

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100924\
 Data File : VW030475.D
 Acq On : 09 Oct 2024 15:24
 Operator : SY/MD
 Sample : VSTD100
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 10 01:06:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	377151	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.635	117	347330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172978	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	532107	89.758	ug/L	0.00
7) Chloroethane-d5	2.899	69	429600	95.734	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.021	65	237906	96.486	ug/L	0.00
21) 2-Butanone-d5	7.075	46	216718	202.862	ug/L	0.00
24) Chloroform-d	7.648	84	1070803	99.279	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	546892	97.510	ug/L	0.00
32) Benzene-d6	8.276	84	1971795	97.812	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	582140	98.387	ug/L	0.00
41) Toluene-d8	10.325	98	1924092	104.554	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	272301	109.905	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	181252	237.836	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	434750	100.050	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.848	152	599871	102.492	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.015	85	492348	102.176	ug/L	97
3) Chloromethane	2.229	50	557218	99.496	ug/L	100
5) Vinyl chloride	2.375	62	633779	92.022	ug/L	100
6) Bromomethane	2.789	94	436905	96.379	ug/L	94
8) Chloroethane	2.936	64	394324	93.659	ug/L	99
9) Trichlorofluoromethane	3.271	101	629942	102.221	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	509411	98.299	ug/L	98
12) 1,1-Dichloroethene	4.045	96	502154	99.239	ug/L	96
13) Acetone	4.119	43	316187	205.957	ug/L	98
14) Carbon disulfide	4.387	76	1582301	95.759	ug/L	99
15) Methyl Acetate	4.667	43	186944	95.581	ug/L	98
16) Methylene chloride	4.917	84	500985	87.865	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	536756	98.305	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	789950	103.374	ug/L	99
19) 1,1-Dichloroethane	6.222	63	978984	96.470	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	593350	101.883	ug/L	94
22) 2-Butanone	7.167	43	352798	221.324	ug/L	99
23) Bromochloromethane	7.514	128	242257	95.086	ug/L	91
25) Chloroform	7.679	83	1032213	95.182	ug/L	98
27) 1,2-Dichloroethane	8.398	62	668177	93.394	ug/L	100
29) Cyclohexane	7.959	56	895475	105.913	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	883503	95.822	ug/L	97
31) Carbon tetrachloride	8.069	117	792810	96.273	ug/L	99
33) Benzene	8.325	78	2149639	95.106	ug/L	100
34) Trichloroethene	9.093	95	604952	96.204	ug/L	95
35) Methylcyclohexane	9.337	83	984969	99.530	ug/L	99
37) 1,2-Dichloropropane	9.368	63	537277	95.038	ug/L	100
38) Bromodichloromethane	9.642	83	737654	98.214	ug/L	97
39) cis-1,3-Dichloropropene	10.075	75	906099	106.413	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	571266	210.647	ug/L	99
42) Toluene	10.386	91	2368290	98.214	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	759879	106.198	ug/L	96

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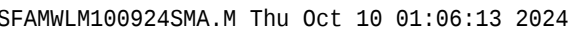
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 MSVOA_W
 ClientSampleId :

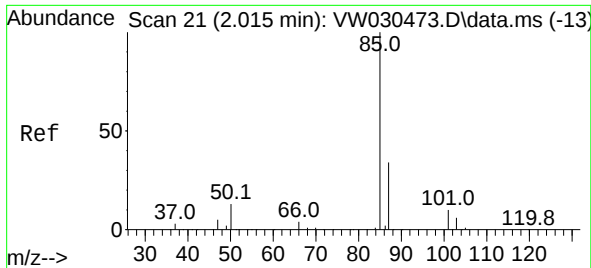
Quant Time: Oct 10 01:06:05 2024
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 Quant Title : SFAM01.0
 QLast Update : Thu Oct 10 01:03:35 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.782	97	391606	95.985	ug/L	99
46) Tetrachloroethene	10.861	164	438782	94.608	ug/L	94
48) 2-Hexanone	10.965	43	494632	223.029	ug/L	99
49) Dibromochloromethane	11.129	129	442753	97.259	ug/L	98
50) 1,2-Dibromoethane	11.233	107	372622	97.879	ug/L	96
51) Chlorobenzene	11.654	112	1530299	98.584	ug/L	99
52) Ethylbenzene	11.727	91	2780226	101.043	ug/L	97
53) m,p-Xylene	11.837	106	1058639	102.697	ug/L	97
54) o-Xylene	12.166	106	1012315	106.222	ug/L	96
55) Styrene	12.178	104	1700826	104.396	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.715	83	433547	94.232	ug/L	96
59) Bromoform	12.343	173	250163	102.935	ug/L	98
60) Isopropylbenzene	12.458	105	2772045	103.482	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	312658	92.888	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	2313506	109.470	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	2197305	106.191	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	1124090	96.405	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	1138665	94.576	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	965333	94.083	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	70246	93.569	ug/L	90
69) 1,3,5-Trichlorobenzene	14.629	180	760686	98.932	ug/L	96
70) 1,2,4-trichlorobenzene	15.123	180	647289	104.571	ug/L	98
71) Naphthalene	15.360	128	1220473	114.125	ug/L	98
72) 1,2,3-Trichlorobenzene	15.543	180	532139	99.166	ug/L	98

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

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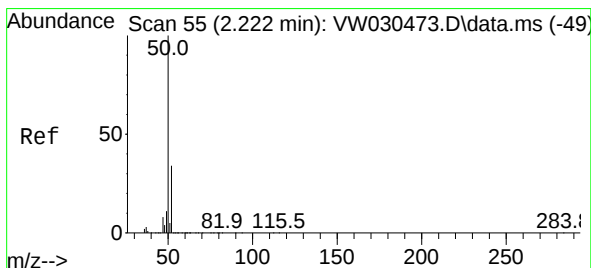
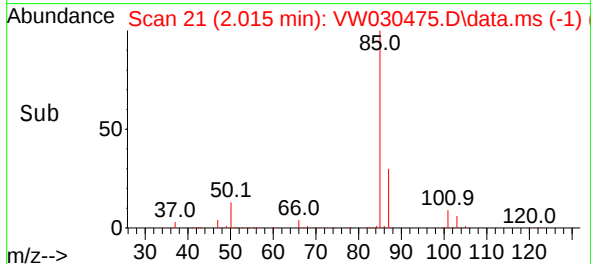
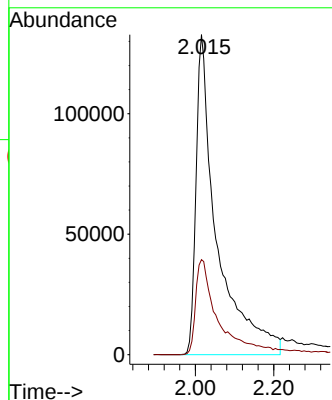
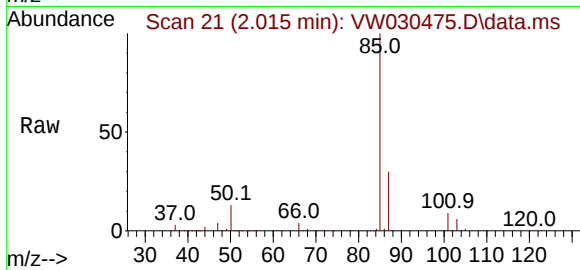




#2
 Dichlorodifluoromethane
 Concen: 102.176 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030475.D
 Acq: 09 Oct 2024 15:24

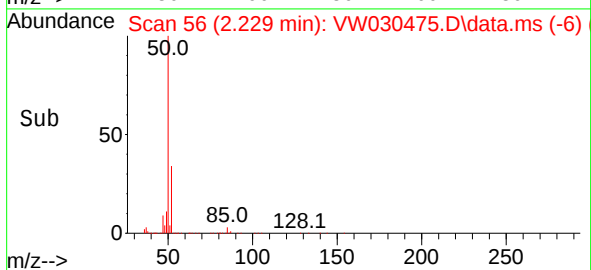
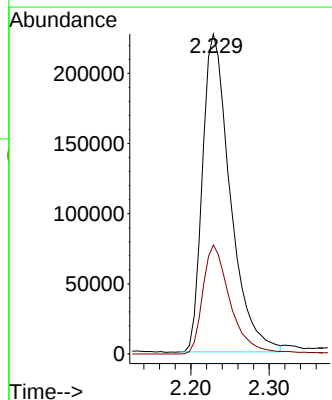
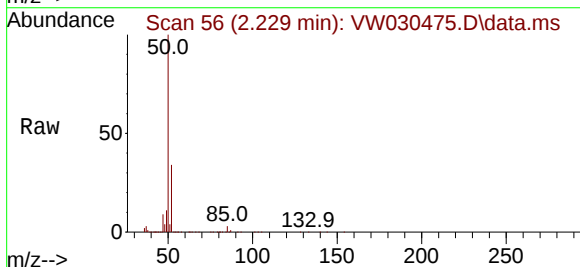
Instrument :
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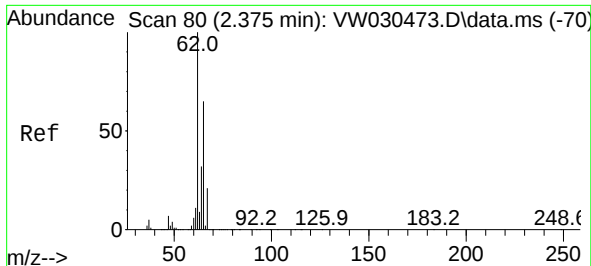
Tgt Ion: 85 Resp: 492348
 Ion Ratio Lower Upper
 85 100
 87 31.2 23.8 35.6



#3
 Chloromethane
 Concen: 99.496 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW030475.D
 Acq: 09 Oct 2024 15:24

Tgt Ion: 50 Resp: 557218
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.7 43.9

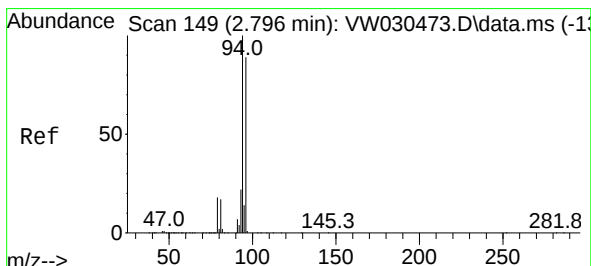
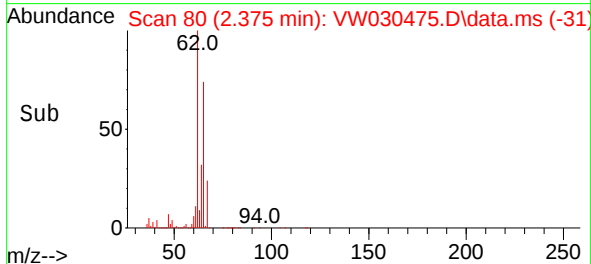
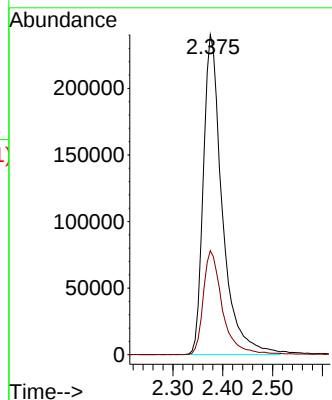
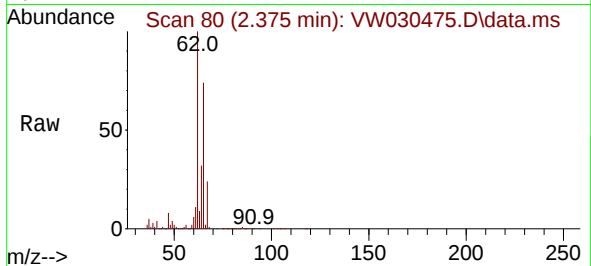




#5
 Vinyl chloride
 Concen: 92.022 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030475.D
 Acq: 09 Oct 2024 15:24

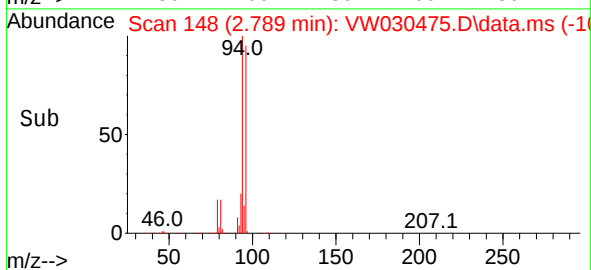
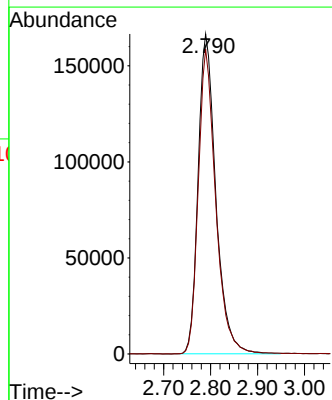
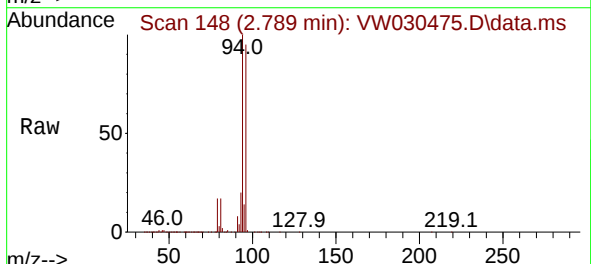
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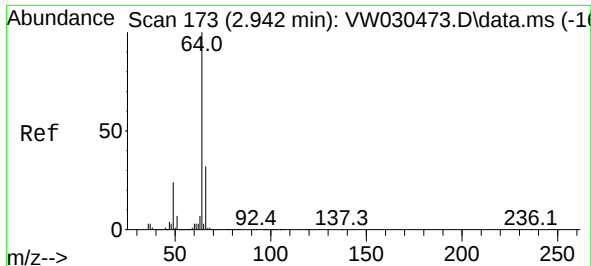
Tgt Ion: 62 Resp: 633779
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.6 42.0



#6
 Bromomethane
 Concen: 96.379 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030475.D
 Acq: 09 Oct 2024 15:24

Tgt Ion: 94 Resp: 436905
 Ion Ratio Lower Upper
 94 100
 96 95.3 62.6 116.2

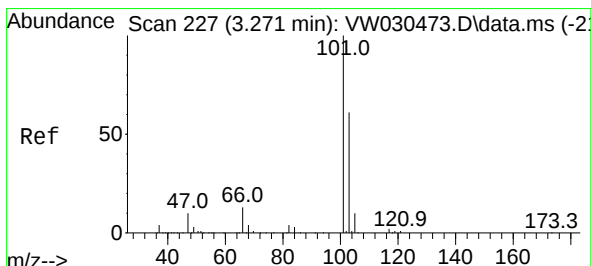
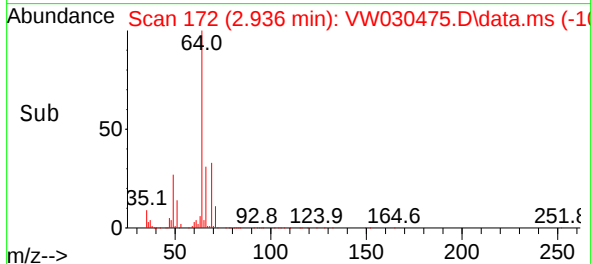
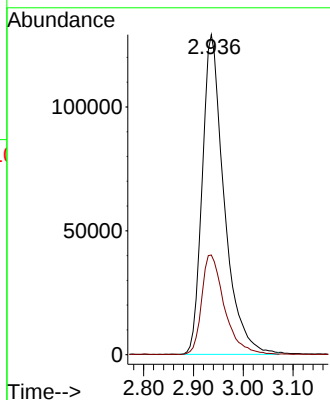
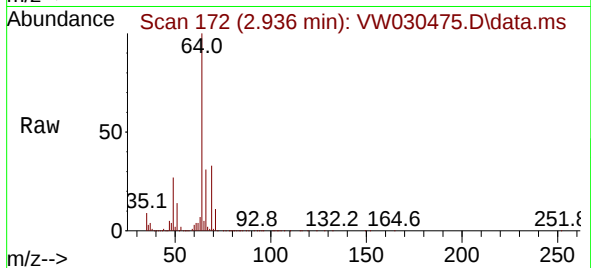




