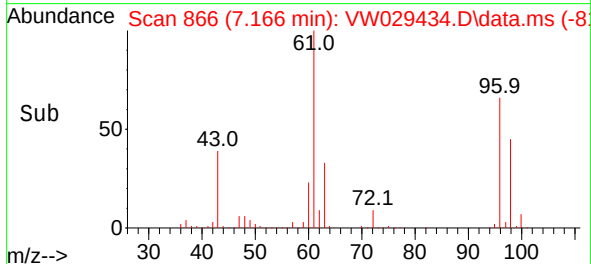
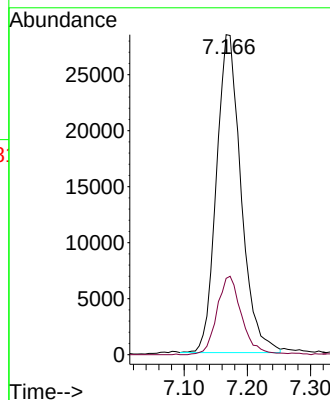
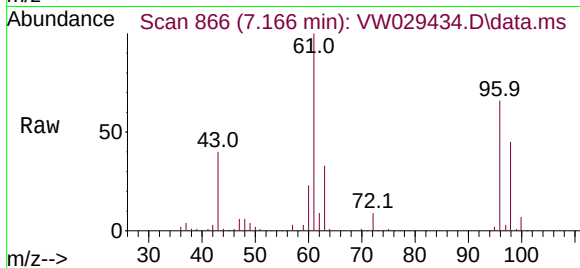
ClientSampleId :

Tgt Ion: 43 Resp: 76668

Ion Ratio Lower Upper

43 100

72 24.7 11.9 35.7



#23

Bromochloromethane

Concen: 21.201 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Tgt Ion: 128 Resp: 57349

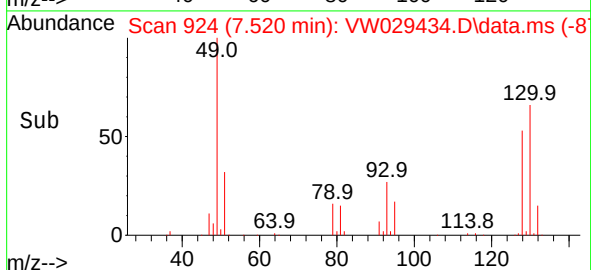
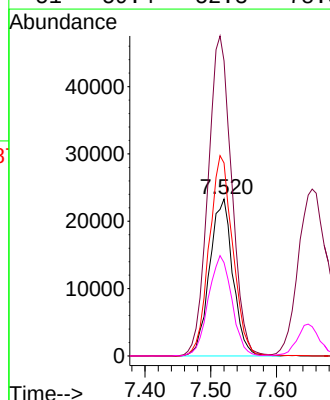
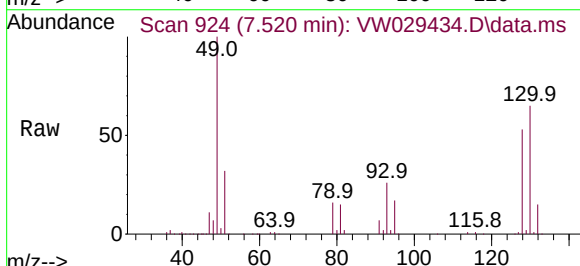
Ion Ratio Lower Upper

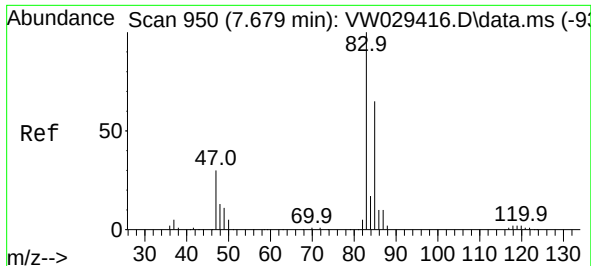
128 100

49 188.0 142.6 264.8

130 122.9 79.7 148.1

51 59.4 52.3 78.5





#25

Chloroform

Concen: 22.957 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

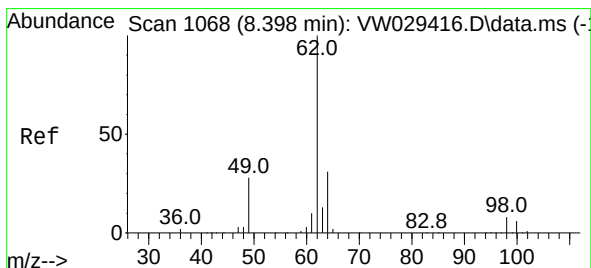
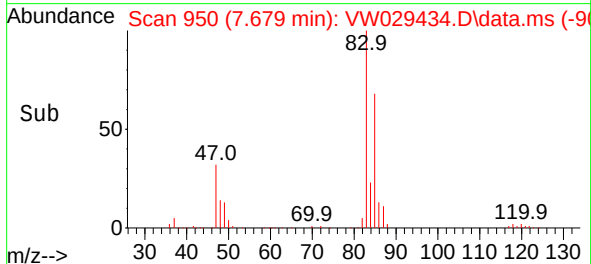
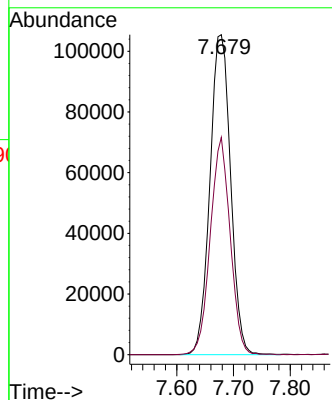
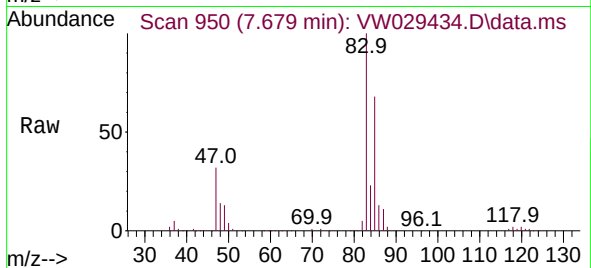
ClientSampleId :

Tgt Ion: 83 Resp: 266795

Ion Ratio Lower Upper

83 100

85 67.9 44.4 82.4



#27

1,2-Dichloroethane

Concen: 20.973 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029434.D

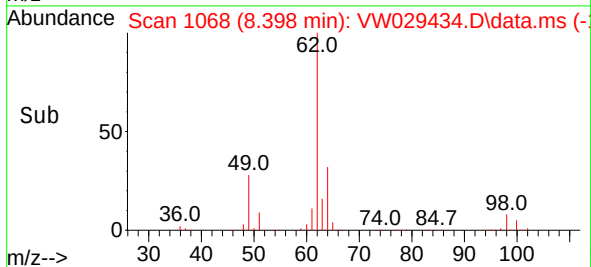
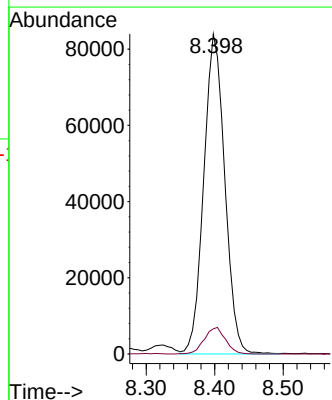
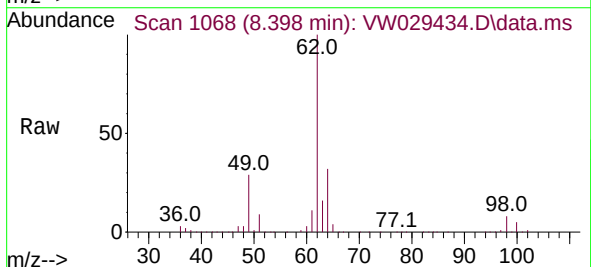
Acq: 01 Jul 2024 18:04

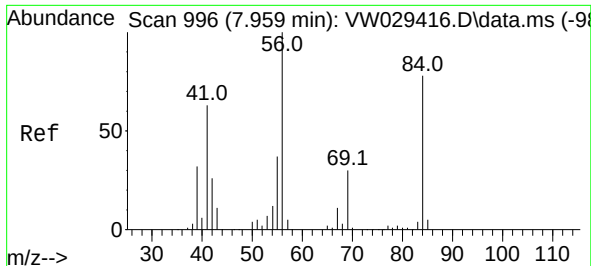
Tgt Ion: 62 Resp: 179760

Ion Ratio Lower Upper

62 100

98 7.9 6.6 10.0





#29

Cyclohexane

Concen: 22.203 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

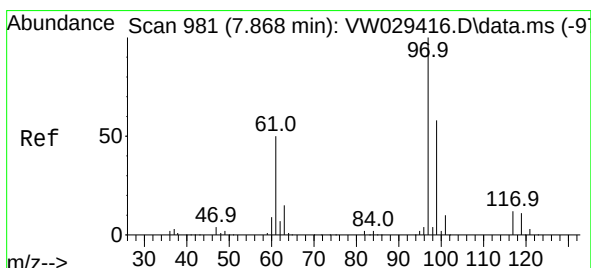
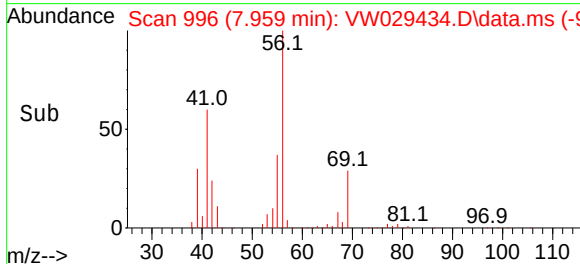
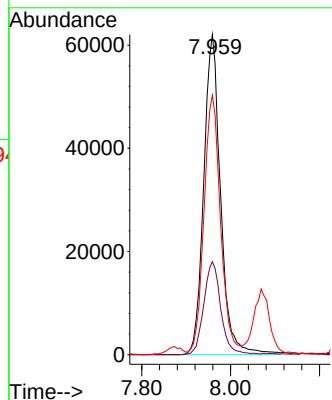
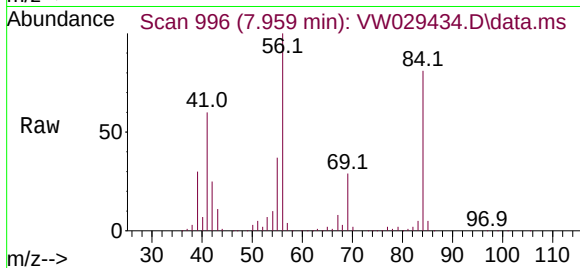
Tgt Ion: 56 Resp: 163908

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 78.9 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 28.404 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

