

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050224\
 Data File : VW028571.D
 Acq On : 02 May 2024 14:57
 Operator : SY/MD
 Sample : P2349-06MS
 Misc : 6.42g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E08Q8MS

Quant Time: May 03 04:08:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 03 04:07:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	375260	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	324779	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	137735	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	150381	21.103	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.400%
7) Chloroethane-d5	2.905	69	120420	22.070	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.280%
11) 1,1-Dichloroethene-d2	4.027	65	63107	21.197	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	7.075	46	82337	44.288	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.580%
24) Chloroform-d	7.654	84	264041	22.518	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.080%
26) 1,2-Dichloroethane-d4	8.307	65	154308	22.986	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.960%
32) Benzene-d6	8.276	84	505824	23.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	9.270	67	159235	24.421	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.680%
41) Toluene-d8	10.325	98	453660	23.641	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.560%
43) trans-1,3-Dichloroprop...	10.575	79	65592	25.006	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.040%
47) 2-Hexanone-d5	10.922	63	57615	51.231	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	126898	23.209	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	113741	21.666	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	127964	23.465	ug/L	98
3) Chloromethane	2.228	50	162463	24.048	ug/L	100
5) Vinyl chloride	2.375	62	175528	23.078	ug/L	100
6) Bromomethane	2.789	94	102340	23.259	ug/L	97
8) Chloroethane	2.936	64	104968	24.199	ug/L	99
9) Trichlorofluoromethane	3.265	101	139289	22.306	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	123767	21.497	ug/L	93
12) 1,1-Dichloroethene	4.051	96	119817	23.200	ug/L	91
13) Acetone	4.118	43	112085	66.272	ug/L	100
14) Carbon disulfide	4.393	76	389381	22.308	ug/L	100
15) Methyl Acetate	4.673	43	68003	23.111	ug/L	97
16) Methylene chloride	4.923	84	131296	22.623	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	127008	23.621	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	211650	26.674	ug/L	99
19) 1,1-Dichloroethane	6.222	63	257266	24.129	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	136549	24.266	ug/L	99
22) 2-Butanone	7.167	43	124084	57.160	ug/L	99
23) Bromochloromethane	7.514	128	61780	25.169	ug/L	96
25) Chloroform	7.679	83	250378	24.278	ug/L	99

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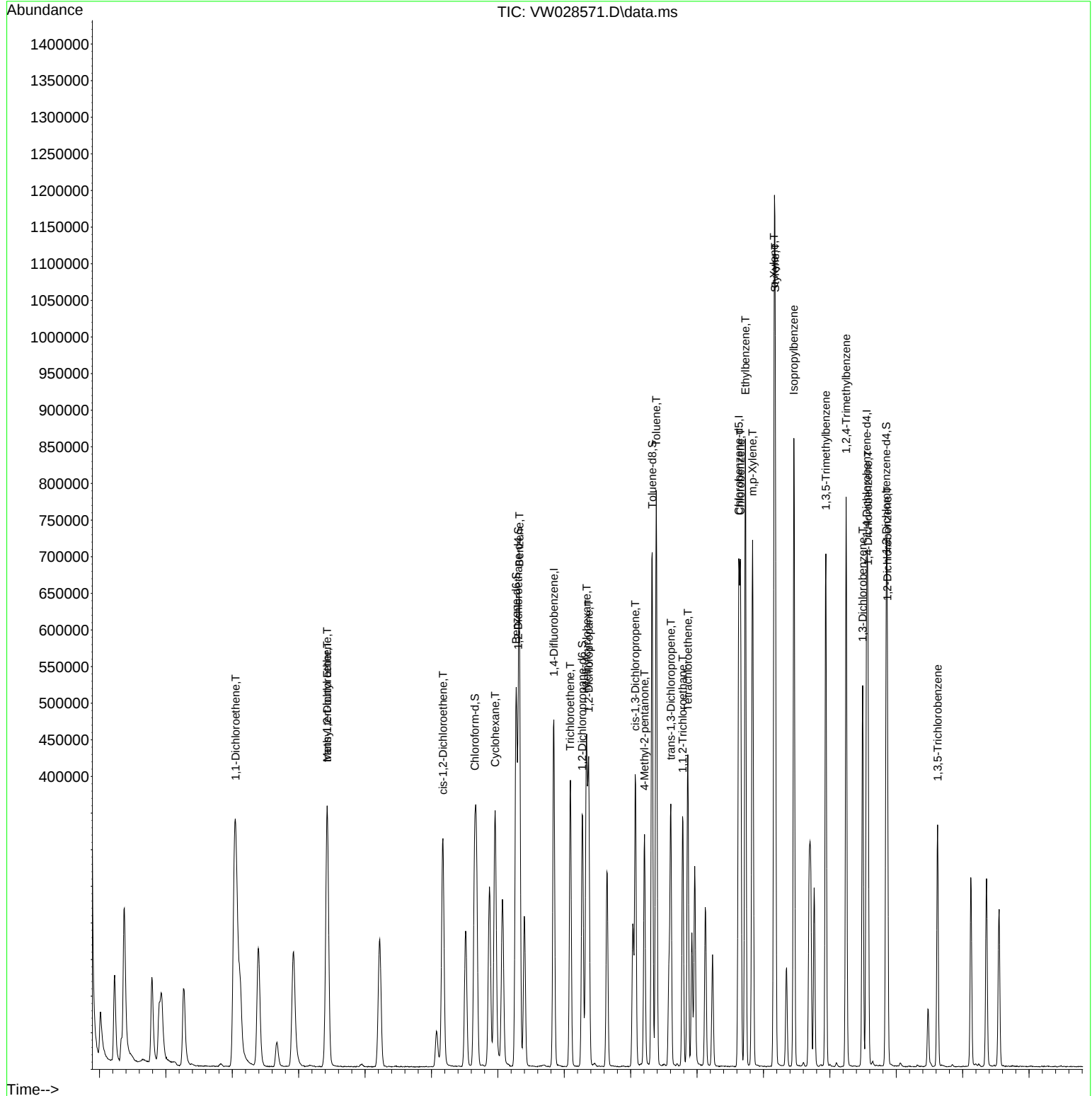
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	187261	24.980	ug/L	97
29) Cyclohexane	7.959	56	204294	22.061	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	197401	24.255	ug/L	100
31) Carbon tetrachloride	8.069	117	170420	22.966	ug/L	99
33) Benzene	8.325	78	527530	25.048	ug/L	100
34) Trichloroethene	9.087	95	135175	23.939	ug/L	95
35) Methylcyclohexane	9.337	83	169495	17.176	ug/L	98
37) 1,2-Dichloropropane	9.367	63	141504	25.785	ug/L	100
38) Bromodichloromethane	9.648	83	178342	26.659	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	216764	27.558	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	210137	56.261	ug/L	99
42) Toluene	10.386	91	547228	25.157	ug/L	94
44) trans-1,3-Dichloropropene	10.605	75	186924	28.185	ug/L	96
45) 1,1,2-Trichloroethane	10.782	97	101510	25.534	ug/L	98
46) Tetrachloroethene	10.861	164	91226	22.424	ug/L	97
48) 2-Hexanone	10.965	43	179382	68.028	ug/L	98
49) Dibromochloromethane	11.123	129	107741	27.020	ug/L	99
50) 1,2-Dibromoethane	11.233	107	98389	26.421	ug/L	100
51) Chlorobenzene	11.654	112	318310	23.657	ug/L	99
52) Ethylbenzene	11.727	91	572835	23.270	ug/L	100
53) m,p-Xylene	11.837	106	208021	23.053	ug/L	93
54) o-Xylene	12.160	106	207689	24.880	ug/L	100
55) Styrene	12.178	104	345384	24.418	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.714	83	125722	25.207	ug/L	99
59) Bromoform	12.349	173	58616	29.170	ug/L	97
60) Isopropylbenzene	12.458	105	520208	24.895	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	95048	28.554	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	356828	24.135	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	386950	24.291	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	196406	22.594	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	198579	22.344	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	180174	23.157	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	20138	25.875	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	86972	14.910	ug/L	95
70) 1,2,4-trichlorobenzene	15.129	180	74475	15.801	ug/L	97
71) Naphthalene	15.360	128	206575	20.571	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	65240	15.340	ug/L	99

