

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100724\
 Data File : VW030413.D
 Acq On : 07 Oct 2024 12:38
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 08 01:14:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092724SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Oct 05 01:25:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	192489	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	178142	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	92967	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	41178	27.376	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.520%
7) Chloroethane-d5	2.905	69	32515	29.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.840%
11) 1,1-Dichloroethene-d2	4.021	65	24488	22.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.200%
21) 2-Butanone-d5	7.075	46	27037	44.697	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.400%
24) Chloroform-d	7.648	84	125629	24.294	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.160%
26) 1,2-Dichloroethane-d4	8.307	65	62595	23.191	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.760%
32) Benzene-d6	8.276	84	240914	24.129	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.520%
36) 1,2-Dichloropropane-d6	9.276	67	75339	25.088	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.360%
41) Toluene-d8	10.325	98	218277	23.842	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.360%
43) trans-1,3-Dichloroprop...	10.581	79	28947	23.175	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.720%
47) 2-Hexanone-d5	10.922	63	22571	45.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	57162	25.474	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.880%
66) 1,2-Dichlorobenzene-d4	13.848	152	72066	23.348	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.400%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	39619	18.830	ug/L #	88
3) Chloromethane	2.223	50	38325	23.252	ug/L	98
5) Vinyl chloride	2.375	62	45783	26.129	ug/L	94
6) Bromomethane	2.796	94	30140	25.845	ug/L	89
8) Chloroethane	2.942	64	26172	27.378	ug/L	95
9) Trichlorofluoromethane	3.271	101	48723	21.586	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	50831	22.604	ug/L	91
12) 1,1-Dichloroethene	4.045	96	47497	21.239	ug/L	94
13) Acetone	4.119	43	24378	37.992	ug/L	83
14) Carbon disulfide	4.393	76	152755	20.541	ug/L	99
15) Methyl Acetate	4.673	43	20366	19.460	ug/L	99
16) Methylene chloride	4.917	84	55492	18.731	ug/L	96
17) trans-1,2-Dichloroethene	5.435	96	54065	20.826	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	80609	19.522	ug/L	99
19) 1,1-Dichloroethane	6.222	63	104211	21.079	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	59351	20.692	ug/L	99
22) 2-Butanone	7.173	43	29178	35.571	ug/L	99
23) Bromochloromethane	7.514	128	26834	21.430	ug/L	93
25) Chloroform	7.673	83	108661	21.193	ug/L	97

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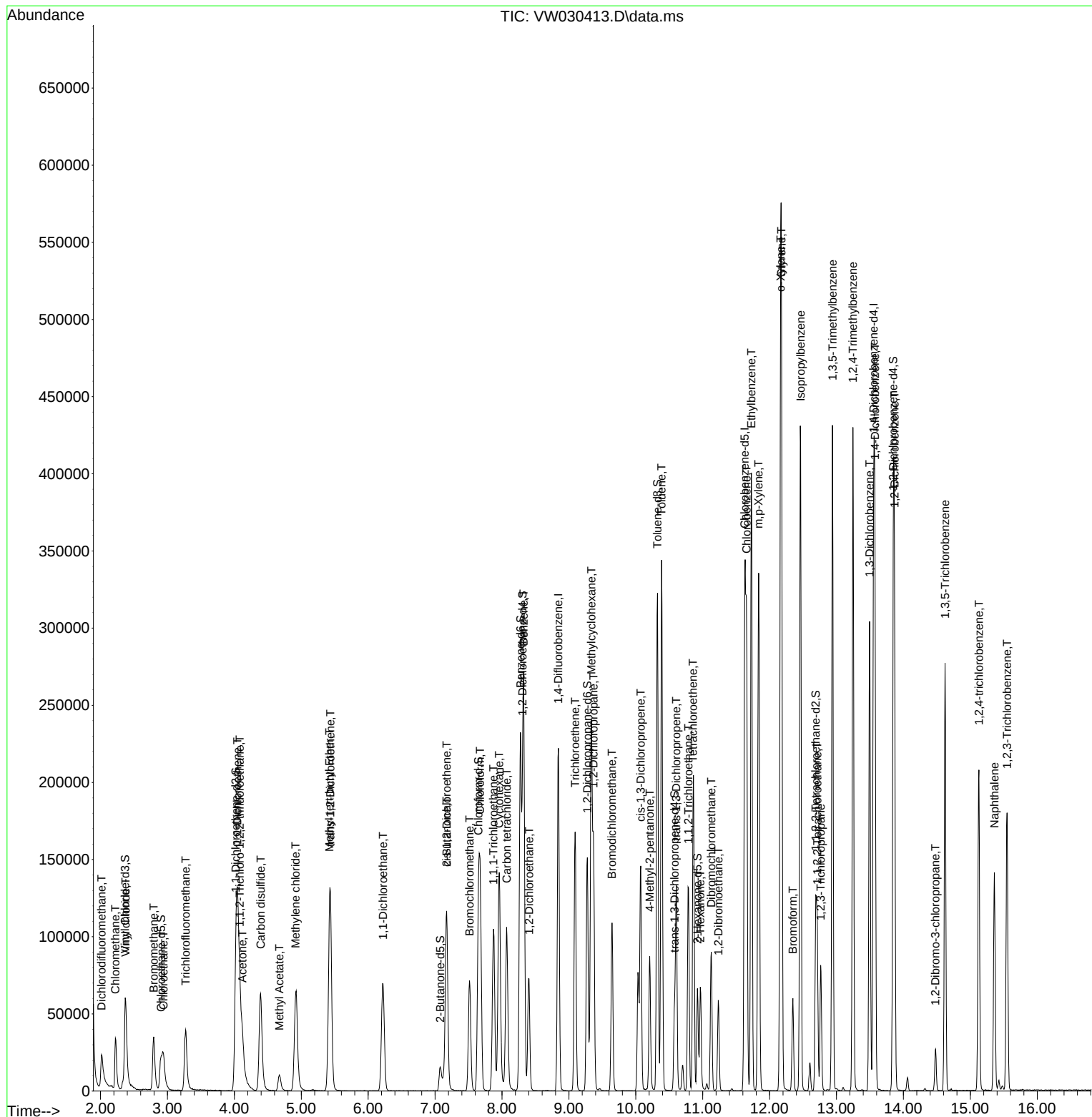
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	69624	20.476	ug/L	98
29) Cyclohexane	7.959	56	81138	20.662	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	88721	21.499	ug/L	99
31) Carbon tetrachloride	8.069	117	79830	21.645	ug/L	98
33) Benzene	8.325	78	236845	21.828	ug/L	100
34) Trichloroethene	9.093	95	60558	20.982	ug/L	97
35) Methylcyclohexane	9.337	83	97050	21.911	ug/L	97
37) 1,2-Dichloropropane	9.368	63	61893	21.620	ug/L	100
38) Bromodichloromethane	9.642	83	76356	21.244	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	90838	20.694	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	56697	38.504	ug/L	99
42) Toluene	10.386	91	249772	21.503	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	75495	20.756	ug/L	97
45) 1,1,2-Trichloroethane	10.788	97	43018	21.323	ug/L	96
46) Tetrachloroethene	10.855	164	47345	21.932	ug/L	91
48) 2-Hexanone	10.965	43	42123	38.849	ug/L	98
49) Dibromochloromethane	11.129	129	49154	21.651	ug/L	96
50) 1,2-Dibromoethane	11.233	107	40568	21.251	ug/L	92
51) Chlorobenzene	11.654	112	159811	21.290	ug/L	99
52) Ethylbenzene	11.727	91	285165	21.670	ug/L	100
53) m,p-Xylene	11.837	106	109254	22.241	ug/L	98
54) o-Xylene	12.166	106	104015	22.246	ug/L	87
55) Styrene	12.178	104	180819	22.670	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.715	83	49186	20.817	ug/L	96
59) Bromoform	12.349	173	27446	20.378	ug/L	98
60) Isopropylbenzene	12.465	105	279165	21.156	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	35174	19.902	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	225019	21.082	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	226044	21.435	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	125650	21.307	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	130448	21.654	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	114256	21.733	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.476	75	7375	18.213	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	88407	21.721	ug/L	92
70) 1,2,4-trichlorobenzene	15.129	180	65946	19.570	ug/L	96
71) Naphthalene	15.360	128	119766	19.431	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	61385	20.811	ug/L	97

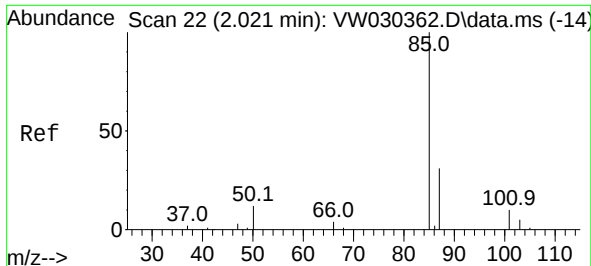
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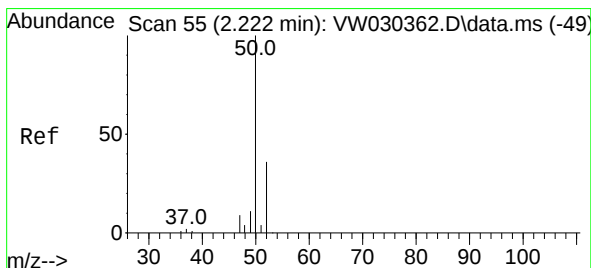
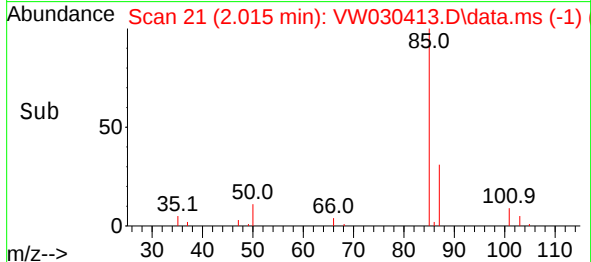
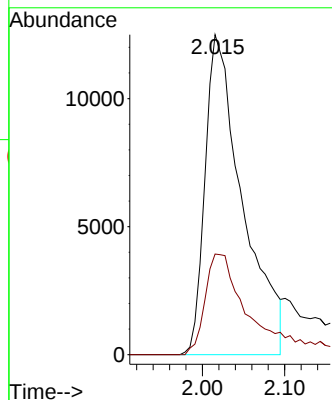
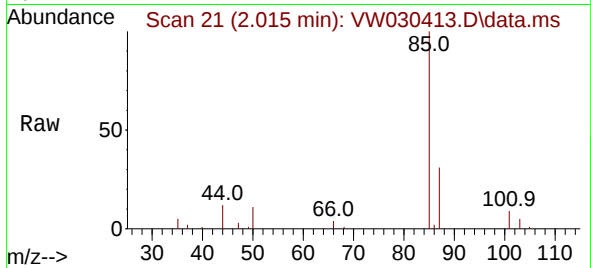




#2
 Dichlorodifluoromethane
 Concen: 18.830 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030413.D
 Acq: 07 Oct 2024 12:38

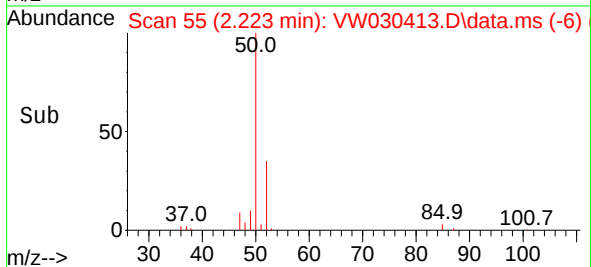
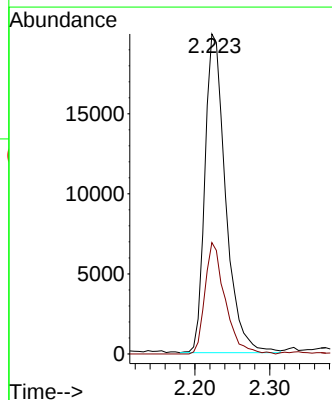
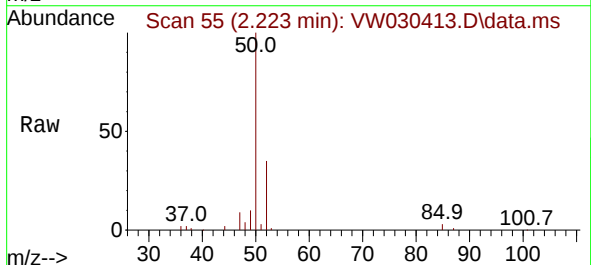
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 MSVOA_W
 ClientSampleId :

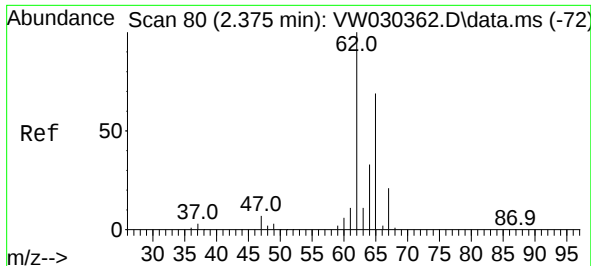
Tgt Ion: 85 Resp: 39619
 Ion Ratio Lower Upper
 85 100
 87 36.5 24.0 36.0#



#3
 Chloromethane
 Concen: 23.252 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030413.D
 Acq: 07 Oct 2024 12:38

Tgt Ion: 50 Resp: 38325
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.5 43.7

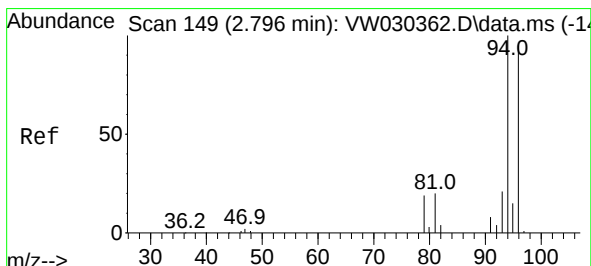
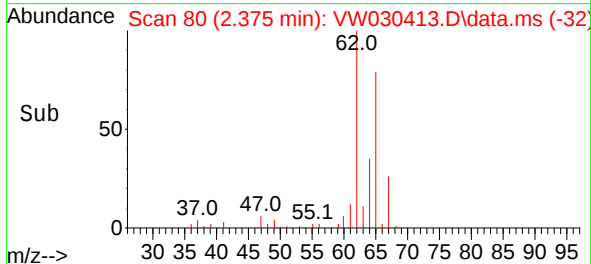
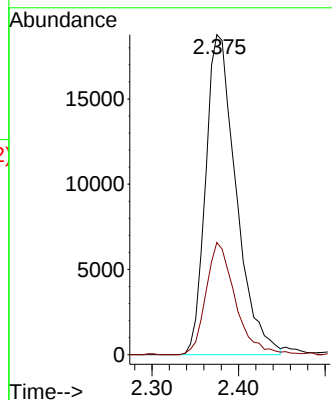
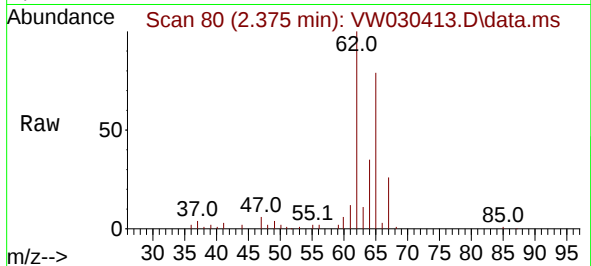




#5
 Vinyl chloride
 Concen: 26.129 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: VW030413.D
 Acq: 07 Oct 2024 12:38

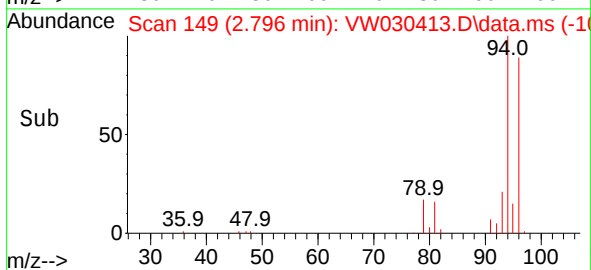
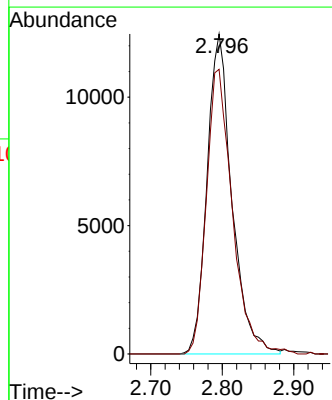
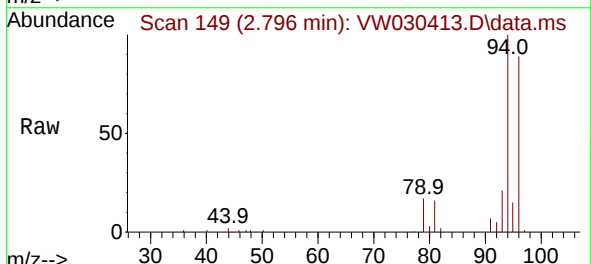
Instrument :
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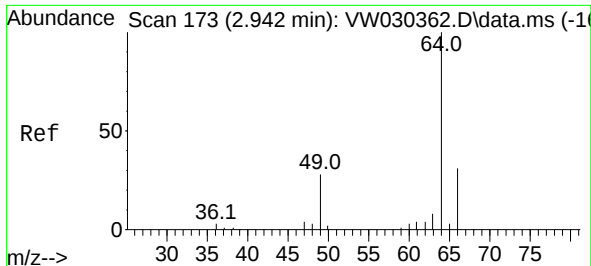
Tgt Ion: 62 Resp: 45783
 Ion Ratio Lower Upper
 62 100
 64 35.1 22.1 41.1



