

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060624\
 Data File : VW029033.D
 Acq On : 06 Jun 2024 13:06
 Operator : SY/MD
 Sample : P2696-10MSD
 Misc : 4.81g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 07 00:24:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 07 00:21:46 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	392491	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	264653	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	73648	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	159799	25.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.520%
7) Chloroethane-d5	2.899	69	129540	27.055	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.200%
11) 1,1-Dichloroethene-d2	4.021	65	67947	24.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.160%
21) 2-Butanone-d5	7.081	46	77453	60.797	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.600%
24) Chloroform-d	7.648	84	289094	25.818	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.280%
26) 1,2-Dichloroethane-d4	8.307	65	164724	27.943	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.760%
32) Benzene-d6	8.276	84	559871	34.467	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	137.880%#
36) 1,2-Dichloropropane-d6	9.270	67	174700	35.472	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	141.880%#
41) Toluene-d8	10.318	98	429125	29.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	118.400%
43) trans-1,3-Dichloroprop...	10.575	79	53151	28.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.360%
47) 2-Hexanone-d5	10.922	63	52569	80.884	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	161.760%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	103650	30.294	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.160%#
66) 1,2-Dichlorobenzene-d4	13.848	152	58921	22.545	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	86896	19.388	ug/L	100
3) Chloromethane	2.228	50	131610	24.036	ug/L	99
5) Vinyl chloride	2.375	62	151168	22.808	ug/L	100
6) Bromomethane	2.789	94	77719	19.571	ug/L	97
8) Chloroethane	2.936	64	92555	23.123	ug/L	97
9) Trichlorofluoromethane	3.271	101	117816	21.384	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	101199	18.616	ug/L	92
12) 1,1-Dichloroethene	4.045	96	111673	22.509	ug/L	94
13) Acetone	4.124	43	47787	35.794	ug/L	99
14) Carbon disulfide	4.393	76	316140	18.822	ug/L	98
15) Methyl Acetate	4.673	43	51470	23.212	ug/L	99
16) Methylene chloride	4.923	84	136261	23.132	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	120448	22.267	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	214217	28.400	ug/L	99
19) 1,1-Dichloroethane	6.216	63	255578	24.033	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	132292	23.329	ug/L	98
22) 2-Butanone	7.167	43	86684	53.883	ug/L	98
23) Bromochloromethane	7.514	128	59172	23.904	ug/L	96
25) Chloroform	7.679	83	241158	23.348	ug/L	97

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

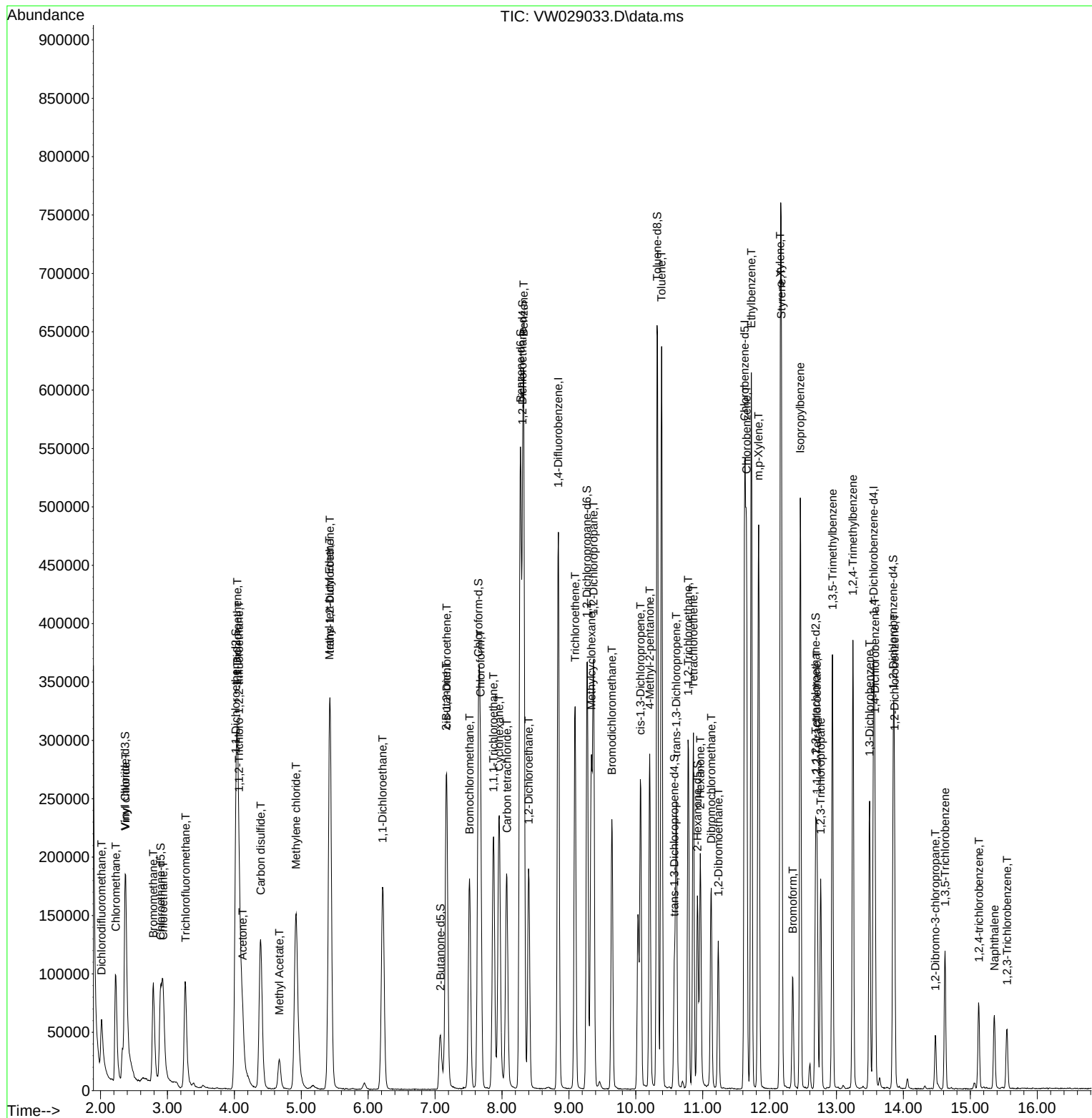
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	172399	24.907	ug/L	100
29) Cyclohexane	7.959	56	135738	20.628	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	175970	28.697	ug/L	100
31) Carbon tetrachloride	8.075	117	140398	25.137	ug/L	97
33) Benzene	8.325	78	510575	31.027	ug/L	100
34) Trichloroethene	9.093	95	114865	26.550	ug/L	92
35) Methylcyclohexane	9.337	83	102813	14.009	ug/L	99
37) 1,2-Dichloropropane	9.367	63	136857	31.758	ug/L	100
38) Bromodichloromethane	9.642	83	153468	29.201	ug/L	95
39) cis-1,3-Dichloropropene	10.069	75	155080	24.763	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	193066	88.082	ug/L	98
42) Toluene	10.386	91	443711	26.394	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	130909	25.928	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	92345	31.729	ug/L	95
46) Tetrachloroethene	10.861	164	65546	19.941	ug/L	92
48) 2-Hexanone	10.965	43	140426	85.449	ug/L	94
49) Dibromochloromethane	11.129	129	88829	28.897	ug/L	99
50) 1,2-Dibromoethane	11.233	107	81565	30.700	ug/L	94
51) Chlorobenzene	11.654	112	232867	21.564	ug/L	93
52) Ethylbenzene	11.727	91	409719	21.451	ug/L	96
53) m,p-Xylene	11.836	106	145434	20.557	ug/L	92
54) o-Xylene	12.160	106	139322	21.268	ug/L	95
55) Styrene	12.178	104	216623	19.180	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	89300	27.180	ug/L	98
59) Bromoform	12.349	173	42257	44.621	ug/L	100
60) Isopropylbenzene	12.458	105	307404	29.493	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	74426	53.574	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	192368	25.376	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	200913	25.078	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	94377	21.070	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	95382	20.389	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	81744	20.362	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	12466	42.101	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	35867	11.663	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	22109	8.870	ug/L	100
71) Naphthalene	15.360	128	52495	12.361	ug/L	97
72) 1,2,3-Trichlorobenzene	15.549	180	16704	7.844	ug/L	100

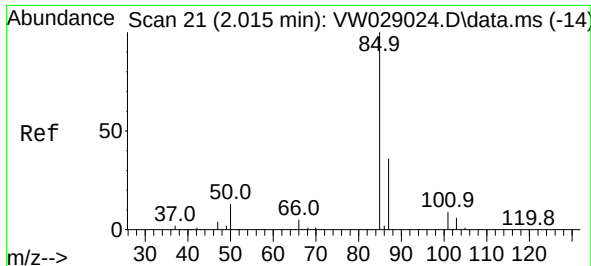
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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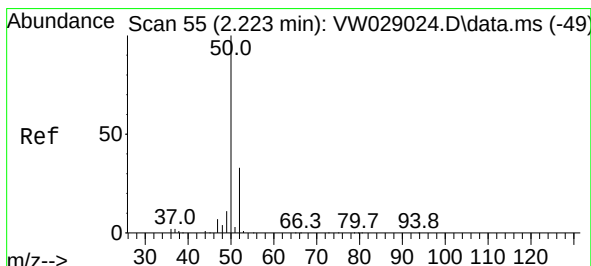
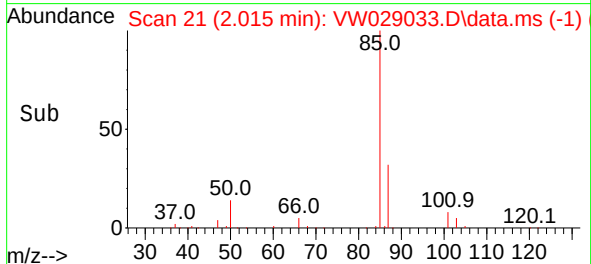
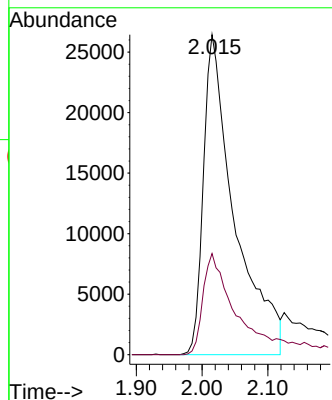
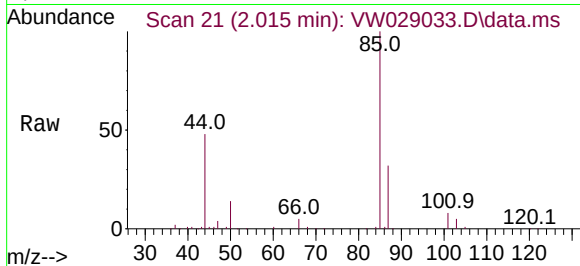




#2
Dichlorodifluoromethane
Concen: 19.388 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

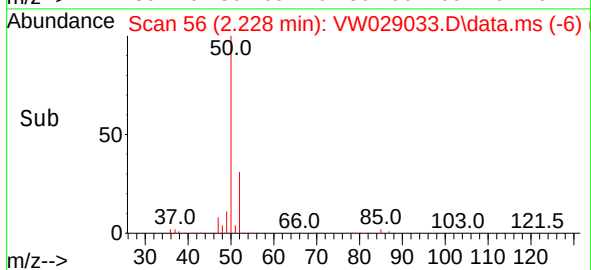
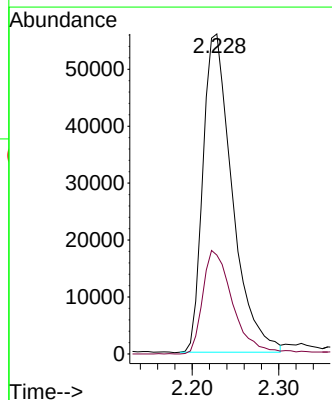
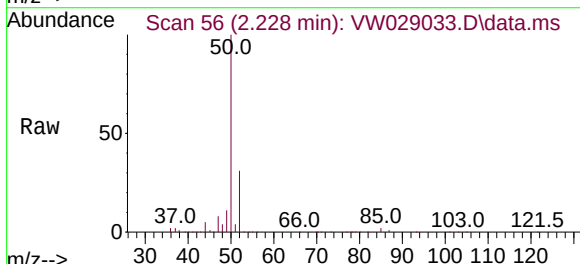
Instrument :
MSVOA_W
ClientSampleId :

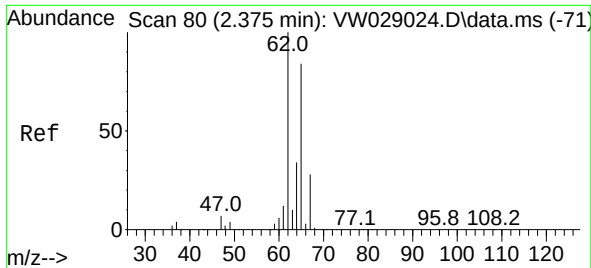
Tgt Ion: 85 Resp: 86896
Ion Ratio Lower Upper
85 100
87 31.5 25.3 37.9



#3
Chloromethane
Concen: 24.036 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion: 50 Resp: 131610
Ion Ratio Lower Upper
50 100
52 30.9 22.1 41.1

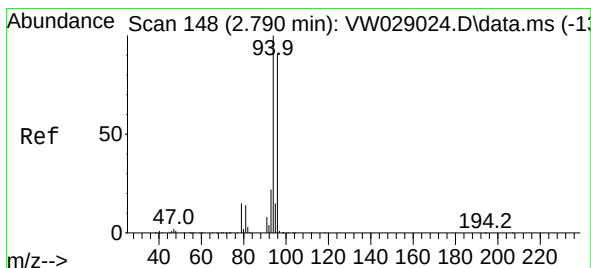
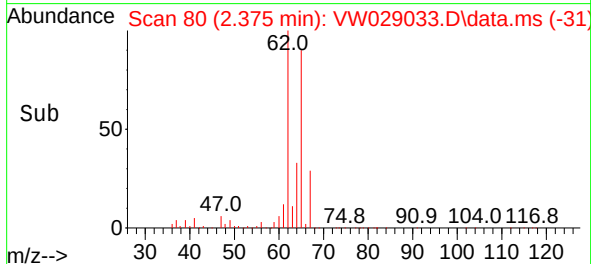
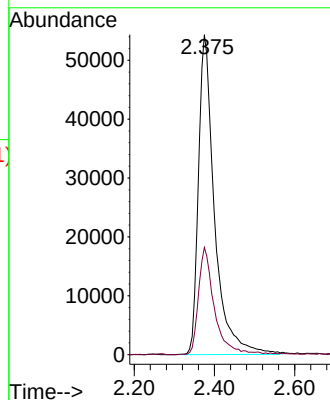
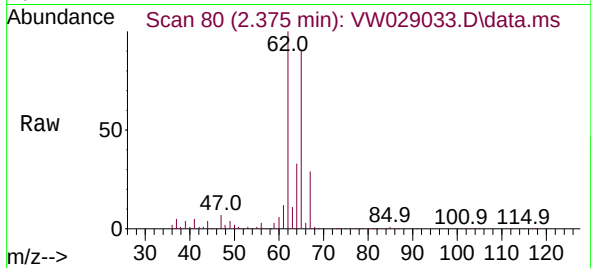




#5
 Vinyl chloride
 Concen: 22.808 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029033.D
 Acq: 06 Jun 2024 13:06

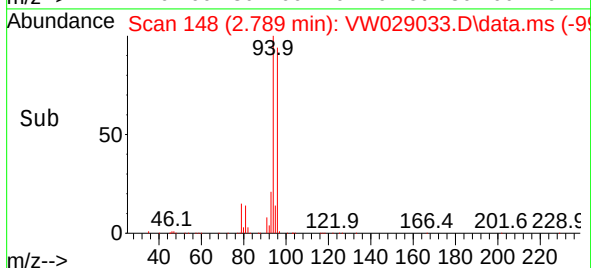
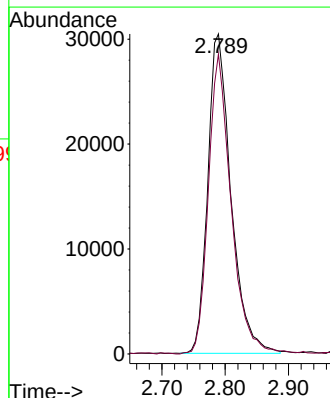
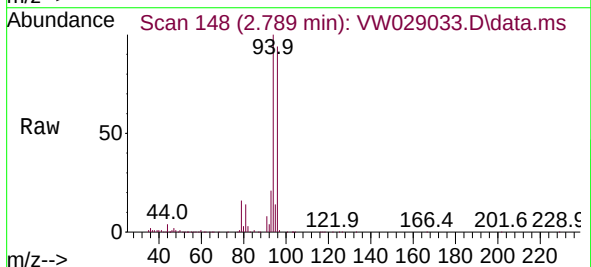
Instrument :
 MSVOA_W
 ClientSampleId :