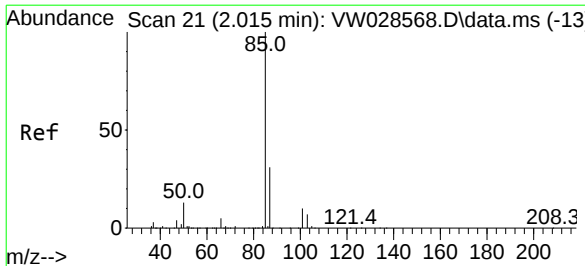
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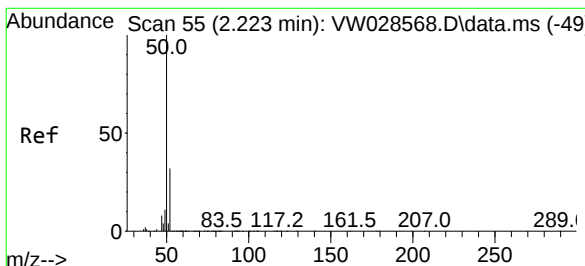
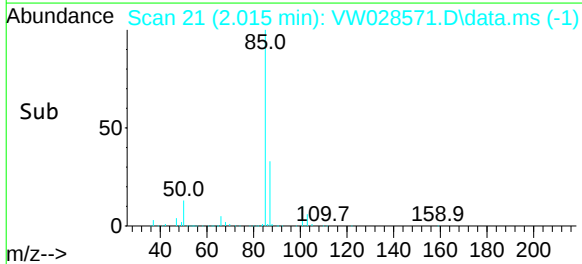
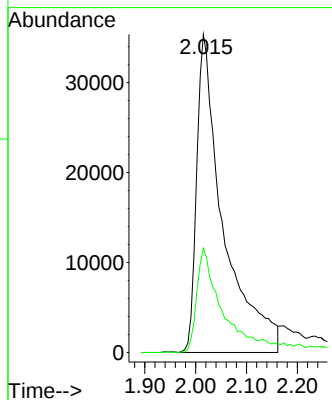
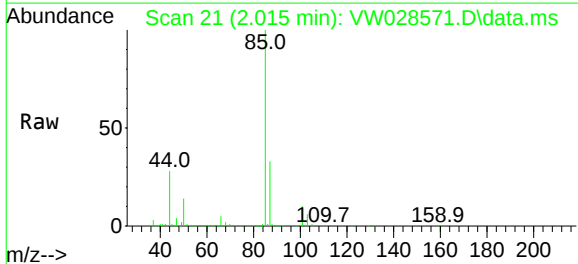




#2
 Dichlorodifluoromethane
 Concen: 23.465 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

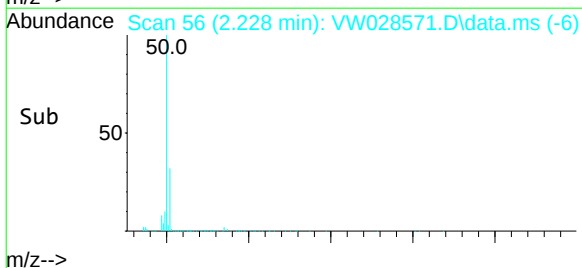
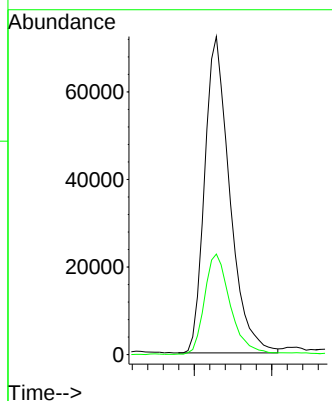
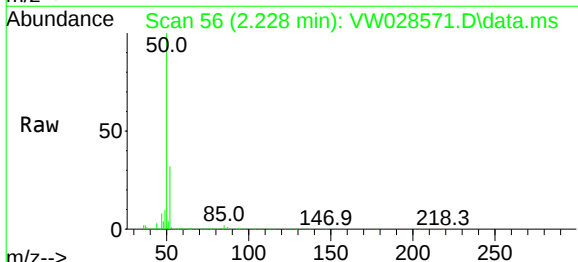
Instrument :
 MSVOA_W
 ClientSampleId :
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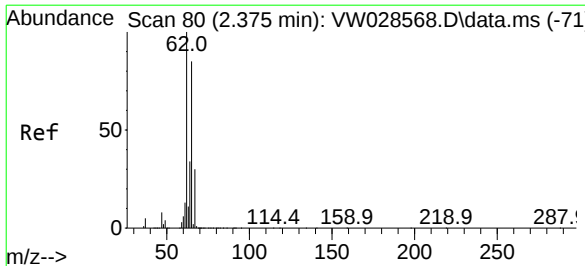
Tgt Ion: 85 Resp: 127964
 Ion Ratio Lower Upper
 85 100
 87 28.3 21.9 32.9



#3
 Chloromethane
 Concen: 24.048 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

