

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052424\
 Data File : VW028725.D
 Acq On : 24 May 2024 11:21
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 24 23:49:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 24 00:17:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	293607	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	268203	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	143760	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	141891	25.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.800%
7) Chloroethane-d5	2.899	69	109741	25.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.840%
11) 1,1-Dichloroethene-d2	4.027	65	60226	25.855	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.400%
21) 2-Butanone-d5	7.075	46	58637	40.312	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.620%
24) Chloroform-d	7.648	84	258114	28.135	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.520%
26) 1,2-Dichloroethane-d4	8.306	65	138113	26.296	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	8.270	84	521159	29.124	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	116.480%
36) 1,2-Dichloropropane-d6	9.276	67	155538	28.886	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.560%
41) Toluene-d8	10.324	98	467063	29.474	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	117.880%
43) trans-1,3-Dichloroprop...	10.574	79	60193	27.788	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	111.160%
47) 2-Hexanone-d5	10.922	63	41631	44.827	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.660%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	111688	24.736	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.960%
66) 1,2-Dichlorobenzene-d4	13.848	152	150231	27.418	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.680%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.015	85	96275	22.564	ug/L	93
3) Chloromethane	2.222	50	122063	23.092	ug/L	97
5) Vinyl chloride	2.375	62	143918	24.184	ug/L	97
6) Bromomethane	2.795	94	85783	24.918	ug/L	97
8) Chloroethane	2.936	64	86592	25.514	ug/L	98
9) Trichlorofluoromethane	3.271	101	113259	23.181	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	123557	27.429	ug/L	97
12) 1,1-Dichloroethene	4.051	96	109333	27.057	ug/L	82
13) Acetone	4.118	43	47957	36.241	ug/L	96
14) Carbon disulfide	4.393	76	327025	23.946	ug/L	100
15) Methyl Acetate	4.673	43	50728	22.034	ug/L	100
16) Methylene chloride	4.923	84	122829	27.050	ug/L	91
17) trans-1,2-Dichloroethene	5.429	96	115082	27.356	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	162925	26.243	ug/L	99
19) 1,1-Dichloroethane	6.215	63	233591	28.001	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	127587	28.979	ug/L	93
22) 2-Butanone	7.173	43	65016	38.279	ug/L	97
23) Bromochloromethane	7.514	128	54796	28.532	ug/L	97
25) Chloroform	7.672	83	232740	28.844	ug/L	97

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 Response via : Initial Calibration

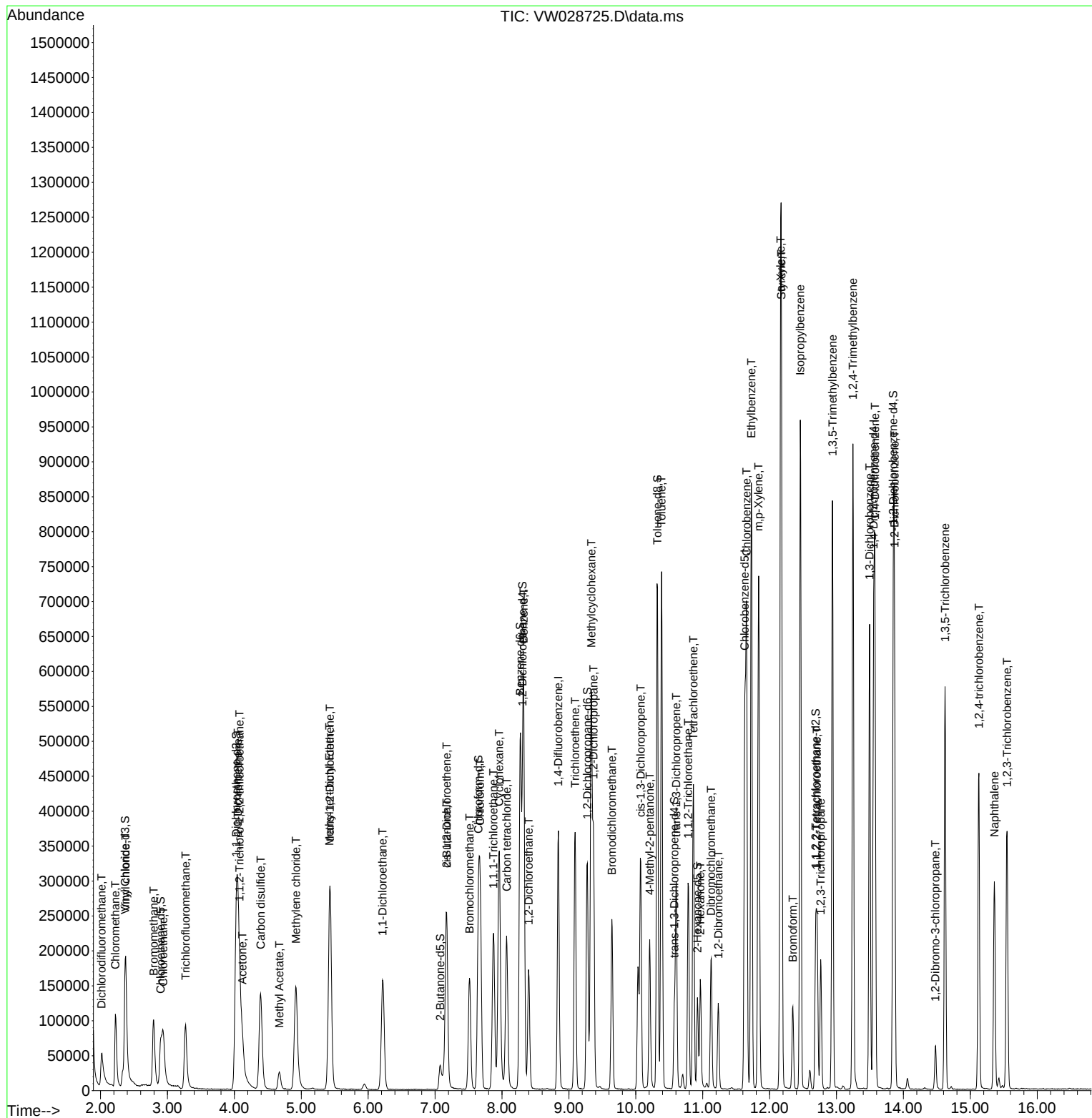
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	154366	26.318	ug/L	99
29) Cyclohexane	7.959	56	197520	25.829	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	182493	27.153	ug/L	99
31) Carbon tetrachloride	8.069	117	165445	26.999	ug/L	99
33) Benzene	8.325	78	502288	28.881	ug/L	100
34) Trichloroethene	9.093	95	131203	28.137	ug/L	96
35) Methylcyclohexane	9.337	83	219791	26.972	ug/L	98
37) 1,2-Dichloropropane	9.367	63	132226	29.177	ug/L	99
38) Bromodichloromethane	9.642	83	161947	29.315	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	192255	29.598	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	143801	46.622	ug/L	99
42) Toluene	10.385	91	528937	29.446	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	155790	28.446	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	91545	27.885	ug/L	95
46) Tetrachloroethene	10.861	164	97596	29.050	ug/L	98
48) 2-Hexanone	10.965	43	98463	45.217	ug/L	98
49) Dibromochloromethane	11.123	129	97011	29.461	ug/L	93
50) 1,2-Dibromoethane	11.233	107	82983	26.984	ug/L #	99
51) Chlorobenzene	11.653	112	329364	29.642	ug/L	98
52) Ethylbenzene	11.727	91	601129	29.571	ug/L	95
53) m,p-Xylene	11.836	106	220943	29.651	ug/L	94
54) o-Xylene	12.166	106	216091	31.347	ug/L	94
55) Styrene	12.178	104	376591	32.240	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	108192	26.268	ug/L	92
59) Bromoform	12.348	173	52045	24.815	ug/L	98
60) Isopropylbenzene	12.458	105	584955	26.820	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76391	21.988	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	437490	28.351	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	476933	28.684	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	250319	27.589	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	250929	27.051	ug/L	87
67) 1,2-Dichlorobenzene	13.866	146	220006	27.092	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	16214	19.960	ug/L	96
69) 1,3,5-Trichlorobenzene	14.622	180	171072	28.098	ug/L	99
70) 1,2,4-trichlorobenzene	15.128	180	137642	27.979	ug/L	96
71) Naphthalene	15.360	128	249980	23.850	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	126765	28.556	ug/L	95

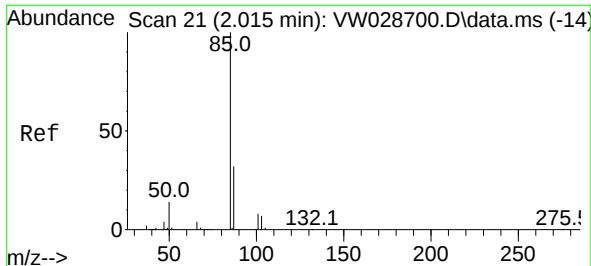
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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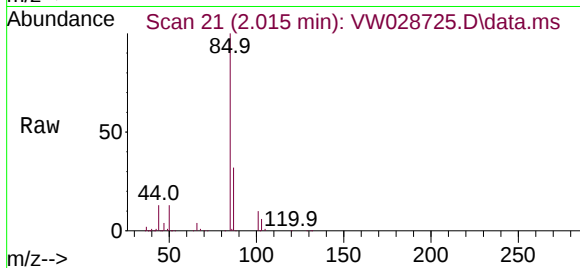
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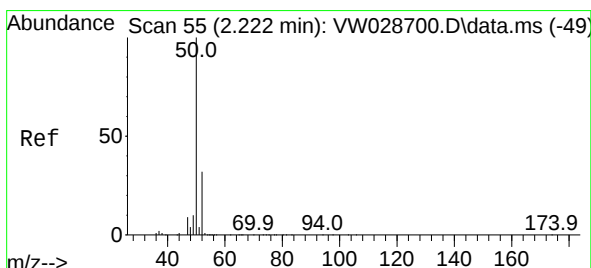
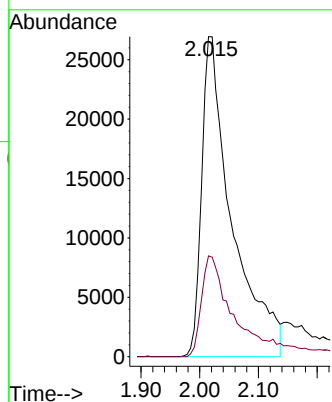
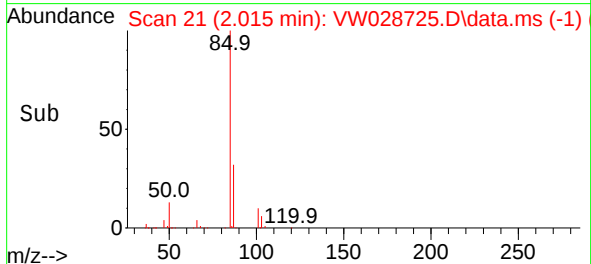


#2
 Dichlorodifluoromethane
 Concen: 22.564 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028725.D
 Acq: 24 May 2024 11:21

Instrument :
 MSVOA_W
 ClientSampleId :

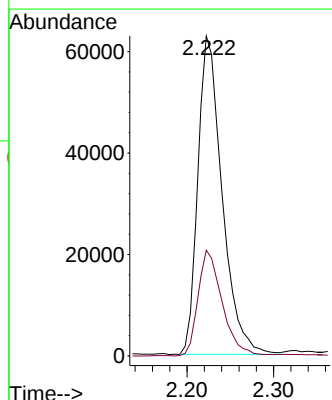
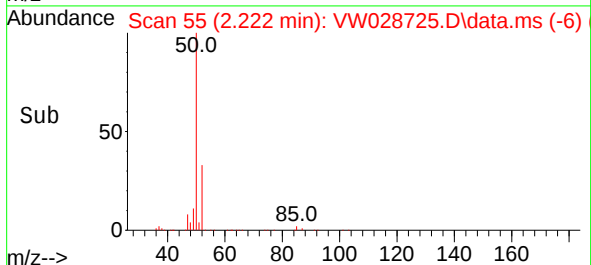
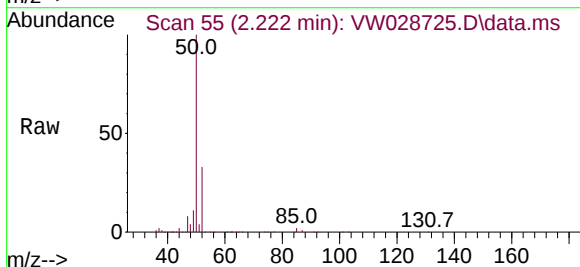


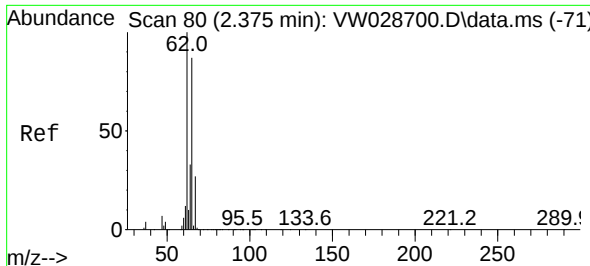
Tgt Ion: 85 Resp: 96275
 Ion Ratio Lower Upper
 85 100
 87 31.3 21.9 32.9



#3
 Chloromethane
 Concen: 23.092 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028725.D
 Acq: 24 May 2024 11:21

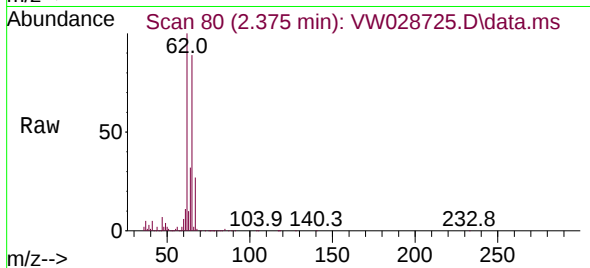
Tgt Ion: 50 Resp: 122063
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0



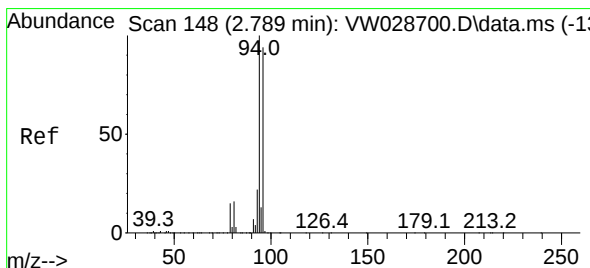
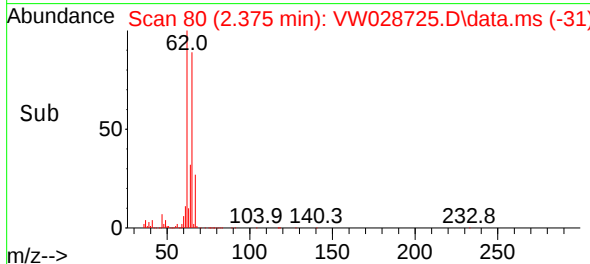
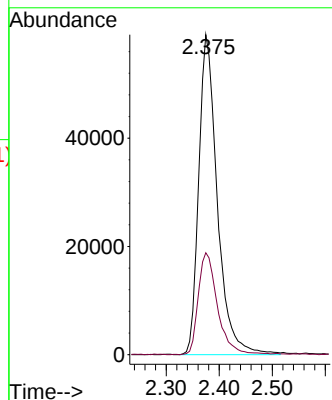


#5
Vinyl chloride
Concen: 24.184 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Instrument :
MSVOA_W
ClientSampleId :

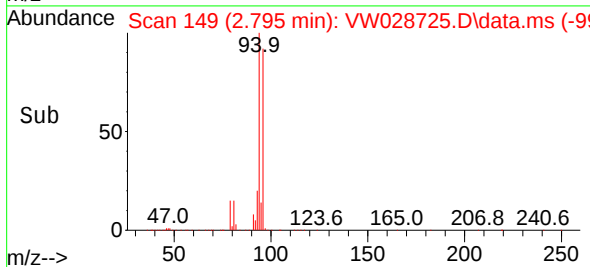
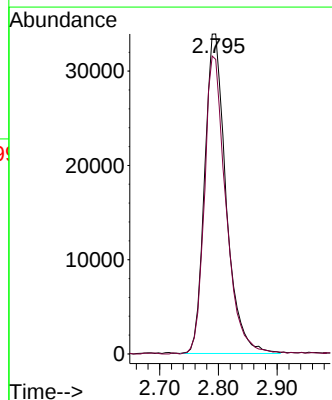
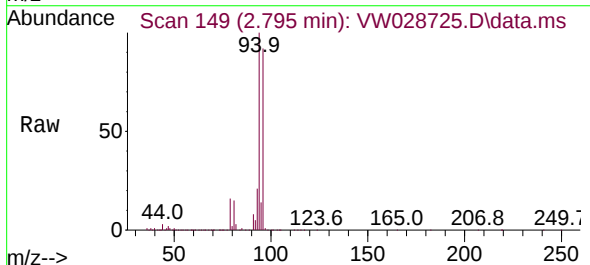