#6
 Bromomethane
 Concen: 25.845 ug/L
 RT: 2.796 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VW030413.D
 Acq: 07 Oct 2024 12:38

Tgt Ion: 94 Resp: 30140
 Ion Ratio Lower Upper
 94 100
 96 89.0 69.7 129.4

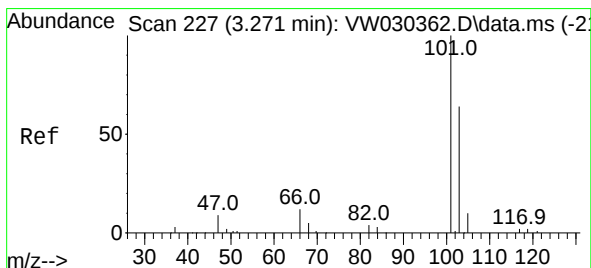
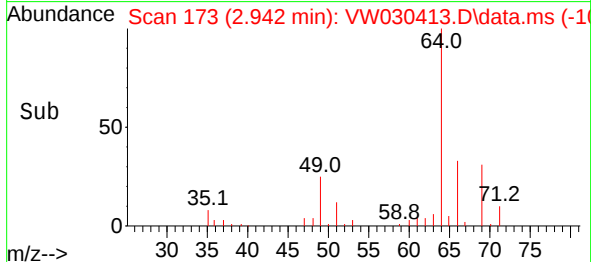
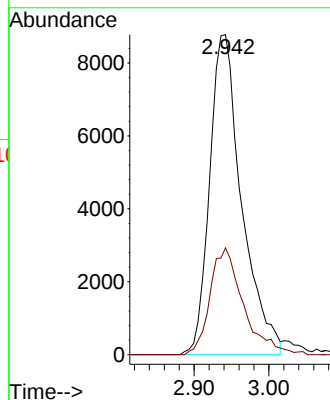
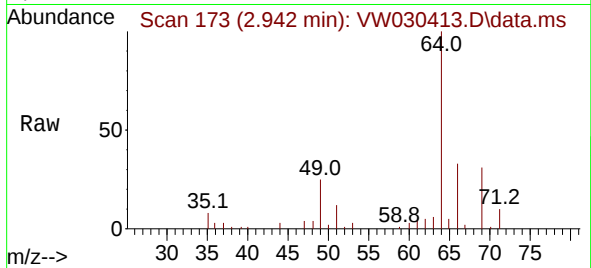




#8
Chloroethane
Concen: 27.378 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

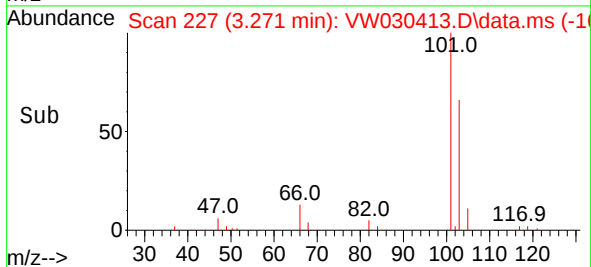
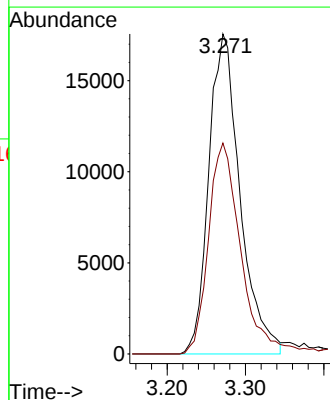
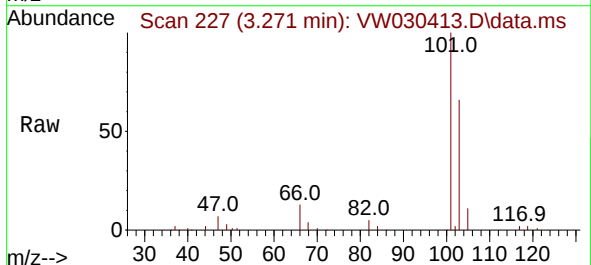
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MSVOA_W
ClientSampleId :

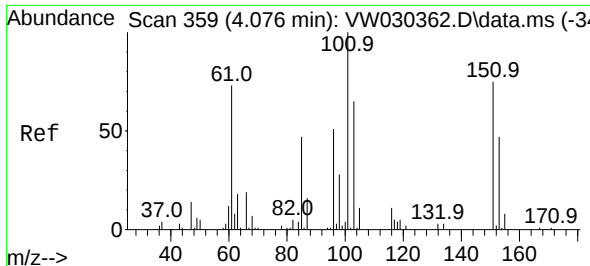
Tgt Ion: 64 Resp: 26172
Ion Ratio Lower Upper
64 100
66 33.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 21.586 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.006 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Tgt Ion:101 Resp: 48723
Ion Ratio Lower Upper
101 100
103 67.7 50.2 75.4





#10

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

Concen: 22.604 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

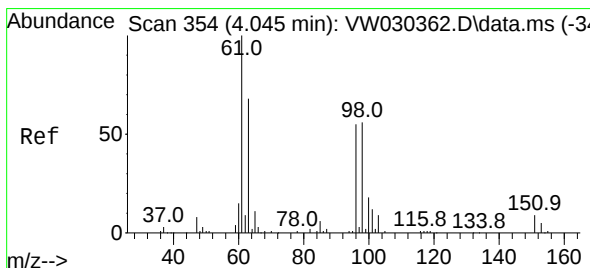
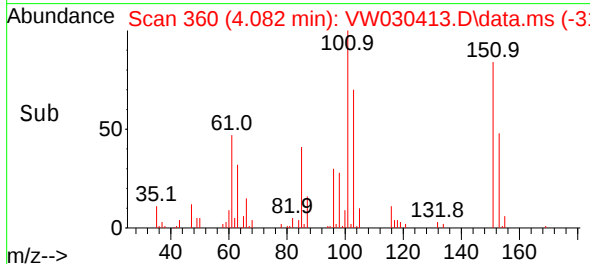
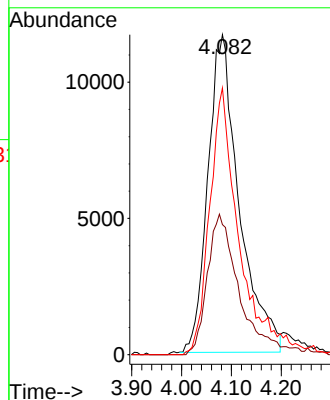
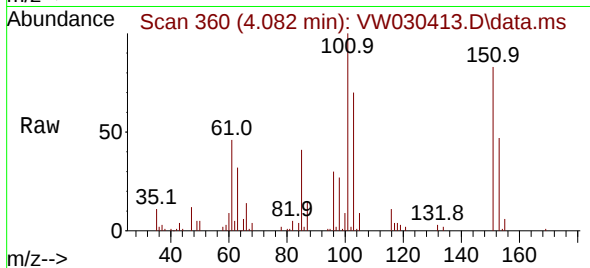
Tgt Ion:101 Resp: 50831

Ion Ratio Lower Upper

101 100

85 44.0 30.5 45.7

151 72.5 52.9 79.3



#12

1,1-Dichloroethene

Concen: 21.239 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

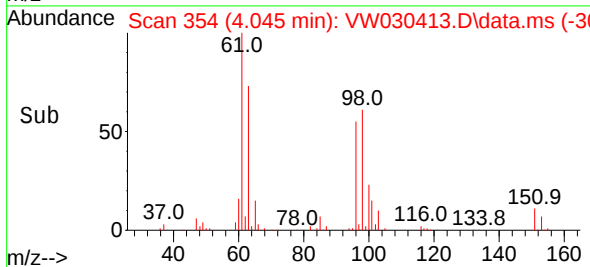
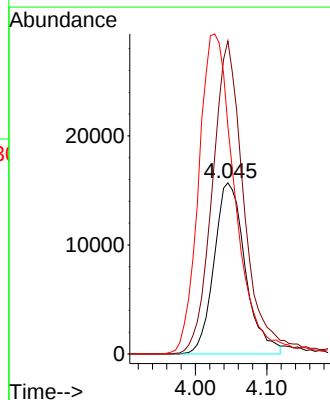
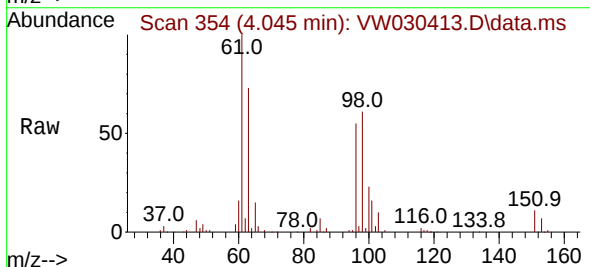
Tgt Ion: 96 Resp: 47497

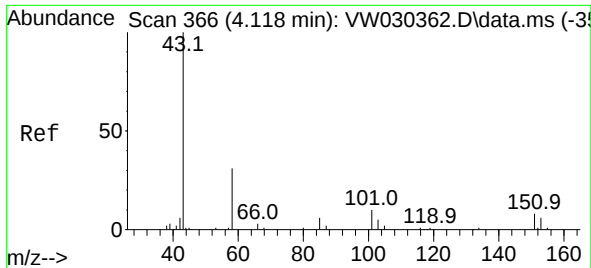
Ion Ratio Lower Upper

96 100

61 183.1 120.1 223.1

63 133.2 94.8 176.2

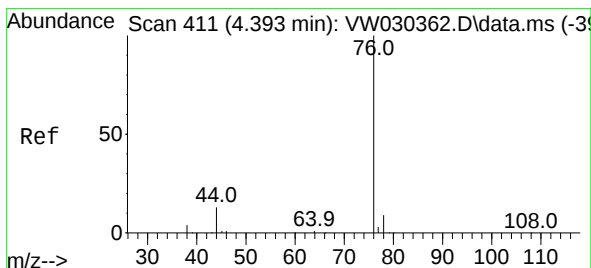
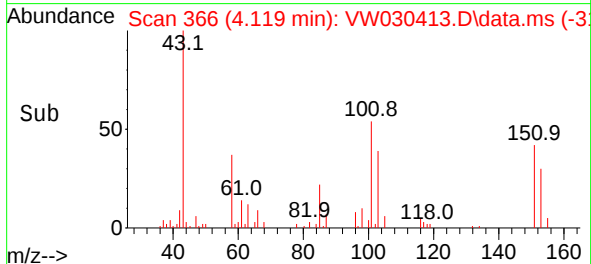
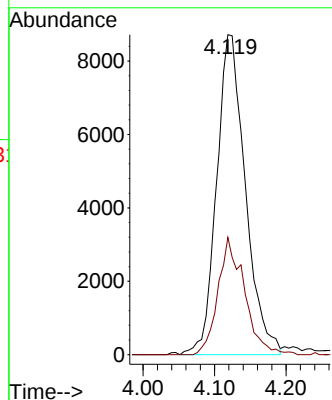
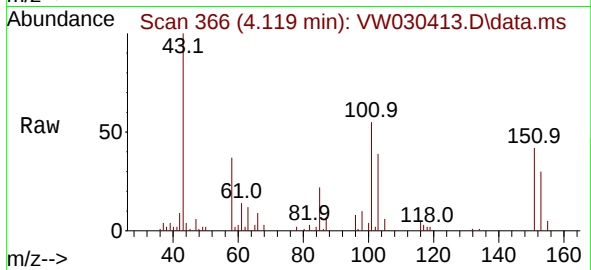




#13
Acetone
Concen: 37.992 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW030413.D
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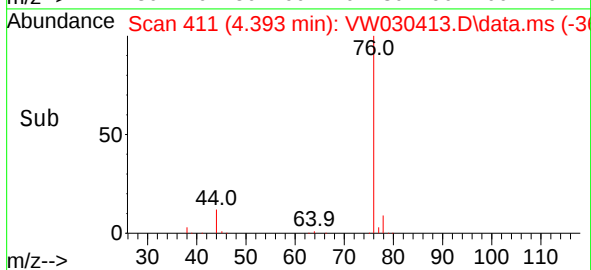
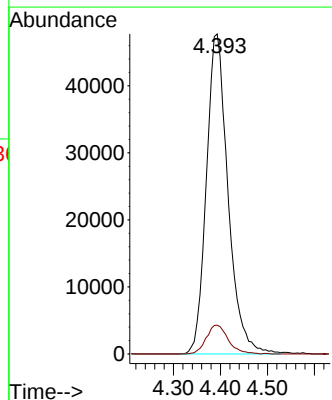
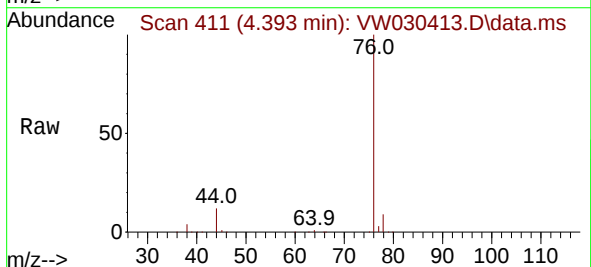
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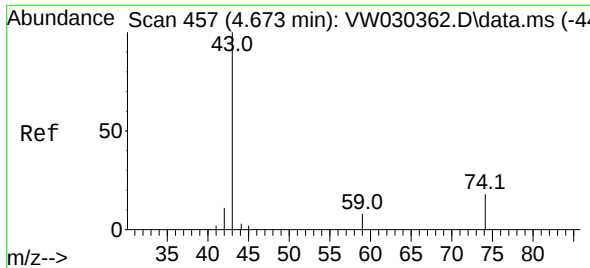
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Ion Ratio Lower Upper
43 100
58 22.6 0.0 64.0



#14
Carbon disulfide
Concen: 20.541 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 152755
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

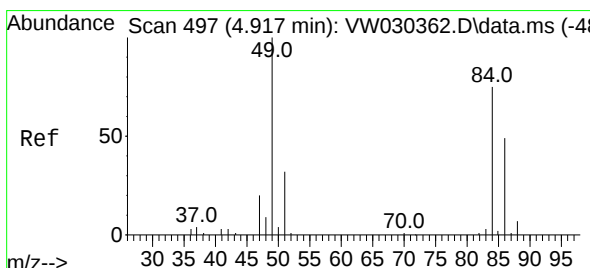
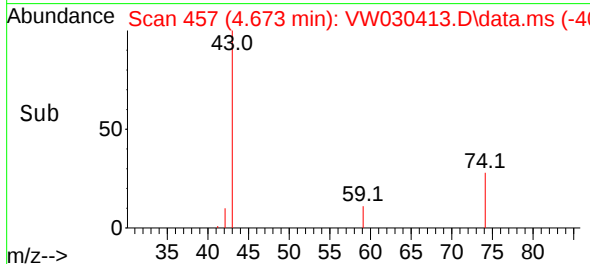
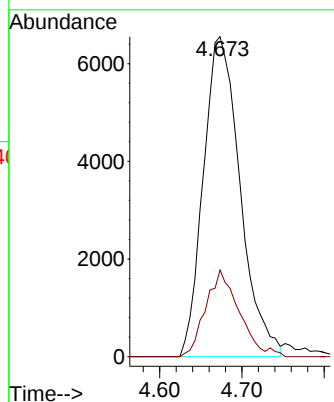
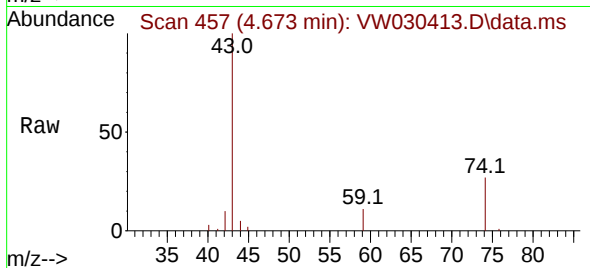




#15
Methyl Acetate
Concen: 19.460 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.006 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