#8
Chloroethane
Concen: 93.659 ug/L
RT: 2.936 min Scan# 173
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

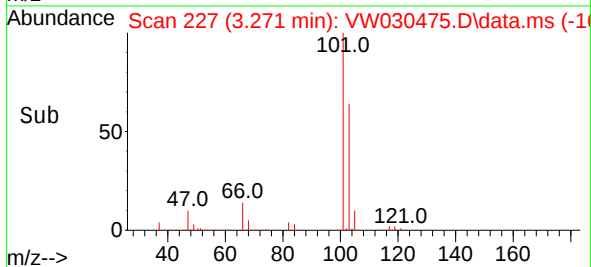
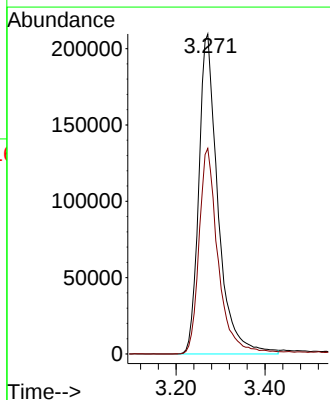
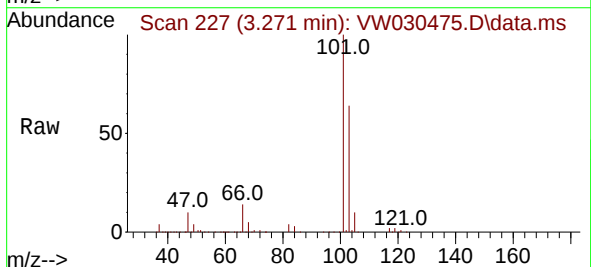
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MSVOA_W
ClientSampleId :

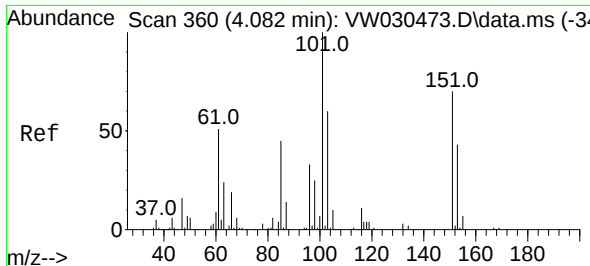
Tgt Ion: 64 Resp: 394324
Ion Ratio Lower Upper
64 100
66 31.2 22.3 41.5



#9
Trichlorofluoromethane
Concen: 102.221 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion:101 Resp: 629942
Ion Ratio Lower Upper
101 100
103 63.2 51.1 76.7





#10

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

Concen: 98.299 ug/L

RT: 4.076 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

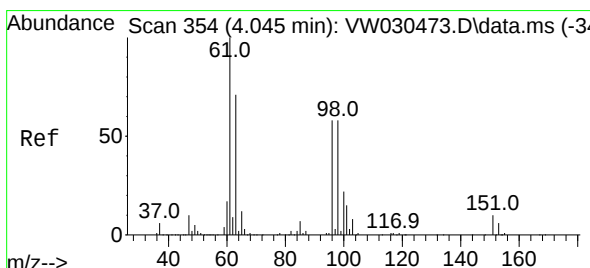
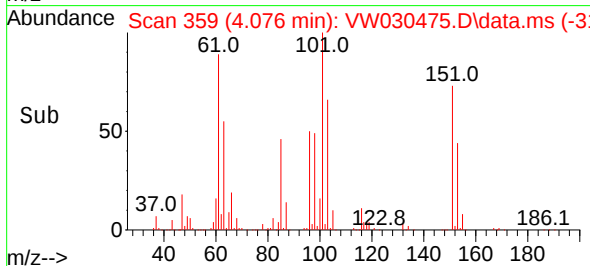
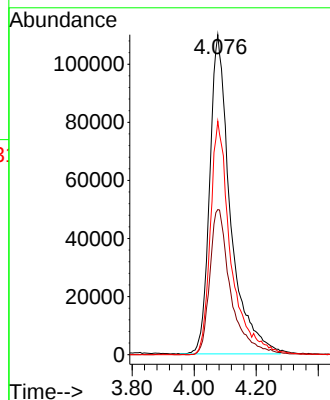
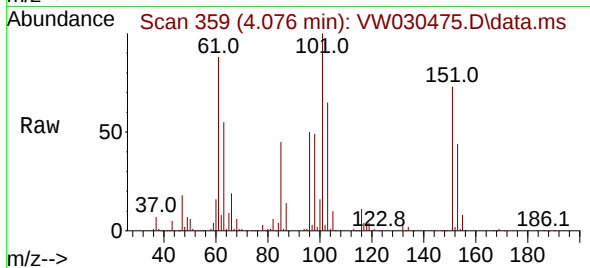
Tgt Ion:101 Resp: 509411

Ion Ratio Lower Upper

101 100

85 45.6 35.7 53.5

151 68.1 56.1 84.1



#12

1,1-Dichloroethene

Concen: 99.239 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

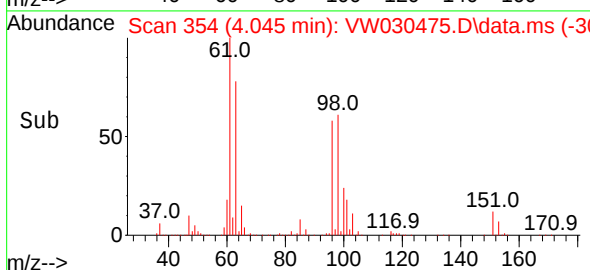
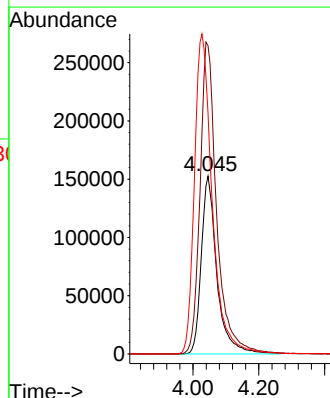
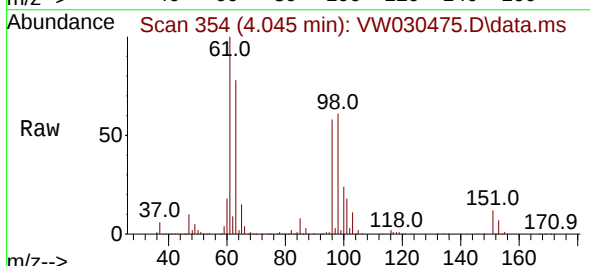
Tgt Ion: 96 Resp: 502154

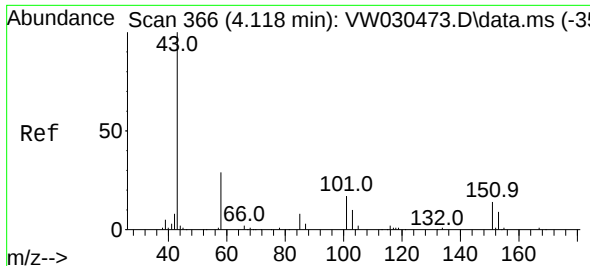
Ion Ratio Lower Upper

96 100

61 173.4 121.3 225.3

63 135.4 87.6 162.8

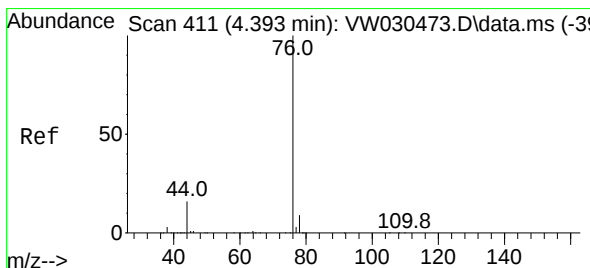
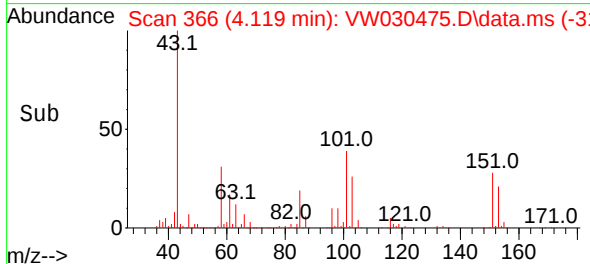
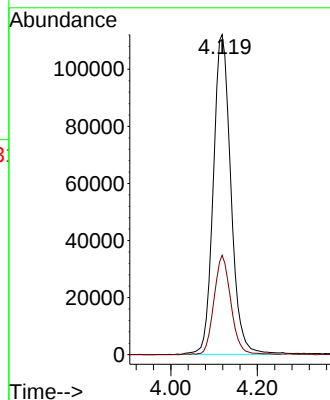
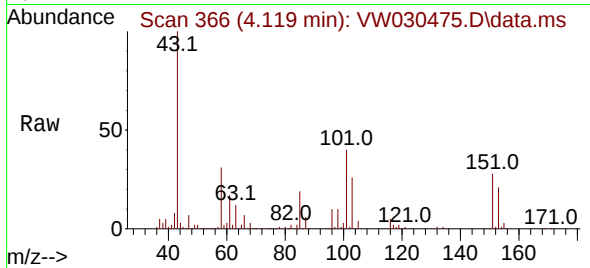




#13
Acetone
Concen: 205.957 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

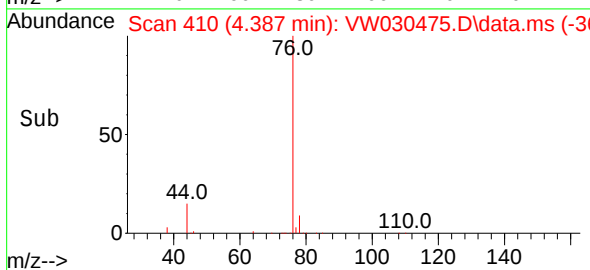
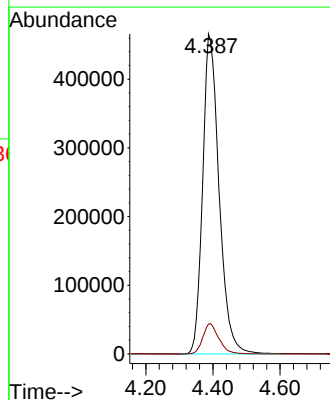
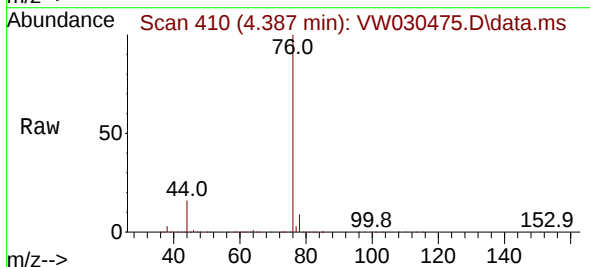
Instrument :
MSVOA_W
ClientSampleId :

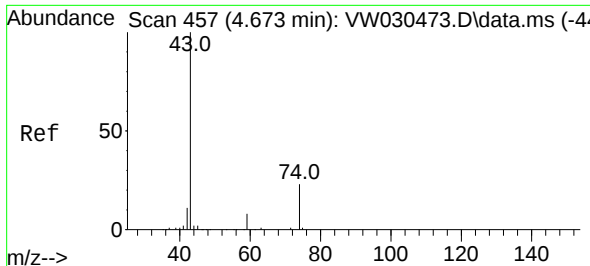
Tgt Ion: 43 Resp: 316187
Ion Ratio Lower Upper
43 100
58 29.6 0.0 57.6



#14
Carbon disulfide
Concen: 95.759 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion: 76 Resp: 1582301
Ion Ratio Lower Upper
76 100
78 9.4 7.1 10.7

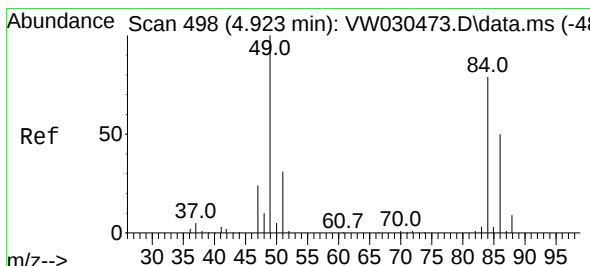
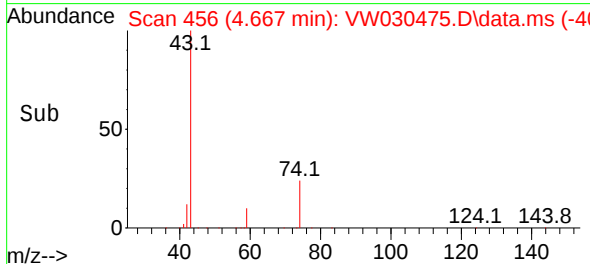
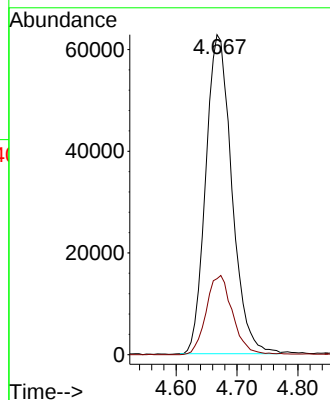
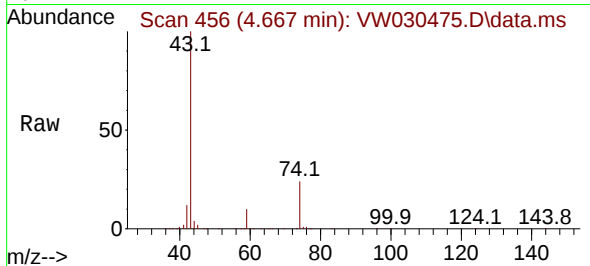




#15
Methyl Acetate
Concen: 95.581 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

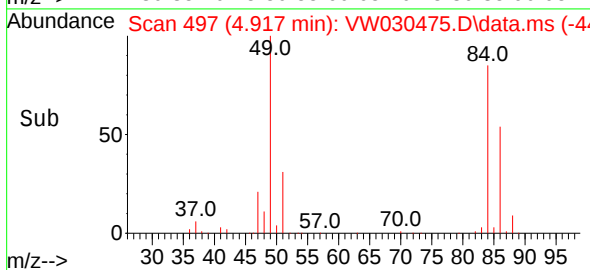
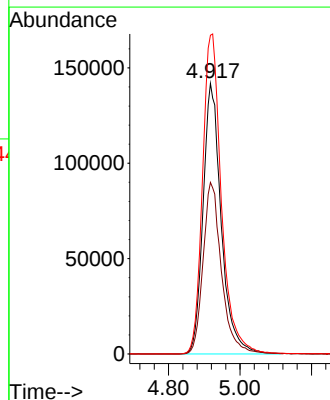
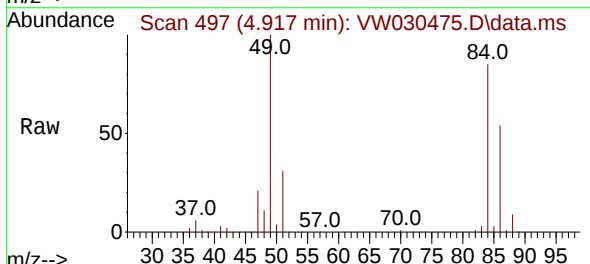
Instrument :
MSVOA_W
ClientSampleId :

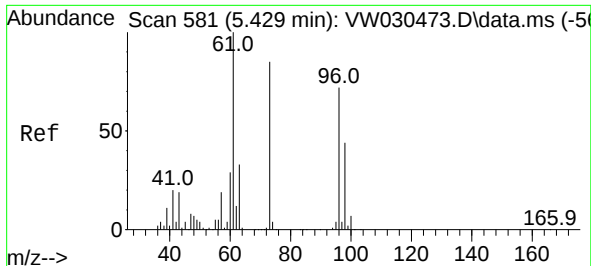
Tgt Ion: 43 Resp: 186944
Ion Ratio Lower Upper
43 100
74 25.0 19.3 28.9



#16
Methylene chloride
Concen: 87.865 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