Tgt Ion: 50 Resp: 162463
 Ion Ratio Lower Upper
 50 100
 52 31.6 22.0 41.0

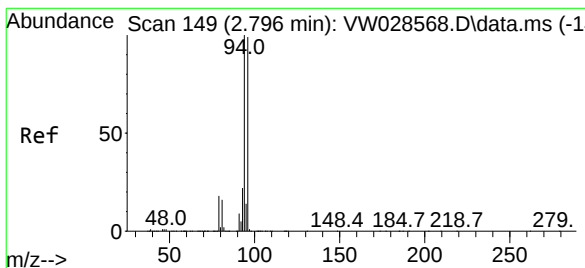
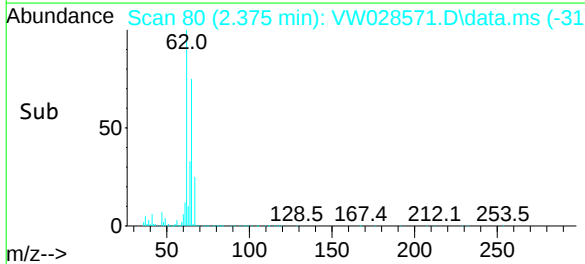
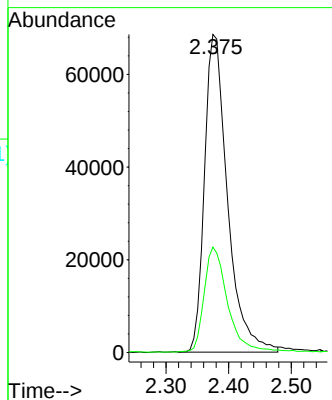
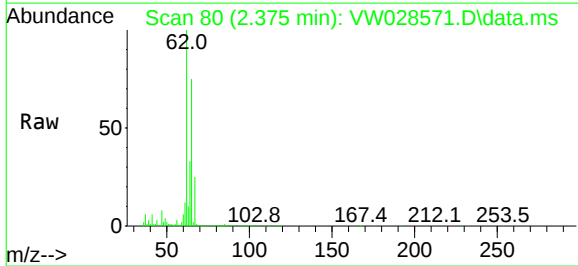




#5
 Vinyl chloride
 Concen: 23.078 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

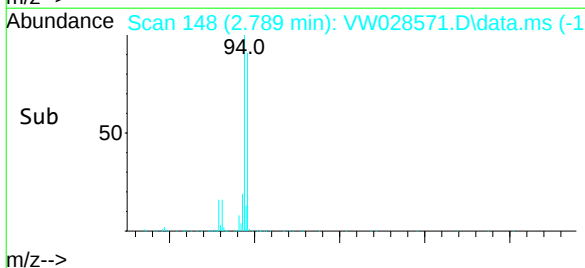
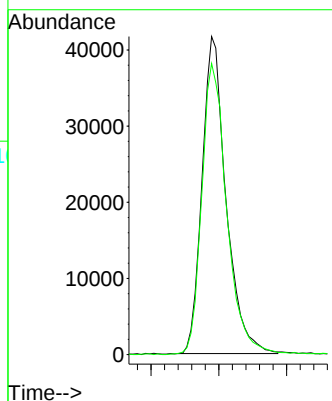
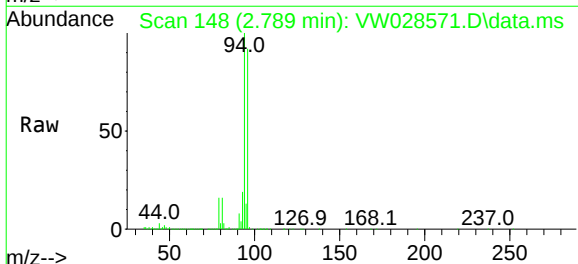
Instrument :
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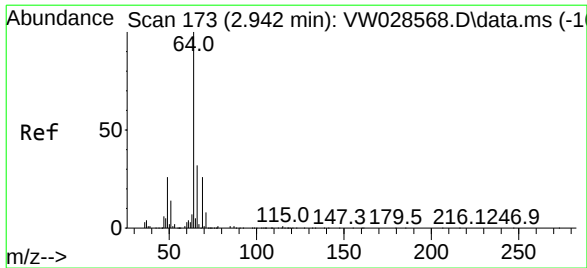
Tgt Ion: 62 Resp: 175528
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.3 43.3



#6
 Bromomethane
 Concen: 23.259 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

Tgt Ion: 94 Resp: 102340
 Ion Ratio Lower Upper
 94 100
 96 91.5 66.3 123.1

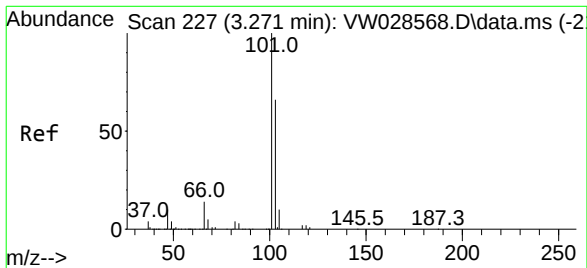
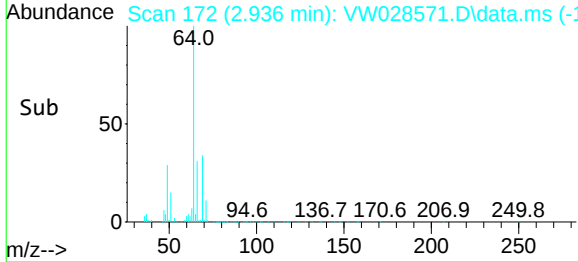
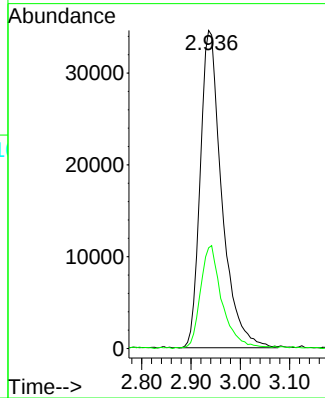
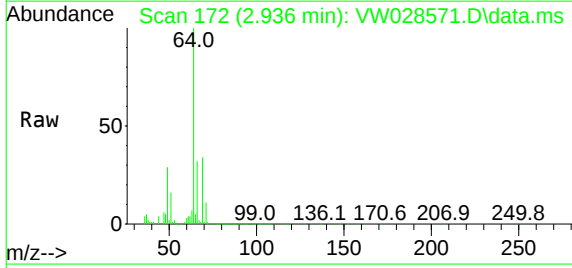




#8
Chloroethane
Concen: 24.199 ug/L
RT: 2.936 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

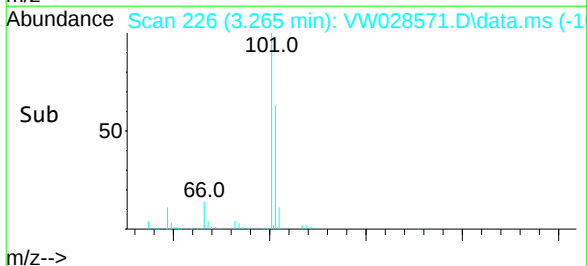
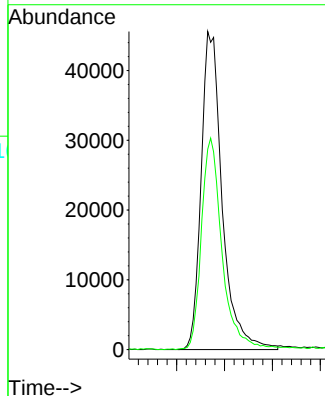
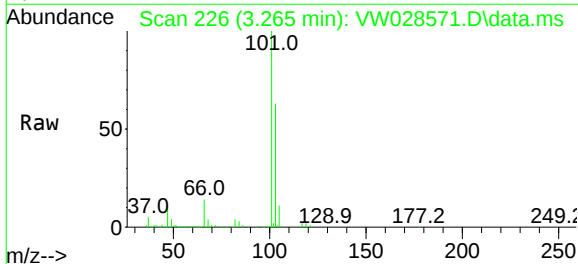
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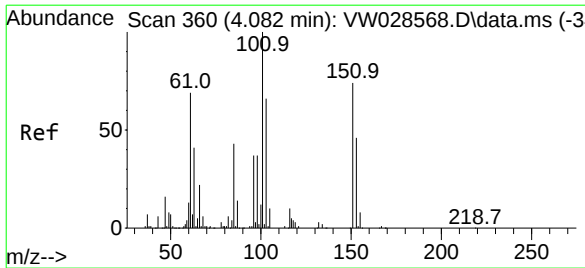
Tgt Ion: 64 Resp: 104968
Ion Ratio Lower Upper
64 100
66 31.6 21.7 40.3