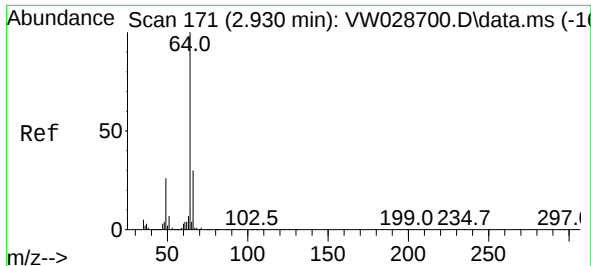
Tgt Ion: 62 Resp: 143918
Ion Ratio Lower Upper
62 100
64 31.8 23.3 43.3



#6
Bromomethane
Concen: 24.918 ug/L
RT: 2.795 min Scan# 149
Delta R.T. 0.006 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion: 94 Resp: 85783
Ion Ratio Lower Upper
94 100
96 92.1 66.3 123.1

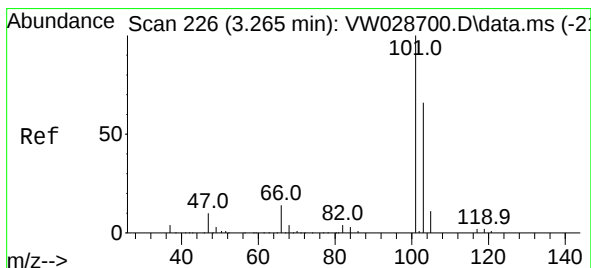
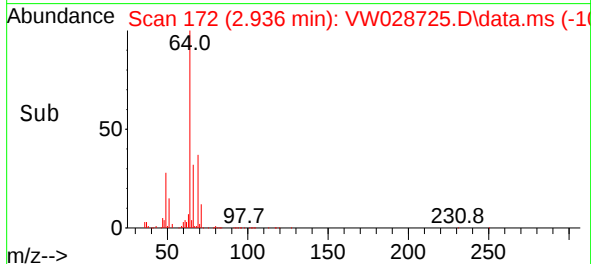
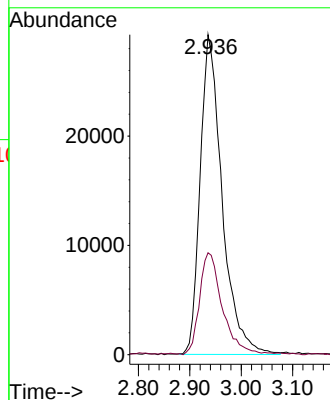
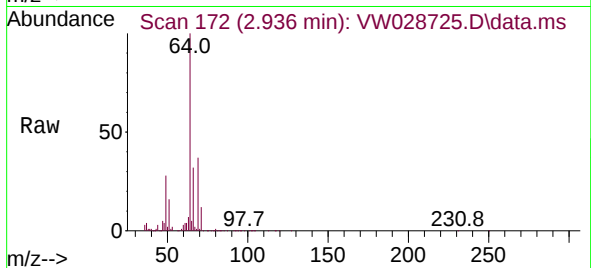




#8
Chloroethane
Concen: 25.514 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

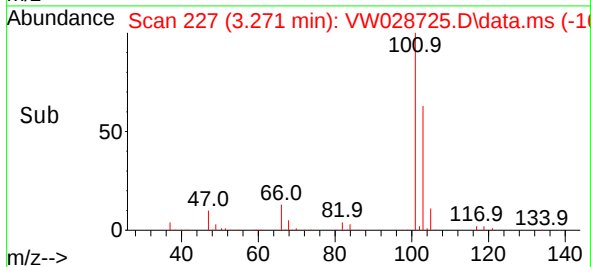
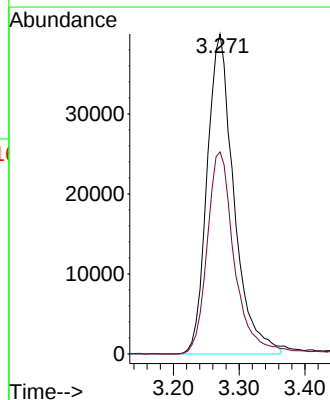
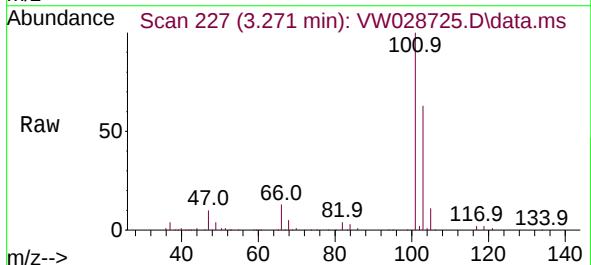
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MSVOA_W
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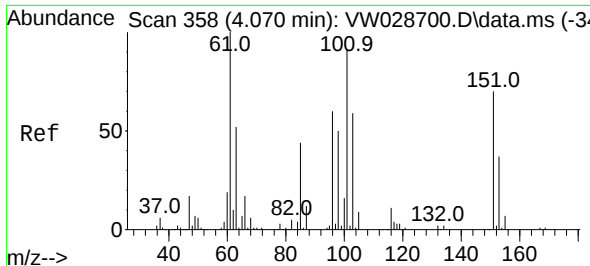
Tgt Ion: 64 Resp: 86592
Ion Ratio Lower Upper
64 100
66 31.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 23.181 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion:101 Resp: 113259
Ion Ratio Lower Upper
101 100
103 64.3 50.4 75.6





#10

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

Concen: 27.429 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

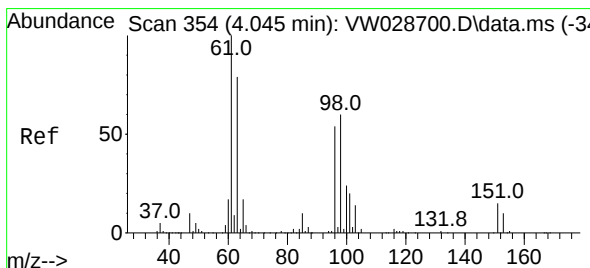
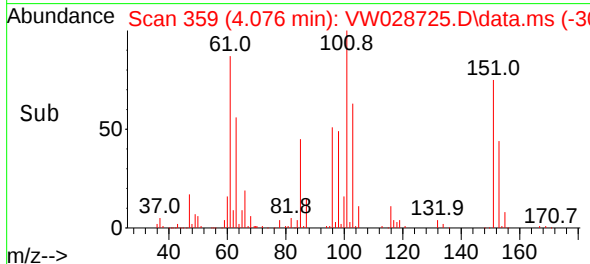
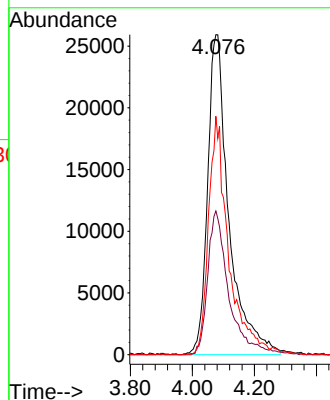
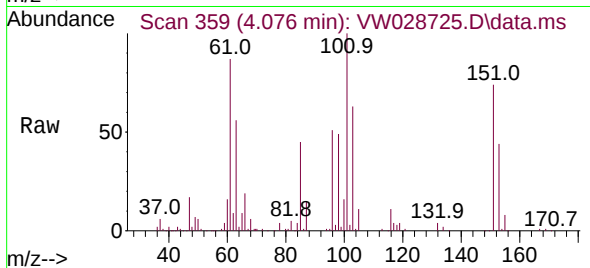
Tgt Ion:101 Resp: 123557

Ion Ratio Lower Upper

101 100

85 41.2 35.8 53.8

151 63.5 49.6 74.4



#12

1,1-Dichloroethene

Concen: 27.057 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW028725.D

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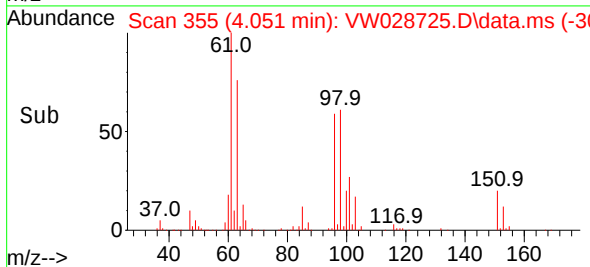
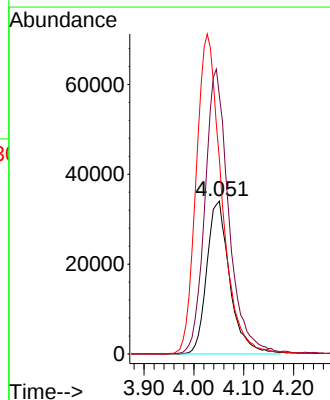
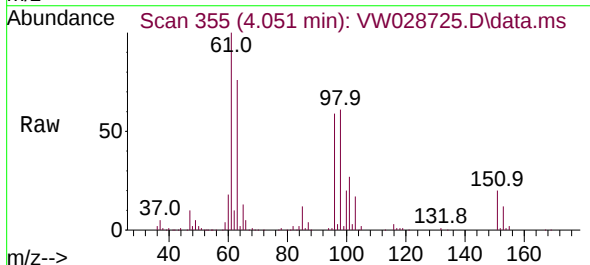
Tgt Ion: 96 Resp: 109333

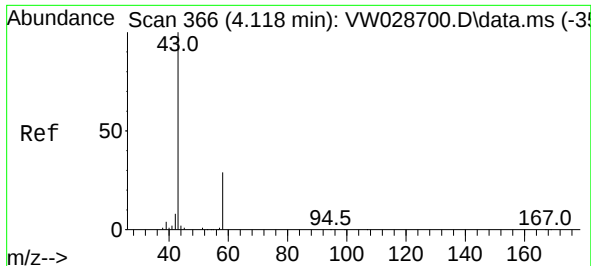
Ion Ratio Lower Upper

96 100

61 168.8 131.6 244.4

63 127.6 111.4 206.8

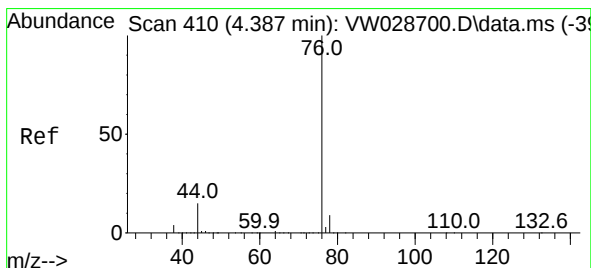
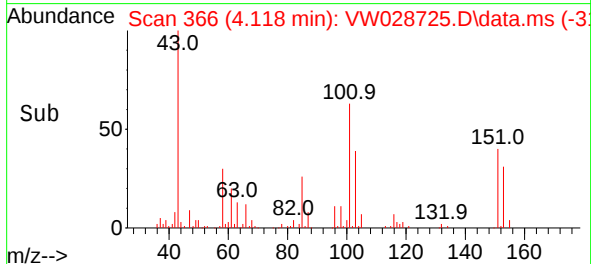
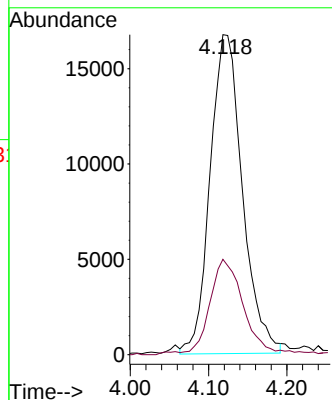
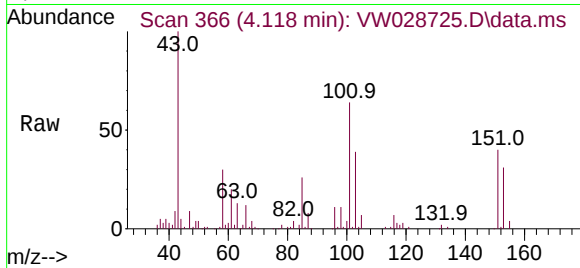




#13
Acetone
Concen: 36.241 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
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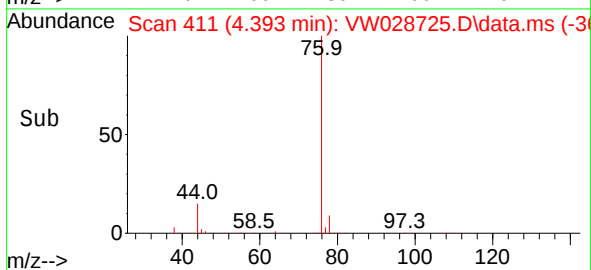
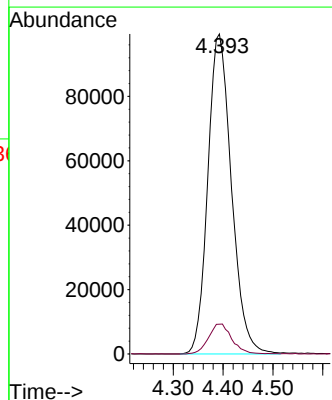
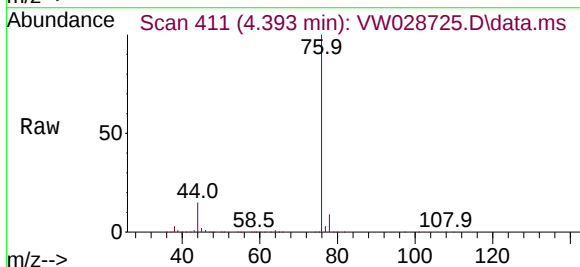
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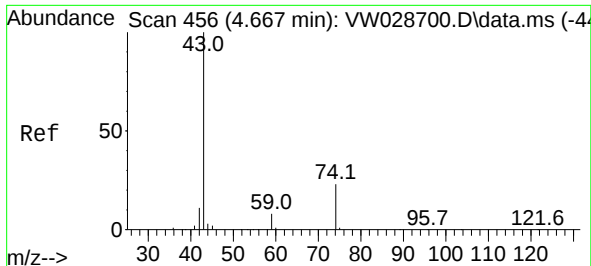
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Ion Ratio Lower Upper
43 100
58 29.2 0.0 54.4



#14
Carbon disulfide
Concen: 23.946 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion: 76 Resp: 327025
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0





#15

Methyl Acetate

Concen: 22.034 ug/L

RT: 4.673 min Scan# 4

Delta R.T. 0.006 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

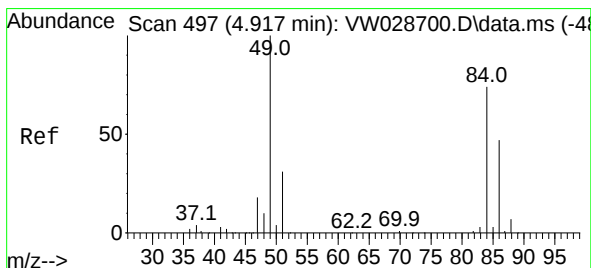
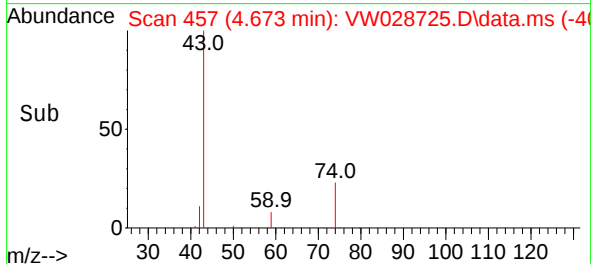
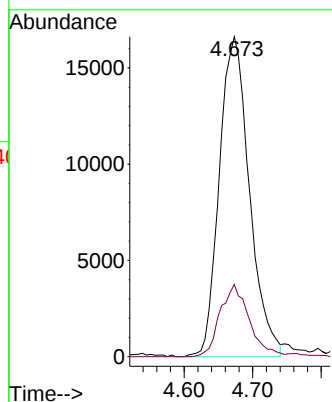
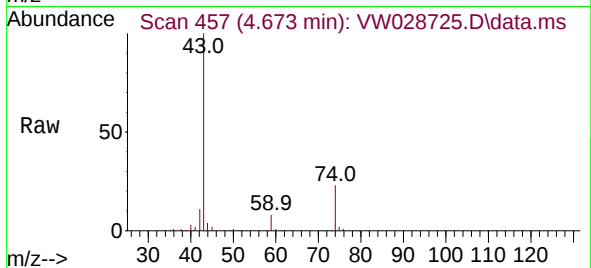
ClientSampleId :

