

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080124\
 Data File : VW029830.D
 Acq On : 01 Aug 2024 16:32
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025566

Quant Time: Aug 02 01:47:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	229752	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	219072	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110285	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	60097	18.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.680%
7) Chloroethane-d5	3.039	69	201	0.086	ug/L	0.15
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.360%#
11) 1,1-Dichloroethene-d2	4.021	65	29992	20.144	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.560%
21) 2-Butanone-d5	7.069	46	56765	63.496	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.000%
24) Chloroform-d	7.648	84	167825	28.218	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.880%
26) 1,2-Dichloroethane-d4	8.300	65	100612	29.700	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.800%
32) Benzene-d6	8.270	84	304244	25.703	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.800%
36) 1,2-Dichloropropane-d6	9.270	67	103102	27.279	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.120%
41) Toluene-d8	10.318	98	270610	25.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	102.840%
43) trans-1,3-Dichloroprop...	10.574	79	40506	26.485	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.922	63	41529	66.636	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.280%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	88983	31.707	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.840%#
66) 1,2-Dichlorobenzene-d4	13.848	152	91574	26.741	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	80297	25.928	ug/L	93
3) Chloromethane	2.228	50	106332	27.747	ug/L	98
5) Vinyl chloride	2.381	62	109944	25.604	ug/L	98
6) Bromomethane	2.789	94	65163	27.637	ug/L	99
8) Chloroethane	2.929	64	69958	28.639	ug/L	99
9) Trichlorofluoromethane	3.265	101	81120	23.651	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.069	101	80585	23.590	ug/L	90
12) 1,1-Dichloroethene	4.051	96	83946	26.745	ug/L	96
13) Acetone	4.118	43	46875	42.192	ug/L	99
14) Carbon disulfide	4.393	76	279261	26.736	ug/L	100
15) Methyl Acetate	4.667	43	60275	32.572	ug/L	99
16) Methylene chloride	4.923	84	106291	22.130	ug/L	97
17) trans-1,2-Dichloroethene	5.423	96	96053	28.399	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	166499	29.868	ug/L	98
19) 1,1-Dichloroethane	6.215	63	205900	28.863	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	108307	29.520	ug/L	95
22) 2-Butanone	7.166	43	78052	54.830	ug/L	99
23) Bromochloromethane	7.508	128	47935	30.775	ug/L	92
25) Chloroform	7.672	83	201825	30.029	ug/L	100

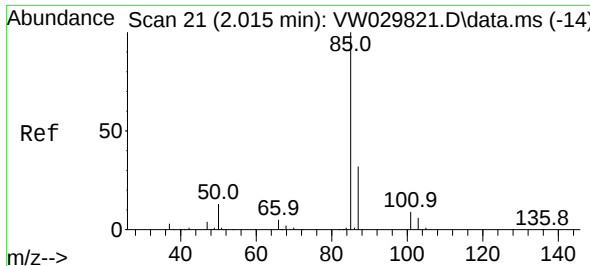
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080124\
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 Quant Title : SFAM01.0
 QLast Update : Fri Aug 02 01:45:39 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	151705	30.972	ug/L	99
29) Cyclohexane	7.953	56	159221	25.575	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	149024	26.862	ug/L	98
31) Carbon tetrachloride	8.069	117	136268	27.260	ug/L	99
33) Benzene	8.319	78	432129	28.789	ug/L	100
34) Trichloroethene	9.087	95	106458	27.055	ug/L	96
35) Methylcyclohexane	9.331	83	169136	25.796	ug/L	97
37) 1,2-Dichloropropane	9.361	63	121853	29.624	ug/L	100
38) Bromodichloromethane	9.642	83	147996	30.214	ug/L	95
39) cis-1,3-Dichloropropene	10.068	75	172045	28.720	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	175320	67.102	ug/L	100
42) Toluene	10.385	91	439744	28.701	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	148661	29.894	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	85406	30.906	ug/L	96
46) Tetrachloroethene	10.861	164	71079	24.853	ug/L	96
48) 2-Hexanone	10.965	43	121449	62.064	ug/L	99
49) Dibromochloromethane	11.123	129	89517	31.204	ug/L	96
50) 1,2-Dibromoethane	11.233	107	77083	30.148	ug/L	96
51) Chlorobenzene	11.653	112	265826	27.893	ug/L	96
52) Ethylbenzene	11.727	91	497505	28.786	ug/L	99
53) m,p-Xylene	11.836	106	180878	28.457	ug/L	95
54) o-Xylene	12.159	106	167791	28.666	ug/L	88
55) Styrene	12.178	104	307818	30.339	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	104696	30.868	ug/L #	96
59) Bromoform	12.342	173	52012	31.343	ug/L	100
60) Isopropylbenzene	12.458	105	463608	27.166	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	80343	29.953	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	386831	30.496	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	380694	28.062	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	202171	27.766	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	199430	26.665	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	184023	27.760	ug/L	89
68) 1,2-Dibromo-3-chloropr...	14.476	75	18341	30.115	ug/L	92
69) 1,3,5-Trichlorobenzene	14.622	180	134107	26.920	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	112097	26.709	ug/L	97
71) Naphthalene	15.360	128	247745	30.937	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	103087	27.138	ug/L	98

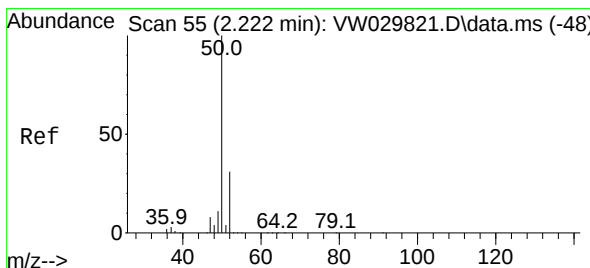
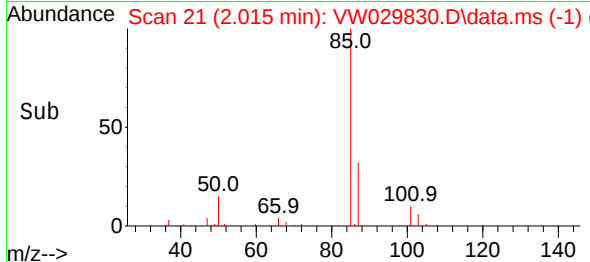
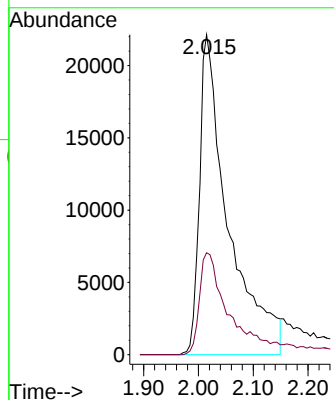
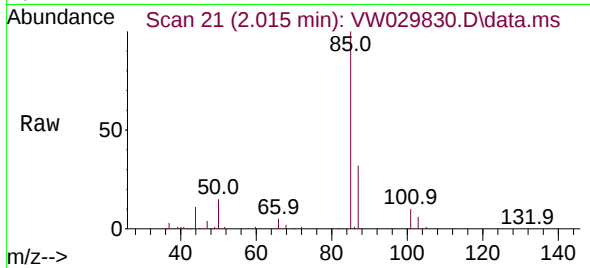
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 25.928 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

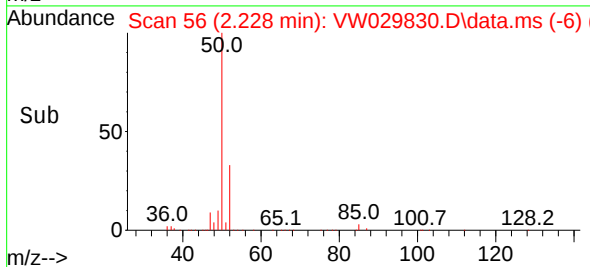
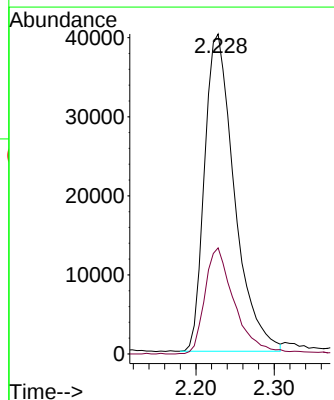
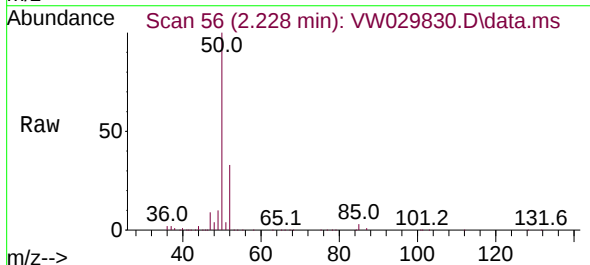
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

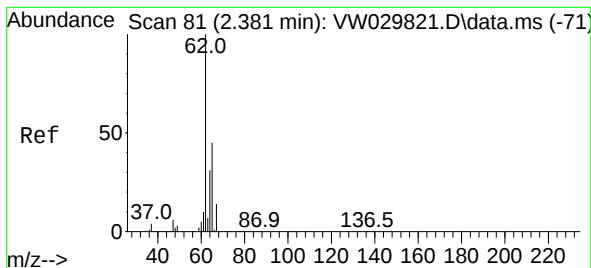
Tgt Ion: 85 Resp: 80297
Ion Ratio Lower Upper
85 100
87 28.1 25.5 38.3



#3
Chloromethane
Concen: 27.747 ug/L
RT: 2.228 min Scan# 56
Delta R.T. 0.006 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion: 50 Resp: 106332
Ion Ratio Lower Upper
50 100
52 33.2 22.5 41.9





#5

Vinyl chloride

Concen: 25.604 ug/L

RT: 2.381 min Scan# 81

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

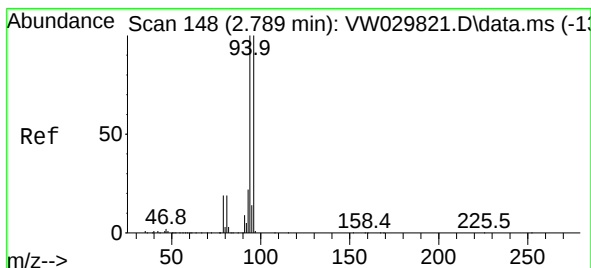
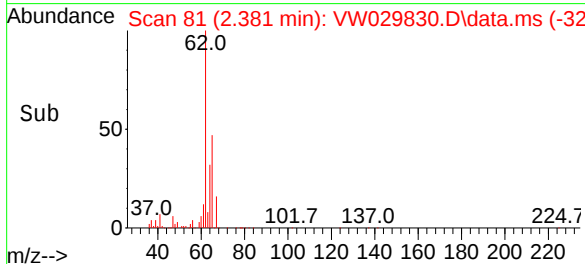
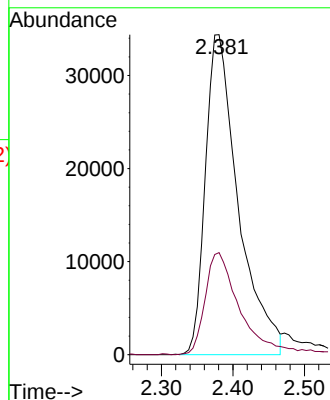
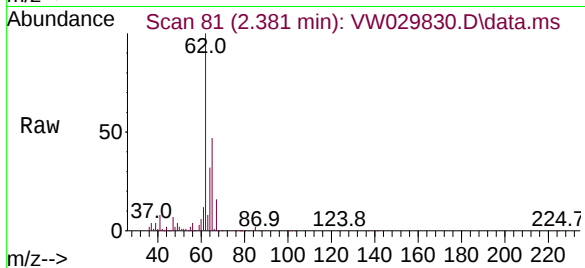
VSTD025566

Tgt Ion: 62 Resp: 109944

Ion Ratio Lower Upper

62 100

64 31.9 23.2 43.2



#6

Bromomethane

Concen: 27.637 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.000 min

Lab File: VW029830.D

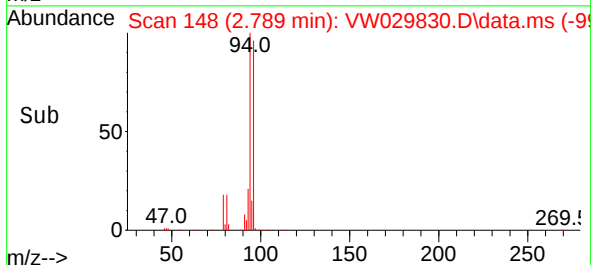
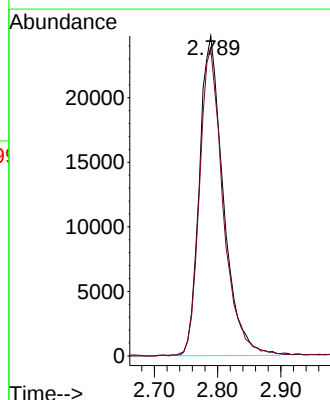
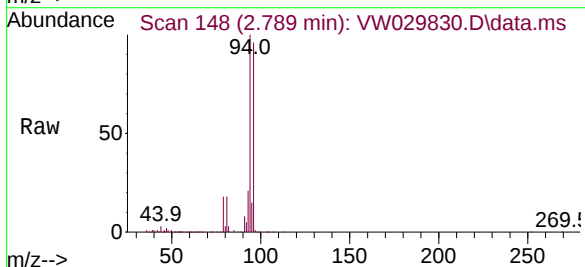
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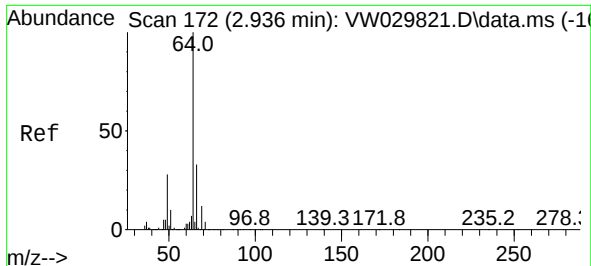
Tgt Ion: 94 Resp: 65163

Ion Ratio Lower Upper

94 100

96 96.0 66.2 123.0

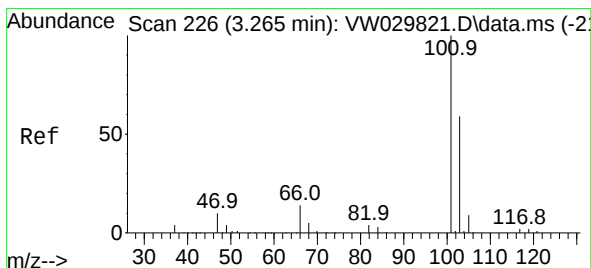
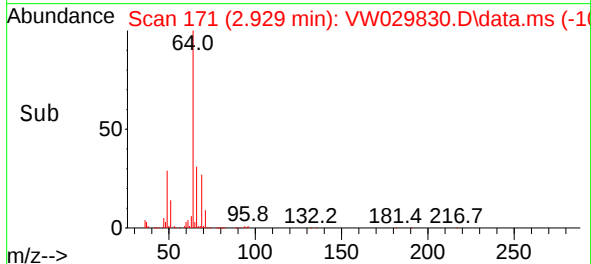
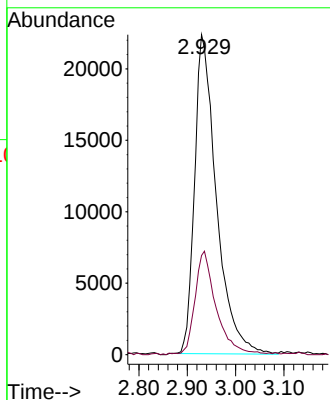
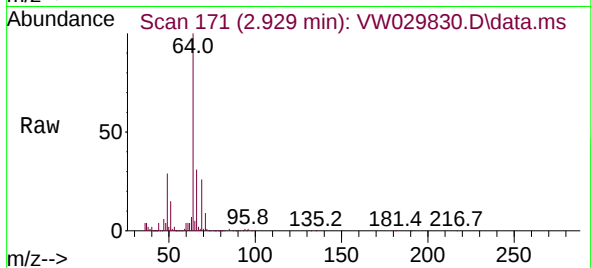