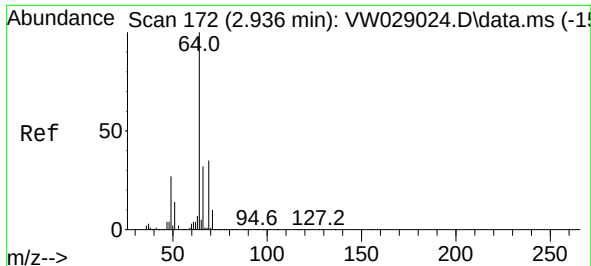
Tgt Ion: 62 Resp: 151168
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.4 43.4



#6
 Bromomethane
 Concen: 19.571 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029033.D
 Acq: 06 Jun 2024 13:06

Tgt Ion: 94 Resp: 77719
 Ion Ratio Lower Upper
 94 100
 96 93.7 63.7 118.3





#8

Chloroethane

Concen: 23.123 ug/L

RT: 2.936 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

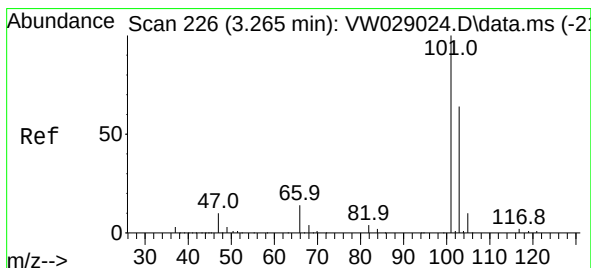
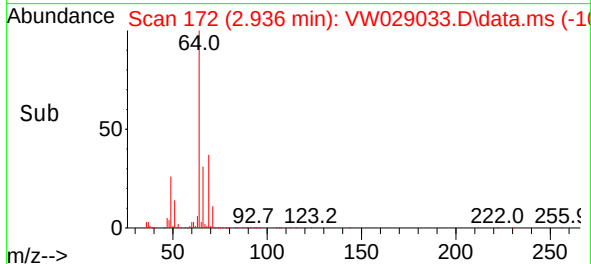
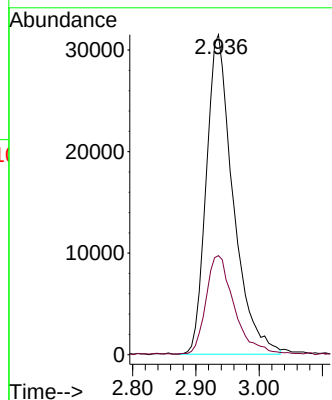
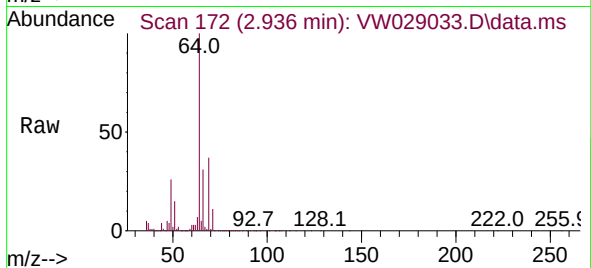
ClientSampleId :

Tgt Ion: 64 Resp: 92555

Ion Ratio Lower Upper

64 100

66 31.0 22.9 42.5



#9

Trichlorofluoromethane

Concen: 21.384 ug/L

RT: 3.271 min Scan# 227

Delta R.T. 0.006 min

Lab File: VW029033.D

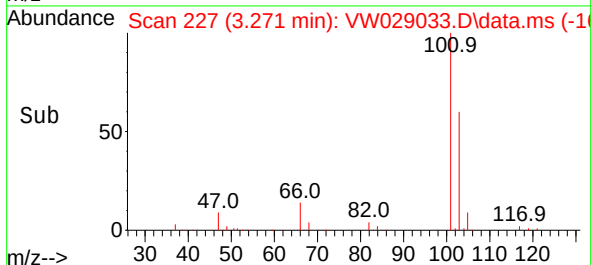
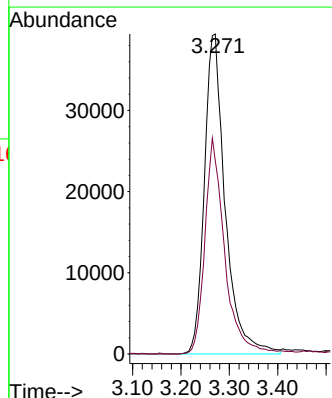
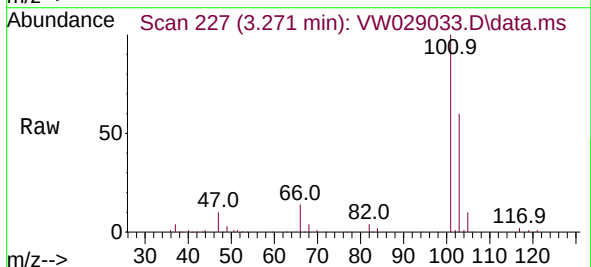
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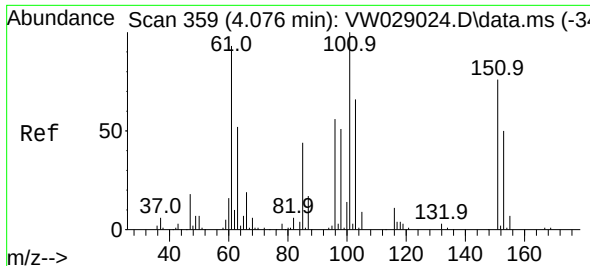
Tgt Ion:101 Resp: 117816

Ion Ratio Lower Upper

101 100

103 64.1 51.3 76.9





#10

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

Concen: 18.616 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

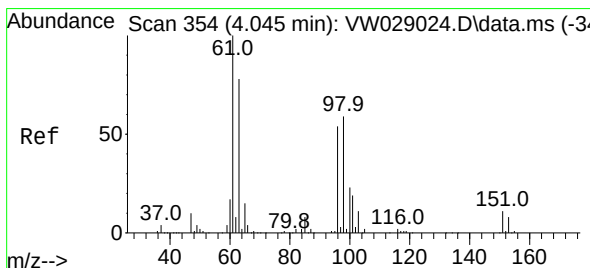
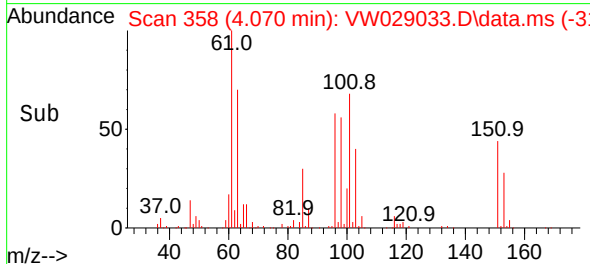
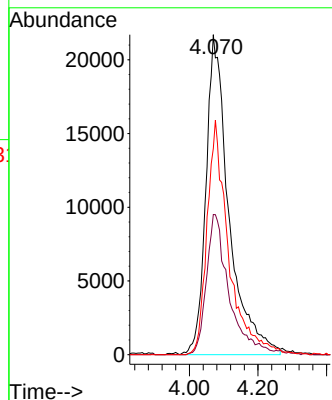
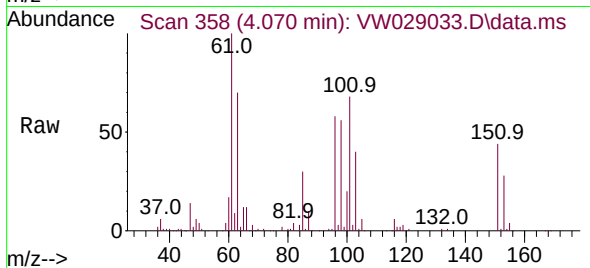
Tgt Ion:101 Resp: 101199

Ion Ratio Lower Upper

101 100

85 40.5 35.8 53.8

151 65.0 58.5 87.7



#12

1,1-Dichloroethene

Concen: 22.509 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

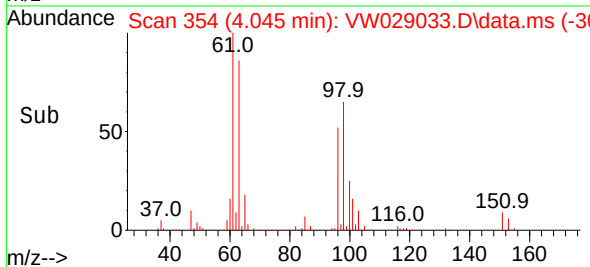
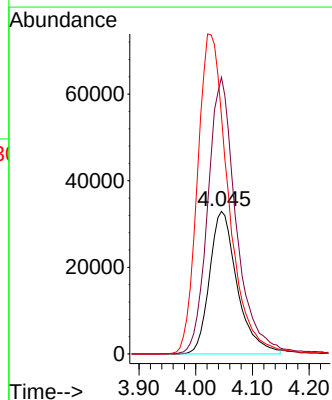
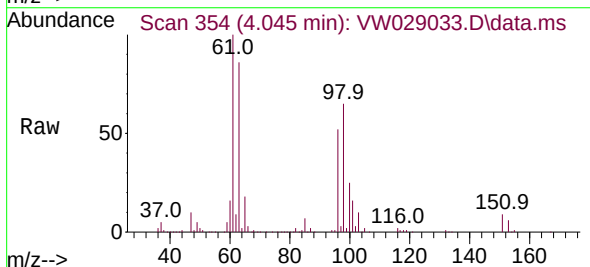
Tgt Ion: 96 Resp: 111673

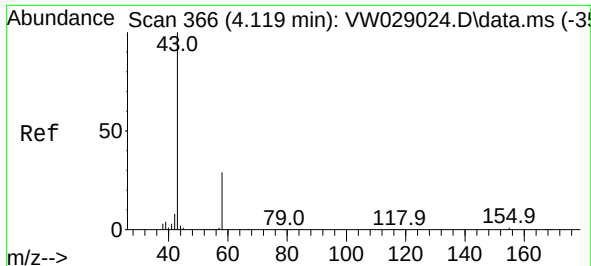
Ion Ratio Lower Upper

96 100

61 194.0 132.2 245.4

63 166.9 108.4 201.2

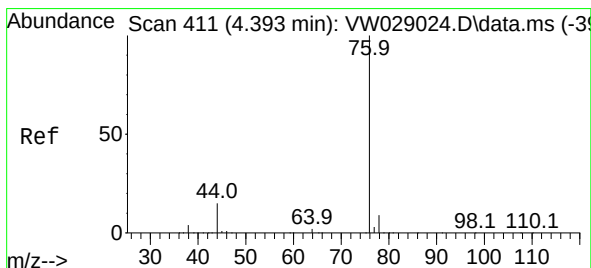
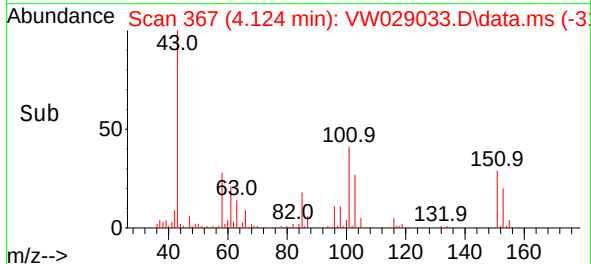
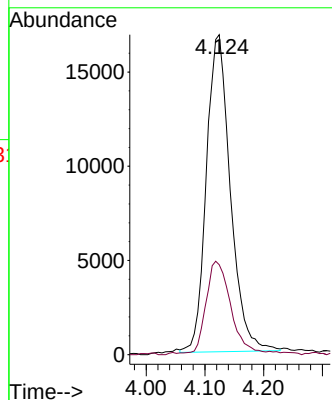
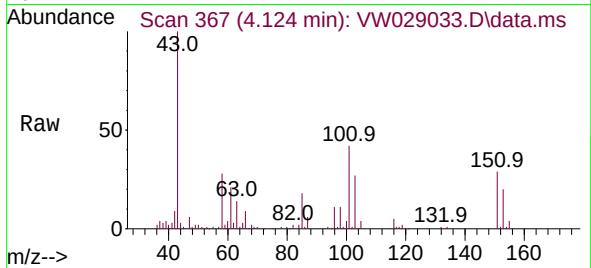




#13
Acetone
Concen: 35.794 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

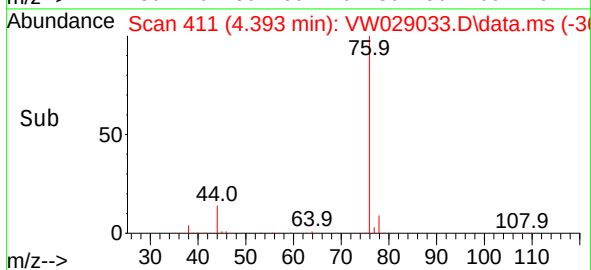
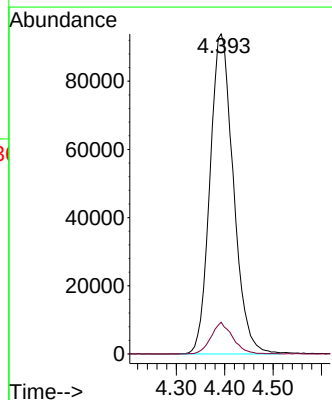
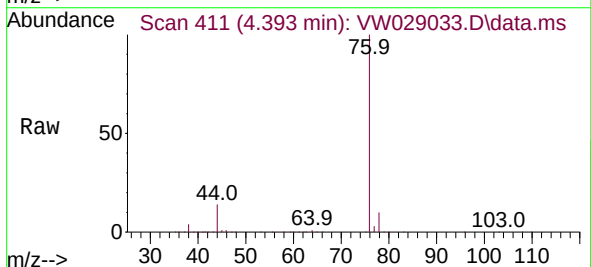
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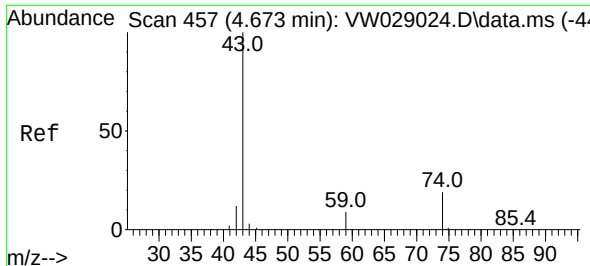
Tgt Ion: 43 Resp: 47787
Ion Ratio Lower Upper
43 100
58 30.2 0.0 59.4



#14
Carbon disulfide
Concen: 18.822 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 316140
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8

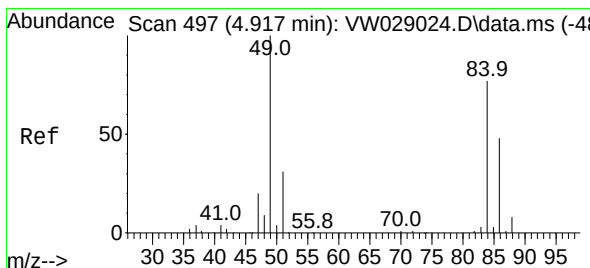
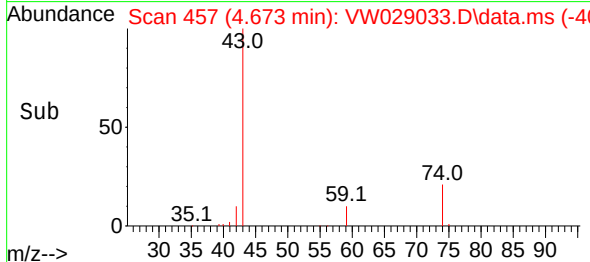
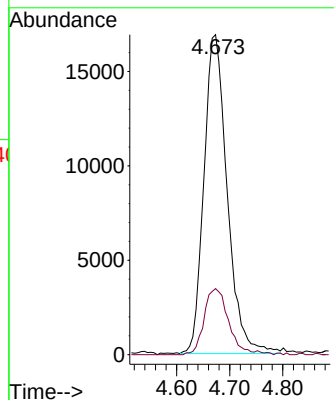
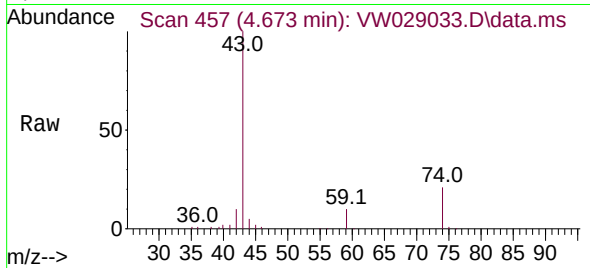