Tgt Ion: 43 Resp: 50728

Ion Ratio Lower Upper

43 100

74 21.8 17.6 26.4



#16

Methylene chloride

Concen: 27.050 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

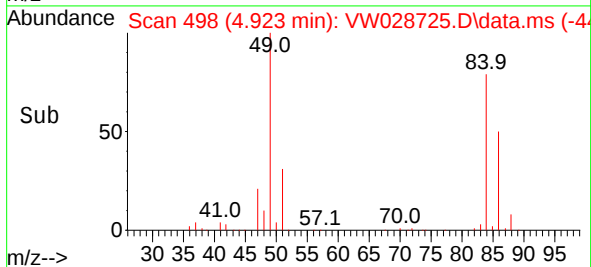
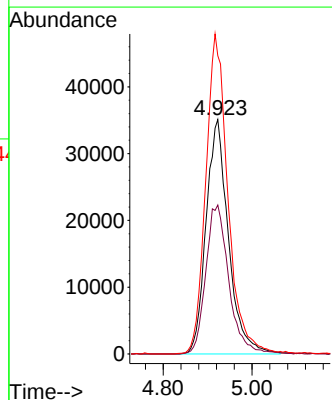
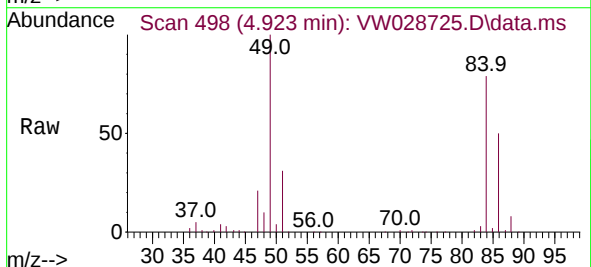
Tgt Ion: 84 Resp: 122829

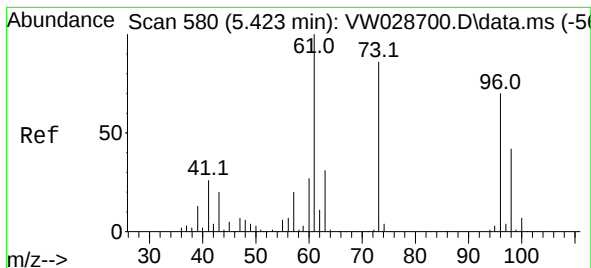
Ion Ratio Lower Upper

84 100

86 63.6 44.4 82.4

49 127.3 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 27.356 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

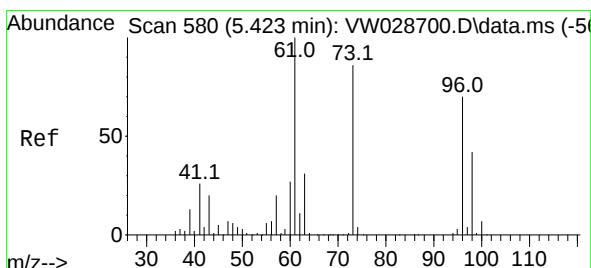
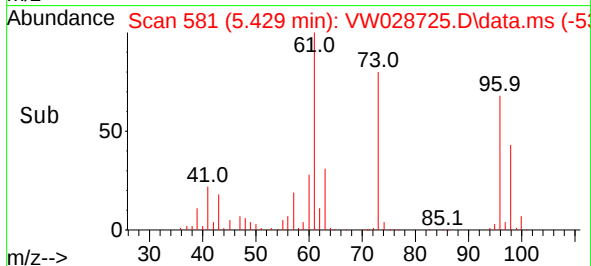
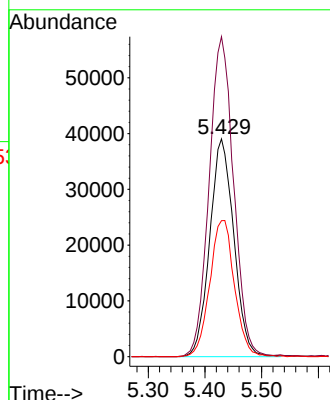
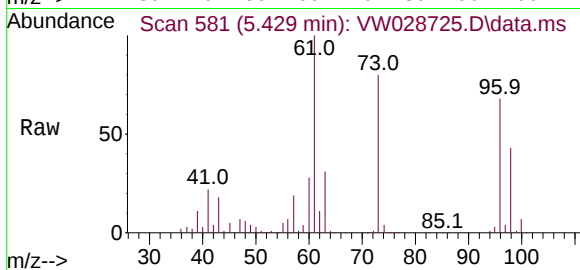
Tgt Ion: 96 Resp: 115082

Ion Ratio Lower Upper

96 100

61 147.0 109.0 202.4

98 62.5 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 26.243 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

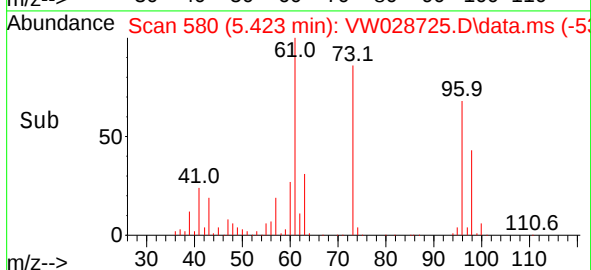
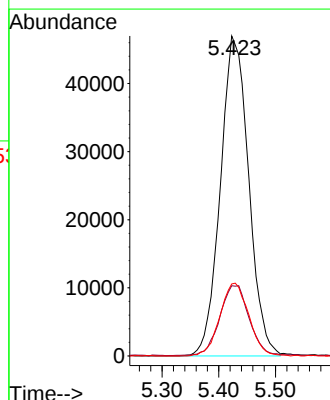
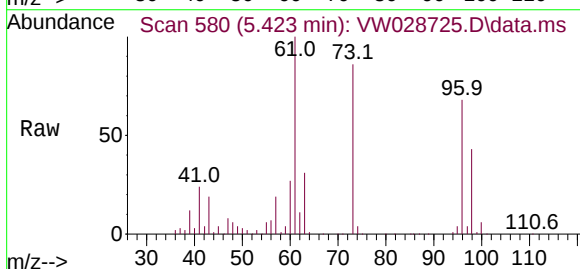
Tgt Ion: 73 Resp: 162925

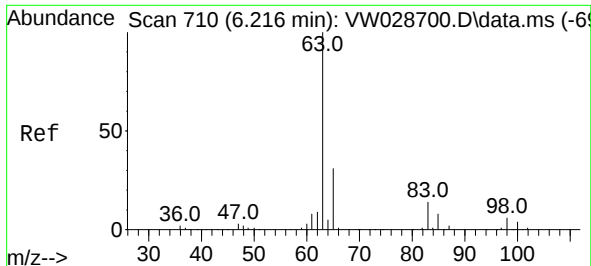
Ion Ratio Lower Upper

73 100

43 22.7 19.2 28.8

57 23.2 18.5 27.7





#19

1,1-Dichloroethane

Concen: 28.001 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

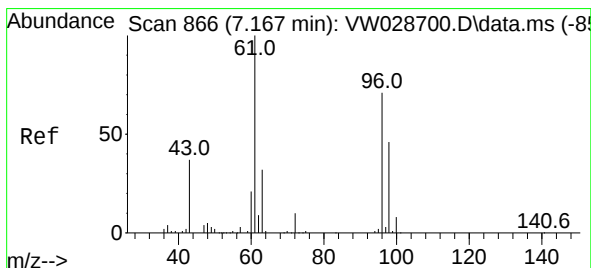
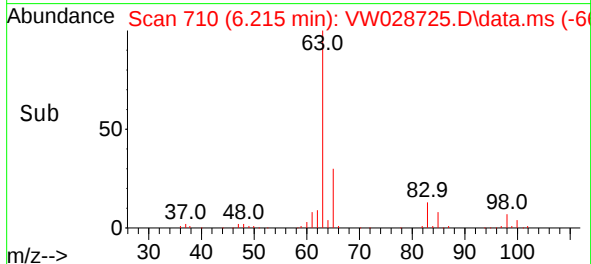
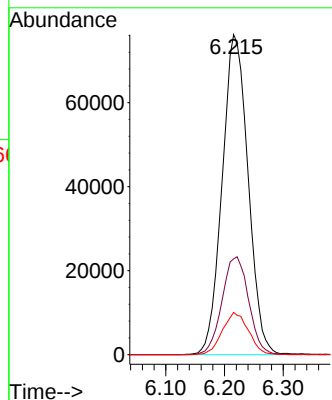
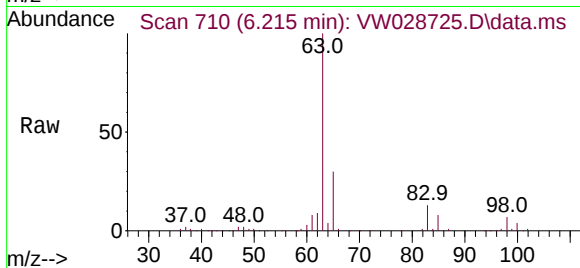
Tgt Ion: 63 Resp: 233591

Ion Ratio Lower Upper

63 100

65 30.0 22.9 42.5

83 13.2 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 28.979 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

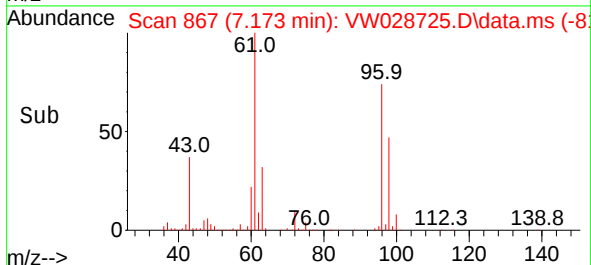
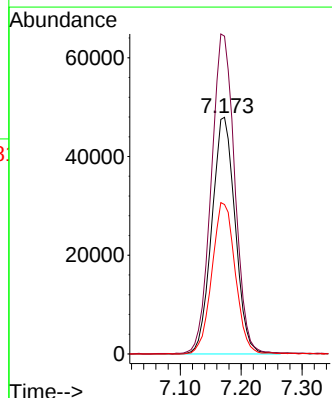
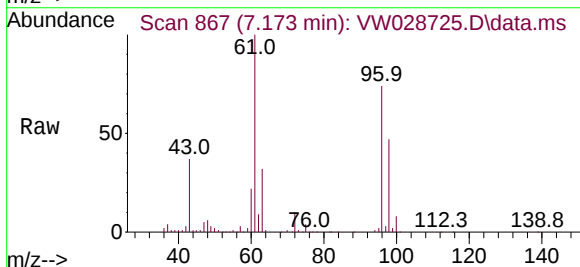
Tgt Ion: 96 Resp: 127587

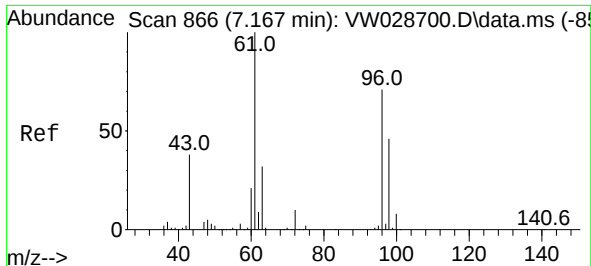
Ion Ratio Lower Upper

96 100

61 134.3 102.8 191.0

98 63.2 44.3 82.3

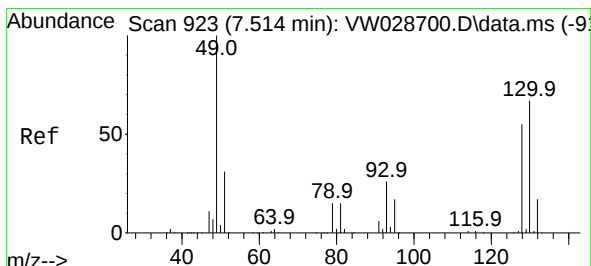
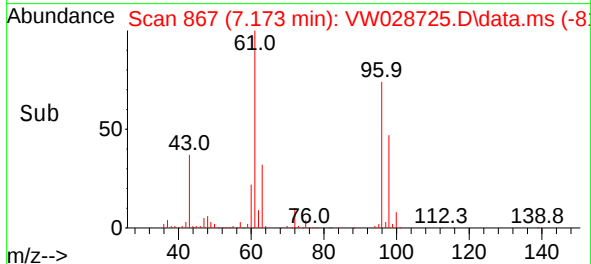
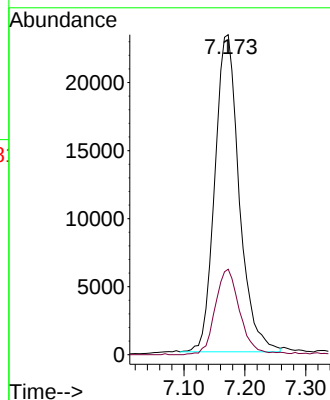
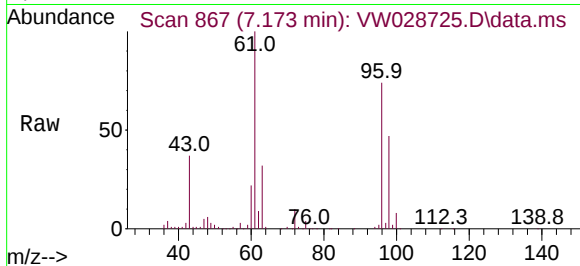




#22
2-Butanone
Concen: 38.279 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

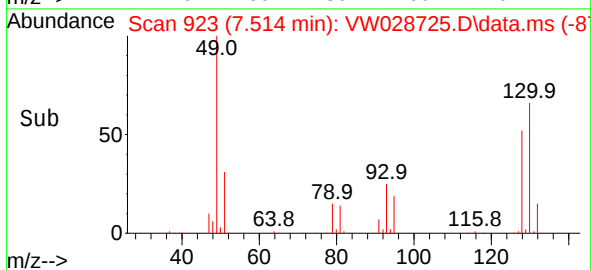
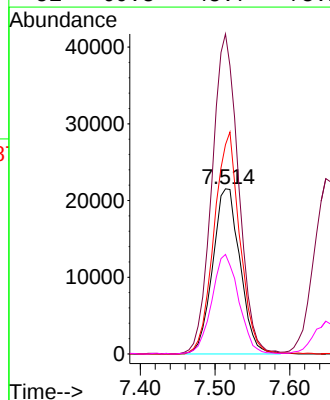
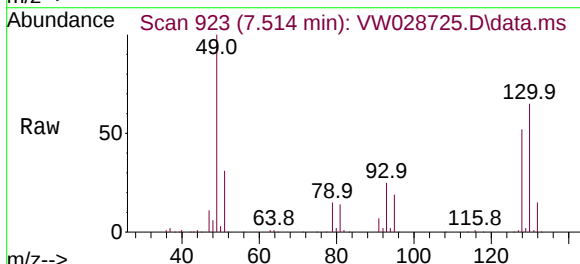
Instrument :
MSVOA_W
ClientSampleId :

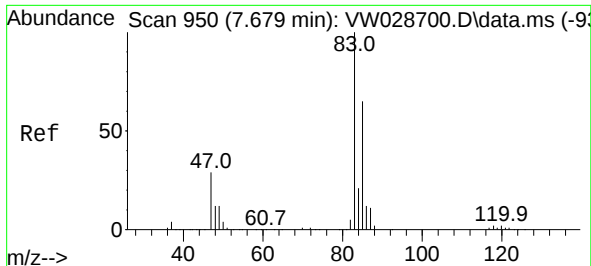
Tgt Ion: 43 Resp: 65016
Ion Ratio Lower Upper
43 100
72 25.8 12.2 36.6



#23
Bromochloromethane
Concen: 28.532 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion: 128 Resp: 54796
Ion Ratio Lower Upper
128 100
49 193.8 139.6 259.2
130 126.8 91.2 169.4
51 60.3 48.7 73.1