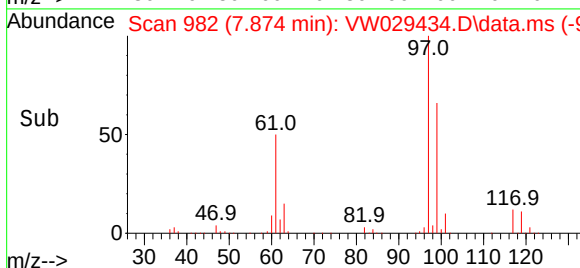
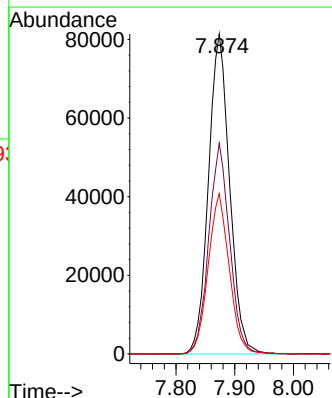
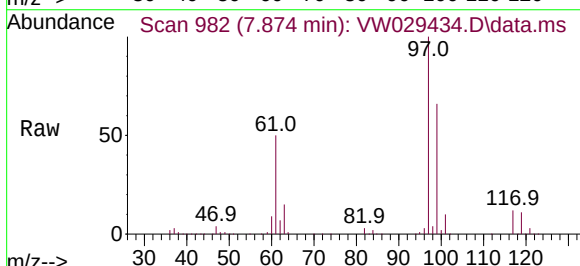
Tgt Ion: 97 Resp: 203959

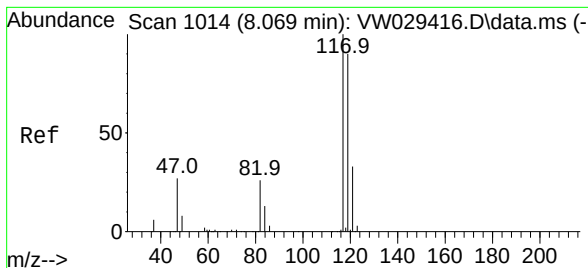
Ion Ratio Lower Upper

97 100

99 64.8 53.0 79.4

61 49.8 43.0 64.4





#31

Carbon tetrachloride

Concen: 25.958 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.012 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

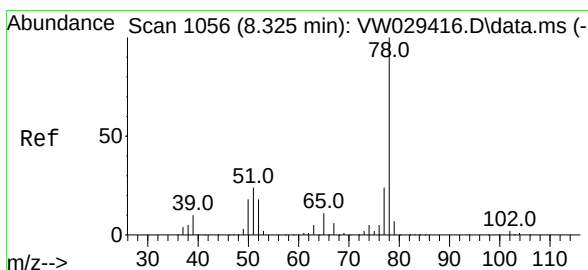
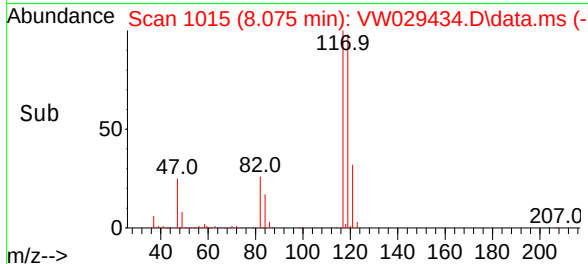
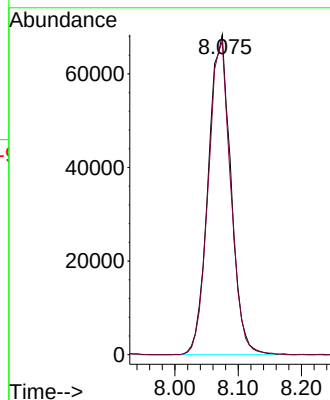
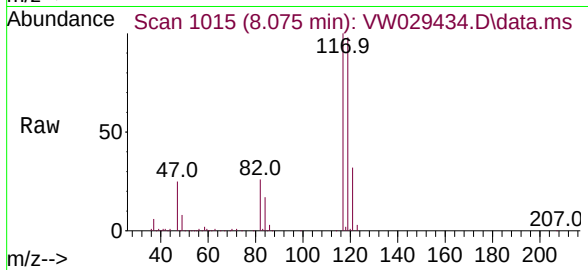
ClientSampleId :

Tgt Ion:117 Resp: 170270

Ion Ratio Lower Upper

117 100

119 97.0 79.0 118.4



#33

Benzene

Concen: 27.504 ug/L

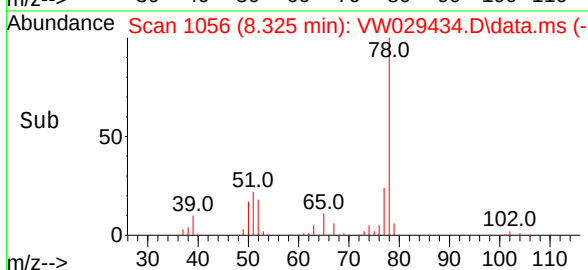
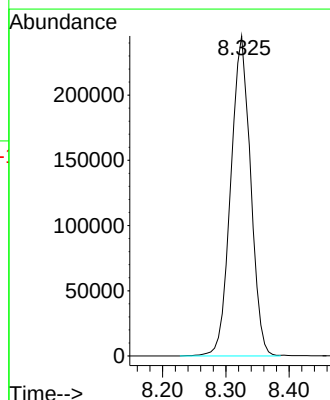
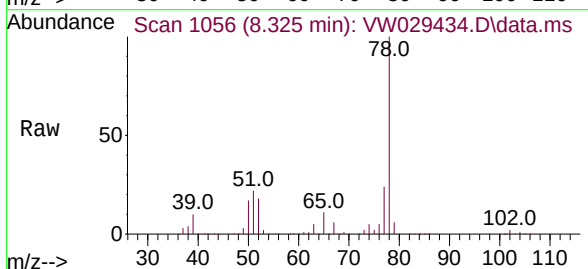
RT: 8.325 min Scan# 1056

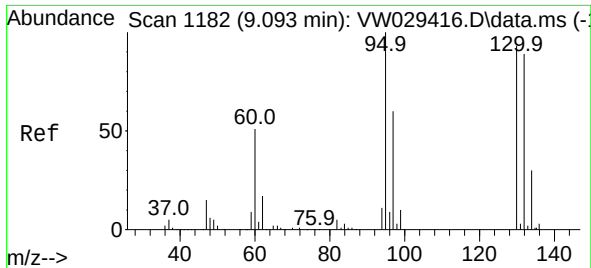
Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

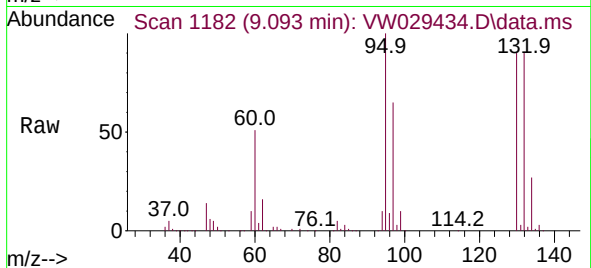
Tgt Ion: 78 Resp: 533636





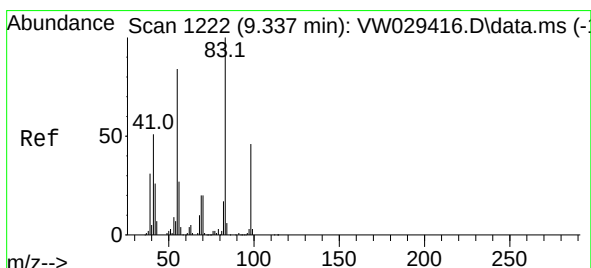
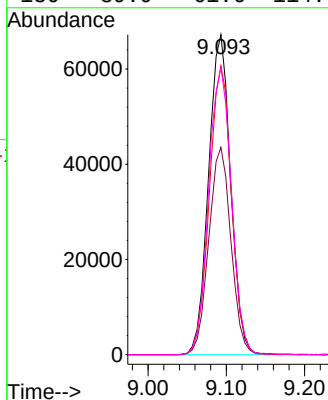
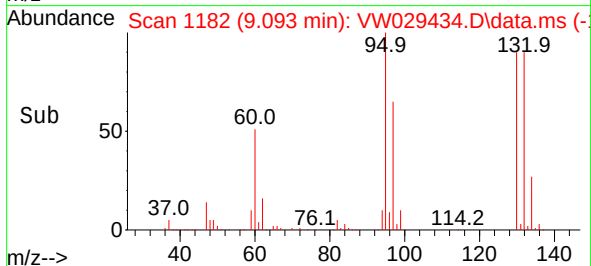
#34
Trichloroethene
Concen: 25.407 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Instrument :
MSVOA_W
ClientSampleId :

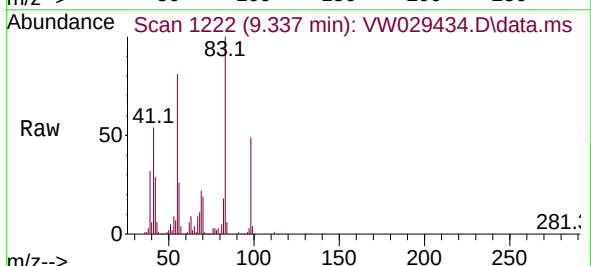


Tgt Ion: 95 Resp: 131514

Ion	Ratio	Lower	Upper
95	100		
97	64.8	45.7	84.9
132	90.2	66.4	123.4
130	89.9	61.6	114.4

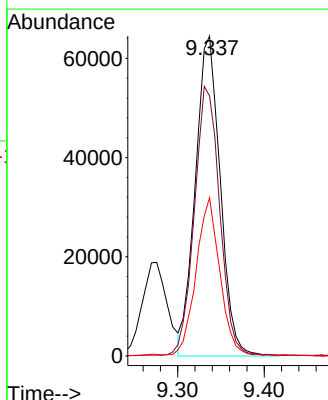
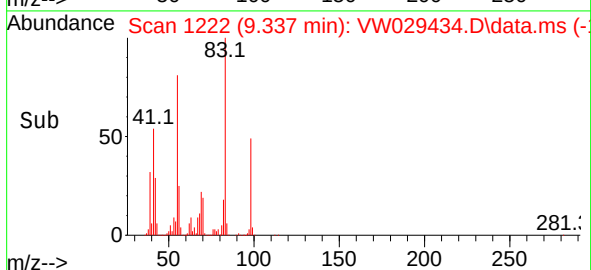


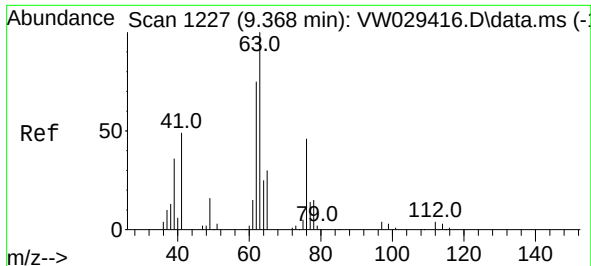
#35
Methylcyclohexane
Concen: 15.828 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04