#15
Methyl Acetate
Concen: 23.212 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

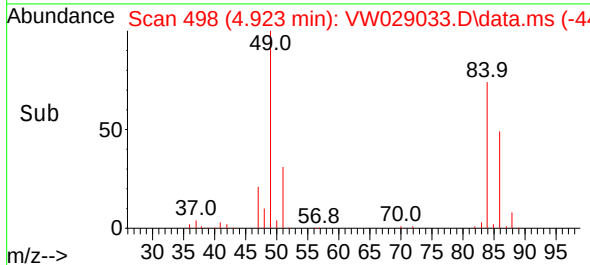
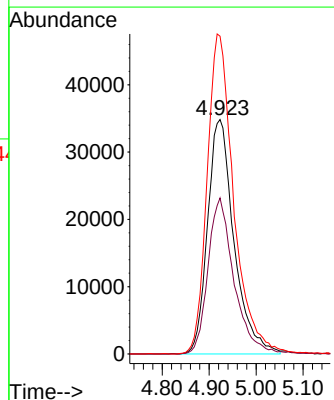
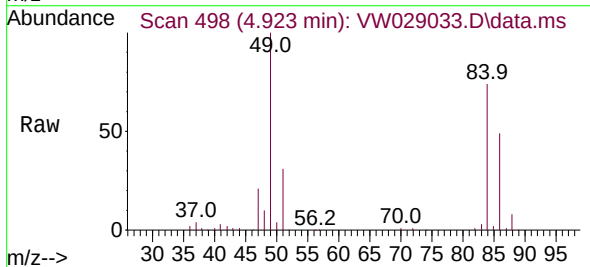
Instrument :
MSVOA_W
ClientSampleId :

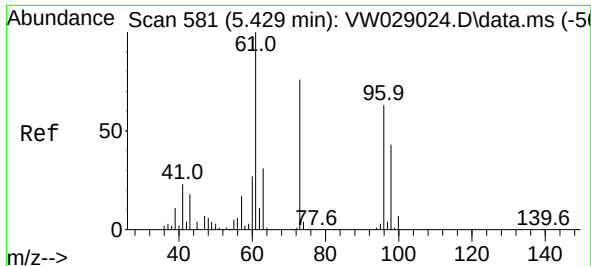
Tgt Ion: 43 Resp: 51470
Ion Ratio Lower Upper
43 100
74 21.4 17.4 26.2



#16
Methylene chloride
Concen: 23.132 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion: 84 Resp: 136261
Ion Ratio Lower Upper
84 100
86 66.5 43.8 81.4
49 135.6 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 22.267 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

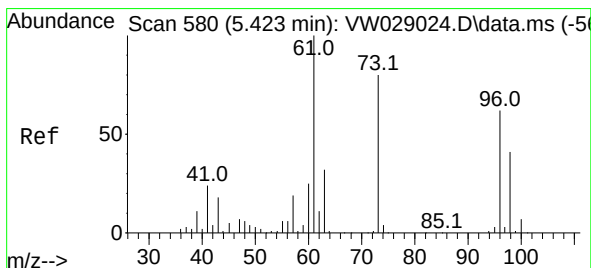
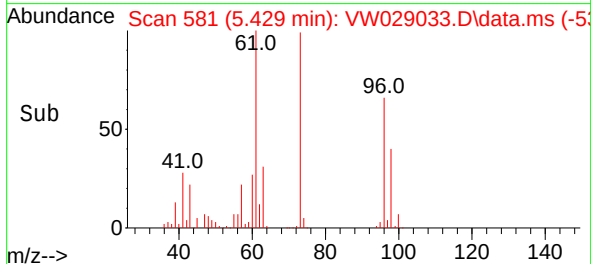
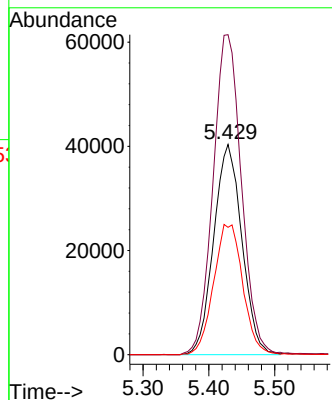
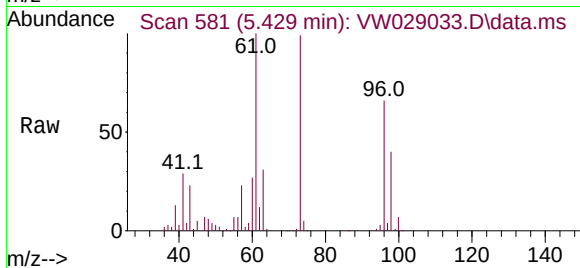
Tgt Ion: 96 Resp: 120448

Ion Ratio Lower Upper

96 100

61 152.1 104.6 194.2

98 60.6 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 28.400 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

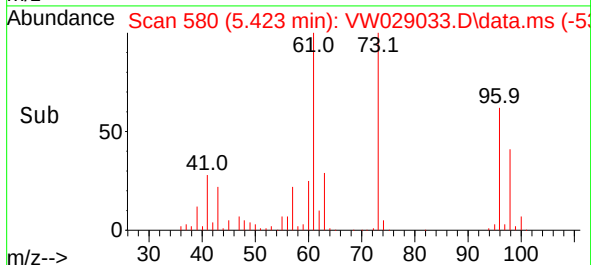
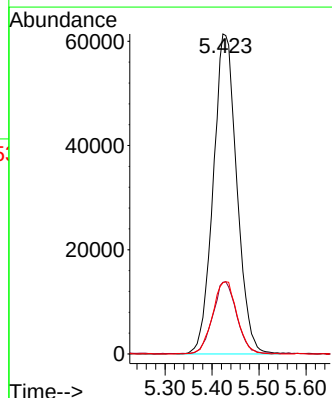
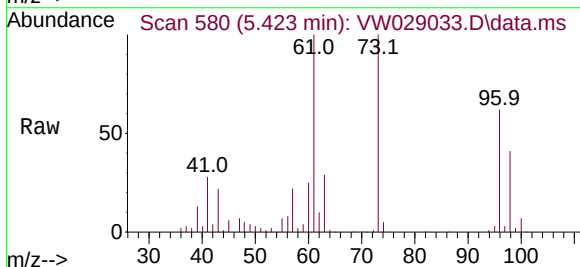
Tgt Ion: 73 Resp: 214217

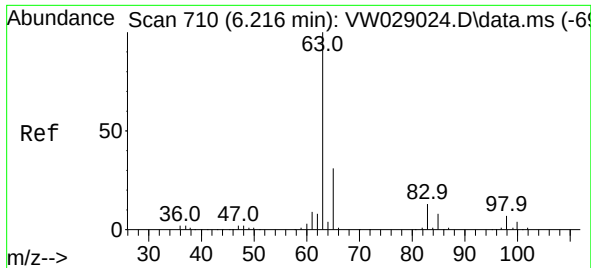
Ion Ratio Lower Upper

73 100

43 22.4 17.8 26.6

57 23.4 18.4 27.6





#19

1,1-Dichloroethane

Concen: 24.033 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

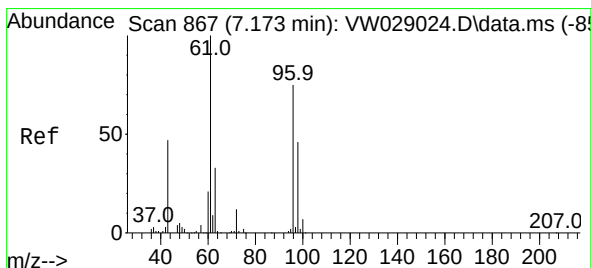
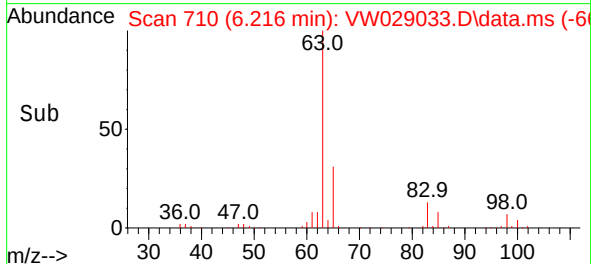
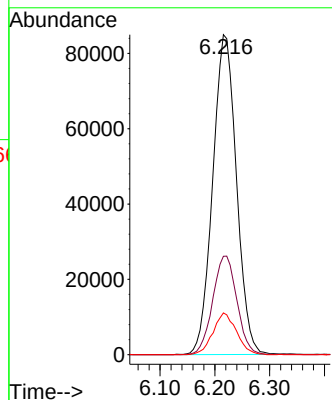
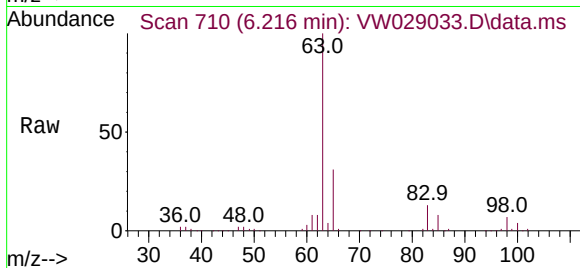
Tgt Ion: 63 Resp: 255578

Ion Ratio Lower Upper

63 100

65 30.7 21.8 40.6

83 13.1 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 23.329 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

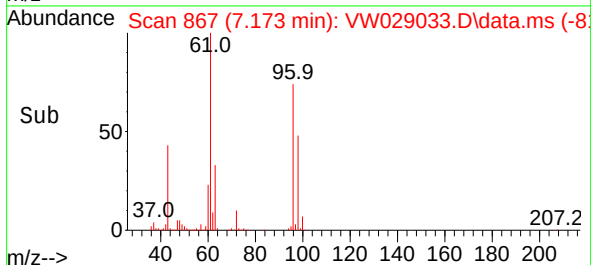
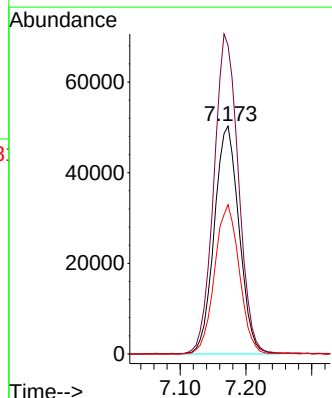
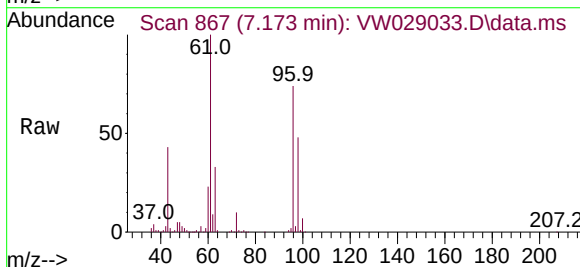
Tgt Ion: 96 Resp: 132292

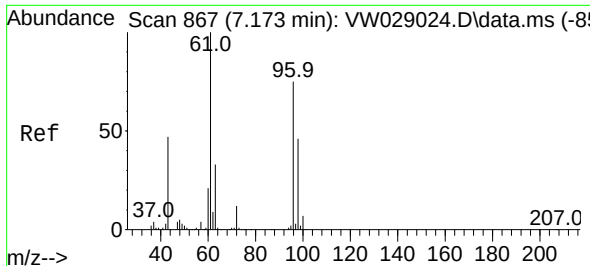
Ion Ratio Lower Upper

96 100

61 135.3 92.9 172.5

98 65.5 45.2 84.0





#22

2-Butanone

Concen: 53.883 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

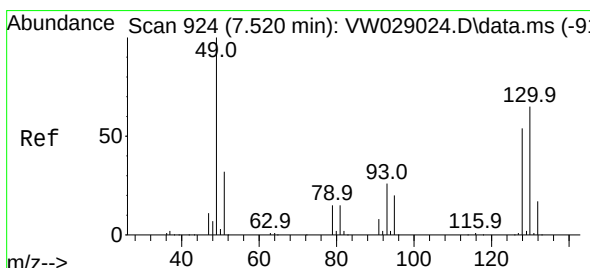
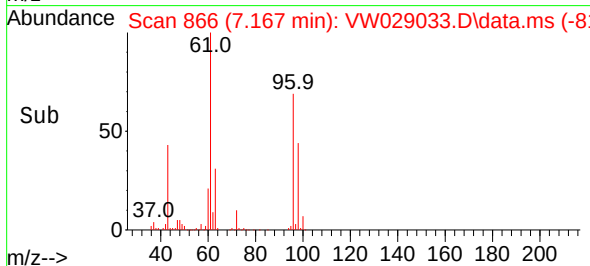
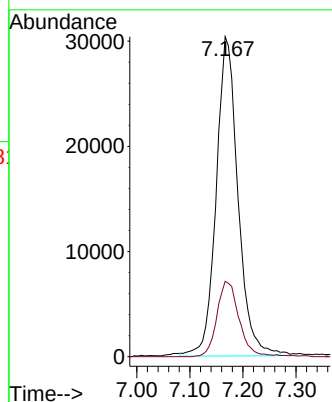
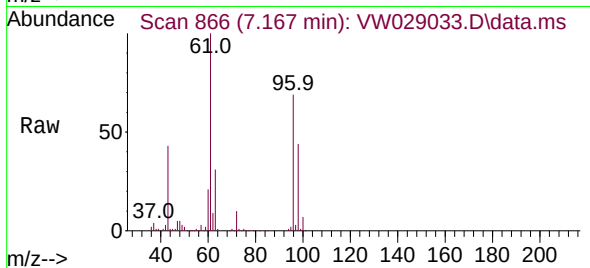
ClientSampleId :

Tgt Ion: 43 Resp: 86684

Ion Ratio Lower Upper

43 100

72 23.8 12.5 37.5



#23

Bromochloromethane

Concen: 23.904 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Tgt Ion: 128 Resp: 59172

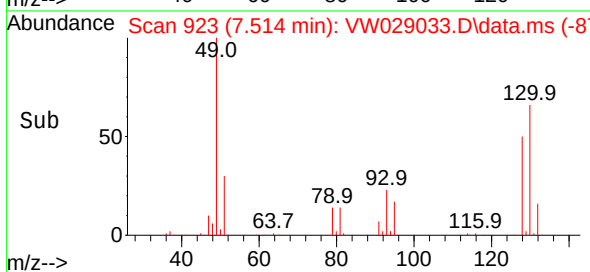
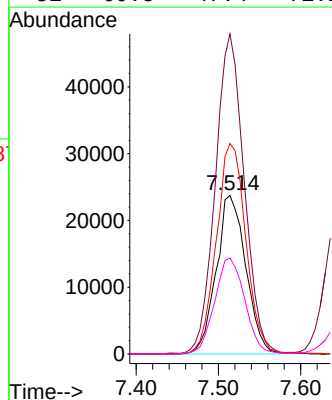
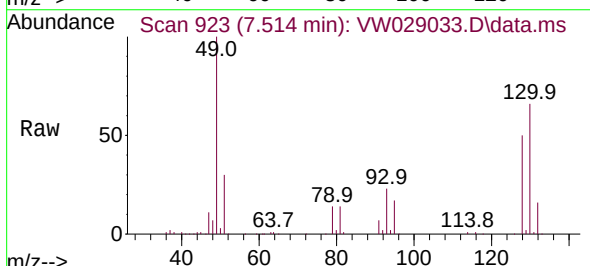
Ion Ratio Lower Upper