#25

Chloroform

Concen: 28.844 ug/L

RT: 7.672 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

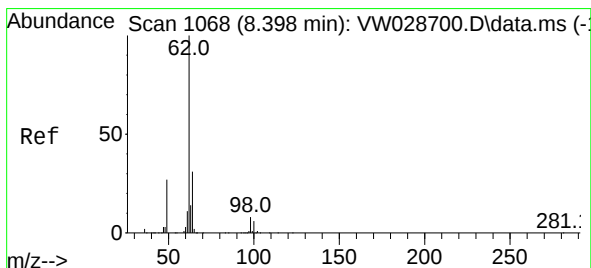
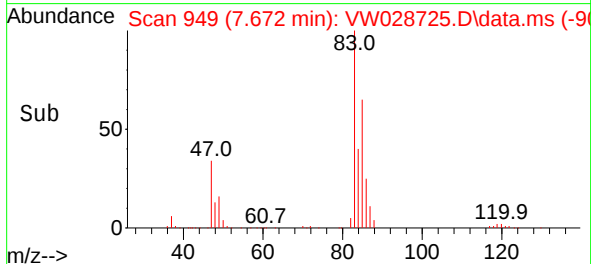
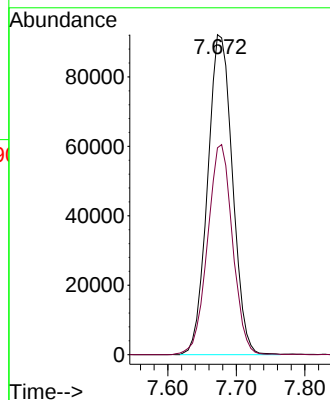
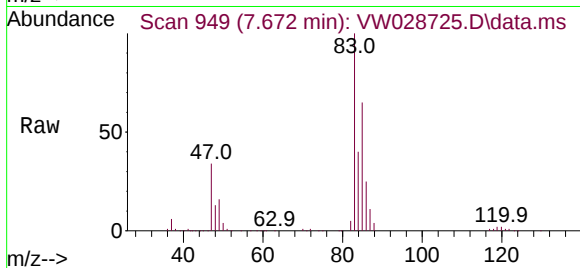
ClientSampleId :

Tgt Ion: 83 Resp: 232740

Ion Ratio Lower Upper

83 100

85 64.6 43.4 80.6



#27

1,2-Dichloroethane

Concen: 26.318 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028725.D

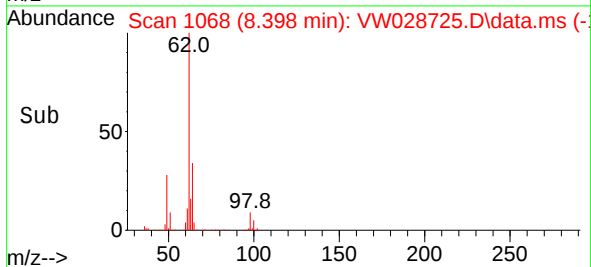
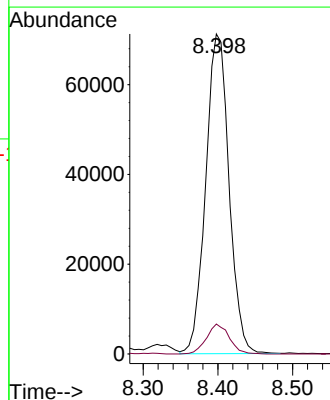
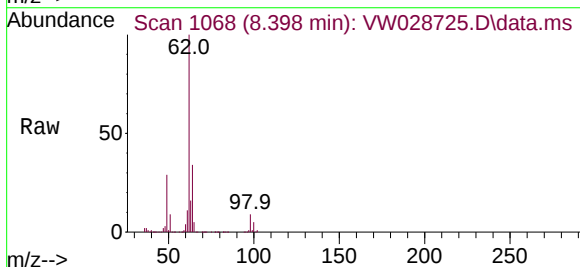
Acq: 24 May 2024 11:21

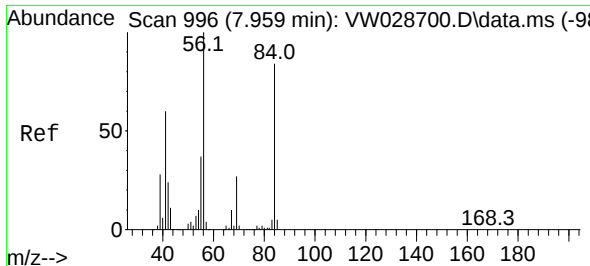
Tgt Ion: 62 Resp: 154366

Ion Ratio Lower Upper

62 100

98 9.3 7.0 10.6





#29

Cyclohexane

Concen: 25.829 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

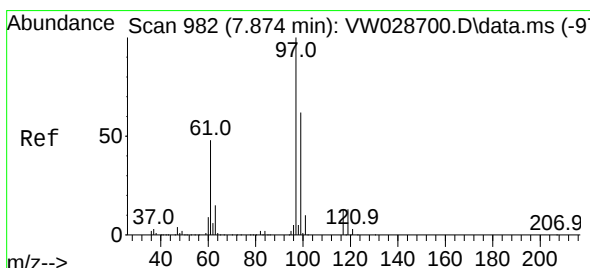
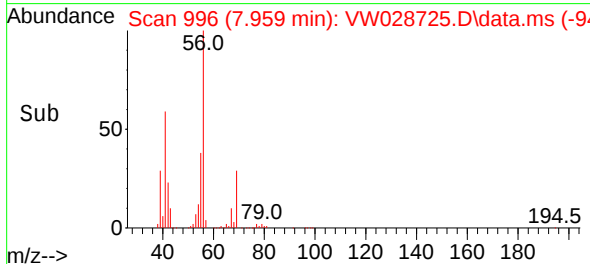
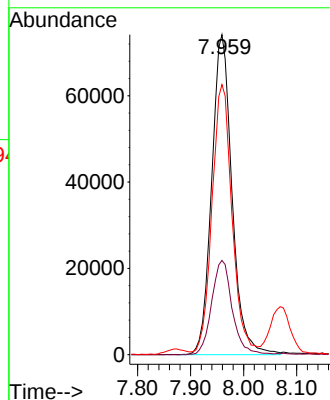
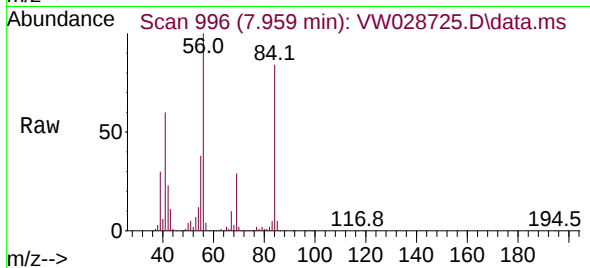
Tgt Ion: 56 Resp: 197520

Ion Ratio Lower Upper

56 100

69 29.8 23.4 35.0

84 82.7 65.8 98.8



#30

1,1,1-Trichloroethane

Concen: 27.153 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

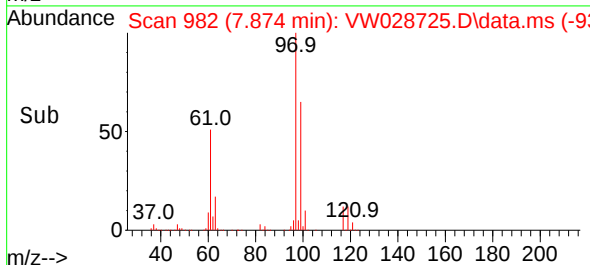
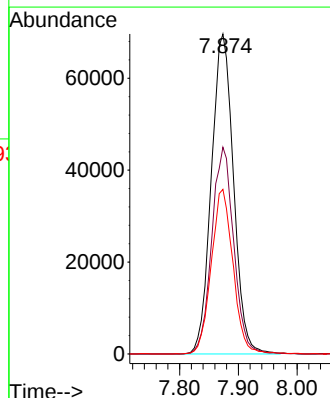
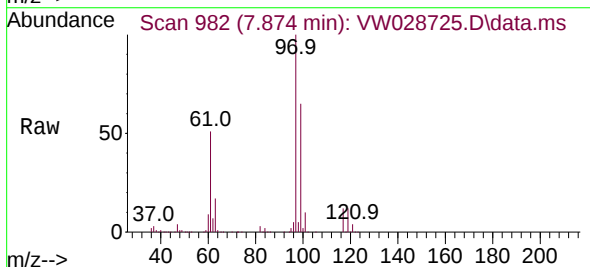
Tgt Ion: 97 Resp: 182493

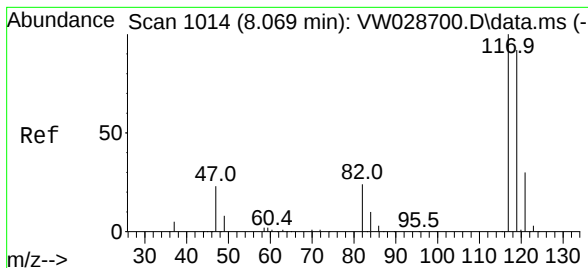
Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 50.4 41.0 61.6





#31

Carbon tetrachloride

Concen: 26.999 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

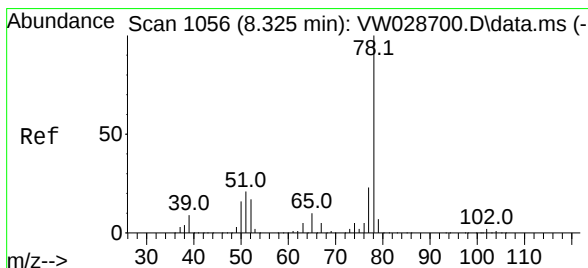
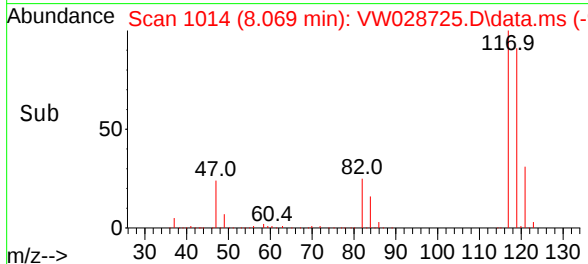
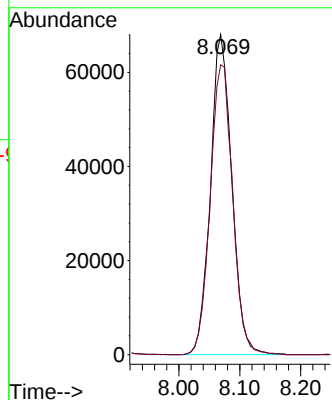
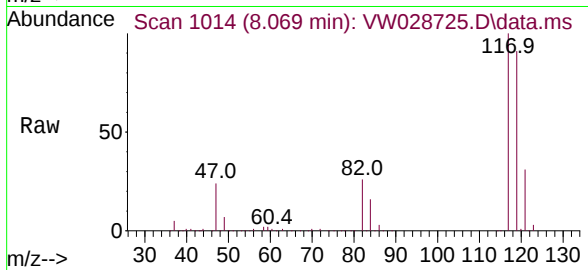
ClientSampleId :

Tgt Ion:117 Resp: 165445

Ion Ratio Lower Upper

117 100

119 95.5 77.2 115.8



#33

Benzene

Concen: 28.881 ug/L

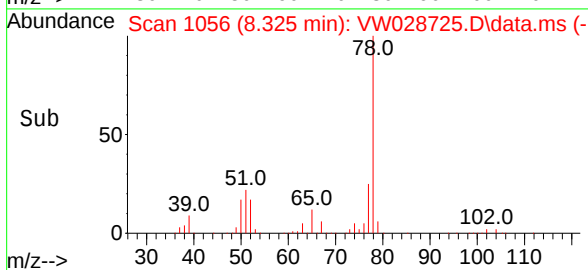
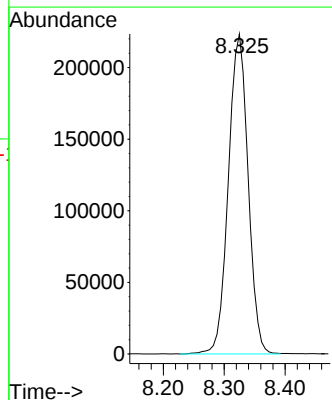
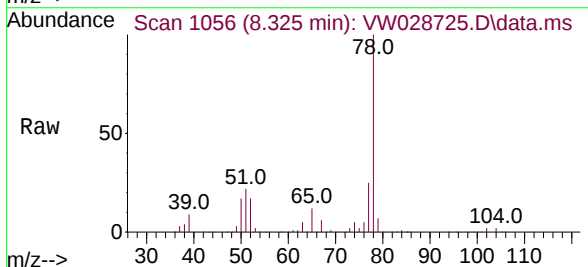
RT: 8.325 min Scan# 1056

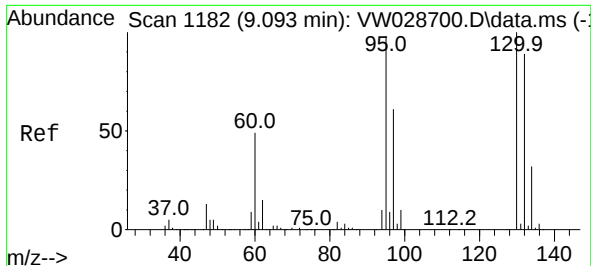
Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Tgt Ion: 78 Resp: 502288





#34

Trichloroethene

Concen: 28.137 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

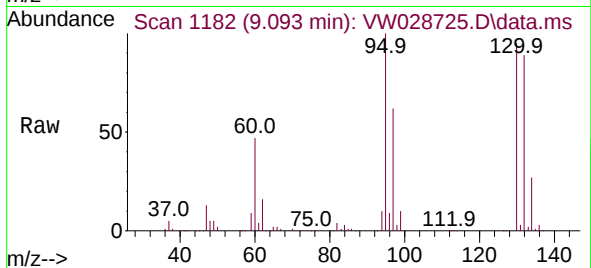
Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 131203

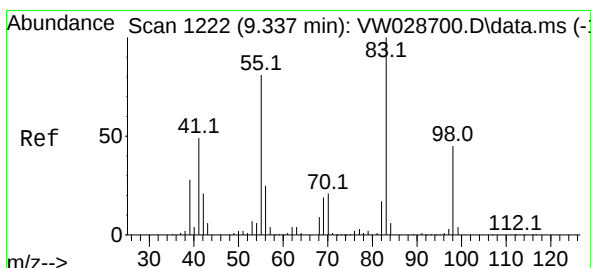
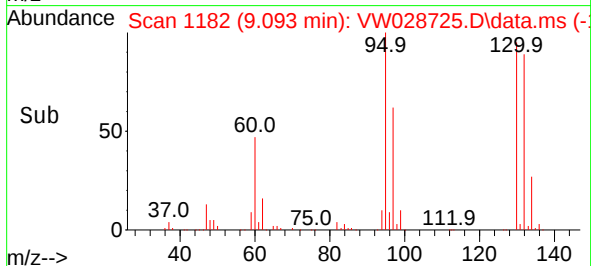
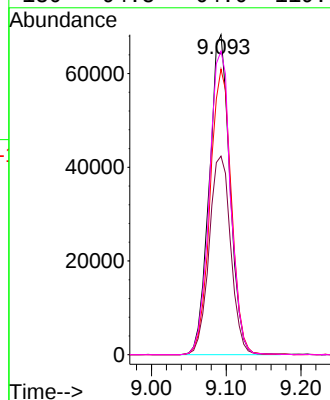
Ion Ratio Lower Upper

95 100

97 62.0 44.9 83.3

132 89.2 59.7 110.9

130 94.8 64.0 119.0



#35

Methylcyclohexane

Concen: 26.972 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

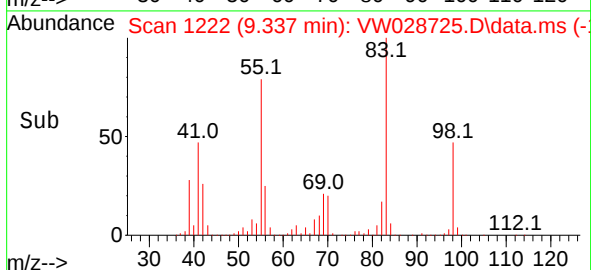
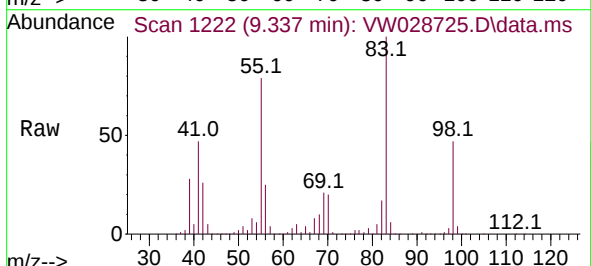
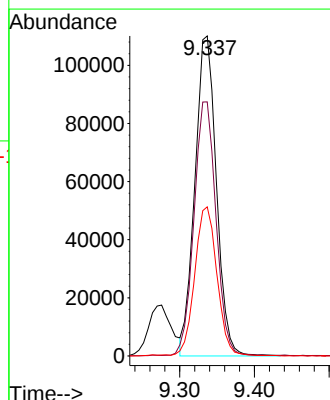
Tgt Ion: 83 Resp: 219791

