

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060524\
 Data File : VW029007.D
 Acq On : 05 Jun 2024 08:28
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 05 23:46:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM060324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 05 00:46:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	353075	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	323881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	163872	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	130591	23.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
7) Chloroethane-d5	2.899	69	99225	23.037	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.160%
11) 1,1-Dichloroethene-d2	4.021	65	56298	22.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.360%
21) 2-Butanone-d5	7.075	46	57092	49.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.640%
24) Chloroform-d	7.648	84	232165	23.048	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	8.307	65	123105	23.214	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.840%
32) Benzene-d6	8.276	84	470145	23.650	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.270	67	139183	23.092	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.360%
41) Toluene-d8	10.319	98	418285	23.579	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.320%
43) trans-1,3-Dichloroprop...	10.575	79	53787	23.224	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.880%
47) 2-Hexanone-d5	10.922	63	40295	50.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101372	24.210	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	131613	22.633	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	77598	19.247	ug/L	96
3) Chloromethane	2.222	50	106328	21.587	ug/L	99
5) Vinyl chloride	2.375	62	128753	21.595	ug/L	99
6) Bromomethane	2.789	94	76476	21.408	ug/L	100
8) Chloroethane	2.936	64	79130	21.976	ug/L	99
9) Trichlorofluoromethane	3.271	101	110610	22.318	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	112537	23.012	ug/L	95
12) 1,1-Dichloroethene	4.045	96	101547	22.753	ug/L	96
13) Acetone	4.118	43	76726	63.886	ug/L	100
14) Carbon disulfide	4.387	76	342242	22.650	ug/L	98
15) Methyl Acetate	4.673	43	48829	24.480	ug/L	97
16) Methylene chloride	4.917	84	116485	21.982	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	108280	22.253	ug/L	98
18) Methyl tert-butyl Ether	5.423	73	154914	22.830	ug/L	99
19) 1,1-Dichloroethane	6.222	63	218542	22.844	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	116766	22.889	ug/L	95
22) 2-Butanone	7.167	43	84532	58.411	ug/L	100
23) Bromochloromethane	7.520	128	51016	22.910	ug/L	92
25) Chloroform	7.679	83	210932	22.701	ug/L	98

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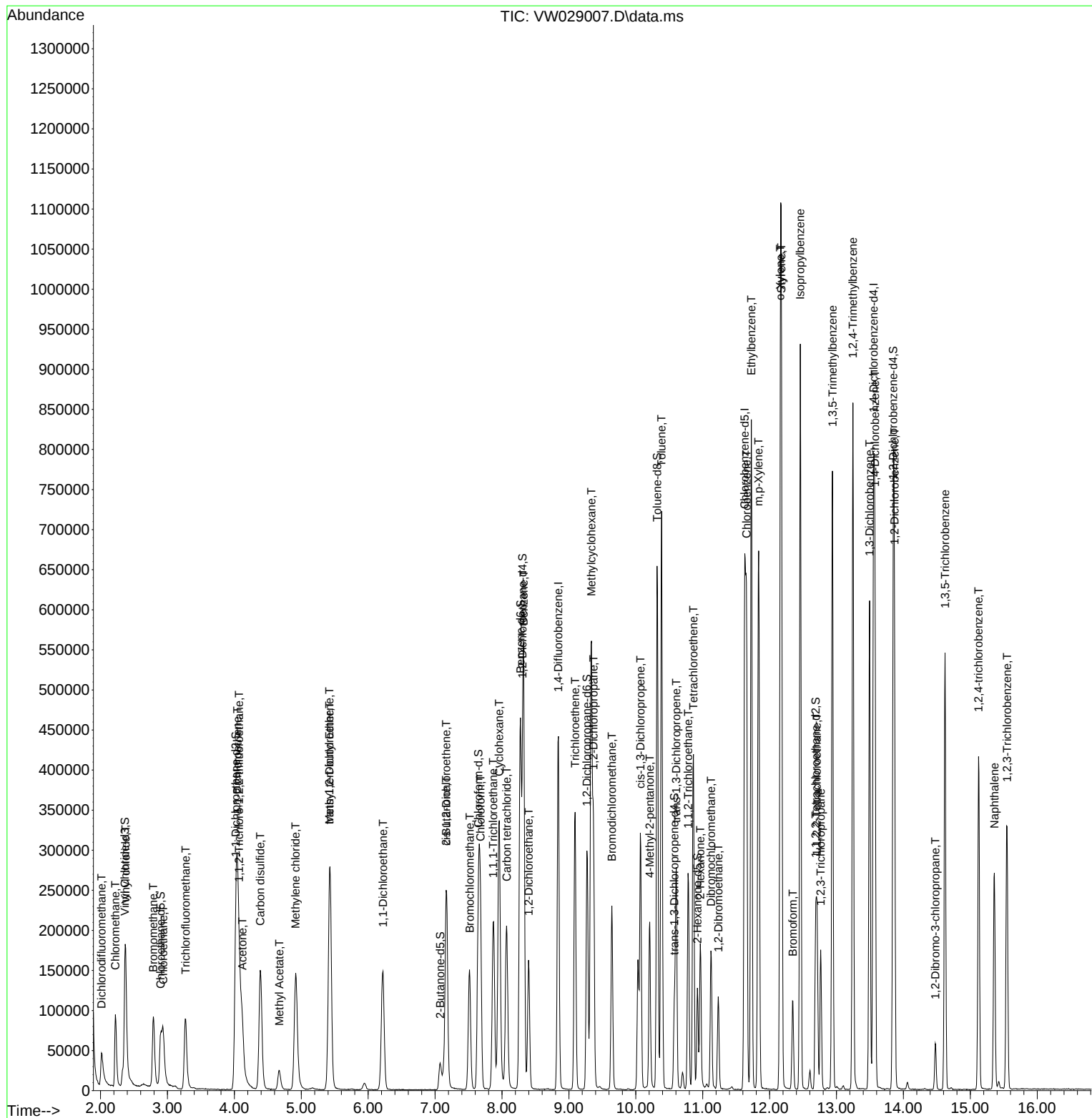
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	145000	23.287	ug/L	99
29) Cyclohexane	7.959	56	193171	23.988	ug/L	100
30) 1,1,1-Trichloroethane	7.868	97	171335	22.832	ug/L	99
31) Carbon tetrachloride	8.069	117	159812	23.380	ug/L	94
33) Benzene	8.325	78	476568	23.664	ug/L	100
34) Trichloroethene	9.093	95	122104	23.062	ug/L	92
35) Methylcyclohexane	9.337	83	217855	24.256	ug/L	100
37) 1,2-Dichloropropane	9.368	63	125225	23.745	ug/L	100
38) Bromodichloromethane	9.642	83	149630	23.264	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	181521	23.684	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	139485	51.999	ug/L	98
42) Toluene	10.386	91	500616	24.333	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	148912	24.101	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	81970	23.014	ug/L	97
46) Tetrachloroethene	10.861	164	95581	23.761	ug/L	84
48) 2-Hexanone	10.965	43	118880	59.110	ug/L	99
49) Dibromochloromethane	11.123	129	90798	24.136	ug/L	92
50) 1,2-Dibromoethane	11.233	107	77233	23.754	ug/L	93
51) Chlorobenzene	11.654	112	303680	22.979	ug/L	97
52) Ethylbenzene	11.727	91	560607	23.983	ug/L	95
53) m,p-Xylene	11.837	106	207828	24.004	ug/L	96
54) o-Xylene	12.160	106	195864	24.432	ug/L	100
55) Styrene	12.178	104	339225	24.543	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	97465	24.240	ug/L	99
59) Bromoform	12.349	173	50335	23.887	ug/L	98
60) Isopropylbenzene	12.458	105	542442	23.389	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72015	23.298	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	398216	23.608	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	439264	24.641	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	234671	23.546	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	226840	21.792	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	202364	22.654	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.476	75	14896	22.609	ug/L	87
69) 1,3,5-Trichlorobenzene	14.623	180	154026	22.509	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	125877	22.697	ug/L	98
71) Naphthalene	15.360	128	226256	23.944	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	110525	23.325	ug/L	99

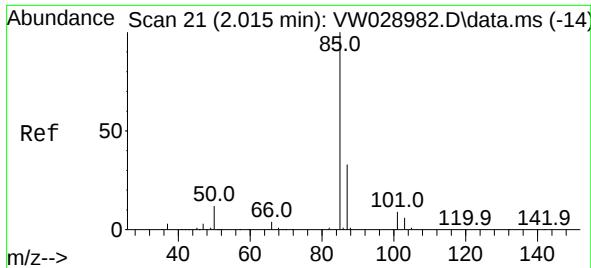
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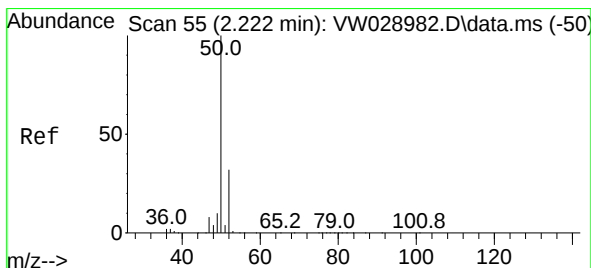
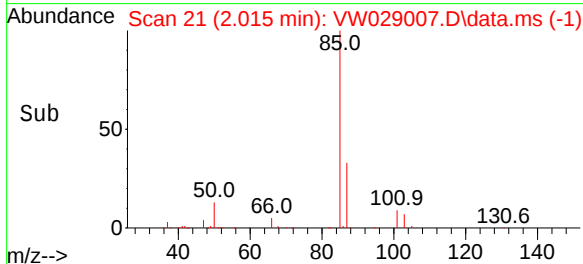
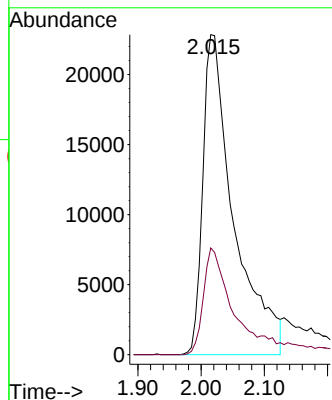
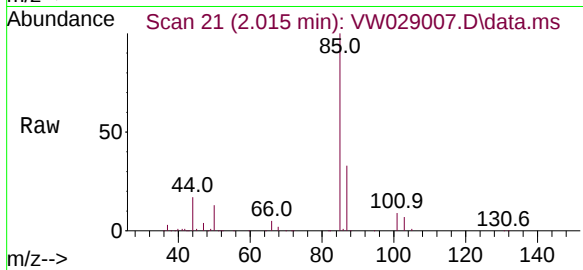




#2
 Dichlorodifluoromethane
 Concen: 19.247 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029007.D
 Acq: 05 Jun 2024 08:28

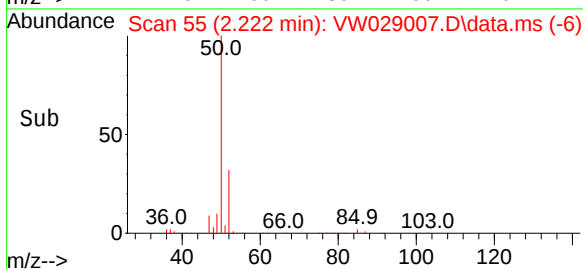
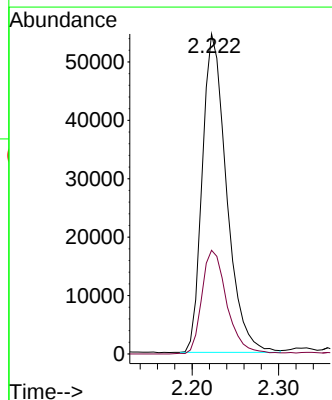
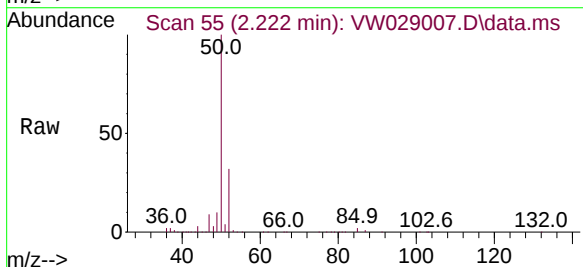
Instrument :
 MSVOA_W
 ClientSampleId :

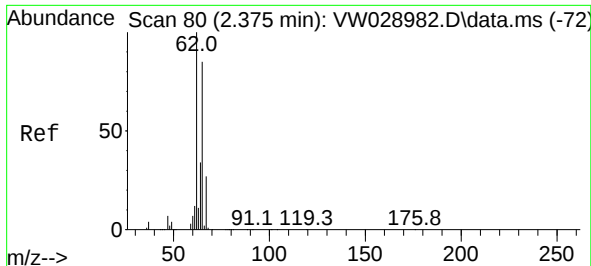
Tgt Ion: 85 Resp: 77598
 Ion Ratio Lower Upper
 85 100
 87 29.2 25.3 37.9



#3
 Chloromethane
 Concen: 21.587 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029007.D
 Acq: 05 Jun 2024 08:28

Tgt Ion: 50 Resp: 106328
 Ion Ratio Lower Upper
 50 100
 52 32.4 22.1 41.1

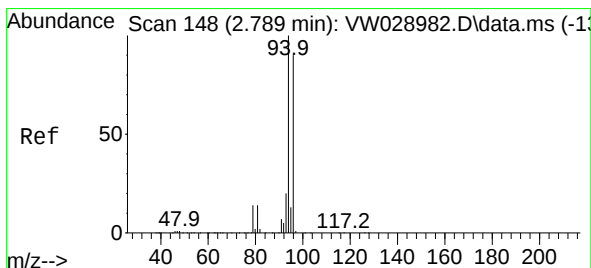
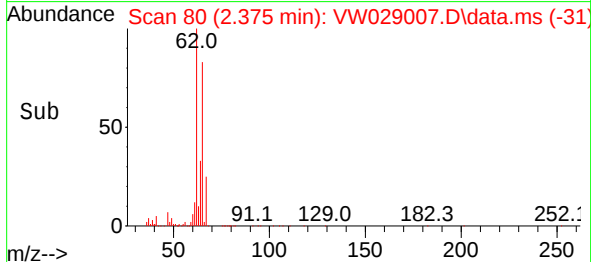
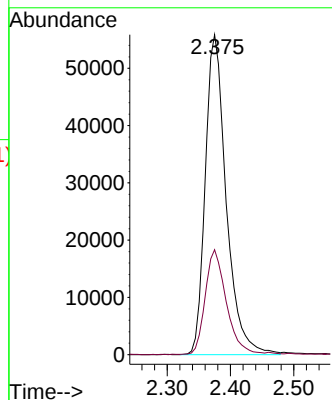
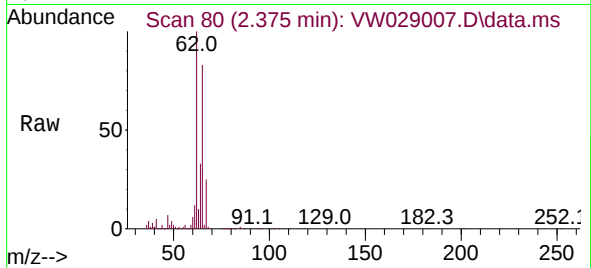




#5
 Vinyl chloride
 Concen: 21.595 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029007.D
 Acq: 05 Jun 2024 08:28

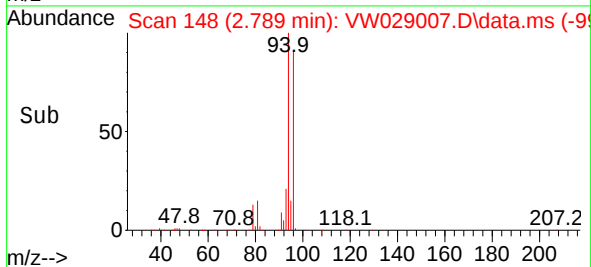
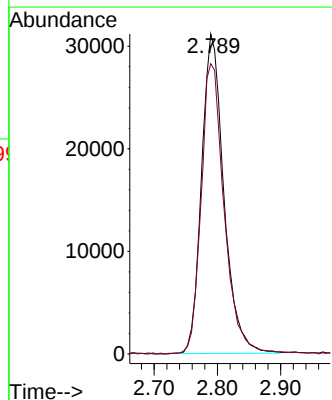
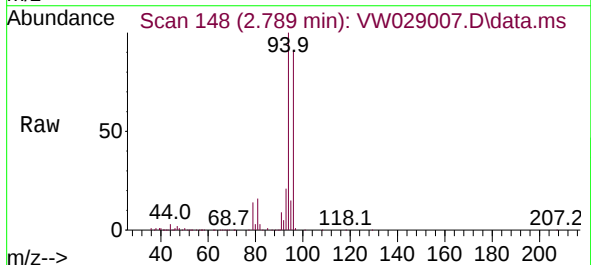
Instrument :
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 ClientSampleId :