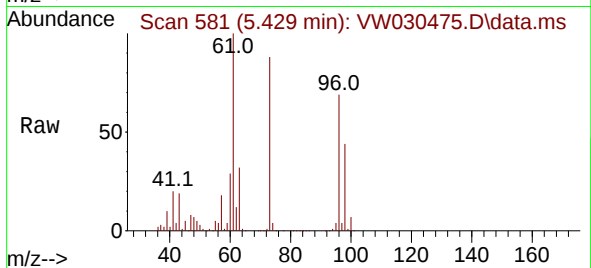
Tgt Ion: 84 Resp: 500985
Ion Ratio Lower Upper
84 100
86 63.4 43.8 81.3
49 117.8 88.3 164.1



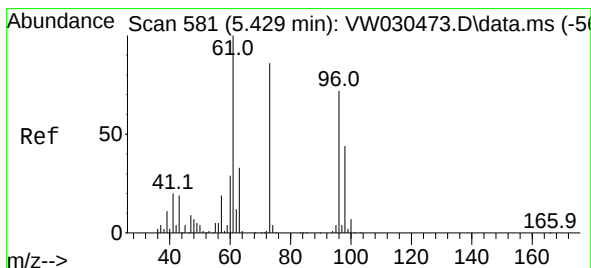
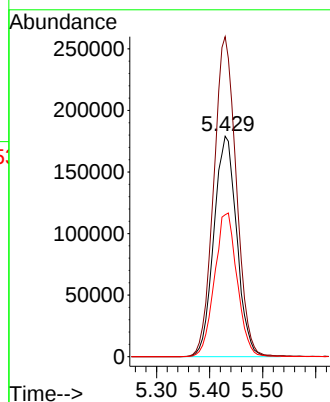
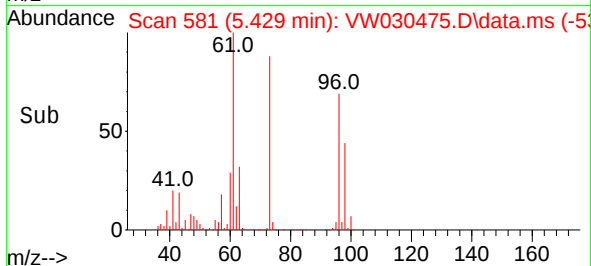


#17
trans-1,2-Dichloroethene
Concen: 98.305 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Instrument :
MSVOA_W
ClientSampleId :

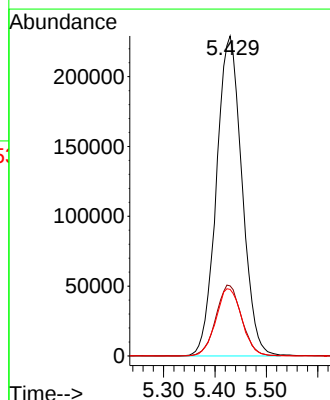
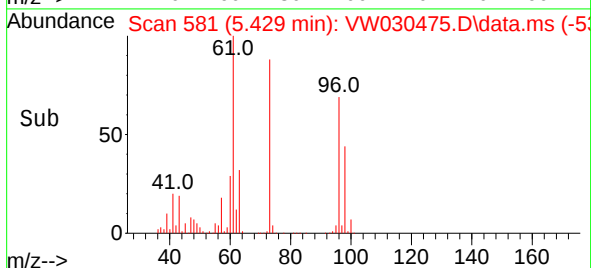
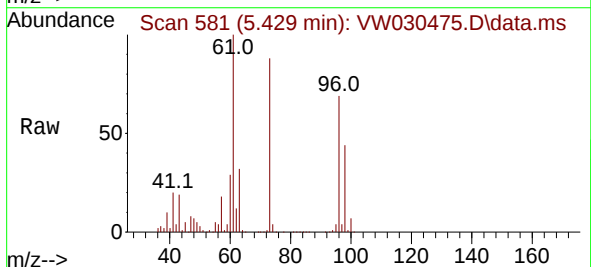


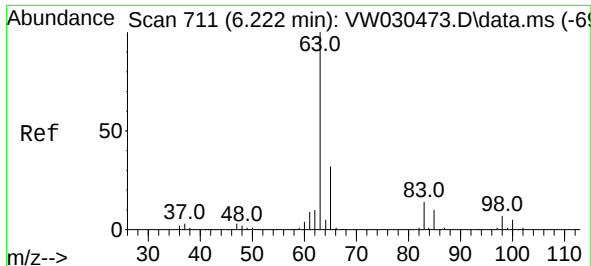
Tgt Ion: 96 Resp: 536756
Ion Ratio Lower Upper
96 100
61 145.1 96.9 179.9
98 64.3 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 103.374 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion: 73 Resp: 789950
Ion Ratio Lower Upper
73 100
43 22.2 18.1 27.1
57 21.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 96.470 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

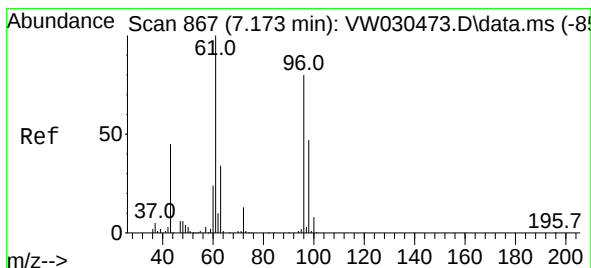
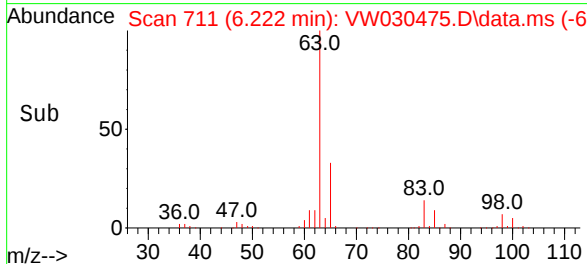
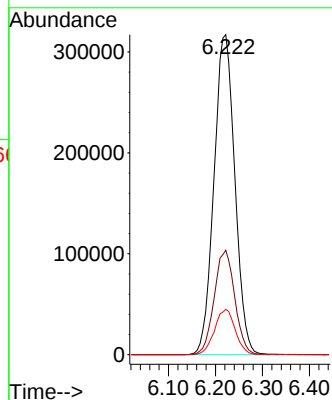
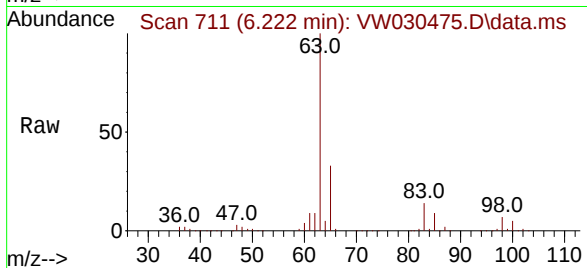
Tgt Ion: 63 Resp: 978984

Ion Ratio Lower Upper

63 100

65 32.7 22.5 41.9

83 14.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 101.883 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

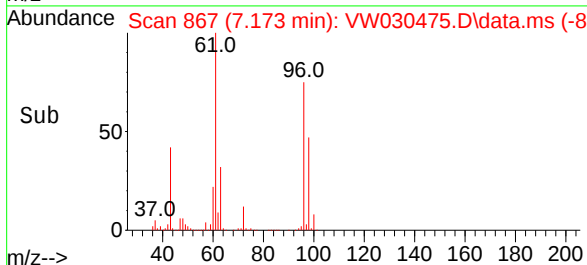
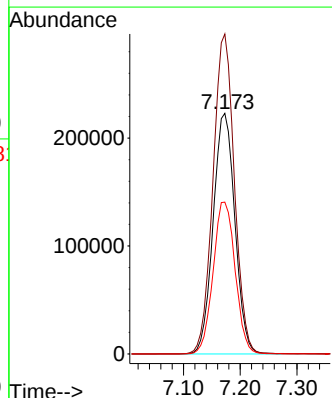
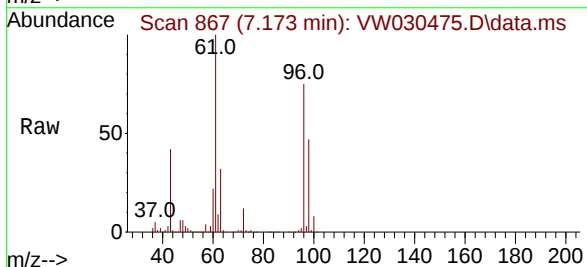
Tgt Ion: 96 Resp: 593350

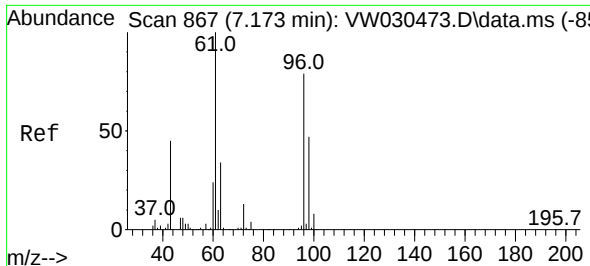
Ion Ratio Lower Upper

96 100

61 133.0 88.3 163.9

98 63.1 41.3 76.7





#22

2-Butanone

Concen: 221.324 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

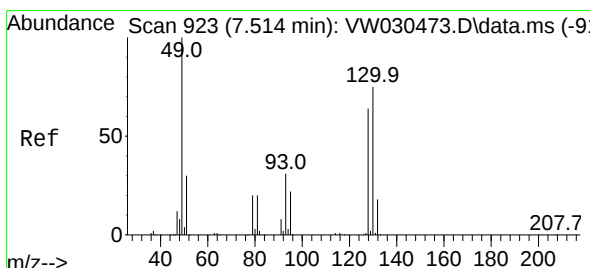
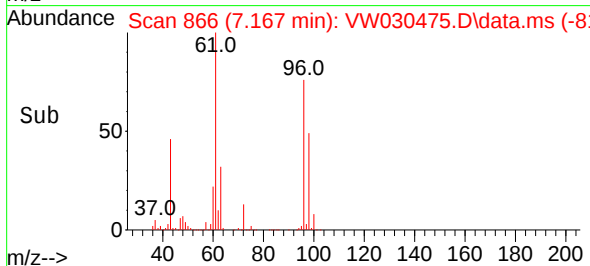
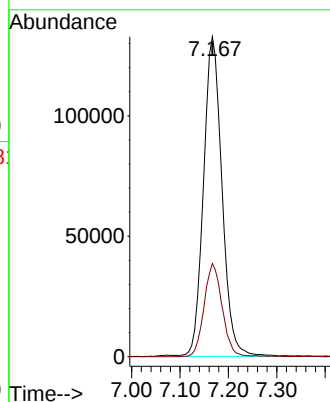
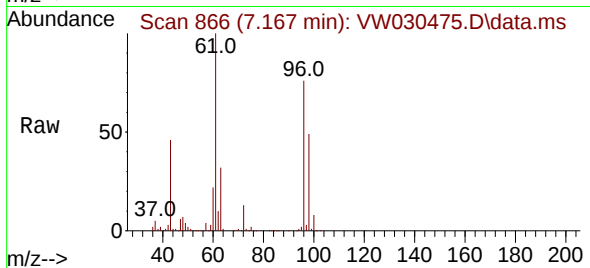
ClientSampleId :

Tgt Ion: 43 Resp: 352798

Ion Ratio Lower Upper

43 100

72 28.3 14.4 43.0



#23

Bromochloromethane

Concen: 95.086 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Tgt Ion: 128 Resp: 242257

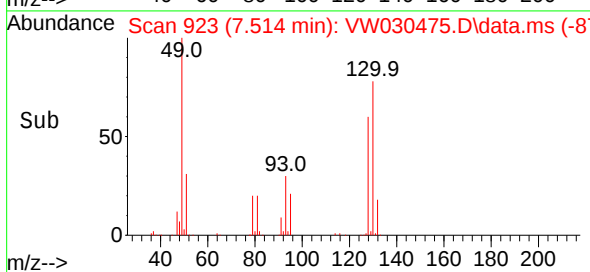
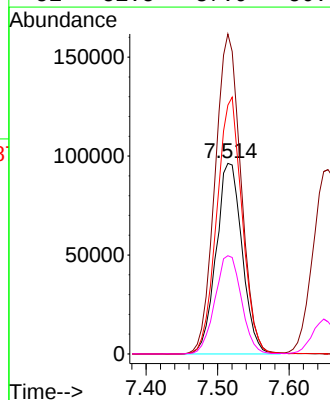
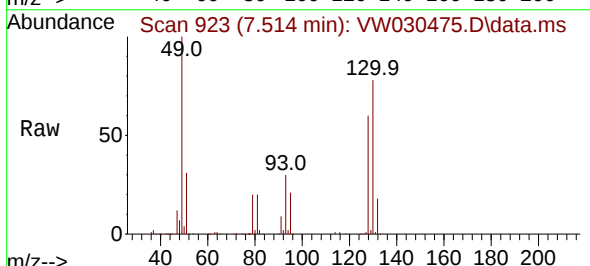
Ion Ratio Lower Upper

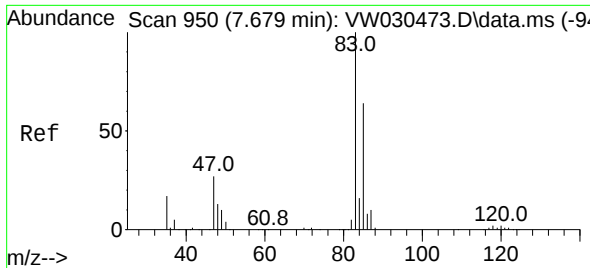
128 100

49 167.9 110.1 204.5

130 130.5 82.9 153.9

51 51.5 37.9 56.9

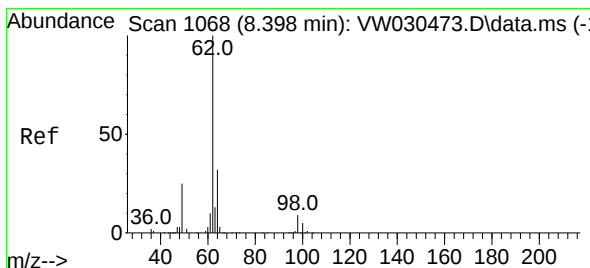
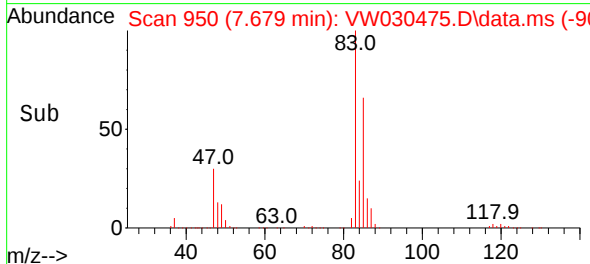
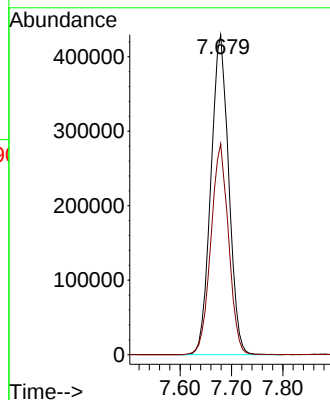
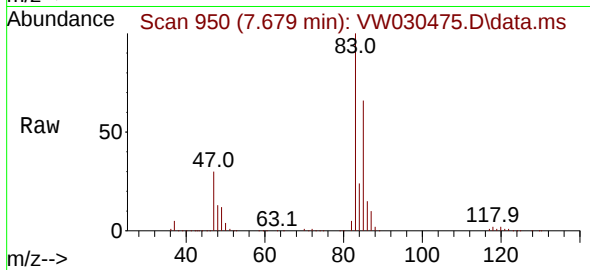




#25
Chloroform
Concen: 95.182 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