Tgt Ion: 83 Resp: 128857

Ion	Ratio	Lower	Upper
83	100		
55	85.9	69.5	104.3
98	47.5	38.0	57.0





#37

1,2-Dichloropropane

Concen: 27.739 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

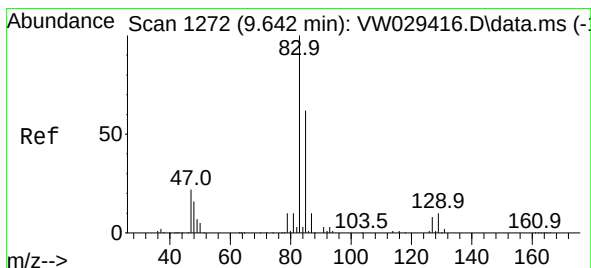
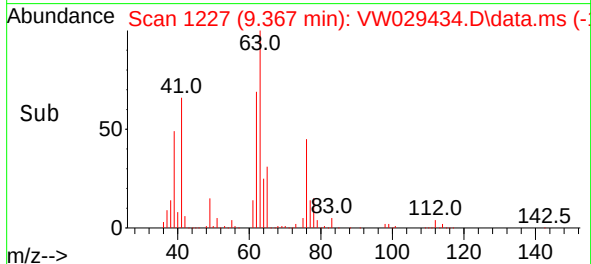
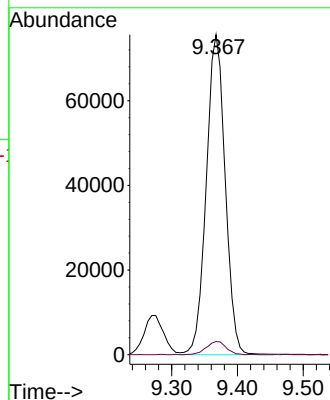
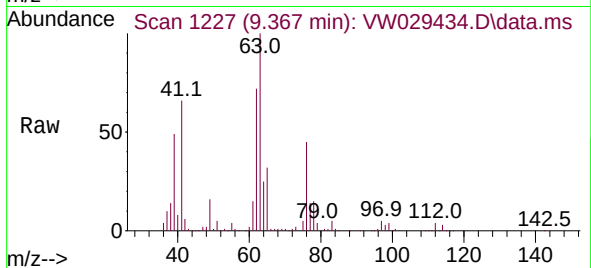
ClientSampleId :

Tgt Ion: 63 Resp: 151232

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 27.133 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

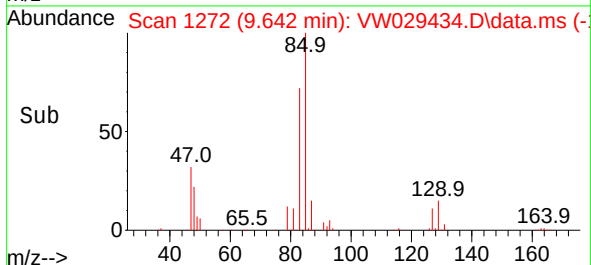
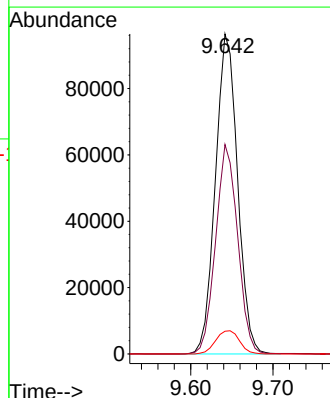
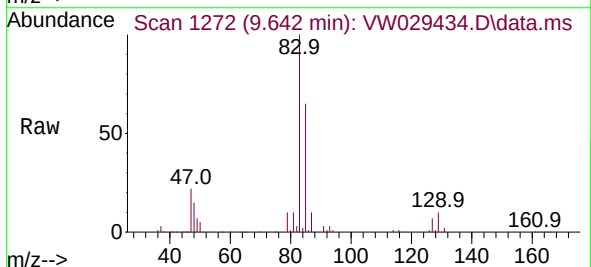
Tgt Ion: 83 Resp: 180867

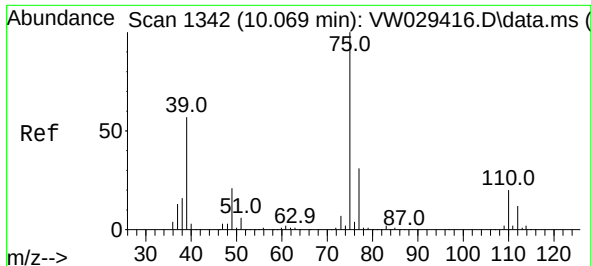
Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.9

127 7.1 5.8 8.6

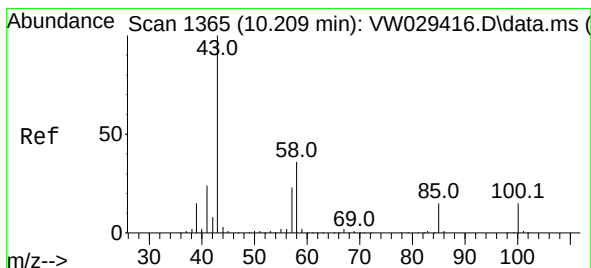
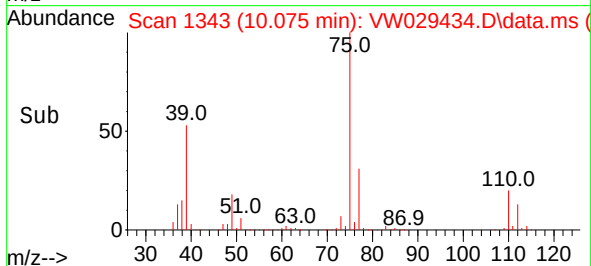
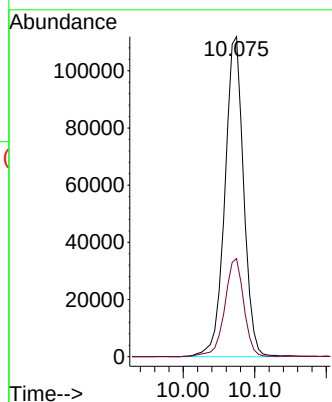
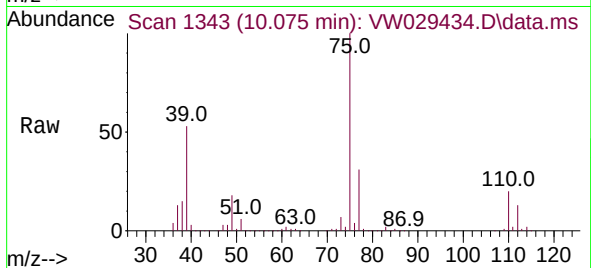




#39
cis-1,3-Dichloropropene
Concen: 26.436 ug/L
RT: 10.075 min Scan# 1342
Delta R.T. 0.006 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

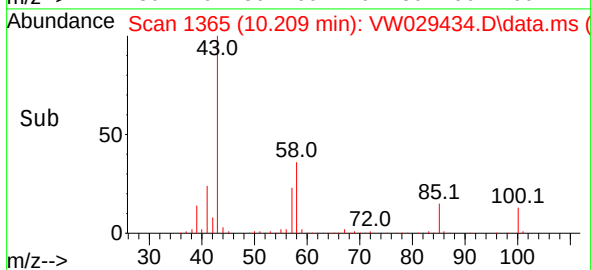
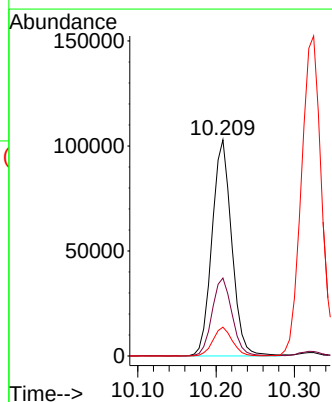
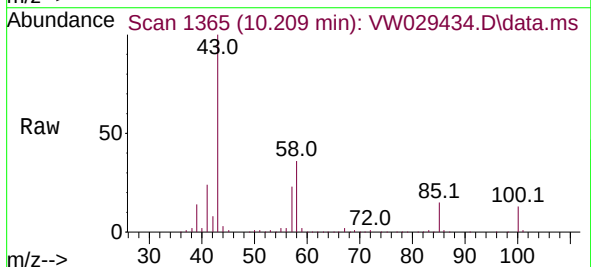
Instrument :
MSVOA_W
ClientSampleId :

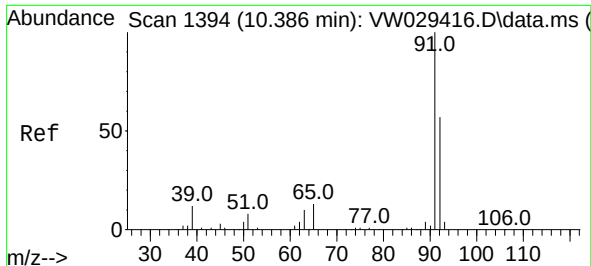
Tgt Ion: 75 Resp: 203735
Ion Ratio Lower Upper
75 100
77 30.6 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 53.263 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Tgt Ion: 43 Resp: 179985
Ion Ratio Lower Upper
43 100
58 36.6 28.2 42.4
100 13.1 11.0 16.4





#42

Toluene

Concen: 26.168 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

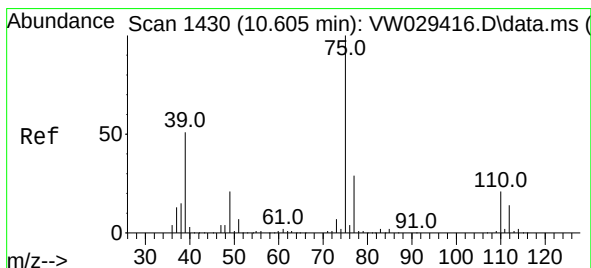
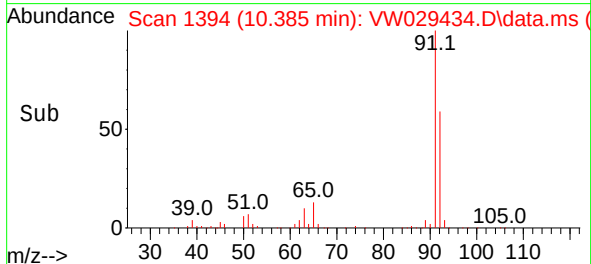
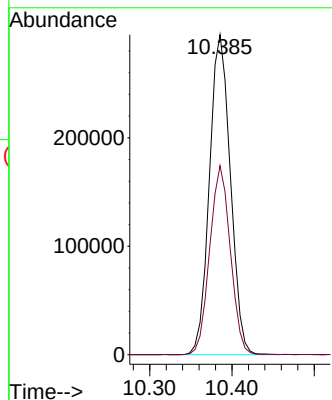
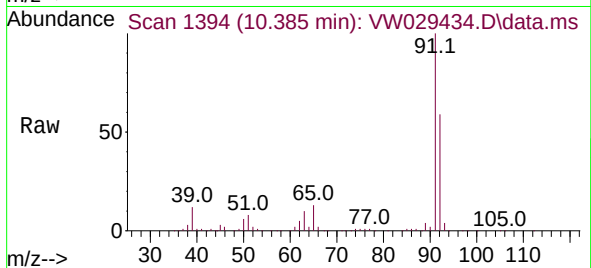
ClientSampleId :