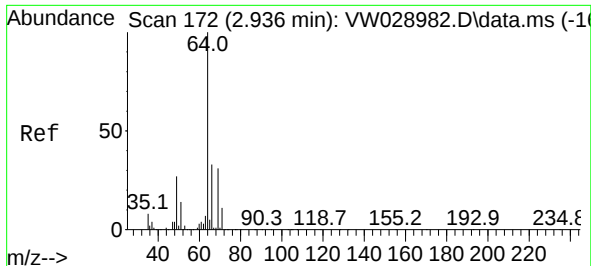
Tgt Ion: 62 Resp: 128753
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.4



#6
 Bromomethane
 Concen: 21.408 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029007.D
 Acq: 05 Jun 2024 08:28

Tgt Ion: 94 Resp: 76476
 Ion Ratio Lower Upper
 94 100
 96 90.7 63.7 118.3

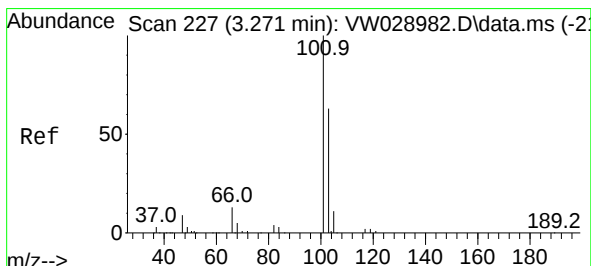
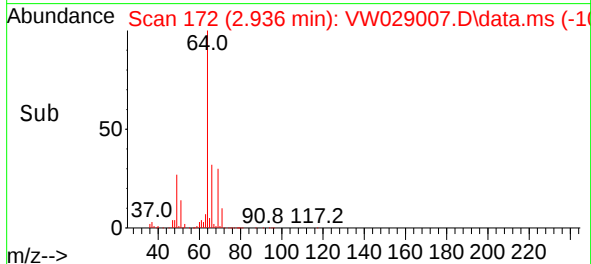
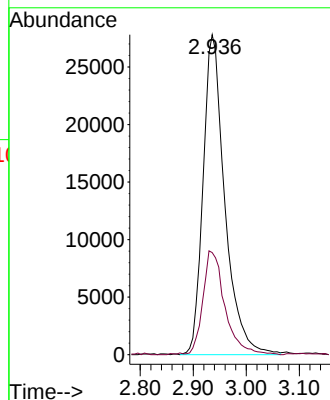
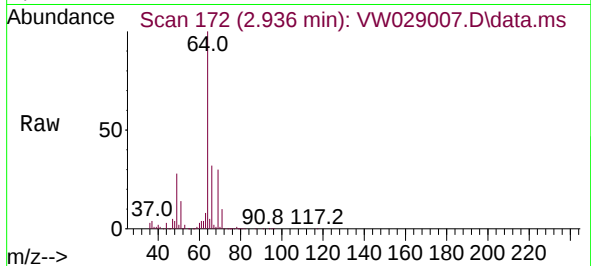




#8
Chloroethane
Concen: 21.976 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

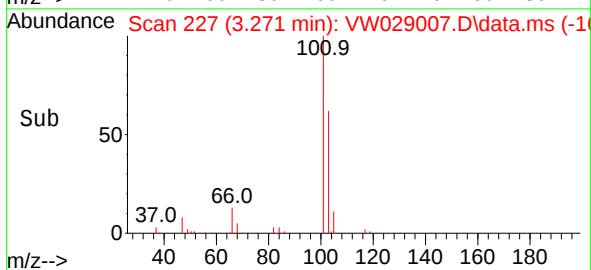
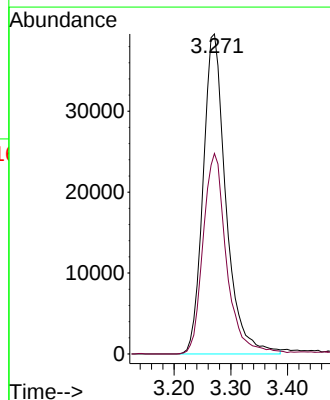
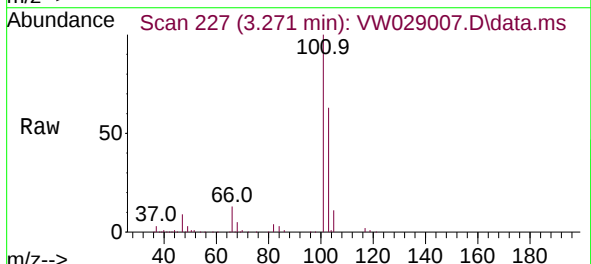
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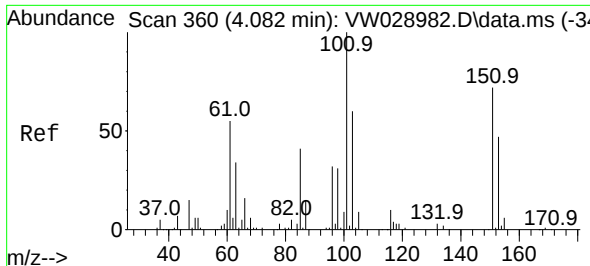
Tgt Ion: 64 Resp: 79130
Ion Ratio Lower Upper
64 100
66 31.9 22.9 42.5



#9
Trichlorofluoromethane
Concen: 22.318 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion:101 Resp: 110610
Ion Ratio Lower Upper
101 100
103 64.4 51.3 76.9





#10

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

Concen: 23.012 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

ClientSampleId :

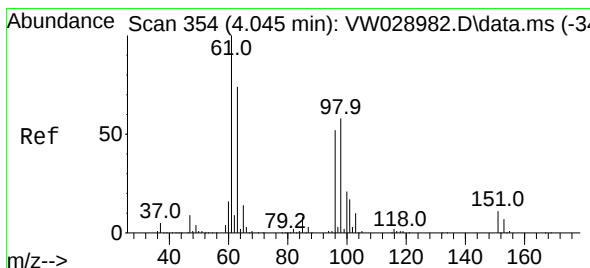
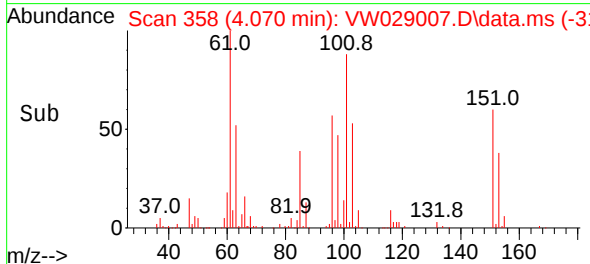
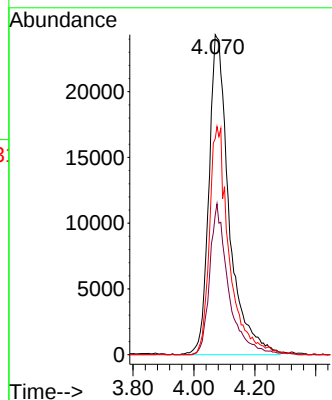
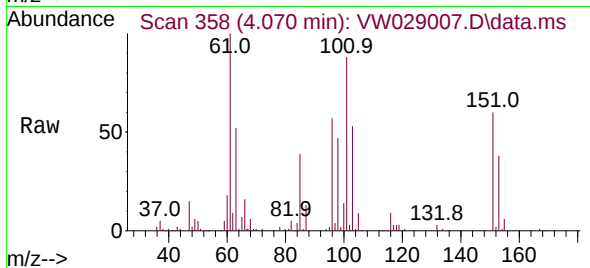
Tgt Ion:101 Resp: 112537

Ion Ratio Lower Upper

101 100

85 42.9 35.8 53.8

151 68.4 58.5 87.7



#12

1,1-Dichloroethene

Concen: 22.753 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

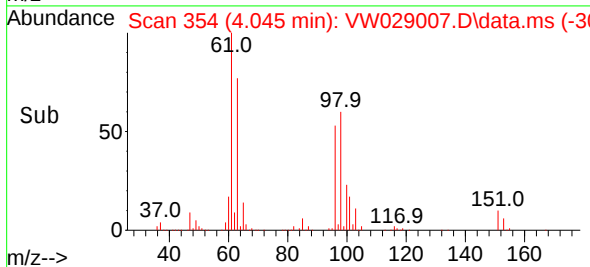
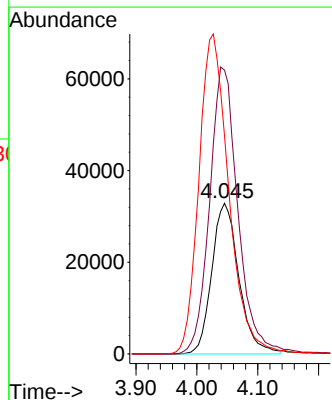
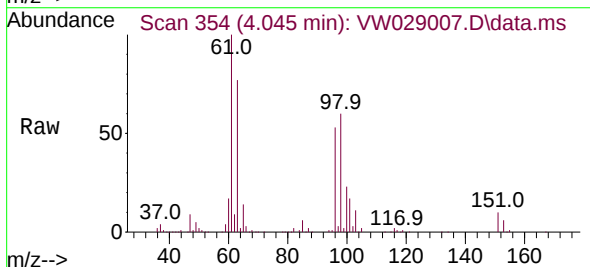
Tgt Ion: 96 Resp: 101547

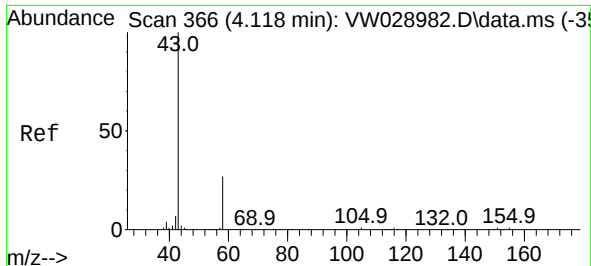
Ion Ratio Lower Upper

96 100

61 188.3 132.2 245.4

63 144.7 108.4 201.2





#13

Acetone

Concen: 63.886 ug/L

RT: 4.118 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

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MSVOA_W

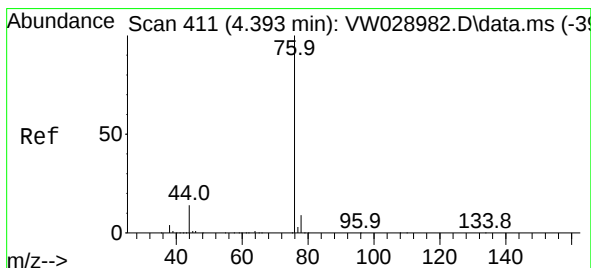
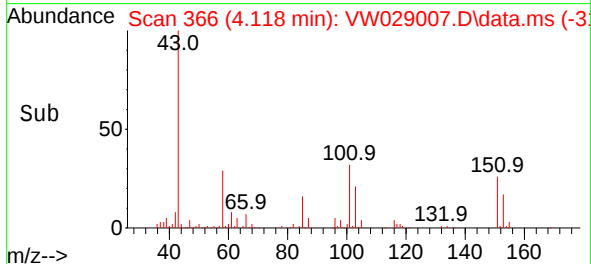
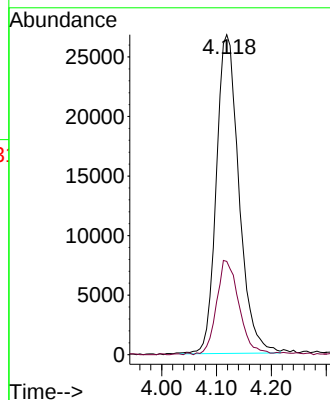
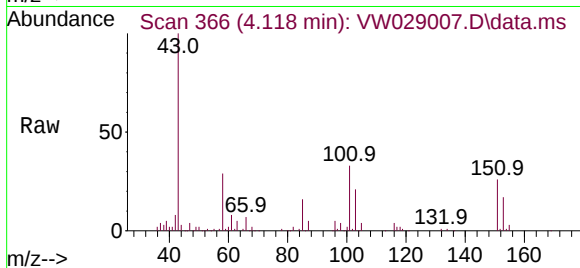
ClientSampleId :

Tgt Ion: 43 Resp: 76726

Ion Ratio Lower Upper

43 100

58 29.5 0.0 59.4



#14

Carbon disulfide

Concen: 22.650 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW029007.D

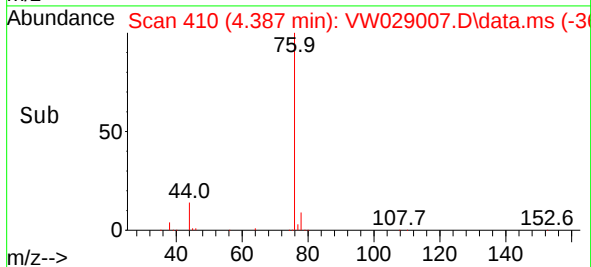
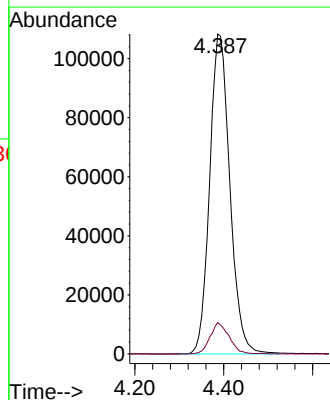
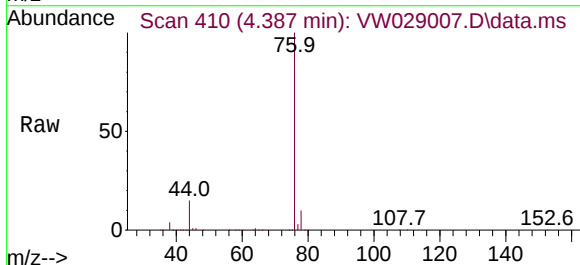
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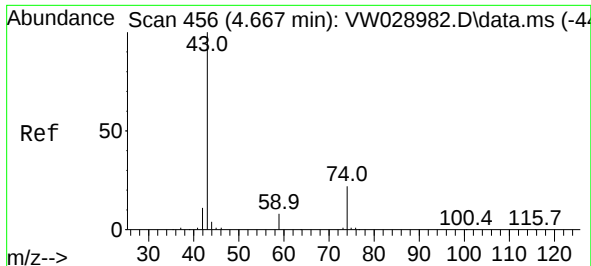
Tgt Ion: 76 Resp: 342242

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8





#15

Methyl Acetate

Concen: 24.480 ug/L

RT: 4.673 min Scan# 456

Delta R.T. 0.006 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

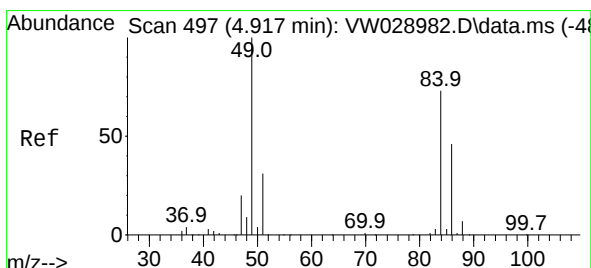
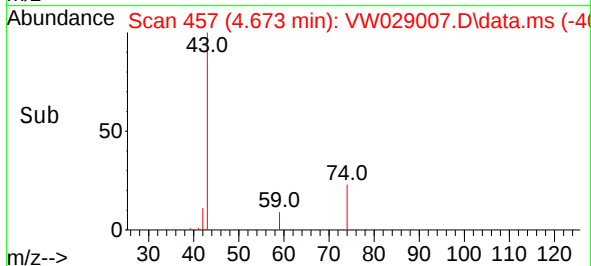
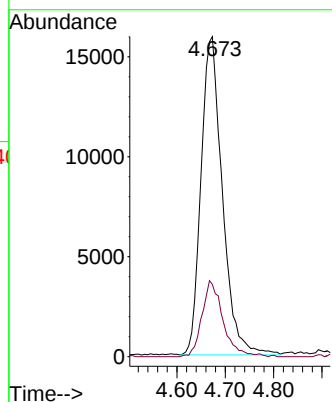
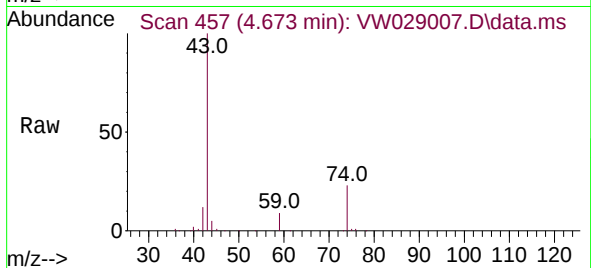
ClientSampleId :