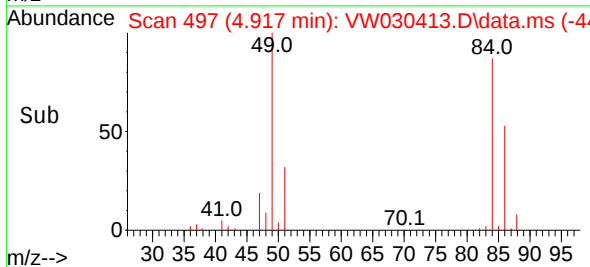
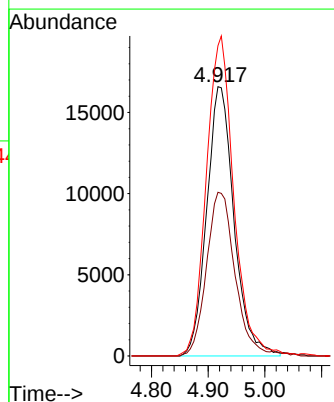
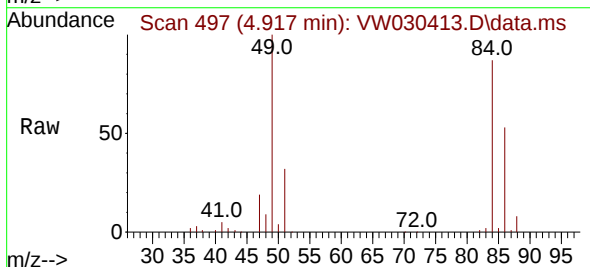
Instrument :
MSVOA_W
ClientSampleId :

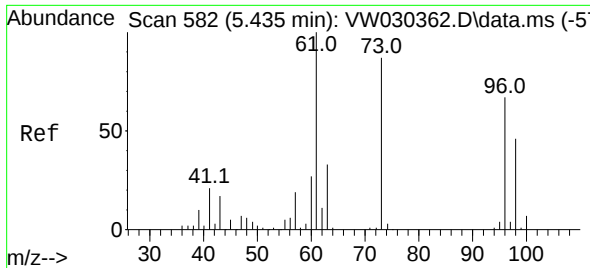
Tgt Ion: 43 Resp: 20366
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.6



#16
Methylene chloride
Concen: 18.731 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Tgt Ion: 84 Resp: 55492
Ion Ratio Lower Upper
84 100
86 60.8 44.8 83.2
49 115.2 83.6 155.2





#17

trans-1,2-Dichloroethene

Concen: 20.826 ug/L

RT: 5.435 min Scan# 5

Delta R.T. 0.000 min

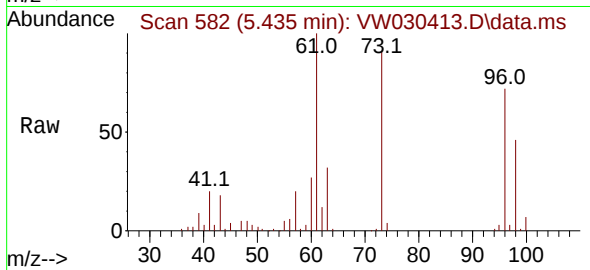
Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :



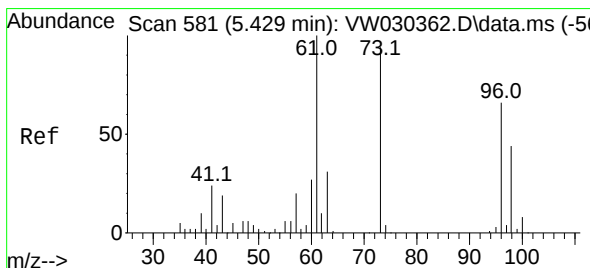
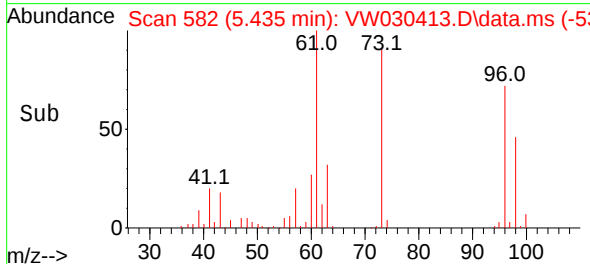
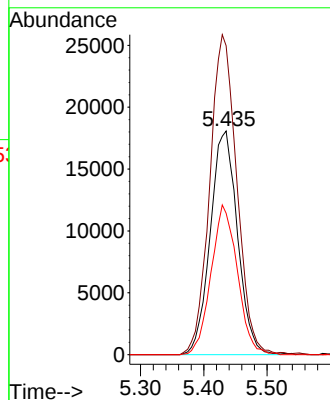
Tgt Ion: 96 Resp: 54065

Ion	Ratio	Lower	Upper
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96	100		
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61	138.1	100.3	186.3
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98	63.2	46.3	86.1
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#18

Methyl tert-butyl Ether

Concen: 19.522 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

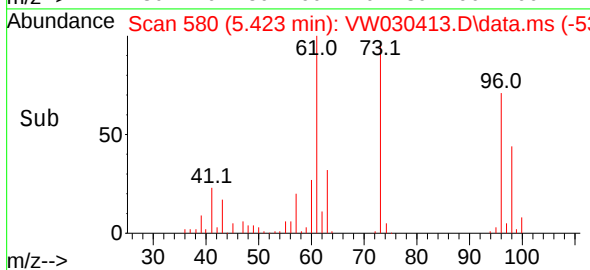
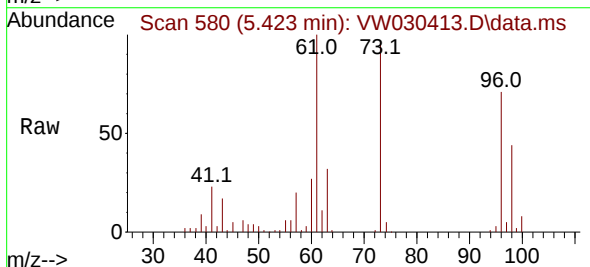
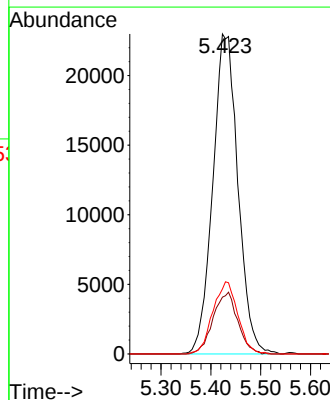
Tgt Ion: 73 Resp: 80609

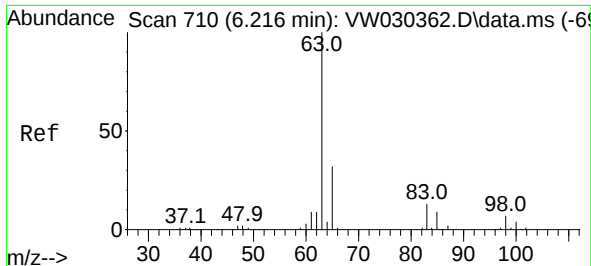
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

73	100		
----	-----	--	--

43	18.9	15.9	23.9
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57	22.3	17.6	26.4
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#19

1,1-Dichloroethane

Concen: 21.079 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

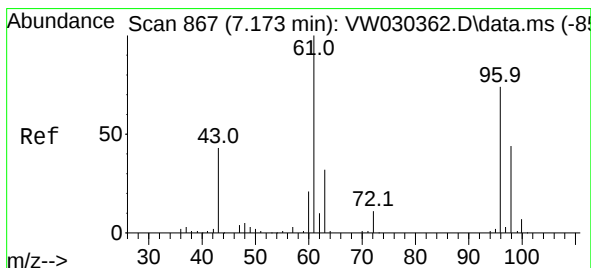
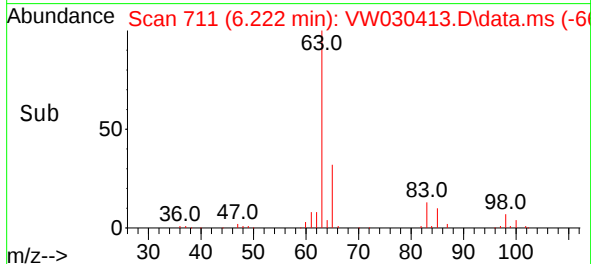
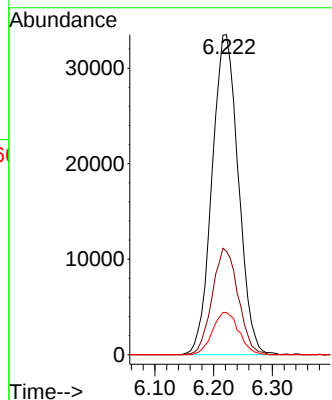
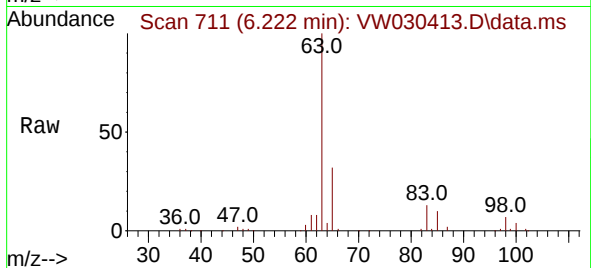
Tgt Ion: 63 Resp: 104211

Ion Ratio Lower Upper

63 100

65 32.4 20.7 38.5

83 13.2 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 20.692 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

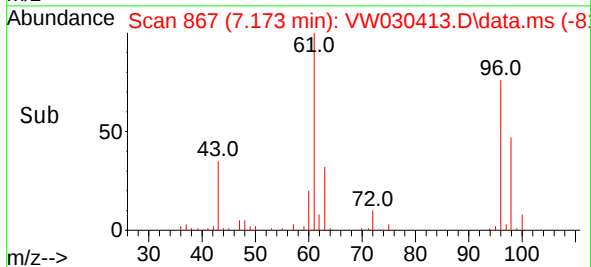
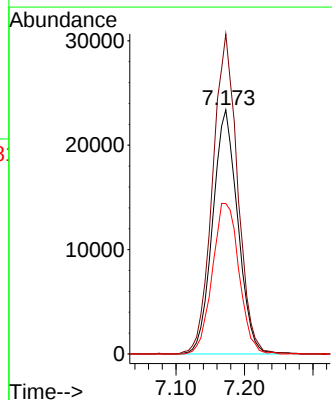
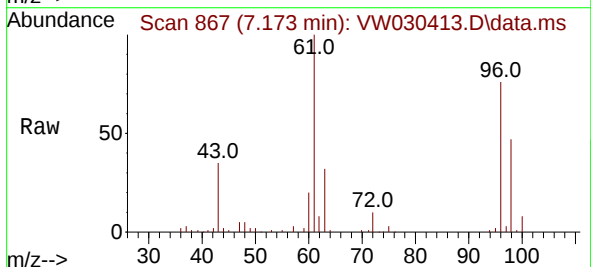
Tgt Ion: 96 Resp: 59351

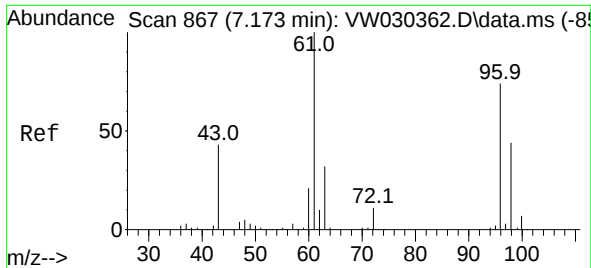
Ion Ratio Lower Upper

96 100

61 131.1 92.0 170.9

98 61.6 41.9 77.9

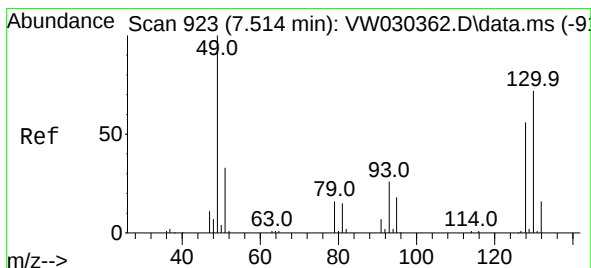
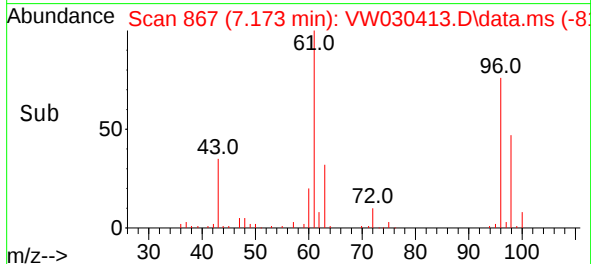
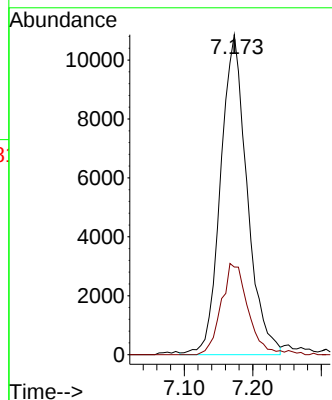
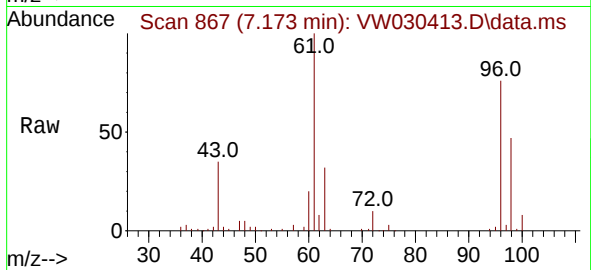




#22
2-Butanone
Concen: 35.571 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

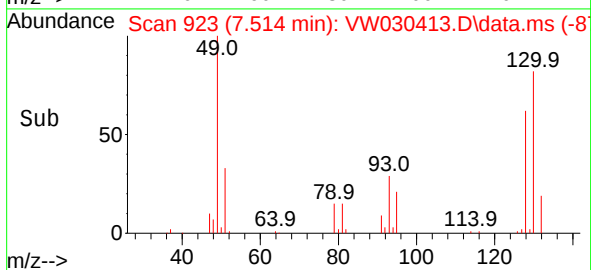
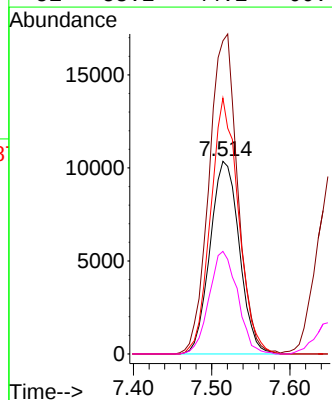
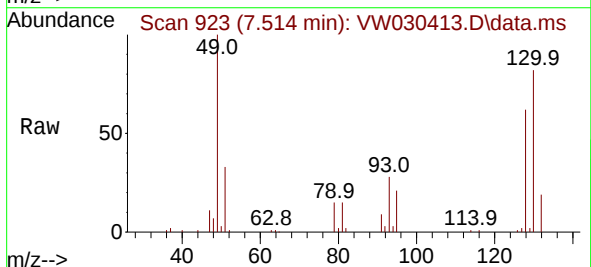
Instrument :
MSVOA_W
ClientSampleId :

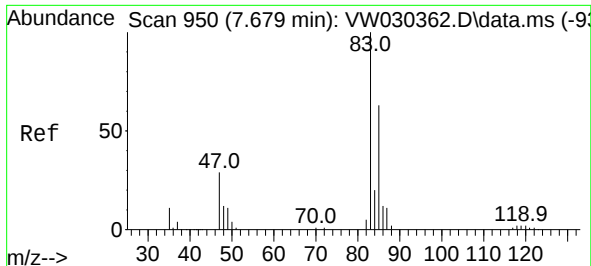
Tgt Ion: 43 Resp: 29178
Ion Ratio Lower Upper
43 100
72 28.7 14.1 42.3



#23
Bromochloromethane
Concen: 21.430 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Tgt Ion: 128 Resp: 26834
Ion Ratio Lower Upper
128 100
49 162.5 123.1 228.5
130 132.8 89.2 165.6
51 53.2 44.2 66.4