Tgt Ion: 91 Resp: 521951

Ion Ratio Lower Upper

91 100

92 59.1 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 25.384 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029434.D

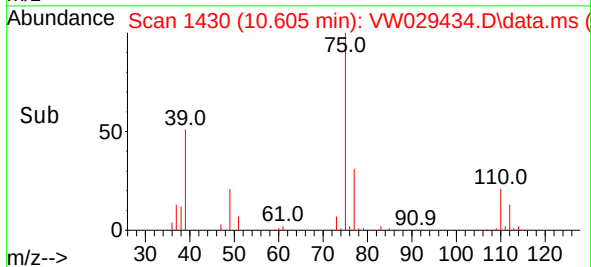
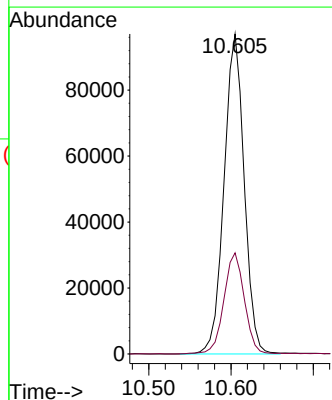
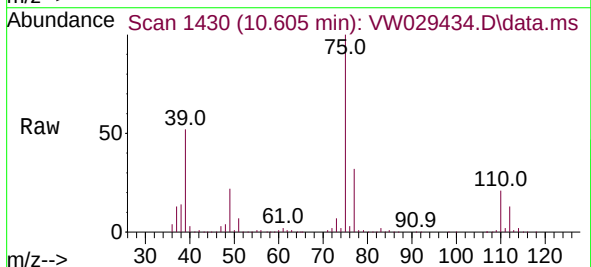
Acq: 01 Jul 2024 18:04

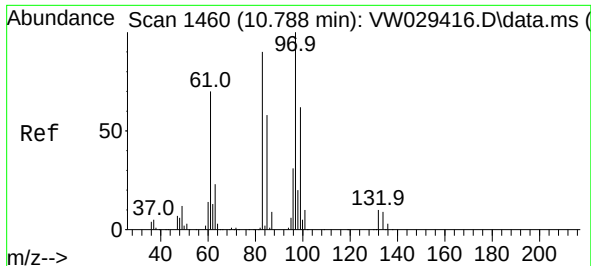
Tgt Ion: 75 Resp: 165186

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 26.176 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.006 min

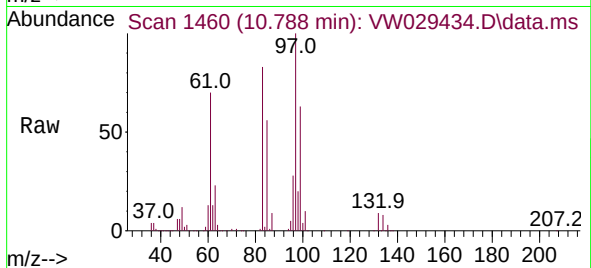
Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 99393

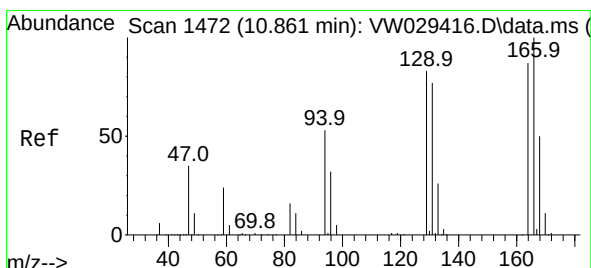
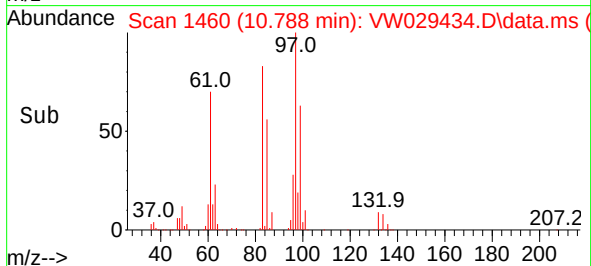
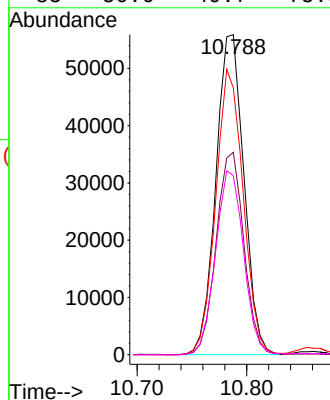
Ion Ratio Lower Upper

97 100

99 63.3 42.3 78.5

83 83.4 57.7 107.1

85 56.0 40.7 75.5



#46

Tetrachloroethene

Concen: 22.878 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Tgt Ion:164 Resp: 82786

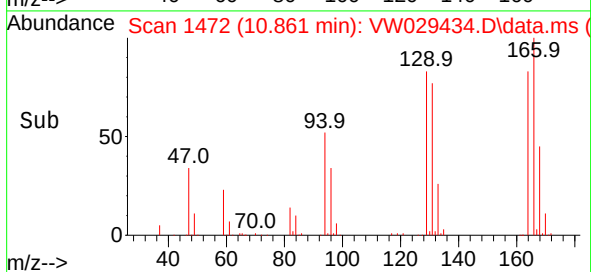
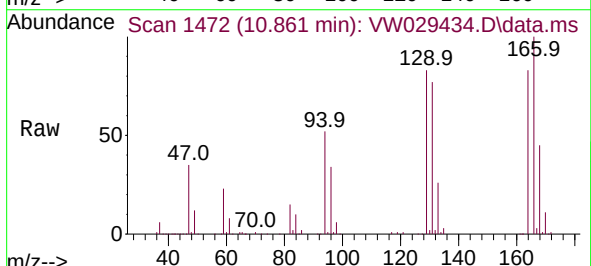
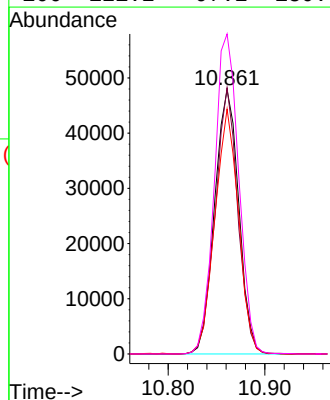
Ion Ratio Lower Upper

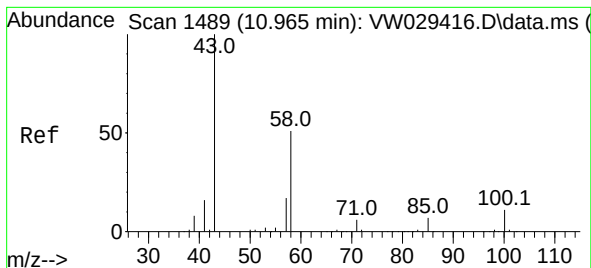
164 100

129 100.8 68.5 127.3

131 92.8 71.8 133.4

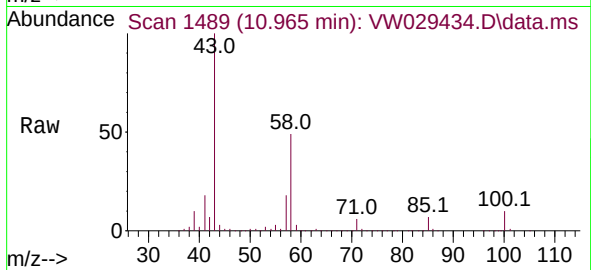
166 121.2 97.2 180.4





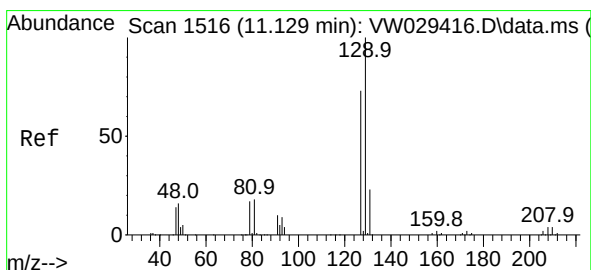
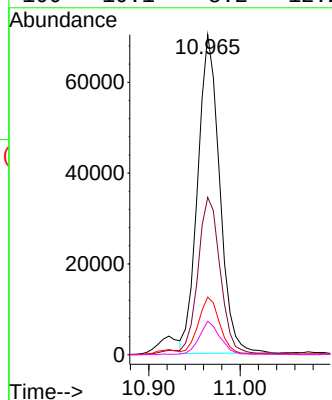
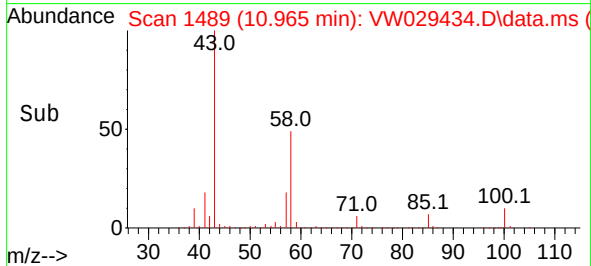
#48
2-Hexanone
Concen: 48.633 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 116611

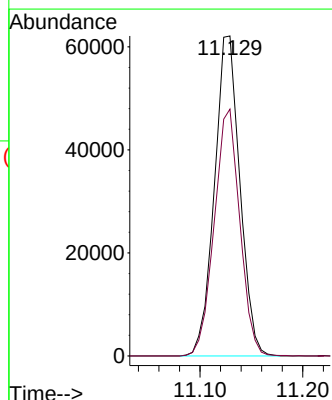
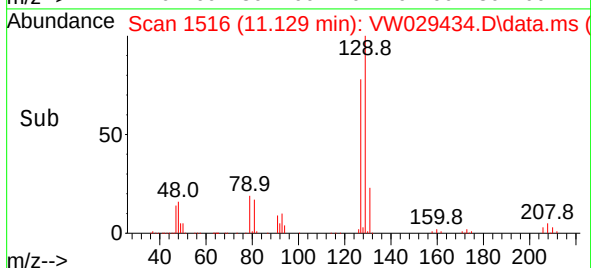
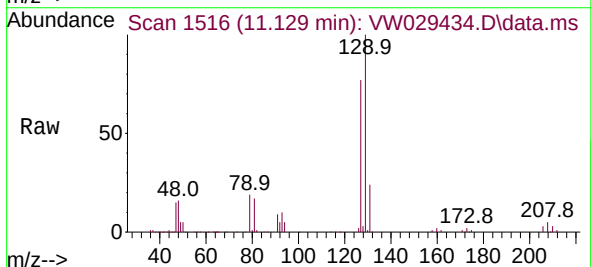
Ion	Ratio	Lower	Upper
43	100		
58	50.6	39.6	59.4
57	17.9	14.6	21.8
100	10.1	8.2	12.2