Tgt Ion: 43 Resp: 48829

Ion Ratio Lower Upper

43 100

74 23.1 17.4 26.2



#16

Methylene chloride

Concen: 21.982 ug/L

RT: 4.917 min Scan# 497

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

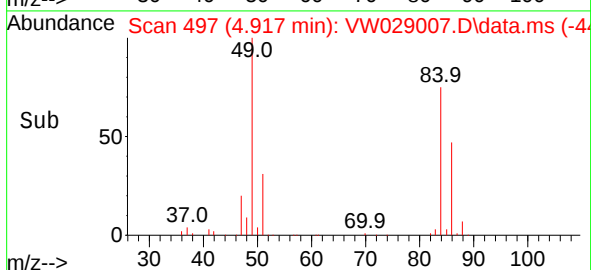
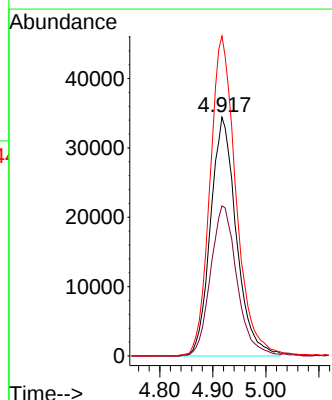
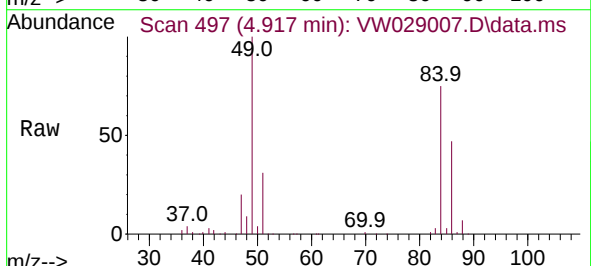
Tgt Ion: 84 Resp: 116485

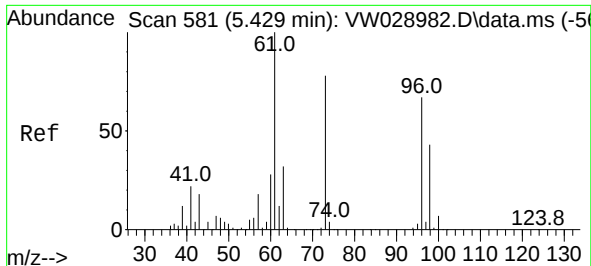
Ion Ratio Lower Upper

84 100

86 62.8 43.8 81.4

49 134.0 91.3 169.5





#17

trans-1,2-Dichloroethene

Concen: 22.253 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

ClientSampleId :

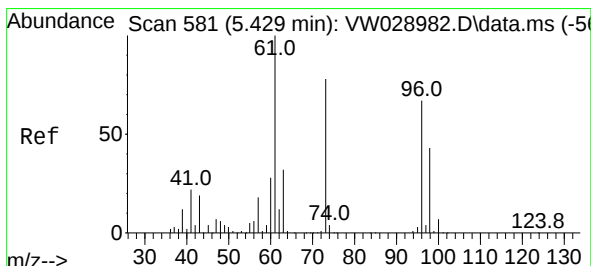
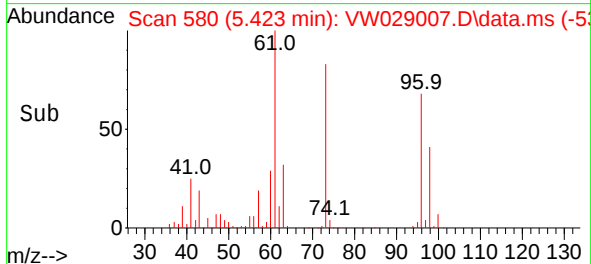
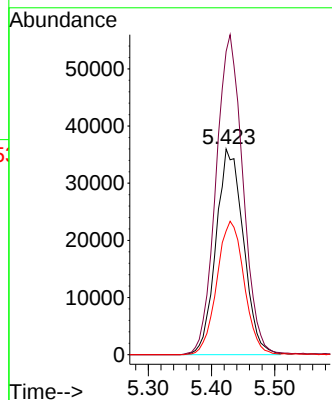
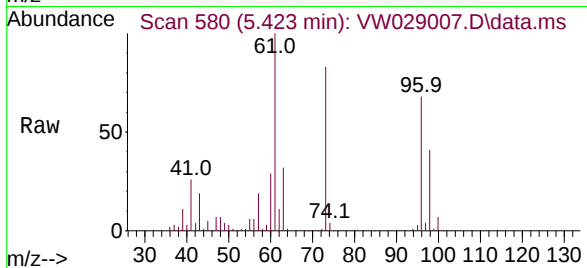
Tgt Ion: 96 Resp: 108280

Ion Ratio Lower Upper

96 100

61 147.4 104.6 194.2

98 60.1 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 22.830 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

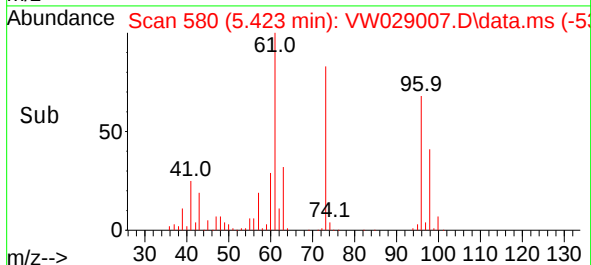
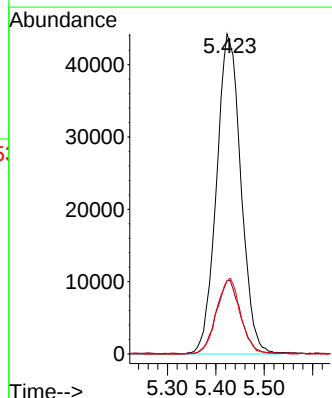
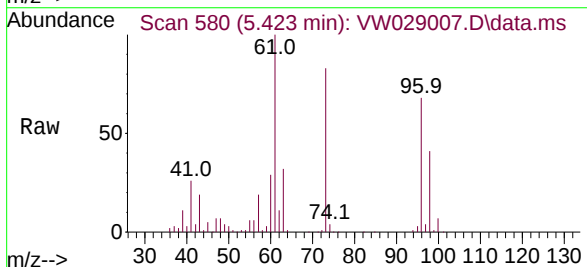
Tgt Ion: 73 Resp: 154914

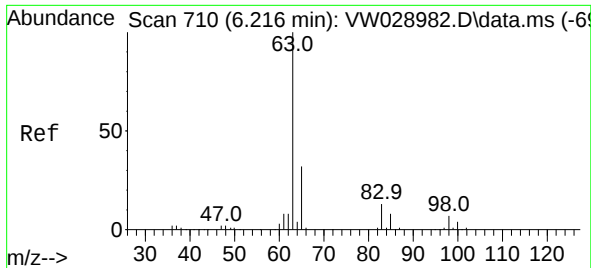
Ion Ratio Lower Upper

73 100

43 22.8 17.8 26.6

57 23.1 18.4 27.6





#19

1,1-Dichloroethane

Concen: 22.844 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

ClientSampleId :

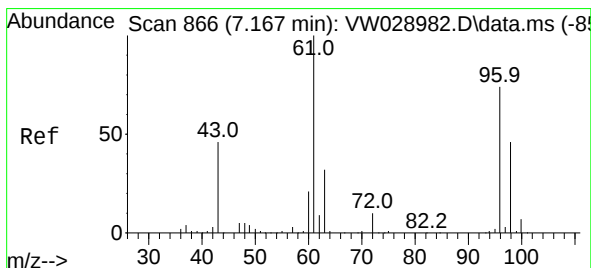
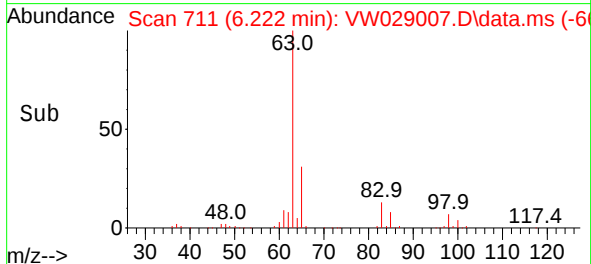
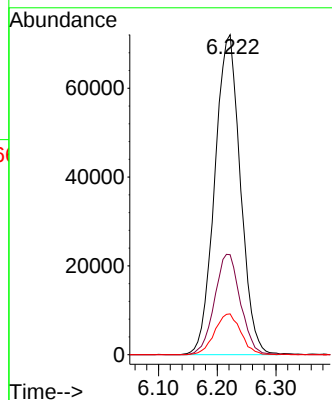
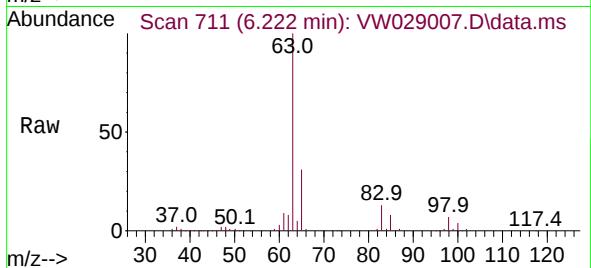
Tgt Ion: 63 Resp: 218542

Ion Ratio Lower Upper

63 100

65 31.2 21.8 40.6

83 12.8 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 22.889 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

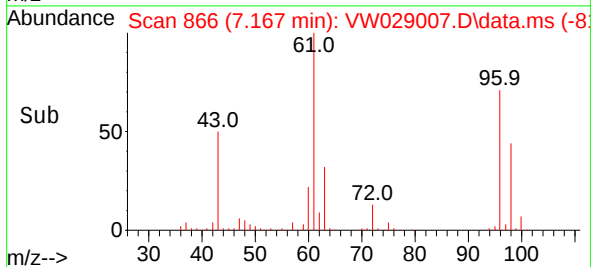
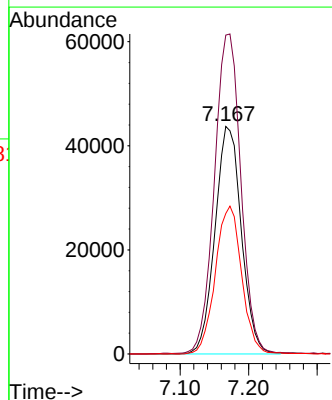
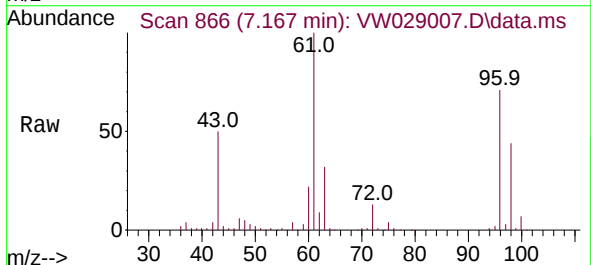
Tgt Ion: 96 Resp: 116766

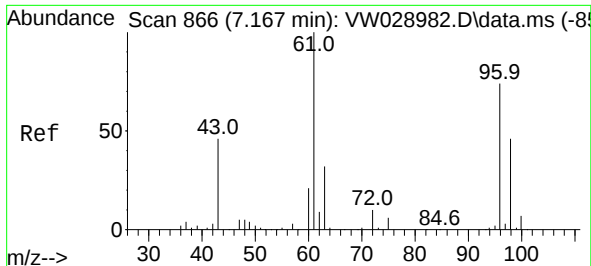
Ion Ratio Lower Upper

96 100

61 140.2 92.9 172.5

98 61.7 45.2 84.0





#22

2-Butanone

Concen: 58.411 ug/L

RT: 7.167 min Scan# 8

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

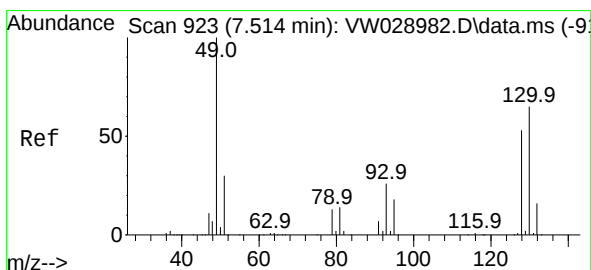
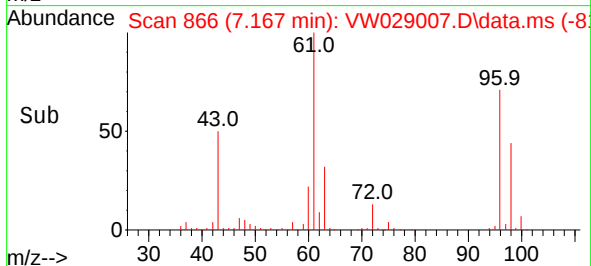
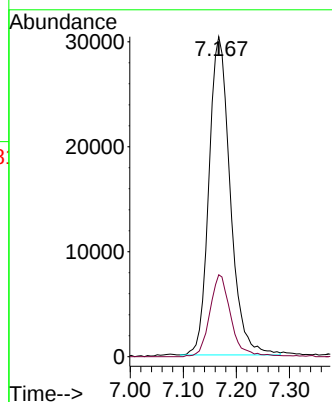
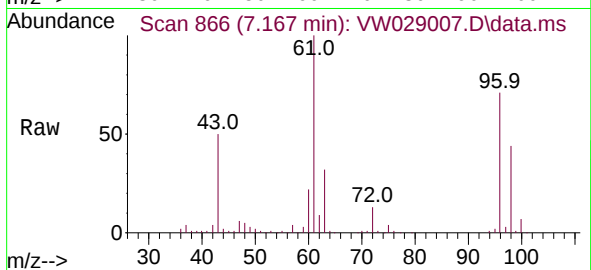
ClientSampleId :

Tgt Ion: 43 Resp: 84532

Ion Ratio Lower Upper

43 100

72 25.0 12.5 37.5



#23

Bromochloromethane

Concen: 22.910 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Tgt Ion: 128 Resp: 51016

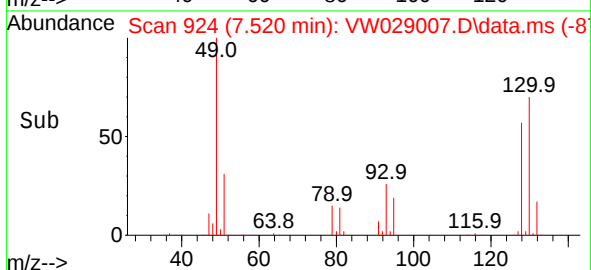
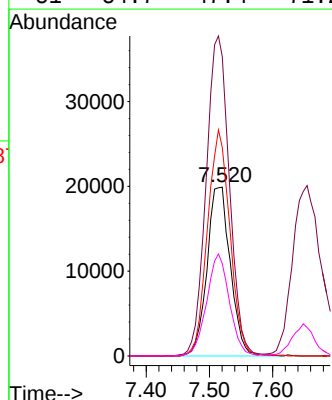
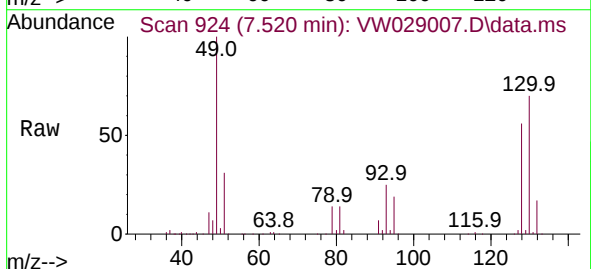
Ion Ratio Lower Upper