#25

Chloroform

Concen: 21.193 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

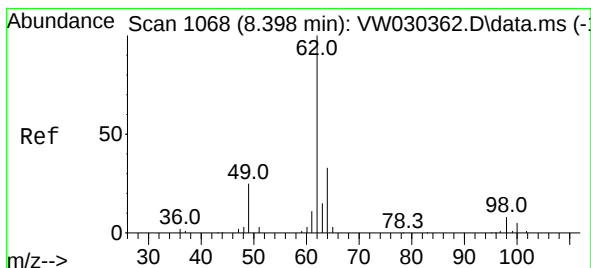
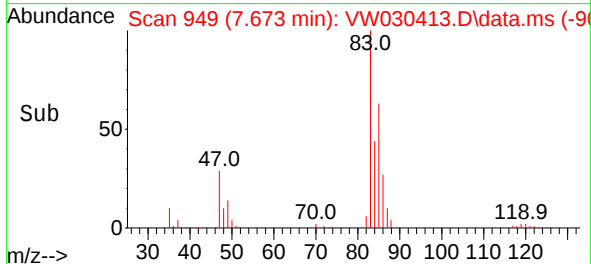
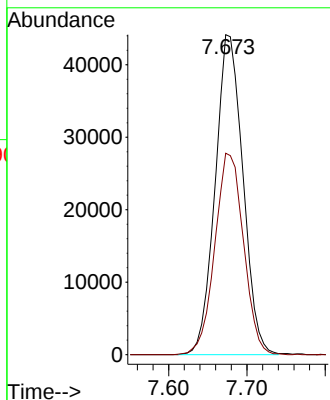
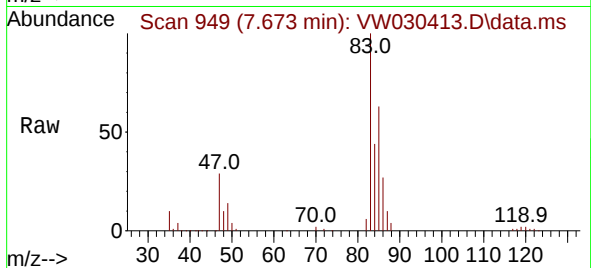
ClientSampleId :

Tgt Ion: 83 Resp: 108661

Ion Ratio Lower Upper

83 100

85 62.9 45.8 85.0



#27

1,2-Dichloroethane

Concen: 20.476 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW030413.D

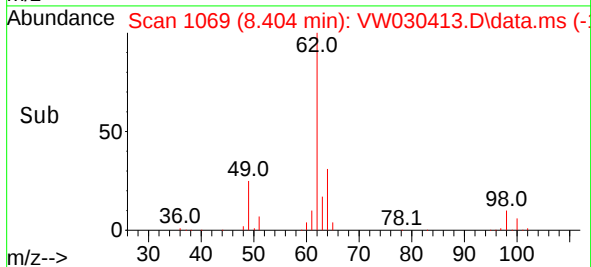
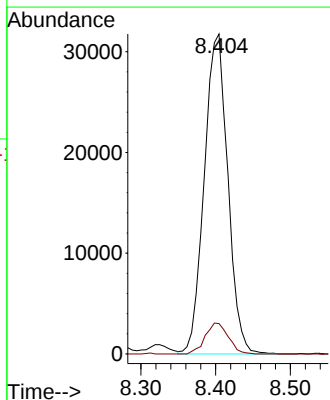
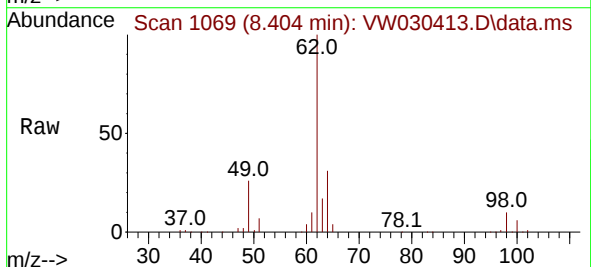
Acq: 07 Oct 2024 12:38

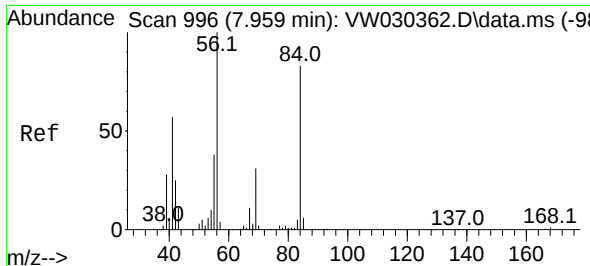
Tgt Ion: 62 Resp: 69624

Ion Ratio Lower Upper

62 100

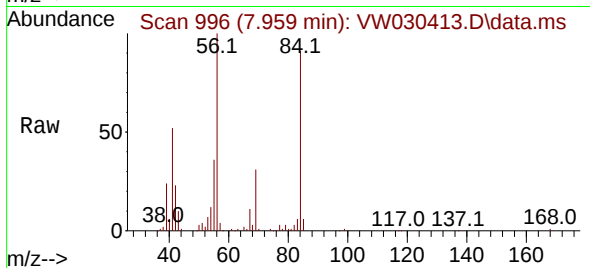
98 9.5 7.0 10.6



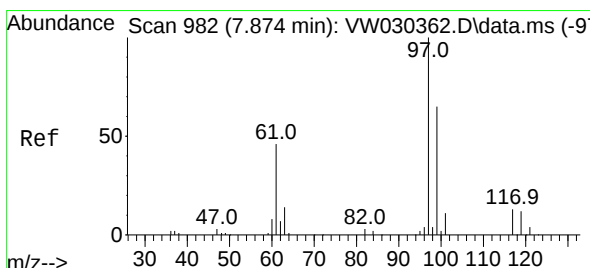
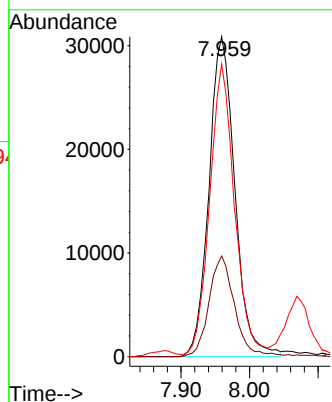
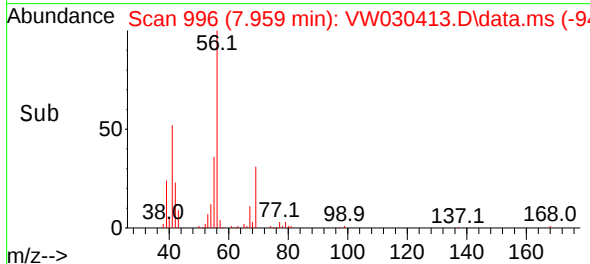


#29
Cyclohexane
Concen: 20.662 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :

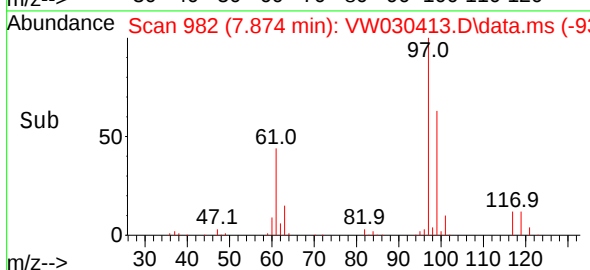
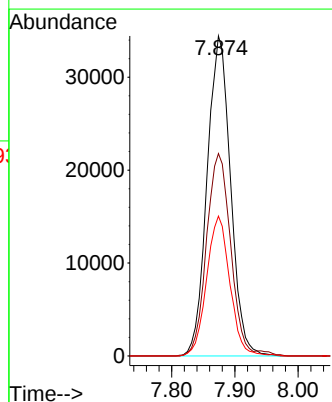
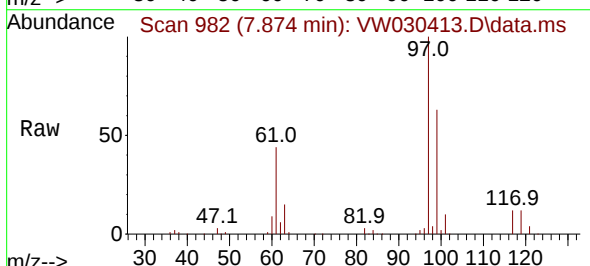


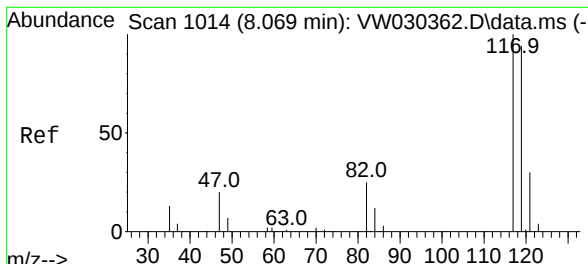
Tgt Ion: 56	Resp: 81138
Ion Ratio	Lower Upper
56	100
69	30.5 24.5 36.7
84	87.7 67.5 101.3



#30
1,1,1-Trichloroethane
Concen: 21.499 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.006 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

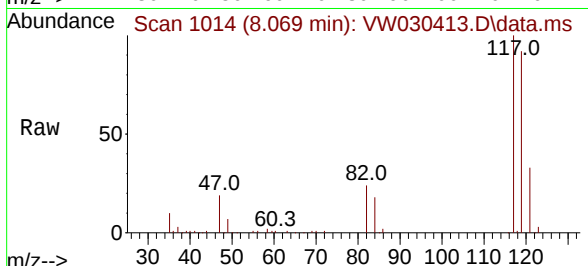
Tgt Ion: 97	Resp: 88721
Ion Ratio	Lower Upper
97	100
99	64.6 50.9 76.3
61	43.2 34.1 51.1



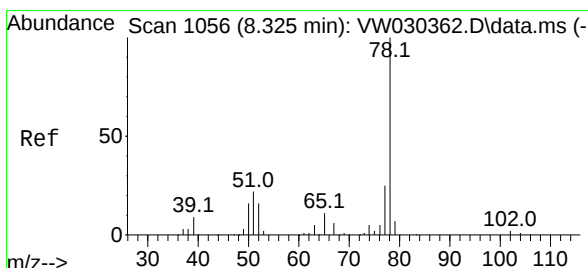
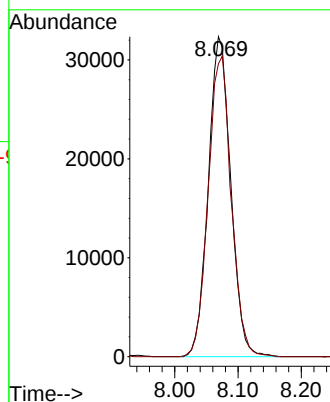
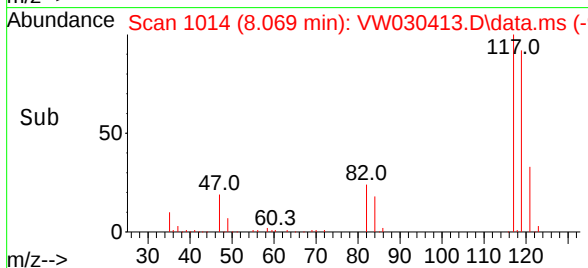


#31
Carbon tetrachloride
Concen: 21.645 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Instrument :
MSVOA_W
ClientSampleId :

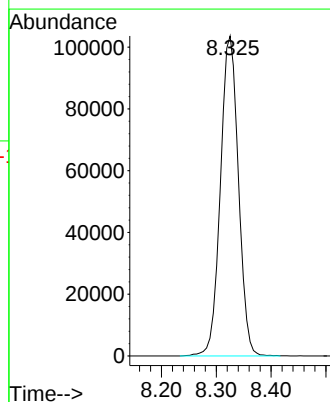
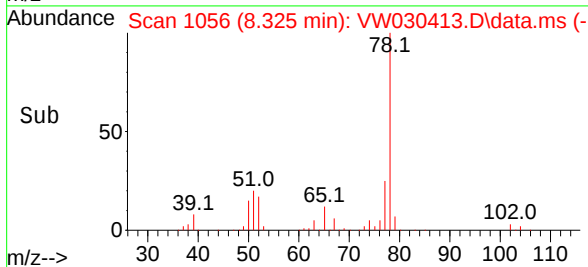
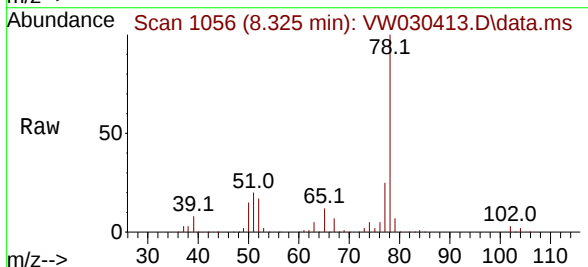


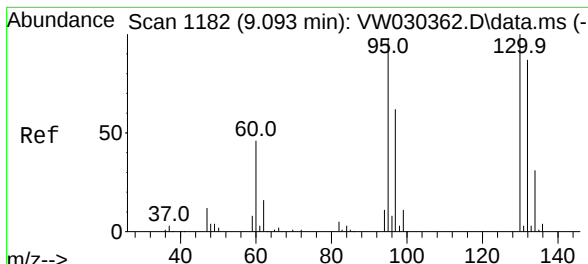
Tgt Ion:117 Resp: 79830
Ion Ratio Lower Upper
117 100
119 96.7 75.5 113.3



#33
Benzene
Concen: 21.828 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Tgt Ion: 78 Resp: 236845





#34

Trichloroethene

Concen: 20.982 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

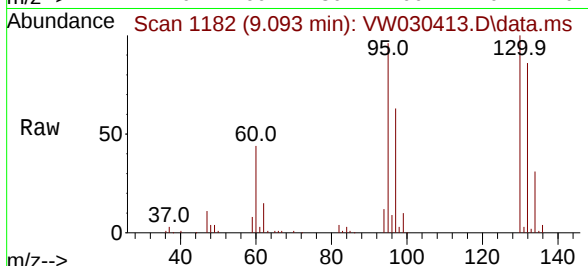
Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 60558

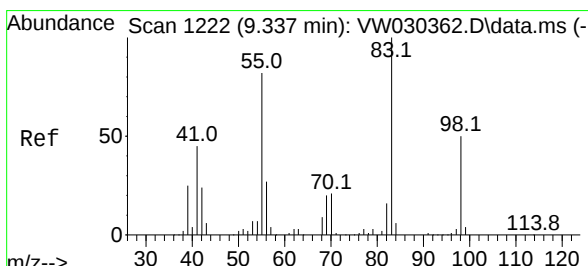
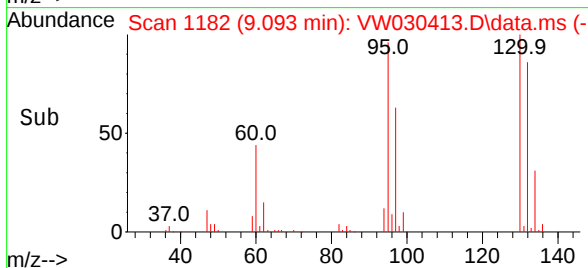
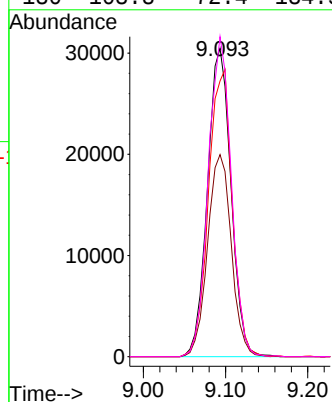
Ion Ratio Lower Upper

95 100

97 65.5 47.5 88.1

132 89.4 66.7 123.9

130 103.8 72.4 134.5



#35

Methylcyclohexane

Concen: 21.911 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

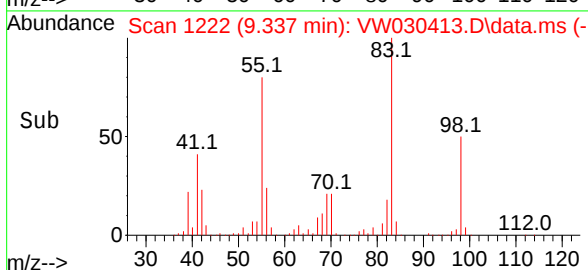
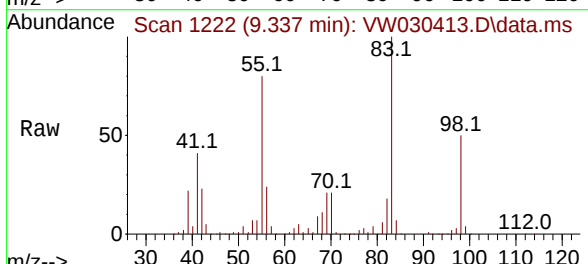
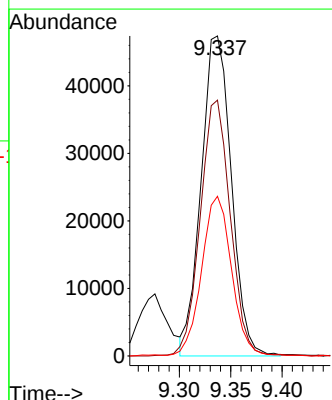
Tgt Ion: 83 Resp: 97050