#9
Trichlorofluoromethane
Concen: 22.306 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion: 101 Resp: 139289
Ion Ratio Lower Upper
101 100
103 64.8 50.4 75.6

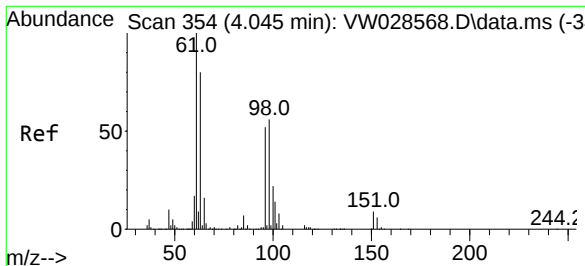
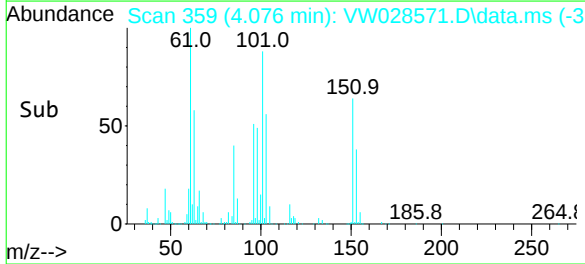
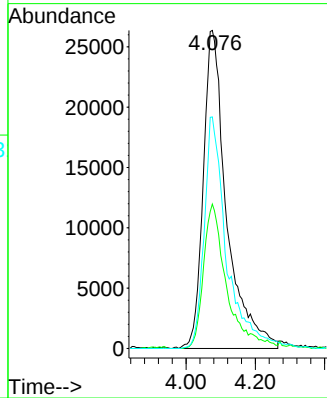
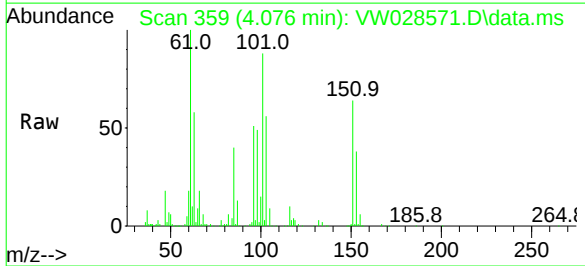




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.497 ug/L
RT: 4.076 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

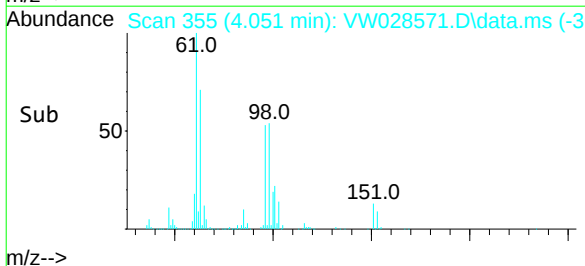
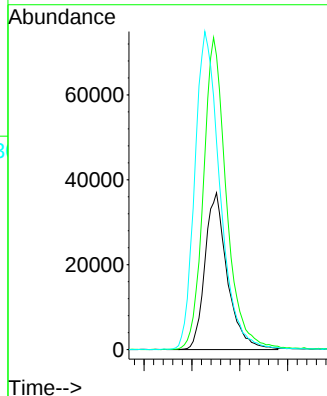
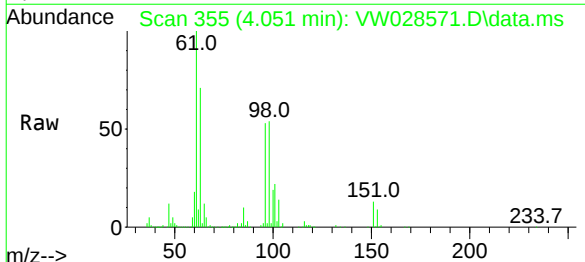
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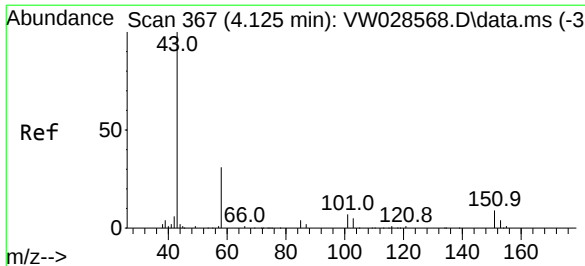
Tgt Ion:	101	Resp:	123767
Ion	Ratio	Lower	Upper
101	100		
85	41.2	35.8	53.8
151	55.5	49.6	74.4



#12
1,1-Dichloroethene
Concen: 23.200 ug/L
RT: 4.051 min Scan# 355
Delta R.T. 0.006 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion:	96	Resp:	119817
Ion	Ratio	Lower	Upper
96	100		
61	187.4	131.6	244.4
63	132.9	111.4	206.8





#13

Acetone

Concen: 66.272 ug/L

RT: 4.118 min Scan# 367

Delta R.T. -0.006 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

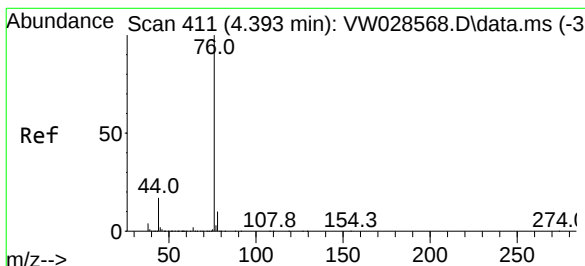
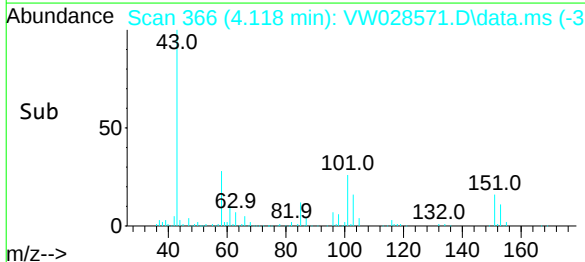
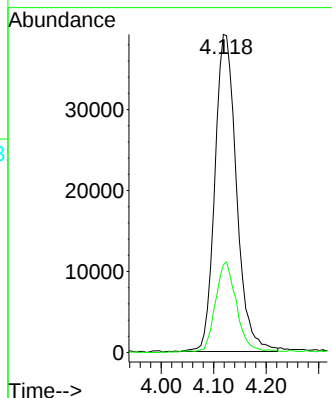
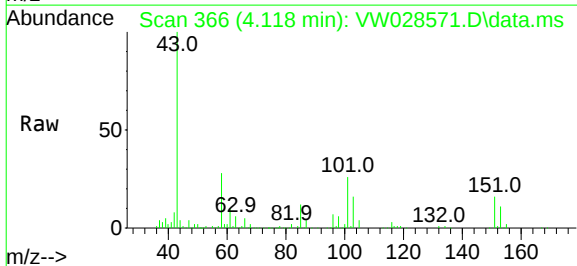
E08Q8MS