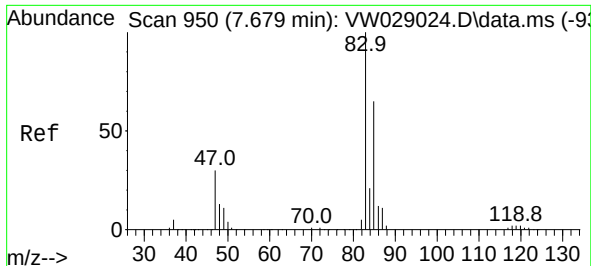
128 100

49 201.7 135.9 252.3

130 132.7 89.0 165.2

51 60.5 47.4 71.2





#25

Chloroform

Concen: 23.348 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

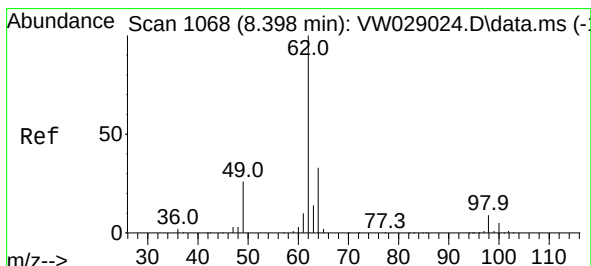
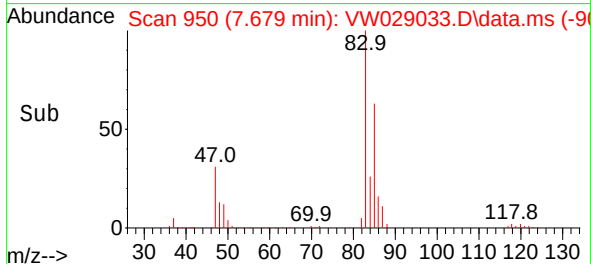
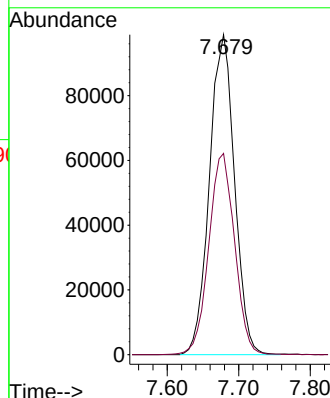
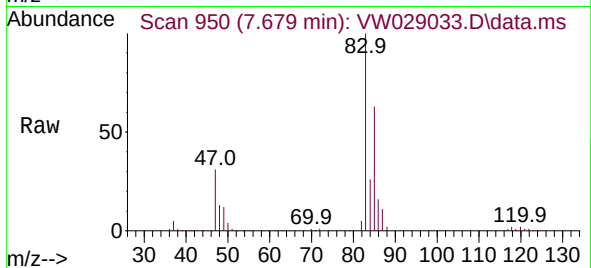
ClientSampleId :

Tgt Ion: 83 Resp: 241158

Ion Ratio Lower Upper

83 100

85 62.9 45.8 85.2



#27

1,2-Dichloroethane

Concen: 24.907 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029033.D

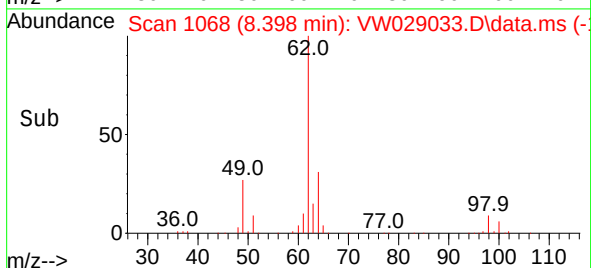
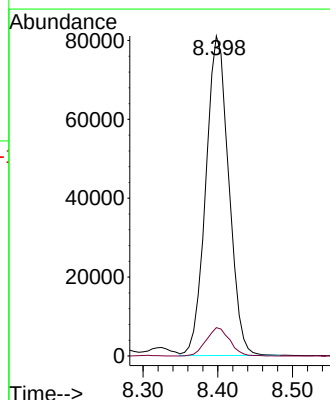
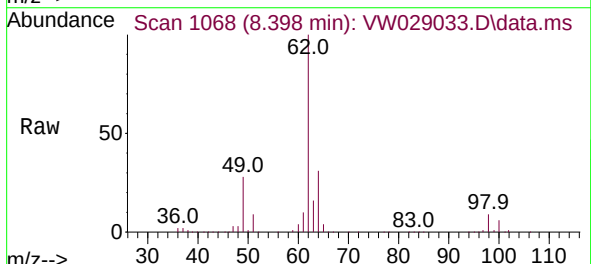
Acq: 06 Jun 2024 13:06

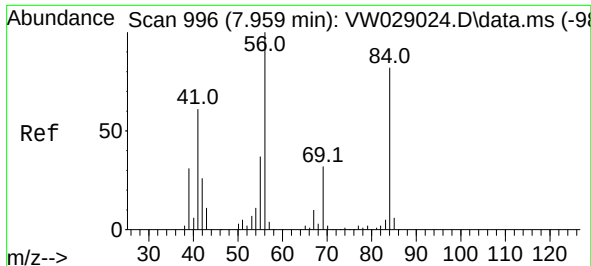
Tgt Ion: 62 Resp: 172399

Ion Ratio Lower Upper

62 100

98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 20.628 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

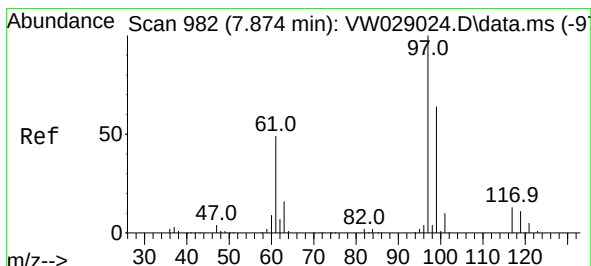
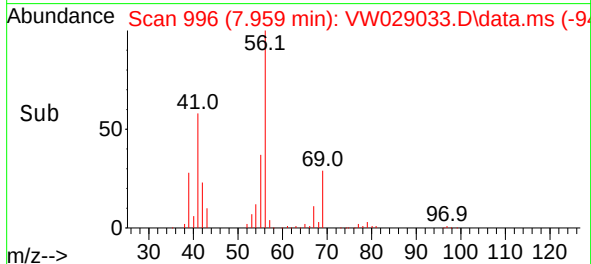
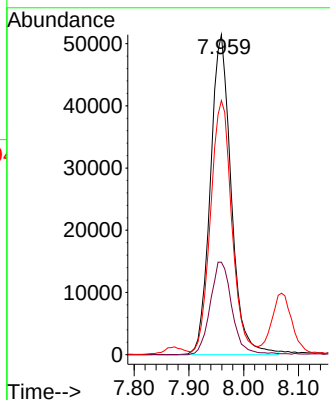
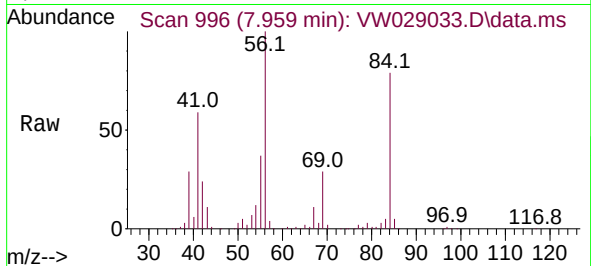
Tgt Ion: 56 Resp: 135738

Ion Ratio Lower Upper

56 100

69 29.9 24.2 36.4

84 81.0 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 28.697 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

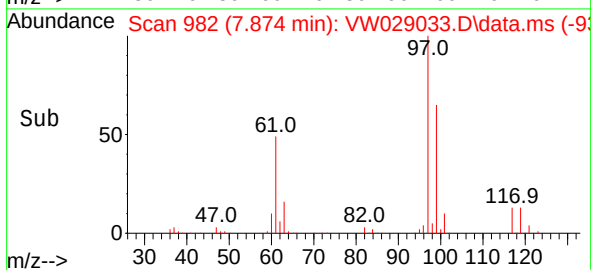
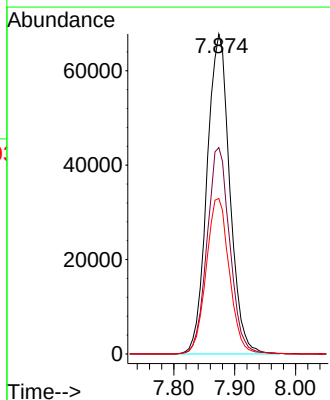
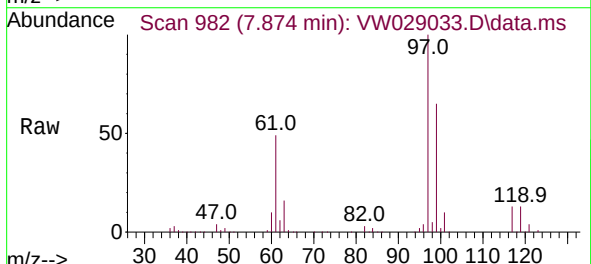
Tgt Ion: 97 Resp: 175970

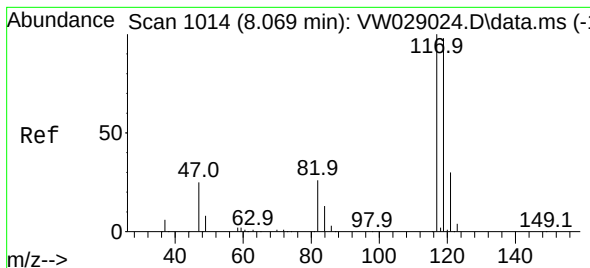
Ion Ratio Lower Upper

97 100

99 64.6 51.6 77.4

61 49.6 39.6 59.4





#31

Carbon tetrachloride

Concen: 25.137 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.006 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

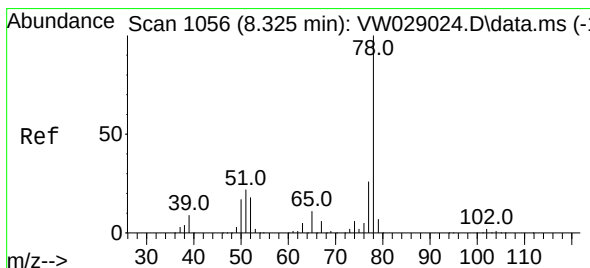
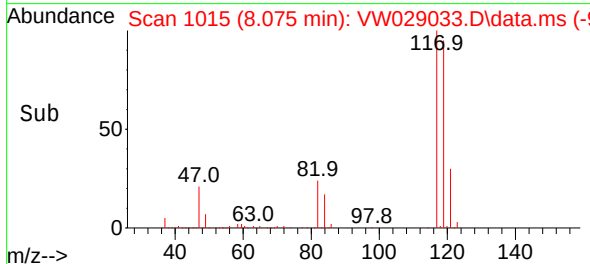
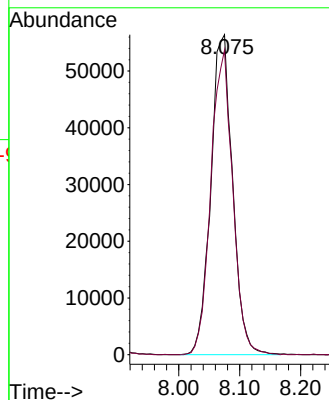
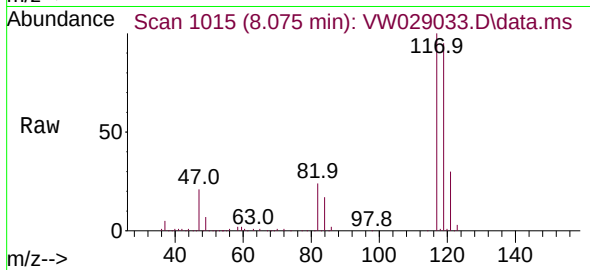
ClientSampleId :

Tgt Ion:117 Resp: 140398

Ion Ratio Lower Upper

117 100

119 95.6 78.8 118.2



#33

Benzene

Concen: 31.027 ug/L

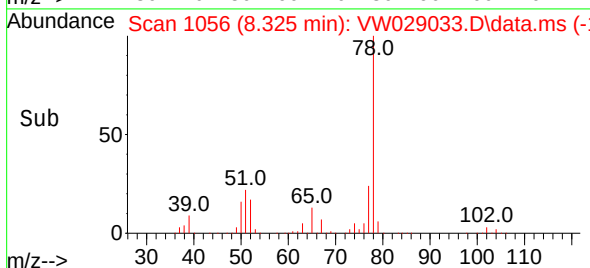
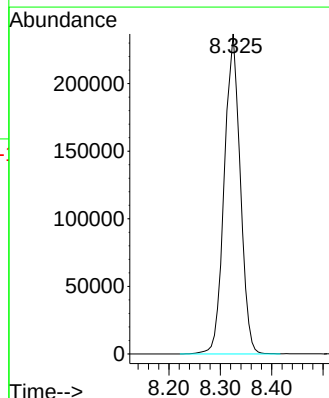
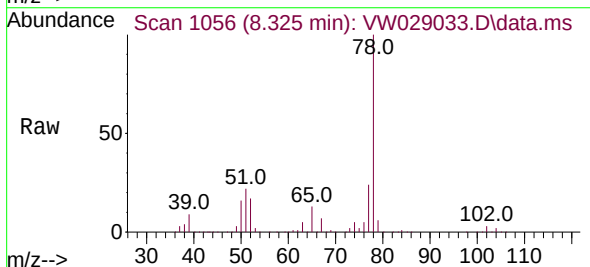
RT: 8.325 min Scan# 1056

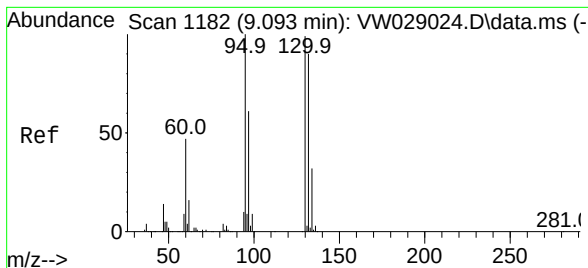
Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Tgt Ion: 78 Resp: 510575





#34

Trichloroethene

Concen: 26.550 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

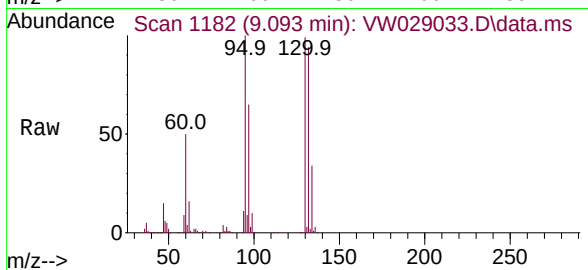
Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 114865

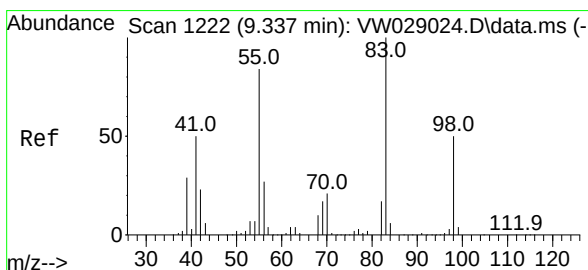
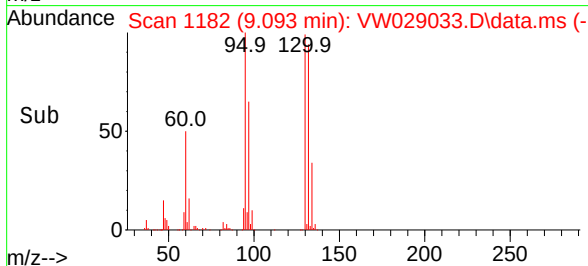
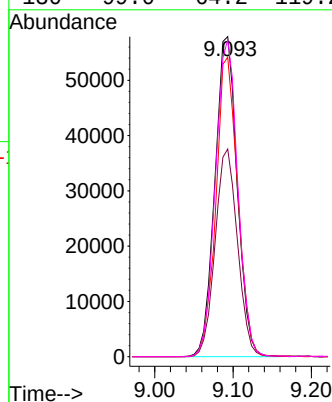
Ion Ratio Lower Upper

95 100

97 64.9 41.9 77.7

132 93.6 60.1 111.5

130 99.0 64.2 119.2



#35

Methylcyclohexane

Concen: 14.009 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

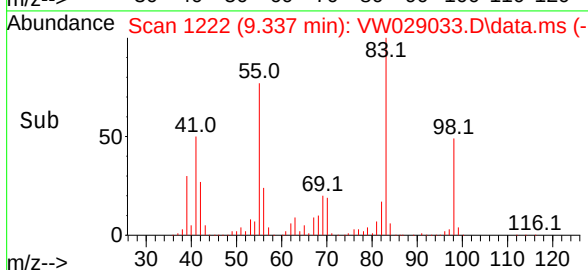
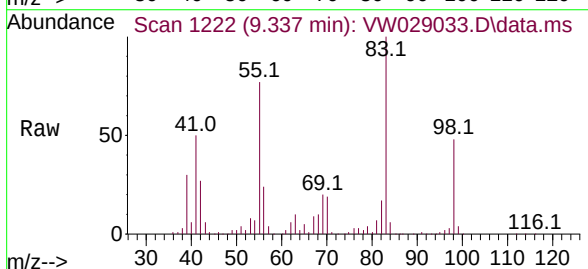
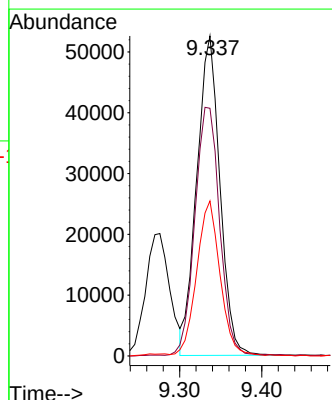
Tgt Ion: 83 Resp: 102813