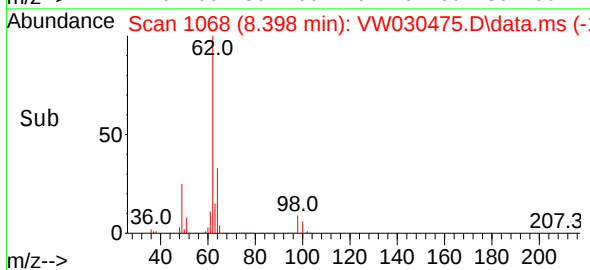
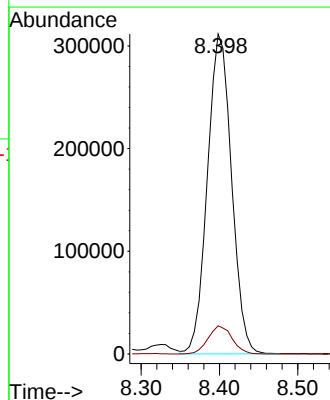
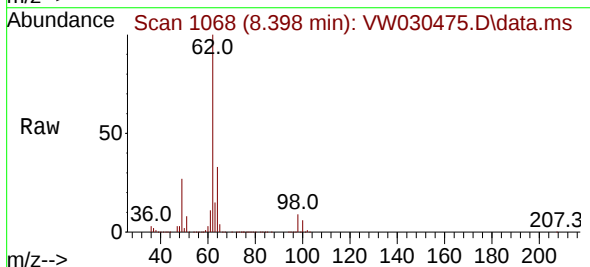
Instrument :
MSVOA_W
ClientSampleId :

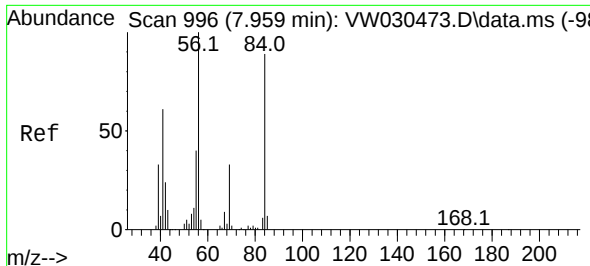
Tgt Ion: 83 Resp: 1032213
Ion Ratio Lower Upper
83 100
85 65.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 93.394 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion: 62 Resp: 668177
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 105.913 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

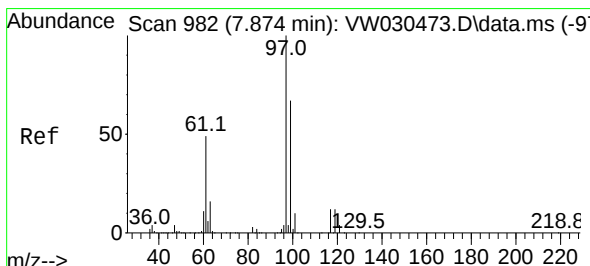
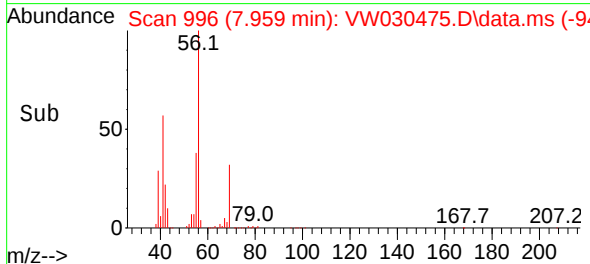
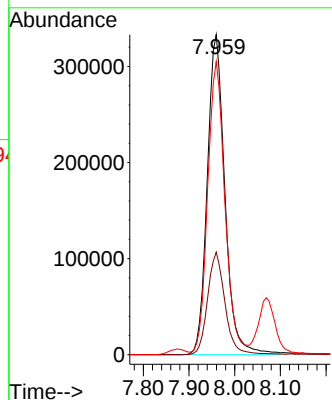
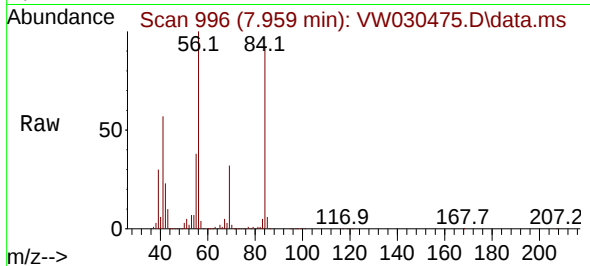
Tgt Ion: 56 Resp: 895475

Ion Ratio Lower Upper

56 100

69 31.3 25.4 38.0

84 89.5 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 95.822 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

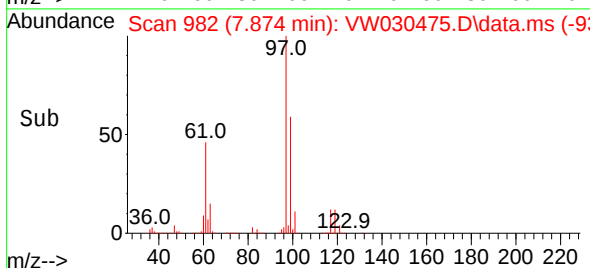
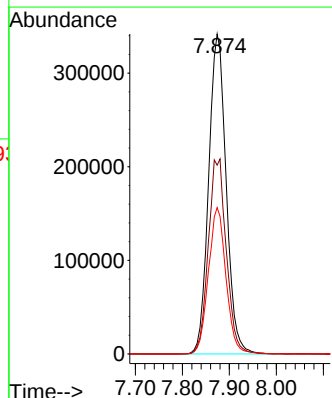
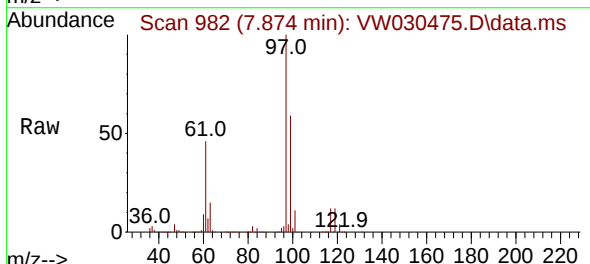
Tgt Ion: 97 Resp: 883503

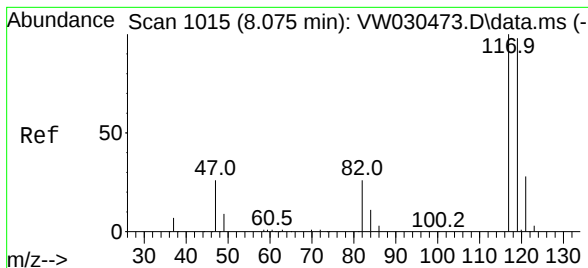
Ion Ratio Lower Upper

97 100

99 62.8 52.3 78.5

61 46.1 38.5 57.7





#31

Carbon tetrachloride

Concen: 96.273 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.006 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

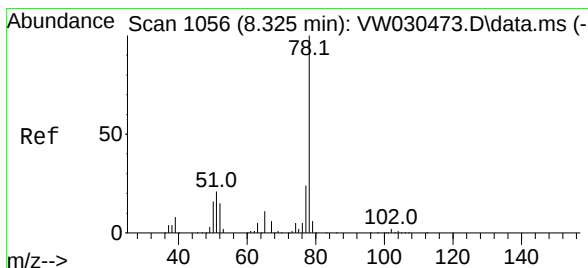
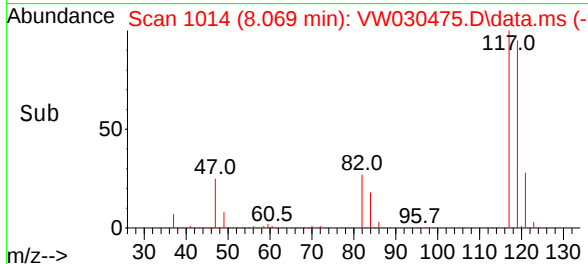
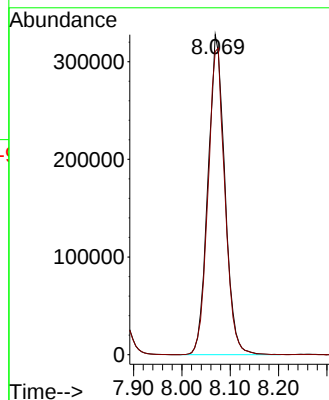
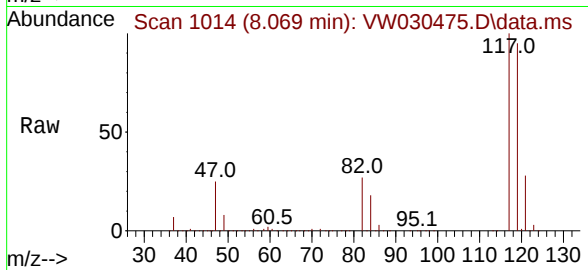
ClientSampleId :

Tgt Ion:117 Resp: 792810

Ion Ratio Lower Upper

117 100

119 96.2 77.8 116.8



#33

Benzene

Concen: 95.106 ug/L

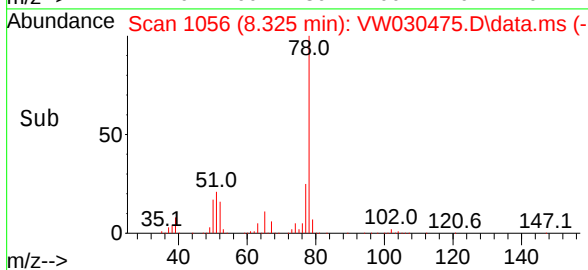
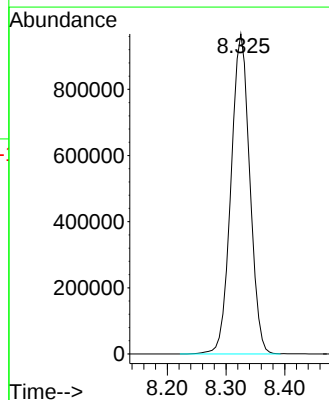
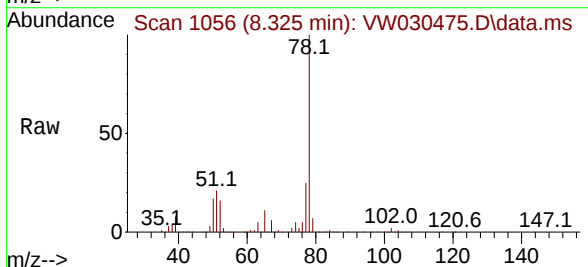
RT: 8.325 min Scan# 1056

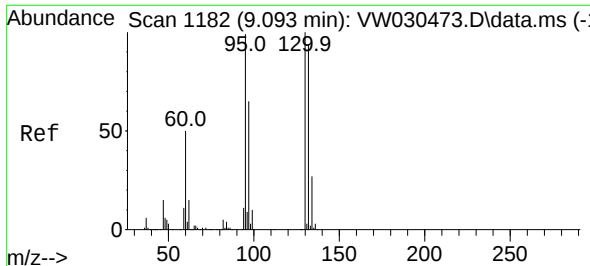
Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Tgt Ion: 78 Resp: 2149639





#34

Trichloroethene

Concen: 96.204 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

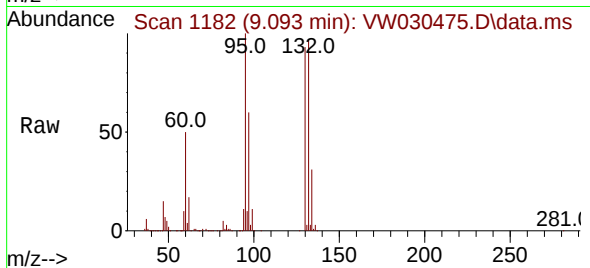
Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 604952

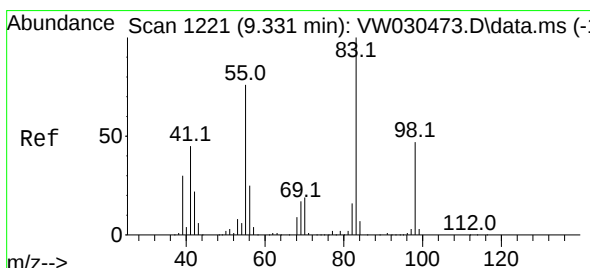
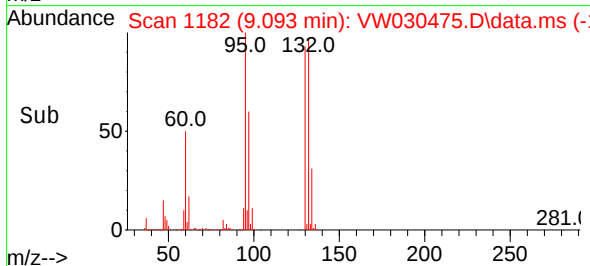
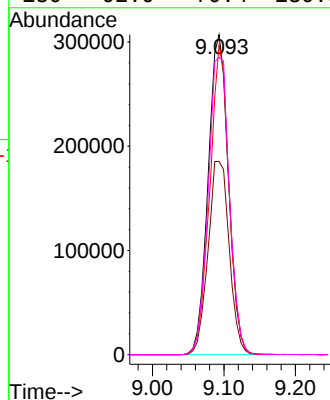
Ion Ratio Lower Upper

95 100

97 60.4 45.9 85.3

132 96.9 66.4 123.2

130 92.9 70.4 130.8



#35

Methylcyclohexane

Concen: 99.530 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

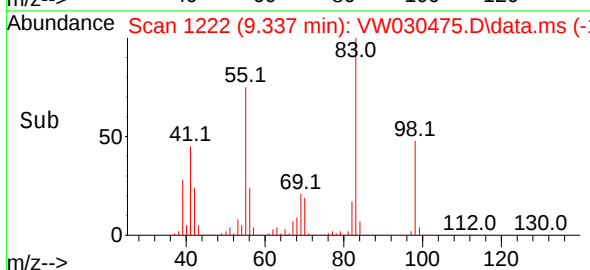
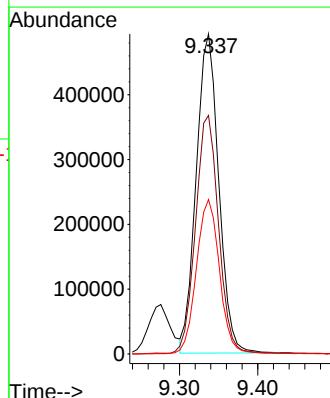
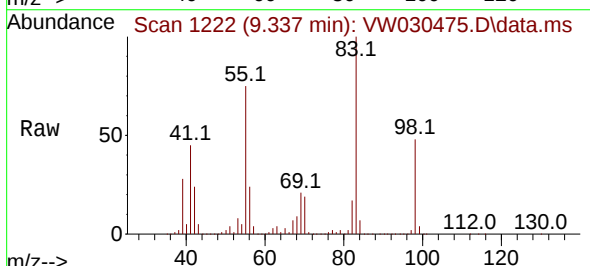
Tgt Ion: 83 Resp: 984969

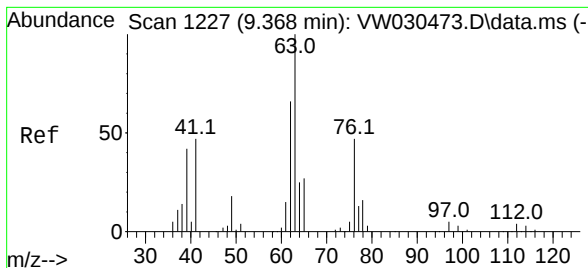
Ion Ratio Lower Upper

83 100

55 76.3 61.8 92.8

98 49.7 39.3 58.9





#37

1,2-Dichloropropane

Concen: 95.038 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

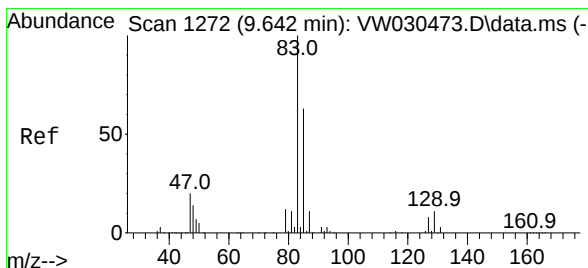
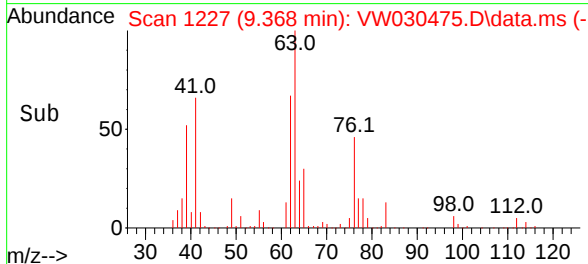
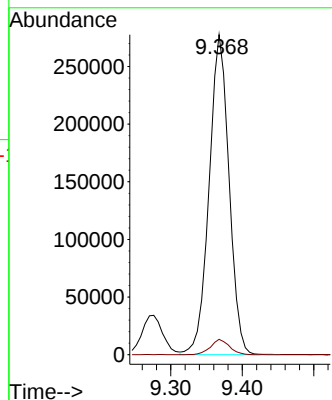
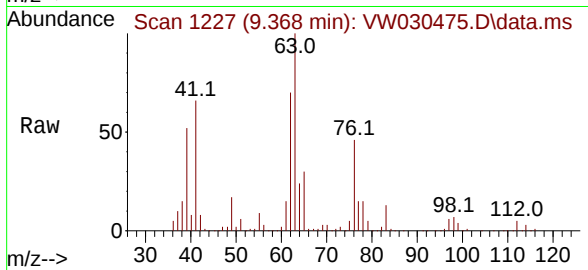
ClientSampleId :