#8
Chloroethane
Concen: 28.639 ug/L
RT: 2.929 min Scan# 171
Delta R.T. -0.006 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

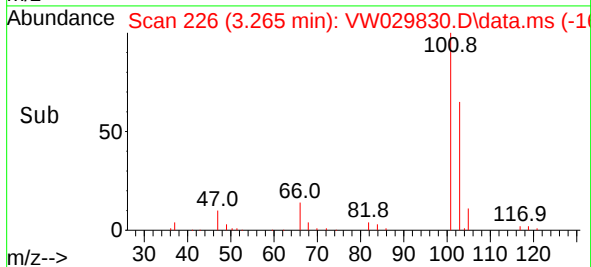
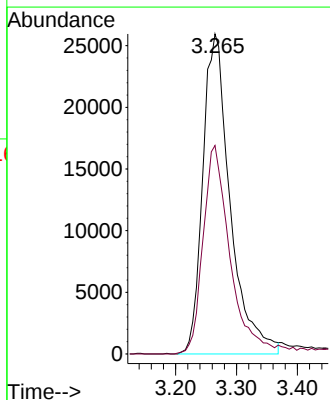
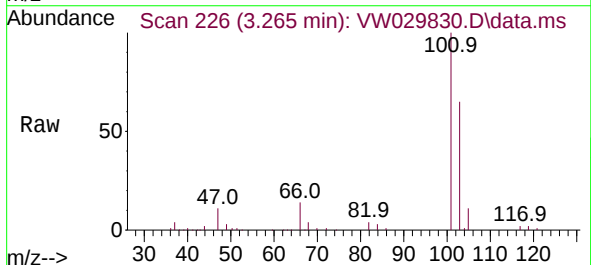
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

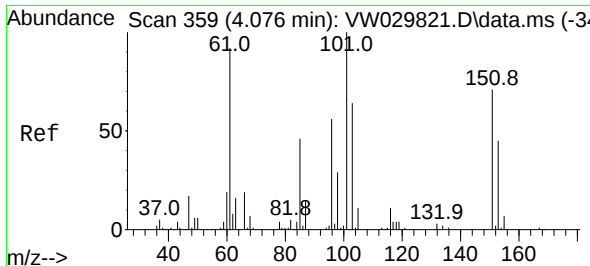
Tgt Ion: 64 Resp: 69958
Ion Ratio Lower Upper
64 100
66 31.0 21.2 39.4



#9
Trichlorofluoromethane
Concen: 23.651 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion: 101 Resp: 81120
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.4





#10

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

Concen: 23.590 ug/L

RT: 4.069 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

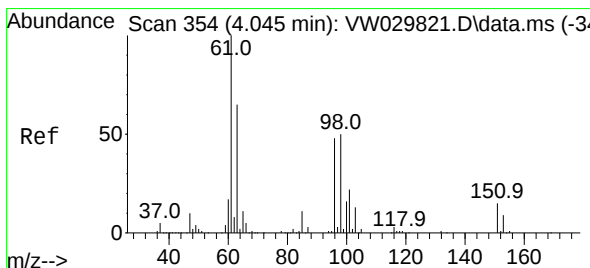
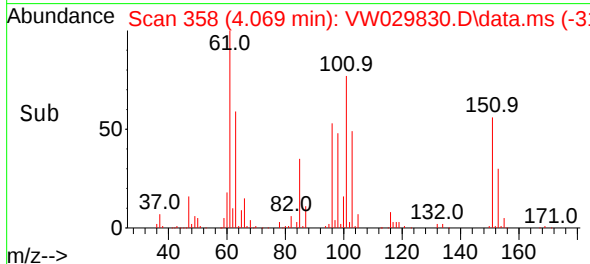
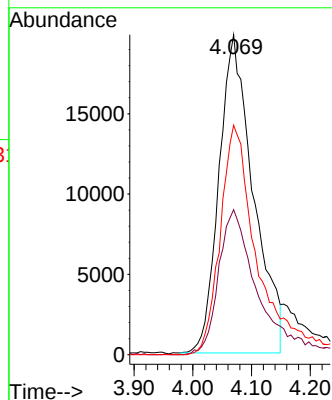
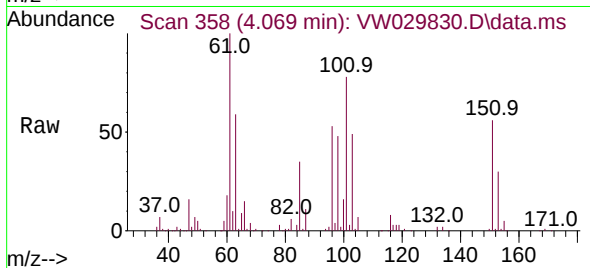
Tgt Ion:101 Resp: 80585

Ion Ratio Lower Upper

101 100

85 49.0 34.2 51.4

151 75.7 54.2 81.2



#12

1,1-Dichloroethene

Concen: 26.745 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

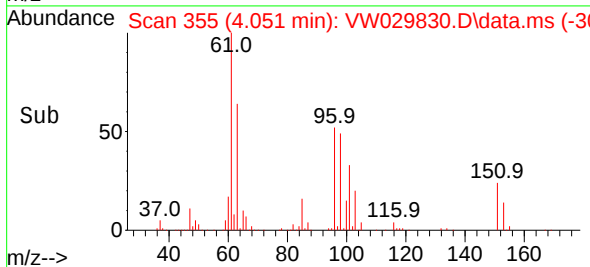
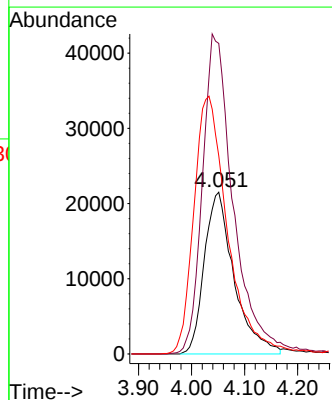
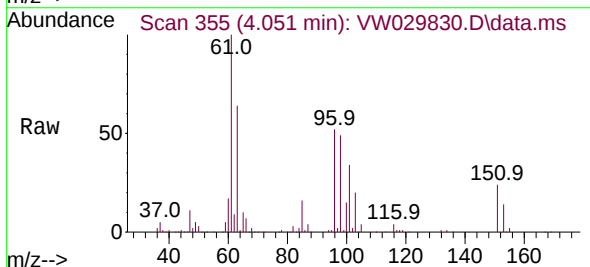
Tgt Ion: 96 Resp: 83946

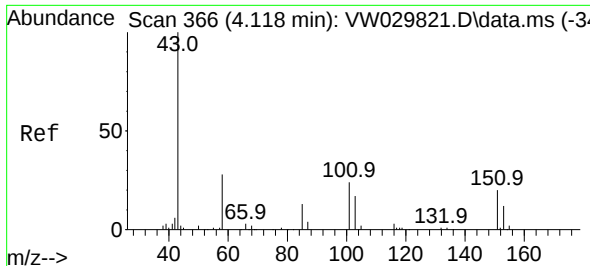
Ion Ratio Lower Upper

96 100

61 192.0 138.3 256.9

63 122.5 89.0 165.4





#13

Acetone

Concen: 42.192 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

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ClientSampleId :

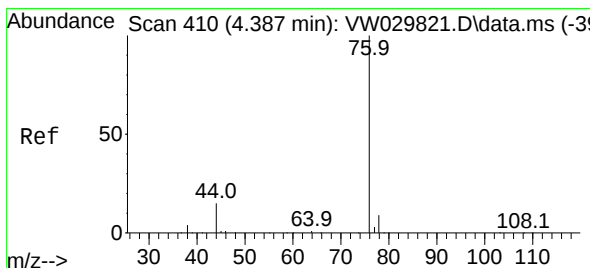
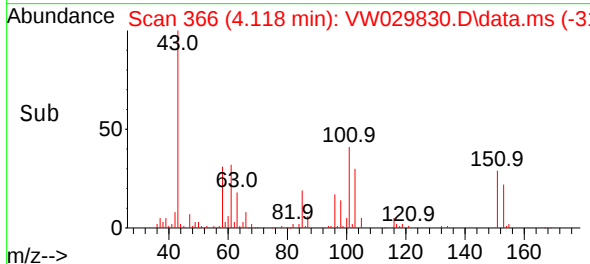
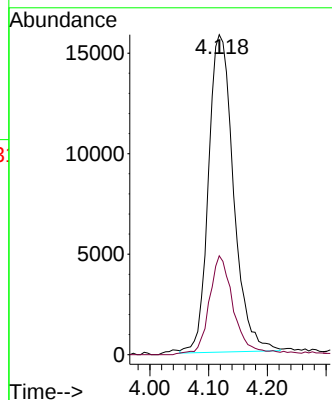
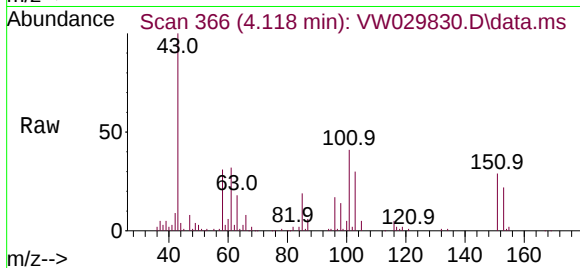
VSTD025566

Tgt Ion: 43 Resp: 46875

Ion Ratio Lower Upper

43 100

58 29.1 0.0 57.6



#14

Carbon disulfide

Concen: 26.736 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW029830.D

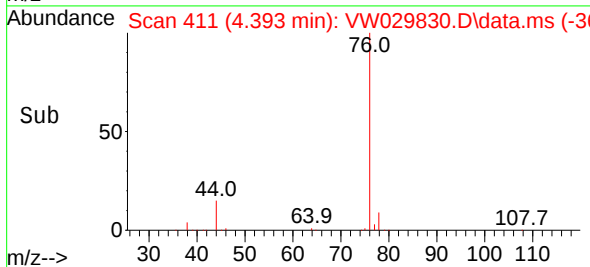
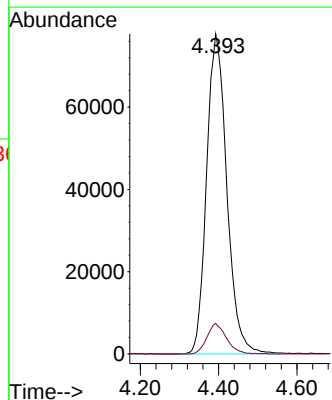
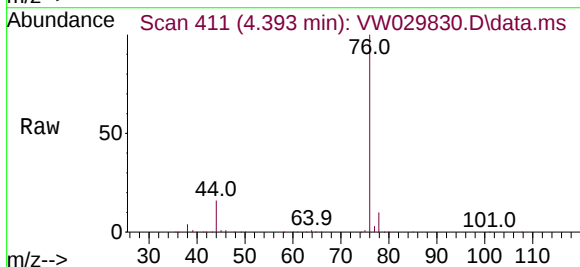
Acq: 01 Aug 2024 16:32

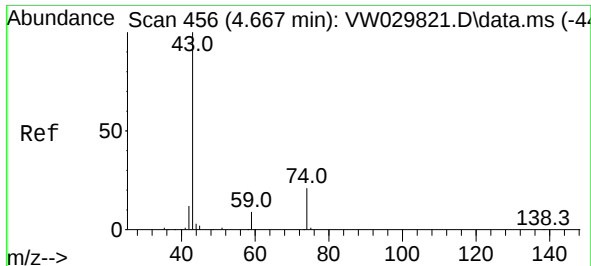
Tgt Ion: 76 Resp: 279261

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4





#15

Methyl Acetate

Concen: 32.572 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

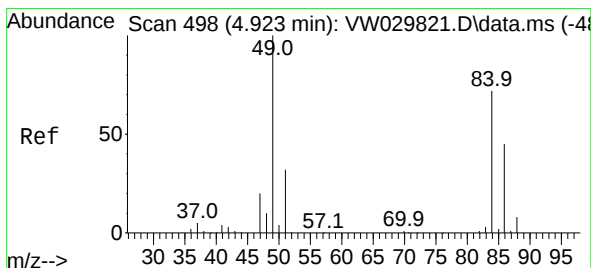
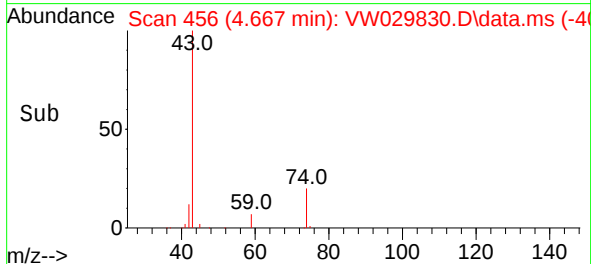
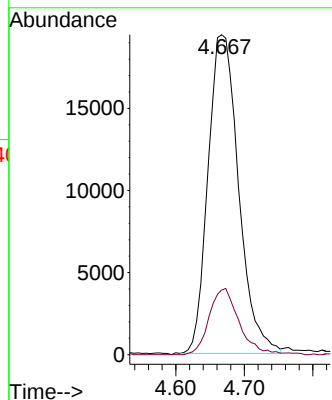
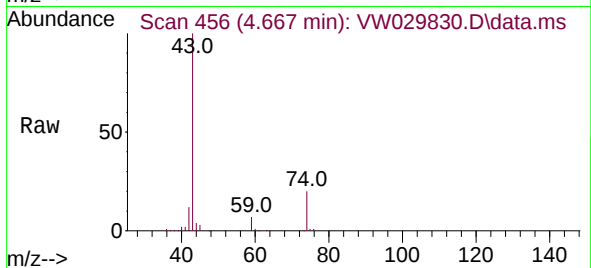
VSTD025566

Tgt Ion: 43 Resp: 60275

Ion Ratio Lower Upper

43 100

74 20.3 16.5 24.7



#16

Methylene chloride

Concen: 22.130 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

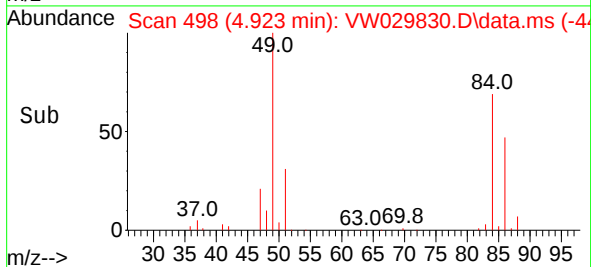
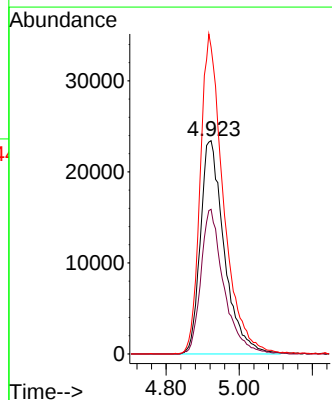
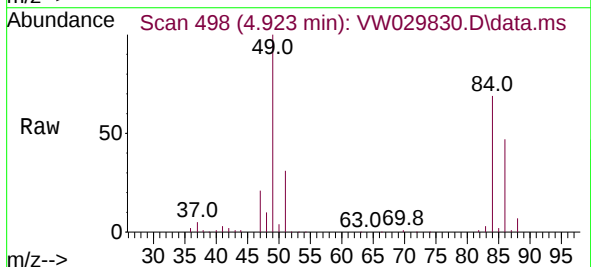
Tgt Ion: 84 Resp: 106291