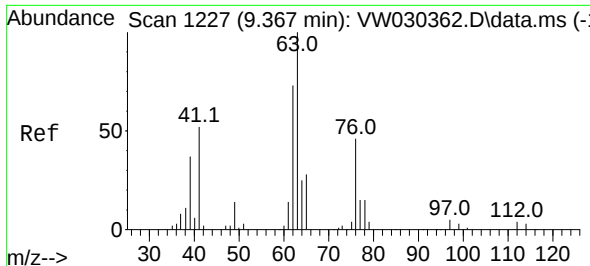
Ion Ratio Lower Upper

83 100

55 79.4 61.7 92.5

98 49.2 37.2 55.8





#37

1,2-Dichloropropane

Concen: 21.620 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

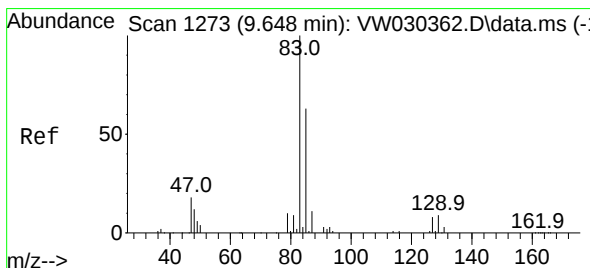
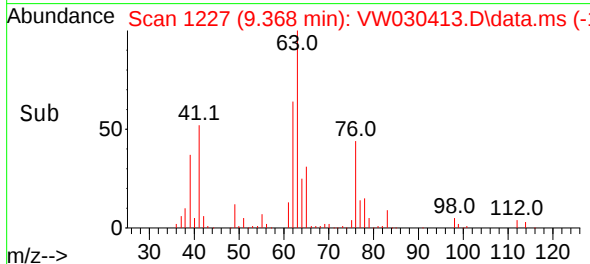
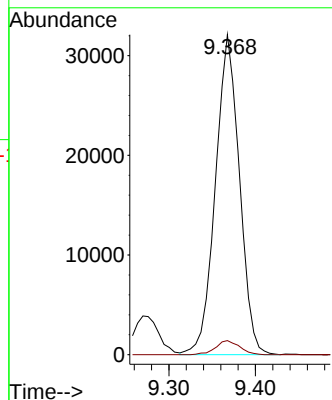
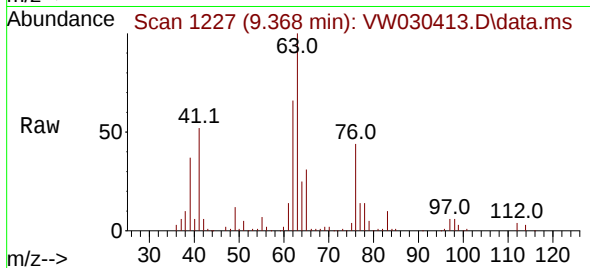
ClientSampleId :

Tgt Ion: 63 Resp: 61893

Ion Ratio Lower Upper

63 100

112 4.4 3.4 5.2



#38

Bromodichloromethane

Concen: 21.244 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

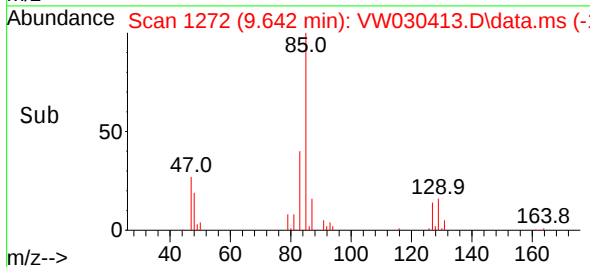
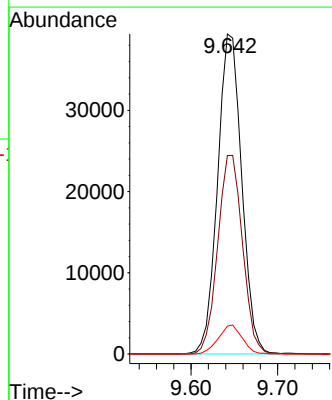
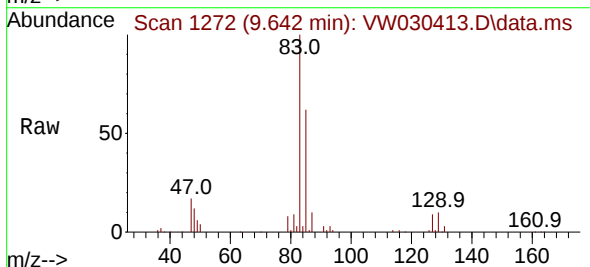
Tgt Ion: 83 Resp: 76356

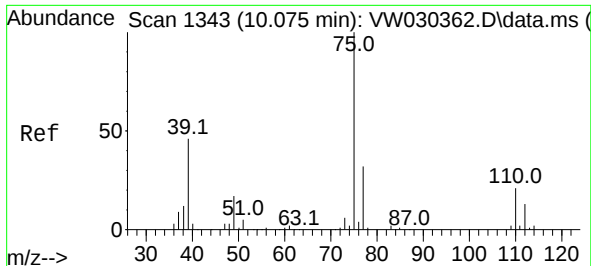
Ion Ratio Lower Upper

83 100

85 62.0 43.5 80.7

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 20.694 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

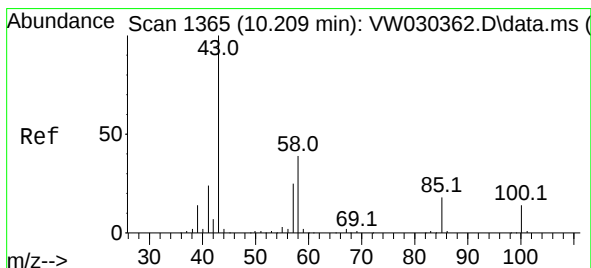
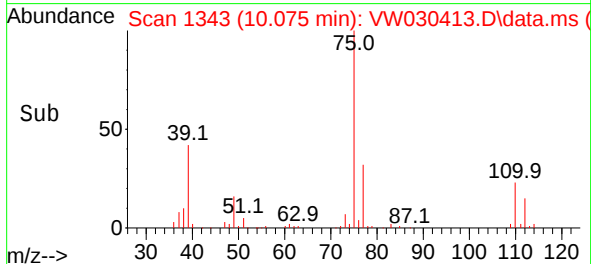
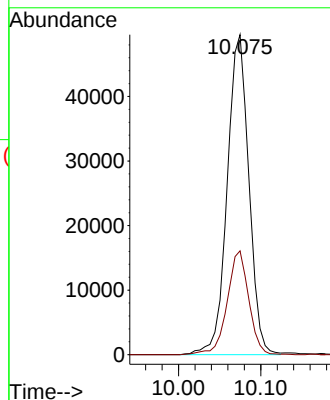
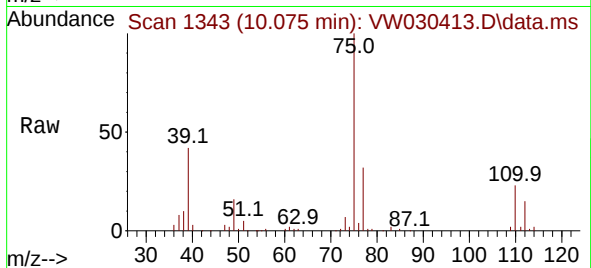
ClientSampleId :

Tgt Ion: 75 Resp: 90838

Ion Ratio Lower Upper

75 100

77 32.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 38.504 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

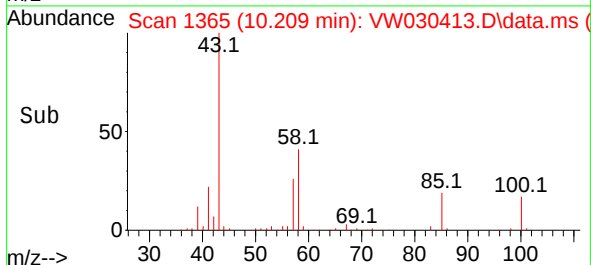
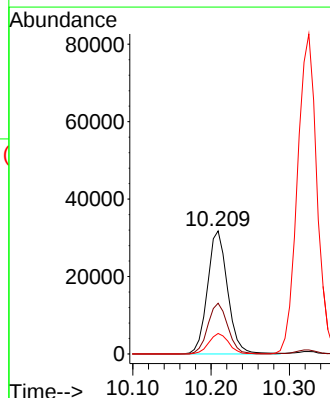
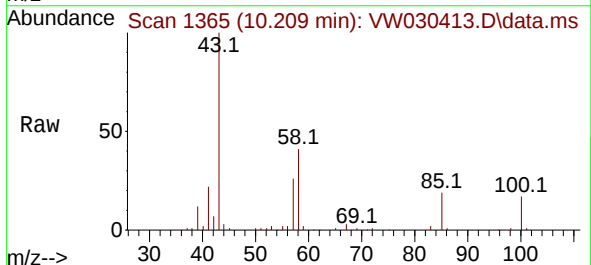
Tgt Ion: 43 Resp: 56697

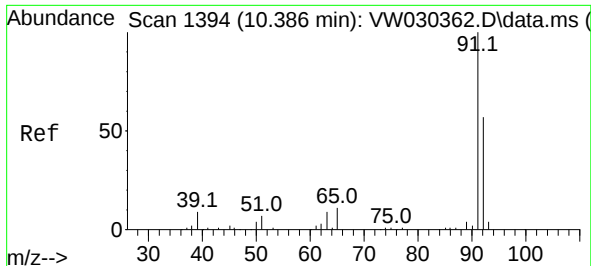
Ion Ratio Lower Upper

43 100

58 40.9 32.6 48.8

100 16.4 12.5 18.7





#42

Toluene

Concen: 21.503 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

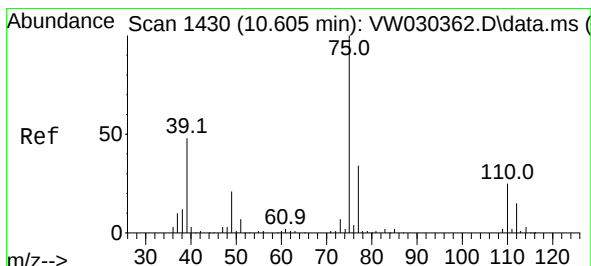
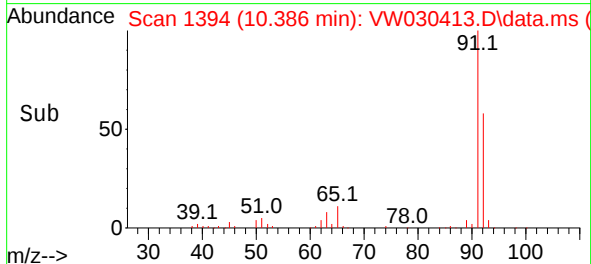
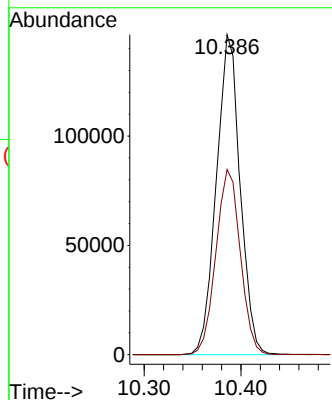
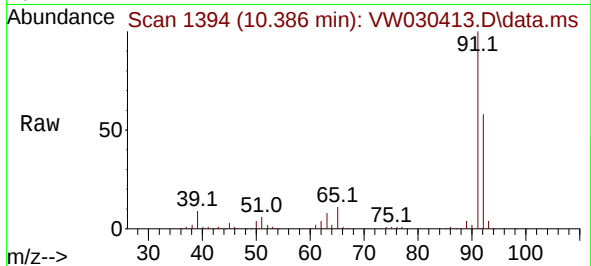
ClientSampleId :

Tgt Ion: 91 Resp: 249772

Ion Ratio Lower Upper

91 100

92 57.9 42.3 78.5



#44

trans-1,3-Dichloropropene

Concen: 20.756 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030413.D

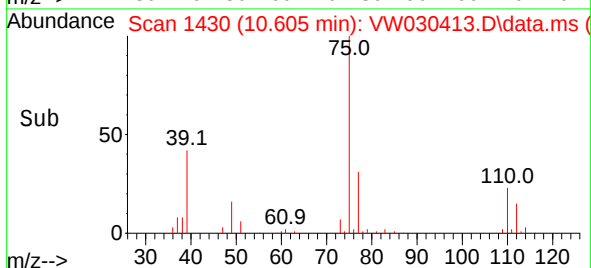
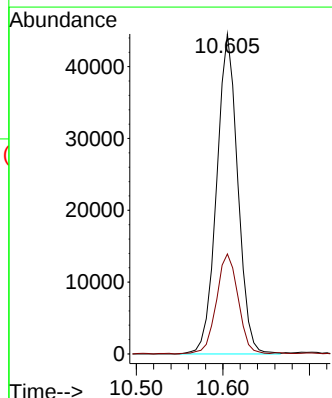
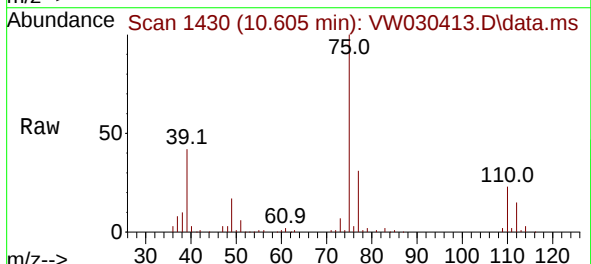
Acq: 07 Oct 2024 12:38

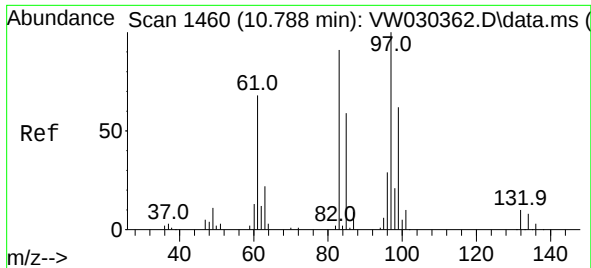
Tgt Ion: 75 Resp: 75495

Ion Ratio Lower Upper

75 100

77 31.2 20.8 38.6





#45

1,1,2-Trichloroethane

Concen: 21.323 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 43018

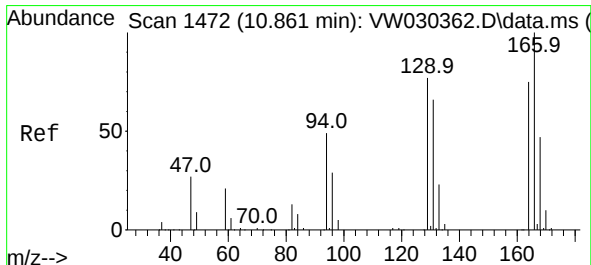
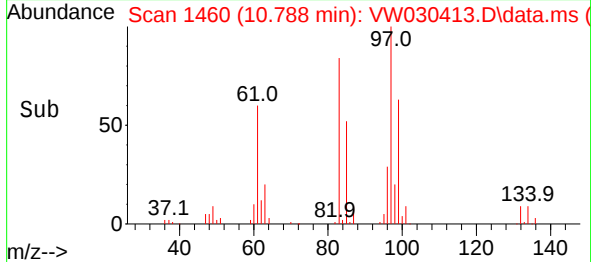
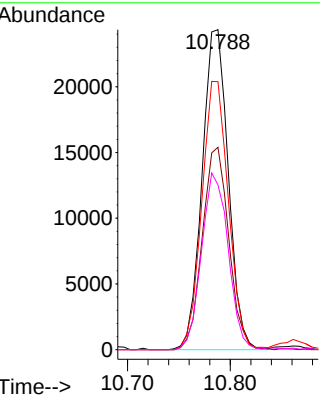
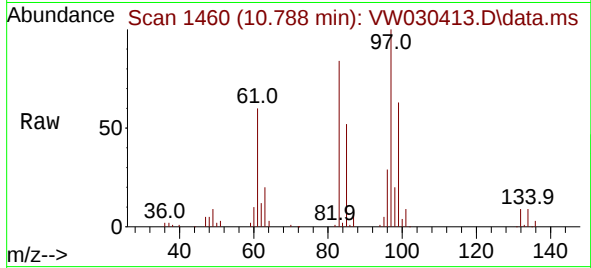
Ion Ratio Lower Upper

97 100

99 63.2 40.8 75.8

83 83.7 59.1 109.7

85 51.5 38.4 71.4



#46

Tetrachloroethene

Concen: 21.932 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Tgt Ion:164 Resp: 47345