Tgt Ion: 63 Resp: 537277

Ion Ratio Lower Upper

63 100

112 4.5 3.7 5.5



#38

Bromodichloromethane

Concen: 98.214 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

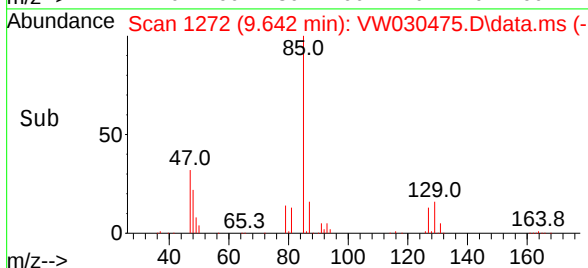
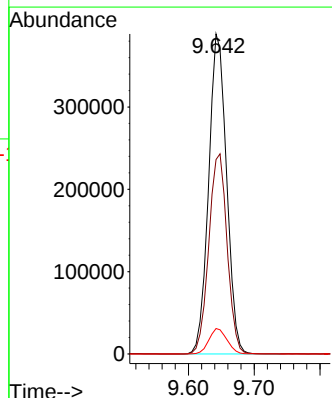
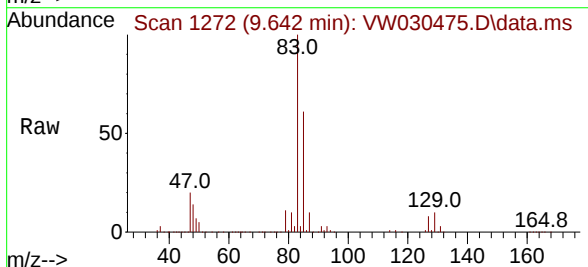
Tgt Ion: 83 Resp: 737654

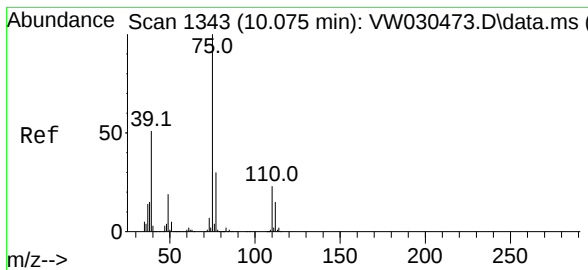
Ion Ratio Lower Upper

83 100

85 60.8 44.2 82.0

127 7.9 6.2 9.4

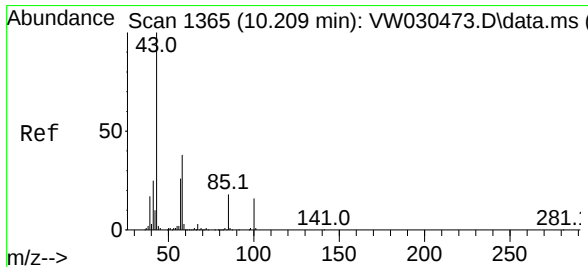
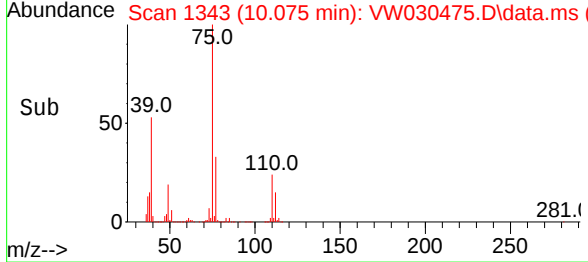
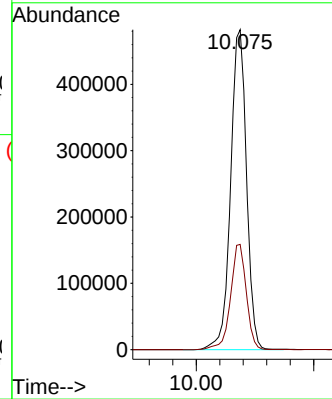
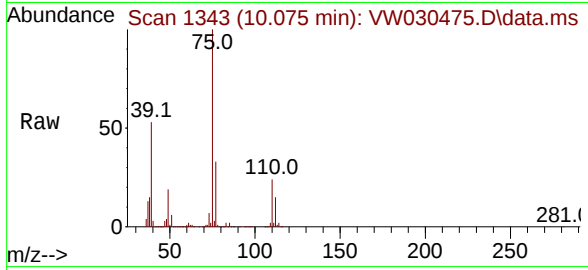




#39
 cis-1,3-Dichloropropene
 Concen: 106.413 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW030475.D
 Acq: 09 Oct 2024 15:24

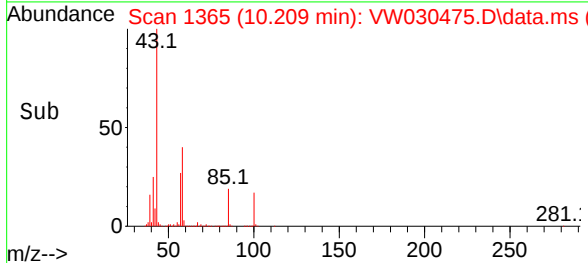
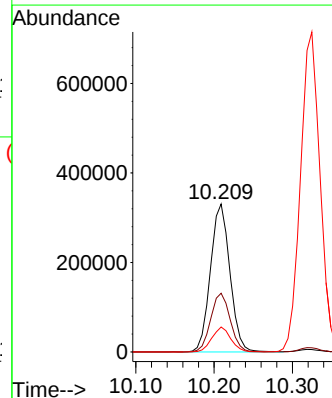
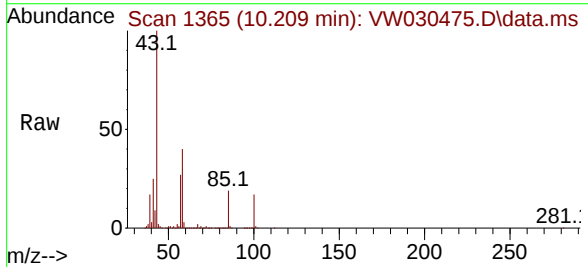
Instrument :
 MSVOA_W
 ClientSampleId :

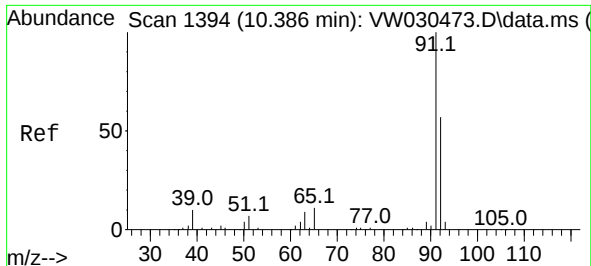
Tgt Ion: 75 Resp: 906099
 Ion Ratio Lower Upper
 75 100
 77 32.9 21.1 39.1



#40
 4-Methyl-2-pentanone
 Concen: 210.647 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030475.D
 Acq: 09 Oct 2024 15:24

Tgt Ion: 43 Resp: 571266
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.4 47.2
 100 16.3 13.1 19.7





#42

Toluene

Concen: 98.214 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

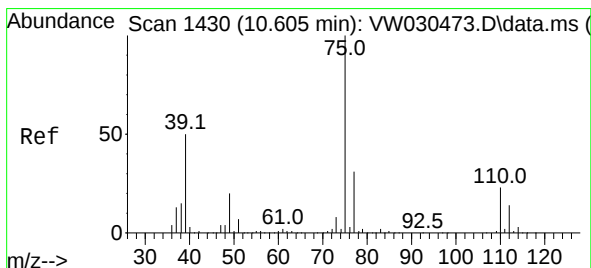
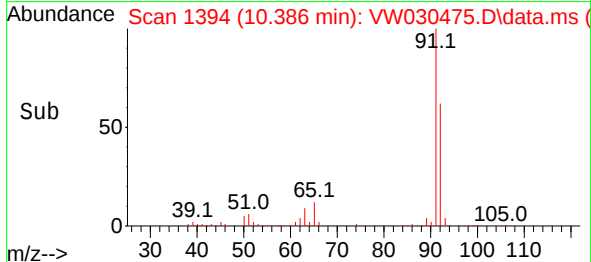
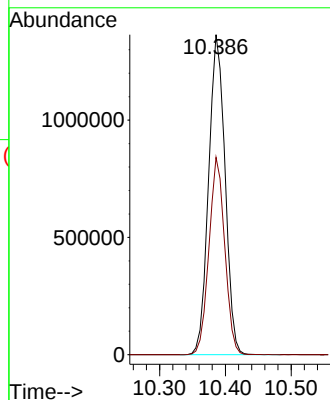
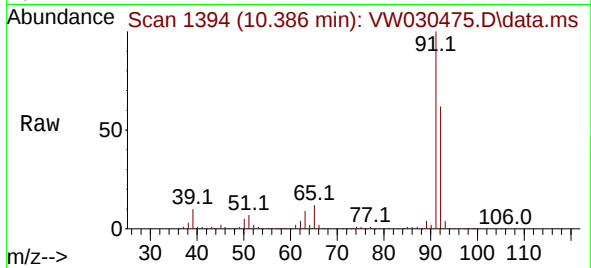
ClientSampleId :

Tgt Ion: 91 Resp: 2368290

Ion Ratio Lower Upper

91 100

92 61.7 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 106.198 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030475.D

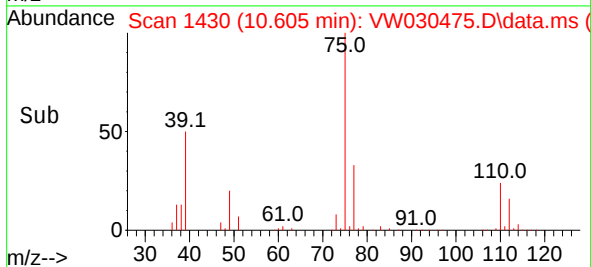
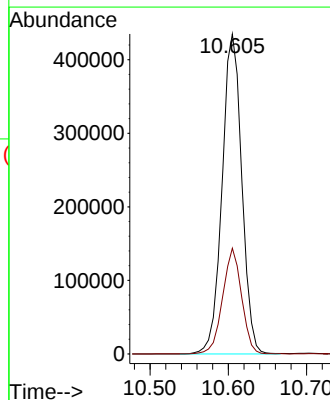
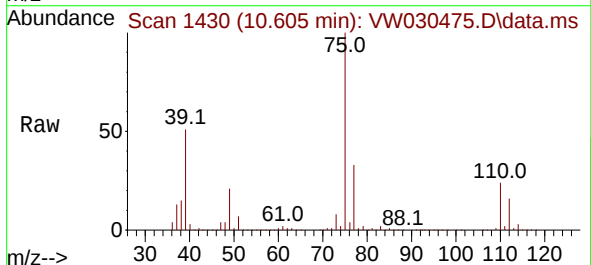
Acq: 09 Oct 2024 15:24

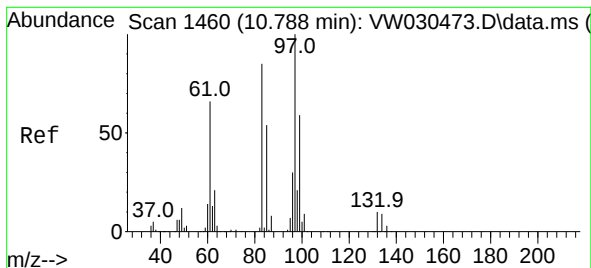
Tgt Ion: 75 Resp: 759879

Ion Ratio Lower Upper

75 100

77 33.1 21.6 40.2

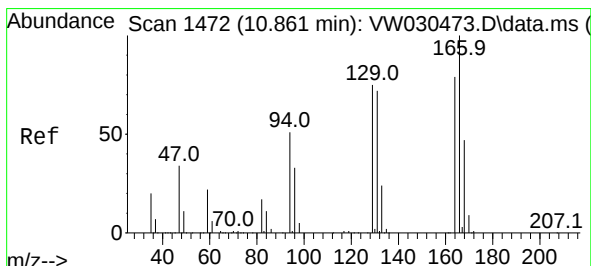
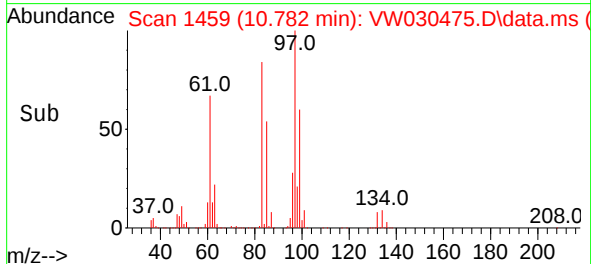
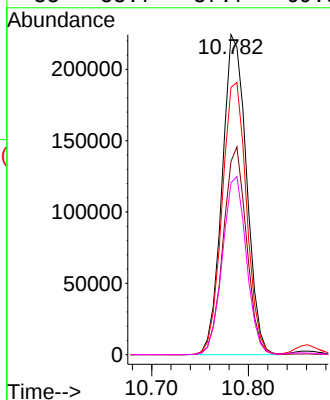
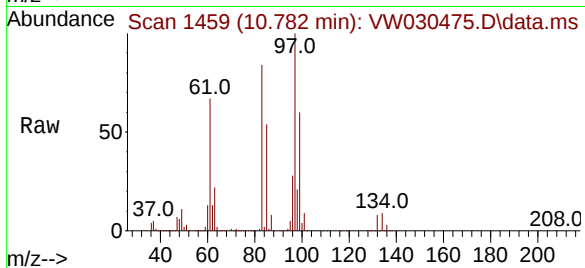




#45
1,1,2-Trichloroethane
Concen: 95.985 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

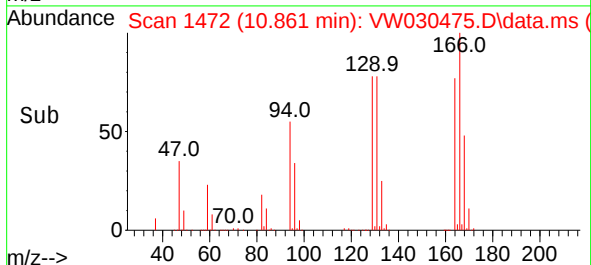
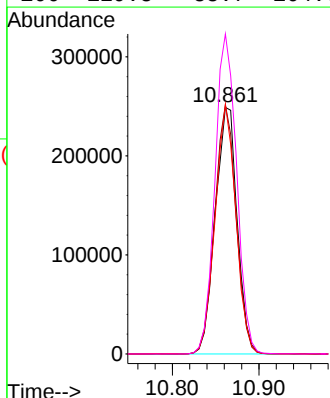
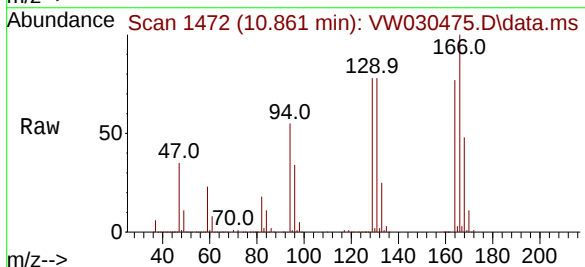
Instrument :
MSVOA_W
ClientSampleId :