Tgt Ion: 43 Resp: 112085

Ion Ratio Lower Upper

43 100

58 27.3 0.0 54.4



#14

Carbon disulfide

Concen: 22.308 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028571.D

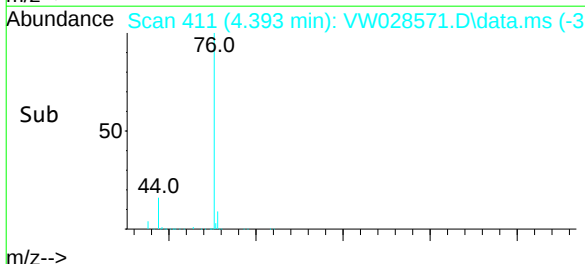
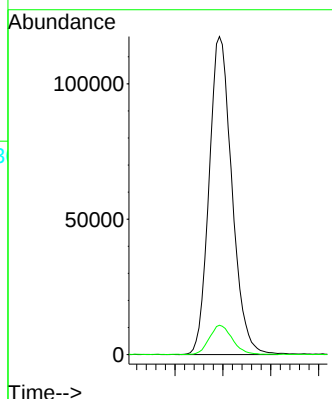
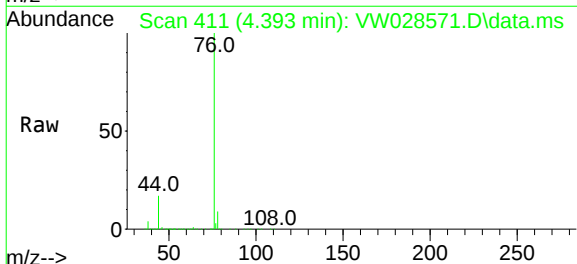
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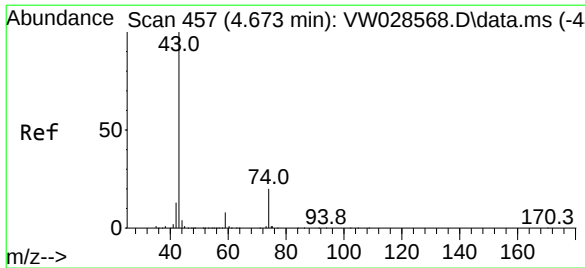
Tgt Ion: 76 Resp: 389381

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 23.111 ug/L

RT: 4.673 min Scan# 457

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

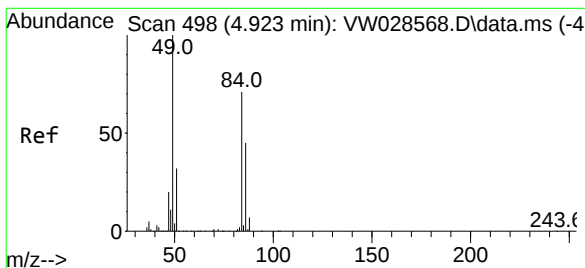
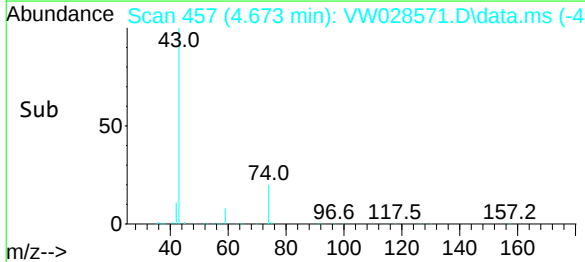
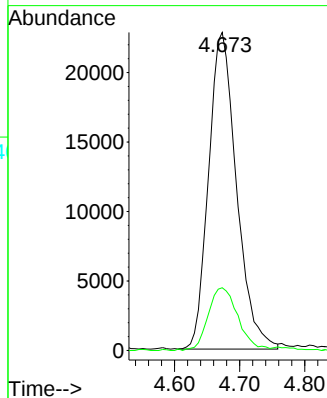
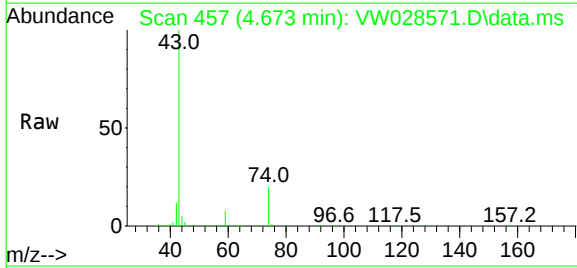
E08Q8MS

Tgt Ion: 43 Resp: 68003

Ion Ratio Lower Upper

43 100

74 20.7 17.6 26.4



#16

Methylene chloride

Concen: 22.623 ug/L

RT: 4.923 min Scan# 498

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

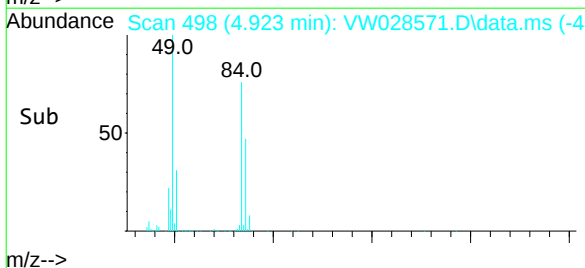
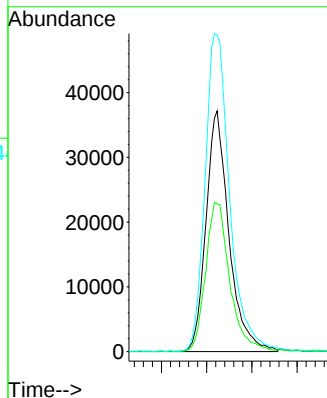
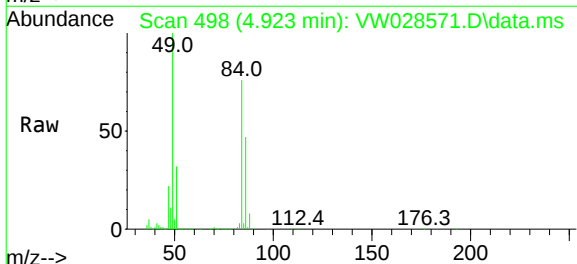
Tgt Ion: 84 Resp: 131296