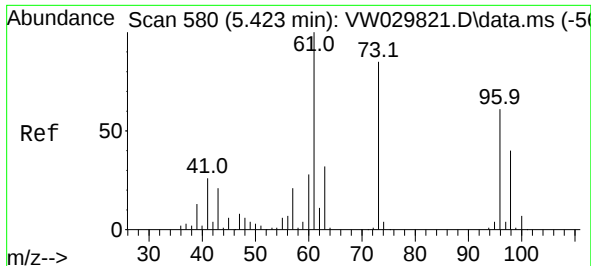
Ion Ratio Lower Upper

84 100

86 67.8 44.7 82.9

49 143.9 99.0 184.0

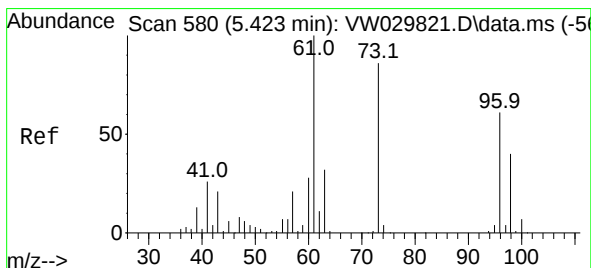
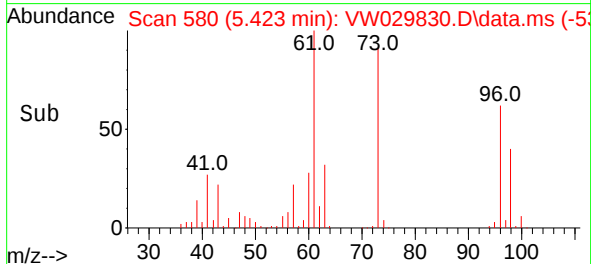
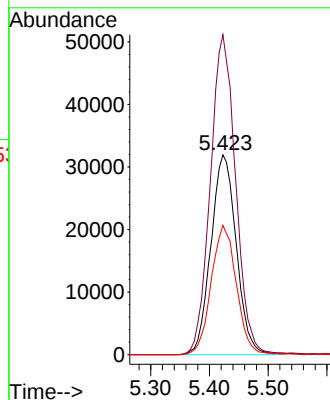
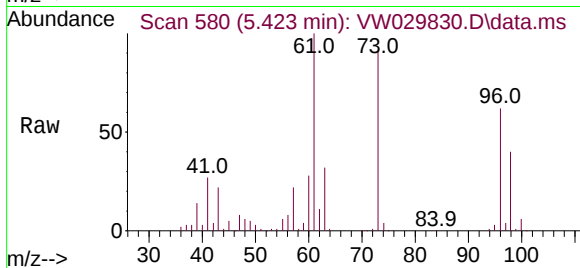




#17
trans-1,2-Dichloroethene
Concen: 28.399 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

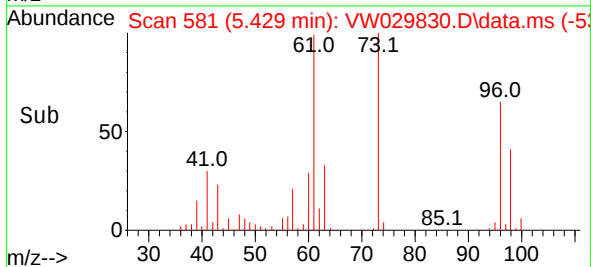
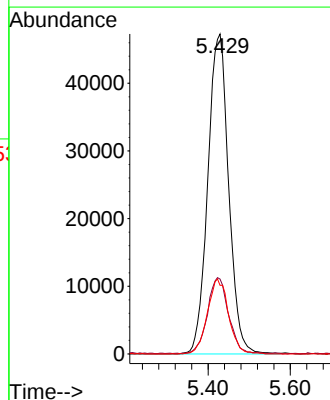
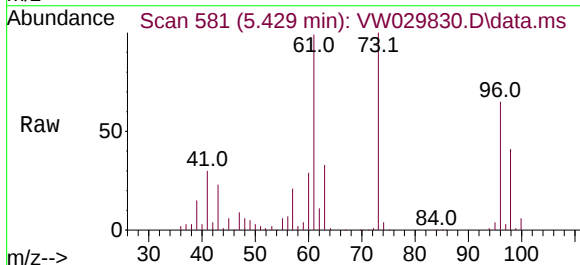
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

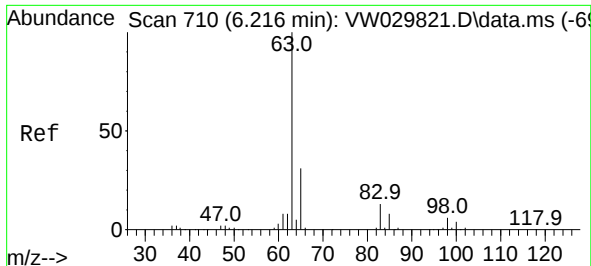
Tgt Ion: 96 Resp: 96053
Ion Ratio Lower Upper
96 100
61 160.2 111.2 206.6
98 64.7 45.0 83.6



#18
Methyl tert-butyl Ether
Concen: 29.868 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion: 73 Resp: 166499
Ion Ratio Lower Upper
73 100
43 23.7 18.3 27.5
57 23.6 17.9 26.9

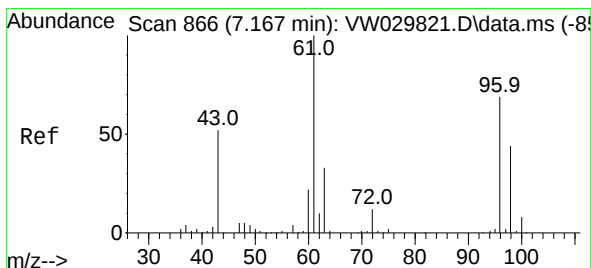
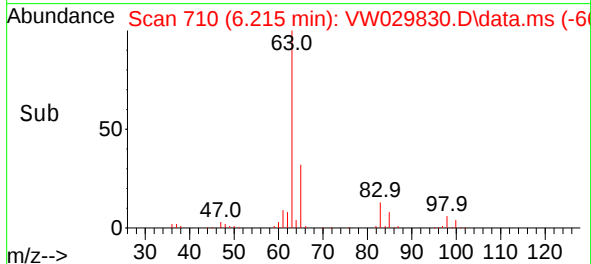
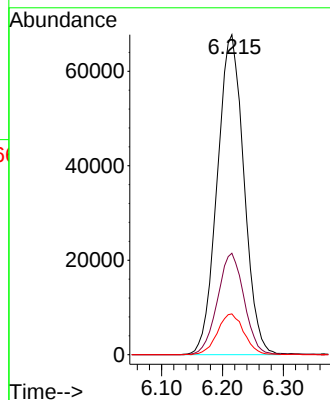
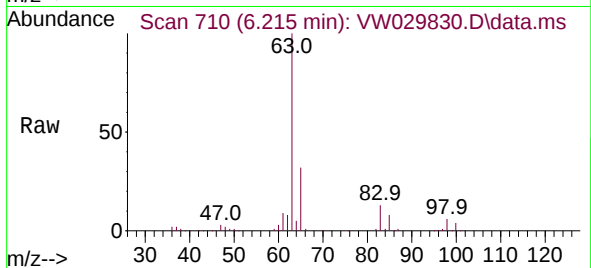




#19
1,1-Dichloroethane
Concen: 28.863 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

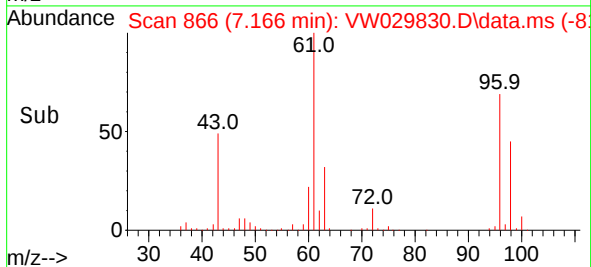
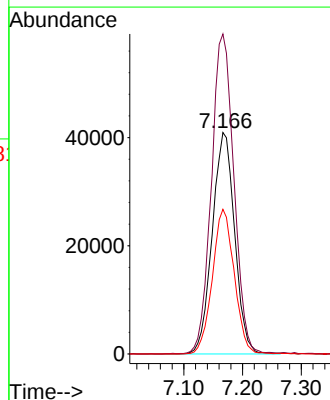
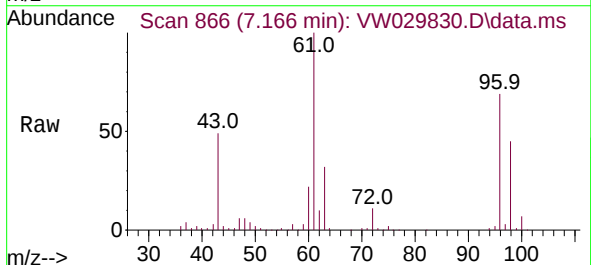
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

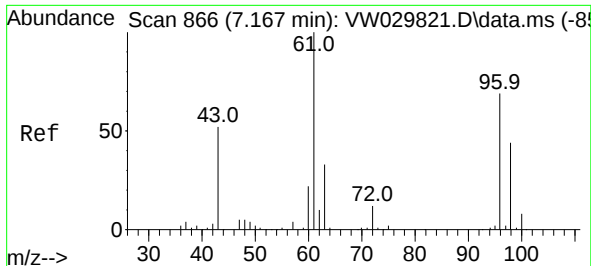
Tgt Ion: 63 Resp: 205900
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.3
83 12.8 8.5 15.7



#20
cis-1,2-Dichloroethene
Concen: 29.520 ug/L
RT: 7.166 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion: 96 Resp: 108307
Ion Ratio Lower Upper
96 100
61 144.5 98.2 182.4
98 65.3 41.9 77.9





#22

2-Butanone

Concen: 54.830 ug/L

RT: 7.166 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

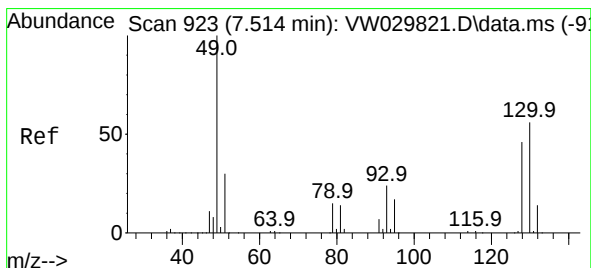
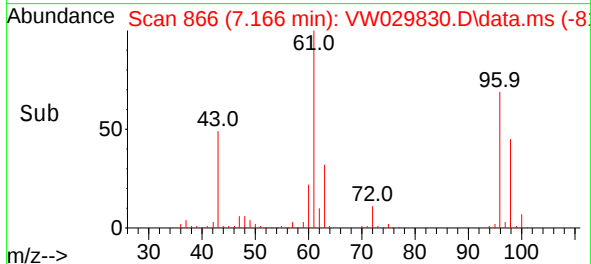
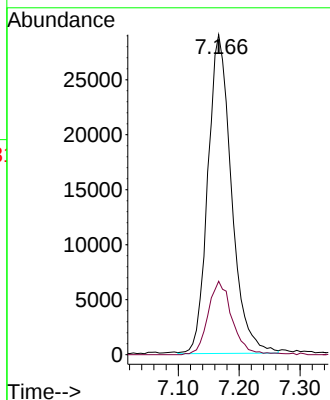
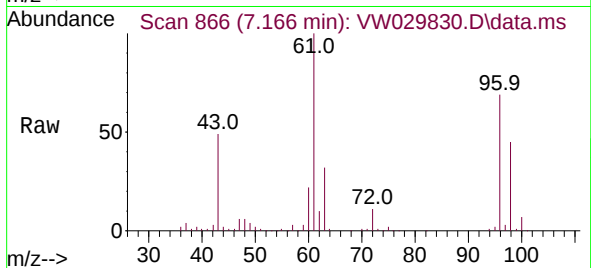
VSTD025566

Tgt Ion: 43 Resp: 78052

Ion Ratio Lower Upper

43 100

72 23.2 11.7 35.1



#23

Bromochloromethane

Concen: 30.775 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Tgt Ion: 128 Resp: 47935

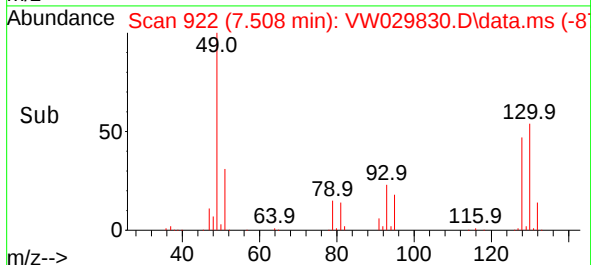
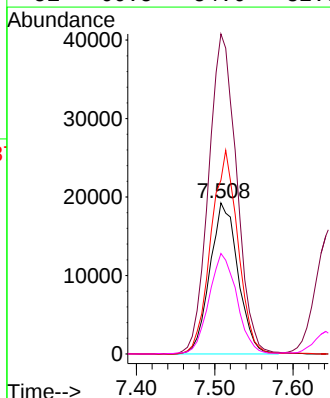
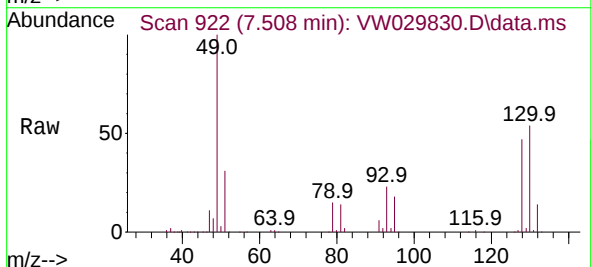
Ion Ratio Lower Upper

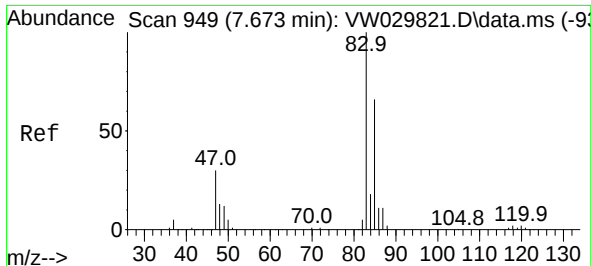
128 100

49 211.8 151.1 280.7

130 115.0 96.8 179.8

51 66.5 54.6 82.0





#25

Chloroform

Concen: 30.029 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

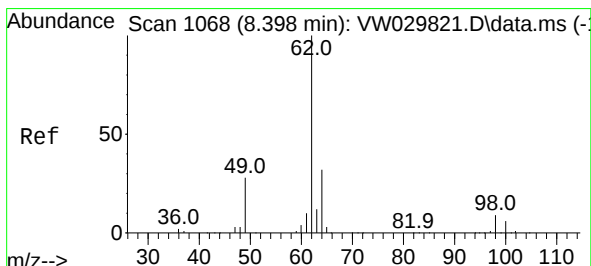
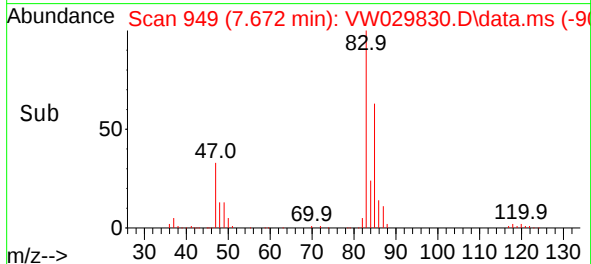
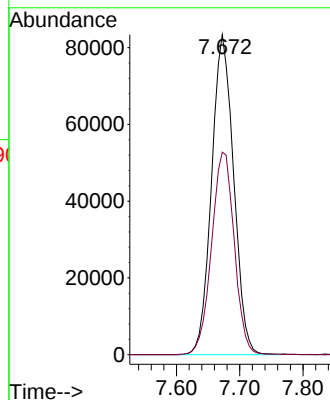
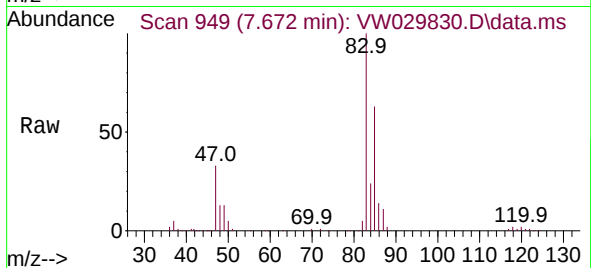
VSTD025566

Tgt Ion: 83 Resp: 201825

Ion Ratio Lower Upper

83 100

85 63.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 30.972 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029830.D