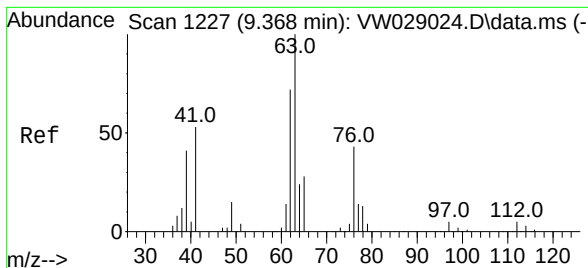
Ion Ratio Lower Upper

83 100

55 83.4 65.8 98.6

98 49.2 38.4 57.6





#37

1,2-Dichloropropane

Concen: 31.758 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

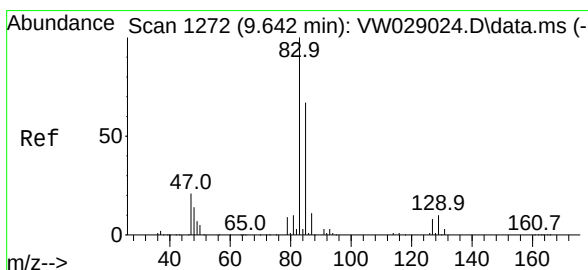
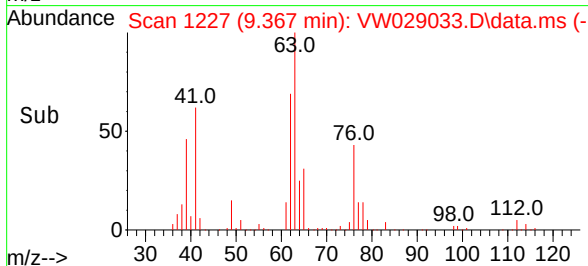
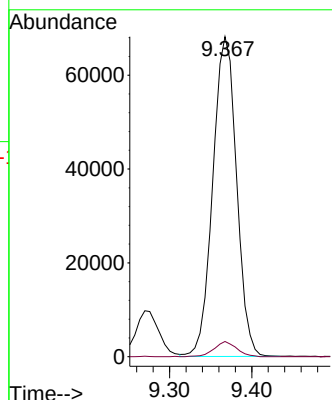
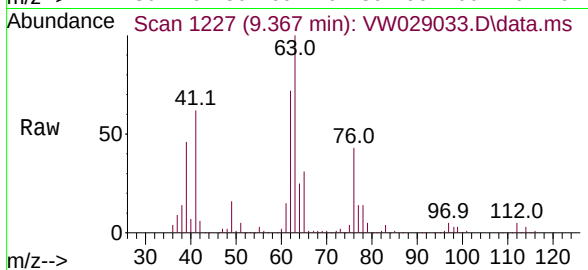
ClientSampleId :

Tgt Ion: 63 Resp: 136857

Ion Ratio Lower Upper

63 100

112 4.5 3.6 5.4



#38

Bromodichloromethane

Concen: 29.201 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

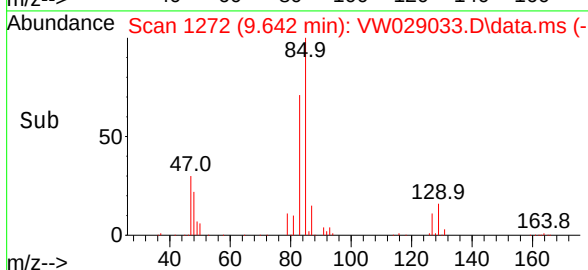
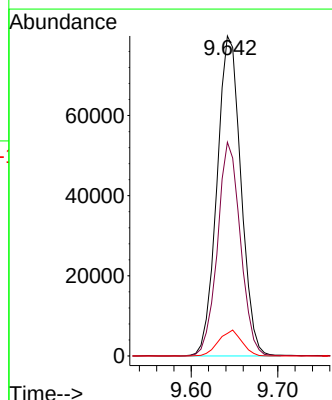
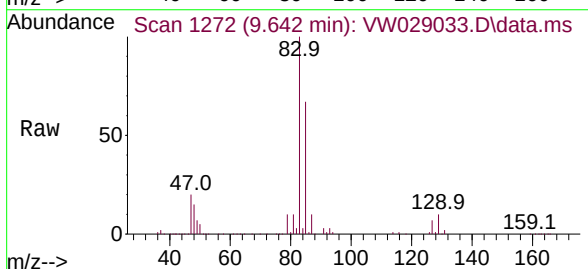
Tgt Ion: 83 Resp: 153468

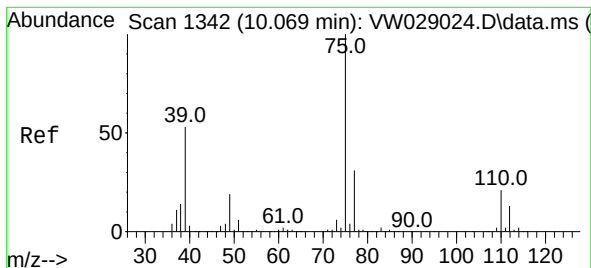
Ion Ratio Lower Upper

83 100

85 66.8 43.9 81.5

127 7.1 5.4 8.2

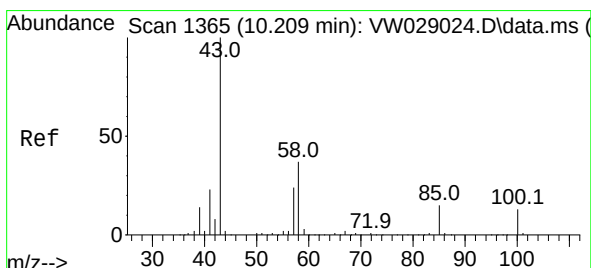
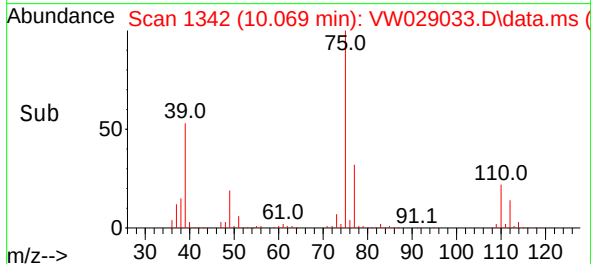
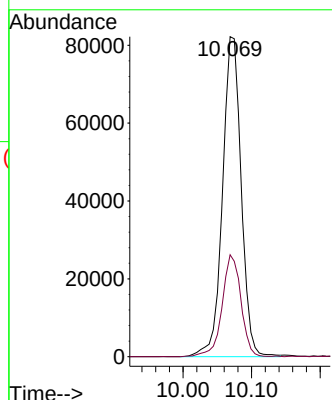
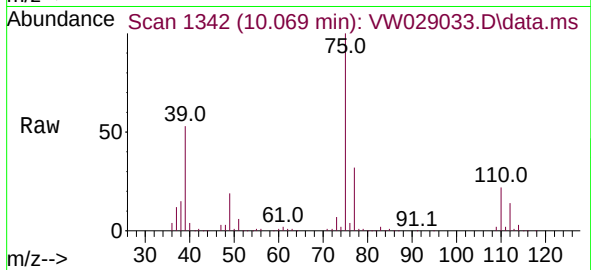




#39
cis-1,3-Dichloropropene
Concen: 24.763 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

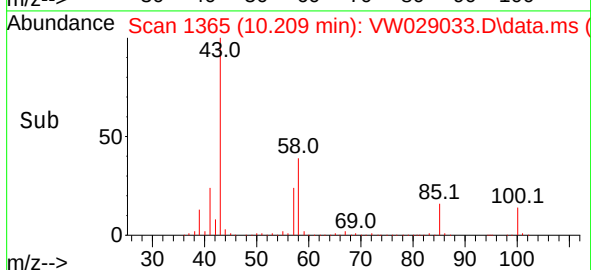
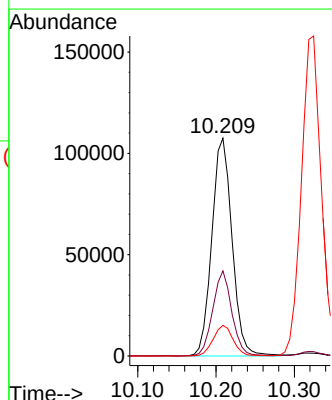
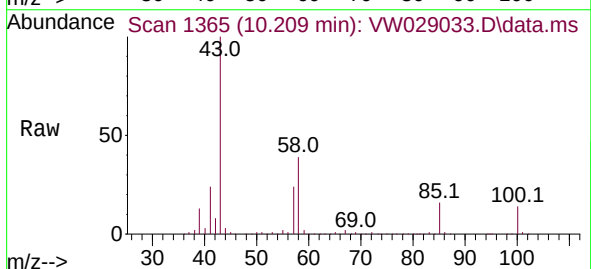
Instrument :
MSVOA_W
ClientSampleId :

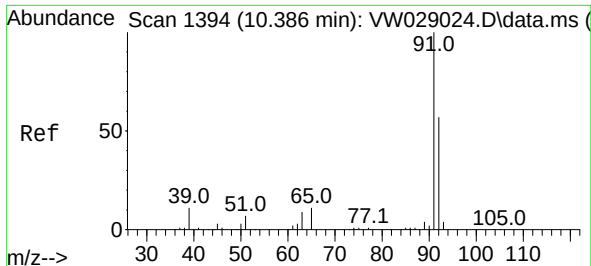
Tgt Ion: 75 Resp: 155080
Ion Ratio Lower Upper
75 100
77 31.9 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 88.082 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion: 43 Resp: 193066
Ion Ratio Lower Upper
43 100
58 36.9 30.3 45.5
100 13.9 10.7 16.1

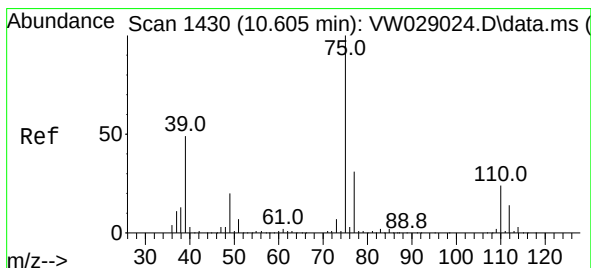
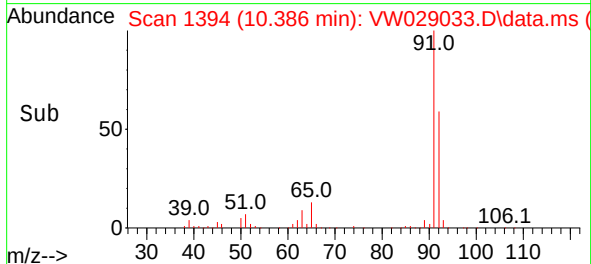
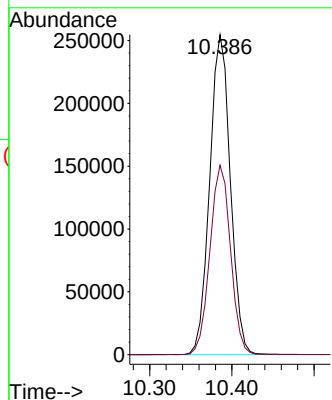
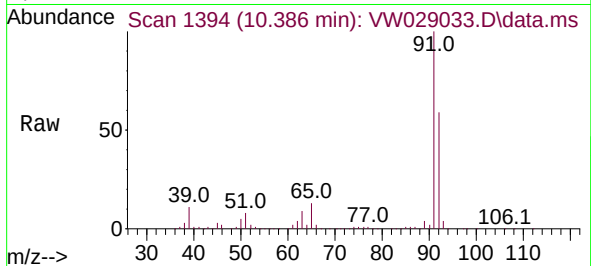




#42
Toluene
Concen: 26.394 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

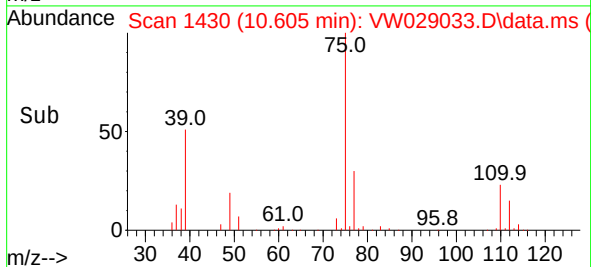
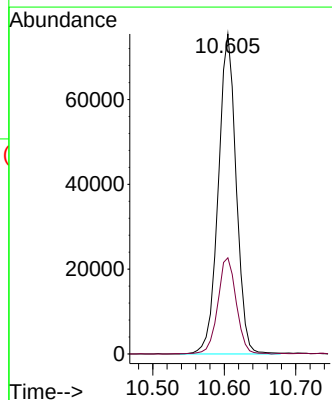
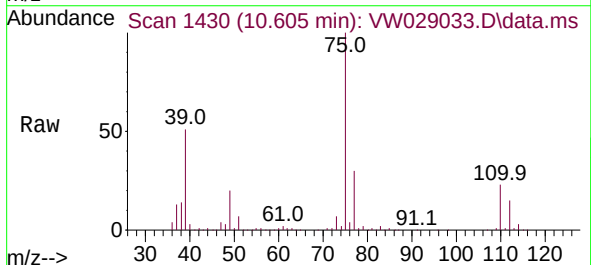
Instrument :
MSVOA_W
ClientSampleId :

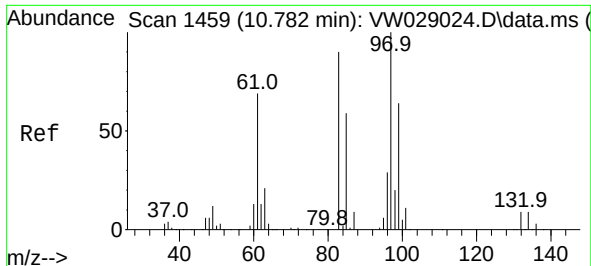
Tgt Ion: 91 Resp: 443711
Ion Ratio Lower Upper
91 100
92 59.2 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 25.928 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion: 75 Resp: 130909
Ion Ratio Lower Upper
75 100
77 30.1 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 31.729 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

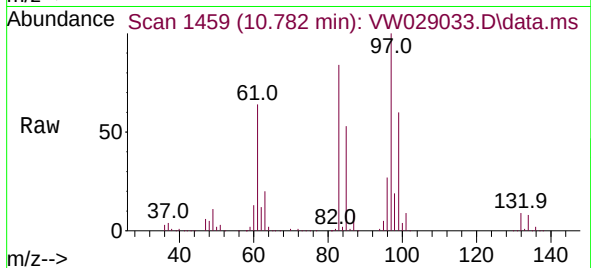
Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 92345

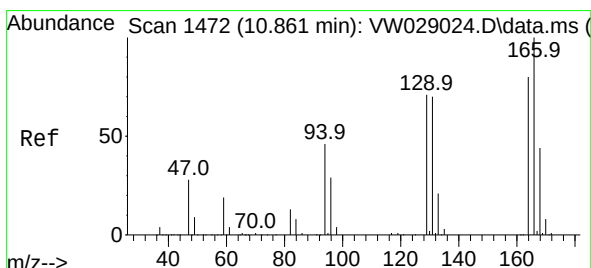
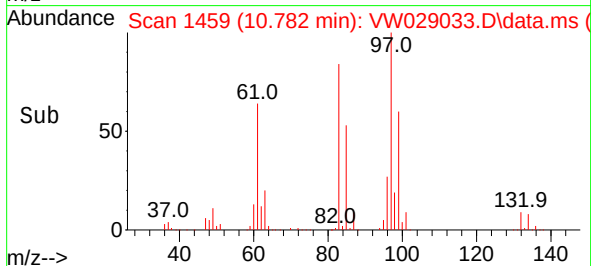
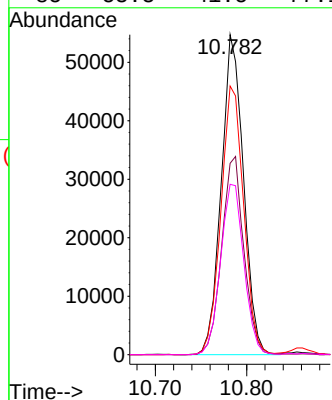
Ion Ratio Lower Upper

97 100

99 59.8 41.8 77.6

83 84.0 62.4 115.8

85 53.3 41.5 77.1



#46

Tetrachloroethene

Concen: 19.941 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Tgt Ion:164 Resp: 65546