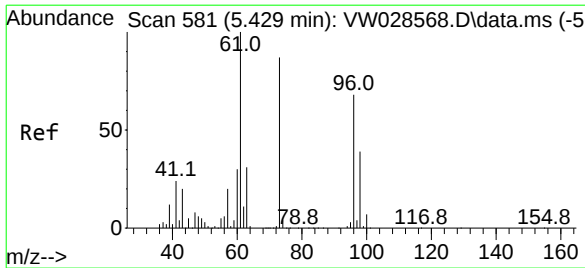
Ion Ratio Lower Upper

84 100

86 61.4 44.4 82.4

49 131.6 100.2 186.2

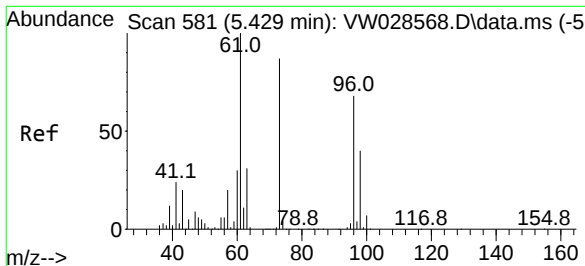
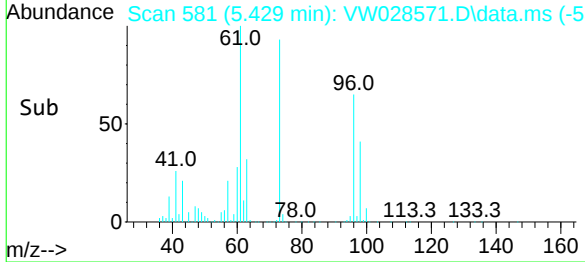
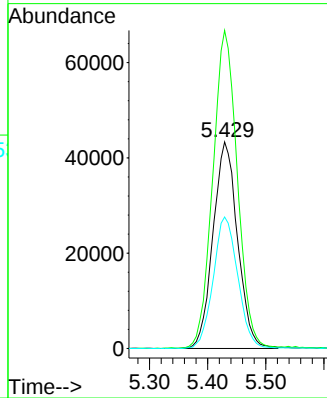
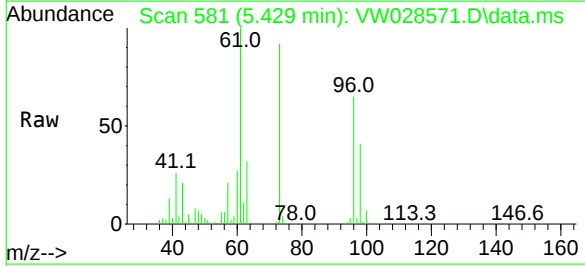




#17
trans-1,2-Dichloroethene
Concen: 23.621 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

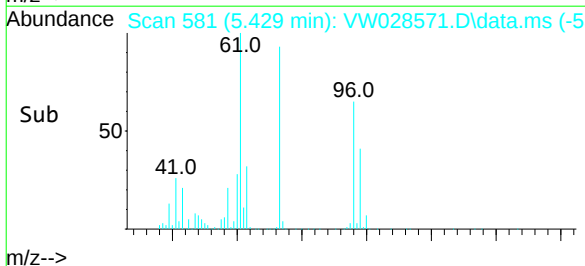
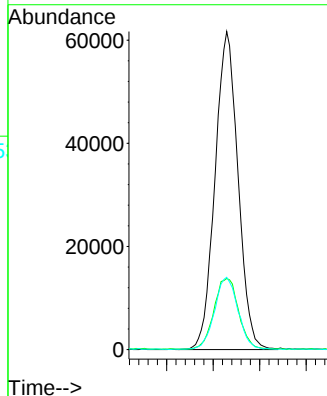
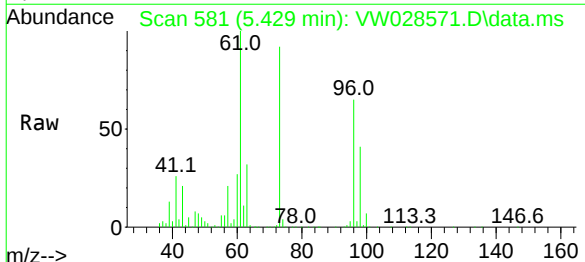
Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

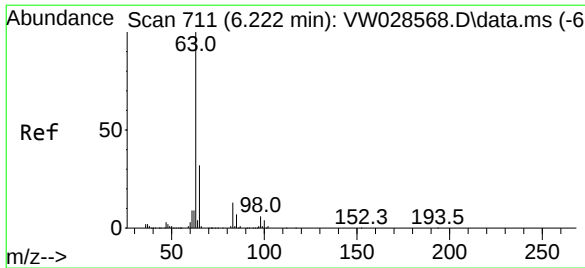
Tgt Ion: 96 Resp: 127008
Ion Ratio Lower Upper
96 100
61 154.0 109.0 202.4
98 63.7 44.2 82.0



#18
Methyl tert-butyl Ether
Concen: 26.674 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion: 73 Resp: 211650
Ion Ratio Lower Upper
73 100
43 23.6 19.2 28.8
57 22.9 18.5 27.7





#19

1,1-Dichloroethane

Concen: 24.129 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

E08Q8MS

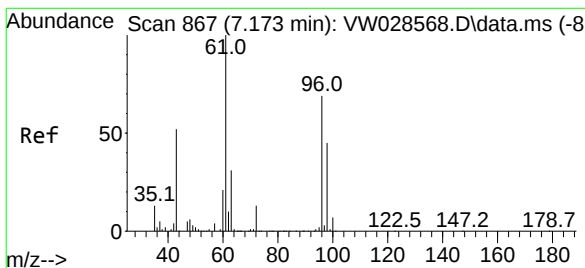
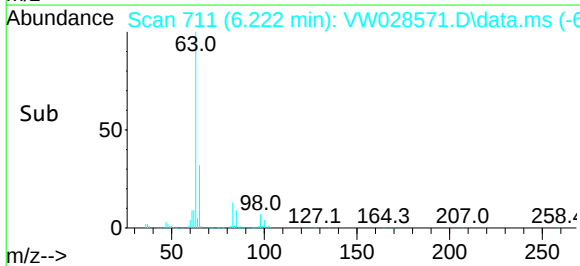
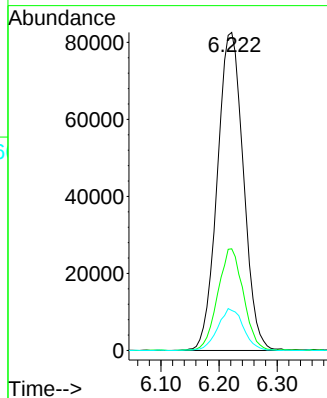
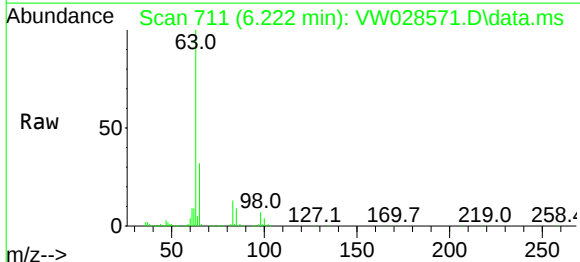
Tgt Ion: 63 Resp: 257266

Ion Ratio Lower Upper

63 100

65 32.0 22.9 42.5

83 12.6 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 24.266 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