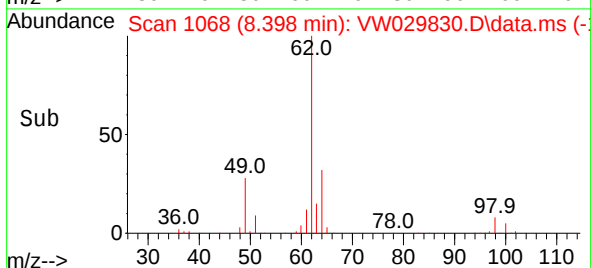
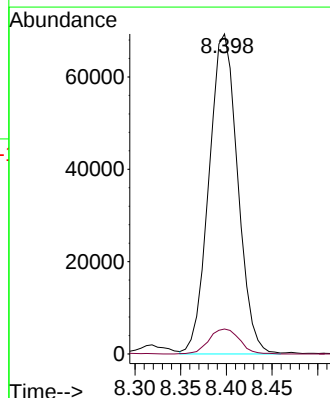
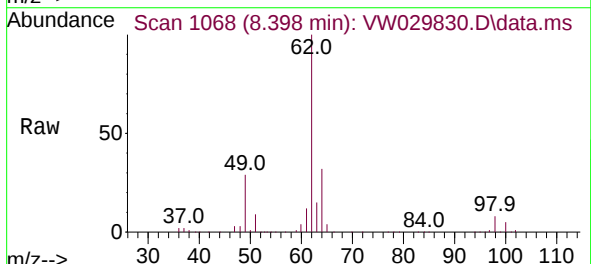
Acq: 01 Aug 2024 16:32

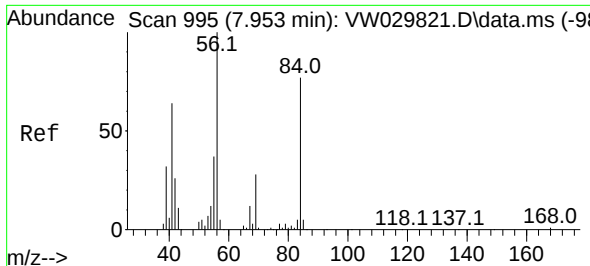
Tgt Ion: 62 Resp: 151705

Ion Ratio Lower Upper

62 100

98 7.8 6.6 10.0





#29

Cyclohexane

Concen: 25.575 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

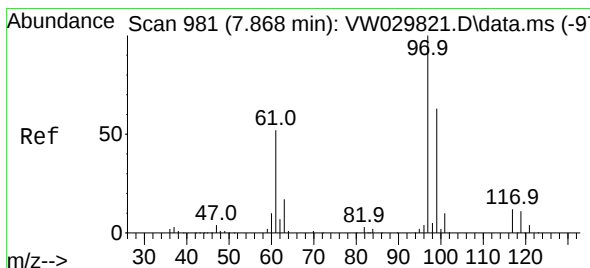
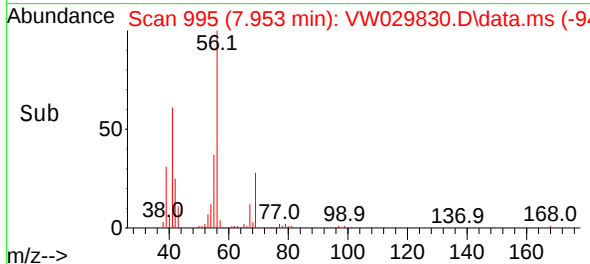
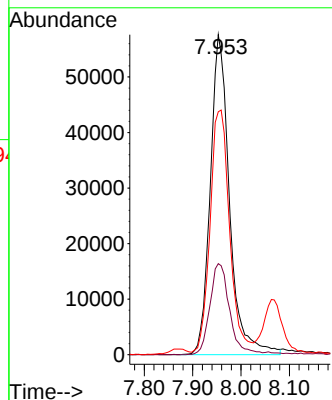
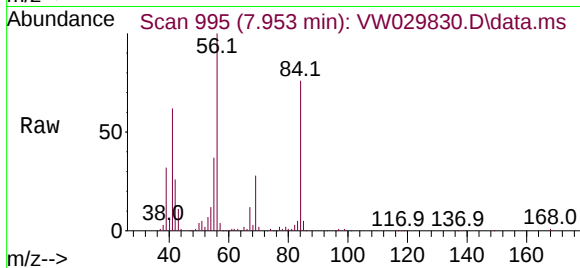
Tgt Ion: 56 Resp: 159221

Ion Ratio Lower Upper

56 100

69 28.9 23.0 34.4

84 77.7 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 26.862 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

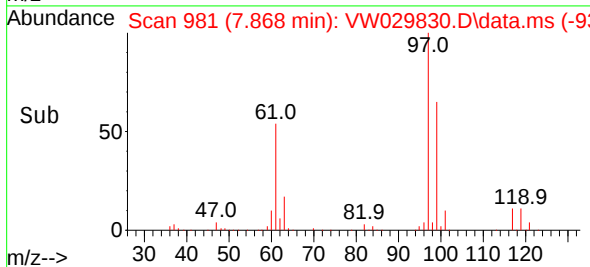
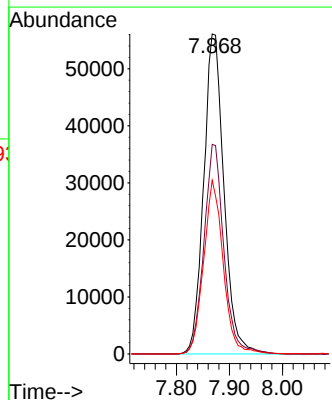
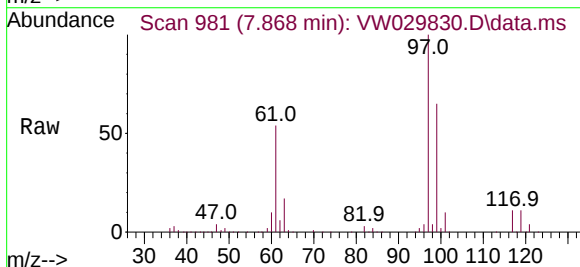
Tgt Ion: 97 Resp: 149024

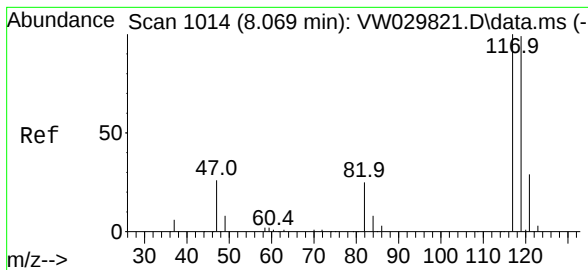
Ion Ratio Lower Upper

97 100

99 64.3 52.1 78.1

61 51.7 42.6 63.8

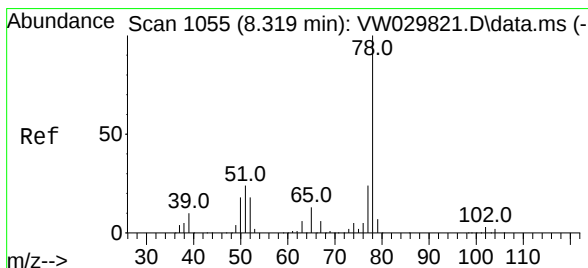
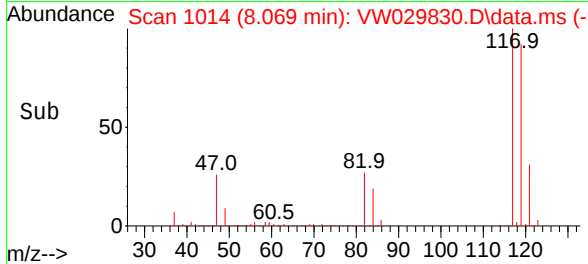
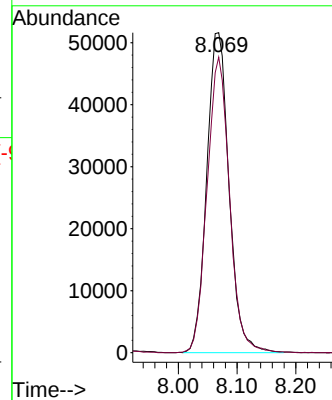
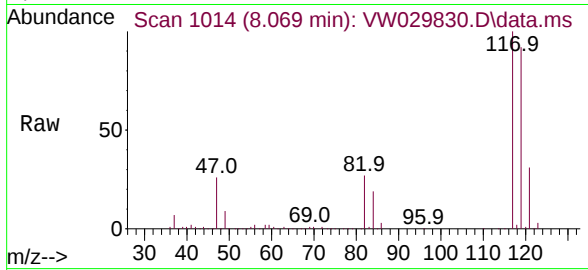




#31
Carbon tetrachloride
Concen: 27.260 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

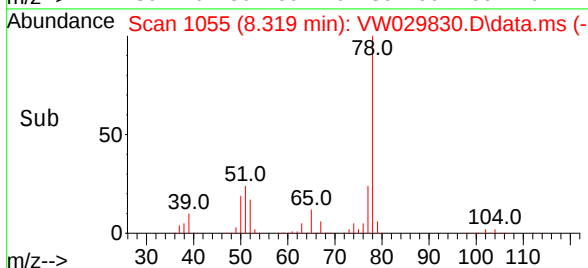
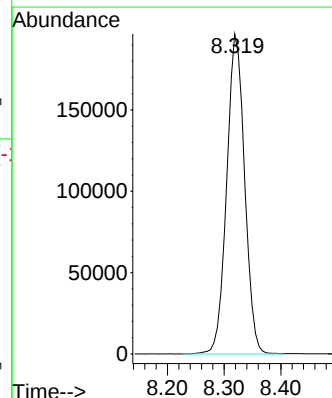
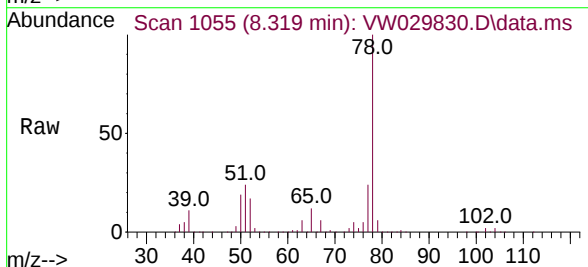
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

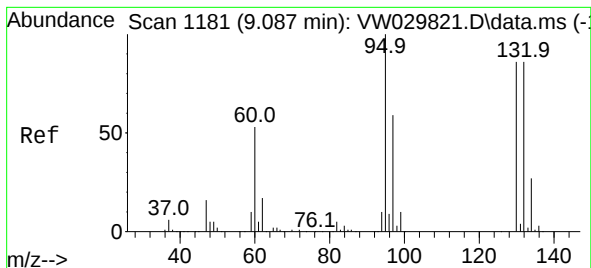
Tgt Ion:117 Resp: 136268
Ion Ratio Lower Upper
117 100
119 92.8 74.8 112.2



#33
Benzene
Concen: 28.789 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion: 78 Resp: 432129





#34

Trichloroethene

Concen: 27.055 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion: 95 Resp: 106458

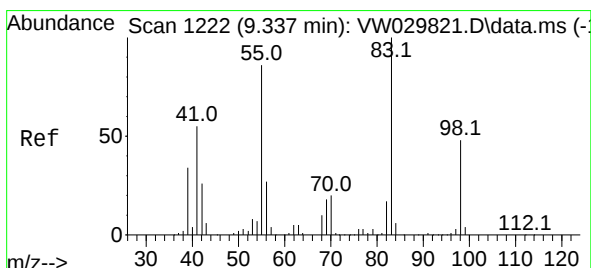
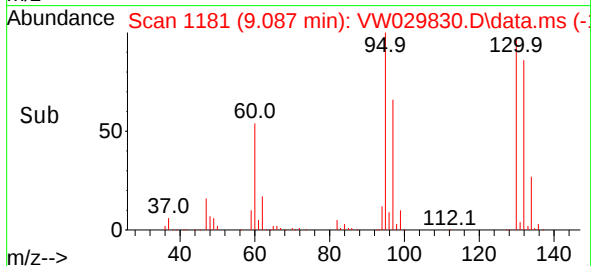
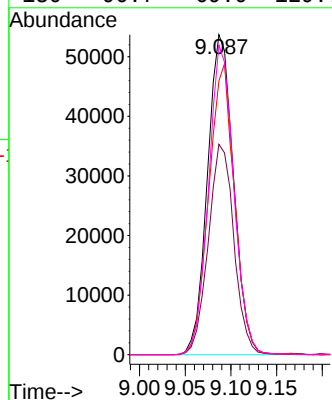
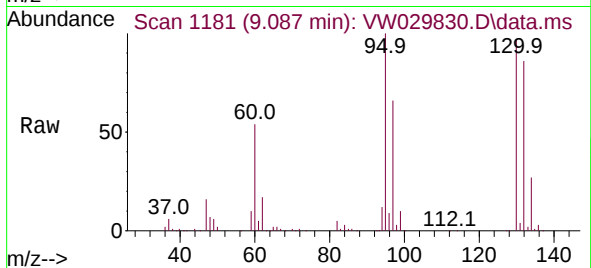
Ion Ratio Lower Upper

95 100

97 65.7 45.6 84.8

132 85.6 65.2 121.0

130 96.7 69.9 129.7



#35

Methylcyclohexane

Concen: 25.796 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

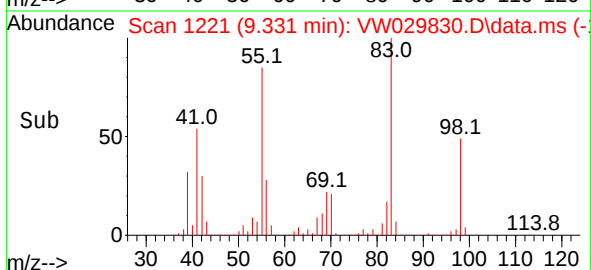
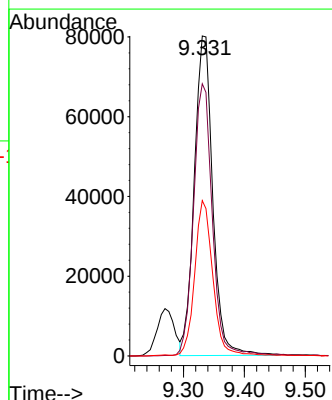
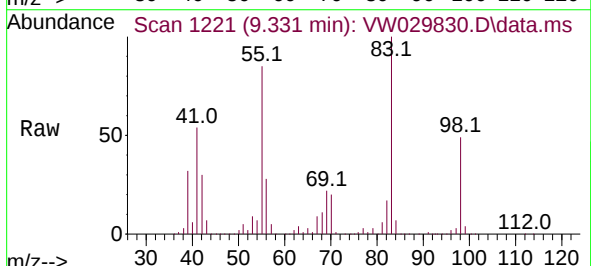
Tgt Ion: 83 Resp: 169136

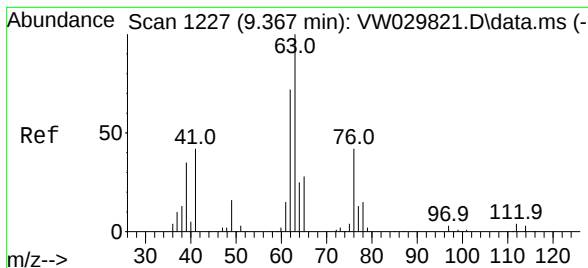
Ion Ratio Lower Upper

83 100

55 86.9 67.4 101.2

98 47.7 36.7 55.1





#37

1,2-Dichloropropane

Concen: 29.624 ug/L

RT: 9.361 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

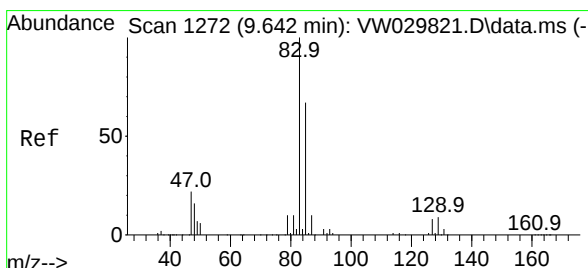
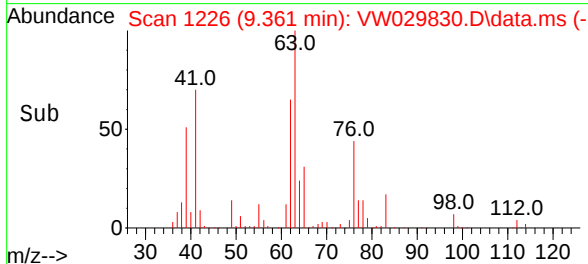
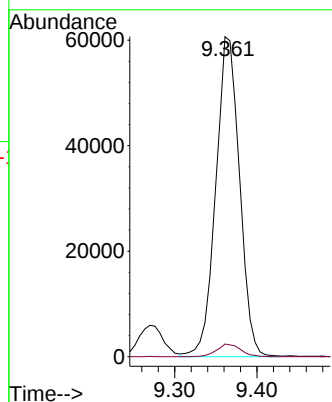
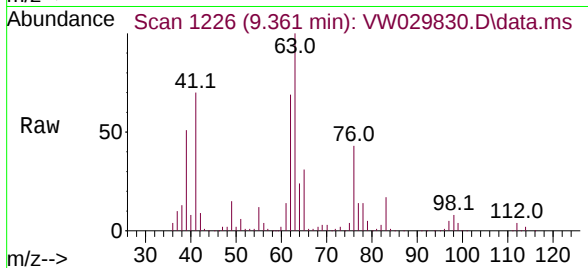
VSTD025566