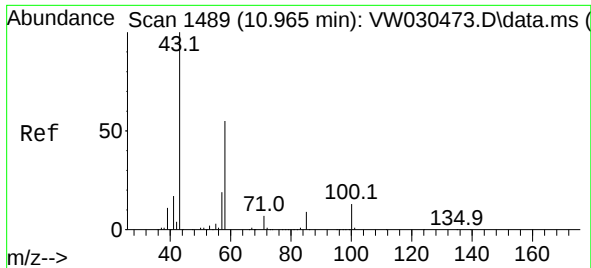
Tgt Ion: 97 Resp: 391606
Ion Ratio Lower Upper
97 100
99 60.4 41.2 76.6
83 83.5 59.6 110.6
85 53.7 37.7 69.9



#46
Tetrachloroethene
Concen: 94.608 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion:164 Resp: 438782
Ion Ratio Lower Upper
164 100
129 101.0 66.6 123.6
131 101.3 63.7 118.3
166 129.8 88.7 164.7

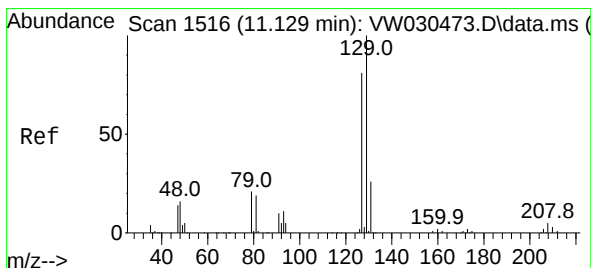
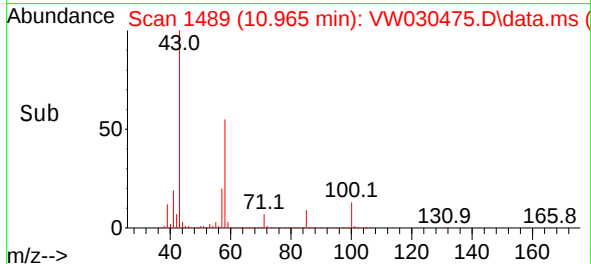
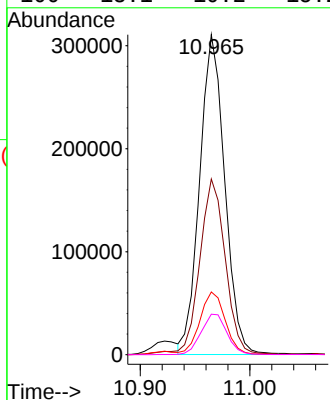
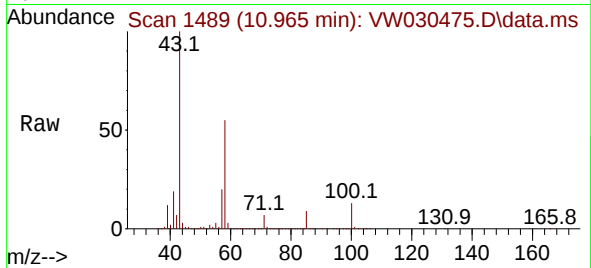




#48
2-Hexanone
Concen: 223.029 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

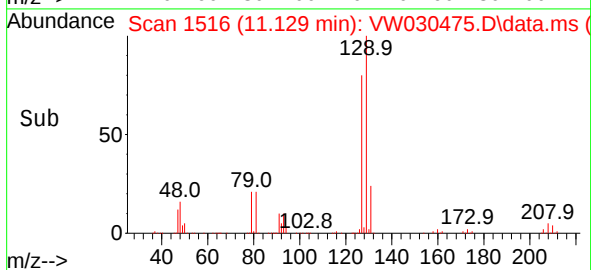
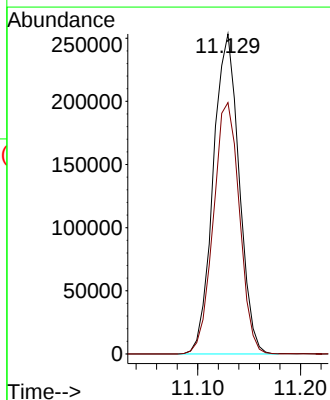
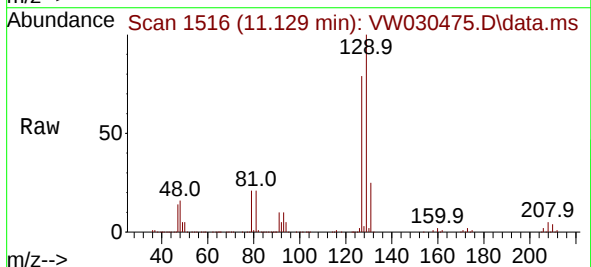
Instrument :
MSVOA_W
ClientSampleId :

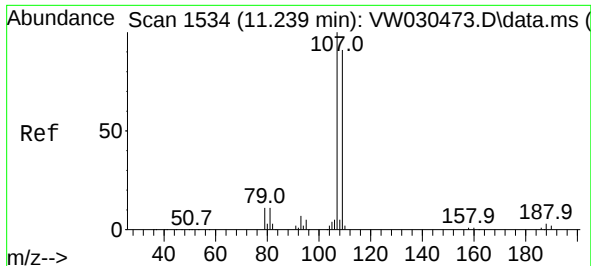
Tgt Ion: 43 Resp: 494632
Ion Ratio Lower Upper
43 100
58 55.1 44.6 67.0
57 19.8 15.8 23.8
100 13.1 10.2 15.2



#49
Dibromochloromethane
Concen: 97.259 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion:129 Resp: 442753
Ion Ratio Lower Upper
129 100
127 78.5 56.5 104.9

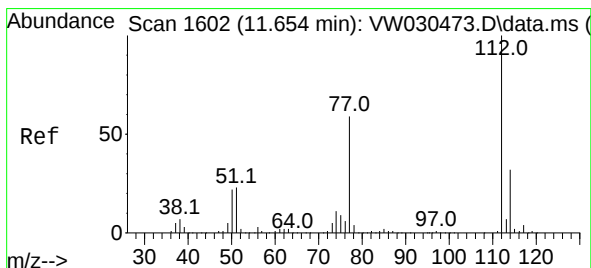
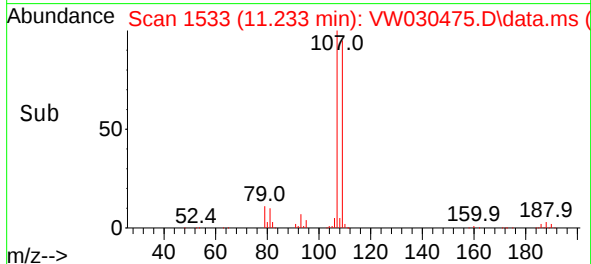
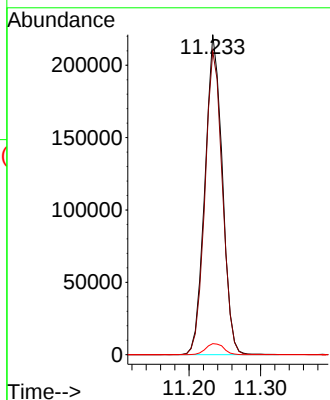
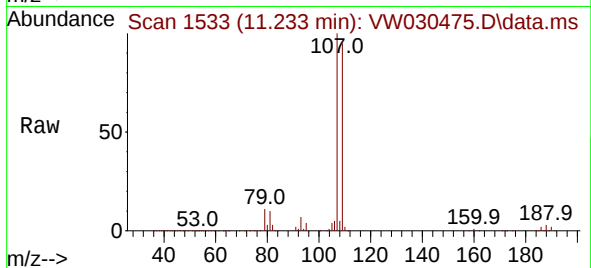




#50
1,2-Dibromoethane
Concen: 97.879 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

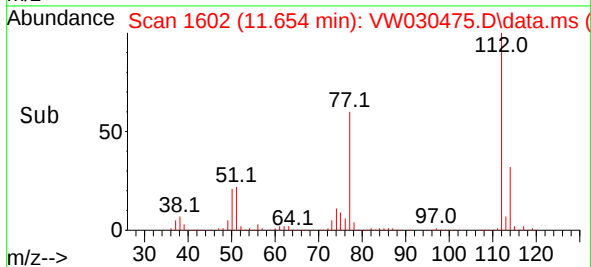
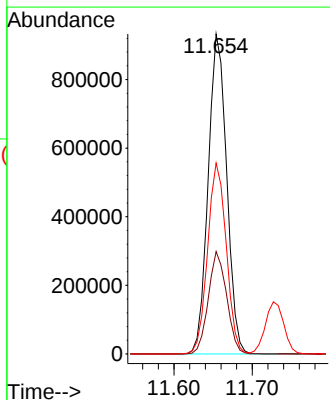
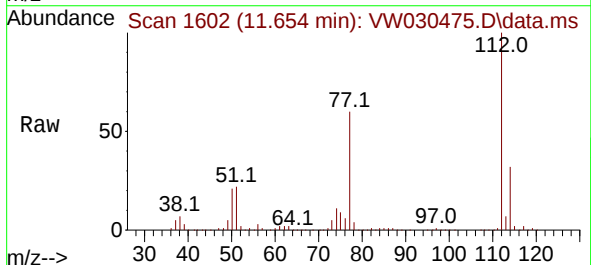
Instrument :
MSVOA_W
ClientSampleId :

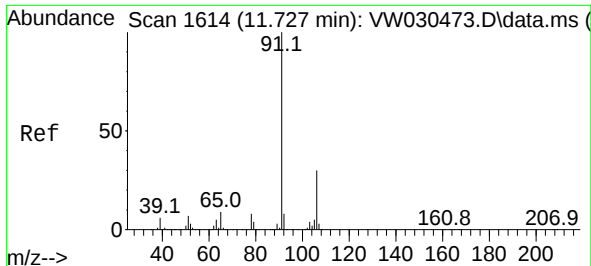
Tgt Ion:107 Resp: 372622
Ion Ratio Lower Upper
107 100
109 94.8 63.8 118.6
188 3.5 2.6 3.8



#51
Chlorobenzene
Concen: 98.584 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion:112 Resp: 1530299
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 59.6 47.1 70.7





#52

Ethylbenzene

Concen: 101.043 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

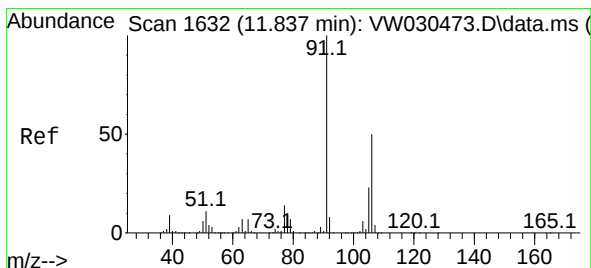
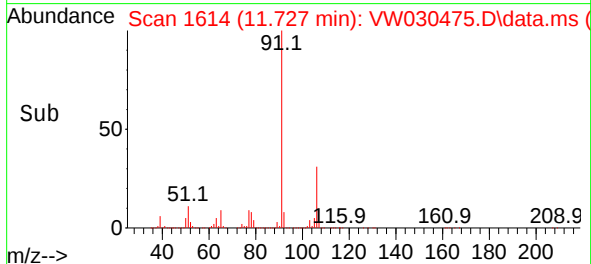
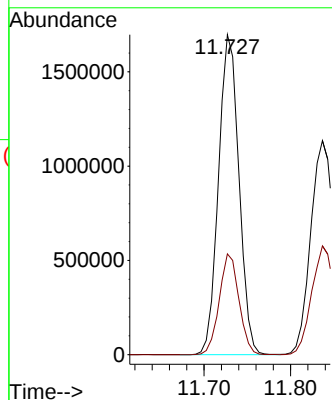
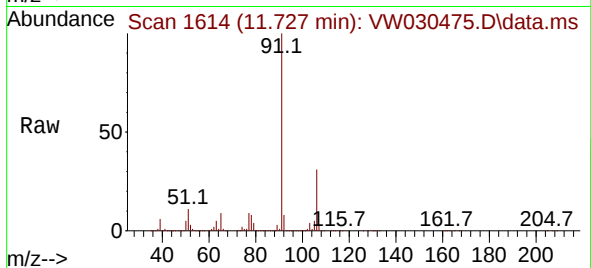
ClientSampleId :

Tgt Ion: 91 Resp: 2780226

Ion Ratio Lower Upper

91 100

106 31.5 21.1 39.1



#53

m,p-Xylene

Concen: 102.697 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030475.D

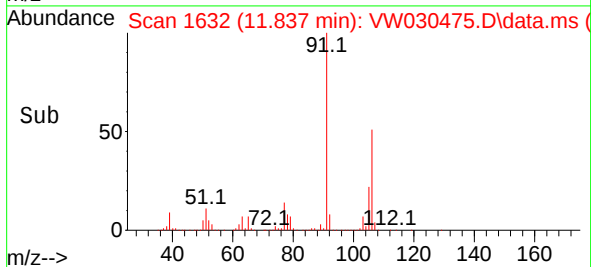
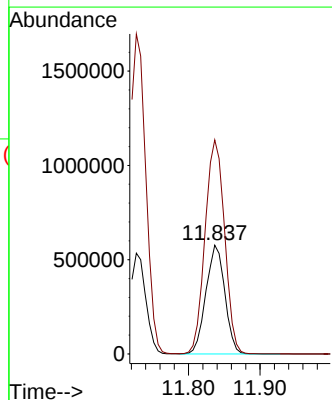
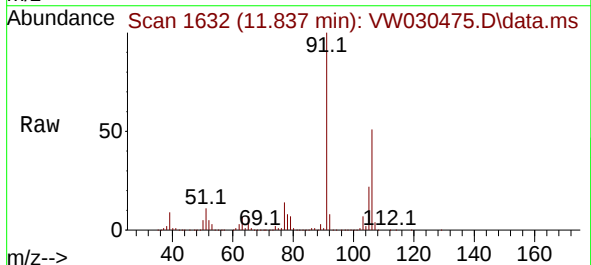
Acq: 09 Oct 2024 15:24

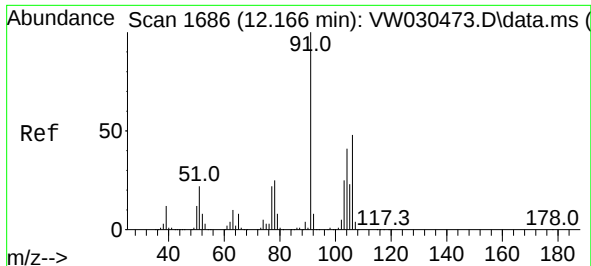
Tgt Ion:106 Resp: 1058639

Ion Ratio Lower Upper

106 100

91 196.8 140.6 261.2

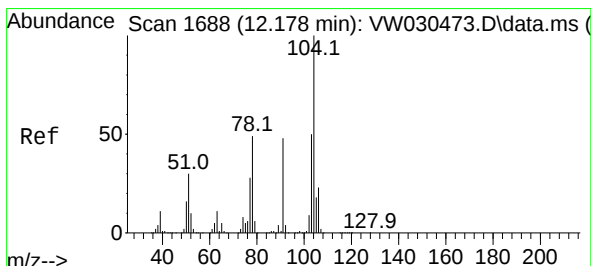
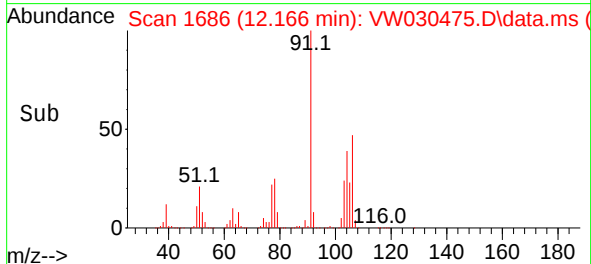
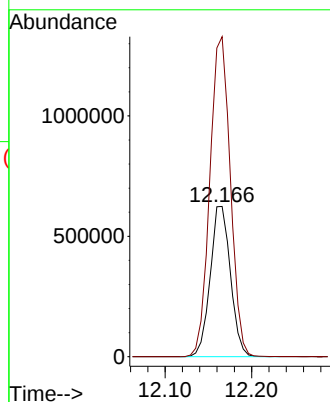
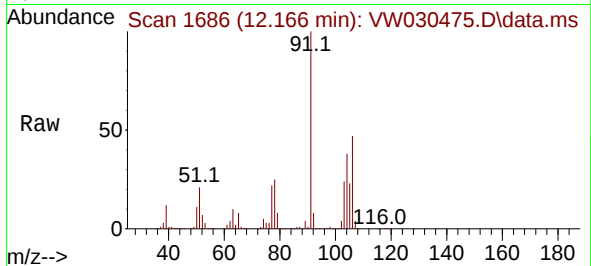