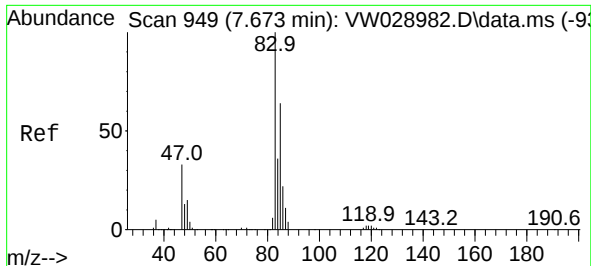
128 100

49 177.3 135.9 252.3

130 123.5 89.0 165.2

51 54.7 47.4 71.2

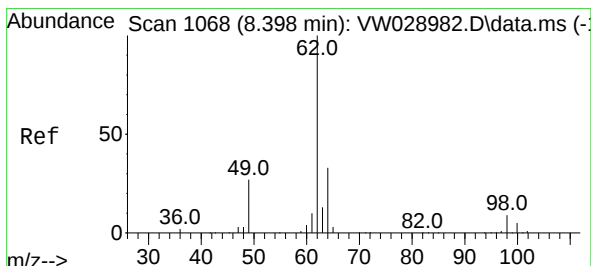
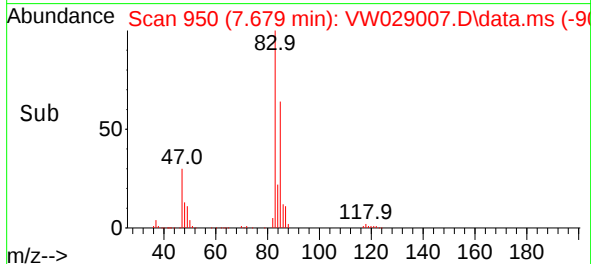
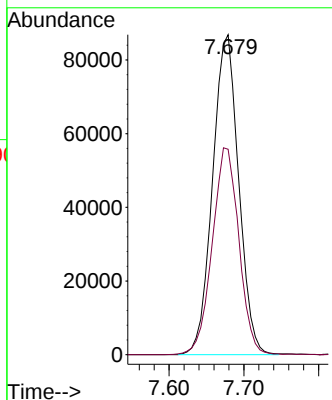
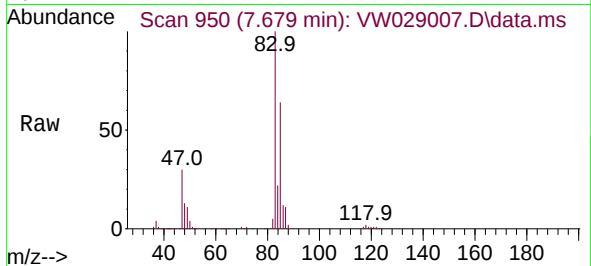




#25
Chloroform
Concen: 22.701 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

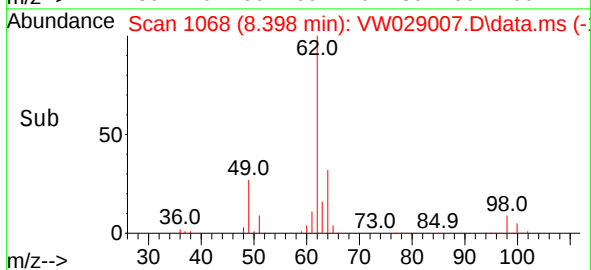
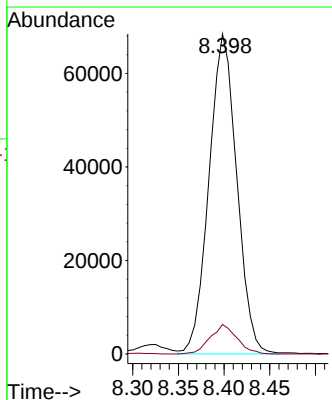
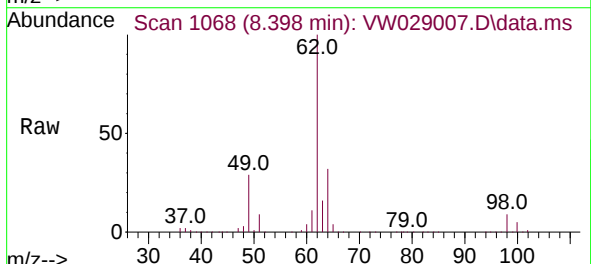
Instrument :
MSVOA_W
ClientSampleId :

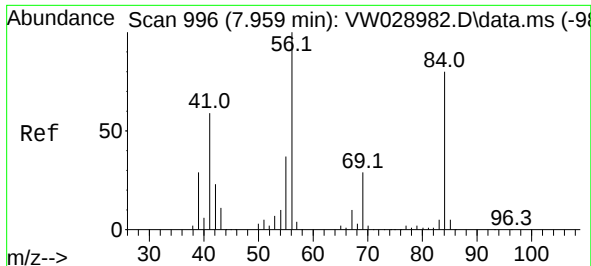
Tgt Ion: 83 Resp: 210932
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 23.287 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion: 62 Resp: 145000
Ion Ratio Lower Upper
62 100
98 9.2 7.1 10.7





#29

Cyclohexane

Concen: 23.988 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

ClientSampleId :

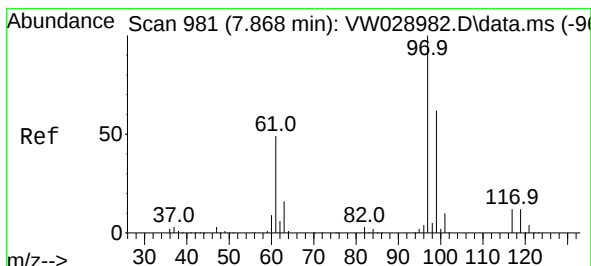
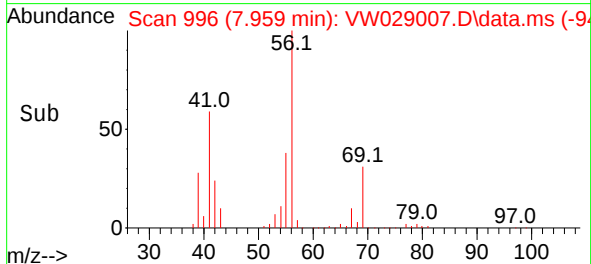
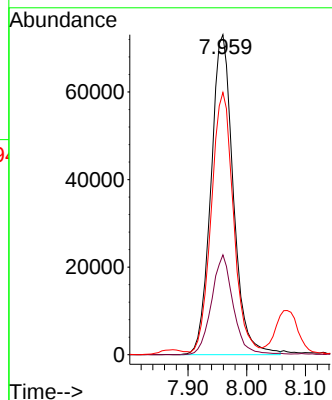
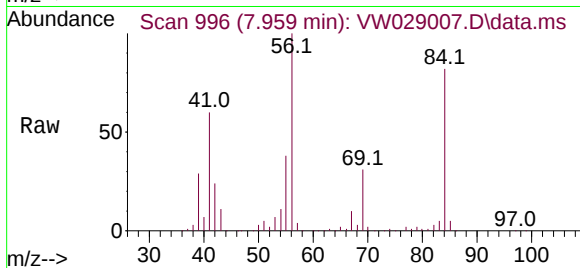
Tgt Ion: 56 Resp: 193171

Ion Ratio Lower Upper

56 100

69 30.1 24.2 36.4

84 81.5 65.4 98.2



#30

1,1,1-Trichloroethane

Concen: 22.832 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

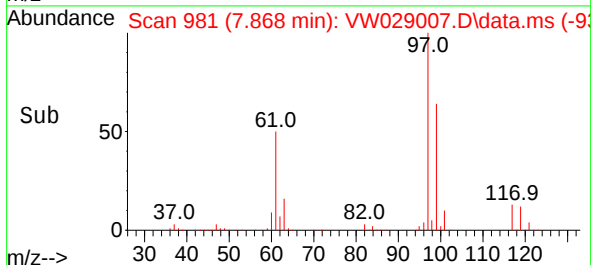
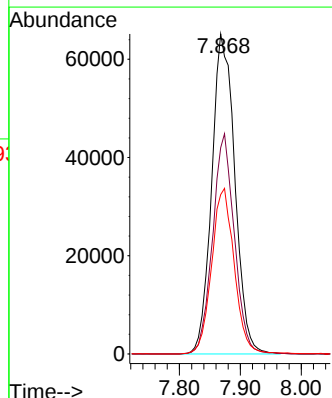
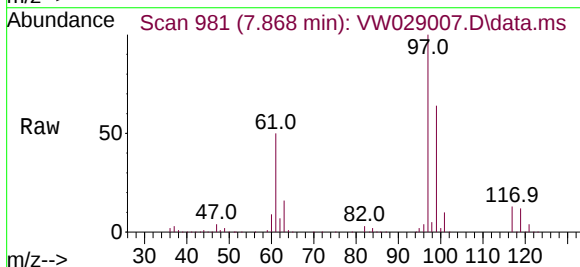
Tgt Ion: 97 Resp: 171335

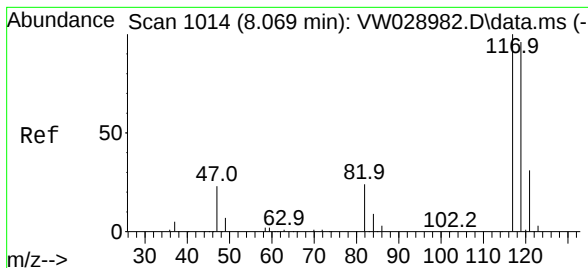
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 50.8 39.6 59.4

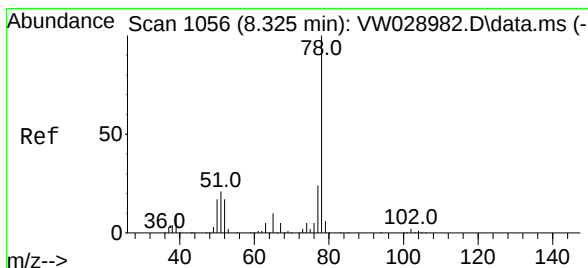
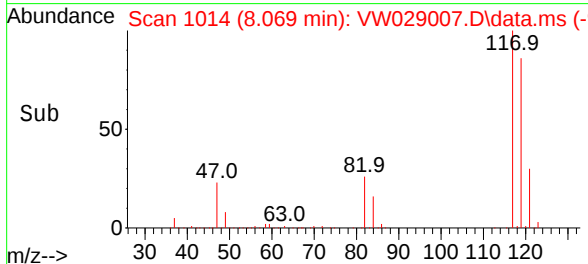
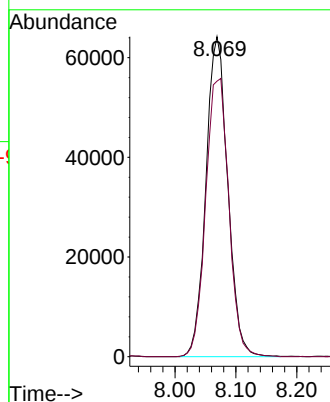
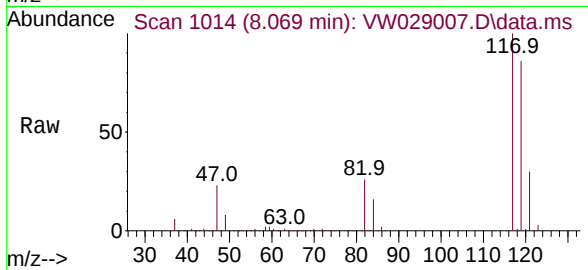




#31
Carbon tetrachloride
Concen: 23.380 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

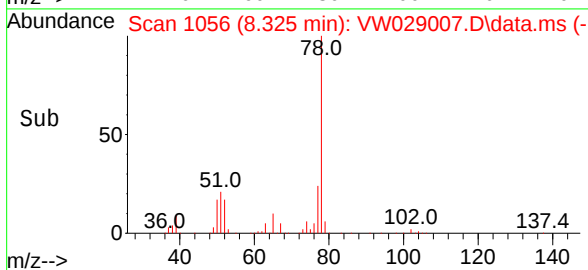
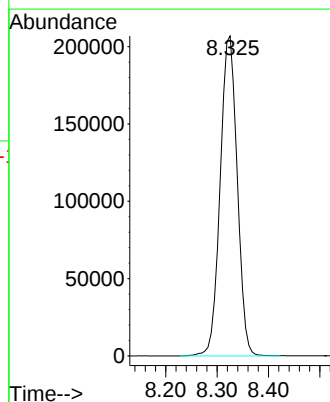
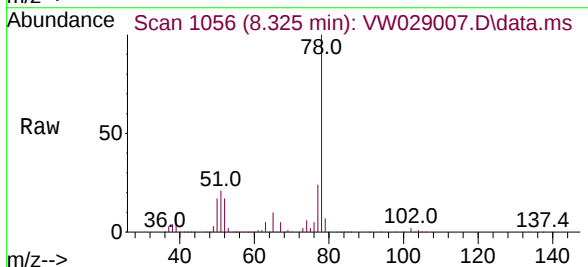
Instrument :
MSVOA_W
ClientSampleId :

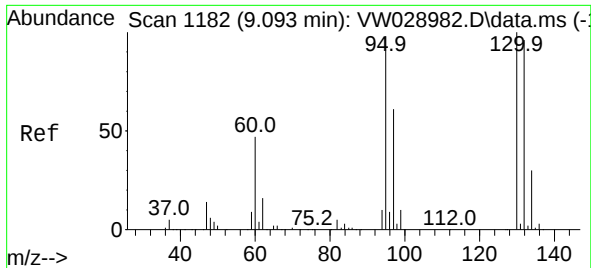
Tgt Ion:117 Resp: 159812
Ion Ratio Lower Upper
117 100
119 92.3 78.8 118.2



#33
Benzene
Concen: 23.664 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion: 78 Resp: 476568

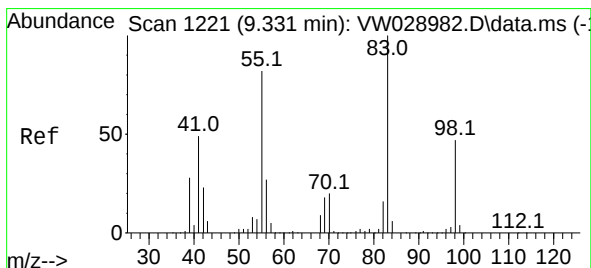
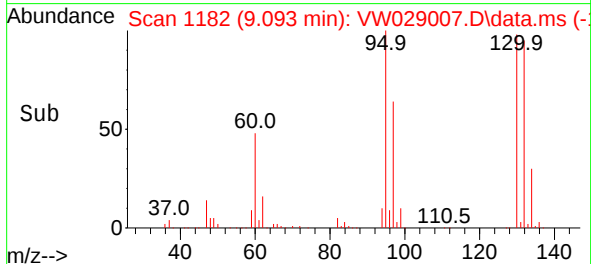
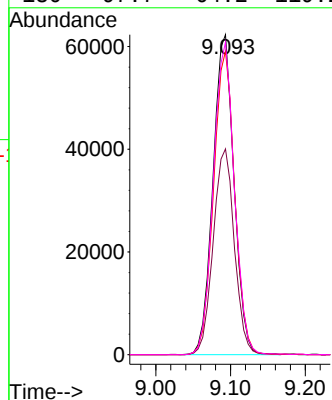
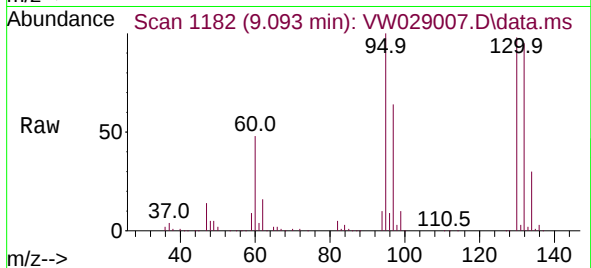




#34
Trichloroethene
Concen: 23.062 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

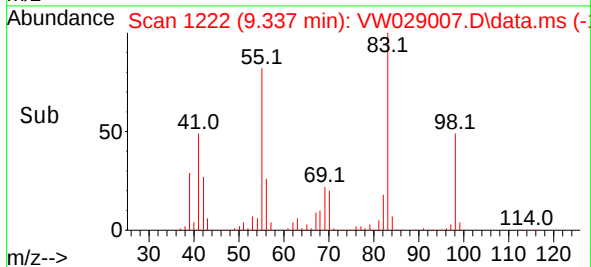
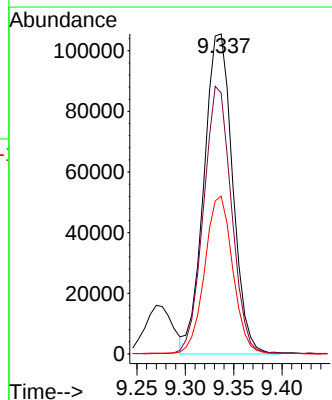
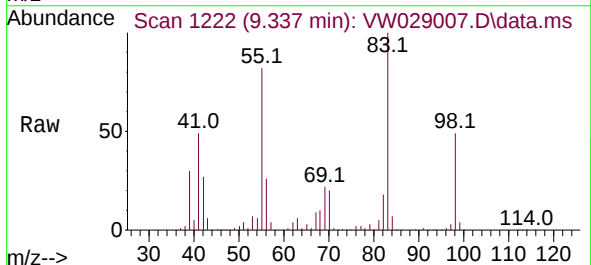
Instrument :
MSVOA_W
ClientSampleId :

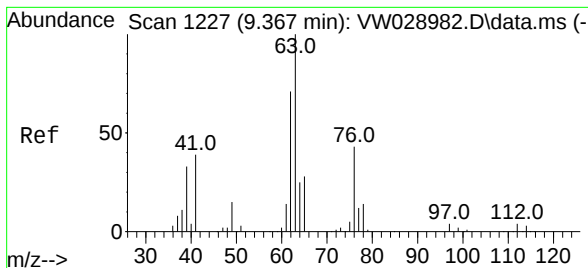
Tgt Ion: 95 Resp: 122104
Ion Ratio Lower Upper
95 100
97 64.3 41.9 77.7
132 94.9 60.1 111.5
130 97.7 64.2 119.2