Tgt Ion: 63 Resp: 121853

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 30.214 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

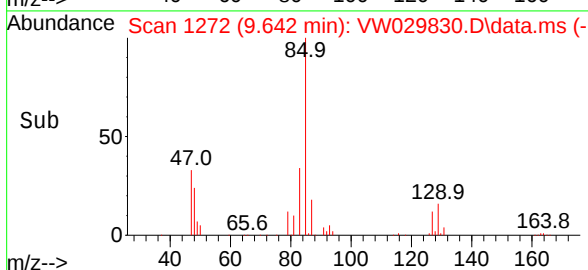
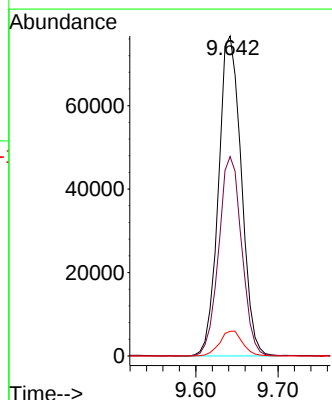
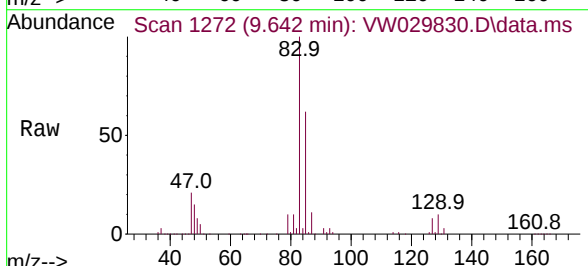
Tgt Ion: 83 Resp: 147996

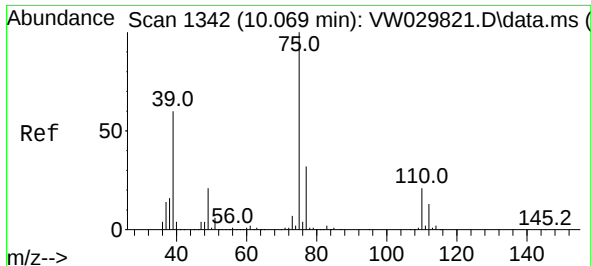
Ion Ratio Lower Upper

83 100

85 62.3 46.6 86.6

127 7.7 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 28.720 ug/L

RT: 10.068 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

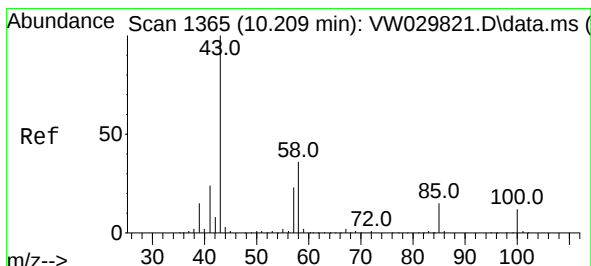
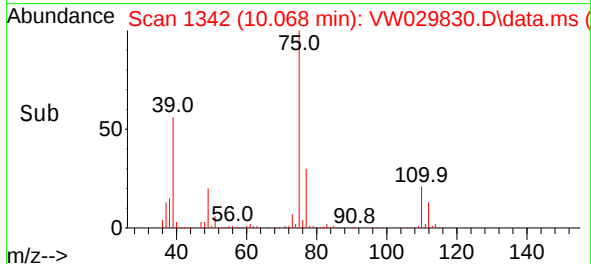
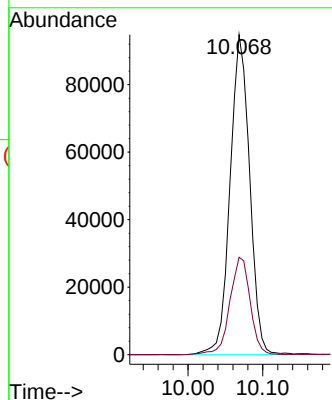
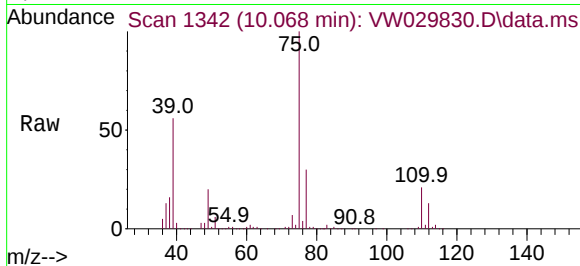
VSTD025566

Tgt Ion: 75 Resp: 172045

Ion Ratio Lower Upper

75 100

77 30.4 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 67.102 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

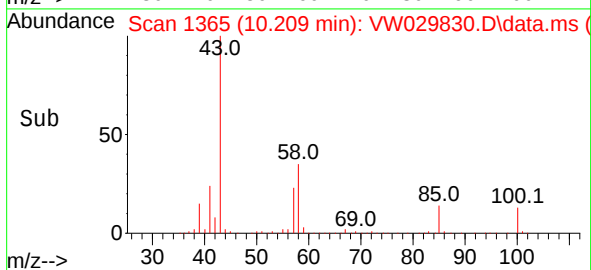
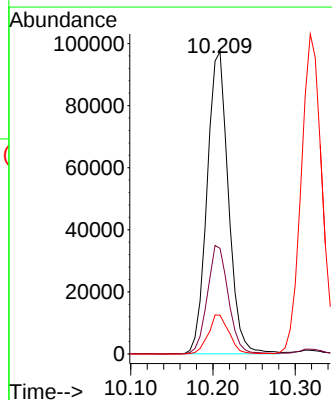
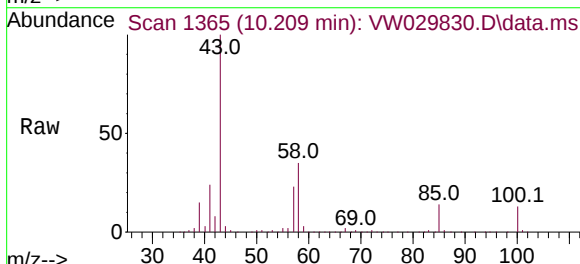
Tgt Ion: 43 Resp: 175320

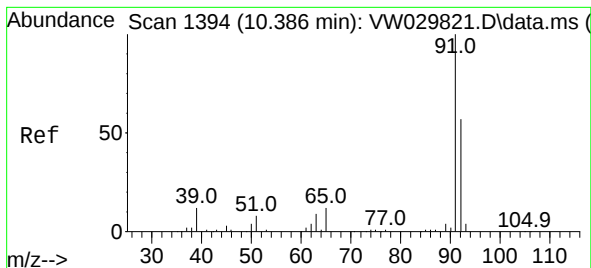
Ion Ratio Lower Upper

43 100

58 35.6 28.7 43.1

100 12.6 10.0 15.0





#42

Toluene

Concen: 28.701 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

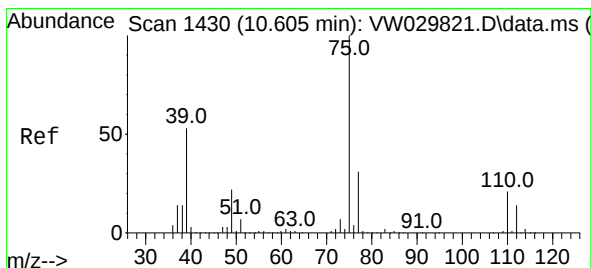
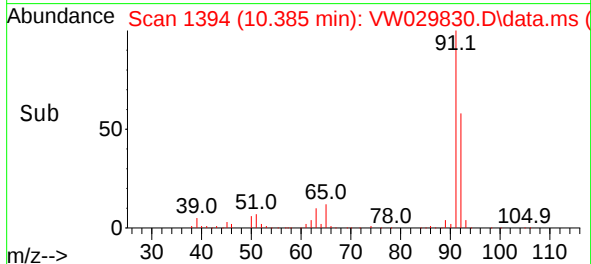
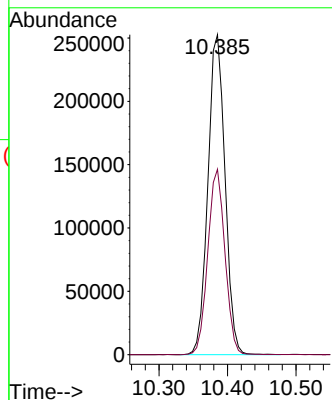
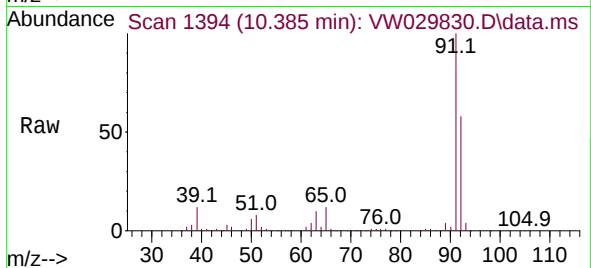
VSTD025566

Tgt Ion: 91 Resp: 439744

Ion Ratio Lower Upper

91 100

92 58.0 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 29.894 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029830.D

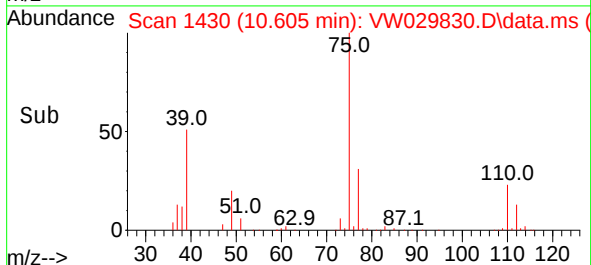
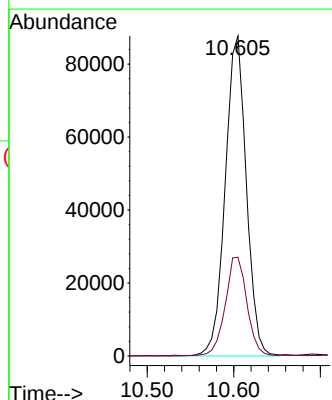
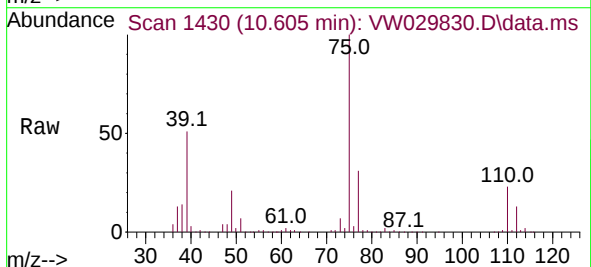
Acq: 01 Aug 2024 16:32

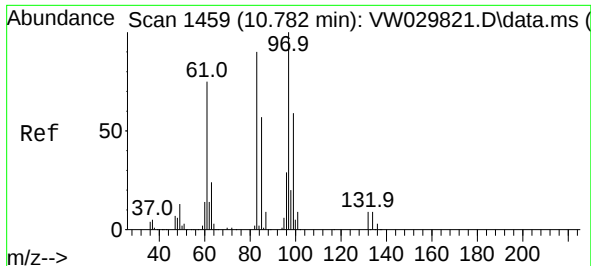
Tgt Ion: 75 Resp: 148661

Ion Ratio Lower Upper

75 100

77 30.9 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 30.906 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion: 97 Resp: 85406

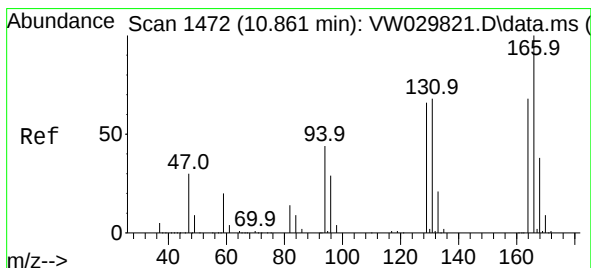
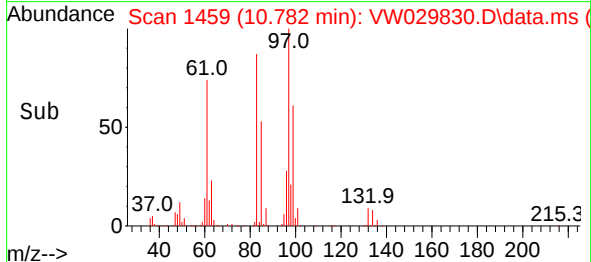
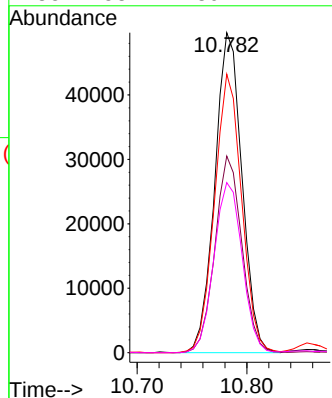
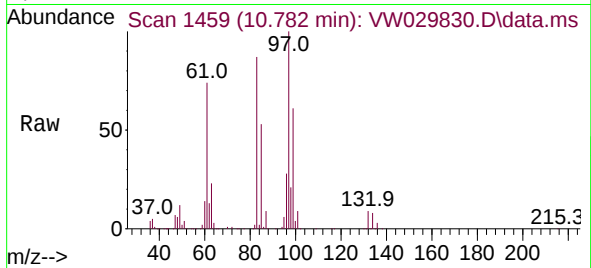
Ion Ratio Lower Upper

97 100

99 61.4 40.1 74.5

83 87.1 58.5 108.7

85 53.2 39.1 72.7



#46

Tetrachloroethene

Concen: 24.853 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Tgt Ion:164 Resp: 71079

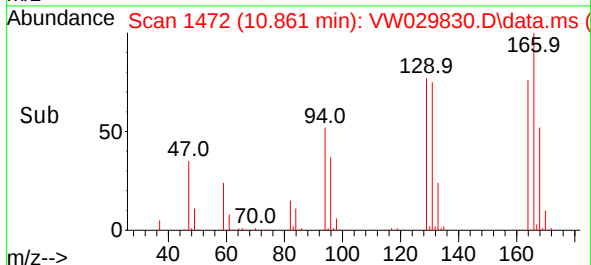
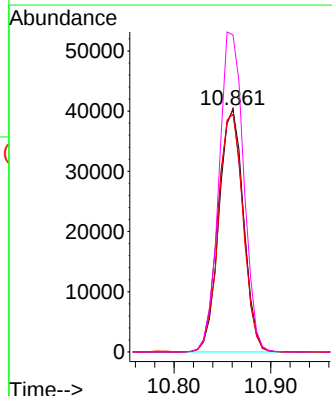
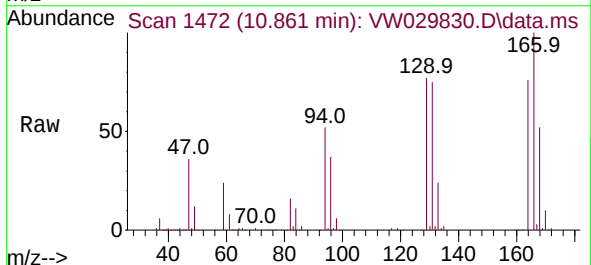
Ion Ratio Lower Upper