#54
o-Xylene
Concen: 106.222 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

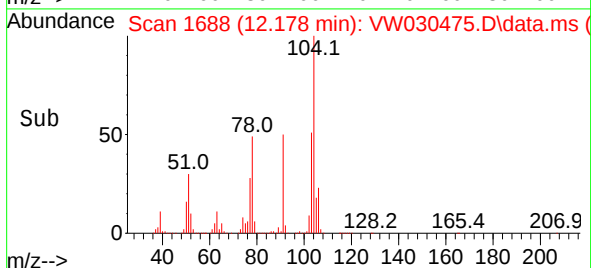
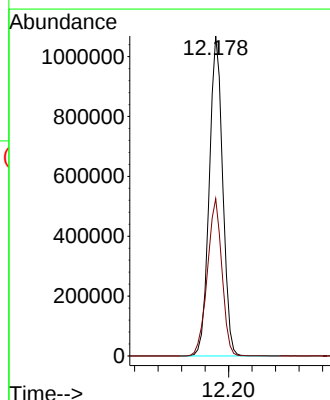
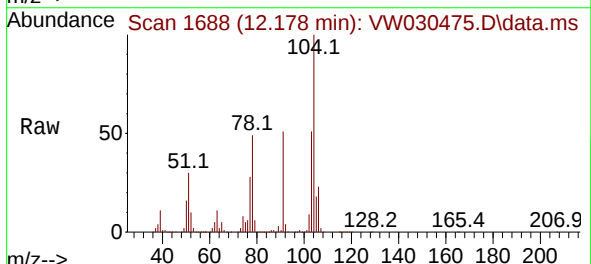
Instrument :
MSVOA_W
ClientSampleId :

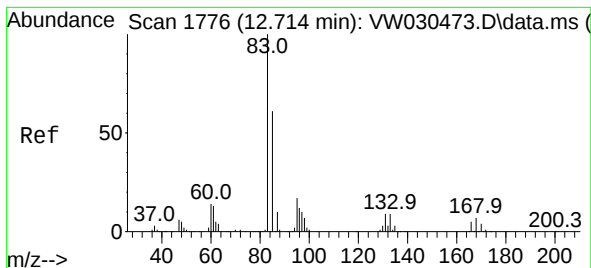
Tgt Ion:106 Resp: 1012315
Ion Ratio Lower Upper
106 100
91 213.1 144.5 268.4



#55
Styrene
Concen: 104.396 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion:104 Resp: 1700826
Ion Ratio Lower Upper
104 100
78 49.1 34.3 63.7





#57

1,1,2,2-Tetrachloroethane

Concen: 94.232 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

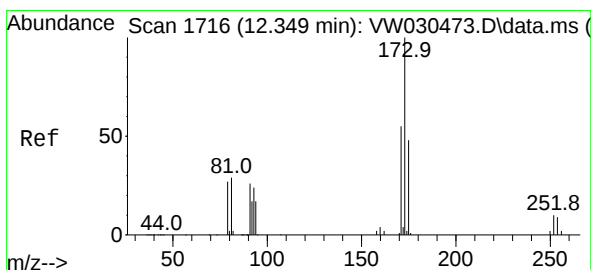
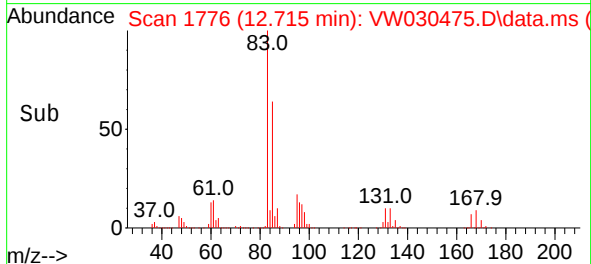
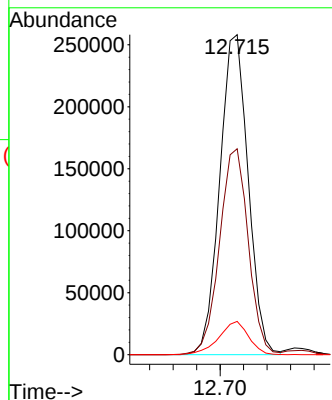
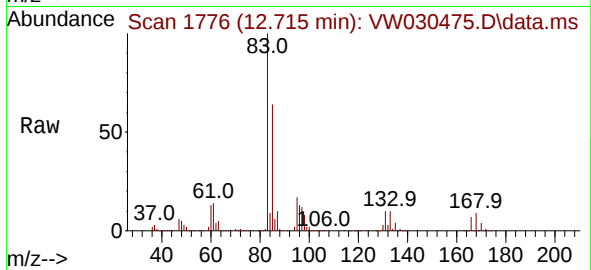
Tgt Ion: 83 Resp: 433547

Ion Ratio Lower Upper

83 100

85 64.3 42.6 79.2

131 10.4 7.4 11.0



#59

Bromoform

Concen: 102.935 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

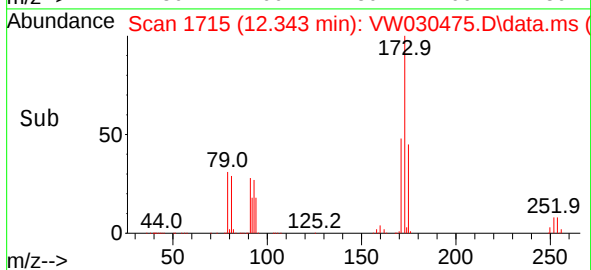
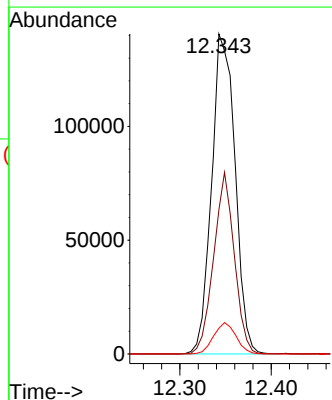
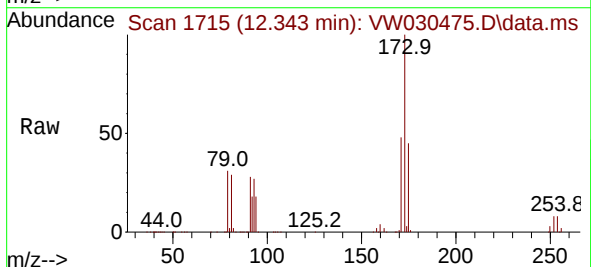
Tgt Ion:173 Resp: 250163

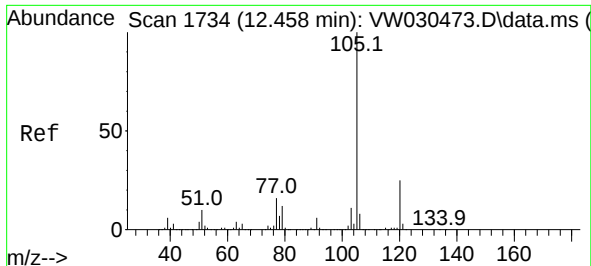
Ion Ratio Lower Upper

173 100

175 50.0 39.0 58.4

254 9.4 7.7 11.5

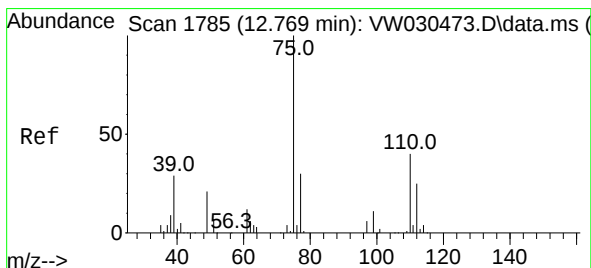
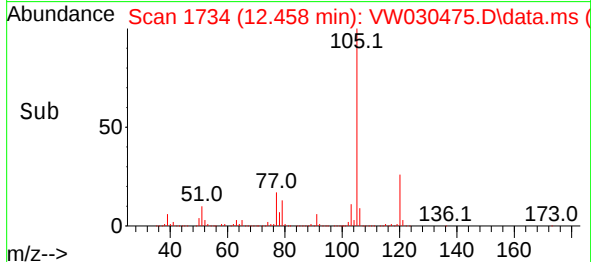
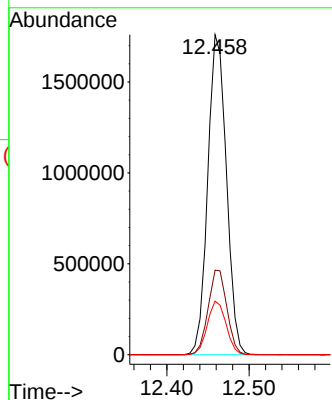
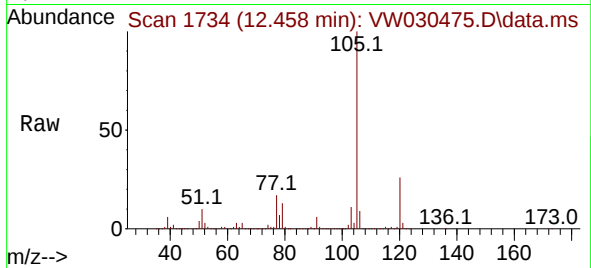




#60
Isopropylbenzene
Concen: 103.482 ug/L
RT: 12.458 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

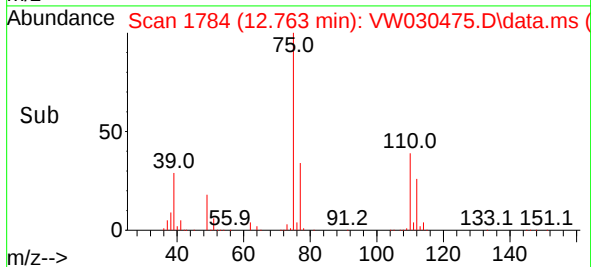
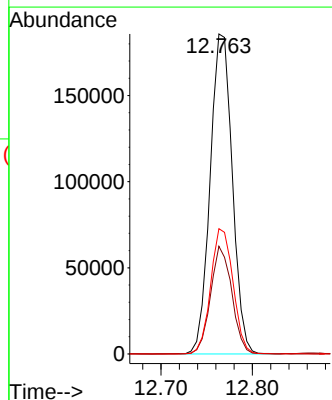
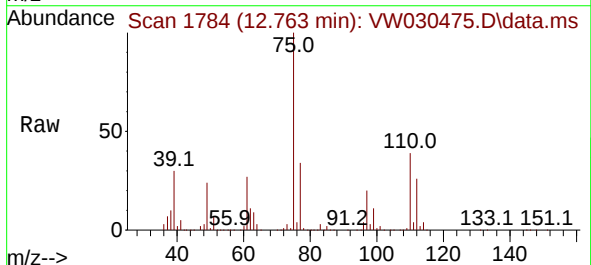
Instrument :
MSVOA_W
ClientSampleId :

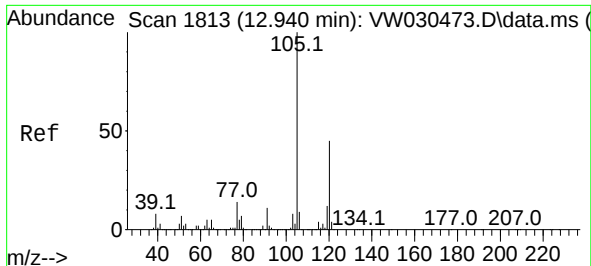
Tgt Ion:105 Resp: 2772045
Ion Ratio Lower Upper
105 100
120 26.6 20.6 31.0
77 16.8 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 92.888 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion: 75 Resp: 312658
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 39.4 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 109.470 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

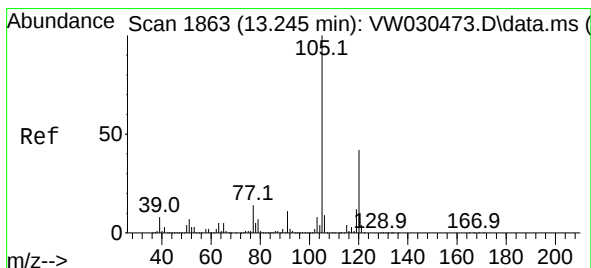
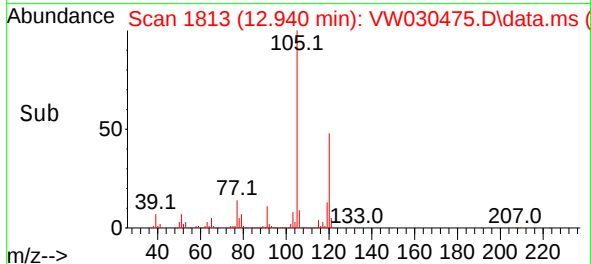
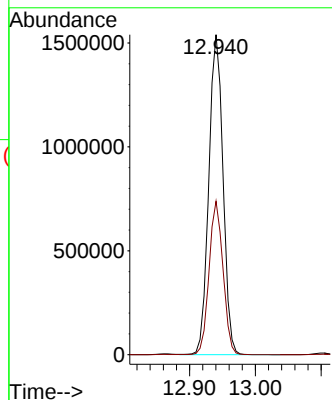
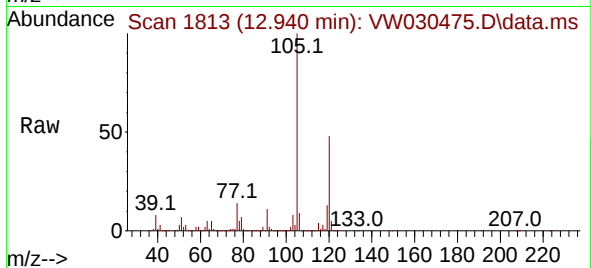
ClientSampleId :

Tgt Ion:105 Resp: 2313506

Ion Ratio Lower Upper

105 100

120 47.1 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 106.191 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030475.D

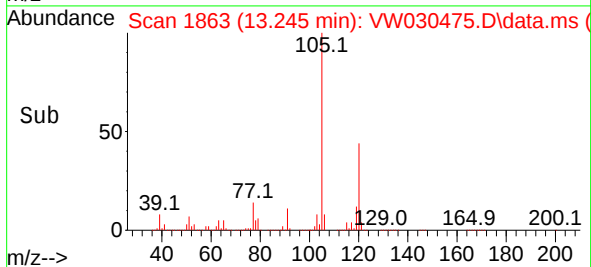
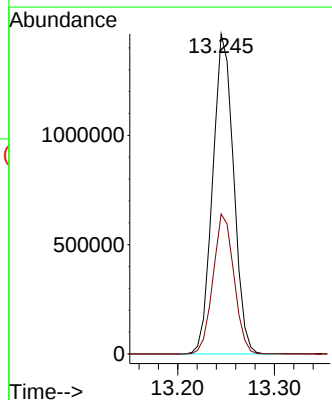
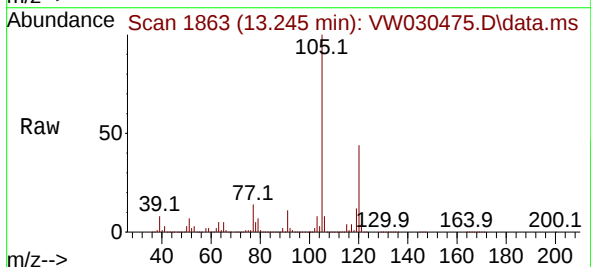
Acq: 09 Oct 2024 15:24