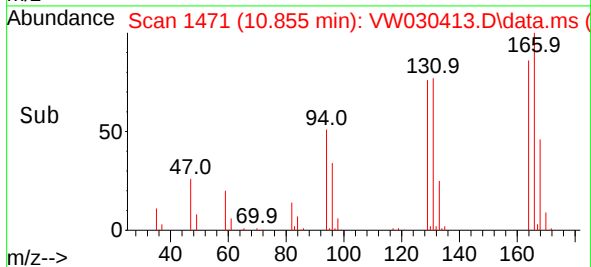
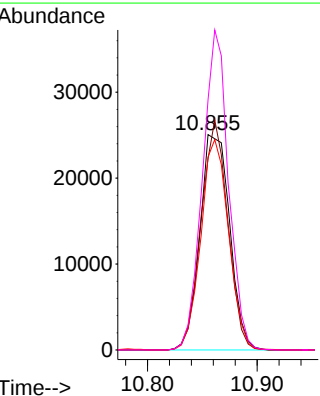
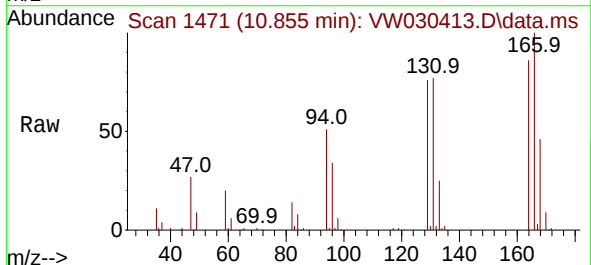
Ion Ratio Lower Upper

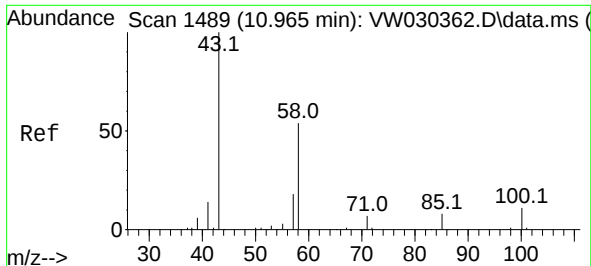
164 100

129 88.8 67.2 124.8

131 89.6 65.9 122.3

166 116.1 92.1 171.1

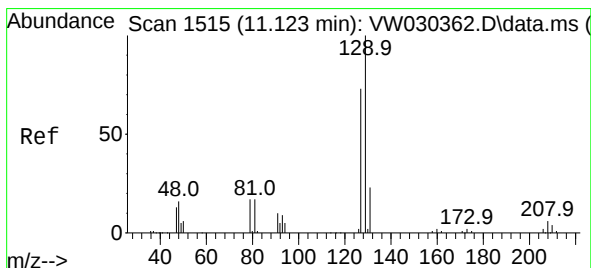
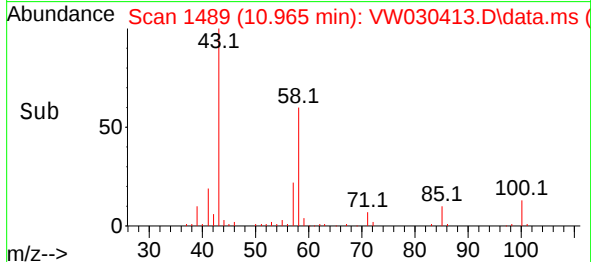
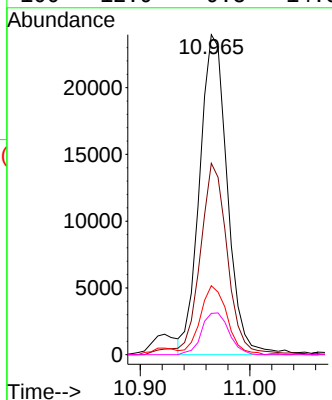
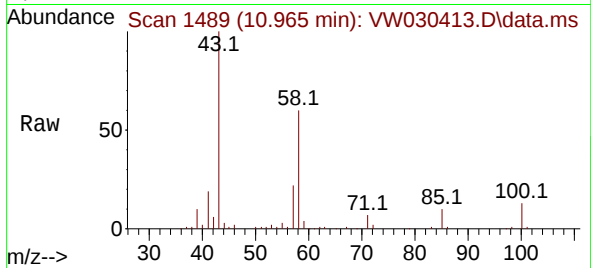




#48
2-Hexanone
Concen: 38.849 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

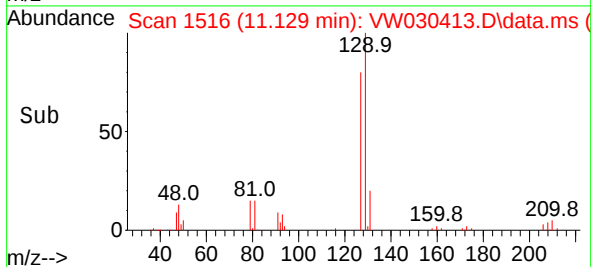
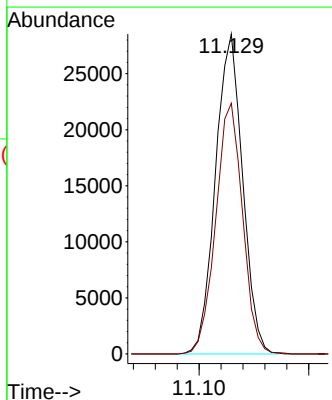
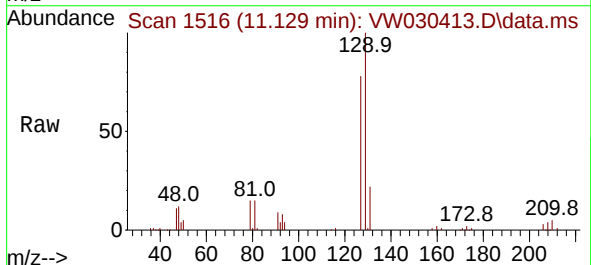
Instrument :
MSVOA_W
ClientSampleId :

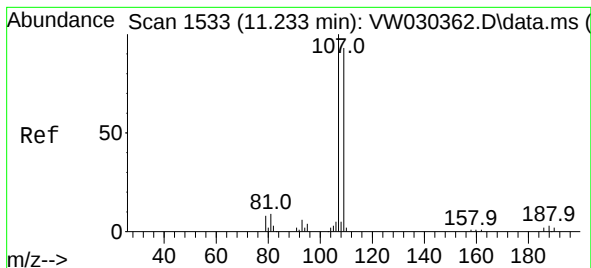
Tgt Ion:	43	Resp:	42123
Ion	Ratio	Lower	Upper
43	100		
58	58.5	46.1	69.1
57	20.9	15.3	22.9
100	12.9	9.8	14.8



#49
Dibromochloromethane
Concen: 21.651 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Tgt Ion:	129	Resp:	49154
Ion	Ratio	Lower	Upper
129	100		
127	78.4	57.2	106.2





#50

1,2-Dibromoethane

Concen: 21.251 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030413.D

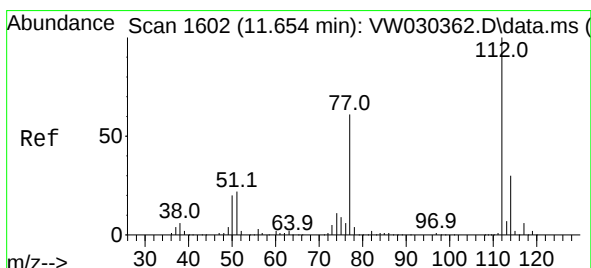
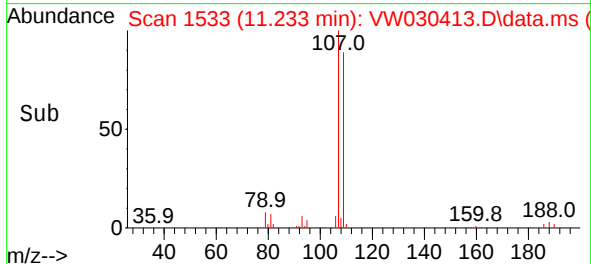
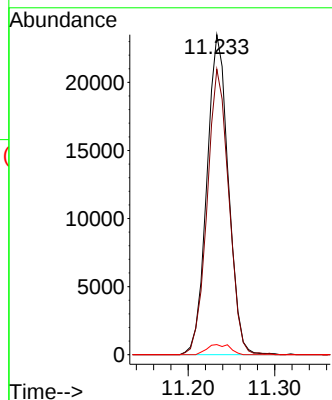
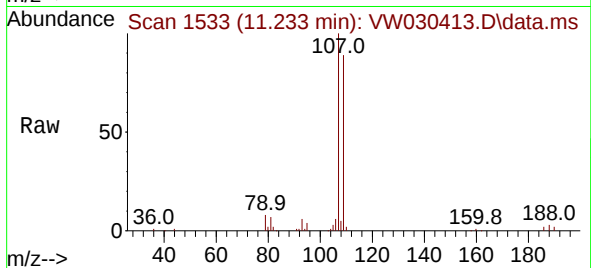
Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	40568
Ion	Ratio	Lower	Upper
107	100		
109	89.2	67.8	125.8
188	3.2	2.9	4.3



#51

Chlorobenzene

Concen: 21.290 ug/L

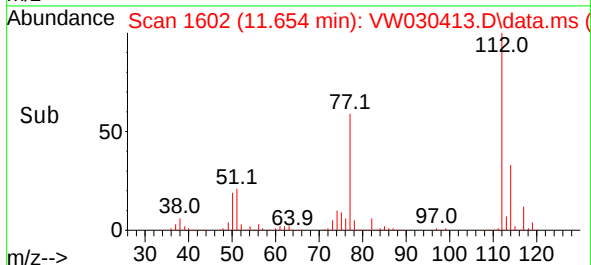
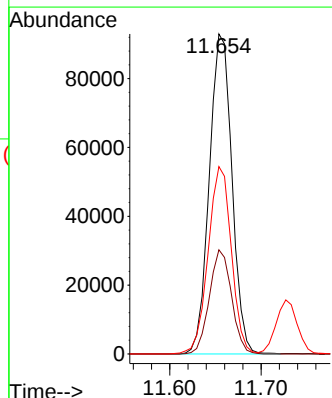
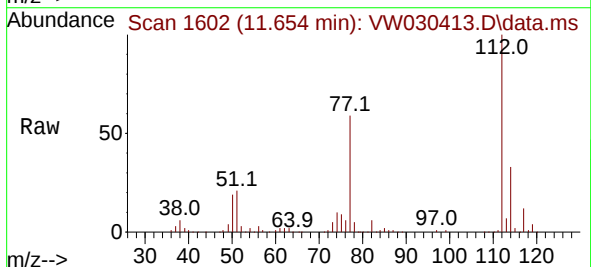
RT: 11.654 min Scan# 1602

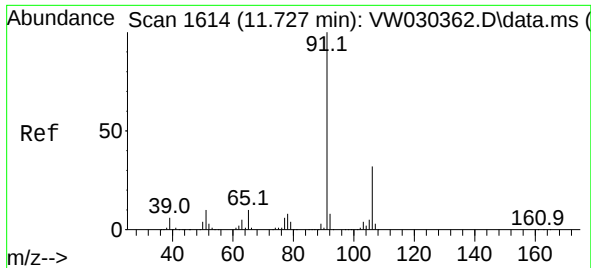
Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Tgt Ion:	112	Resp:	159811
Ion	Ratio	Lower	Upper
112	100		
114	32.6	21.5	39.9
77	58.5	46.7	70.1





#52

Ethylbenzene

Concen: 21.670 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

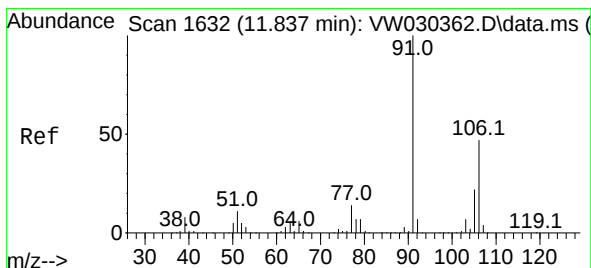
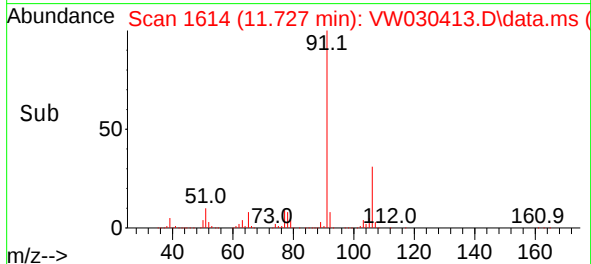
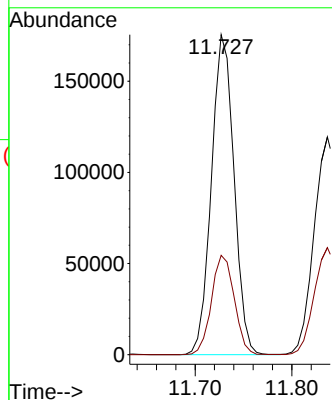
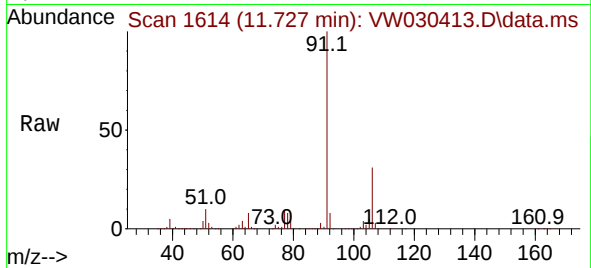
ClientSampleId :

Tgt Ion: 91 Resp: 285165

Ion Ratio Lower Upper

91 100

106 31.1 21.8 40.6



#53

m,p-Xylene

Concen: 22.241 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030413.D

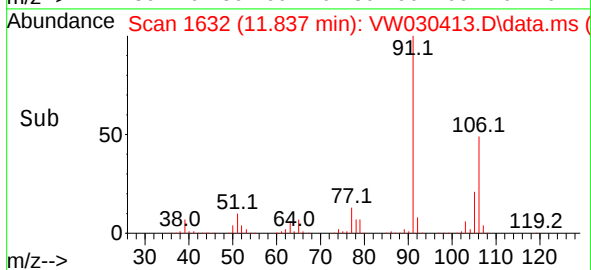
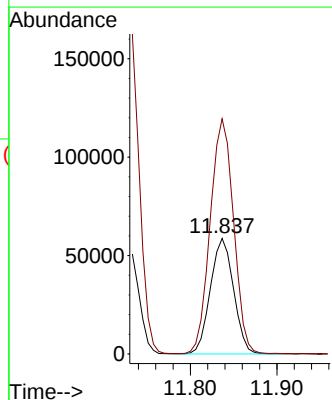
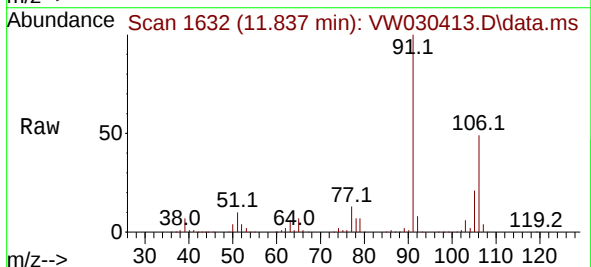
Acq: 07 Oct 2024 12:38

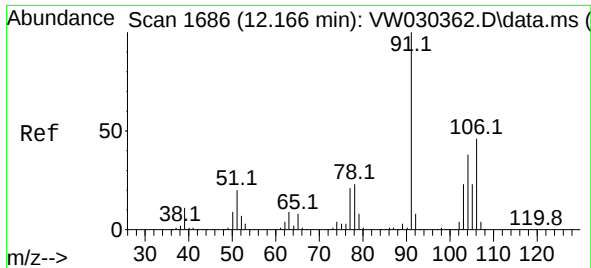
Tgt Ion: 106 Resp: 109254

Ion Ratio Lower Upper

106 100

91 203.6 144.4 268.2

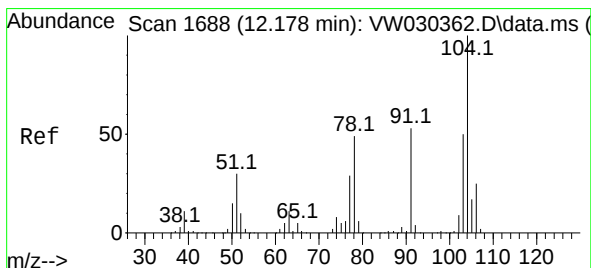
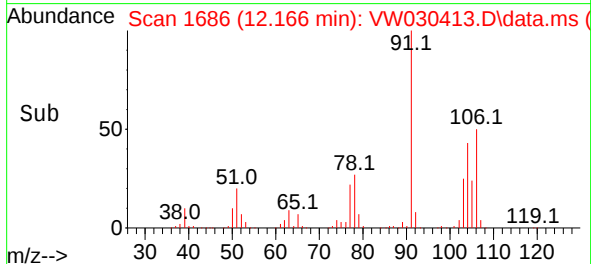
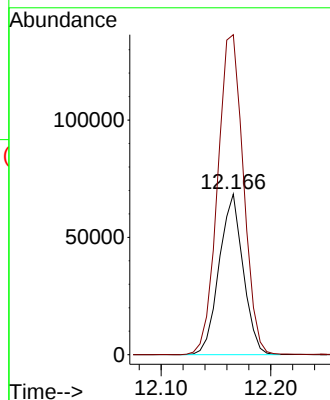
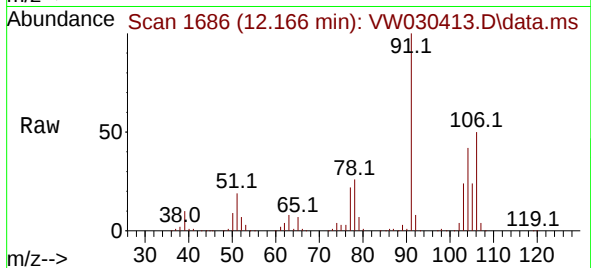