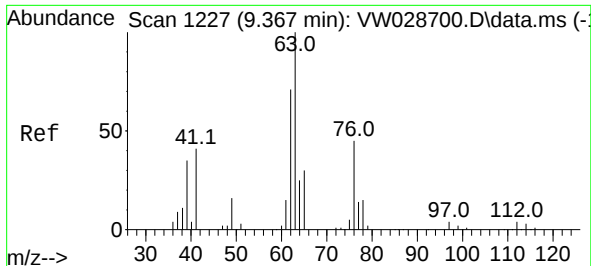
Ion Ratio Lower Upper

83 100

55 81.6 66.9 100.3

98 48.2 37.9 56.9





#37

1,2-Dichloropropane

Concen: 29.177 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

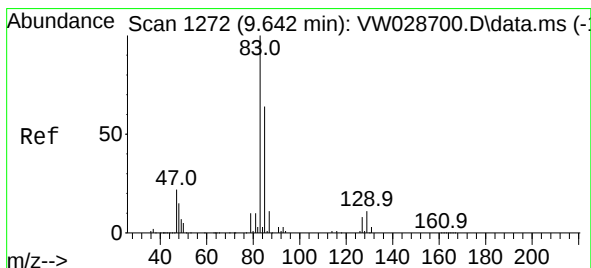
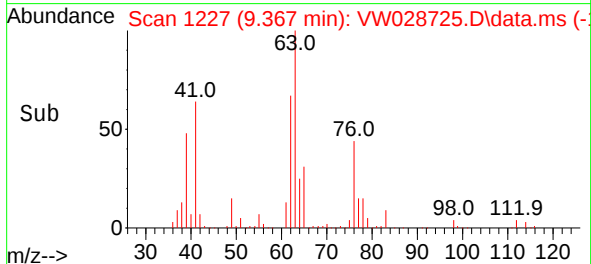
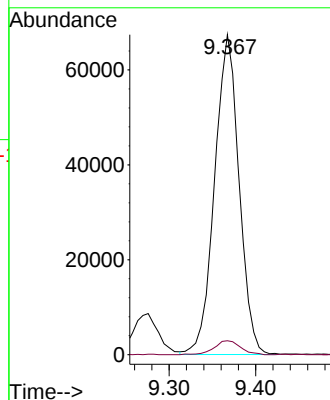
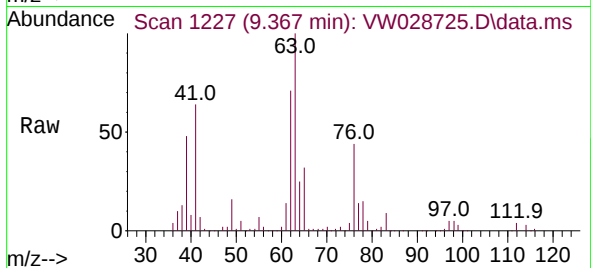
ClientSampleId :

Tgt Ion: 63 Resp: 132226

Ion Ratio Lower Upper

63 100

112 4.6 3.5 5.3



#38

Bromodichloromethane

Concen: 29.315 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

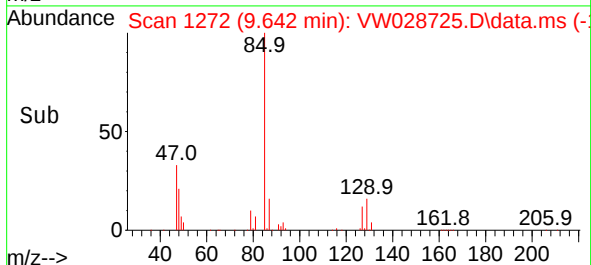
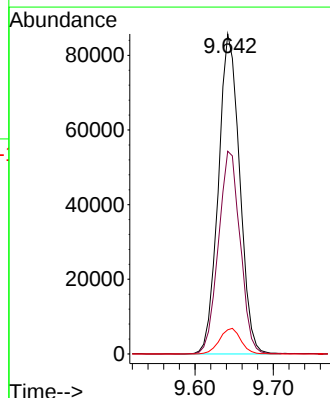
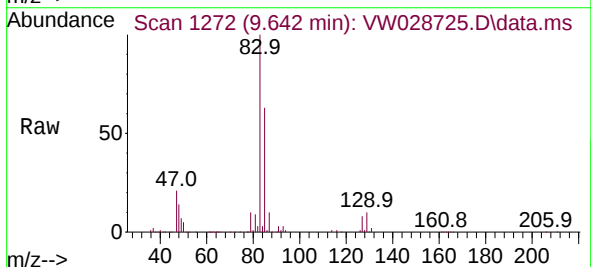
Tgt Ion: 83 Resp: 161947

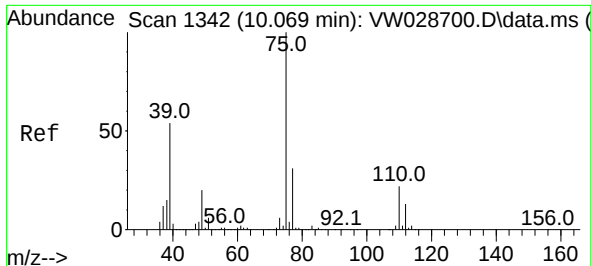
Ion Ratio Lower Upper

83 100

85 63.4 43.0 80.0

127 7.6 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 29.598 ug/L

RT: 10.074 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

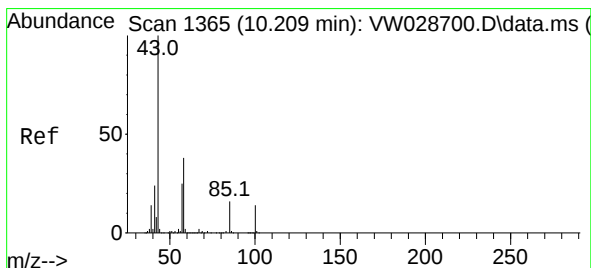
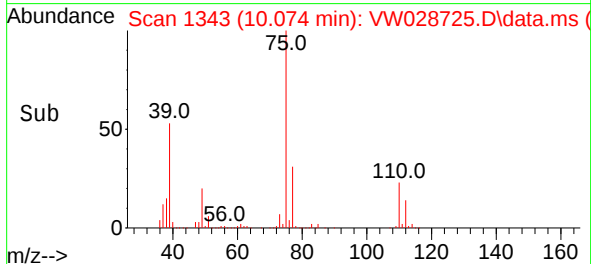
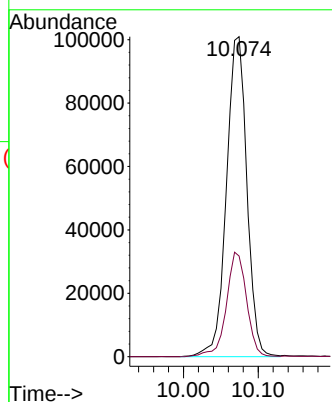
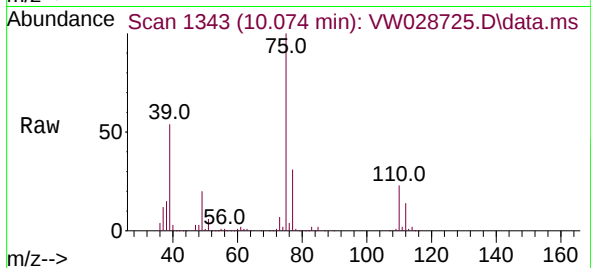
ClientSampleId :

Tgt Ion: 75 Resp: 192255

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.622 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

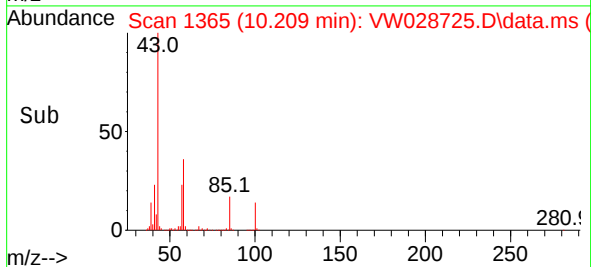
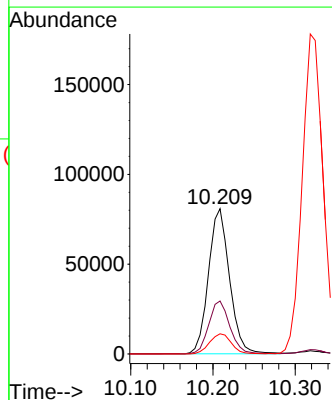
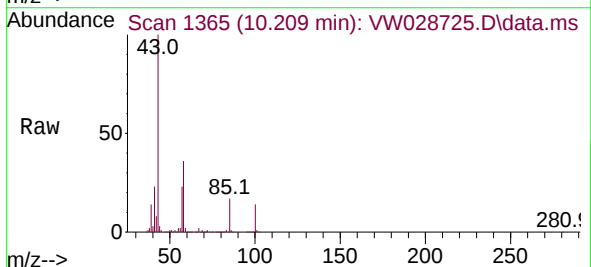
Tgt Ion: 43 Resp: 143801

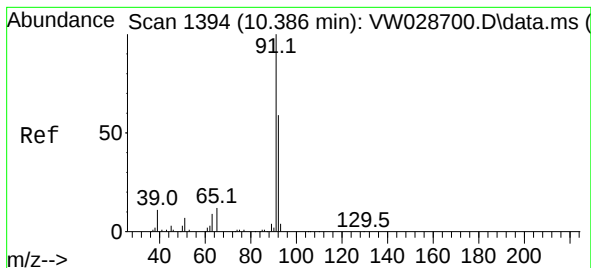
Ion Ratio Lower Upper

43 100

58 36.6 29.2 43.8

100 14.4 11.0 16.4





#42

Toluene

Concen: 29.446 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

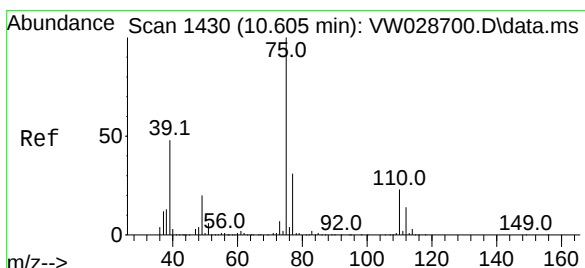
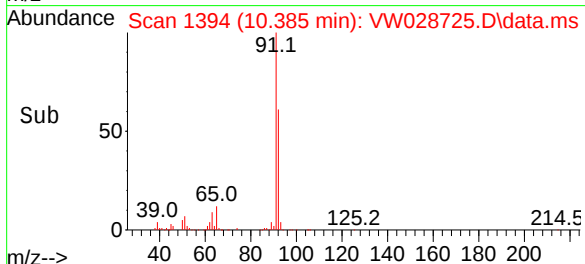
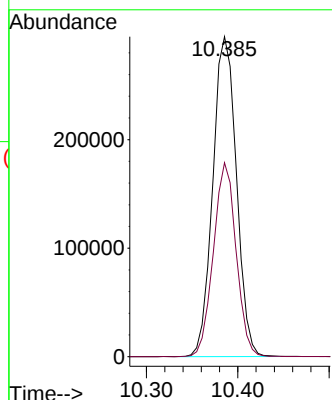
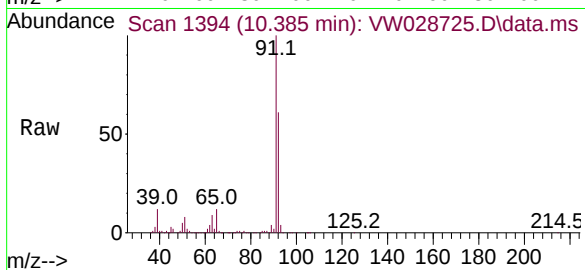
ClientSampleId :

Tgt Ion: 91 Resp: 528937

Ion Ratio Lower Upper

91 100

92 60.6 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 28.446 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028725.D

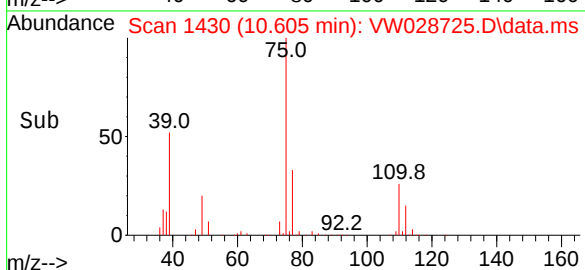
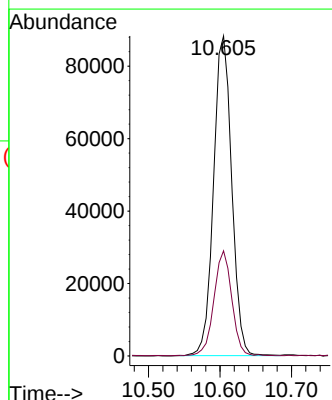
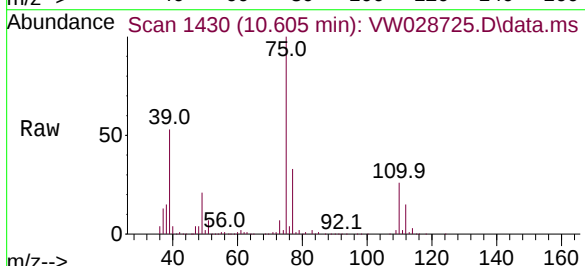
Acq: 24 May 2024 11:21

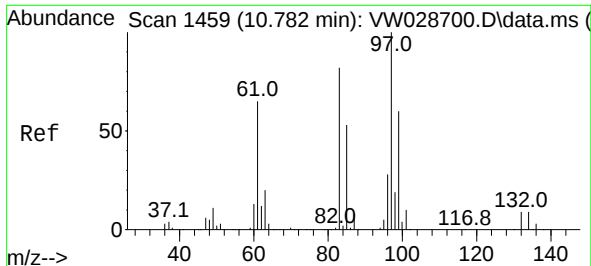
Tgt Ion: 75 Resp: 155790

Ion Ratio Lower Upper

75 100

77 32.8 22.5 41.9

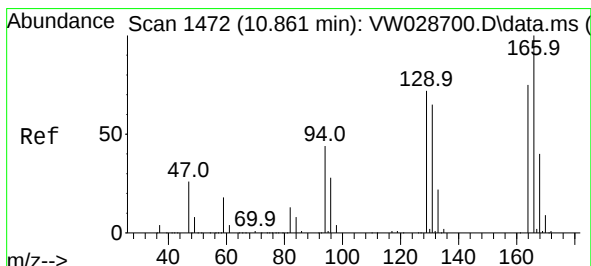
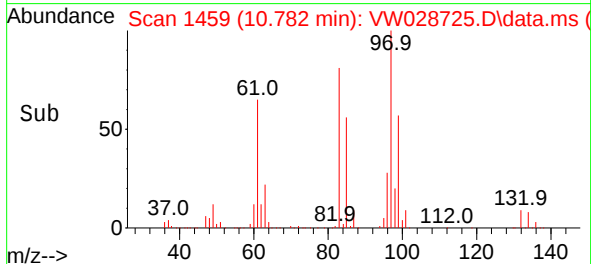
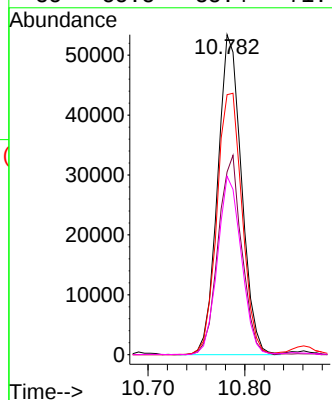
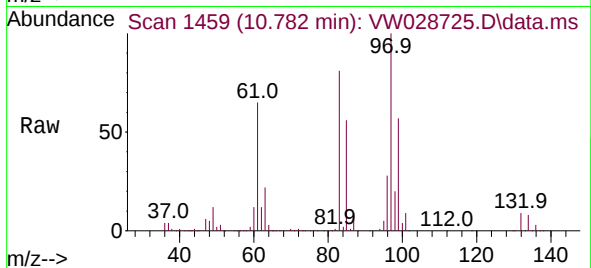




#45
1,1,2-Trichloroethane
Concen: 27.885 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