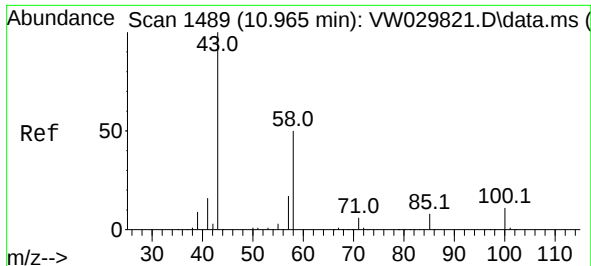
164 100

129 100.7 77.8 144.6

131 98.1 70.9 131.7

166 131.0 91.5 169.9

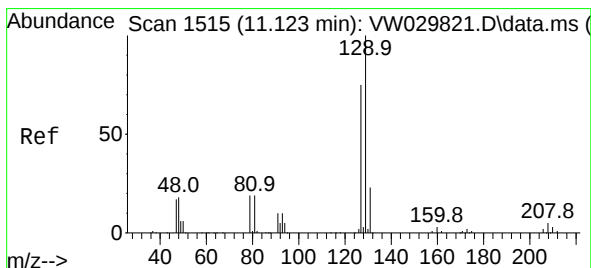
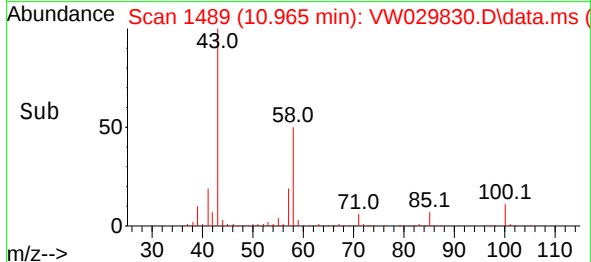
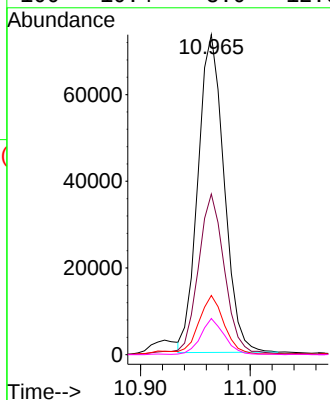
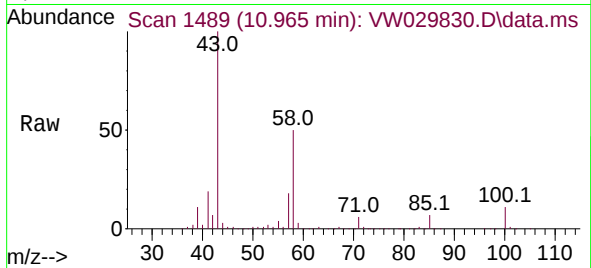




#48
2-Hexanone
Concen: 62.064 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

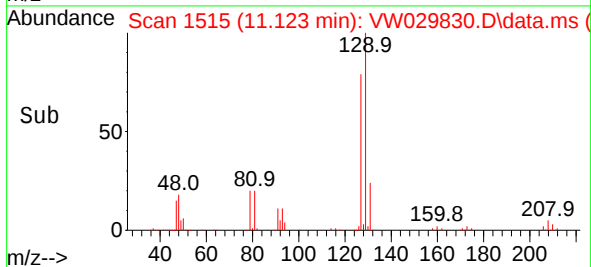
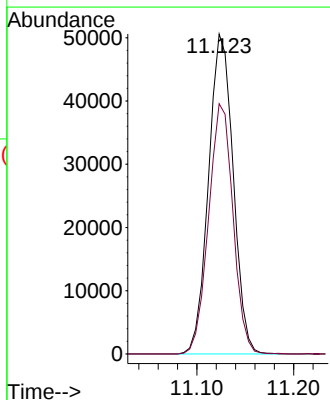
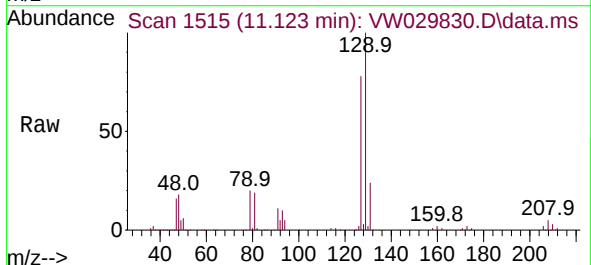
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

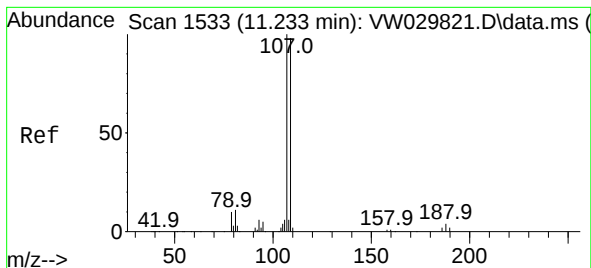
Tgt Ion: 43	Resp: 121449
Ion Ratio	Lower Upper
43 100	
58 51.9	41.0 61.4
57 18.0	14.1 21.1
100 10.4	8.0 12.0



#49
Dibromochloromethane
Concen: 31.204 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion:129	Resp: 89517		
Ion Ratio	Lower	Upper	
129 100			
127 78.2	52.4	97.2	

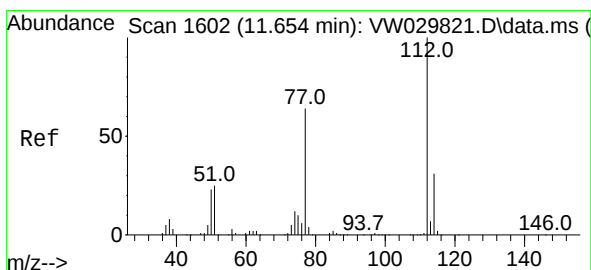
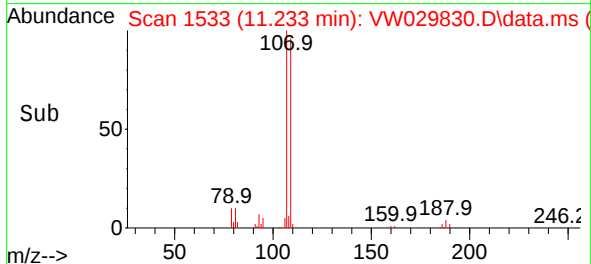
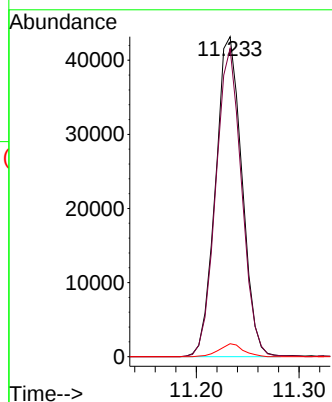
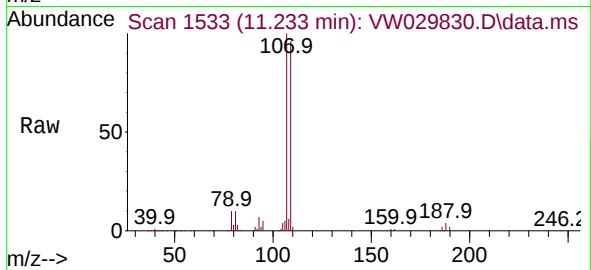




#50
1,2-Dibromoethane
Concen: 30.148 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

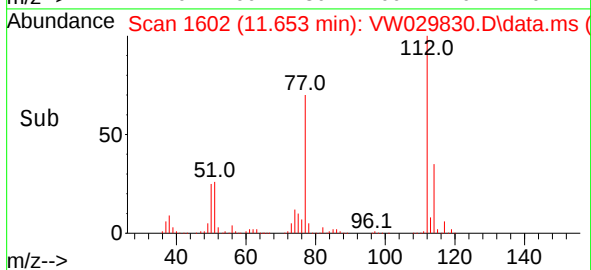
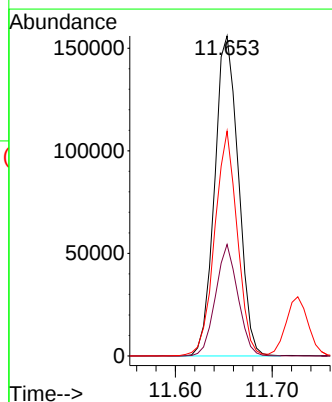
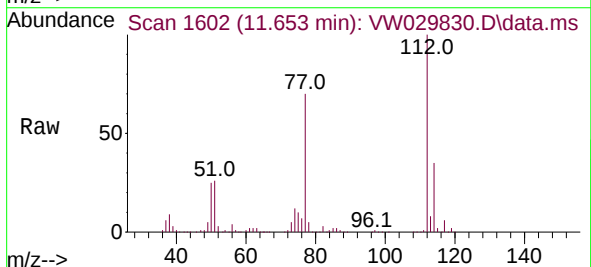
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

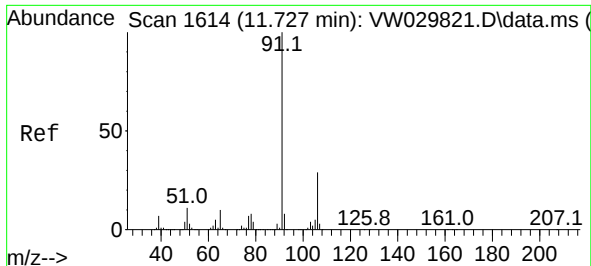
Tgt Ion:107 Resp: 77083
Ion Ratio Lower Upper
107 100
109 96.4 64.8 120.3
188 4.0 2.7 4.1



#51
Chlorobenzene
Concen: 27.893 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion:112 Resp: 265826
Ion Ratio Lower Upper
112 100
114 34.9 22.0 40.8
77 70.3 53.8 80.8





#52

Ethylbenzene

Concen: 28.786 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

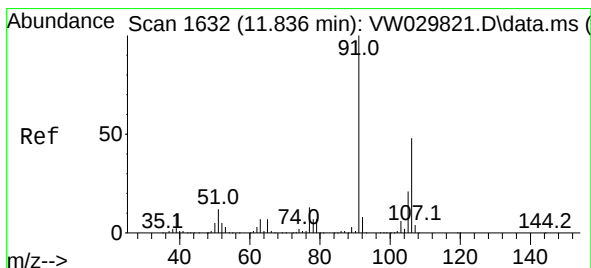
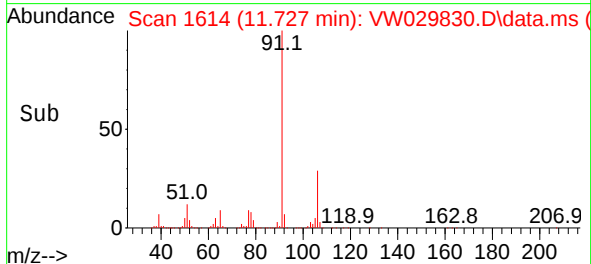
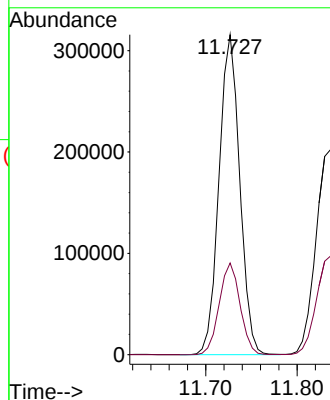
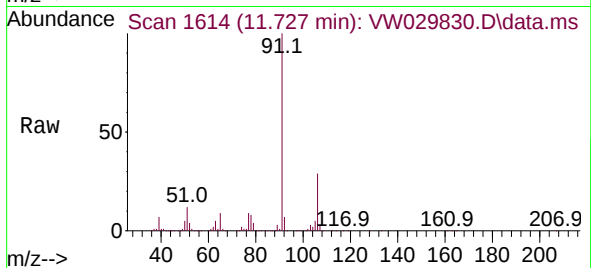
VSTD025566

Tgt Ion: 91 Resp: 497505

Ion Ratio Lower Upper

91 100

106 28.6 20.4 38.0



#53

m,p-Xylene

Concen: 28.457 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029830.D

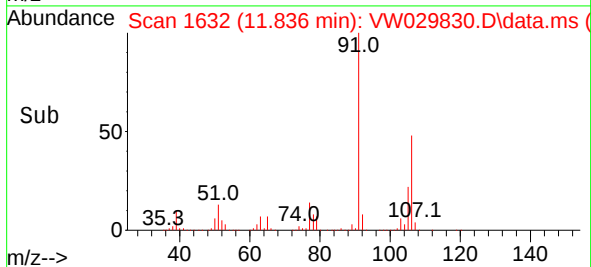
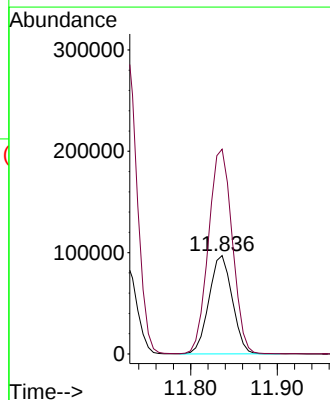
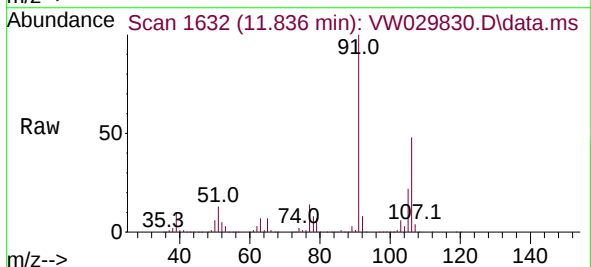
Acq: 01 Aug 2024 16:32

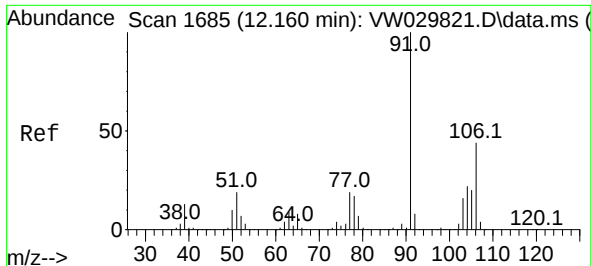
Tgt Ion:106 Resp: 180878

Ion Ratio Lower Upper

106 100

91 208.0 151.4 281.2

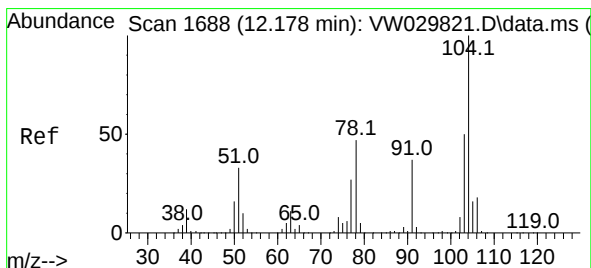
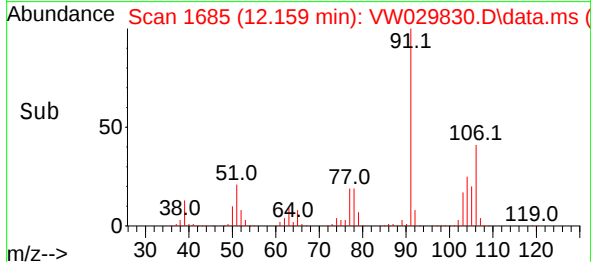
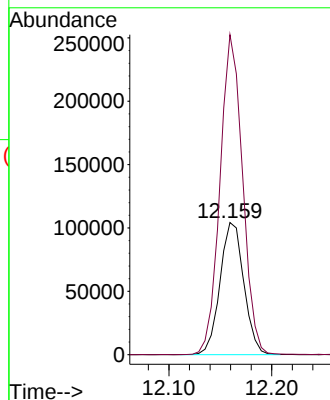
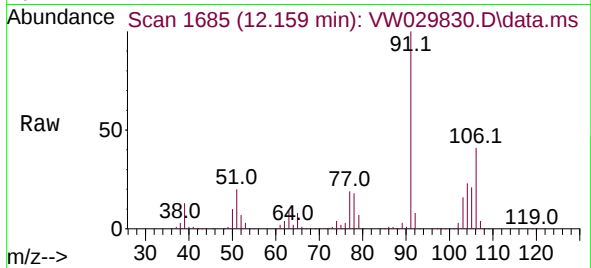