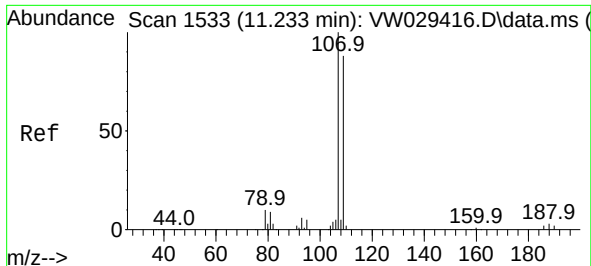


#49
Dibromochloromethane
Concen: 26.932 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Tgt Ion: 129 Resp: 106899

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.8	101.8





#50

1,2-Dibromoethane

Concen: 25.024 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029434.D

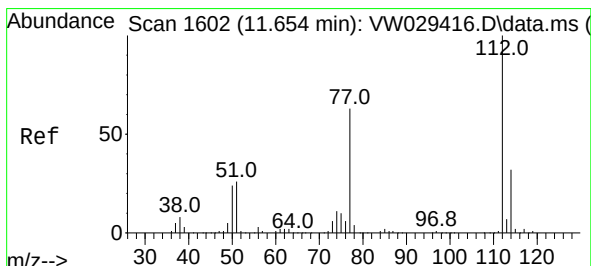
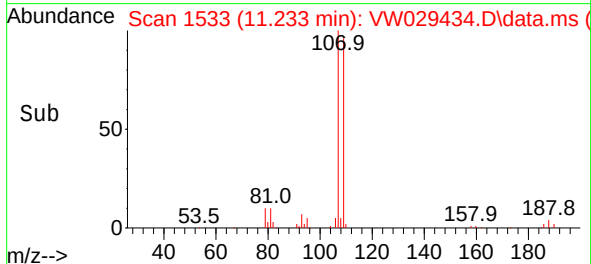
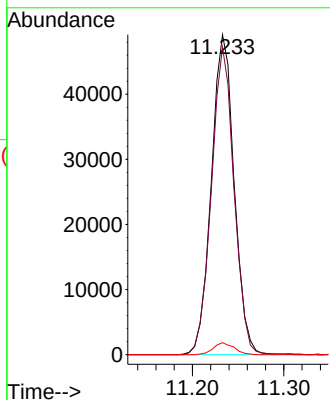
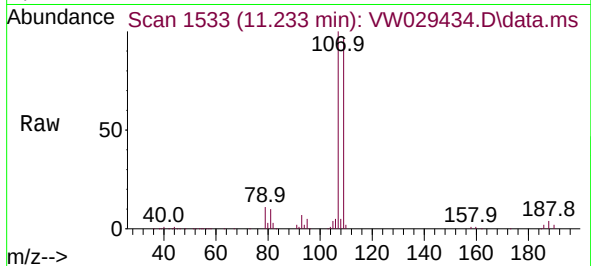
Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	85295
Ion	Ratio	Lower Upper
107	100	
109	96.2	65.5 121.6
188	3.8	2.6 4.0



#51

Chlorobenzene

Concen: 23.541 ug/L

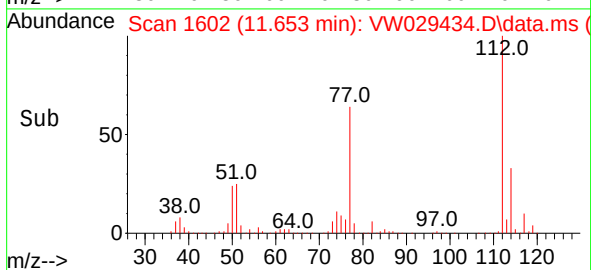
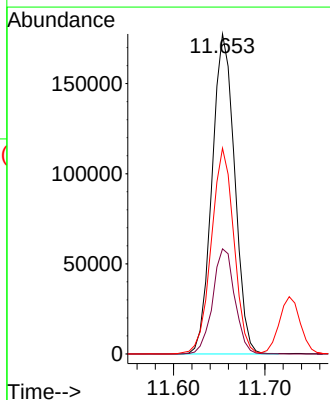
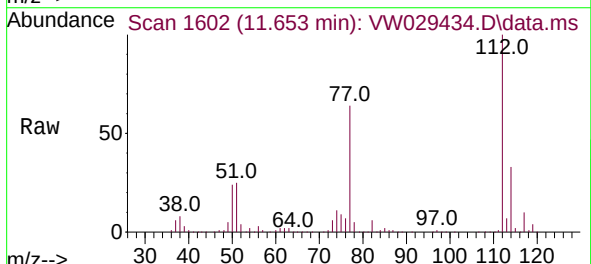
RT: 11.653 min Scan# 1602

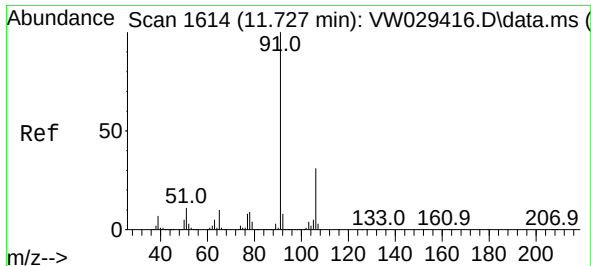
Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Tgt Ion:112	Resp:	304921
Ion	Ratio	Lower Upper
112	100	
114	32.9	22.6 42.0
77	64.3	51.0 76.6





#52

Ethylbenzene

Concen: 24.515 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

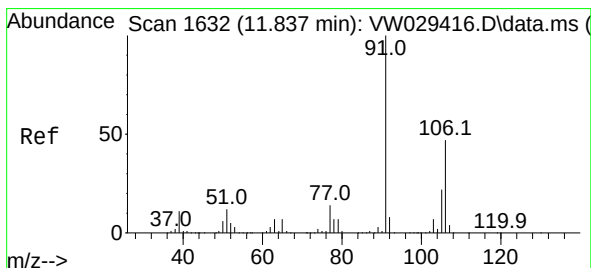
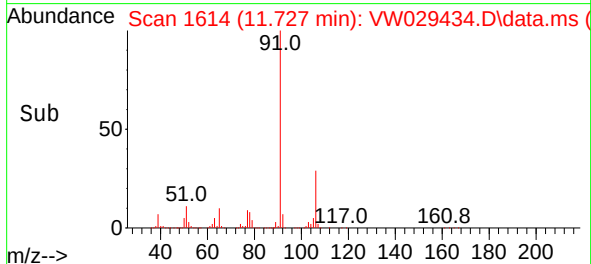
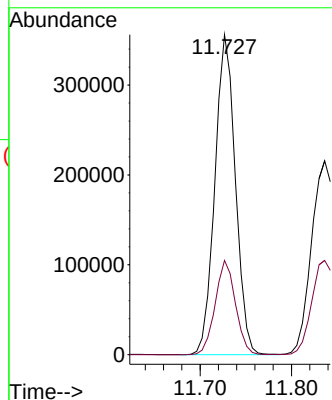
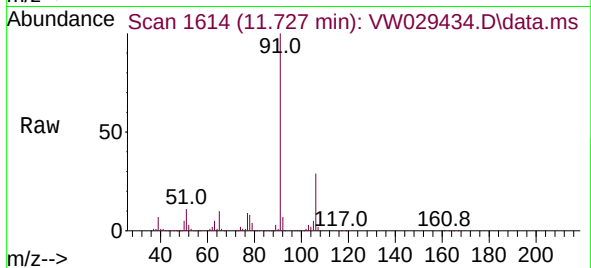
ClientSampleId :

Tgt Ion: 91 Resp: 555055

Ion Ratio Lower Upper

91 100

106 29.4 19.9 37.0



#53

m,p-Xylene

Concen: 23.891 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029434.D

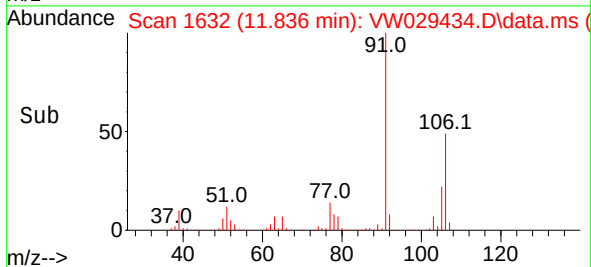
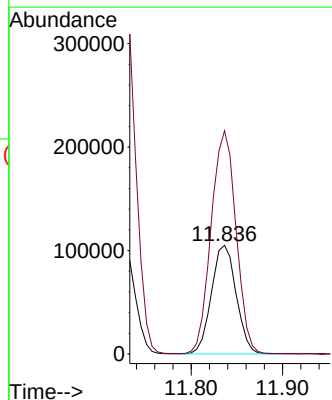
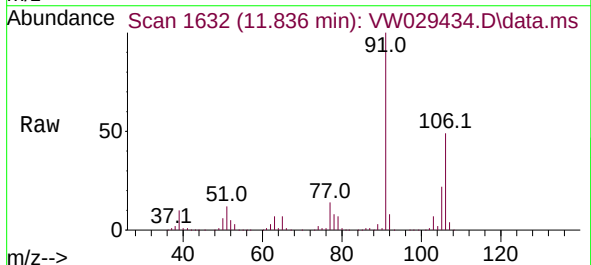
Acq: 01 Jul 2024 18:04

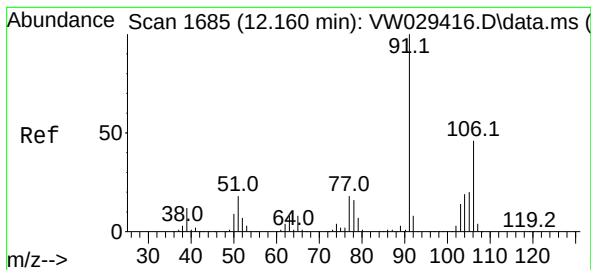
Tgt Ion:106 Resp: 197585

Ion Ratio Lower Upper

106 100

91 205.6 140.5 260.9

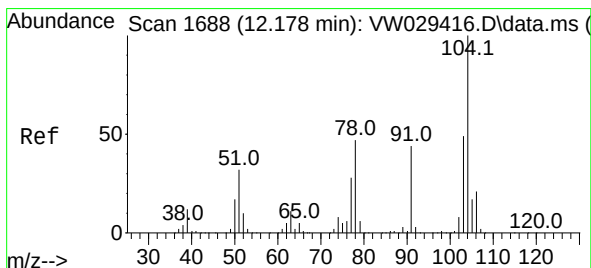
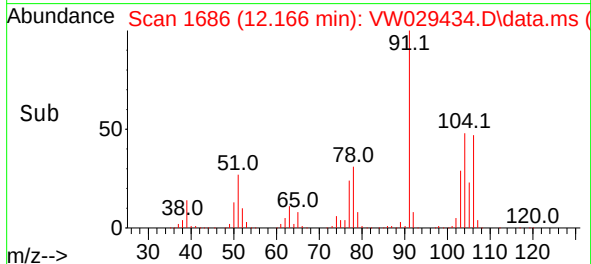
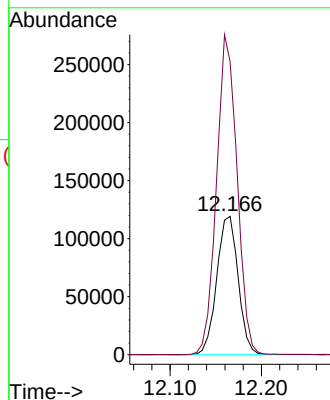
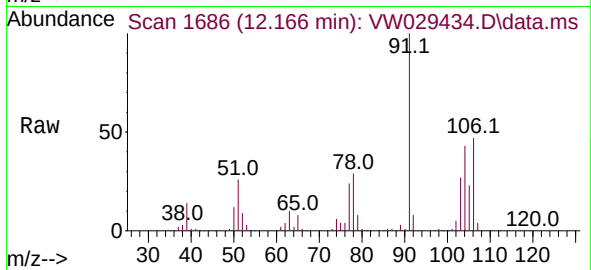