#54
o-Xylene
Concen: 22.246 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

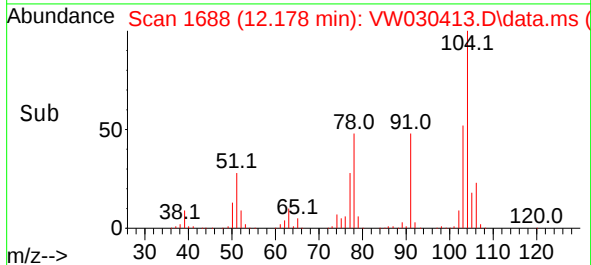
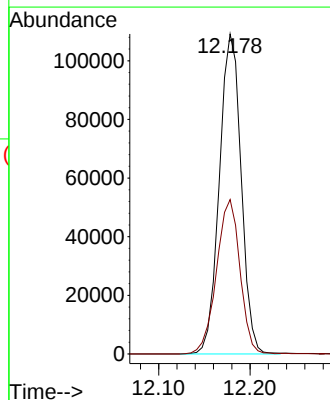
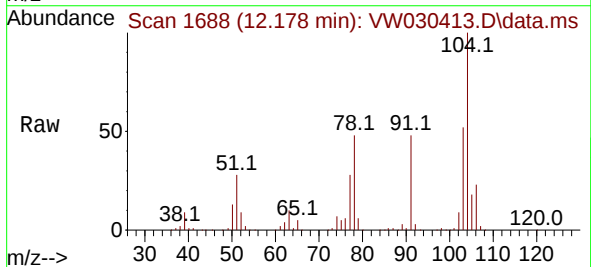
Instrument :
MSVOA_W
ClientSampleId :

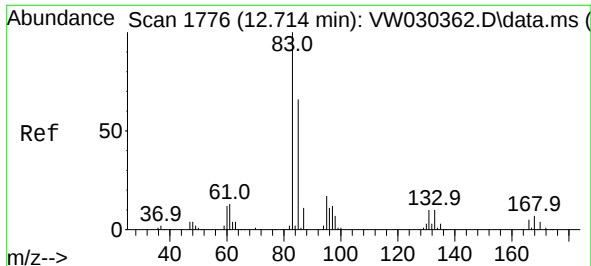
Tgt Ion:106 Resp: 104015
Ion Ratio Lower Upper
106 100
91 199.1 153.6 285.2



#55
Styrene
Concen: 22.670 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Tgt Ion:104 Resp: 180819
Ion Ratio Lower Upper
104 100
78 48.2 34.6 64.3





#57

1,1,2,2-Tetrachloroethane

Concen: 20.817 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :

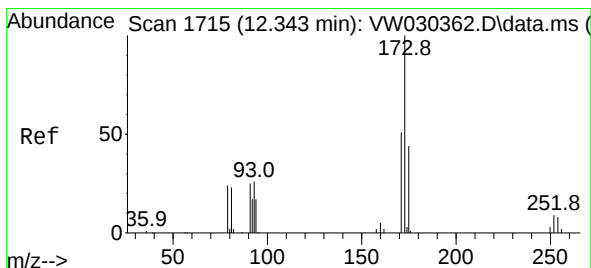
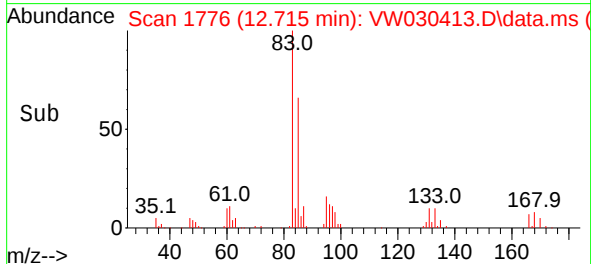
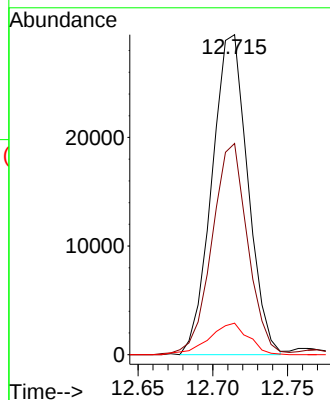
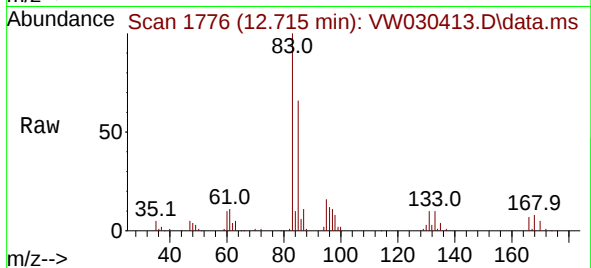
Tgt Ion: 83 Resp: 49186

Ion Ratio Lower Upper

83 100

85 66.0 43.9 81.5

131 9.9 7.1 10.7



#59

Bromoform

Concen: 20.378 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

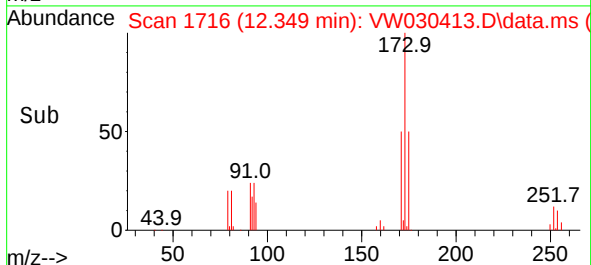
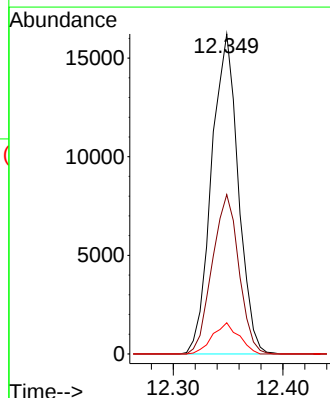
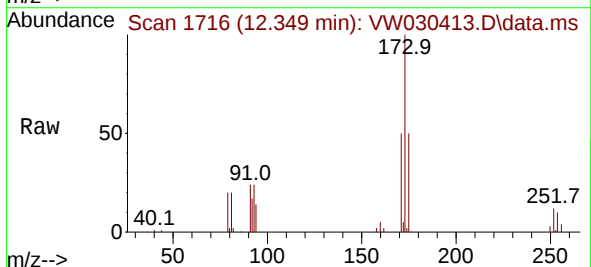
Tgt Ion:173 Resp: 27446

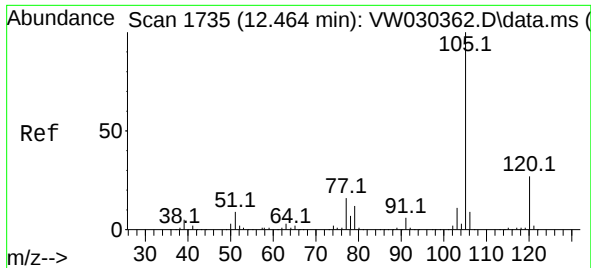
Ion Ratio Lower Upper

173 100

175 49.6 38.7 58.1

254 9.6 7.4 11.2

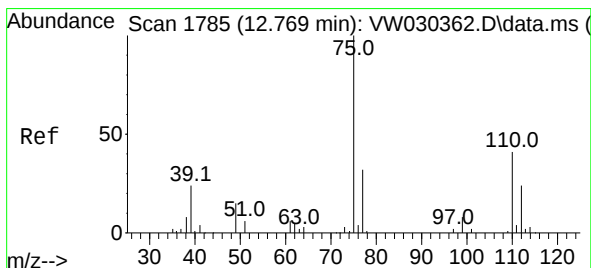
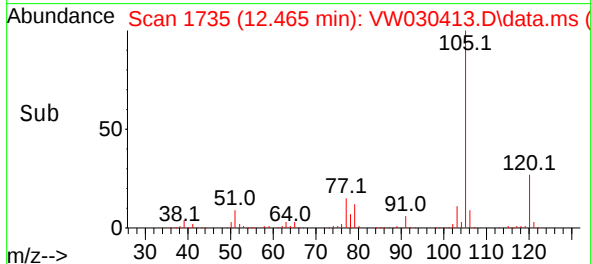
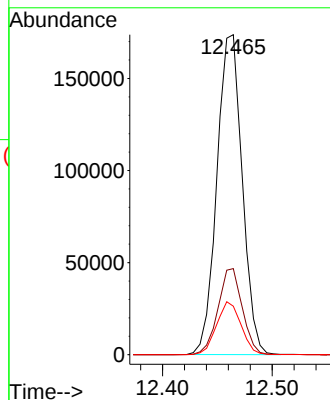
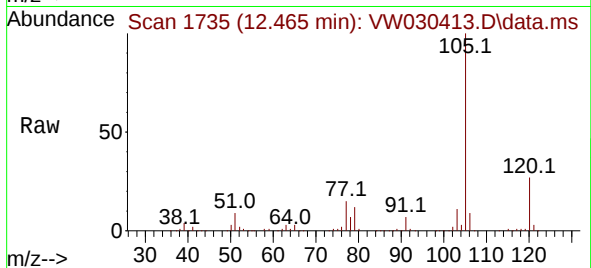




#60
Isopropylbenzene
Concen: 21.156 ug/L
RT: 12.465 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

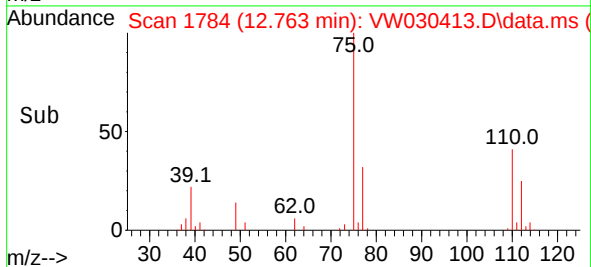
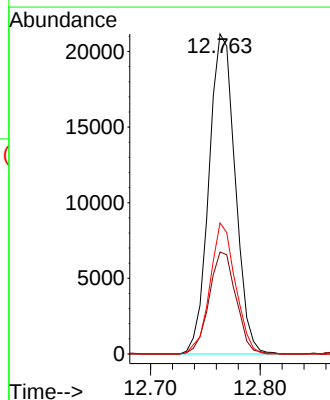
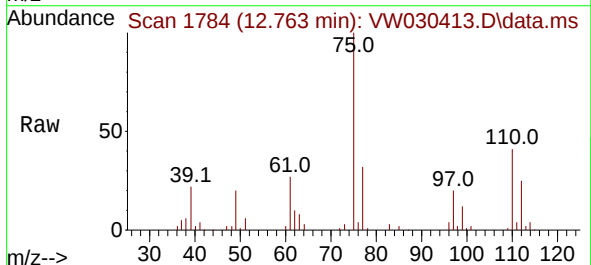
Instrument :
MSVOA_W
ClientSampleId :

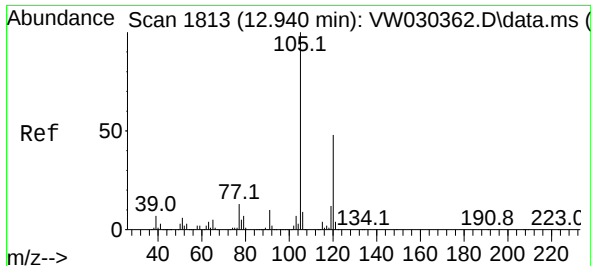
Tgt Ion:105 Resp: 279165
Ion Ratio Lower Upper
105 100
120 25.9 21.2 31.8
77 16.0 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 19.902 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

Tgt Ion: 75 Resp: 35174
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2
110 39.6 30.8 46.2

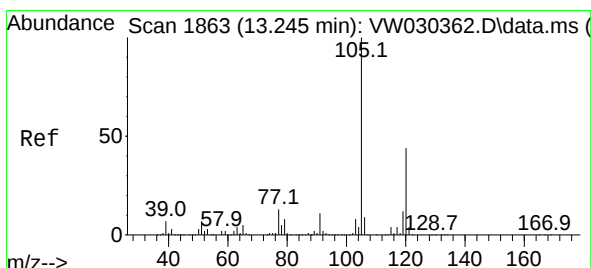
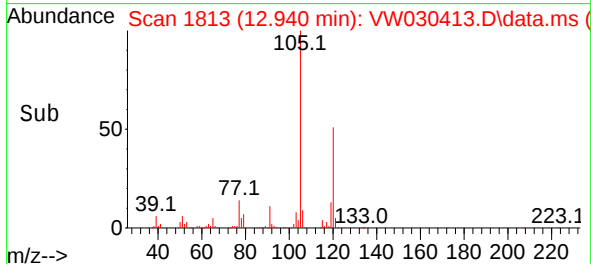
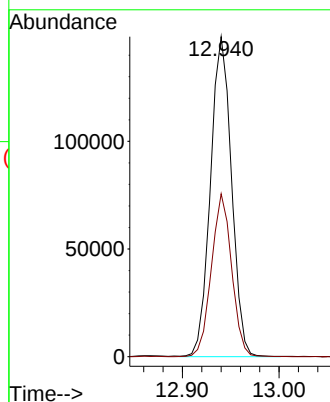
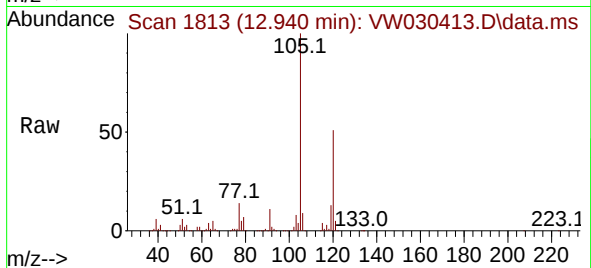




#62
1,3,5-Trimethylbenzene
Concen: 21.082 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

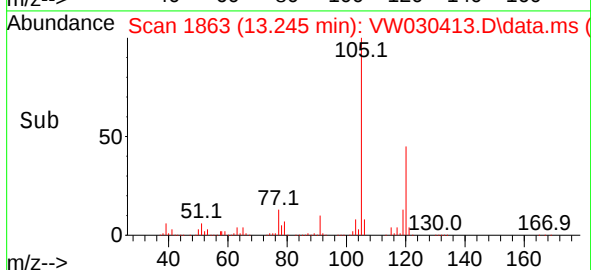
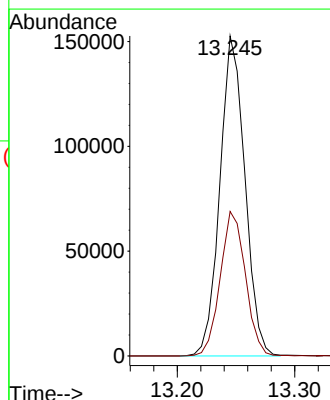
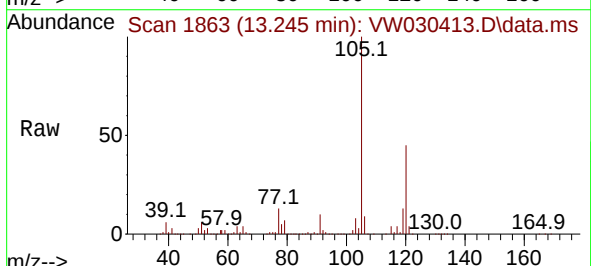
Instrument :
MSVOA_W
ClientSampleId :