#35
Methylcyclohexane
Concen: 24.256 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion: 83 Resp: 217855
Ion Ratio Lower Upper
83 100
55 81.9 65.8 98.6
98 47.9 38.4 57.6





#37

1,2-Dichloropropane

Concen: 23.745 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

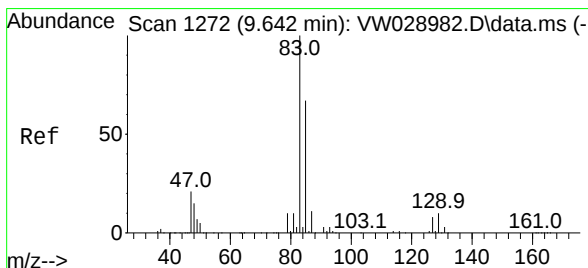
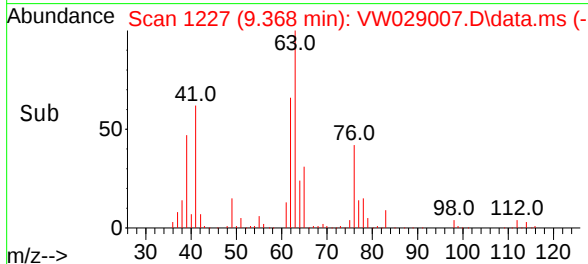
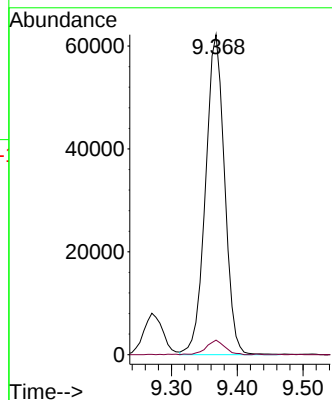
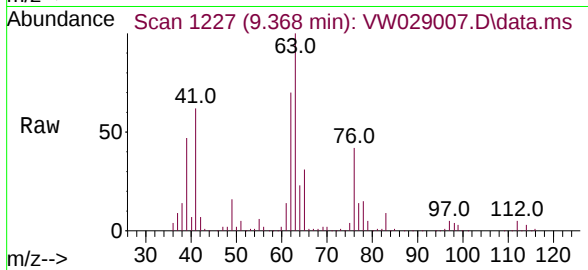
ClientSampleId :

Tgt Ion: 63 Resp: 125225

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



#38

Bromodichloromethane

Concen: 23.264 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

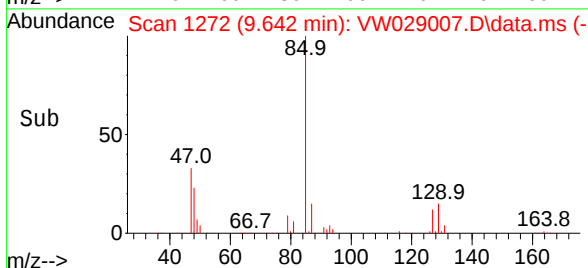
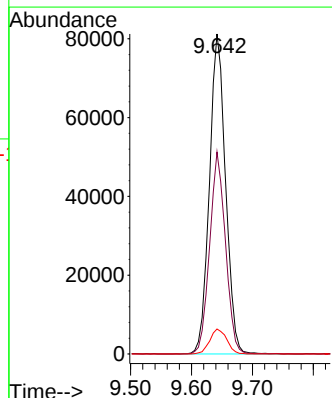
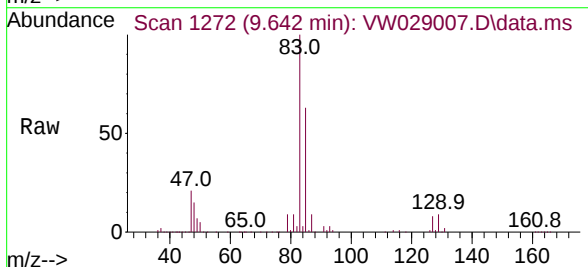
Tgt Ion: 83 Resp: 149630

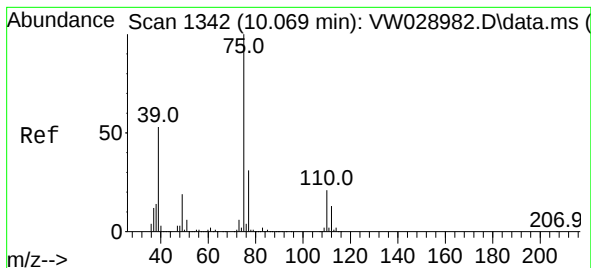
Ion Ratio Lower Upper

83 100

85 63.1 43.9 81.5

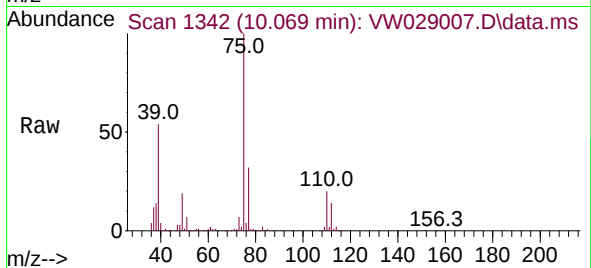
127 7.8 5.4 8.2



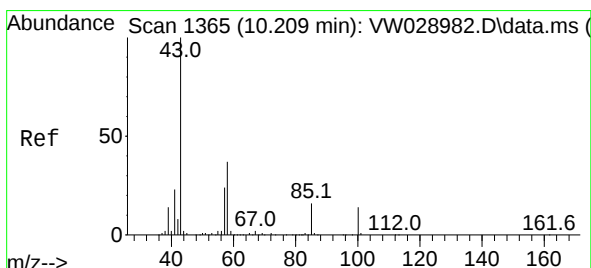
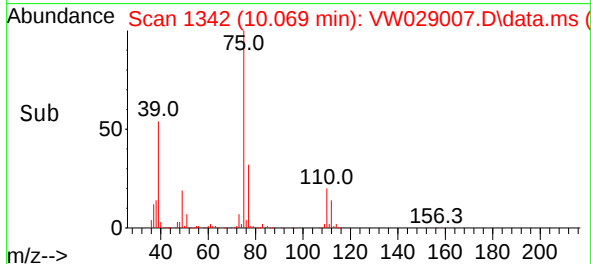
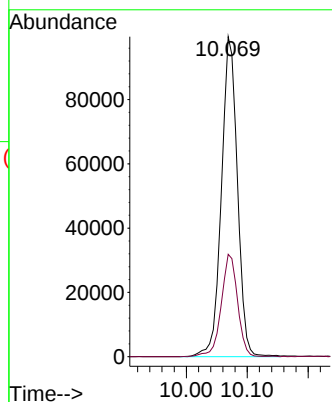


#39
cis-1,3-Dichloropropene
Concen: 23.684 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Instrument :
MSVOA_W
ClientSampleId :

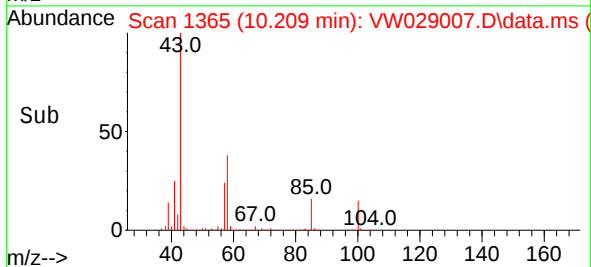
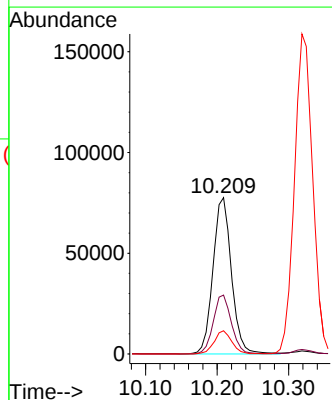
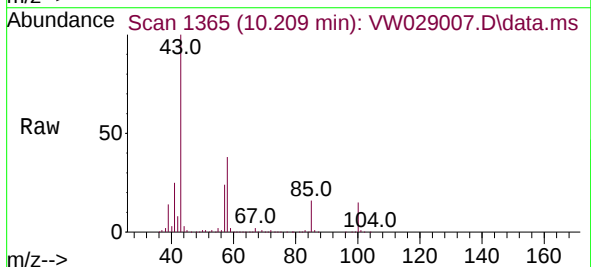


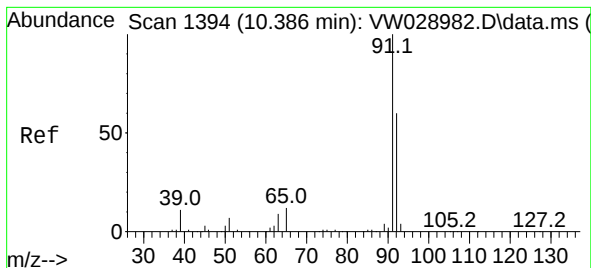
Tgt Ion: 75 Resp: 181521
Ion Ratio Lower Upper
75 100
77 32.0 21.0 39.0



#40
4-Methyl-2-pentanone
Concen: 51.999 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion: 43 Resp: 139485
Ion Ratio Lower Upper
43 100
58 37.0 30.3 45.5
100 14.3 10.7 16.1





#42

Toluene

Concen: 24.333 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

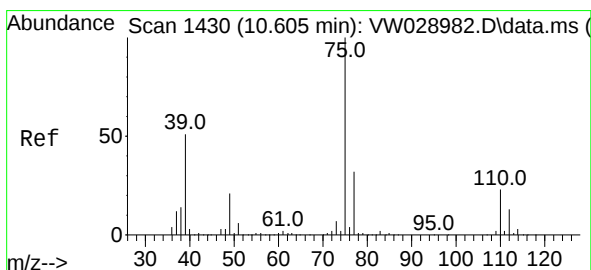
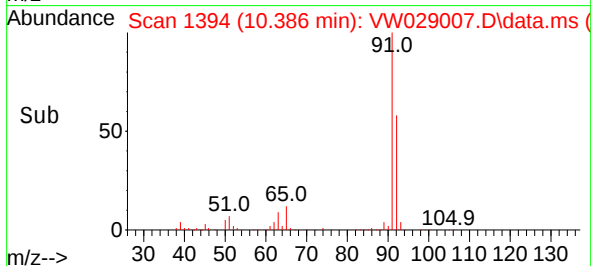
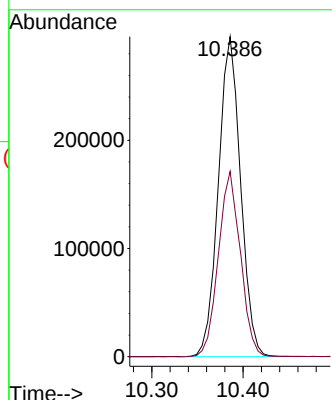
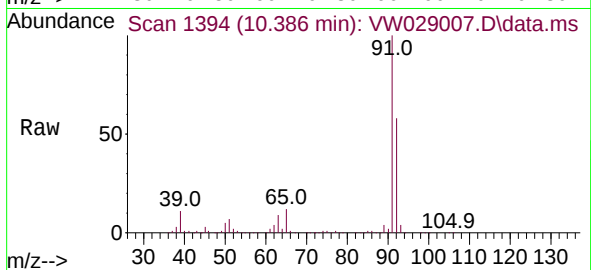
ClientSampleId :

Tgt Ion: 91 Resp: 500616

Ion Ratio Lower Upper

91 100

92 57.9 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 24.101 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029007.D

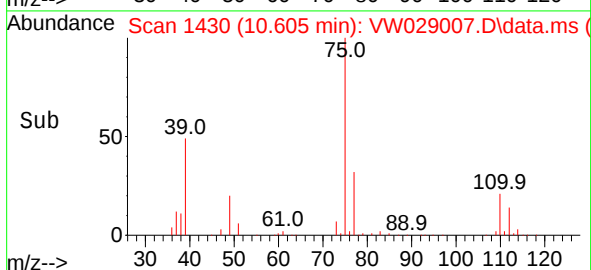
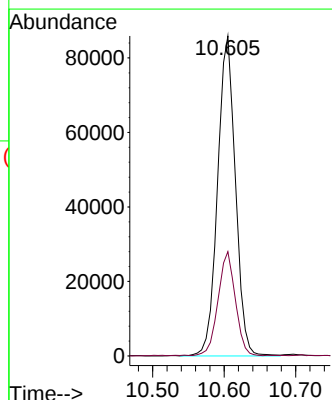
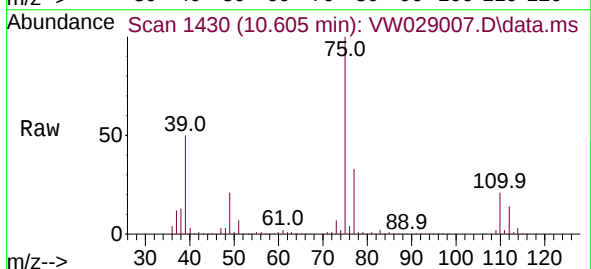
Acq: 05 Jun 2024 08:28

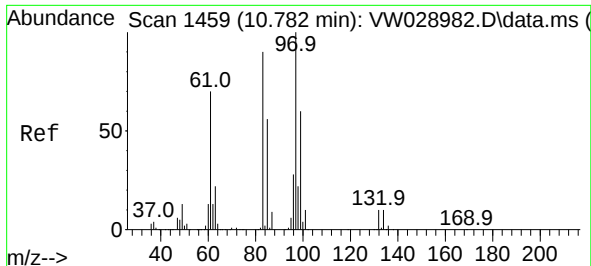
Tgt Ion: 75 Resp: 148912

Ion Ratio Lower Upper

75 100

77 32.6 22.0 40.8

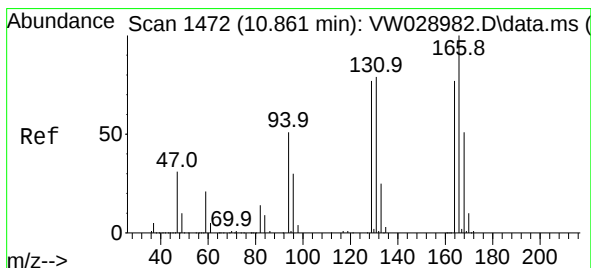
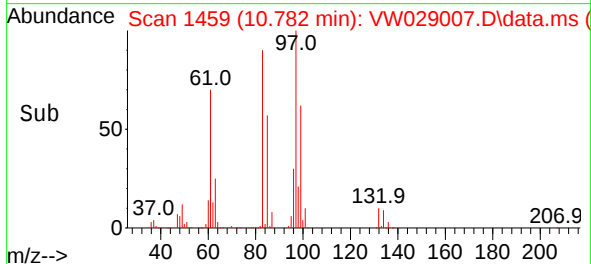
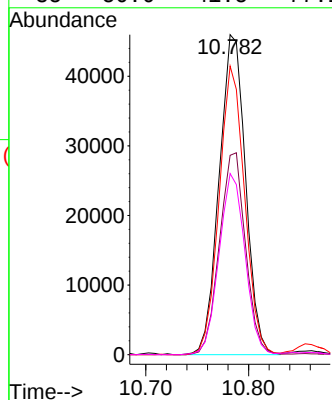
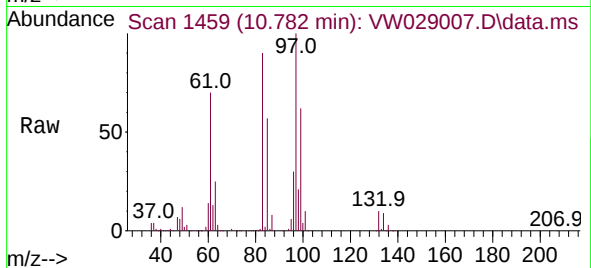




#45
1,1,2-Trichloroethane
Concen: 23.014 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