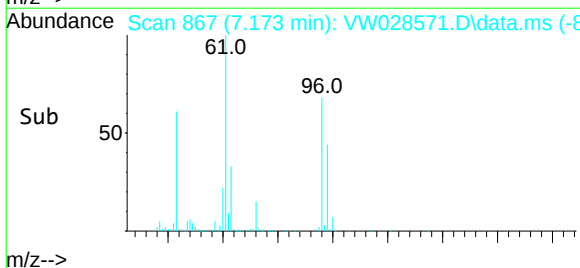
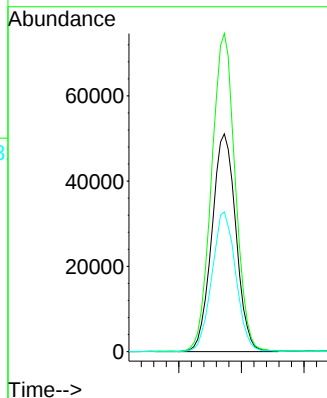
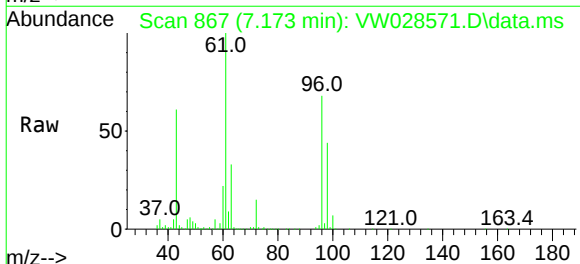
Tgt Ion: 96 Resp: 136549

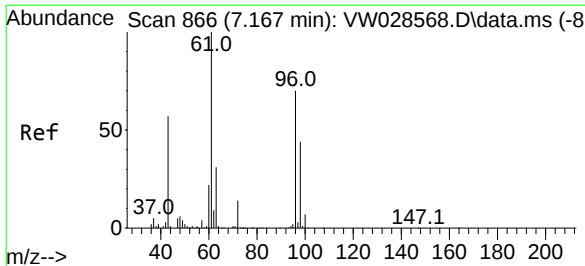
Ion Ratio Lower Upper

96 100

61 146.1 102.8 191.0

98 64.2 44.3 82.3

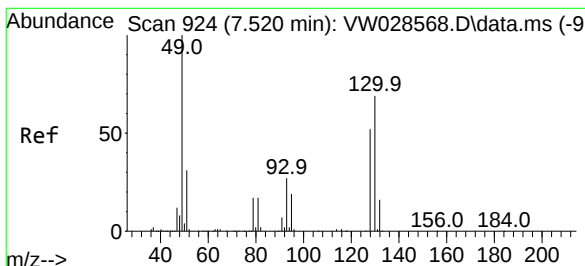
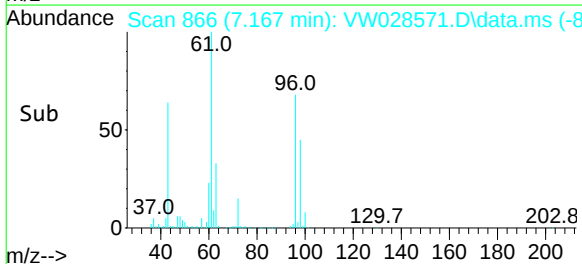
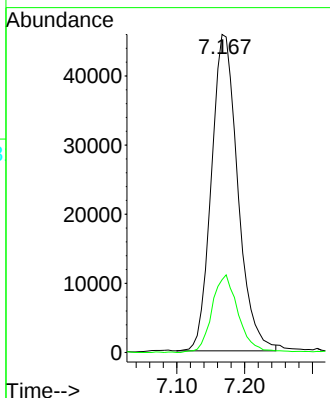
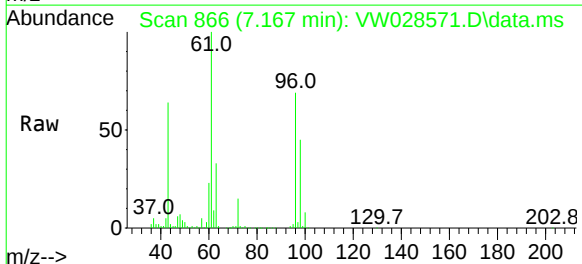




#22
2-Butanone
Concen: 57.160 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

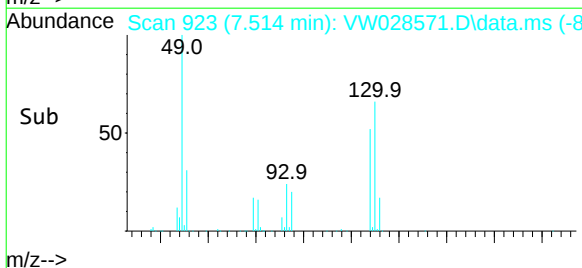
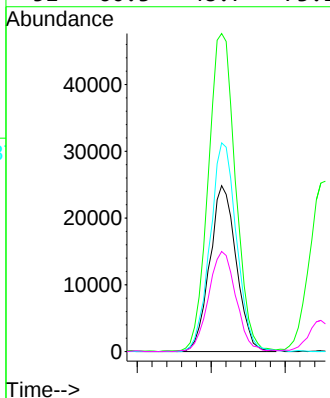
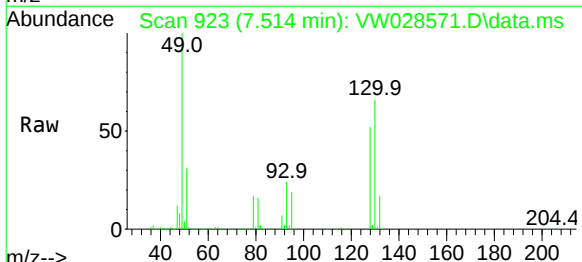
Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

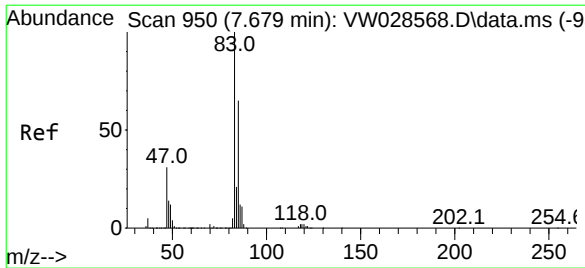
Tgt Ion: 43 Resp: 124084
Ion Ratio Lower Upper
43 100
72 24.0 12.2 36.6



#23
Bromochloromethane
Concen: 25.169 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion: 128 Resp: 61780
Ion Ratio Lower Upper
128 100
49 191.7 139.6 259.2
130 125.8 91.2 169.4
51 60.3 48.7 73.1