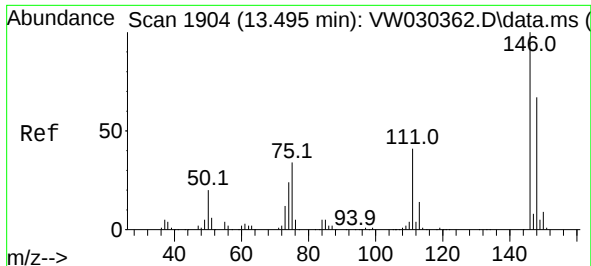
Tgt Ion:105 Resp: 225019
Ion Ratio Lower Upper
105 100
120 48.9 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 21.435 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

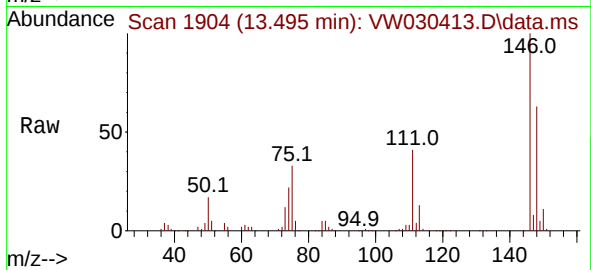
Tgt Ion:105 Resp: 226044
Ion Ratio Lower Upper
105 100
120 45.5 34.4 51.6



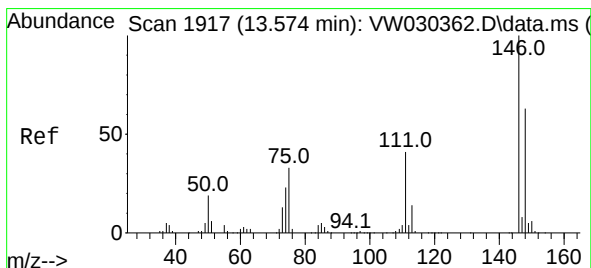
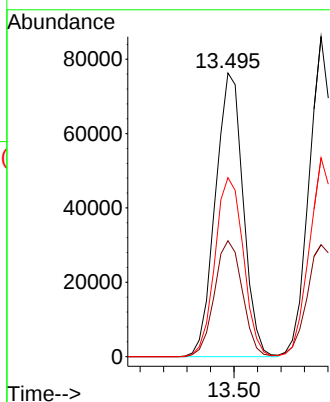
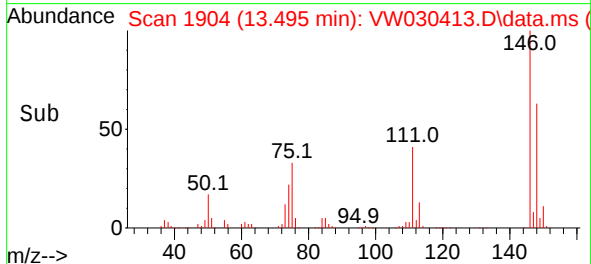


#64
1,3-Dichlorobenzene
Concen: 21.307 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

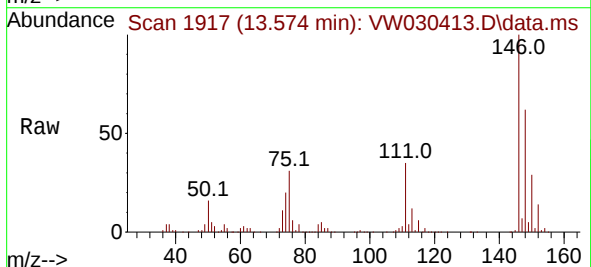
Instrument :
MSVOA_W
ClientSampleId :



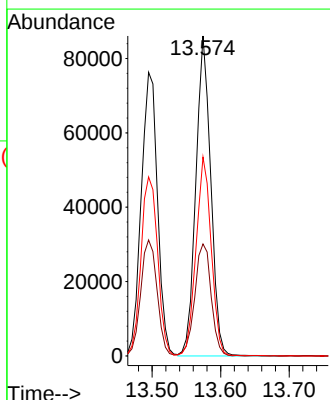
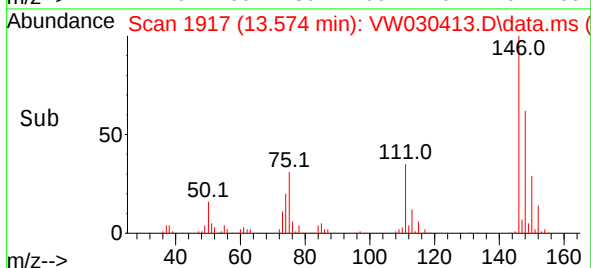
Tgt Ion:146 Resp: 125650
Ion Ratio Lower Upper
146 100
111 40.9 33.2 61.6
148 63.1 50.4 93.6

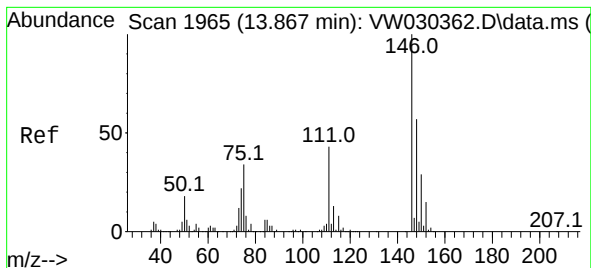


#65
1,4-Dichlorobenzene
Concen: 21.654 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38



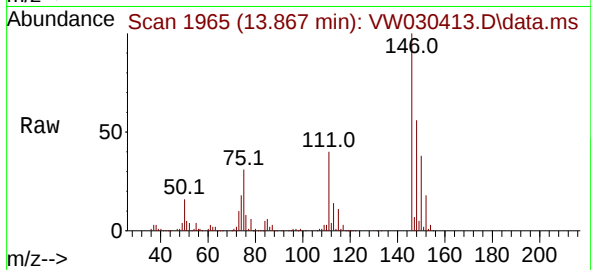
Tgt Ion:146 Resp: 130448
Ion Ratio Lower Upper
146 100
111 35.0 29.1 54.1
148 62.2 42.1 78.1



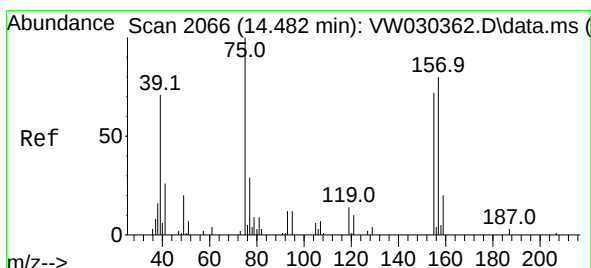
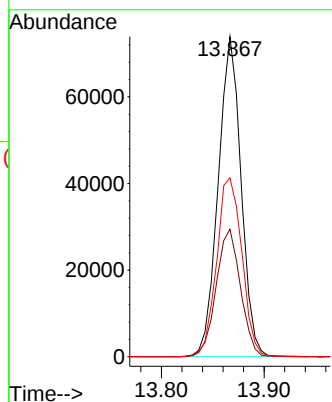
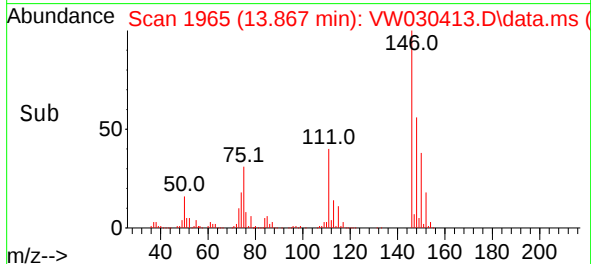


#67
1,2-Dichlorobenzene
Concen: 21.733 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38

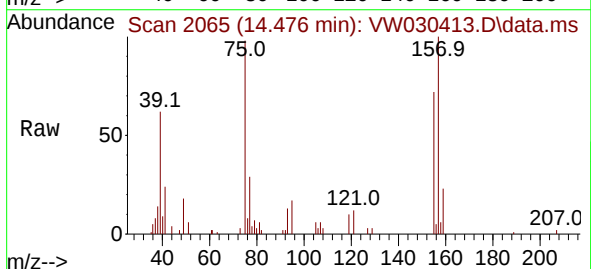
Instrument :
MSVOA_W
ClientSampleId :



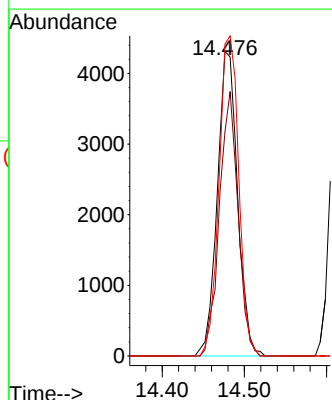
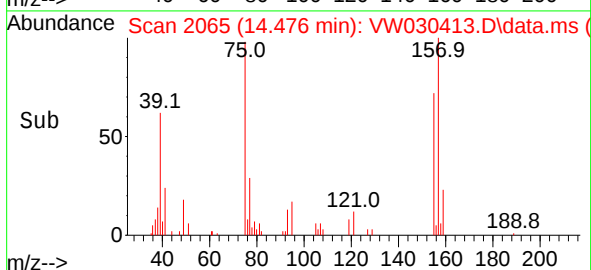
Tgt Ion:146 Resp: 114256
Ion Ratio Lower Upper
146 100
111 39.9 40.1 60.1#
148 55.9 55.7 83.5

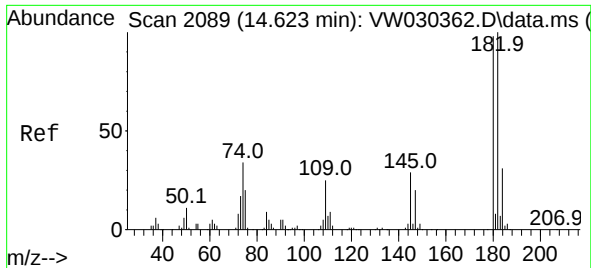


#68
1,2-Dibromo-3-chloropropane
Concen: 18.213 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030413.D
Acq: 07 Oct 2024 12:38



Tgt Ion: 75 Resp: 7375
Ion Ratio Lower Upper
75 100
155 73.7 60.1 90.1
157 102.5 74.3 111.5





#69

1,3,5-Trichlorobenzene

Concen: 21.721 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

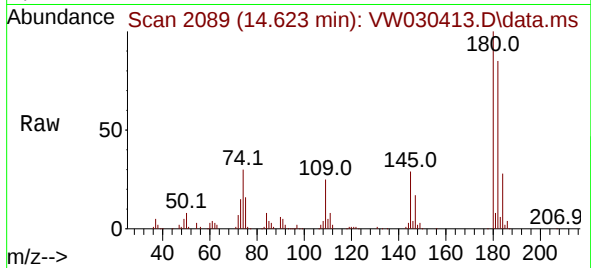
Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 88407

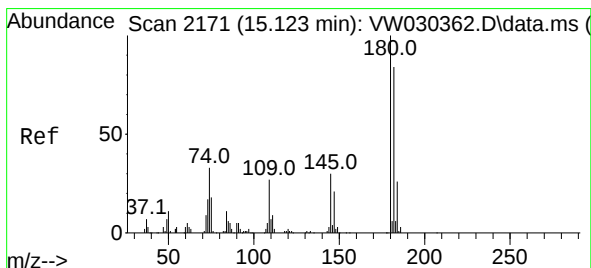
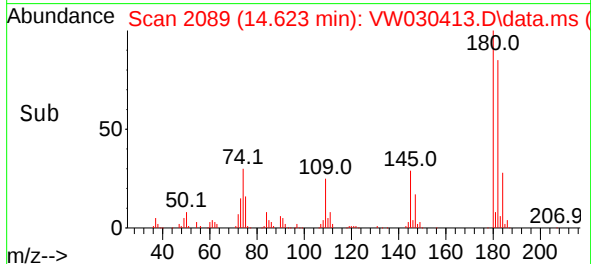
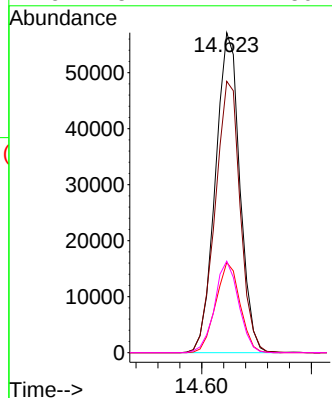
Ion Ratio Lower Upper

180 100

182 86.9 77.4 116.2

184 28.0 24.5 36.7

145 28.1 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 19.570 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030413.D

Acq: 07 Oct 2024 12:38

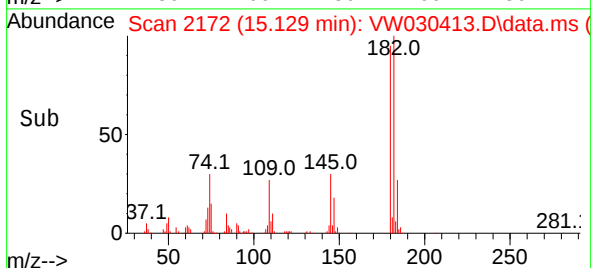
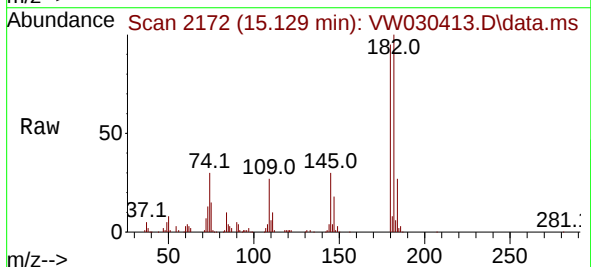
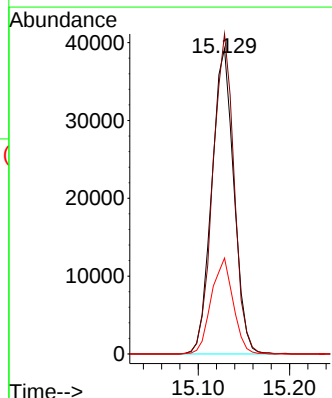
Tgt Ion:180 Resp: 65946

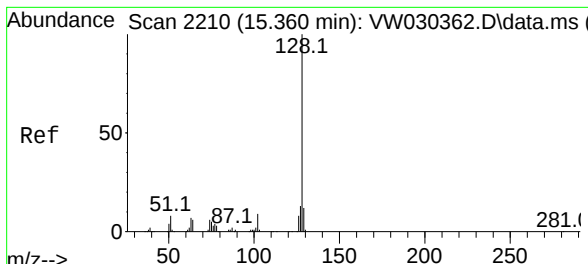
Ion Ratio Lower Upper

180 100

182 101.0 77.2 115.8

145 31.0 25.3 37.9



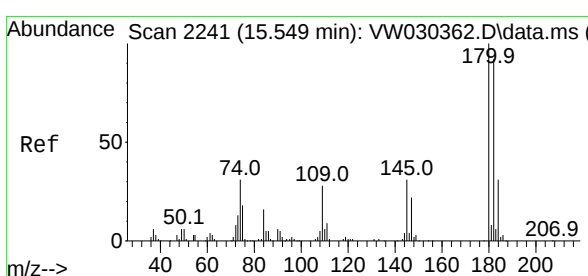
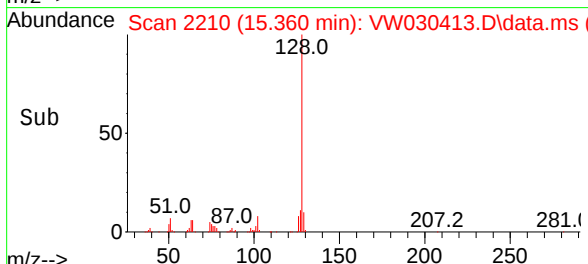
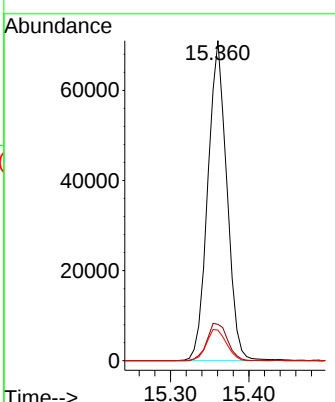
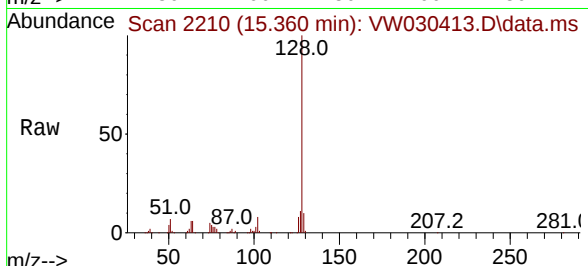


#71
 Naphthalene
 Concen: 19.431 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030413.D
 Acq: 07 Oct 2024 12:38

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 119766

Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.8	16.2
129	10.3	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 20.811 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030413.D
 Acq: 07 Oct 2024 12:38

Tgt Ion:180 Resp: 61385

Ion	Ratio	Lower	Upper
180	100		
182	97.4	75.6	113.4
145	32.8	25.6	38.4