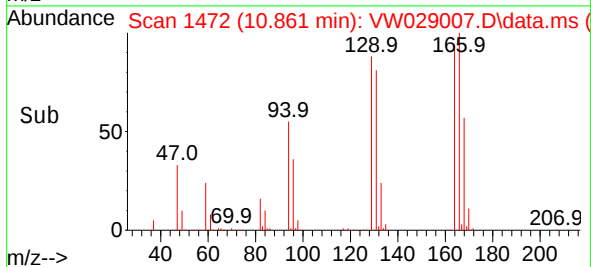
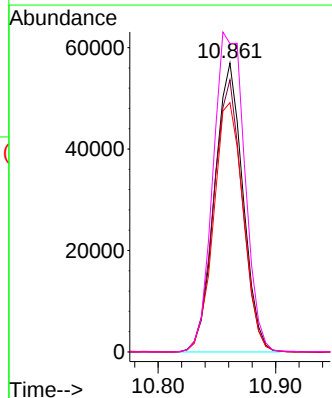
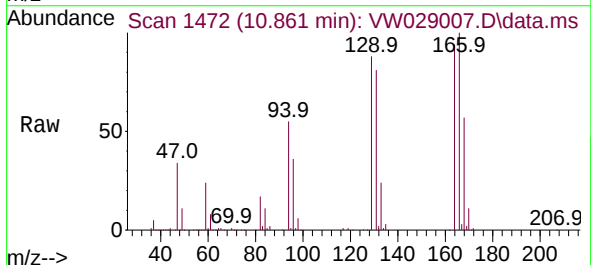
Instrument :
MSVOA_W
ClientSampleId :

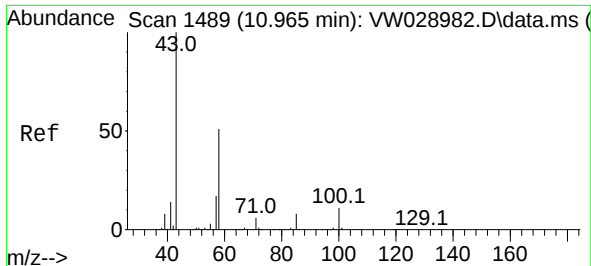
Tgt Ion: 97	Resp: 81970
Ion Ratio	Lower Upper
97 100	
99 62.3	41.8 77.6
83 90.2	62.4 115.8
85 56.6	41.5 77.1



#46
Tetrachloroethene
Concen: 23.761 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt	Ion:164	Resp:	95581
Ion	Ratio	Lower	Upper
164	100		
129	94.2	69.4	128.8
131	86.3	71.0	131.9
166	106.7	96.0	178.4

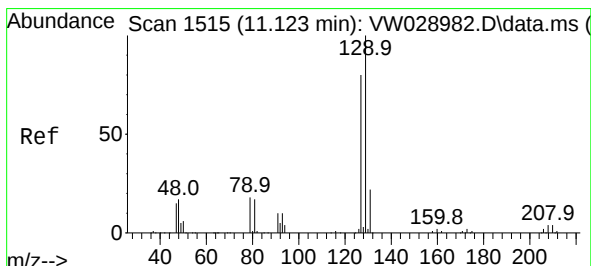
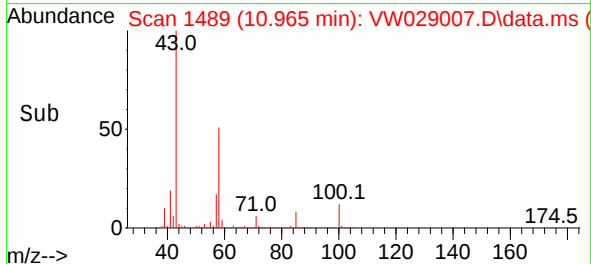
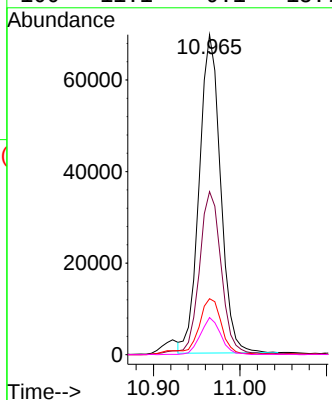
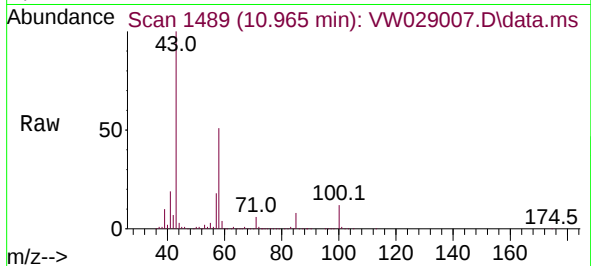




#48
2-Hexanone
Concen: 59.110 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

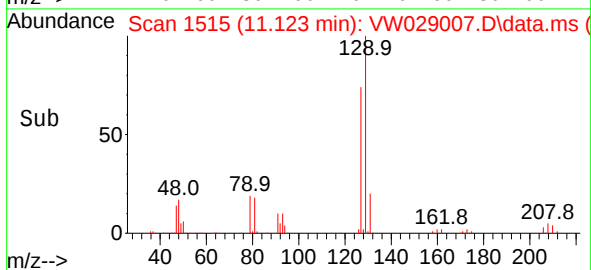
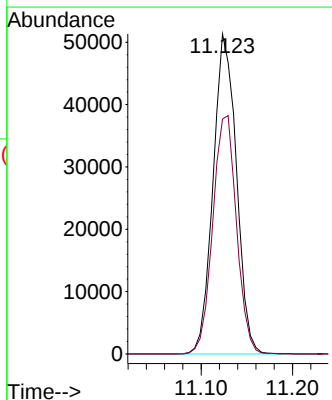
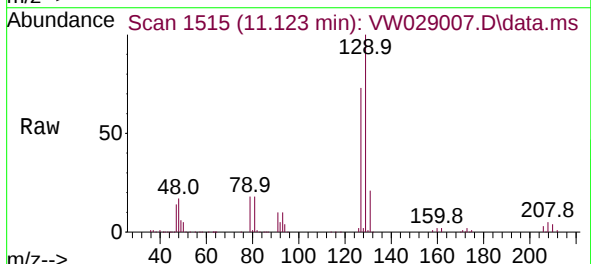
Instrument :
MSVOA_W
ClientSampleId :

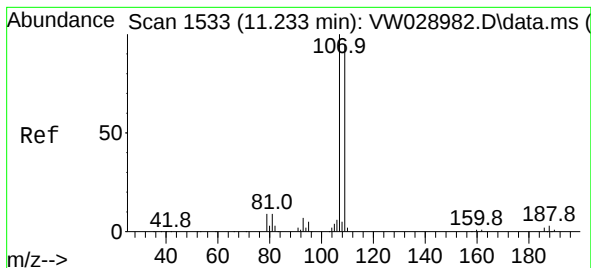
Tgt Ion: 43 Resp: 118880
Ion Ratio Lower Upper
43 100
58 51.2 41.4 62.0
57 18.2 14.2 21.4
100 11.1 9.1 13.7



#49
Dibromochloromethane
Concen: 24.136 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

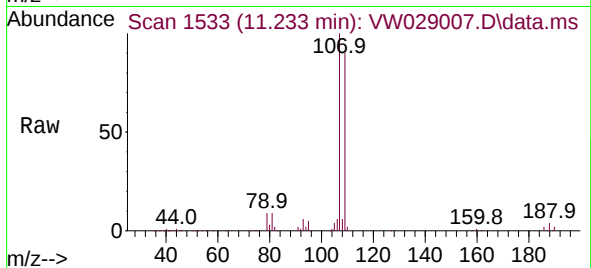
Tgt Ion:129 Resp: 90798
Ion Ratio Lower Upper
129 100
127 73.4 56.5 104.9



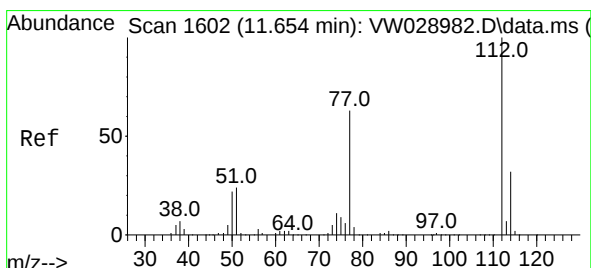
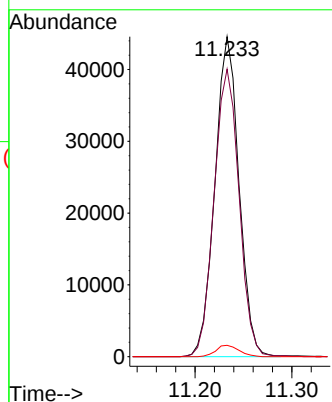
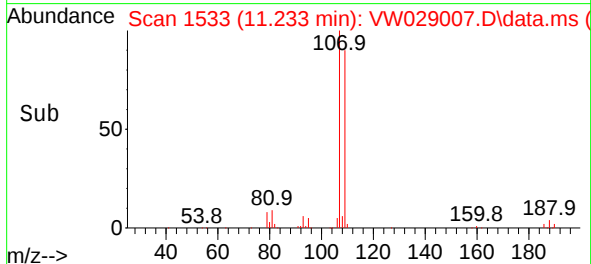


#50
1,2-Dibromoethane
Concen: 23.754 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Instrument :
MSVOA_W
ClientSampleId :

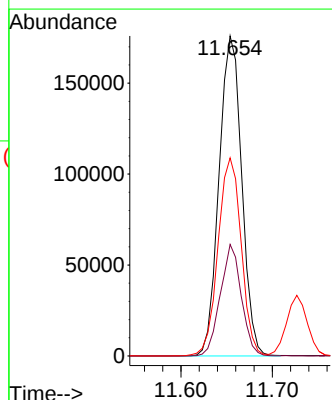
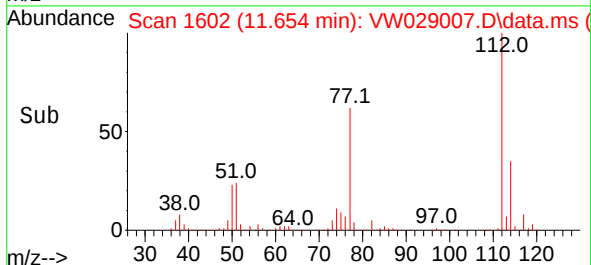
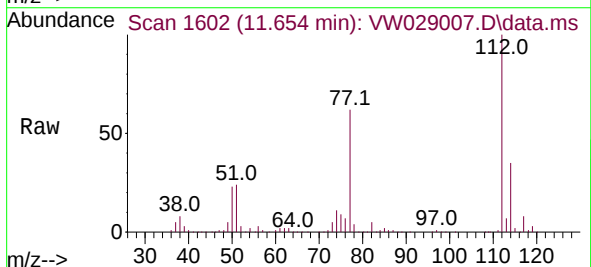


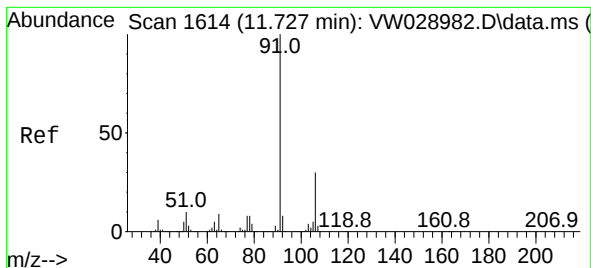
Tgt Ion:107 Resp: 77233
Ion Ratio Lower Upper
107 100
109 89.9 67.9 126.1
188 3.6 3.0 4.4



#51
Chlorobenzene
Concen: 22.979 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion:112 Resp: 303680
Ion Ratio Lower Upper
112 100
114 34.8 23.7 44.1
77 61.9 51.7 77.5





#52

Ethylbenzene

Concen: 23.983 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

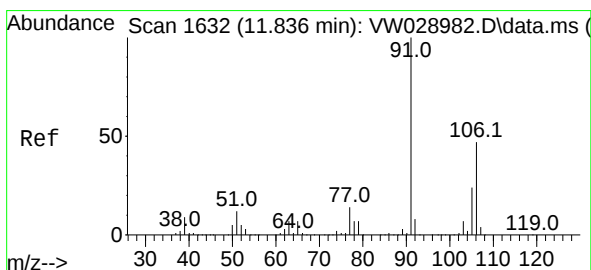
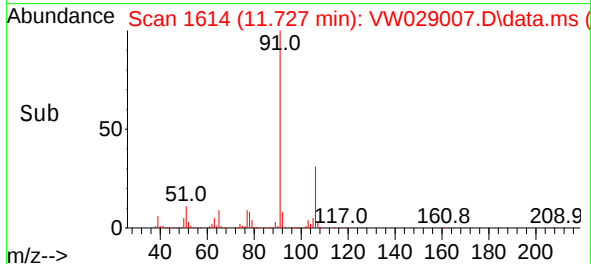
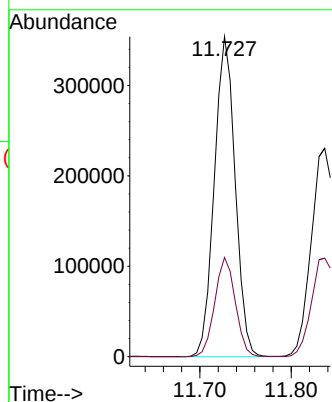
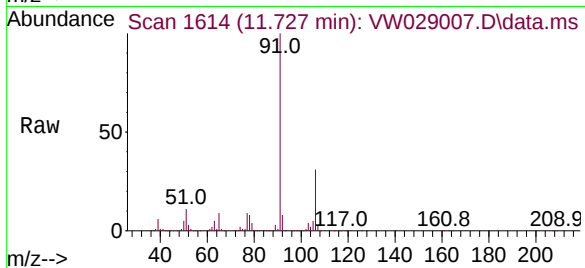
ClientSampleId :

Tgt Ion: 91 Resp: 560607

Ion Ratio Lower Upper

91 100

106 31.0 19.9 37.0



#53

m,p-Xylene

Concen: 24.004 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029007.D

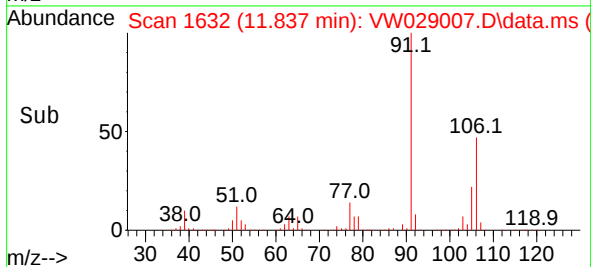
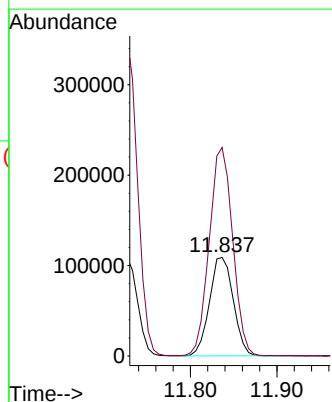
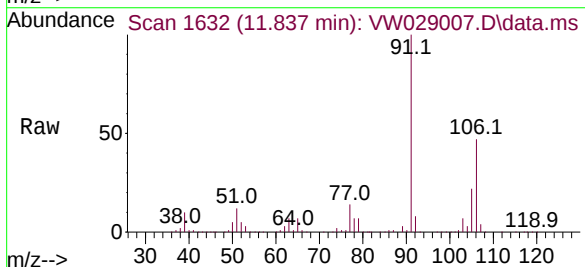
Acq: 05 Jun 2024 08:28

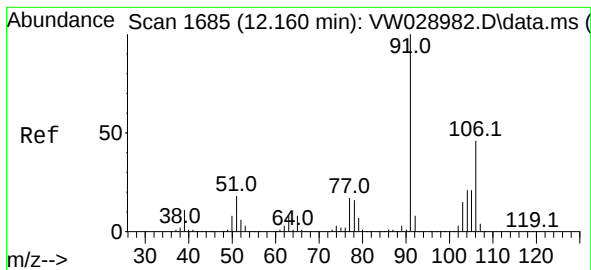
Tgt Ion:106 Resp: 207828

Ion Ratio Lower Upper

106 100

91 211.4 152.0 282.2





#54

o-Xylene

Concen: 24.432 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

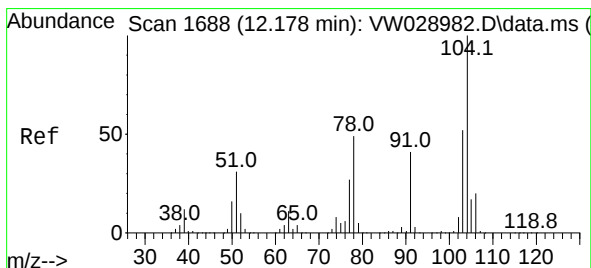
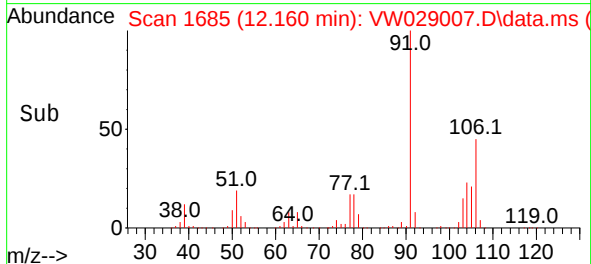
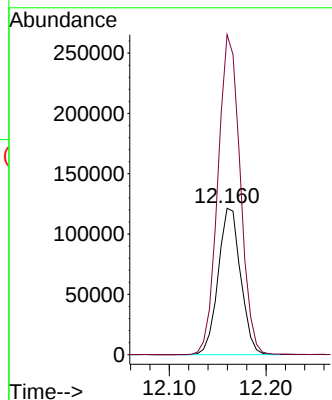
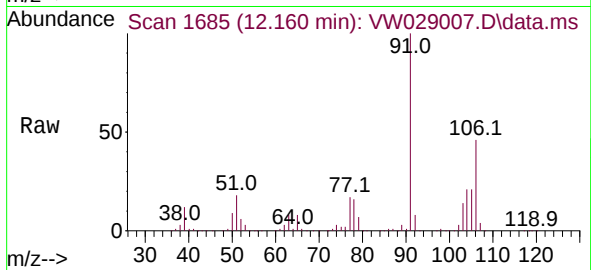
ClientSampleId :