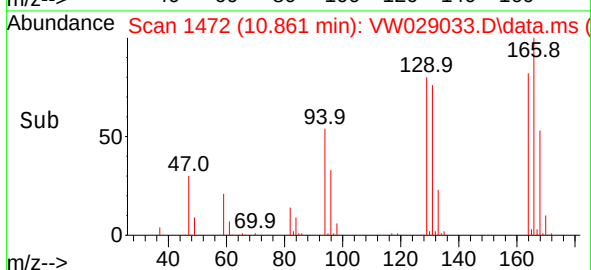
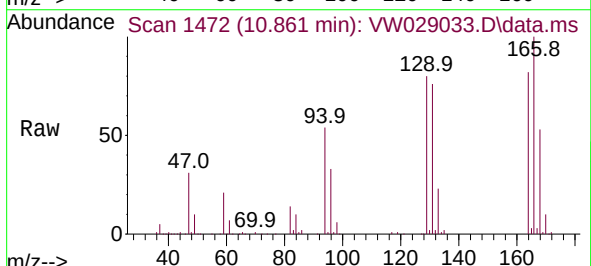
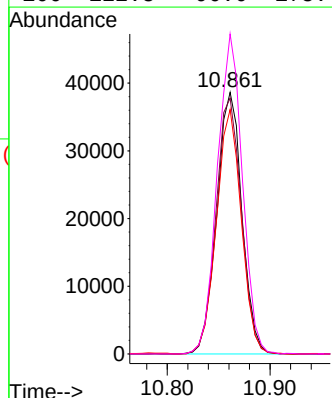
Ion Ratio Lower Upper

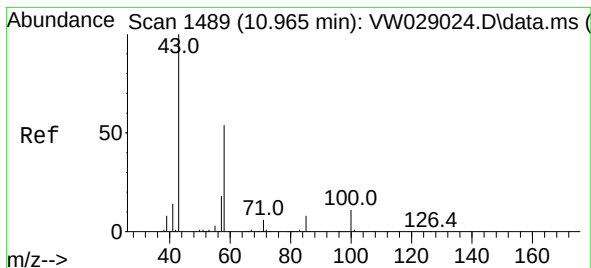
164 100

129 97.8 69.4 128.8

131 93.5 71.0 131.9

166 122.3 96.0 178.4





#48

2-Hexanone

Concen: 85.449 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

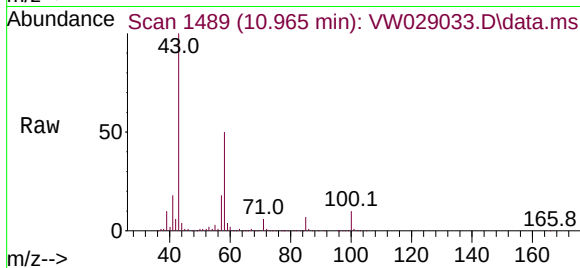
Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 140426

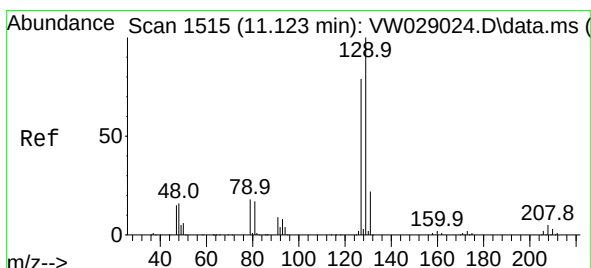
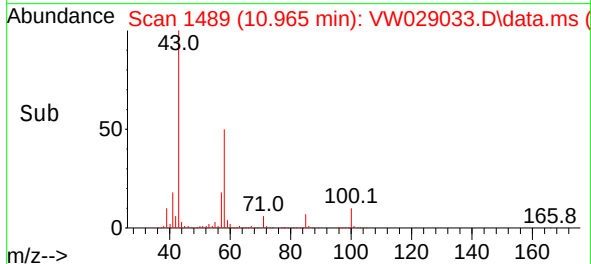
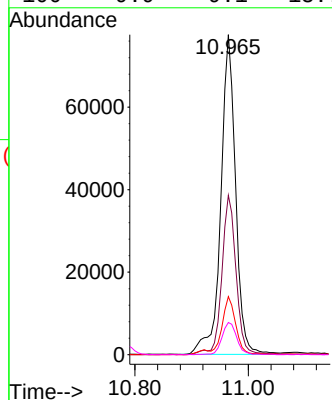
Ion Ratio Lower Upper

43 100

58 46.5 41.4 62.0

57 16.4 14.2 21.4

100 9.9 9.1 13.7



#49

Dibromochloromethane

Concen: 28.897 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029033.D

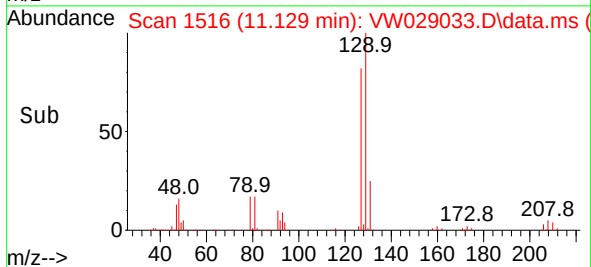
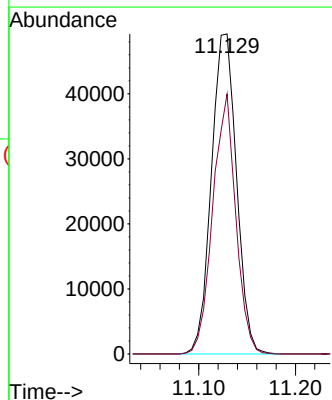
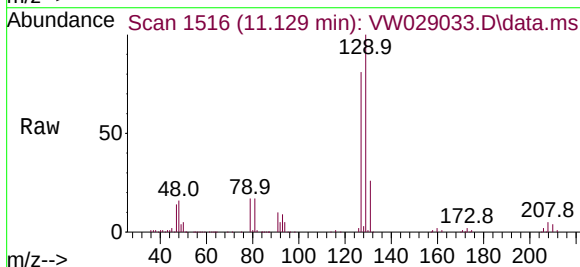
Acq: 06 Jun 2024 13:06

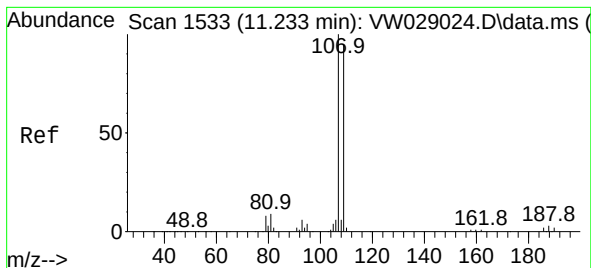
Tgt Ion: 129 Resp: 88829

Ion Ratio Lower Upper

129 100

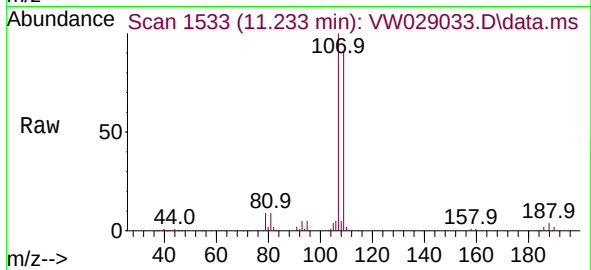
127 81.3 56.5 104.9



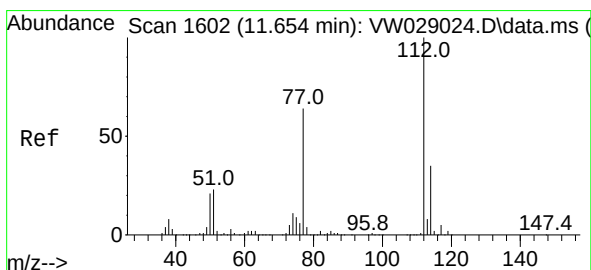
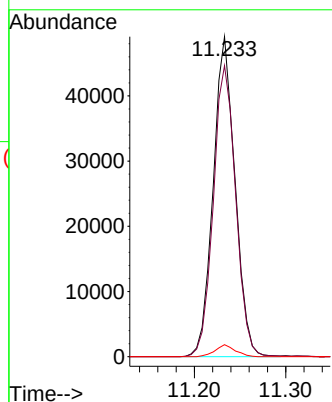
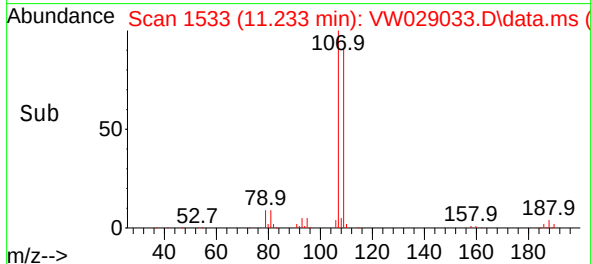


#50
1,2-Dibromoethane
Concen: 30.700 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Instrument :
MSVOA_W
ClientSampleId :

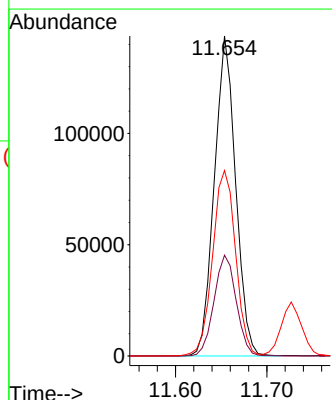
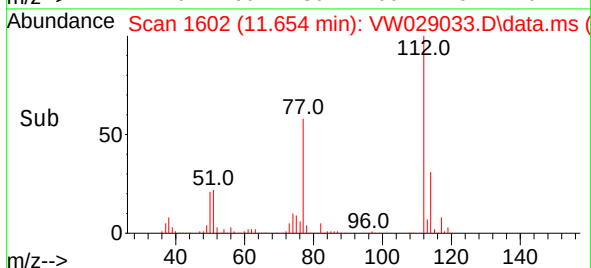
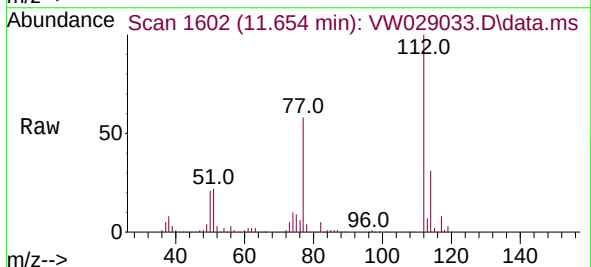


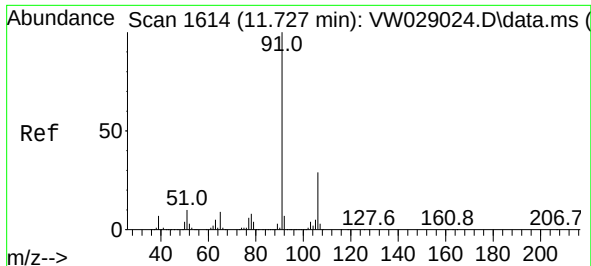
Tgt Ion:107 Resp: 81565
Ion Ratio Lower Upper
107 100
109 91.0 67.9 126.1
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 21.564 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion:112 Resp: 232867
Ion Ratio Lower Upper
112 100
114 31.5 23.7 44.1
77 57.9 51.7 77.5





#52

Ethylbenzene

Concen: 21.451 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

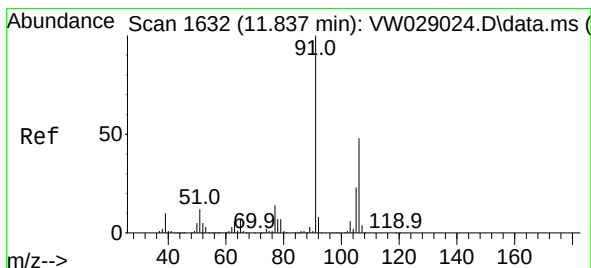
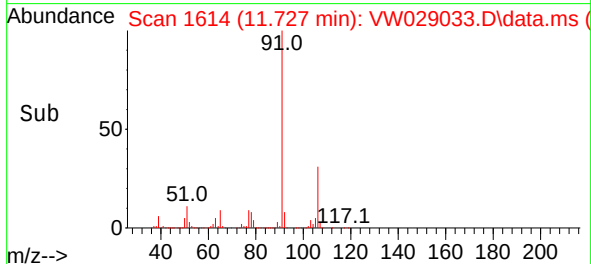
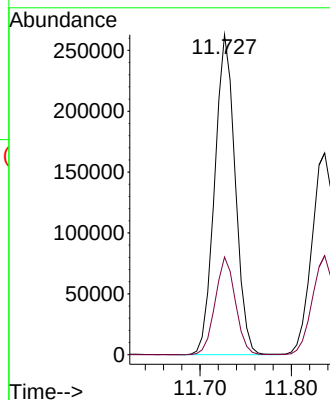
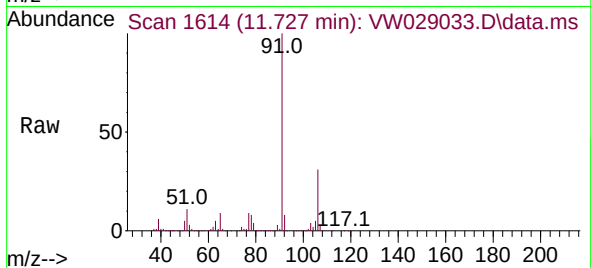
ClientSampleId :

Tgt Ion: 91 Resp: 409719

Ion Ratio Lower Upper

91 100

106 30.5 19.9 37.0



#53

m,p-Xylene

Concen: 20.557 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029033.D

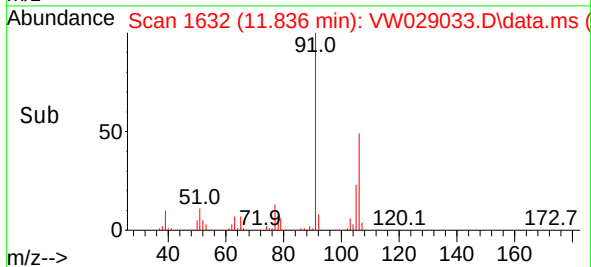
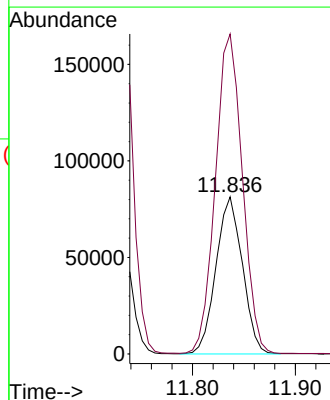
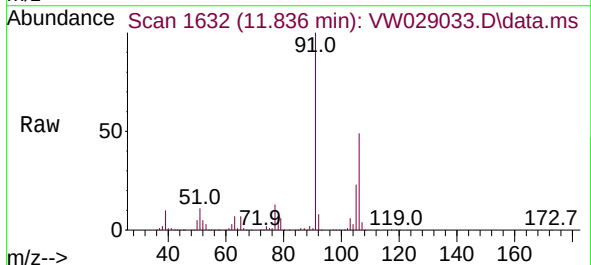
Acq: 06 Jun 2024 13:06

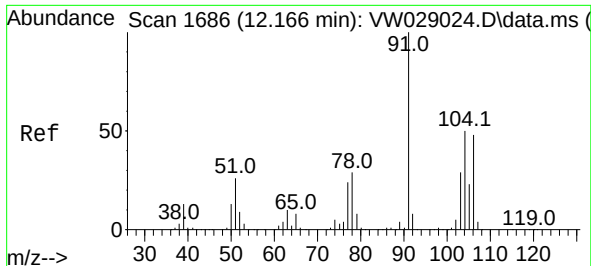
Tgt Ion:106 Resp: 145434

Ion Ratio Lower Upper

106 100

91 203.7 152.0 282.2

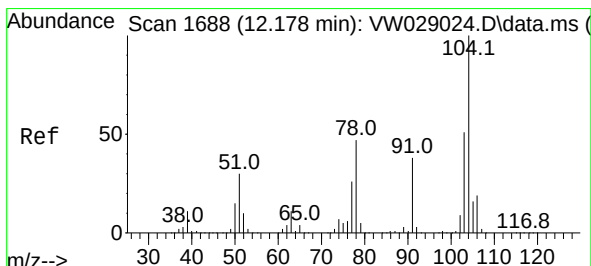
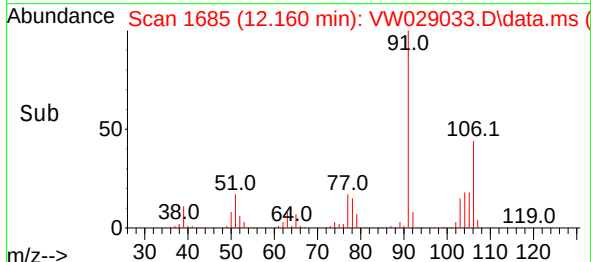
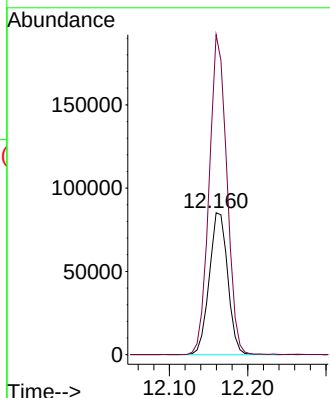
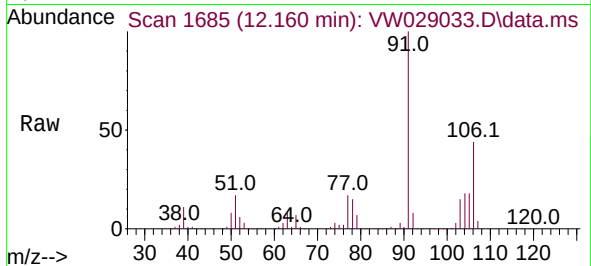