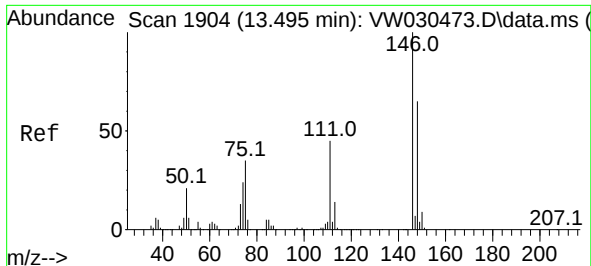
Tgt Ion:105 Resp: 2197305

Ion Ratio Lower Upper

105 100

120 43.8 35.8 53.6





#64

1,3-Dichlorobenzene

Concen: 96.405 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

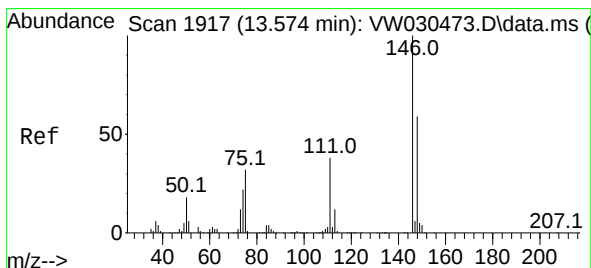
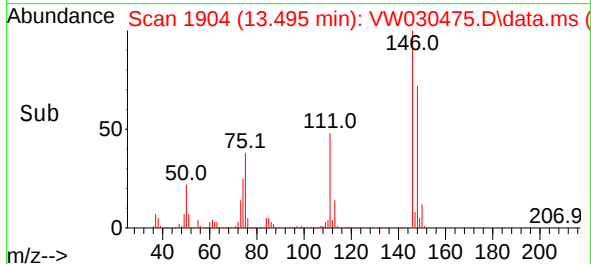
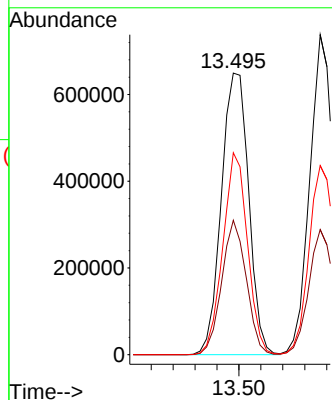
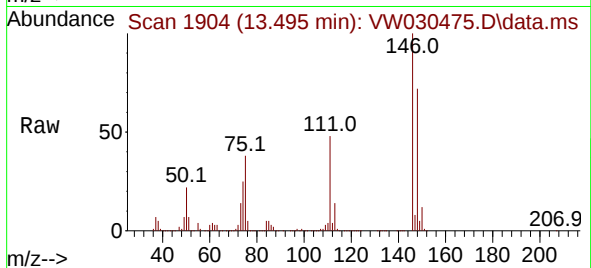
Tgt Ion:146 Resp: 1124090

Ion Ratio Lower Upper

146 100

111 47.7 31.2 58.0

148 71.7 45.7 84.9



#65

1,4-Dichlorobenzene

Concen: 94.576 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

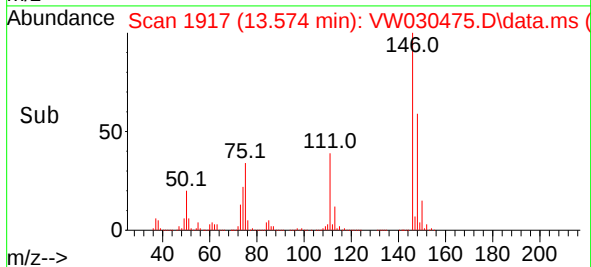
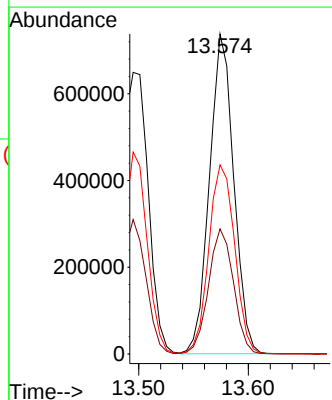
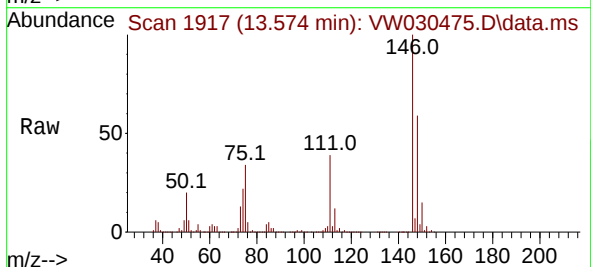
Tgt Ion:146 Resp: 1138665

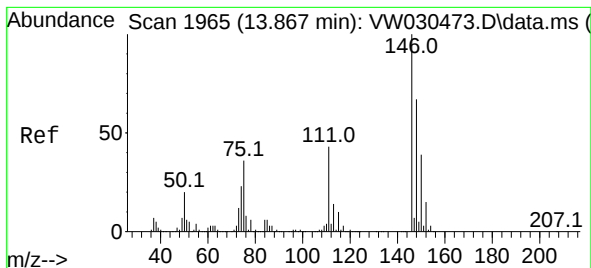
Ion Ratio Lower Upper

146 100

111 39.1 26.8 49.8

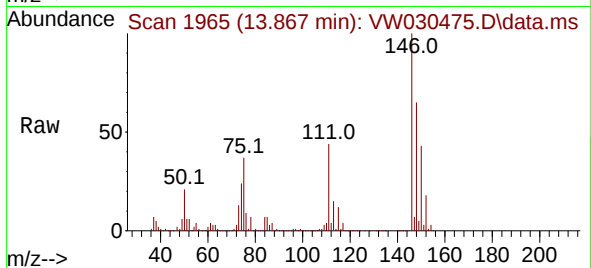
148 59.1 41.0 76.2



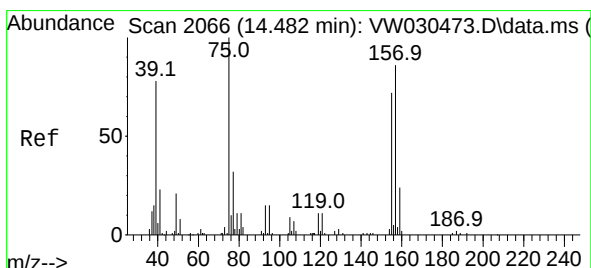
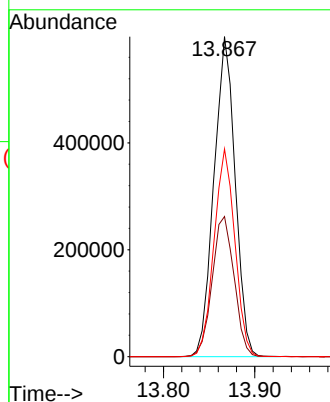
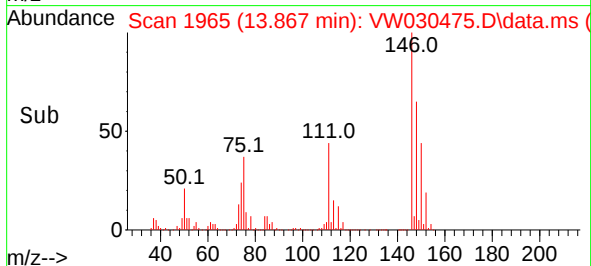


#67
1,2-Dichlorobenzene
Concen: 94.083 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Instrument :
MSVOA_W
ClientSampleId :

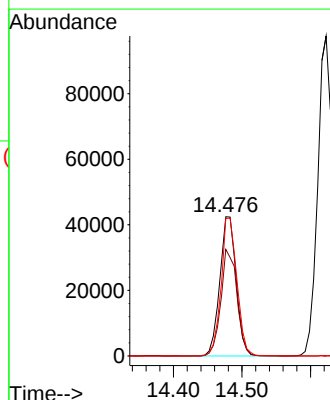
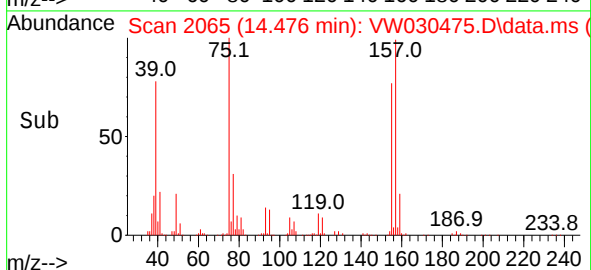
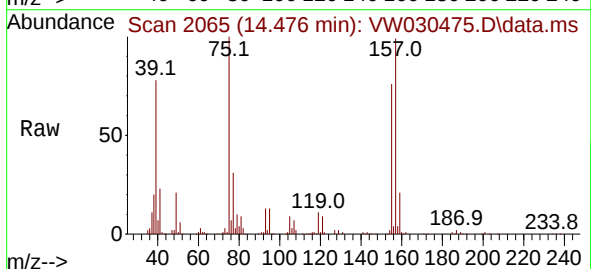


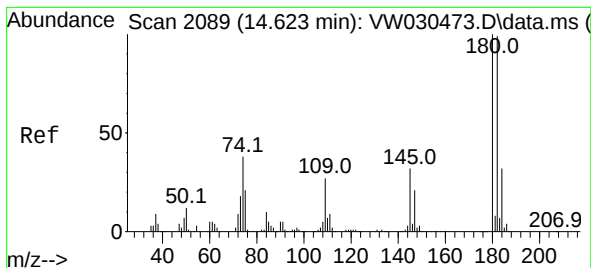
Tgt Ion:146 Resp: 965333
Ion Ratio Lower Upper
146 100
111 43.8 34.6 52.0
148 64.9 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 93.569 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030475.D
Acq: 09 Oct 2024 15:24

Tgt Ion: 75 Resp: 70246
Ion Ratio Lower Upper
75 100
155 76.5 57.9 86.9
157 98.7 69.0 103.6





#69

1,3,5-Trichlorobenzene

Concen: 98.932 ug/L

RT: 14.629 min Scan# 2089

Delta R.T. 0.006 min

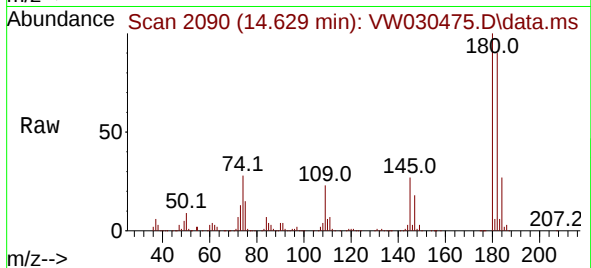
Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 760686

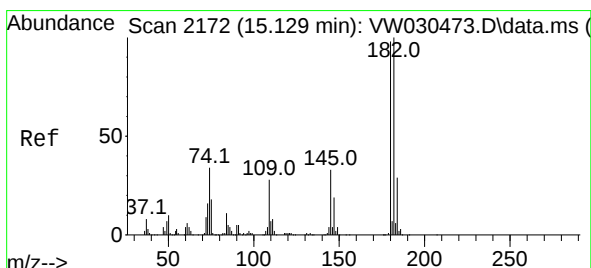
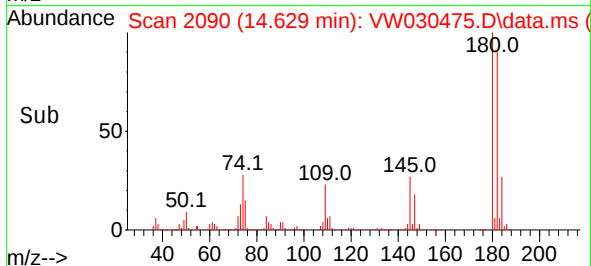
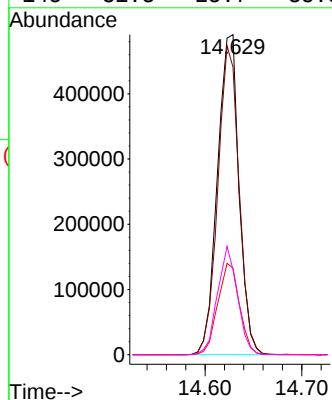
Ion Ratio Lower Upper

180 100

182 94.7 79.9 119.9

184 28.7 25.2 37.8

145 31.3 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 104.571 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

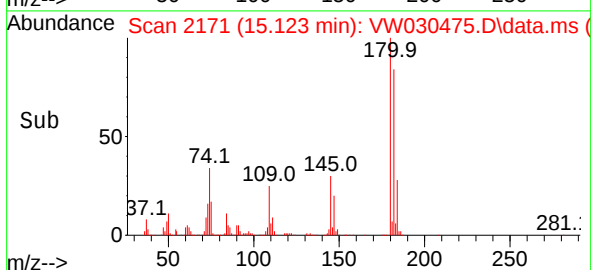
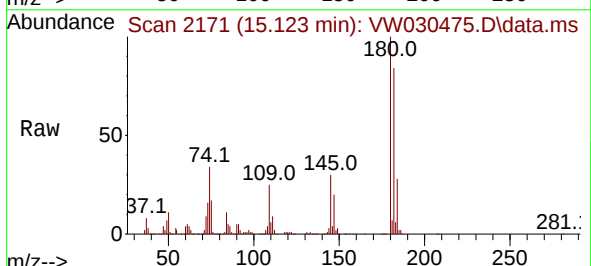
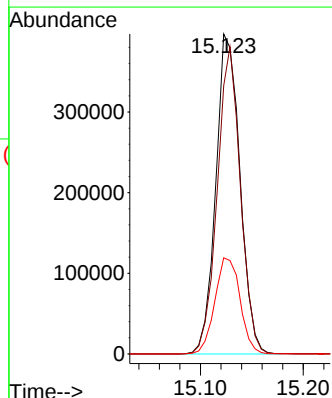
Tgt Ion:180 Resp: 647289

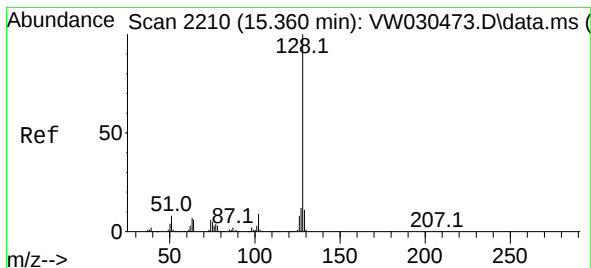
Ion Ratio Lower Upper

180 100

182 91.9 75.2 112.8

145 31.4 25.4 38.2





#71

Naphthalene

Concen: 114.125 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Instrument :

MSVOA_W

ClientSampleId :

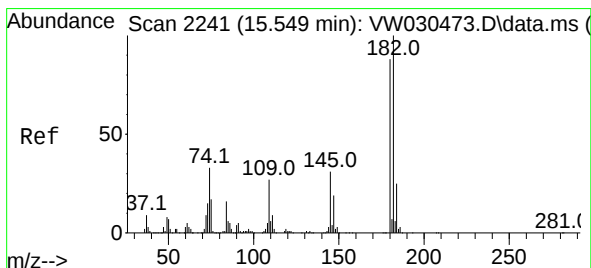
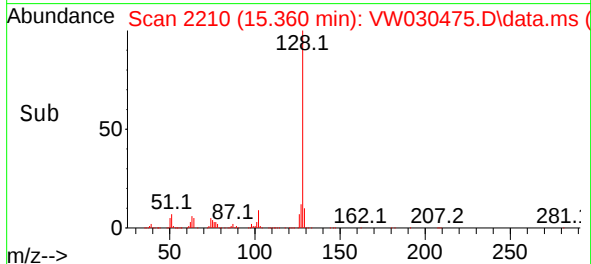
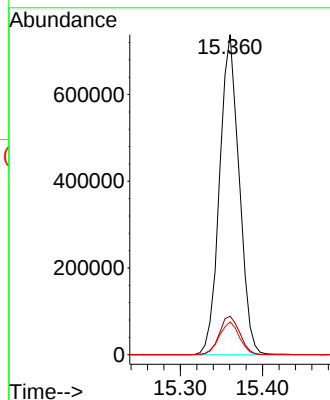
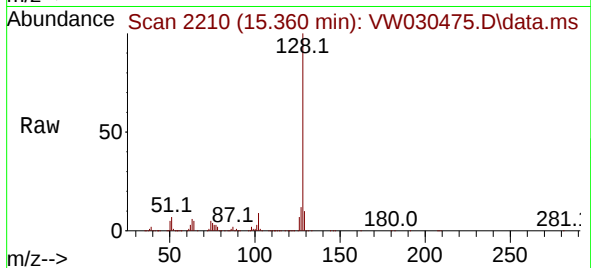
Tgt Ion:128 Resp: 1220473

Ion Ratio Lower Upper

128 100

127 12.6 10.9 16.3

129 10.5 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 99.166 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030475.D

Acq: 09 Oct 2024 15:24

Tgt Ion:180 Resp: 532139

Ion Ratio Lower Upper

180 100

182 93.0 76.2 114.4

145 33.1 27.4 41.2