Tgt Ion:106 Resp: 195864

Ion Ratio Lower Upper

106 100

91 218.5 152.5 283.3



#55

Styrene

Concen: 24.543 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029007.D

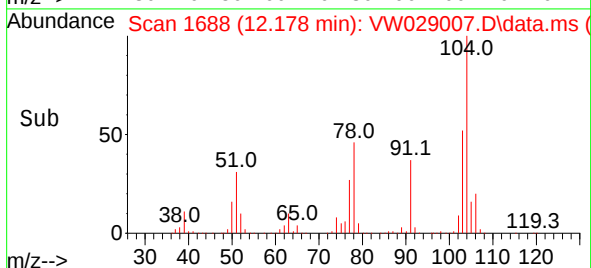
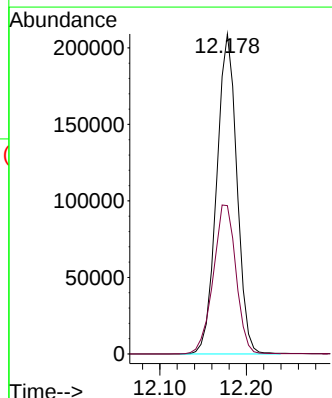
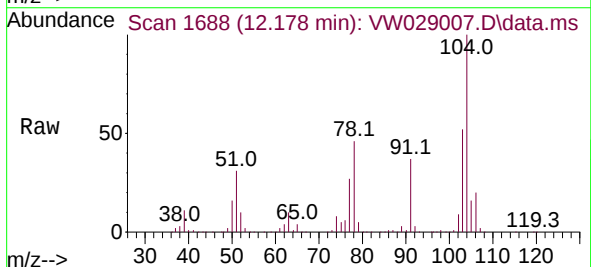
Acq: 05 Jun 2024 08:28

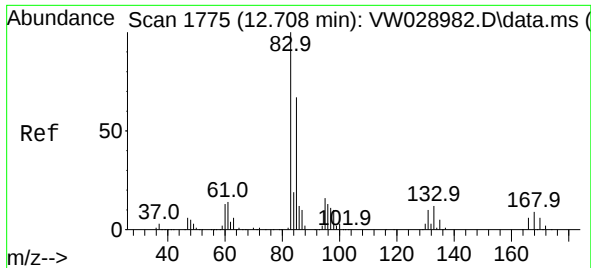
Tgt Ion:104 Resp: 339225

Ion Ratio Lower Upper

104 100

78 46.3 33.3 61.9

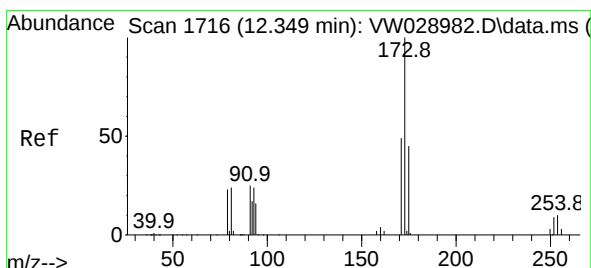
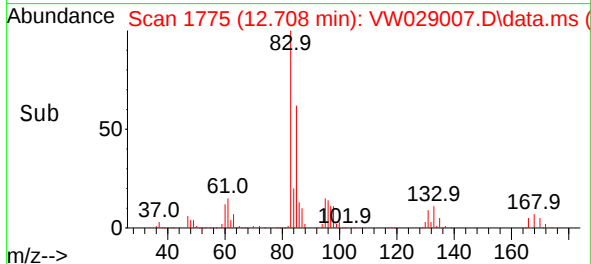
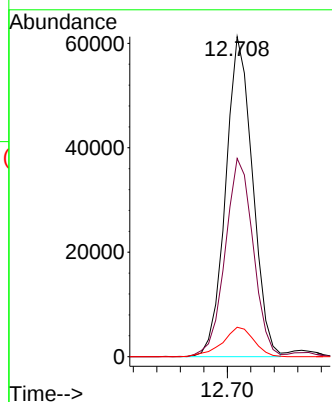
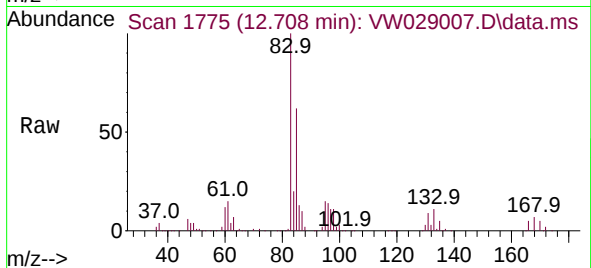




#57
1,1,2,2-Tetrachloroethane
Concen: 24.240 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

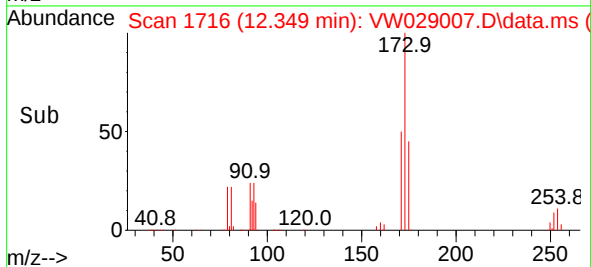
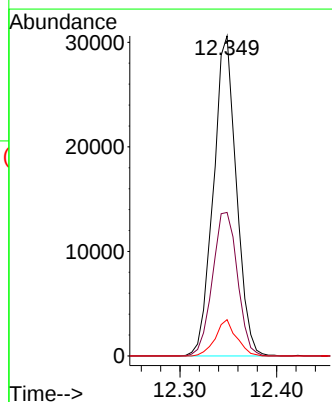
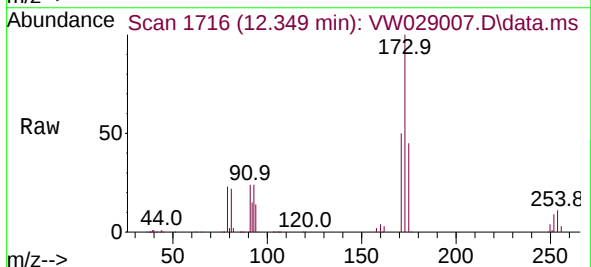
Instrument :
MSVOA_W
ClientSampleId :

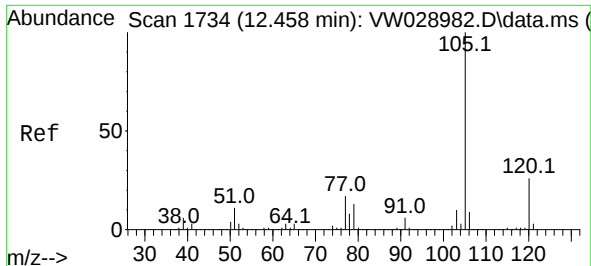
Tgt Ion: 83 Resp: 97465
Ion Ratio Lower Upper
83 100
85 62.0 43.8 81.3
131 9.2 7.3 10.9



#59
Bromoform
Concen: 23.887 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion:173 Resp: 50335
Ion Ratio Lower Upper
173 100
175 48.9 38.1 57.1
254 10.4 8.2 12.2

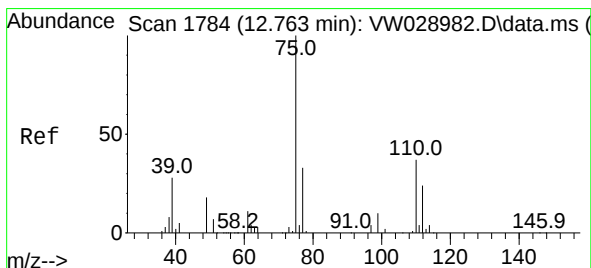
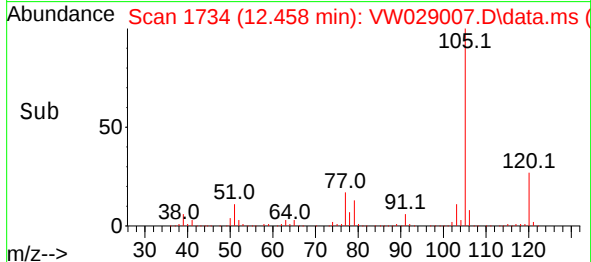
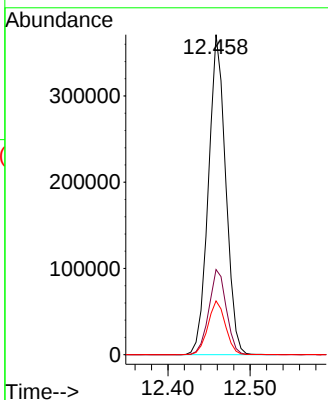
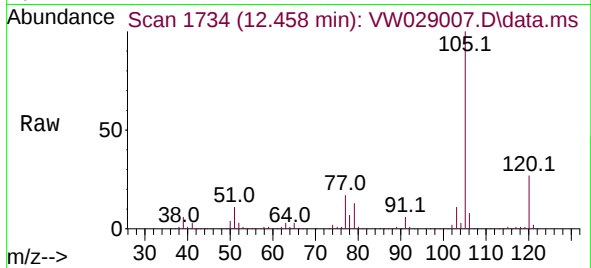




#60
Isopropylbenzene
Concen: 23.389 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

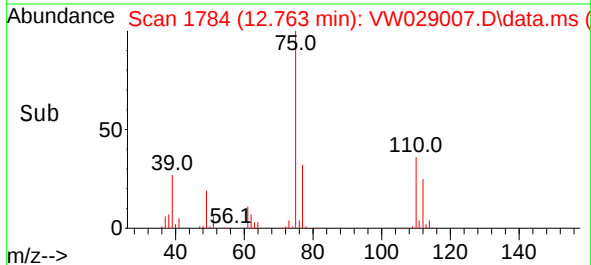
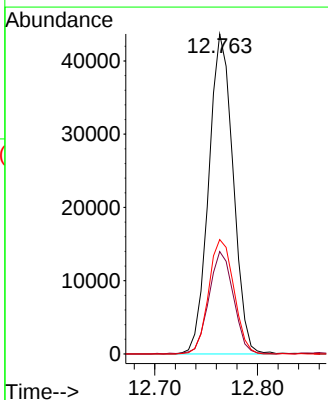
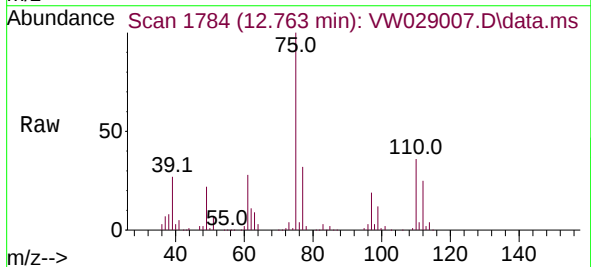
Instrument :
MSVOA_W
ClientSampleId :

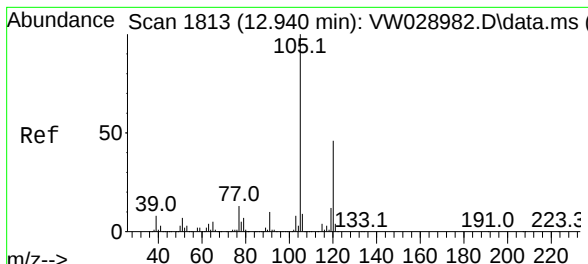
Tgt Ion:105 Resp: 542442
Ion Ratio Lower Upper
105 100
120 26.8 20.7 31.1
77 16.9 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 23.298 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion: 75 Resp: 72015
Ion Ratio Lower Upper
75 100
77 32.2 26.3 39.5
110 36.8 29.4 44.0



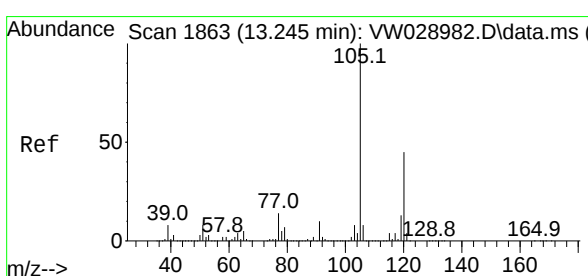
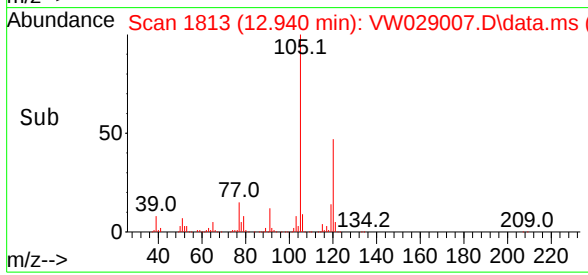
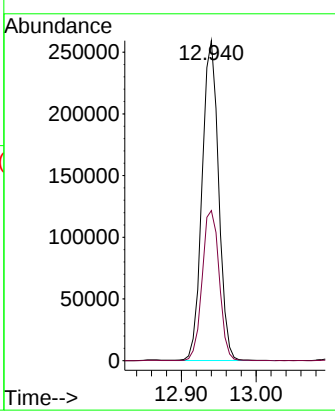
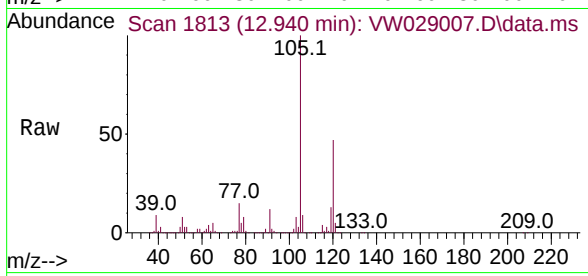


#62
 1,3,5-Trimethylbenzene
 Concen: 23.608 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW029007.D
 Acq: 05 Jun 2024 08:28

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 398216

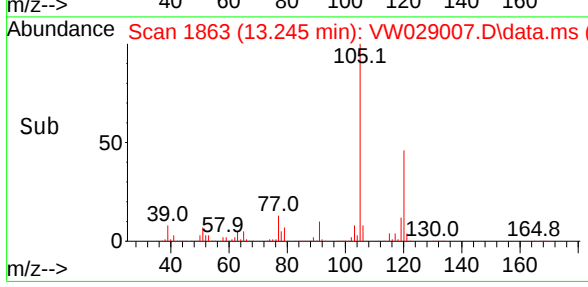
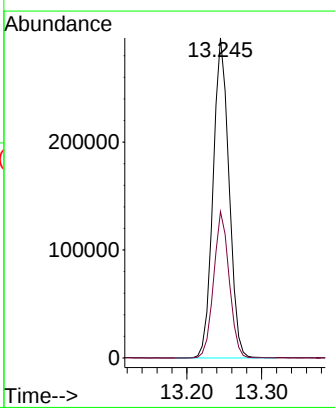
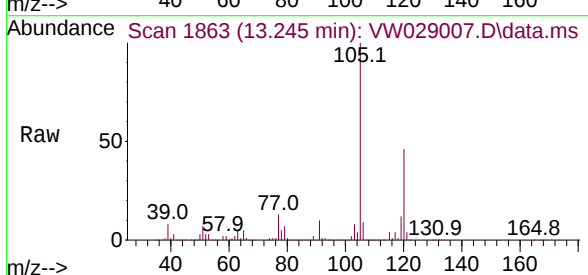
Ion	Ratio	Lower	Upper
105	100		
120	48.5	38.4	57.6

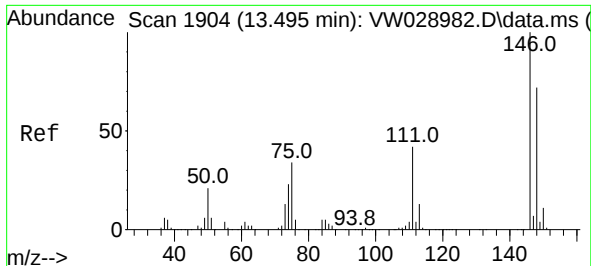


#63
 1,2,4-Trimethylbenzene
 Concen: 24.641 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW029007.D
 Acq: 05 Jun 2024 08:28