#54
o-Xylene
Concen: 25.100 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

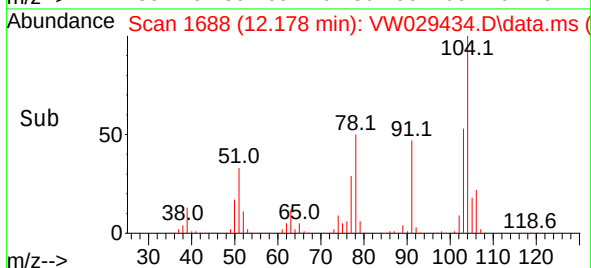
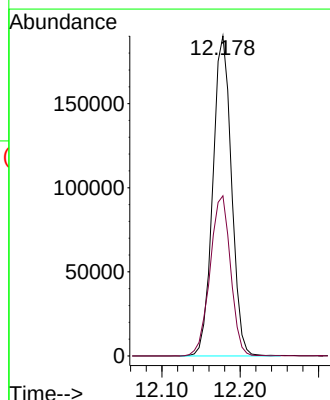
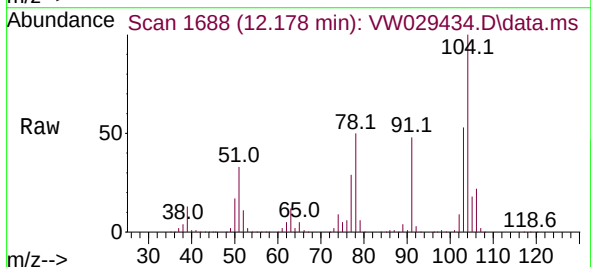
Instrument :
MSVOA_W
ClientSampleId :

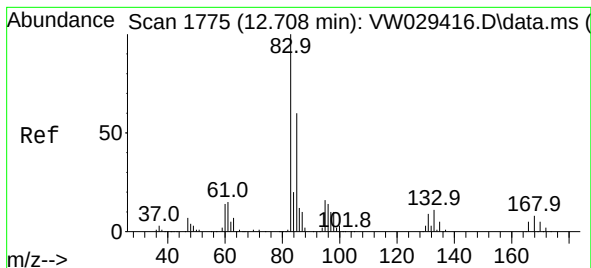
Tgt Ion:106 Resp: 194006
Ion Ratio Lower Upper
106 100
91 211.7 149.9 278.5



#55
Styrene
Concen: 23.363 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

Tgt Ion:104 Resp: 314847
Ion Ratio Lower Upper
104 100
78 50.1 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.508 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

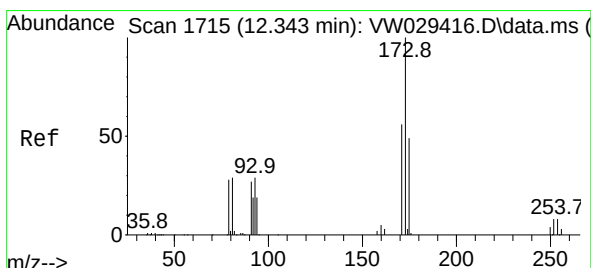
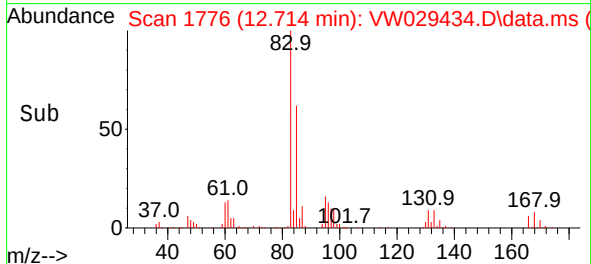
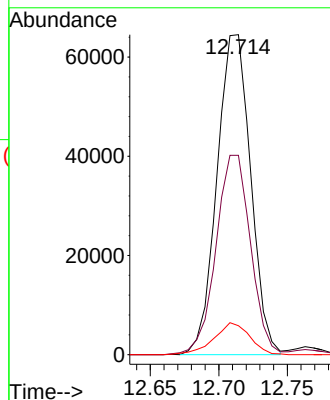
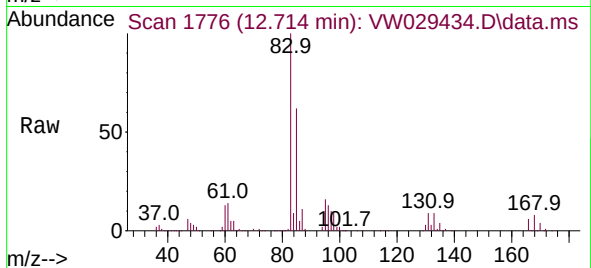
Tgt Ion: 83 Resp: 110413

Ion Ratio Lower Upper

83 100

85 62.3 45.8 85.0

131 9.0 7.8 11.6



#59

Bromoform

Concen: 33.820 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

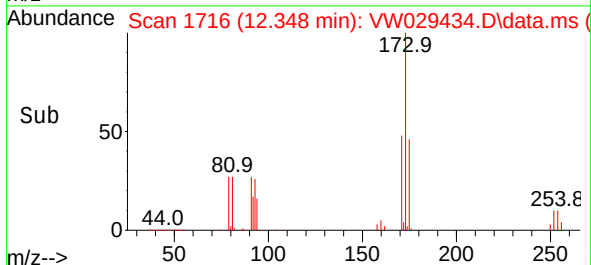
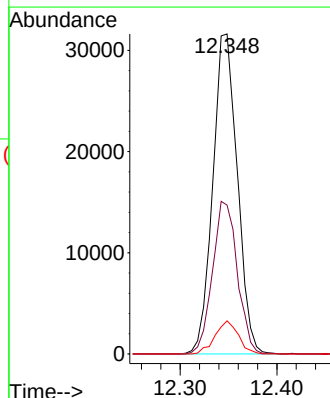
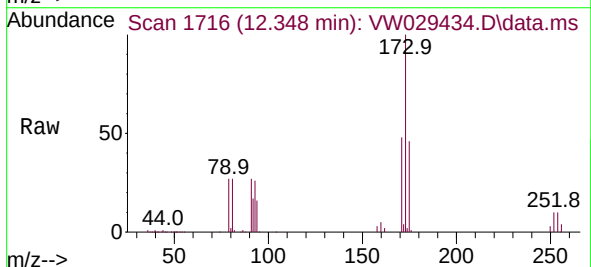
Tgt Ion:173 Resp: 55621

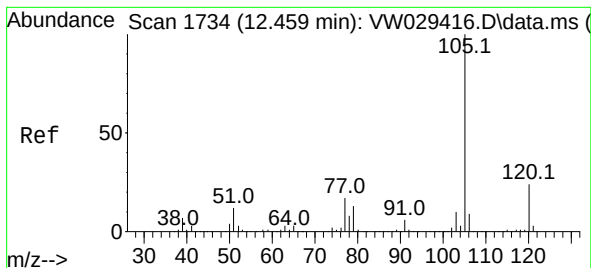
Ion Ratio Lower Upper

173 100

175 48.2 37.8 56.8

254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 29.292 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

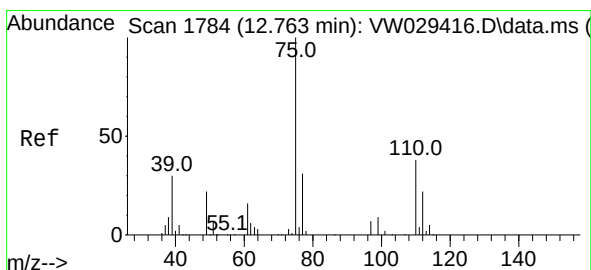
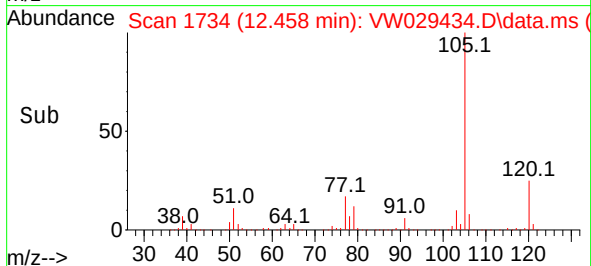
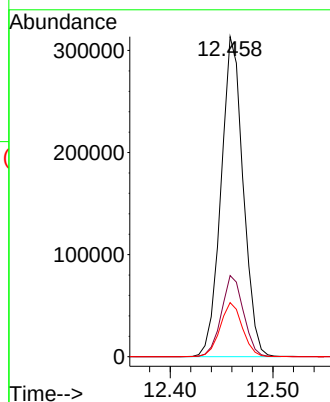
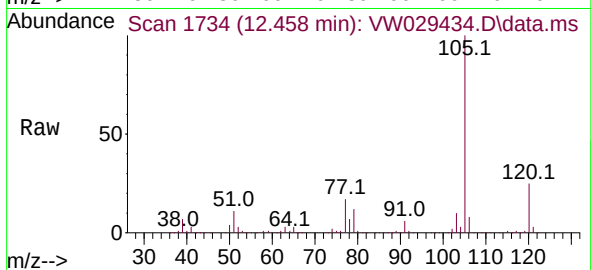
Tgt Ion:105 Resp: 468347

Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 17.0 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 32.127 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

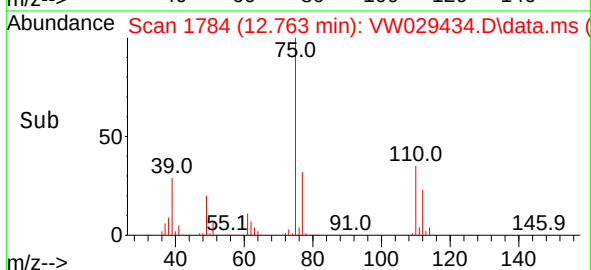
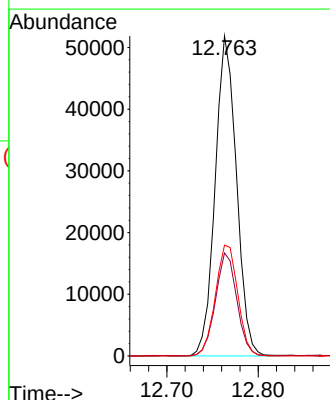
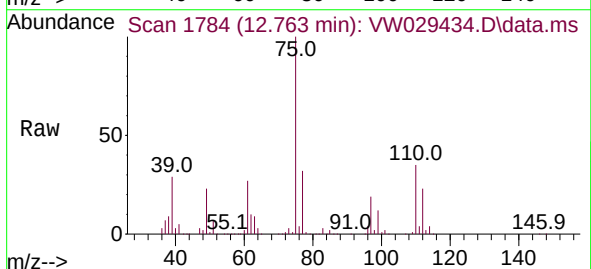
Tgt Ion: 75 Resp: 84085