#54
o-Xylene
Concen: 28.666 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

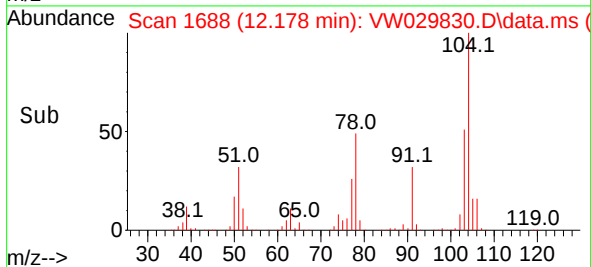
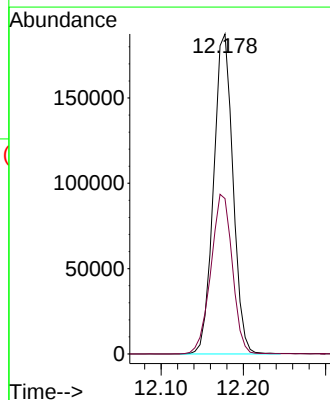
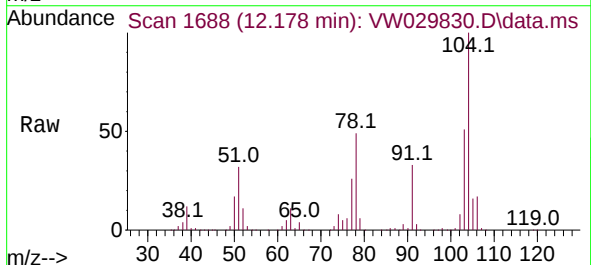
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

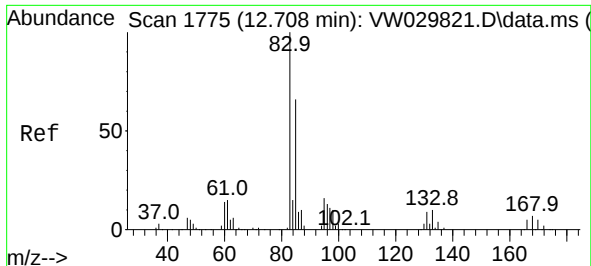
Tgt Ion:106 Resp: 167791
Ion Ratio Lower Upper
106 100
91 242.2 155.8 289.4



#55
Styrene
Concen: 30.339 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion:104 Resp: 307818
Ion Ratio Lower Upper
104 100
78 48.6 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 30.868 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

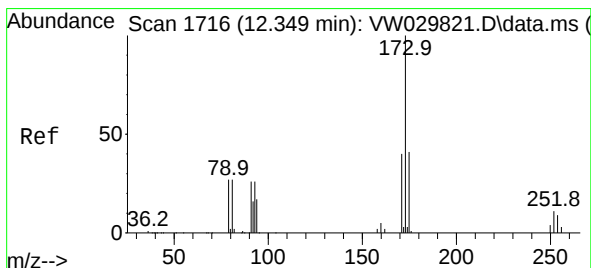
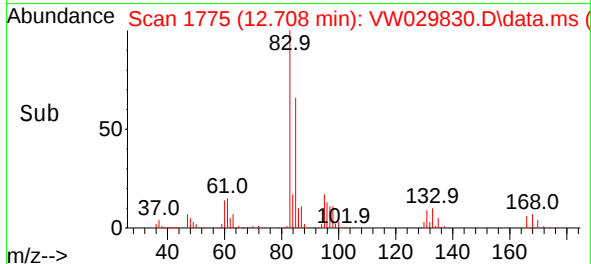
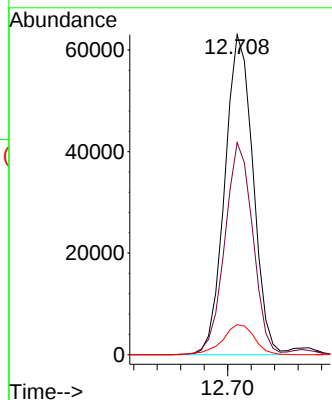
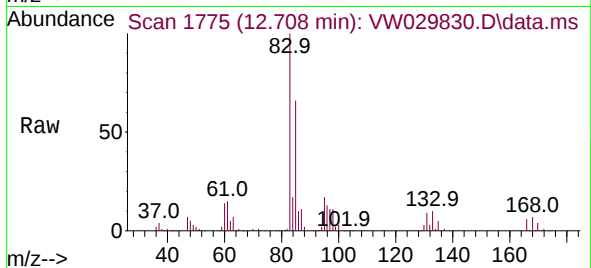
Tgt Ion: 83 Resp: 104696

Ion Ratio Lower Upper

83 100

85 66.3 44.2 82.0

131 9.4 6.2 9.2#



#59

Bromoform

Concen: 31.343 ug/L

RT: 12.342 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

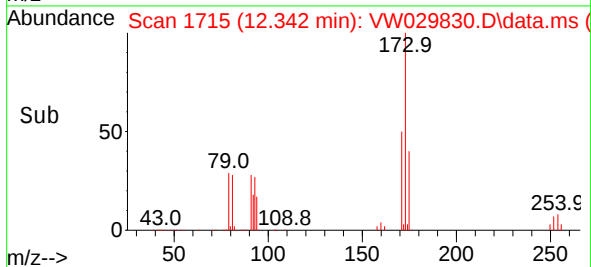
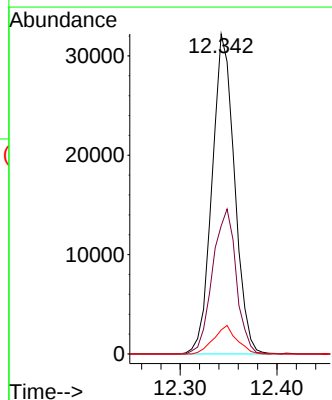
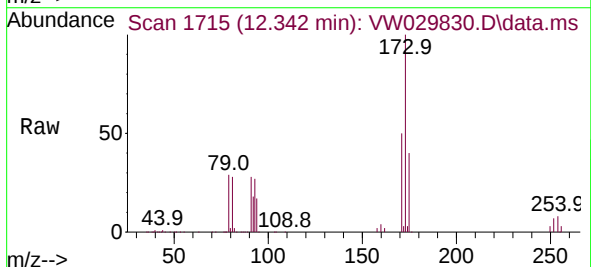
Tgt Ion:173 Resp: 52012

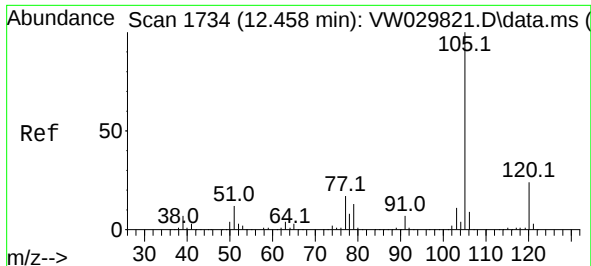
Ion Ratio Lower Upper

173 100

175 47.6 38.1 57.1

254 9.1 7.8 11.6





#60

Isopropylbenzene

Concen: 27.166 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

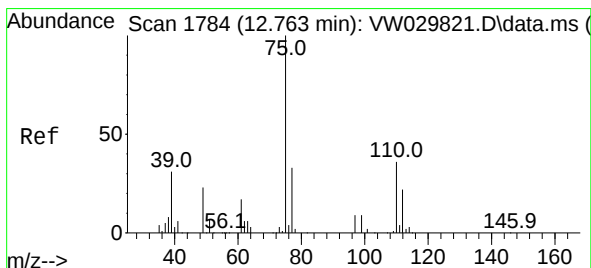
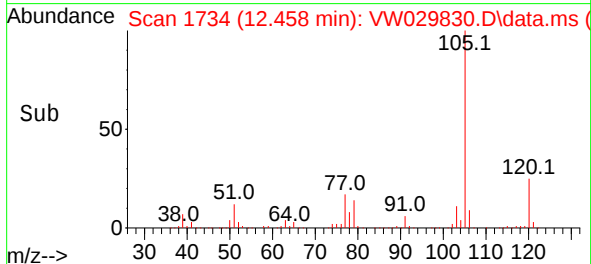
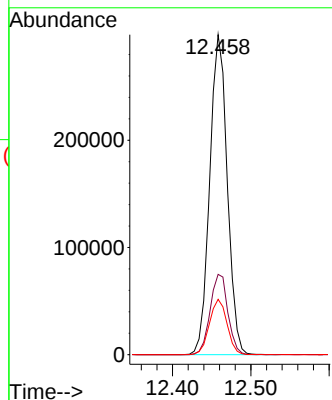
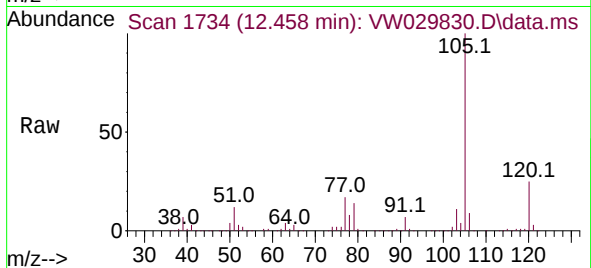
Tgt Ion:105 Resp: 463608

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5

77 17.3 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 29.953 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

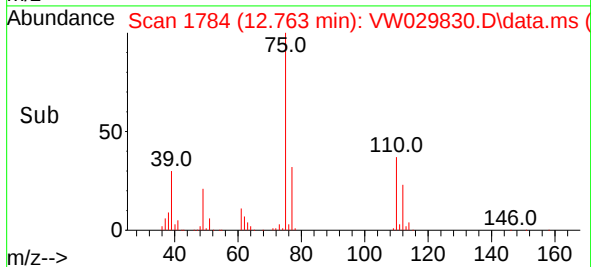
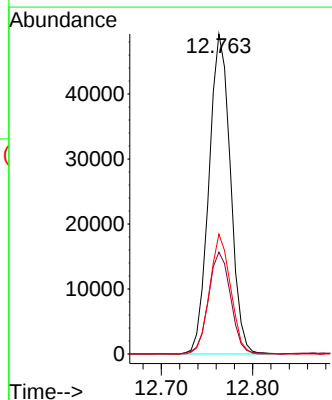
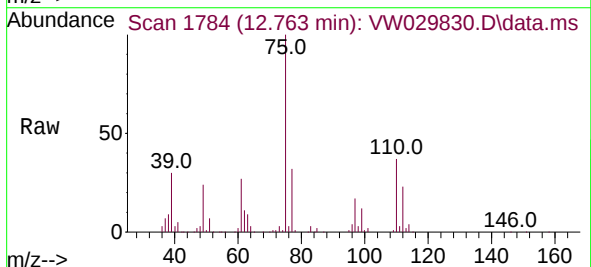
Tgt Ion: 75 Resp: 80343

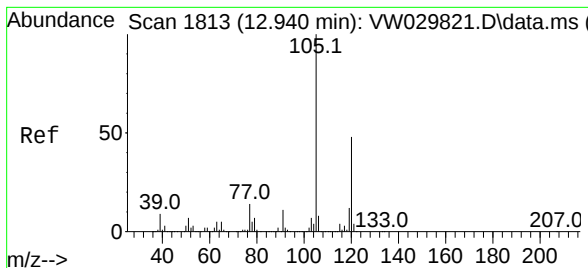
Ion Ratio Lower Upper

75 100

77 32.9 25.4 38.0

110 36.4 28.6 43.0

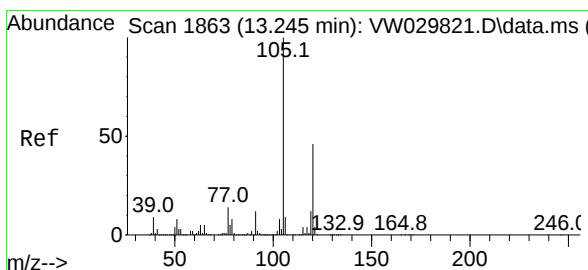
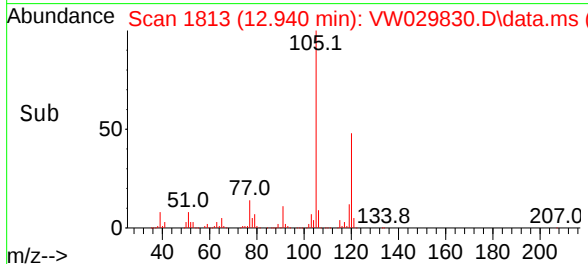
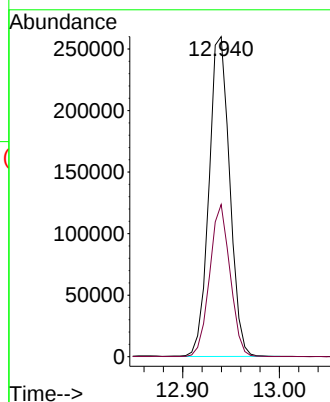
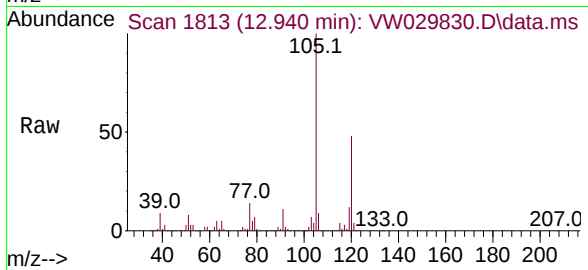




#62
1,3,5-Trimethylbenzene
Concen: 30.496 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

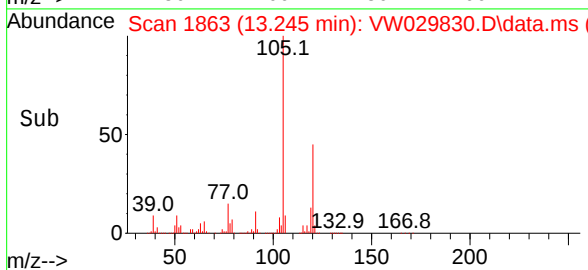
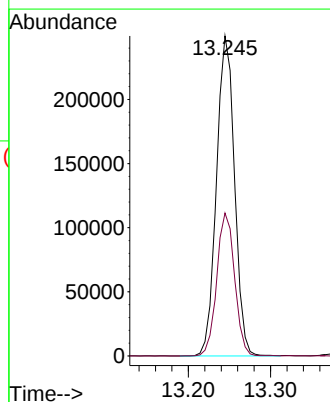
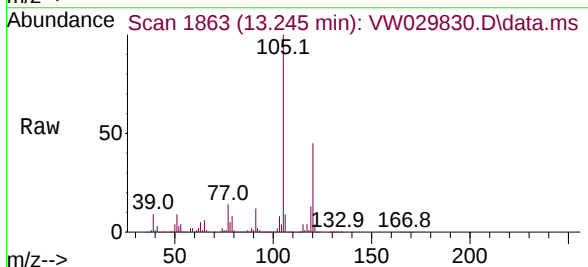
Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

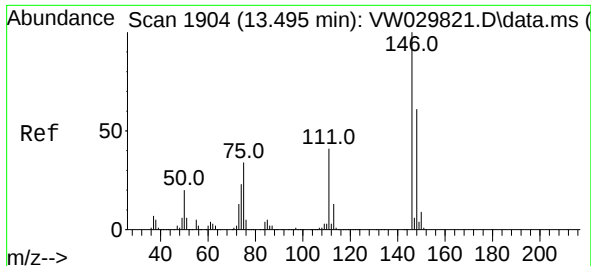
Tgt Ion:105 Resp: 386831
Ion Ratio Lower Upper
105 100
120 47.0 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 28.062 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion:105 Resp: 380694
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 27.766 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