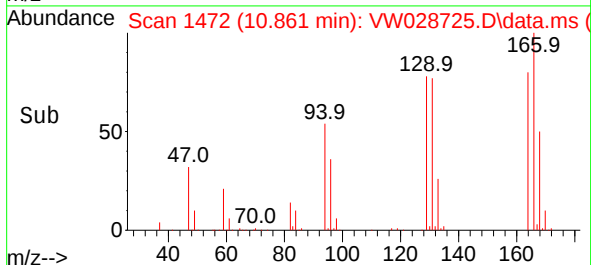
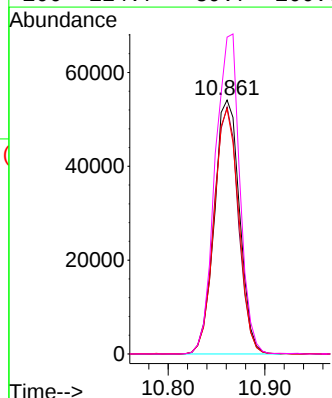
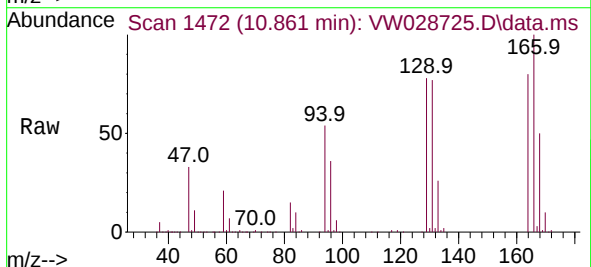
Instrument :
MSVOA_W
ClientSampleId :

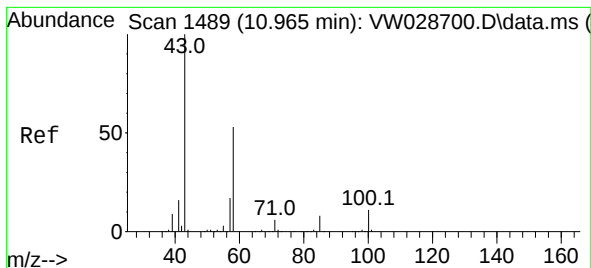
Tgt Ion:	97	Resp:	91545
Ion	Ratio	Lower	Upper
97	100		
99	57.1	41.9	77.9
83	81.2	62.1	115.3
85	55.8	38.4	71.4



#46
Tetrachloroethene
Concen: 29.050 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion:	164	Resp:	97596
Ion	Ratio	Lower	Upper
164	100		
129	97.2	69.2	128.6
131	96.5	67.7	125.7
166	124.7	89.7	166.7

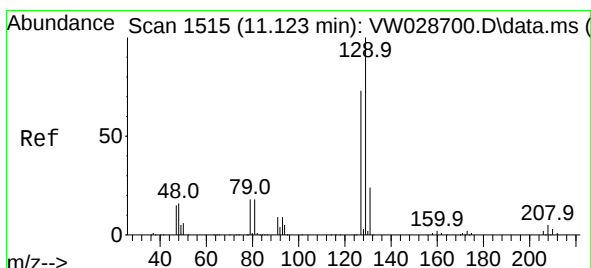
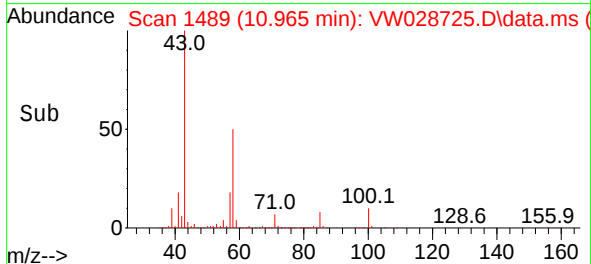
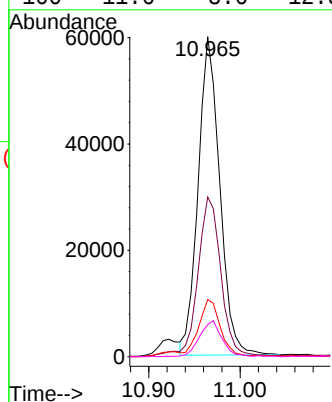
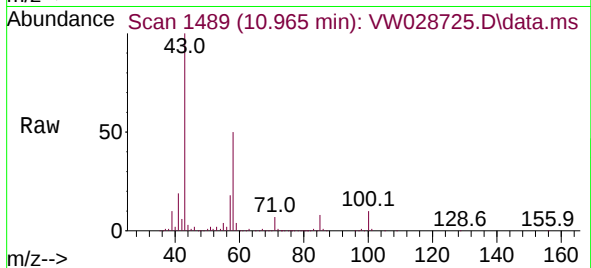




#48
2-Hexanone
Concen: 45.217 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

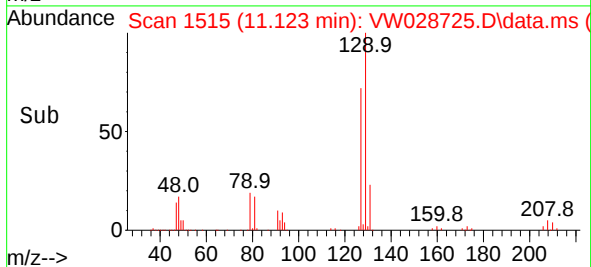
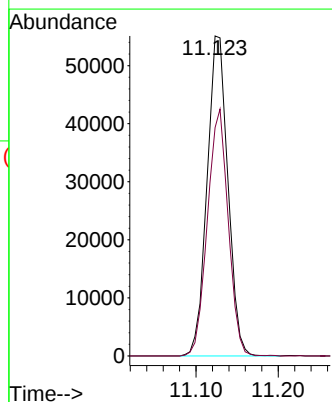
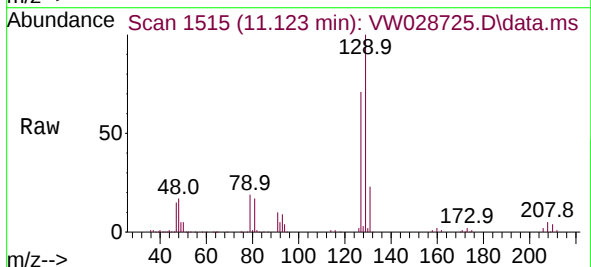
Instrument :
MSVOA_W
ClientSampleId :

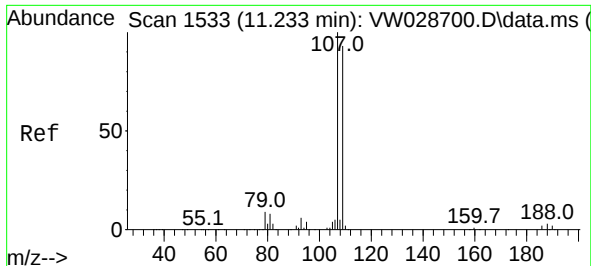
Tgt Ion: 43 Resp: 98463
Ion Ratio Lower Upper
43 100
58 52.2 41.0 61.4
57 17.6 14.8 22.2
100 11.6 8.6 12.8



#49
Dibromochloromethane
Concen: 29.461 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion: 129 Resp: 97011
Ion Ratio Lower Upper
129 100
127 71.4 54.3 100.8





#50

1,2-Dibromoethane

Concen: 26.984 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

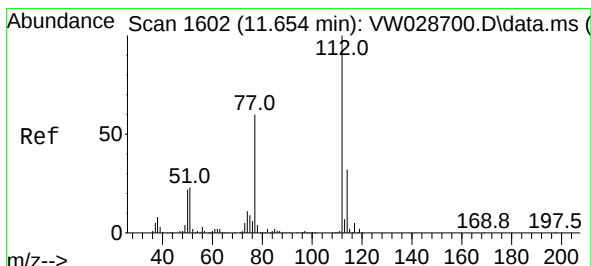
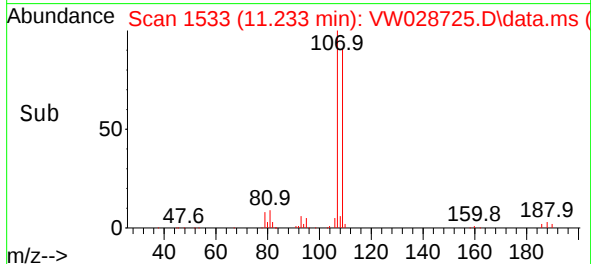
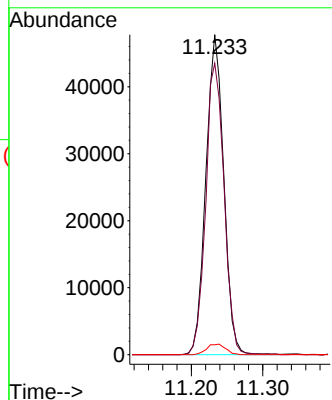
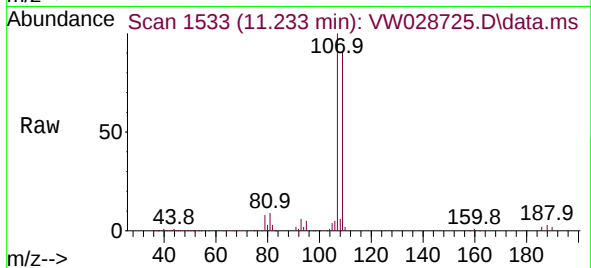
Tgt Ion:107 Resp: 82983

Ion Ratio Lower Upper

107 100

109 91.1 64.2 119.2

188 3.1 3.1 4.7#



#51

Chlorobenzene

Concen: 29.642 ug/L

RT: 11.653 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

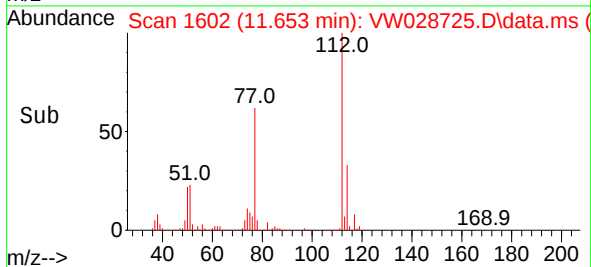
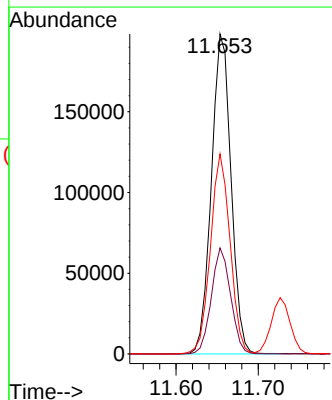
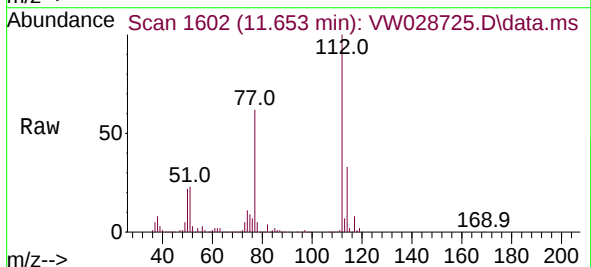
Tgt Ion:112 Resp: 329364

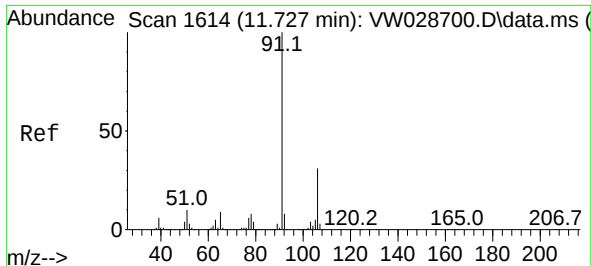
Ion Ratio Lower Upper

112 100

114 33.1 22.2 41.2

77 62.5 50.8 76.2

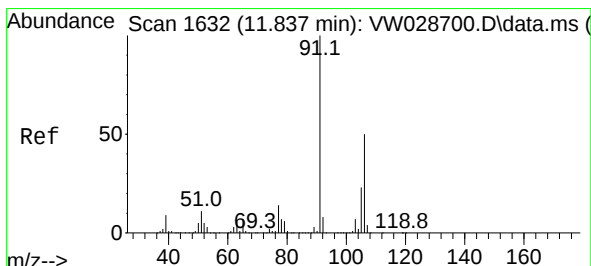
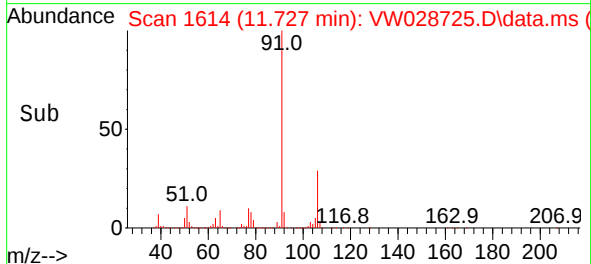
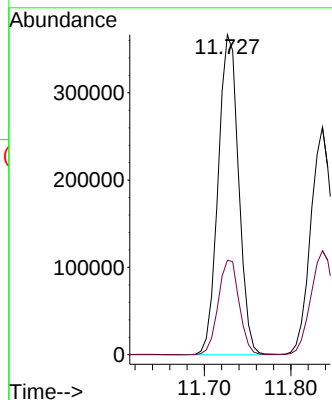
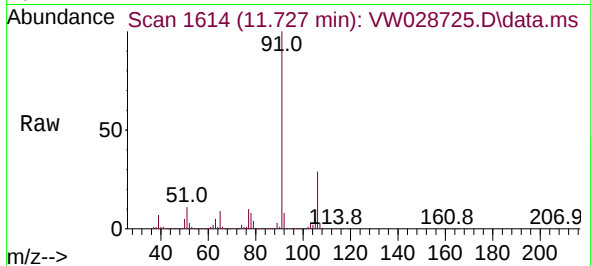




#52
Ethylbenzene
Concen: 29.571 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

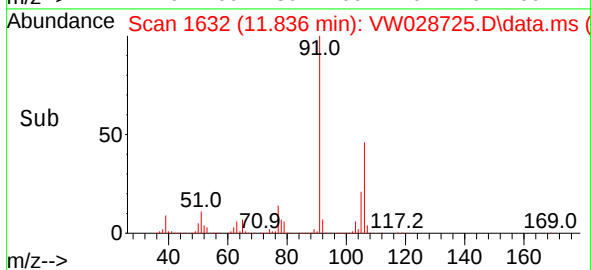
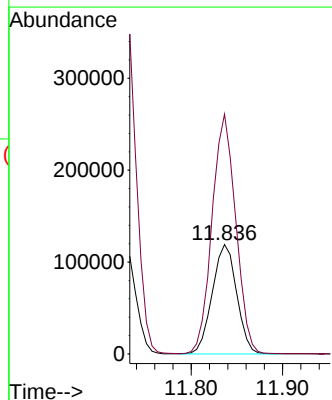
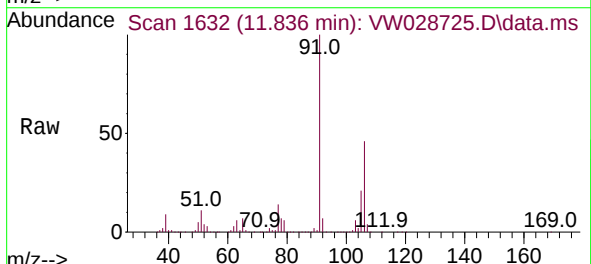
Instrument :
MSVOA_W
ClientSampleId :

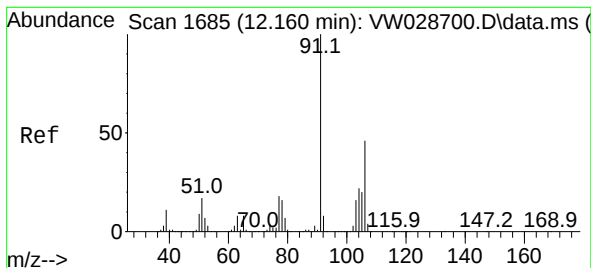
Tgt Ion: 91 Resp: 601129
Ion Ratio Lower Upper
91 100
106 29.5 22.7 42.1



#53
m,p-Xylene
Concen: 29.651 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion:106 Resp: 220943
Ion Ratio Lower Upper
106 100
91 219.1 146.6 272.2