#54
o-Xylene
Concen: 21.268 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

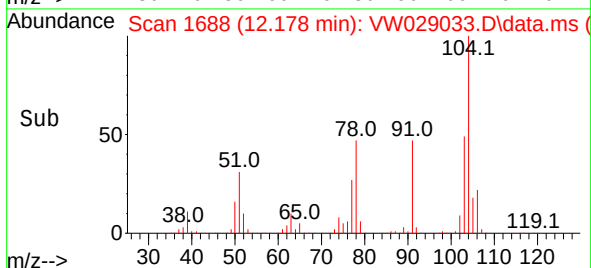
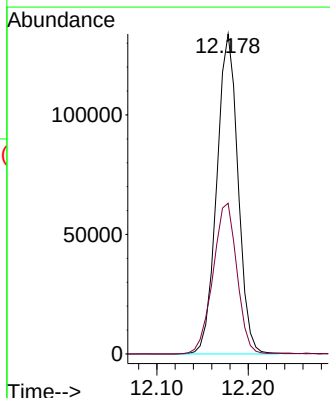
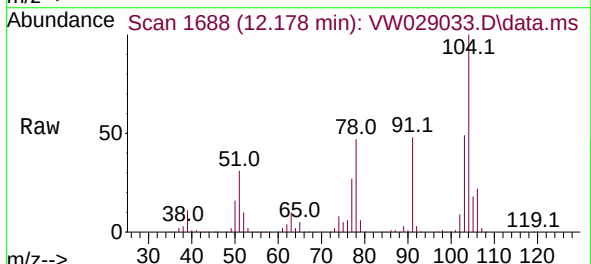
Instrument :
MSVOA_W
ClientSampleId :

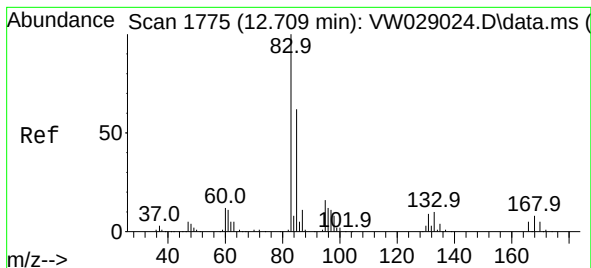
Tgt Ion:106 Resp: 139322
Ion Ratio Lower Upper
106 100
91 225.6 152.5 283.3



#55
Styrene
Concen: 19.180 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion:104 Resp: 216623
Ion Ratio Lower Upper
104 100
78 47.1 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 27.180 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

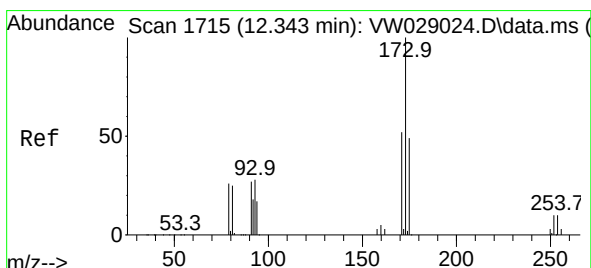
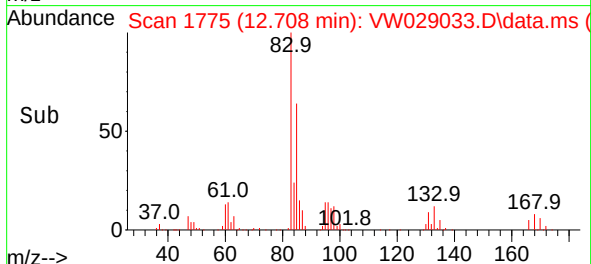
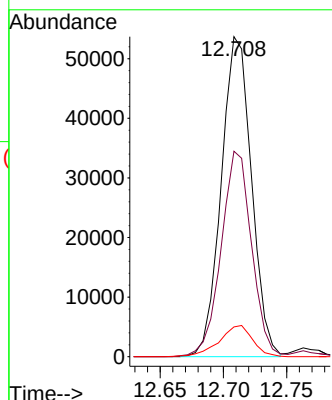
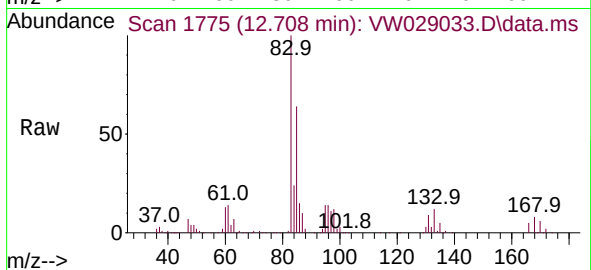
Tgt Ion: 83 Resp: 89300

Ion Ratio Lower Upper

83 100

85 64.2 43.8 81.3

131 9.3 7.3 10.9



#59

Bromoform

Concen: 44.621 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

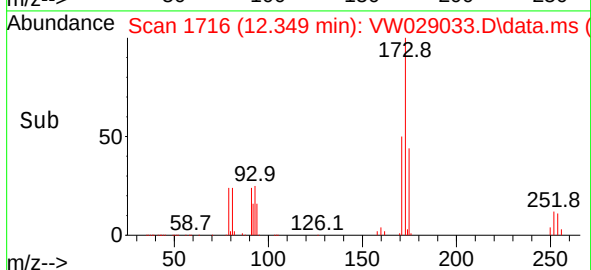
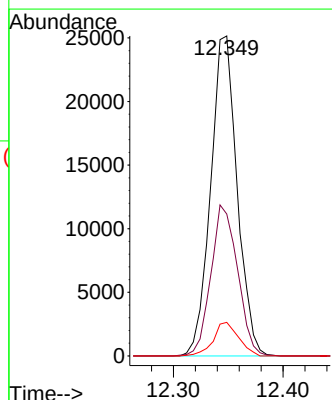
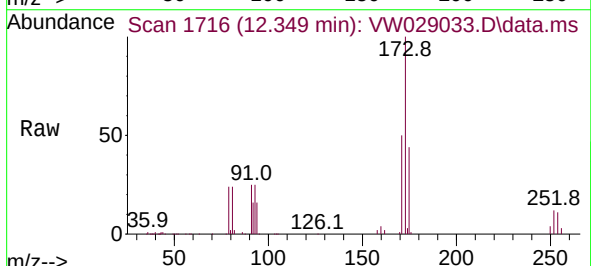
Tgt Ion:173 Resp: 42257

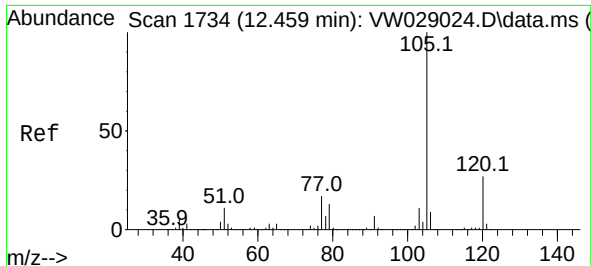
Ion Ratio Lower Upper

173 100

175 47.5 38.1 57.1

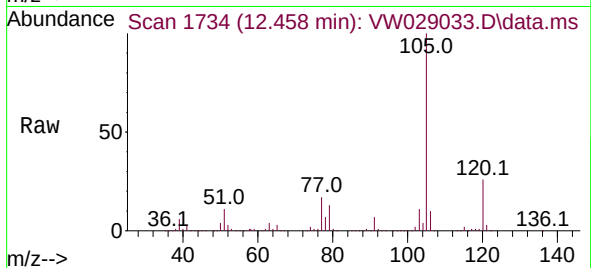
254 10.1 8.2 12.2



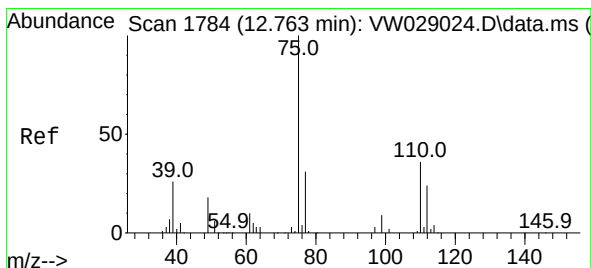
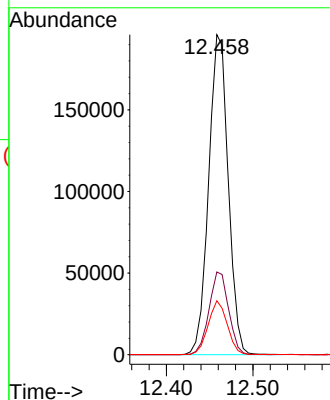
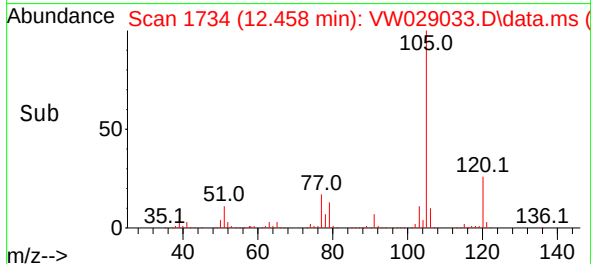


#60
Isopropylbenzene
Concen: 29.493 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

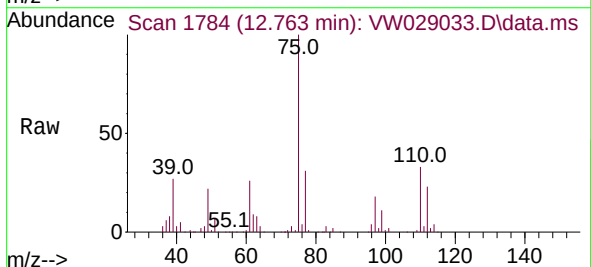
Instrument :
MSVOA_W
ClientSampleId :



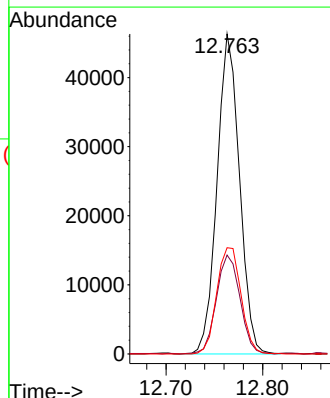
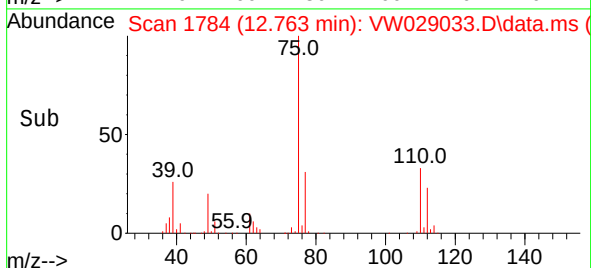
Tgt Ion:105 Resp: 307404
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 16.5 13.5 20.3

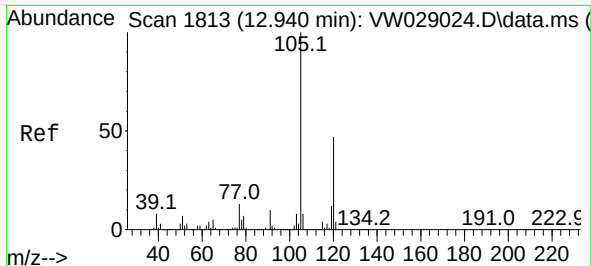


#61
1,2,3-Trichloropropane
Concen: 53.574 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06



Tgt Ion: 75 Resp: 74426
Ion Ratio Lower Upper
75 100
77 32.7 26.3 39.5
110 36.0 29.4 44.0

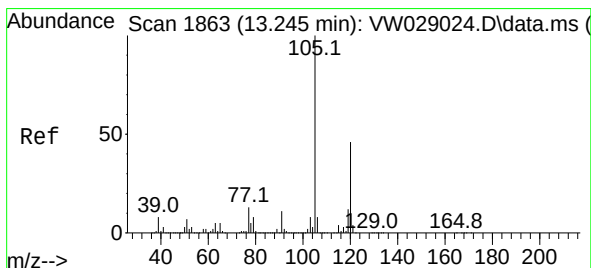
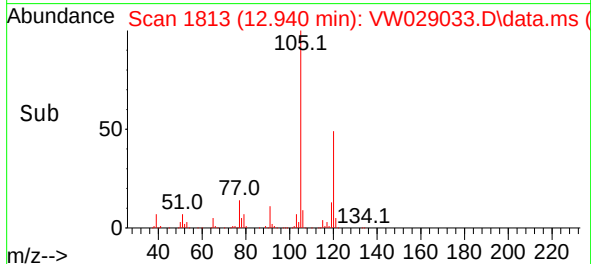
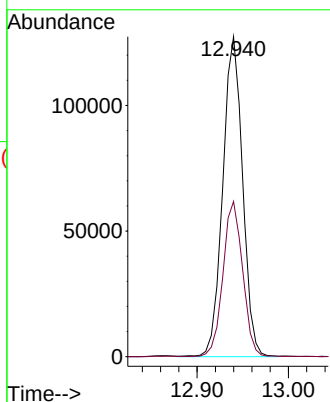
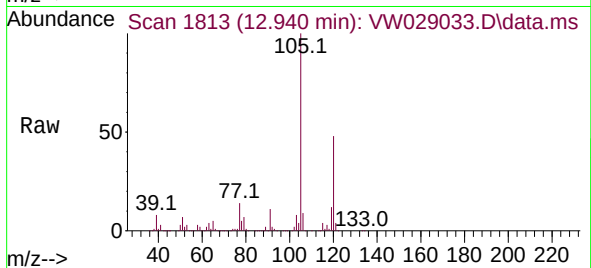




#62
1,3,5-Trimethylbenzene
Concen: 25.376 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

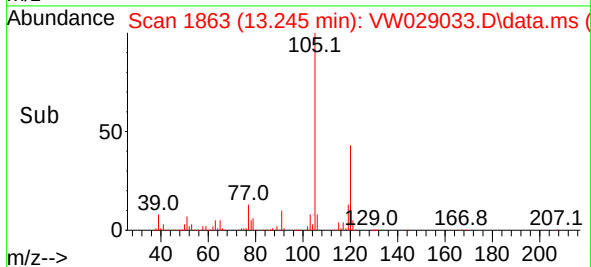
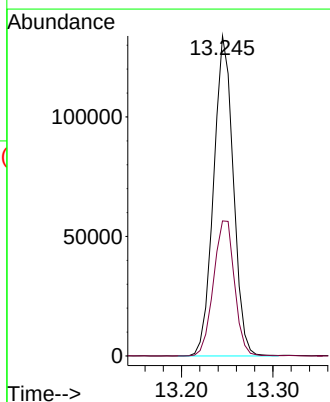
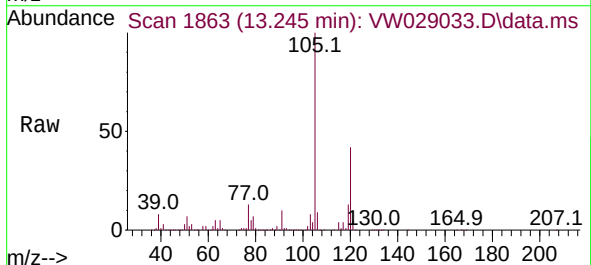
Instrument :
MSVOA_W
ClientSampleId :

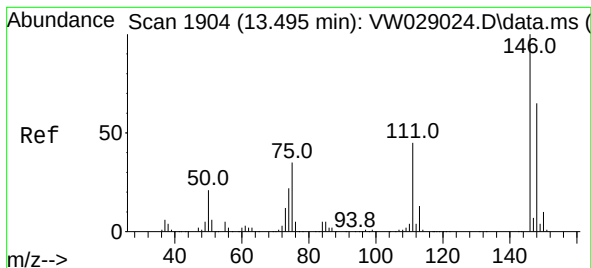
Tgt Ion:105 Resp: 192368
Ion Ratio Lower Upper
105 100
120 48.1 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 25.078 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion:105 Resp: 200913
Ion Ratio Lower Upper
105 100
120 45.0 35.8 53.8