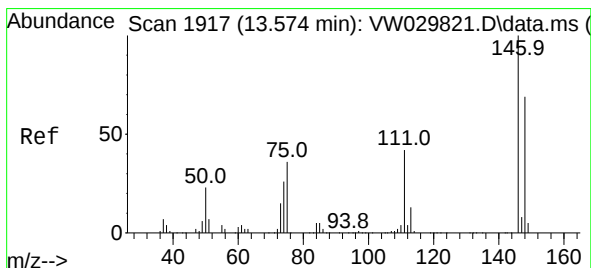
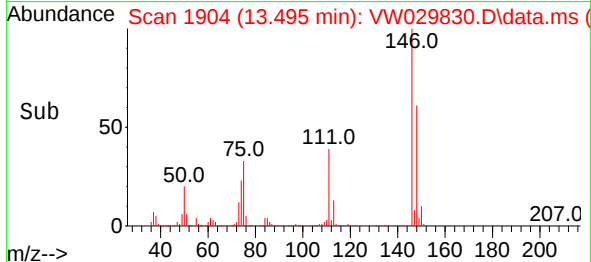
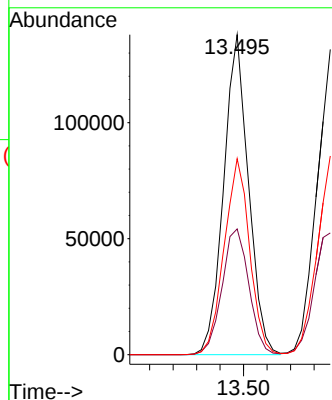
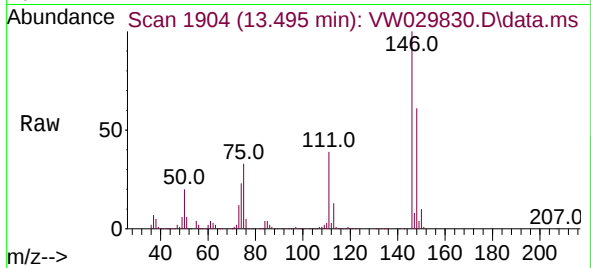
Tgt Ion:146 Resp: 202171

Ion Ratio Lower Upper

146 100

111 39.3 28.7 53.3

148 61.2 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 26.665 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

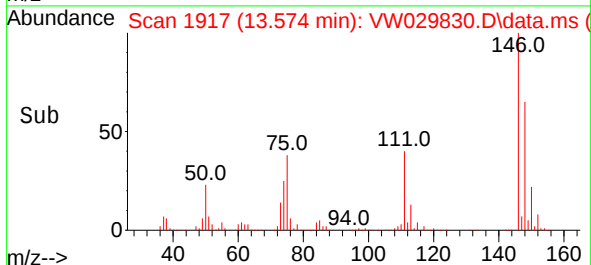
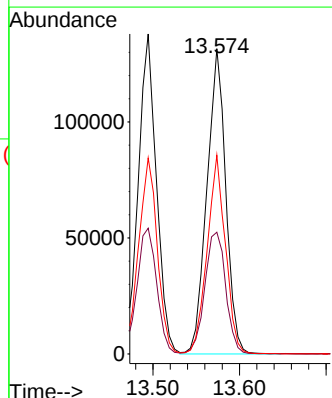
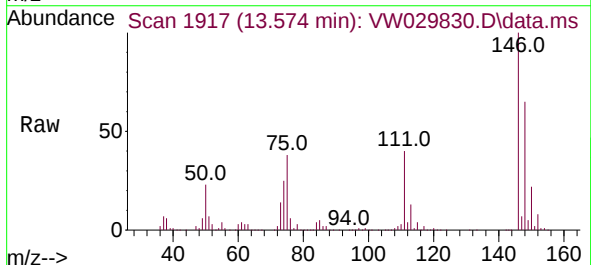
Tgt Ion:146 Resp: 199430

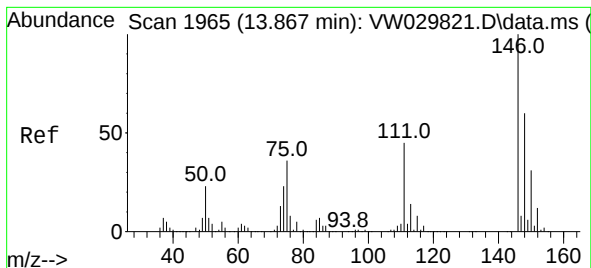
Ion Ratio Lower Upper

146 100

111 39.9 30.1 55.9

148 65.1 45.4 84.4





#67

1,2-Dichlorobenzene

Concen: 27.760 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

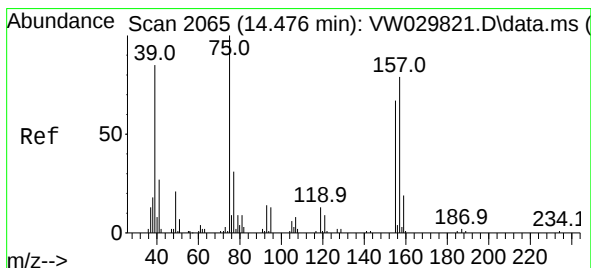
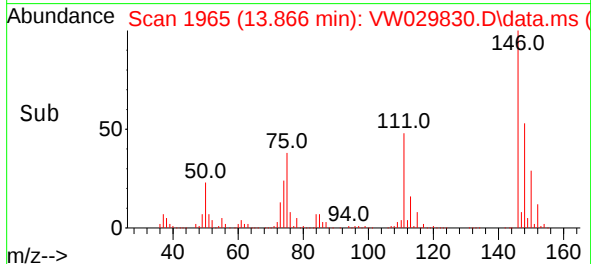
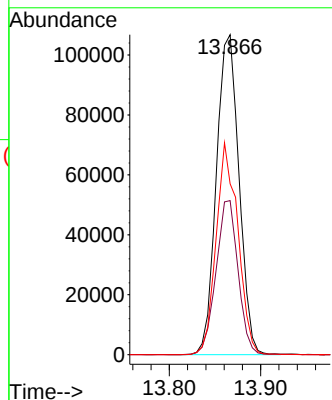
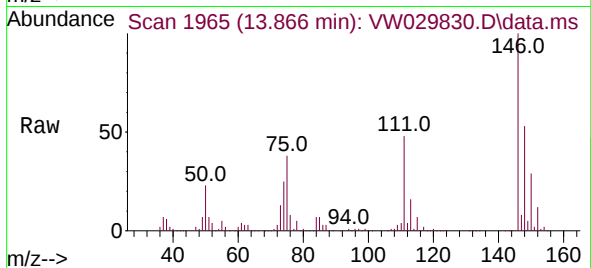
Tgt Ion:146 Resp: 184023

Ion Ratio Lower Upper

146 100

111 48.2 35.8 53.8

148 53.4 52.6 78.8



#68

1,2-Dibromo-3-chloropropane

Concen: 30.115 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

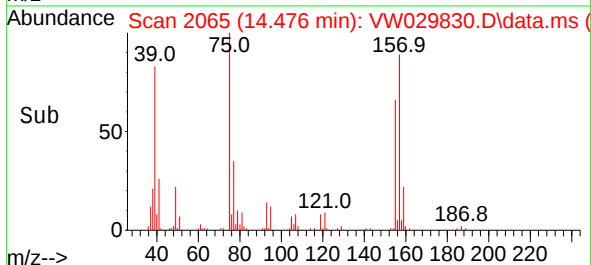
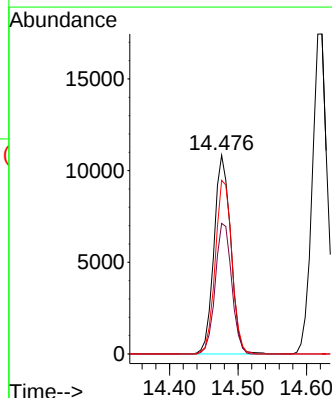
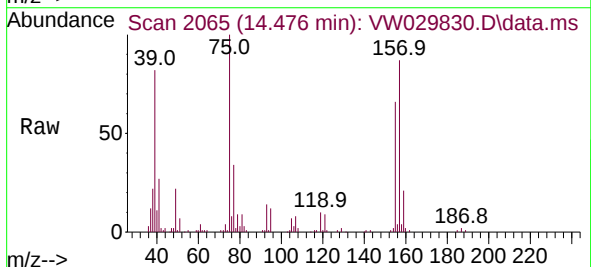
Tgt Ion: 75 Resp: 18341

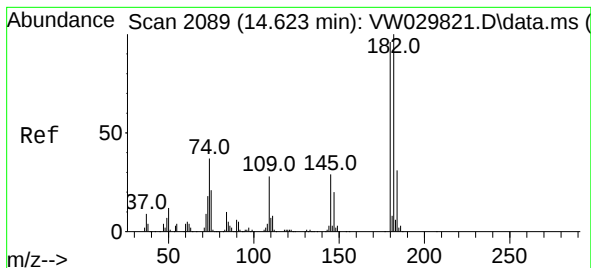
Ion Ratio Lower Upper

75 100

155 65.7 47.8 71.6

157 87.4 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 26.920 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

Instrument :

MSVOA_W

ClientSampleId :

VSTD025566

Tgt Ion:180 Resp: 134107

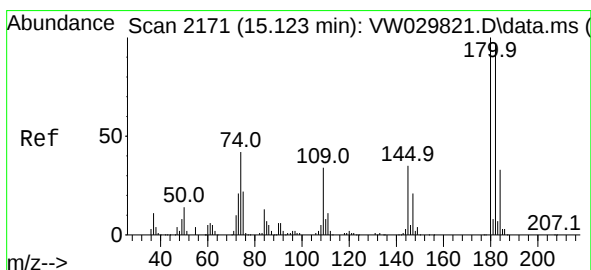
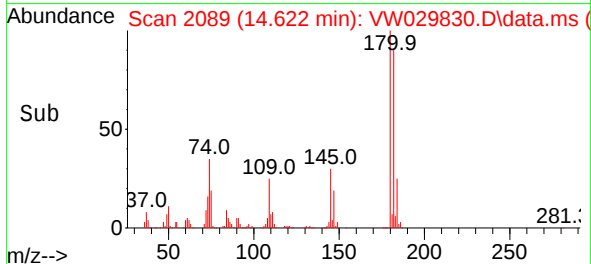
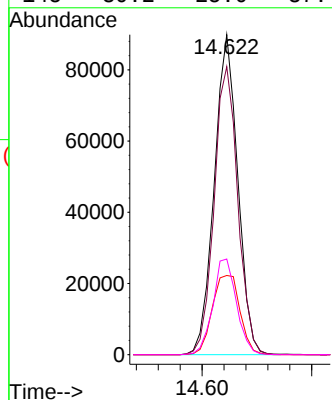
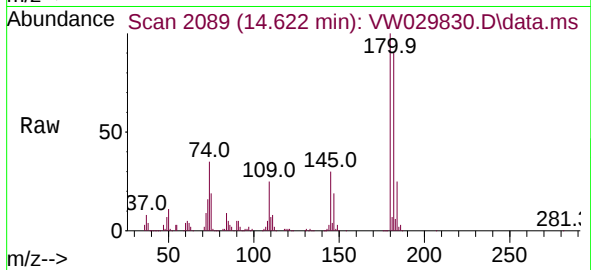
Ion Ratio Lower Upper

180 100

182 90.6 72.7 109.1

184 29.2 23.3 34.9

145 30.2 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 26.709 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029830.D

Acq: 01 Aug 2024 16:32

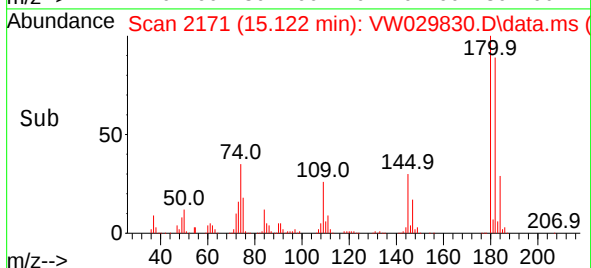
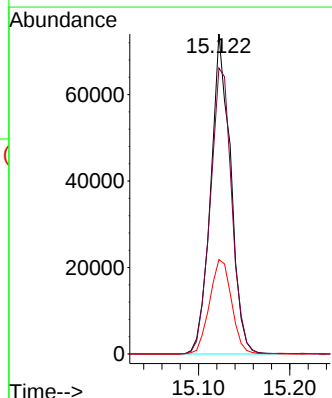
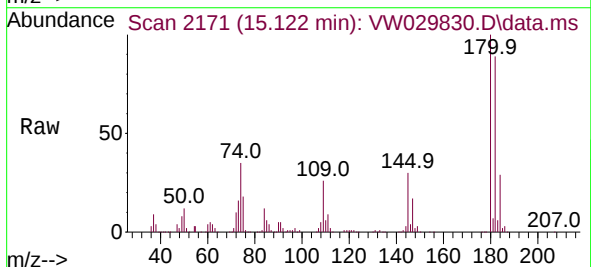
Tgt Ion:180 Resp: 112097

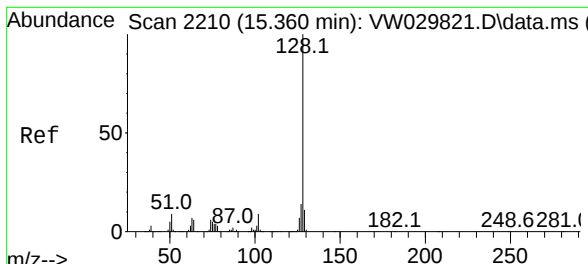
Ion Ratio Lower Upper

180 100

182 96.1 80.2 120.4

145 32.5 26.3 39.5



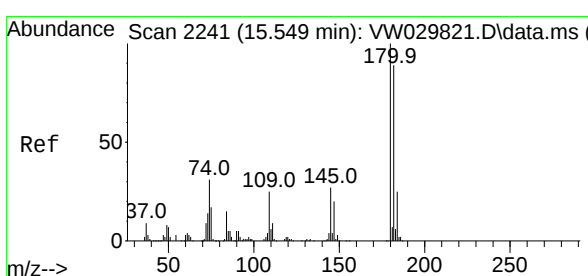
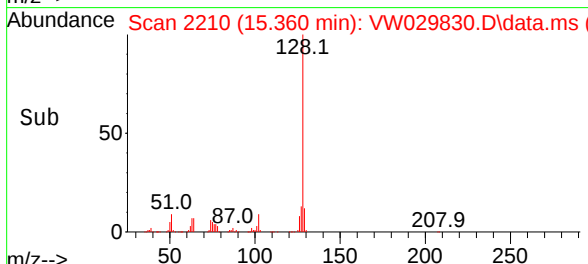
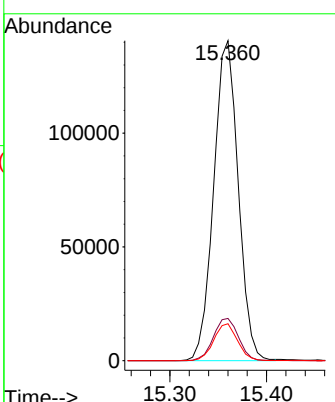
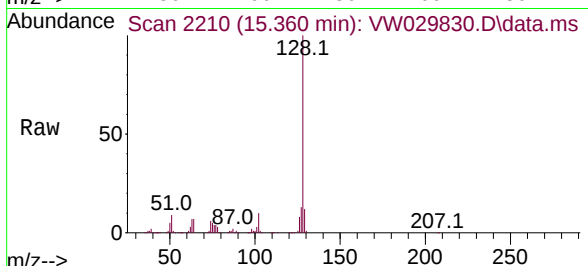


#71
Naphthalene
Concen: 30.937 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Instrument :
MSVOA_W
ClientSampleId :
VSTD025566

Tgt Ion:128 Resp: 247745

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.2	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 27.138 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW029830.D
Acq: 01 Aug 2024 16:32

Tgt Ion:180 Resp: 103087

Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.0	111.0
145	35.3	27.5	41.3