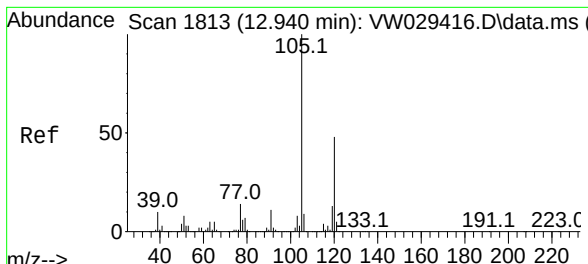
Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

110 36.3 29.5 44.3



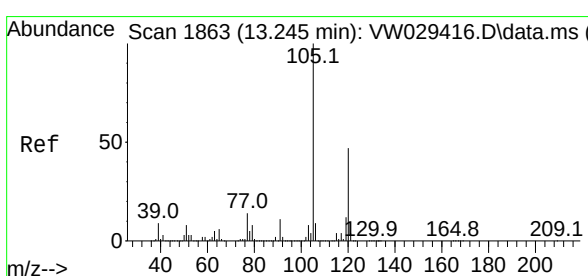
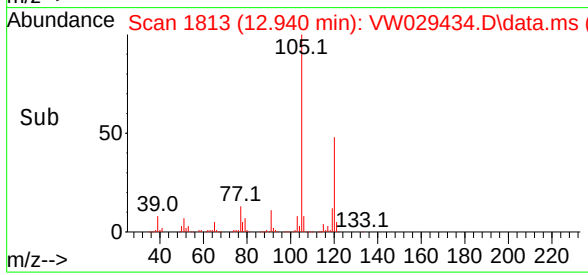
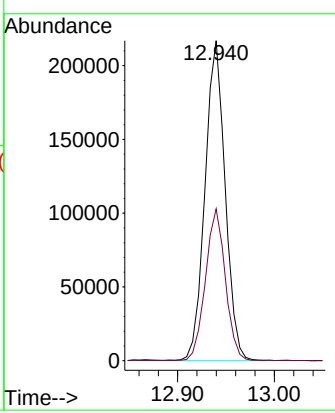
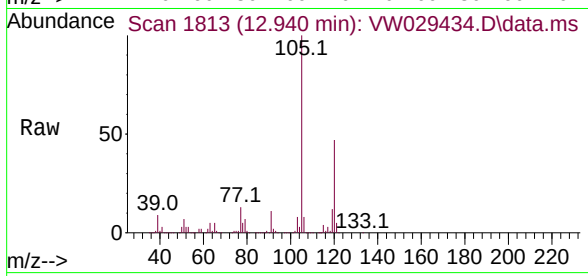


#62
 1,3,5-Trimethylbenzene
 Concen: 27.116 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW029434.D
 Acq: 01 Jul 2024 18:04

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 313991

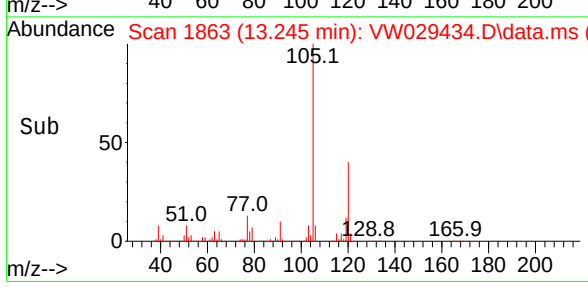
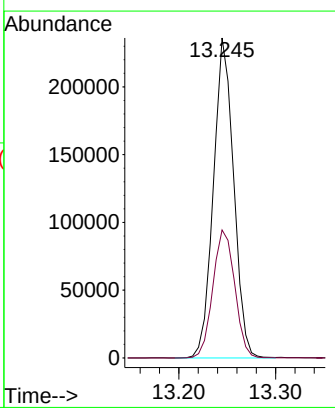
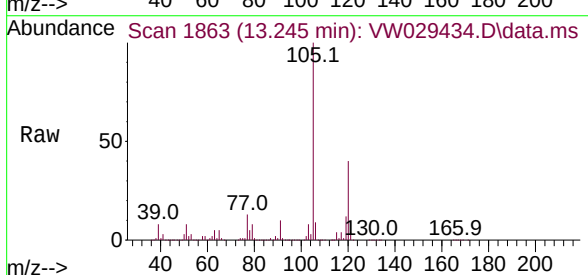
Ion	Ratio	Lower	Upper
105	100		
120	46.8	36.4	54.6

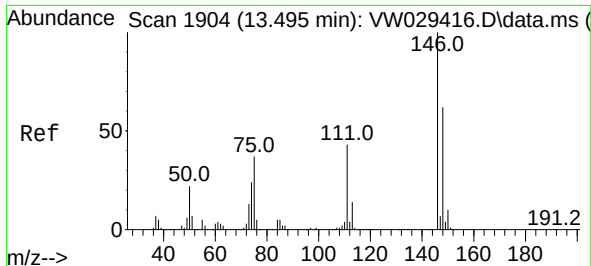


#63
 1,2,4-Trimethylbenzene
 Concen: 27.559 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW029434.D
 Acq: 01 Jul 2024 18:04

Tgt Ion:105 Resp: 343349

Ion	Ratio	Lower	Upper
105	100		
120	43.1	34.9	52.3





#64

1,3-Dichlorobenzene

Concen: 24.596 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

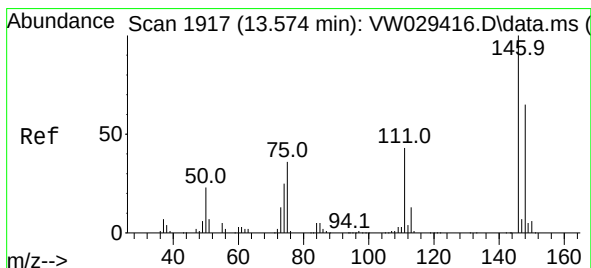
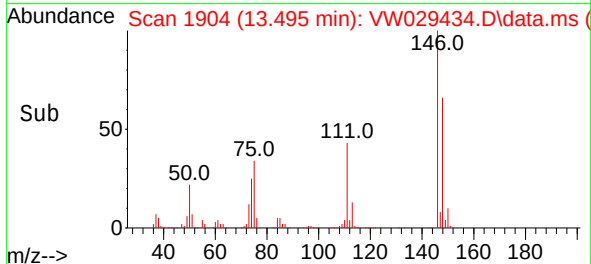
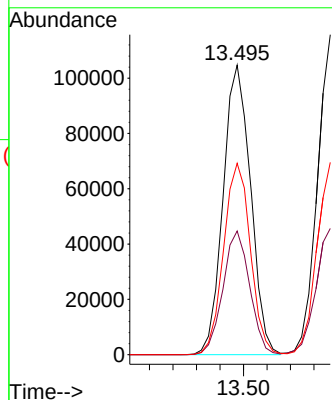
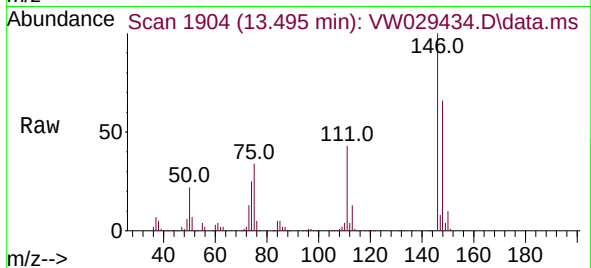
Tgt Ion:146 Resp: 170185

Ion Ratio Lower Upper

146 100

111 42.7 33.0 61.2

148 66.1 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 23.875 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

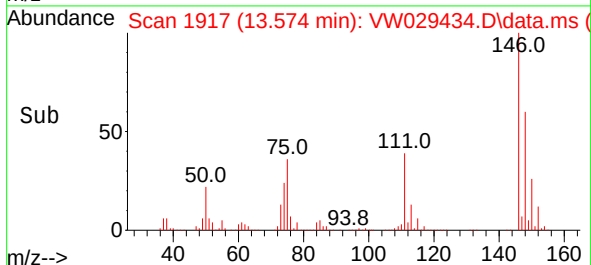
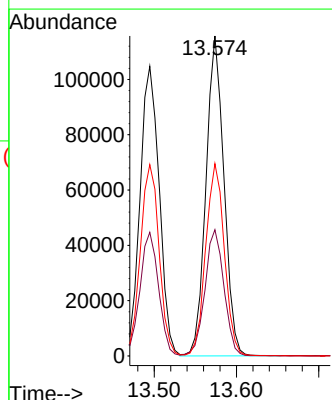
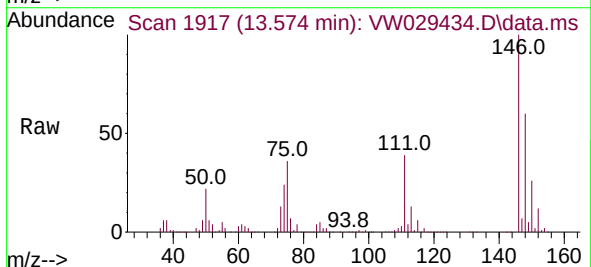
Tgt Ion:146 Resp: 175767

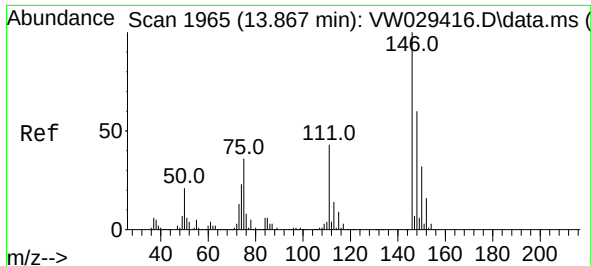
Ion Ratio Lower Upper

146 100

111 39.5 28.9 53.7

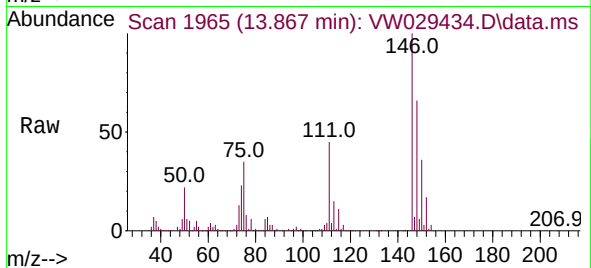
148 60.1 42.0 78.0



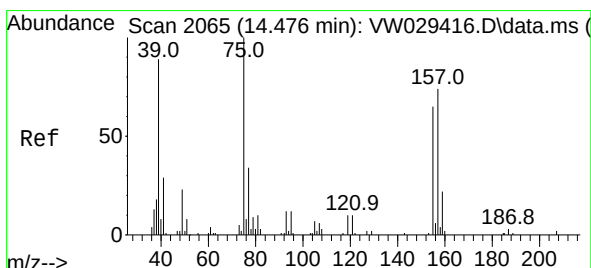
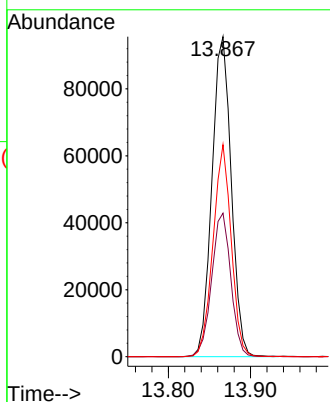
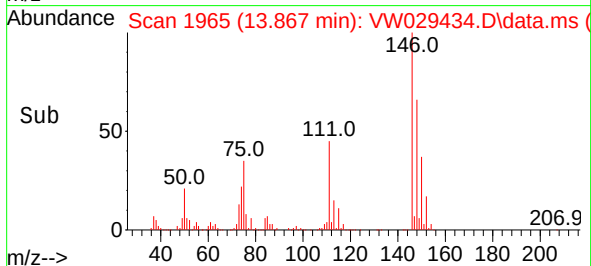