#64

1,3-Dichlorobenzene

Concen: 21.070 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

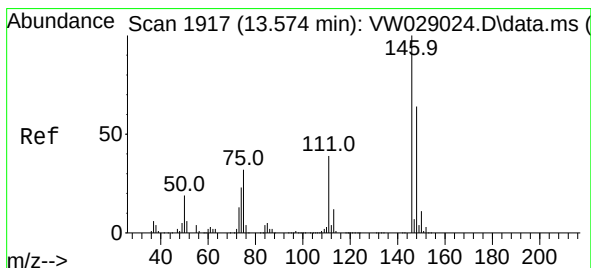
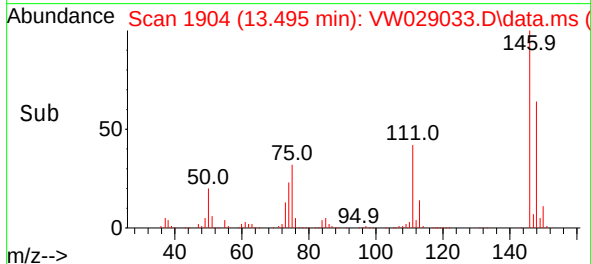
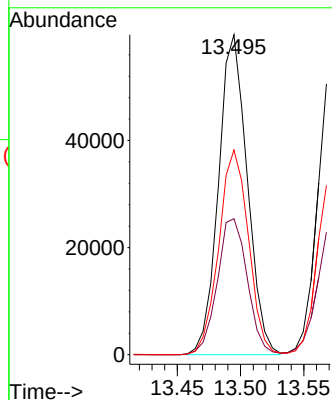
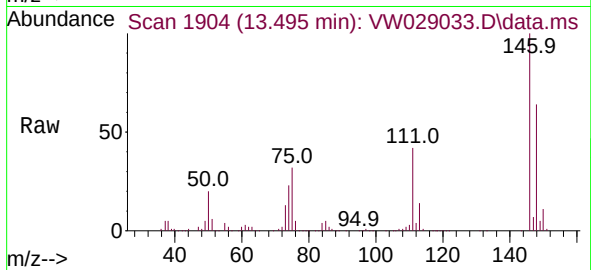
Tgt Ion:146 Resp: 94377

Ion Ratio Lower Upper

146 100

111 42.5 29.4 54.6

148 63.9 42.5 78.9



#65

1,4-Dichlorobenzene

Concen: 20.389 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

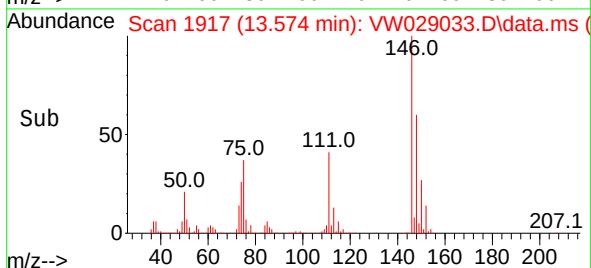
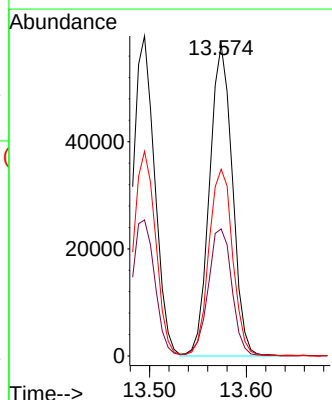
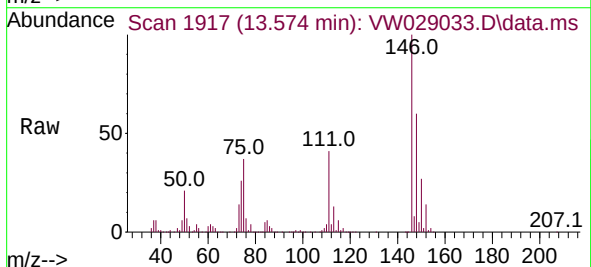
Tgt Ion:146 Resp: 95382

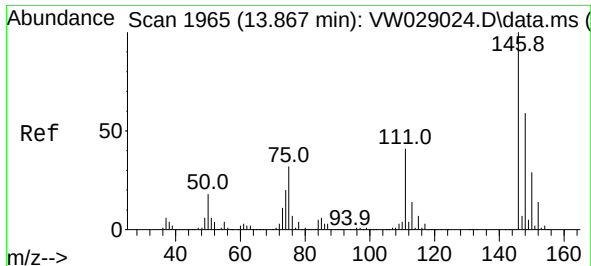
Ion Ratio Lower Upper

146 100

111 40.9 27.5 51.1

148 60.1 39.5 73.3

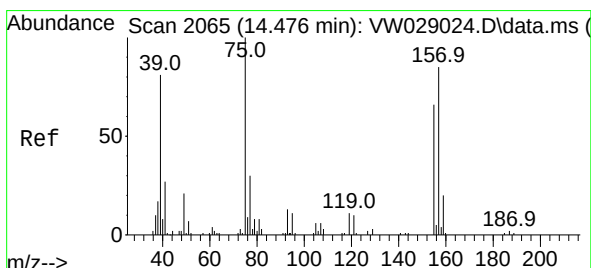
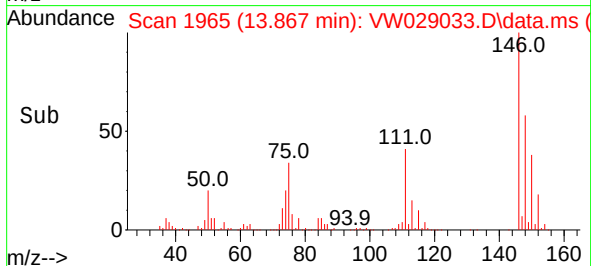
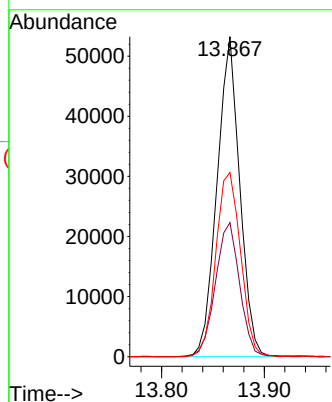
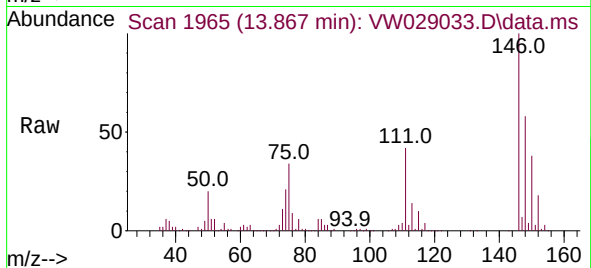




#67
1,2-Dichlorobenzene
Concen: 20.362 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

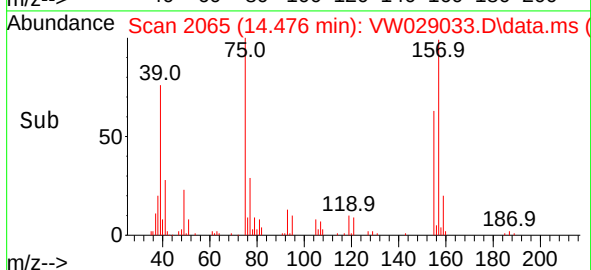
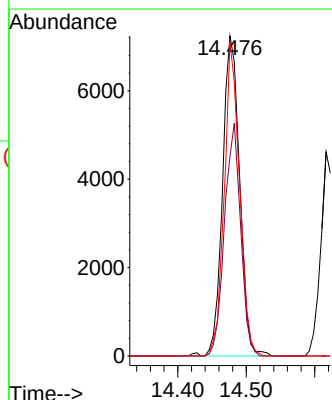
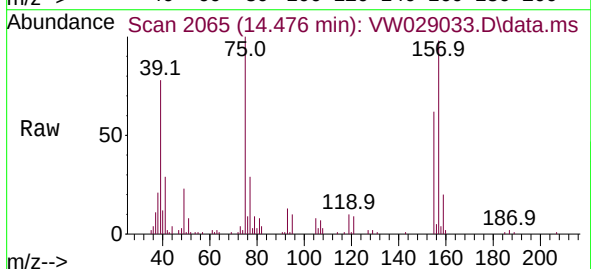
Instrument :
MSVOA_W
ClientSampleId :

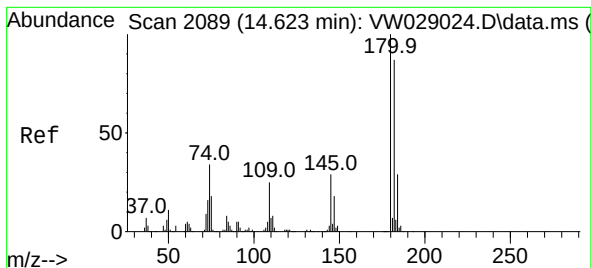
Tgt Ion:146 Resp: 81744
Ion Ratio Lower Upper
146 100
111 41.9 32.8 49.2
148 57.5 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 42.101 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

Tgt Ion: 75 Resp: 12466
Ion Ratio Lower Upper
75 100
155 62.3 52.3 78.5
157 98.1 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 11.663 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 35867

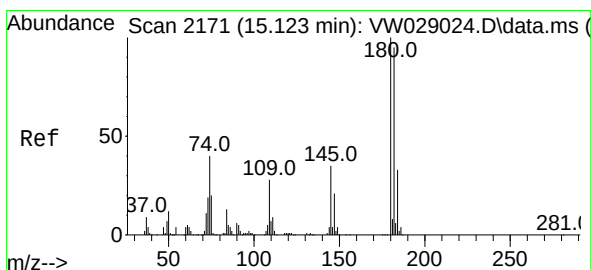
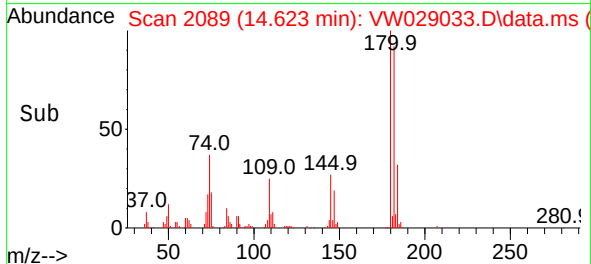
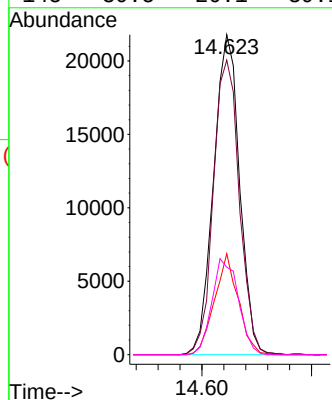
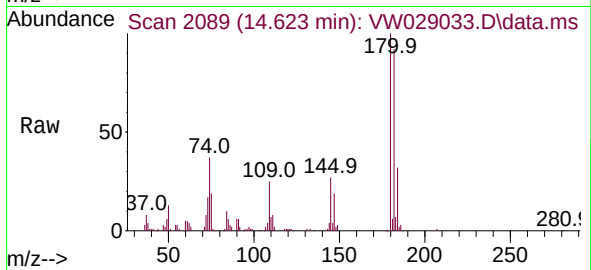
Ion Ratio Lower Upper

180 100

182 92.1 77.4 116.0

184 28.9 24.6 36.8

145 30.5 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 8.870 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029033.D

Acq: 06 Jun 2024 13:06

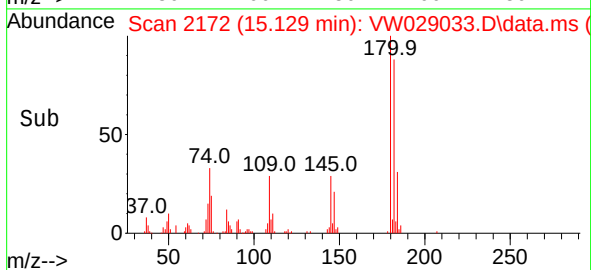
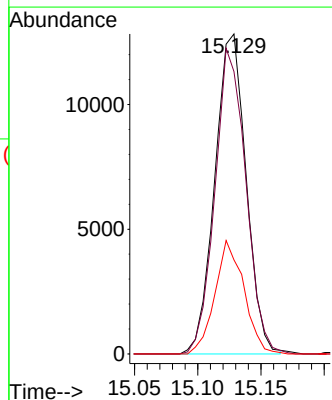
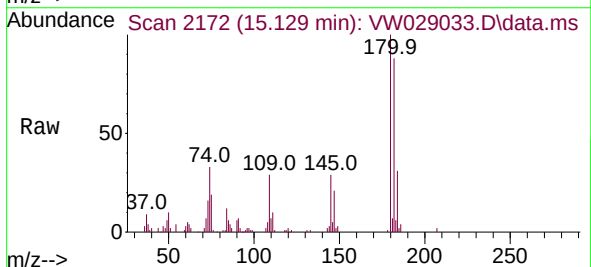
Tgt Ion:180 Resp: 22109

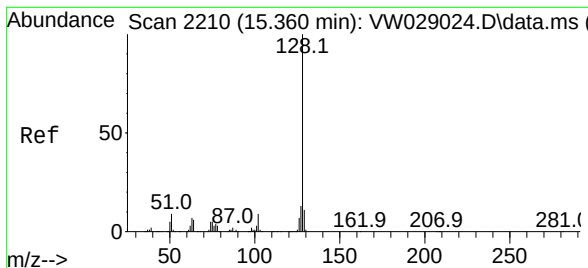
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

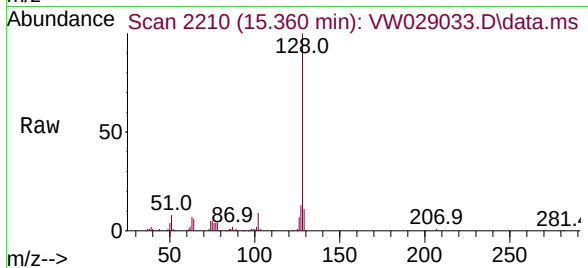
145 32.9 26.2 39.2



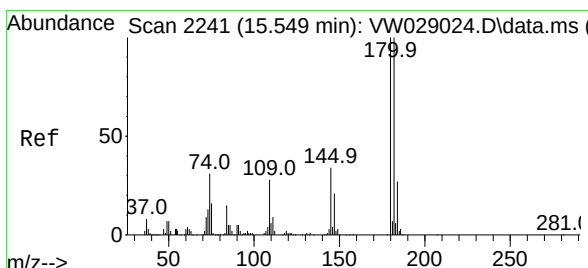
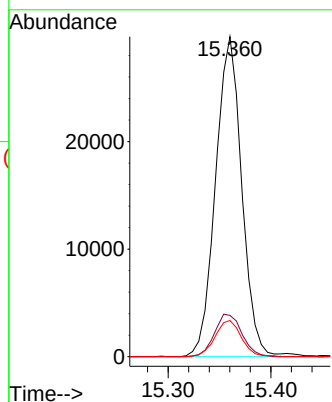
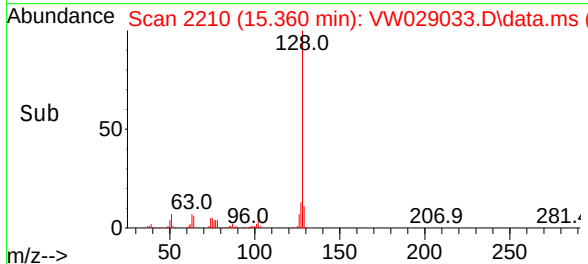


#71
Naphthalene
Concen: 12.361 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06

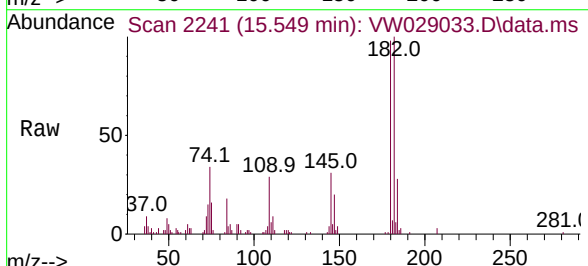
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 52495
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 11.4 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 7.844 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029033.D
Acq: 06 Jun 2024 13:06



Tgt Ion:180 Resp: 16704
Ion Ratio Lower Upper
180 100
182 94.5 75.4 113.0
145 33.3 26.6 39.8