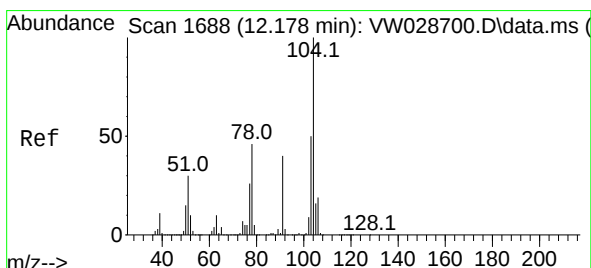
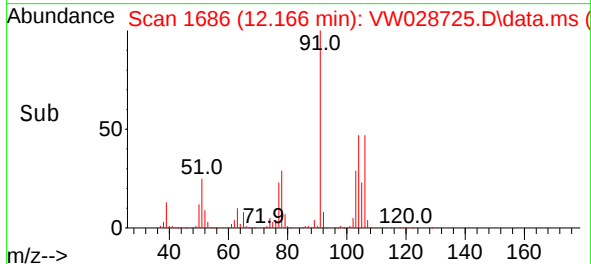
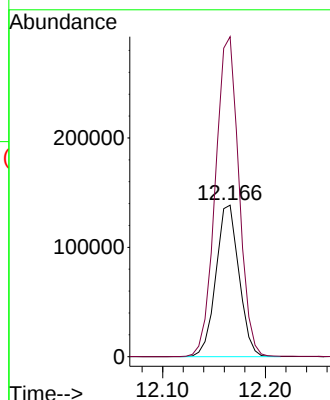
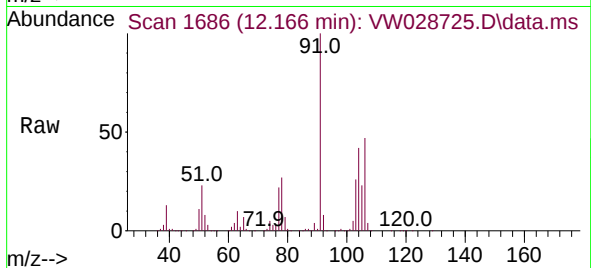




#54
o-Xylene
Concen: 31.347 ug/L
RT: 12.166 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

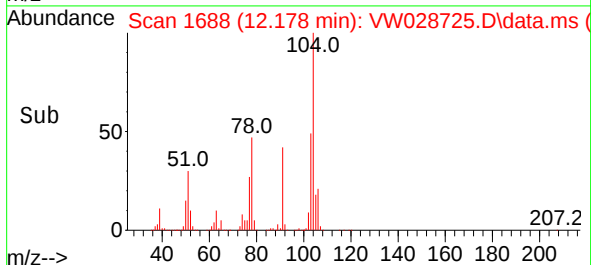
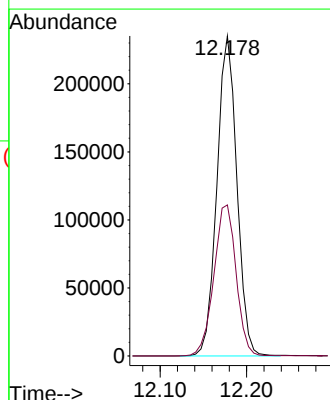
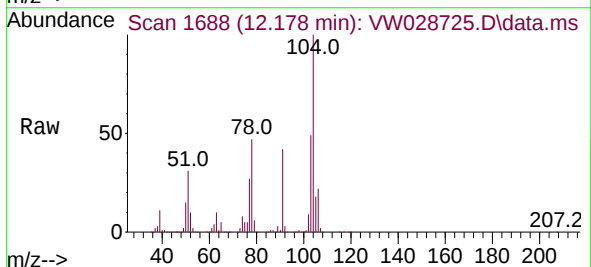
Instrument :
MSVOA_W
ClientSampleId :

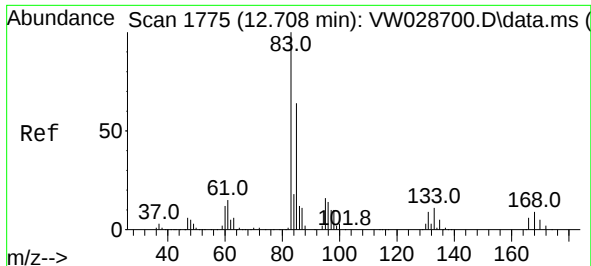
Tgt Ion:106 Resp: 216091
Ion Ratio Lower Upper
106 100
91 211.2 154.3 286.5



#55
Styrene
Concen: 32.240 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion:104 Resp: 376591
Ion Ratio Lower Upper
104 100
78 47.2 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 26.268 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

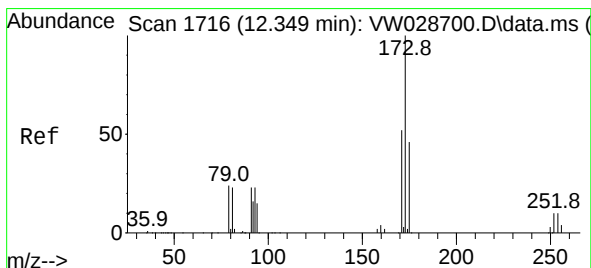
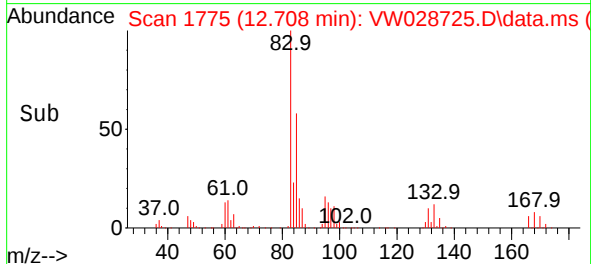
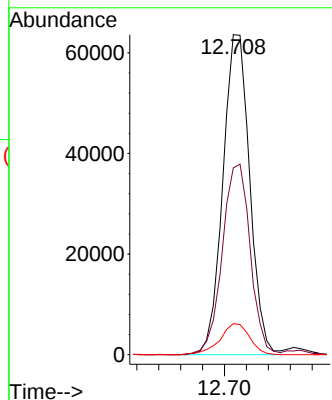
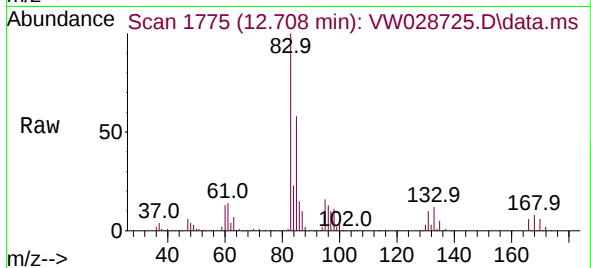
Tgt Ion: 83 Resp: 108192

Ion Ratio Lower Upper

83 100

85 58.4 45.6 84.6

131 9.7 7.3 10.9



#59

Bromoform

Concen: 24.815 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

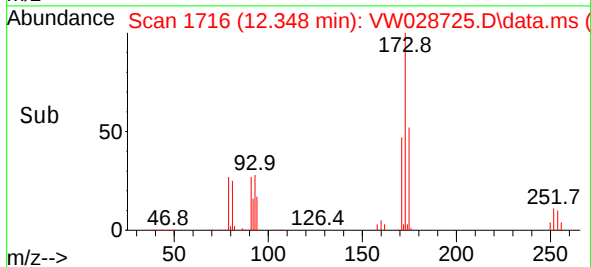
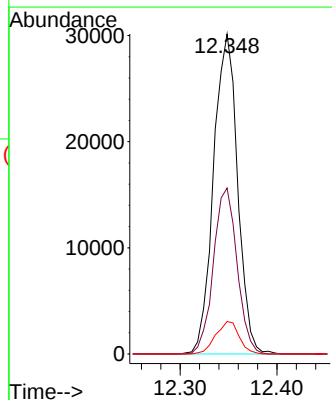
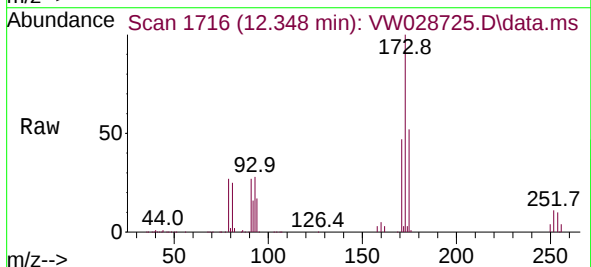
Tgt Ion:173 Resp: 52045

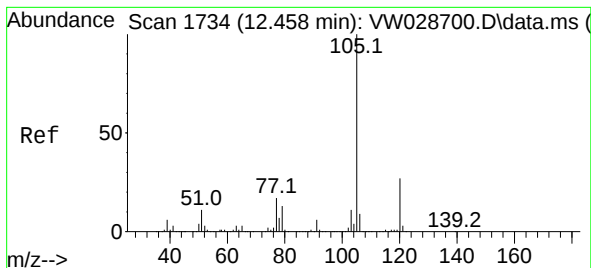
Ion Ratio Lower Upper

173 100

175 51.0 39.8 59.8

254 9.9 7.1 10.7





#60

Isopropylbenzene

Concen: 26.820 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

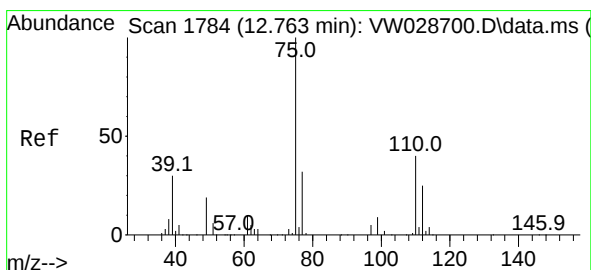
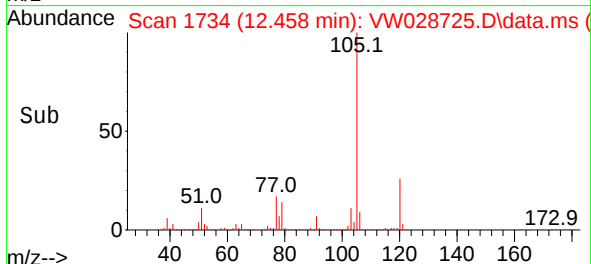
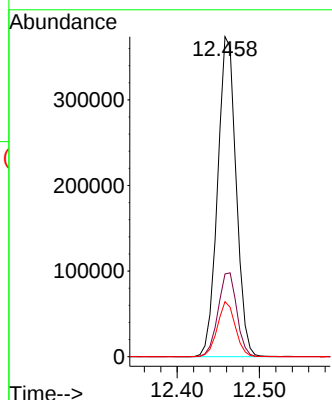
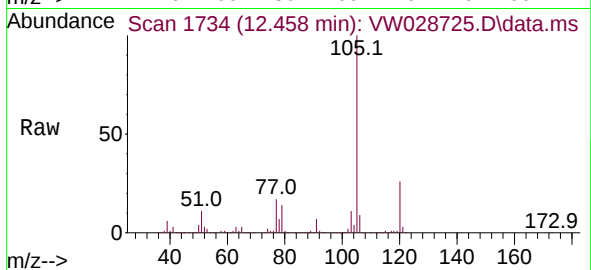
Tgt Ion:105 Resp: 584955

Ion Ratio Lower Upper

105 100

120 26.6 20.5 30.7

77 16.6 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 21.988 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

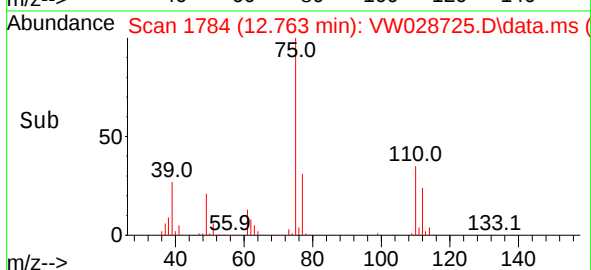
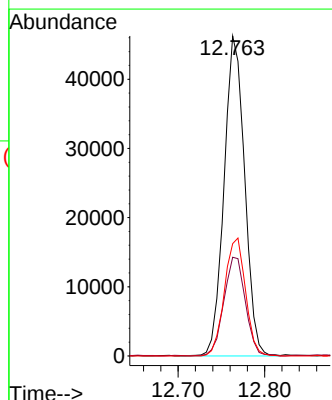
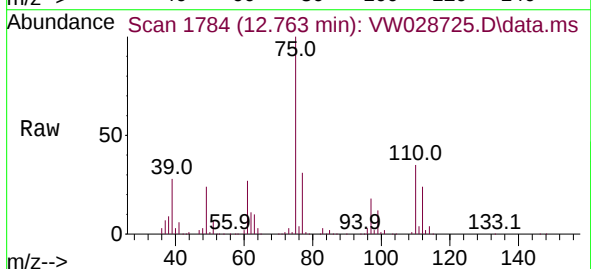
Tgt Ion: 75 Resp: 76391

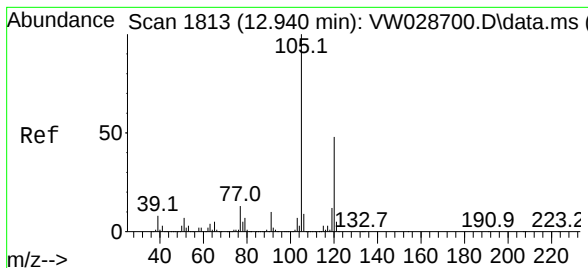
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

110 37.5 30.6 45.8

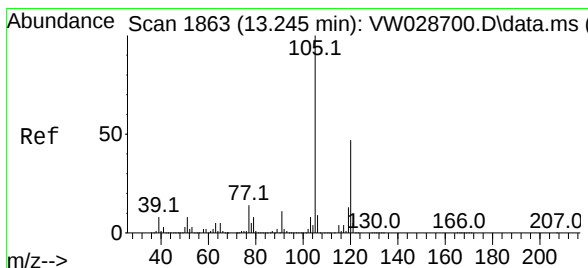
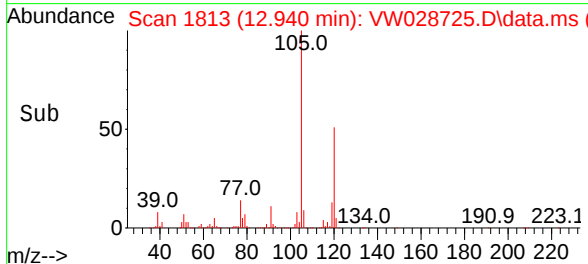
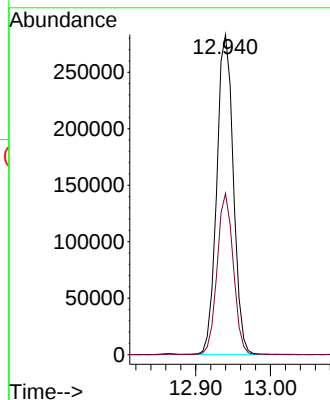
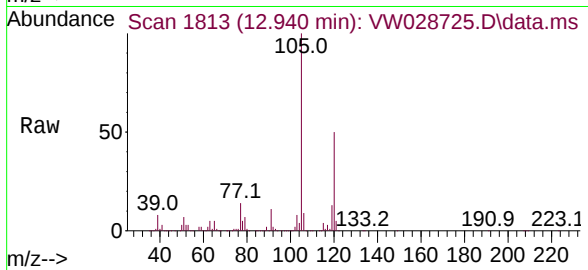




#62
1,3,5-Trimethylbenzene
Concen: 28.351 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

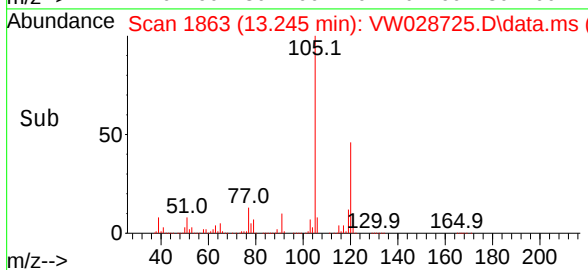
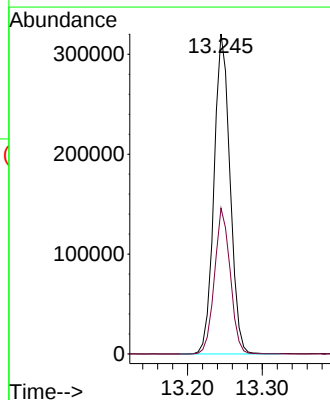
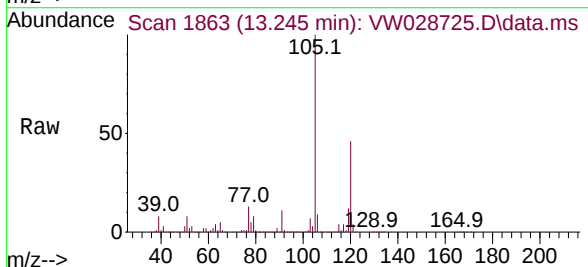
Instrument :
MSVOA_W
ClientSampleId :

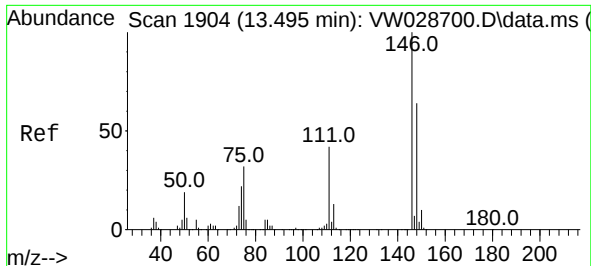
Tgt Ion:105 Resp: 437490
Ion Ratio Lower Upper
105 100
120 49.0 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 28.684 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