#67
1,2-Dichlorobenzene
Concen: 24.361 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04

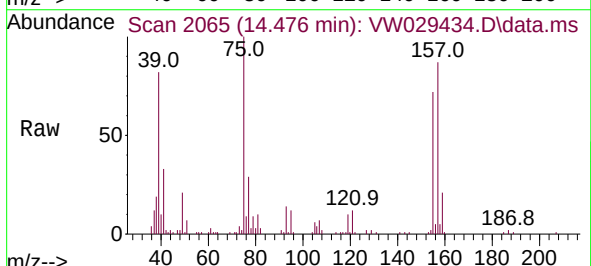
Instrument :
MSVOA_W
ClientSampleId :



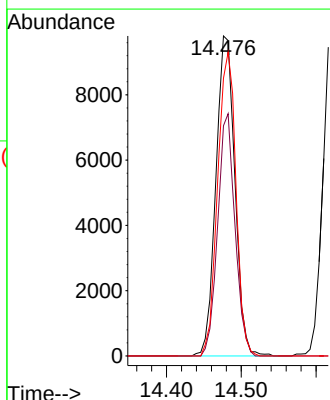
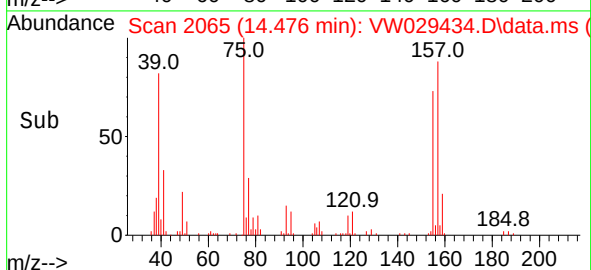
Tgt Ion:146 Resp: 155829
Ion Ratio Lower Upper
146 100
111 44.8 34.2 51.4
148 66.3 46.3 69.5

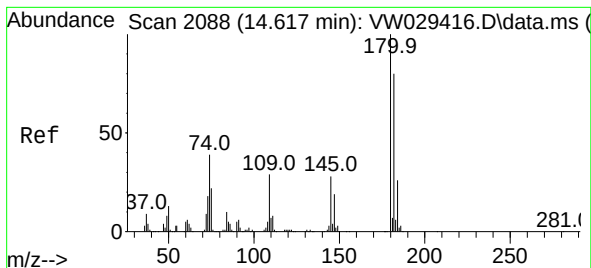


#68
1,2-Dibromo-3-chloropropane
Concen: 28.352 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029434.D
Acq: 01 Jul 2024 18:04



Tgt Ion: 75 Resp: 17317
Ion Ratio Lower Upper
75 100
155 72.0 51.0 76.6
157 86.8 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 14.684 ug/L

RT: 14.622 min Scan# 2088

Delta R.T. -0.000 min

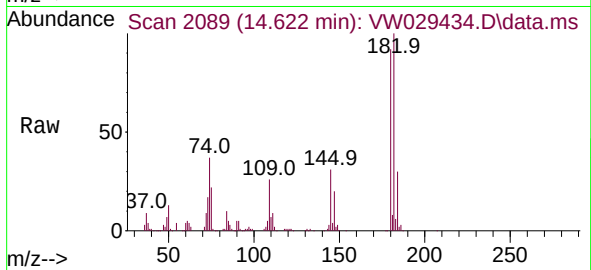
Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 68571

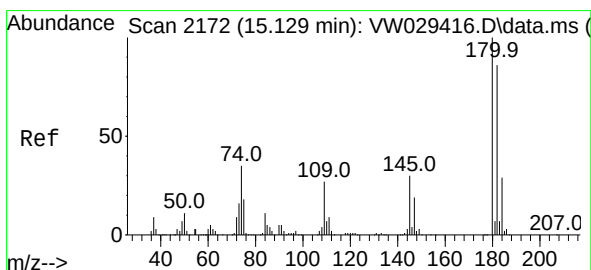
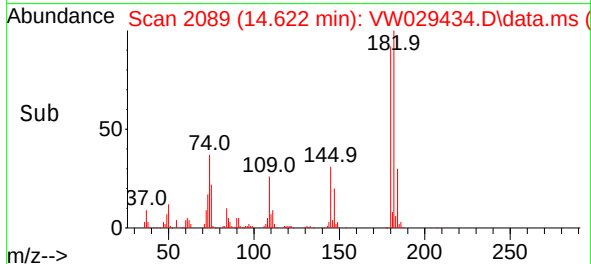
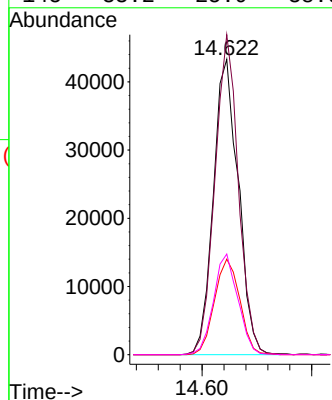
Ion Ratio Lower Upper

180 100

182 102.0 72.9 109.3

184 32.8 23.8 35.6

145 33.2 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 14.443 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

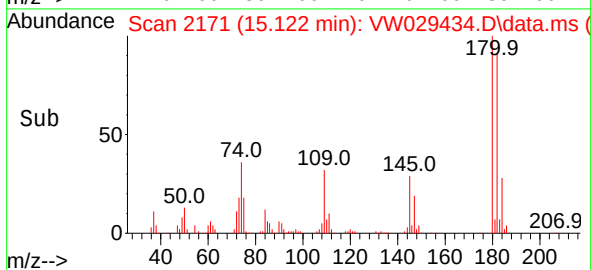
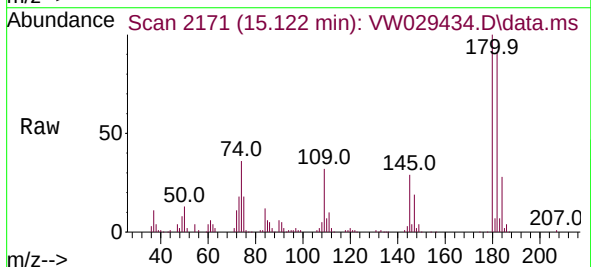
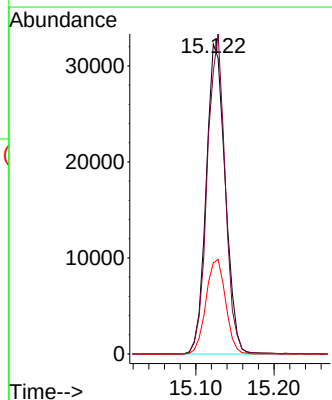
Tgt Ion:180 Resp: 54672

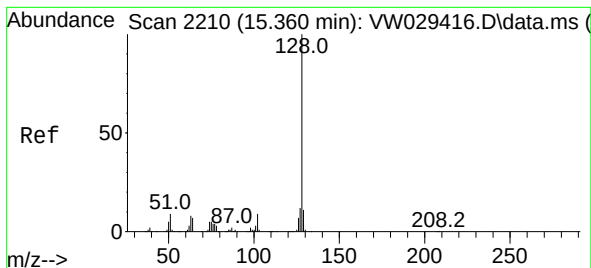
Ion Ratio Lower Upper

180 100

182 96.6 77.7 116.5

145 31.3 25.7 38.5





#71

Naphthalene

Concen: 20.140 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Instrument :

MSVOA_W

ClientSampleId :

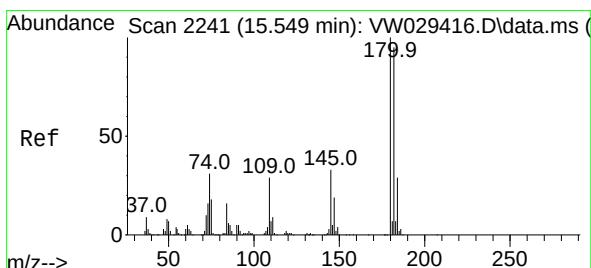
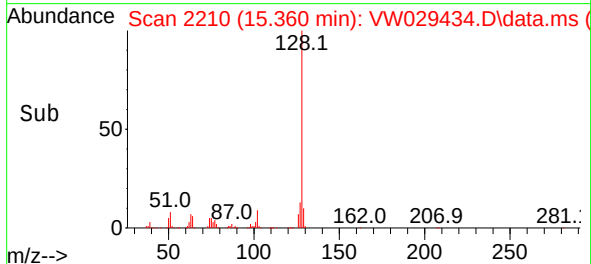
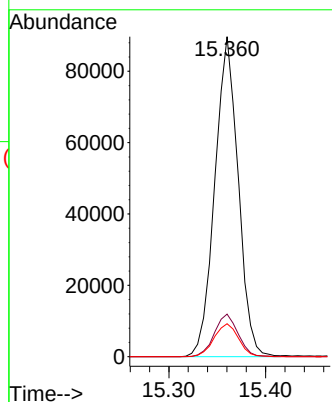
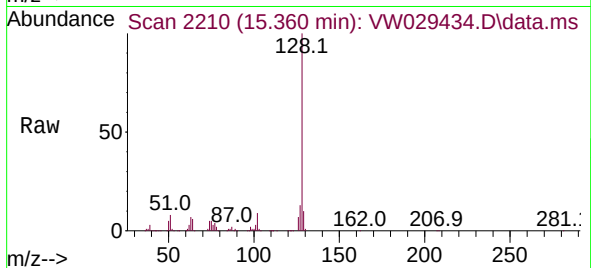
Tgt Ion:128 Resp: 150473

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 13.121 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029434.D

Acq: 01 Jul 2024 18:04

Tgt Ion:180 Resp: 45255

Ion Ratio Lower Upper

180 100

182 91.7 73.0 109.6

145 35.8 28.1 42.1