Tgt Ion:105 Resp: 439264

Ion	Ratio	Lower	Upper
105	100		
120	44.5	35.8	53.8

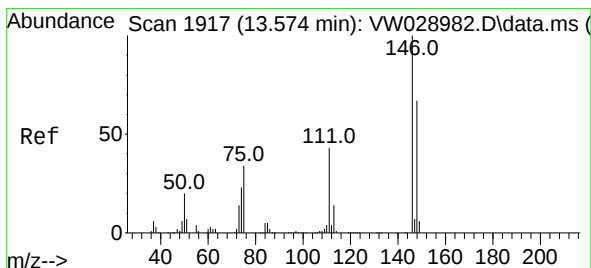
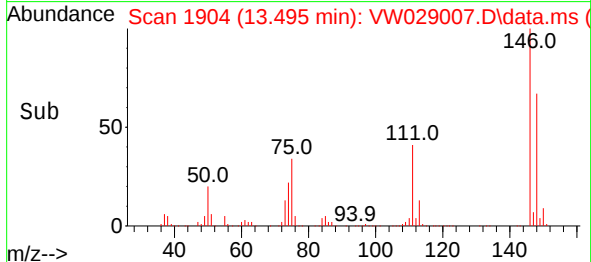
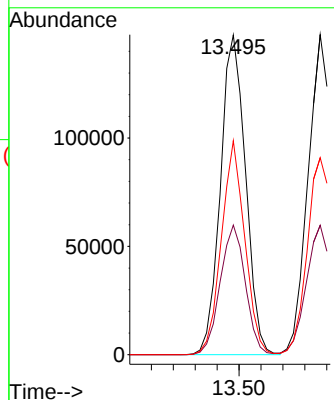
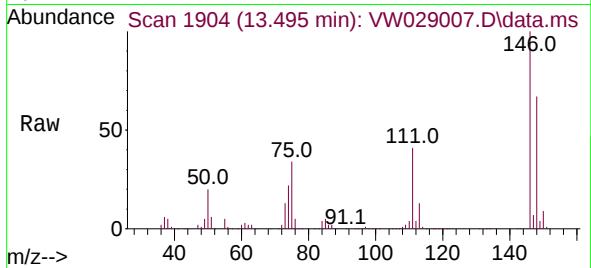




#64
1,3-Dichlorobenzene
Concen: 23.546 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

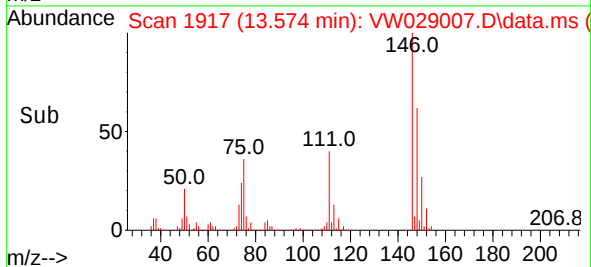
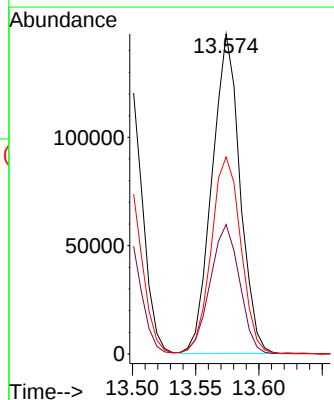
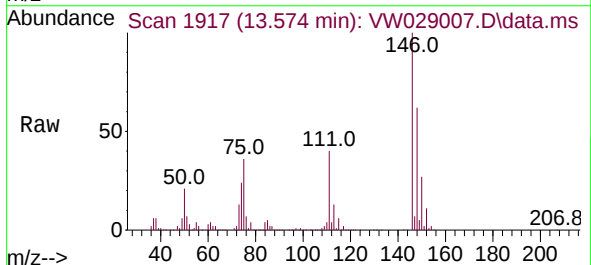
Instrument :
MSVOA_W
ClientSampleId :

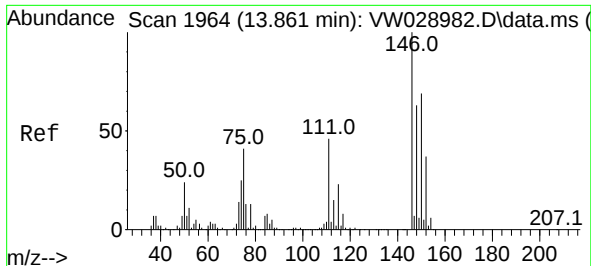
Tgt Ion:146 Resp: 234671
Ion Ratio Lower Upper
146 100
111 40.5 29.4 54.6
148 66.9 42.5 78.9



#65
1,4-Dichlorobenzene
Concen: 21.792 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion:146 Resp: 226840
Ion Ratio Lower Upper
146 100
111 40.5 27.5 51.1
148 61.5 39.5 73.3

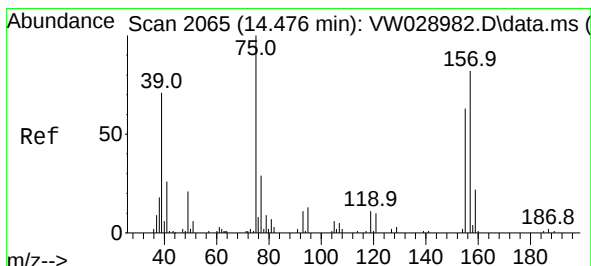
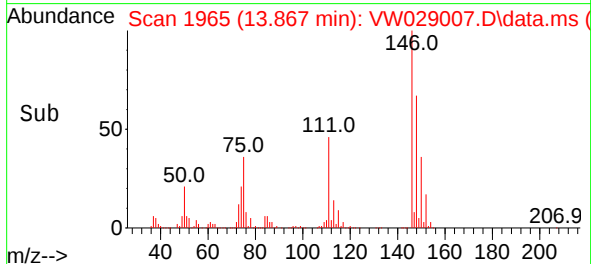
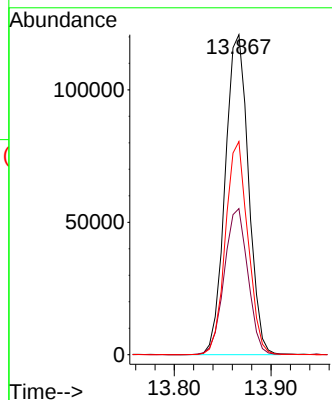
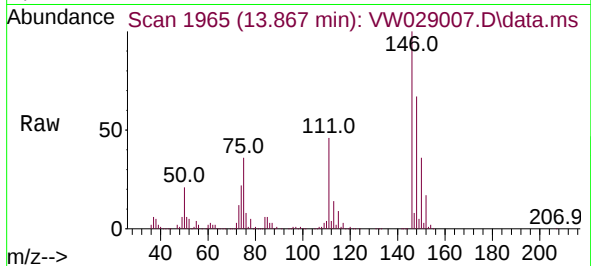




#67
1,2-Dichlorobenzene
Concen: 22.654 ug/L
RT: 13.867 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

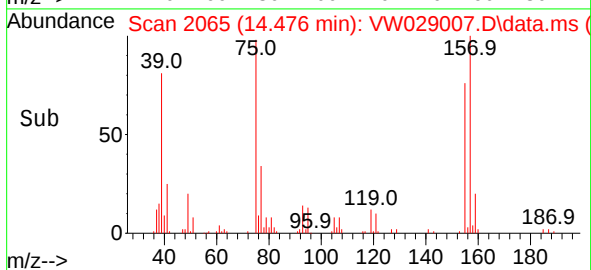
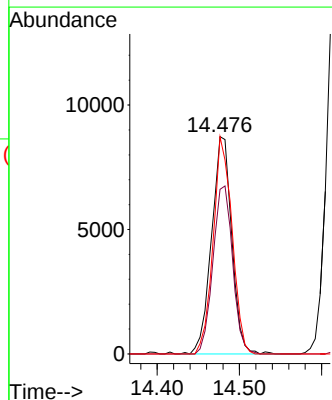
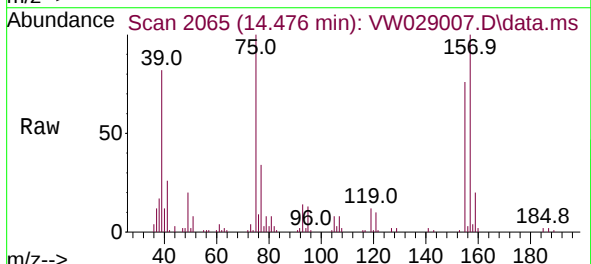
Instrument :
MSVOA_W
ClientSampleId :

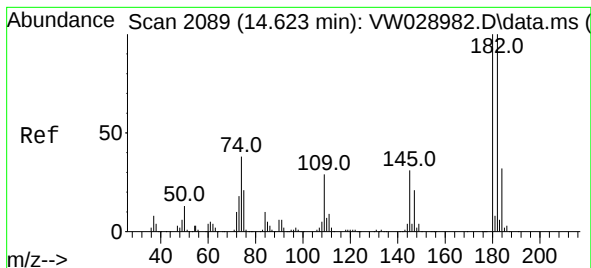
Tgt Ion:146 Resp: 202364
Ion Ratio Lower Upper
146 100
111 45.6 32.8 49.2
148 66.6 48.2 72.4



#68
1,2-Dibromo-3-chloropropane
Concen: 22.609 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029007.D
Acq: 05 Jun 2024 08:28

Tgt Ion: 75 Resp: 14896
Ion Ratio Lower Upper
75 100
155 75.8 52.3 78.5
157 99.9 71.0 106.4





#69

1,3,5-Trichlorobenzene

Concen: 22.509 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

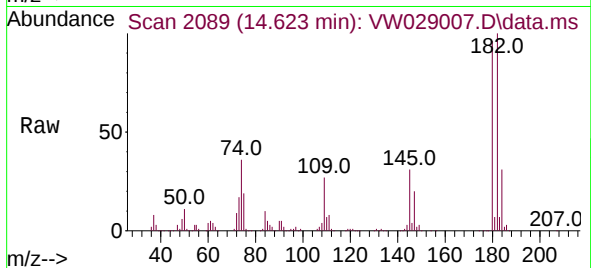
Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 154026

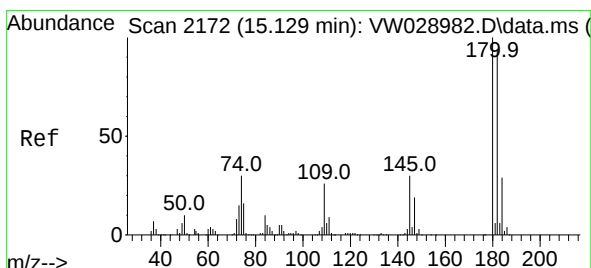
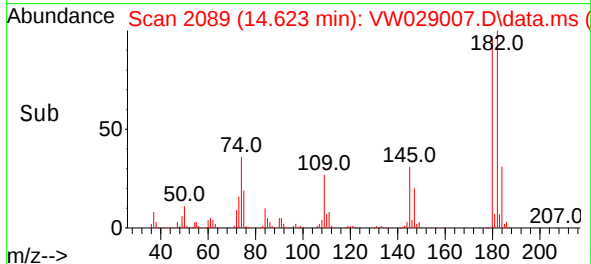
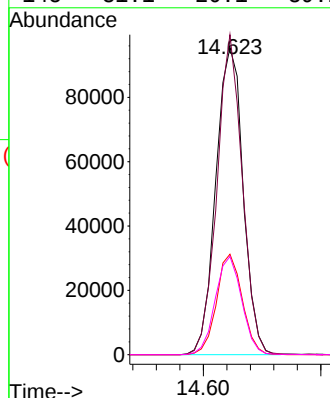
Ion Ratio Lower Upper

180 100

182 96.5 77.4 116.0

184 30.9 24.6 36.8

145 31.1 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 22.697 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

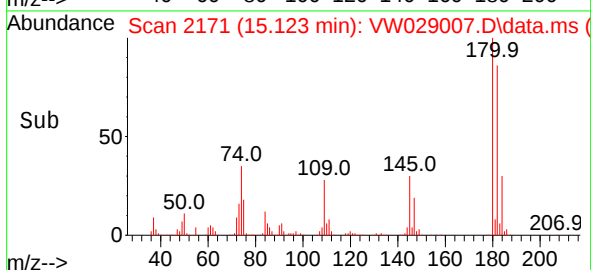
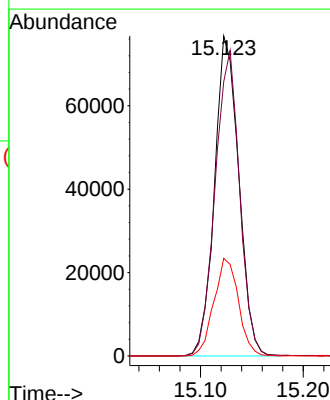
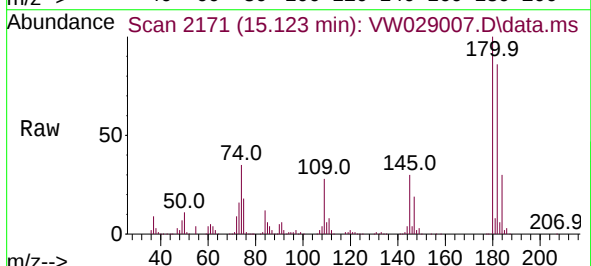
Tgt Ion:180 Resp: 125877

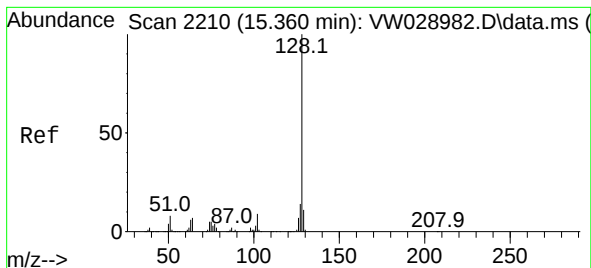
Ion Ratio Lower Upper

180 100

182 95.7 75.3 112.9

145 30.9 26.2 39.2





#71

Naphthalene

Concen: 23.944 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Instrument :

MSVOA_W

ClientSampleId :

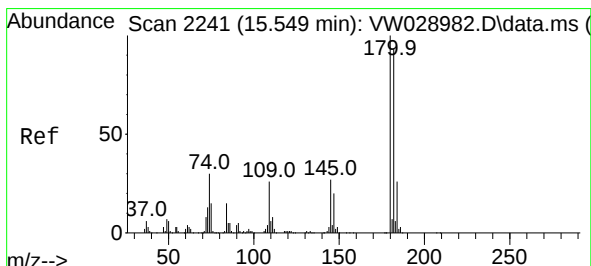
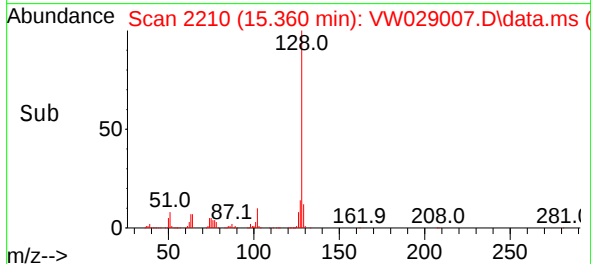
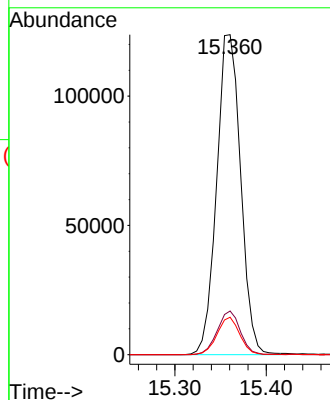
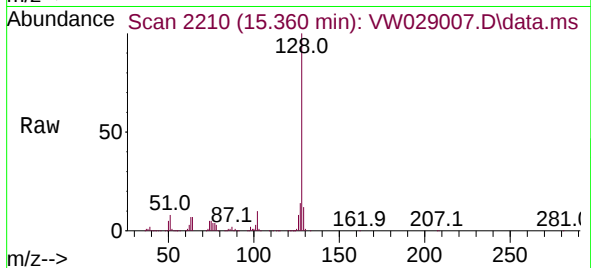
Tgt Ion:128 Resp: 226256

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

129 11.1 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 23.325 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW029007.D

Acq: 05 Jun 2024 08:28

Tgt Ion:180 Resp: 110525

Ion Ratio Lower Upper

180 100

182 95.0 75.4 113.0

145 33.1 26.6 39.8