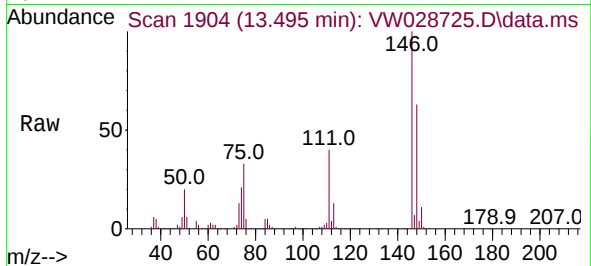
Tgt Ion:105 Resp: 476933
Ion Ratio Lower Upper
105 100
120 44.6 34.1 51.1



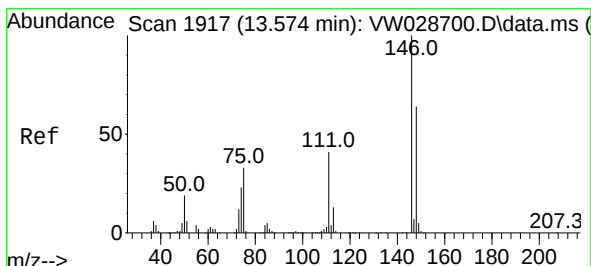
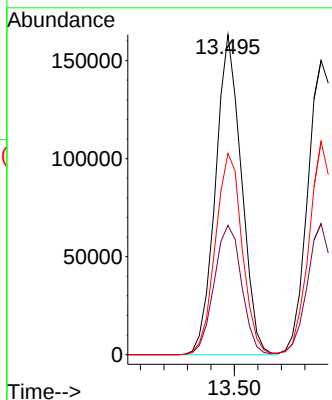
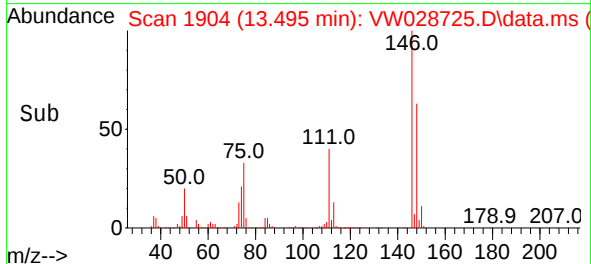


#64
1,3-Dichlorobenzene
Concen: 27.589 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

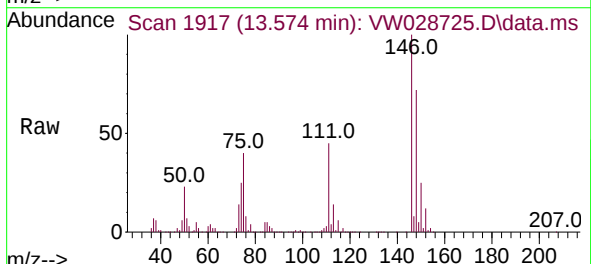
Instrument :
MSVOA_W
ClientSampleId :



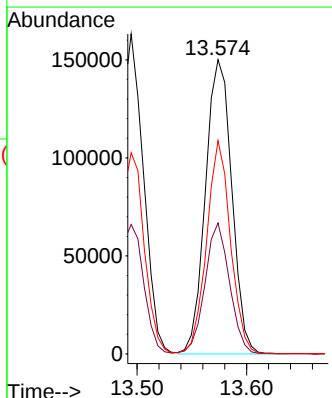
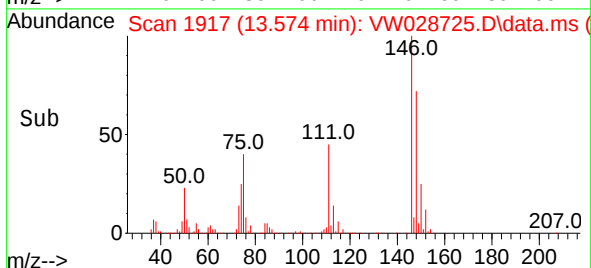
Tgt Ion:146 Resp: 250319
Ion Ratio Lower Upper
146 100
111 40.5 30.7 57.1
148 62.9 47.0 87.2

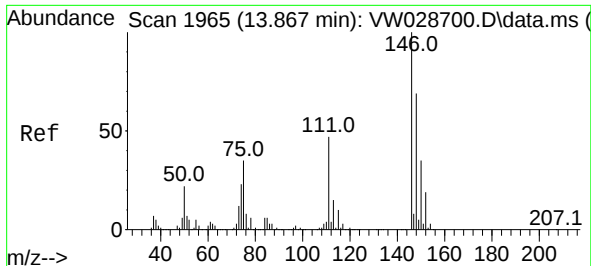


#65
1,4-Dichlorobenzene
Concen: 27.051 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21



Tgt Ion:146 Resp: 250929
Ion Ratio Lower Upper
146 100
111 44.5 29.1 54.1
148 72.5 41.2 76.6





#67

1,2-Dichlorobenzene

Concen: 27.092 ug/L

RT: 13.866 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :

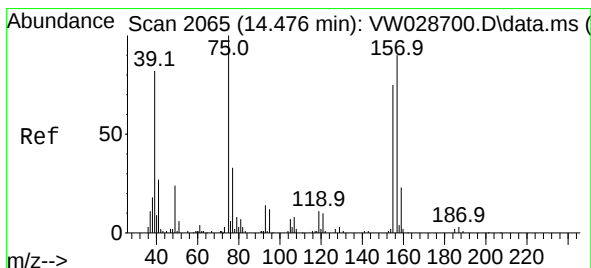
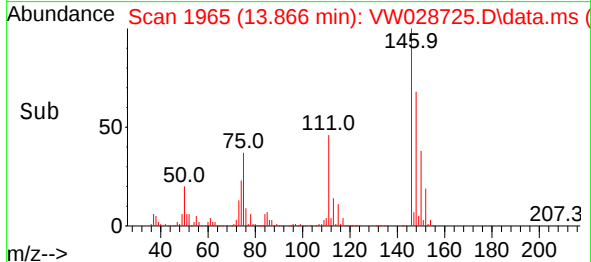
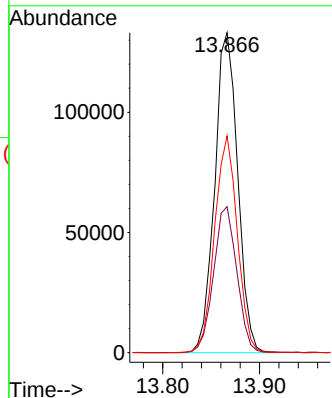
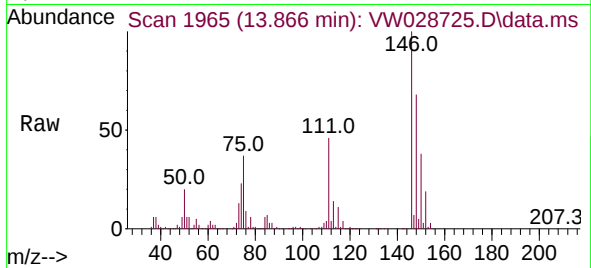
Tgt Ion:146 Resp: 220006

Ion Ratio Lower Upper

146 100

111 45.7 34.7 52.1

148 67.8 51.8 77.8



#68

1,2-Dibromo-3-chloropropane

Concen: 19.960 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

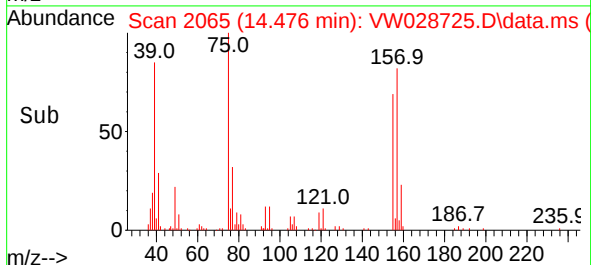
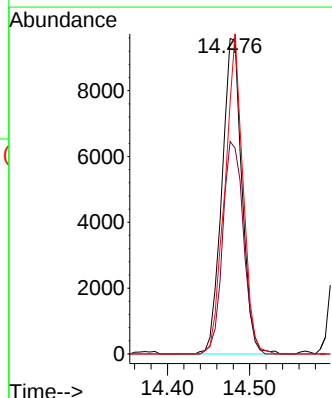
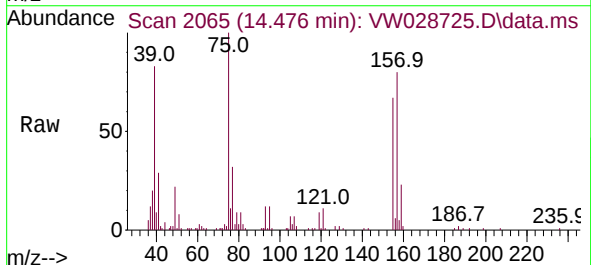
Tgt Ion: 75 Resp: 16214

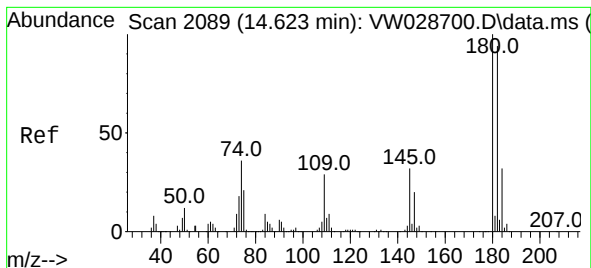
Ion Ratio Lower Upper

75 100

155 67.4 55.1 82.7

157 79.8 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 28.098 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

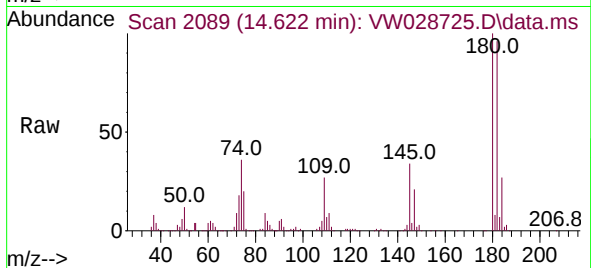
Lab File: VW028725.D

Acq: 24 May 2024 11:21

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 171072

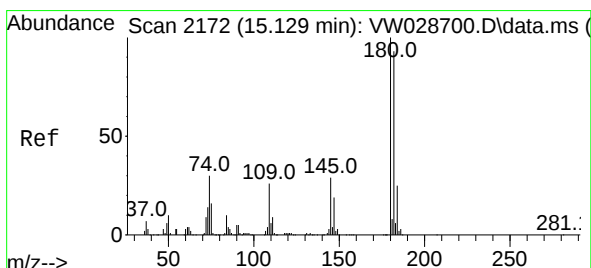
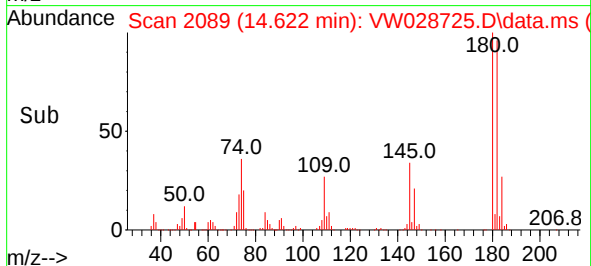
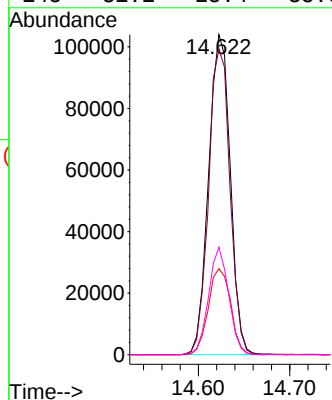
Ion Ratio Lower Upper

180 100

182 94.3 75.4 113.2

184 27.7 24.0 36.0

145 31.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 27.979 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW028725.D

Acq: 24 May 2024 11:21

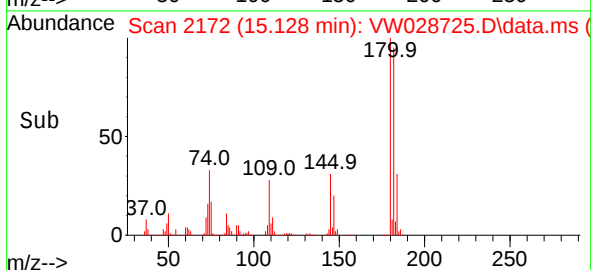
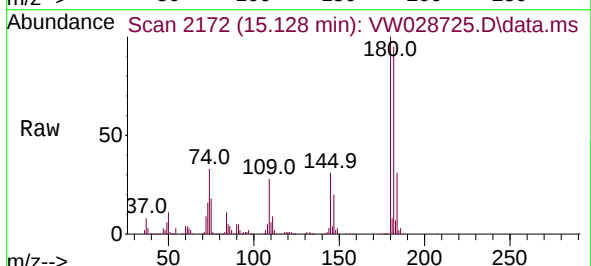
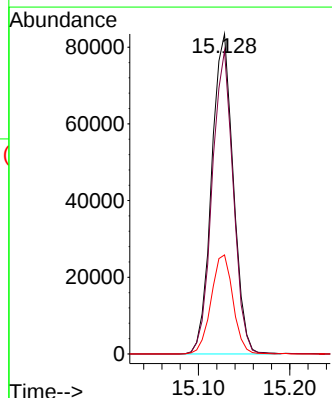
Tgt Ion:180 Resp: 137642

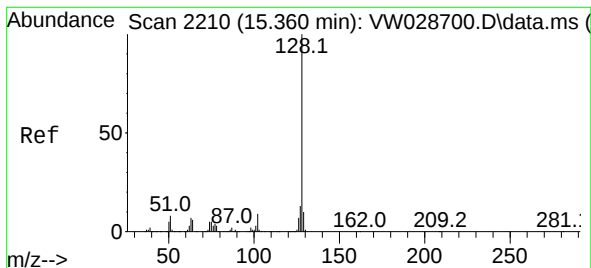
Ion Ratio Lower Upper

180 100

182 92.3 77.2 115.8

145 31.3 26.6 39.8

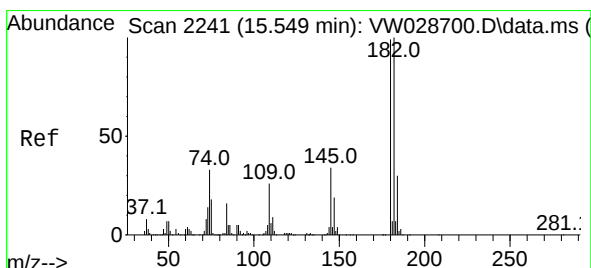
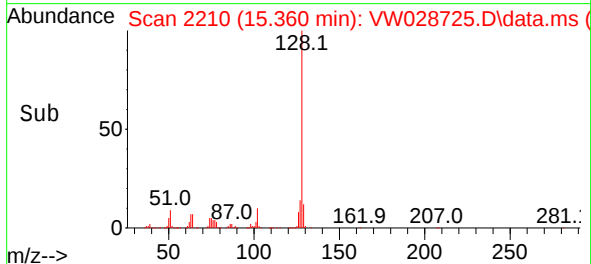
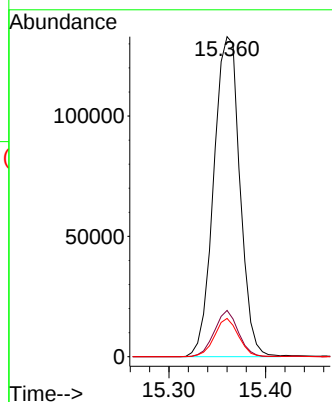
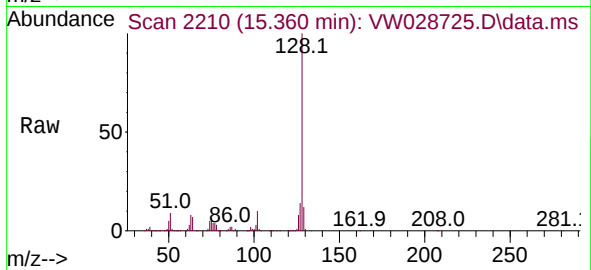




#71
Naphthalene
Concen: 23.850 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 249980
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 28.556 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028725.D
Acq: 24 May 2024 11:21

Tgt Ion:180 Resp: 126765
Ion Ratio Lower Upper
180 100
182 91.5 76.1 114.1
145 30.9 28.3 42.5