#25

Chloroform

Concen: 24.278 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

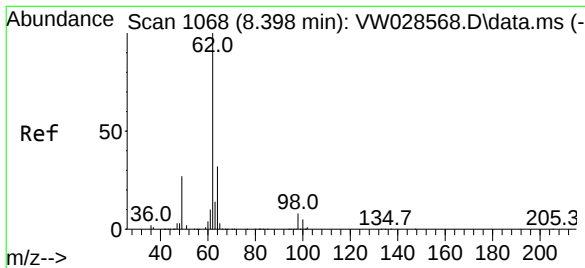
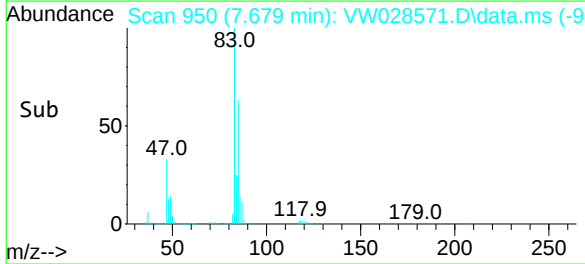
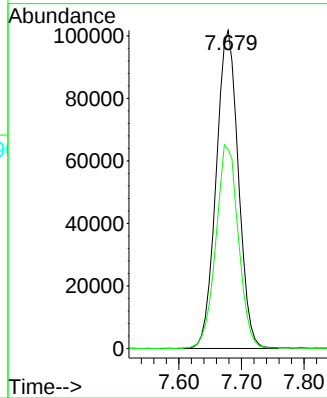
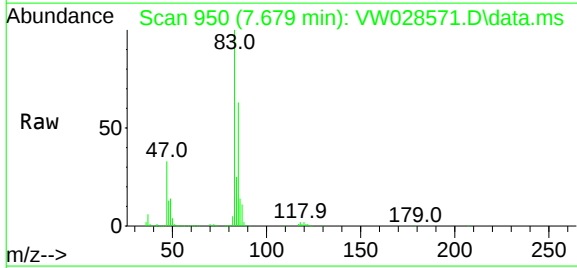
E08Q8MS

Tgt Ion: 83 Resp: 250378

Ion Ratio Lower Upper

83 100

85 62.6 43.4 80.6



#27

1,2-Dichloroethane

Concen: 24.980 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028571.D

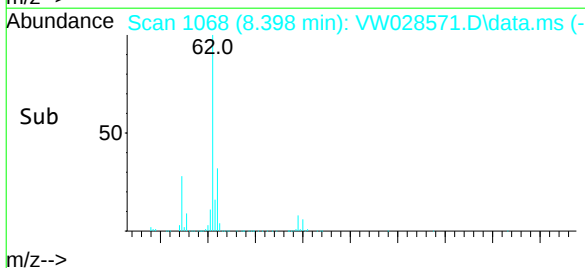
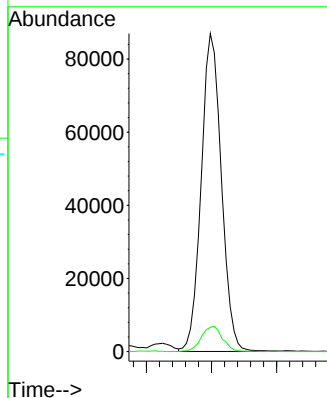
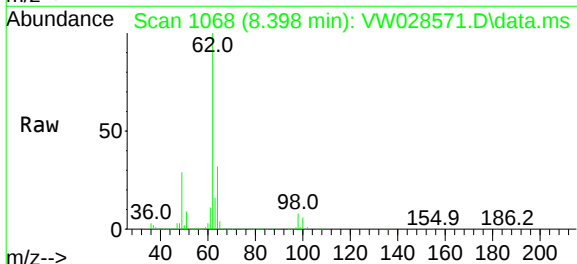
Acq: 02 May 2024 14:57

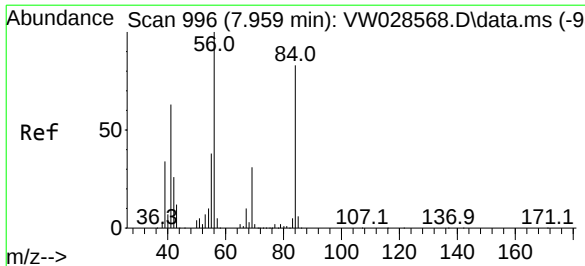
Tgt Ion: 62 Resp: 187261

Ion Ratio Lower Upper

62 100

98 7.7 7.0 10.6

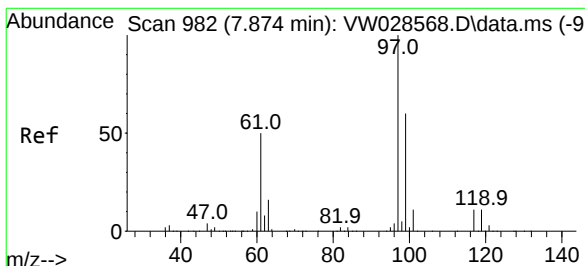
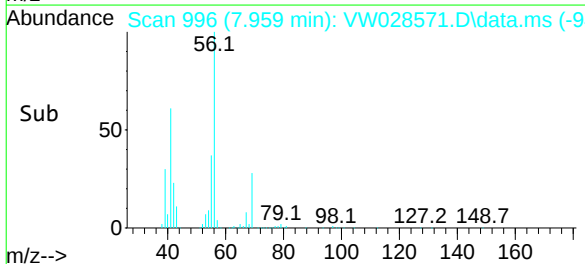
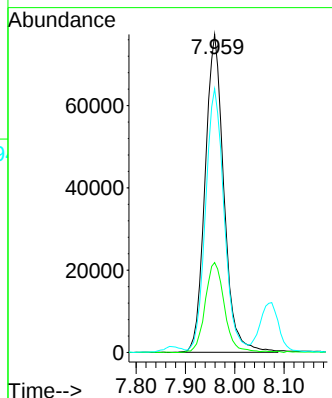
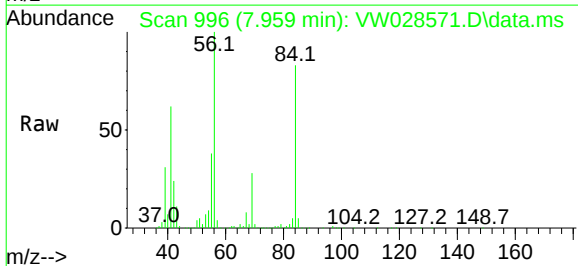




#29
Cyclohexane
Concen: 22.061 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

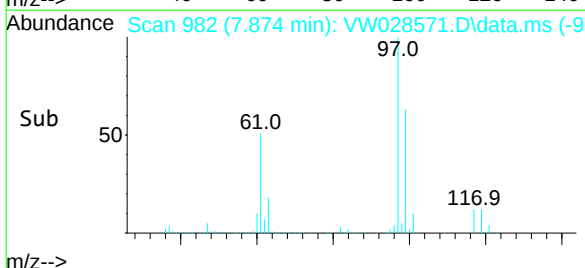
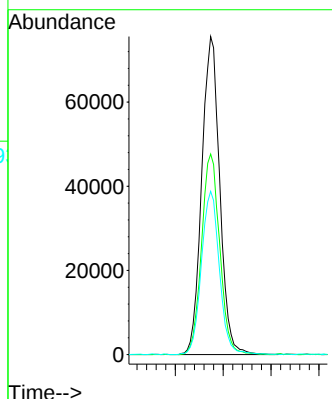
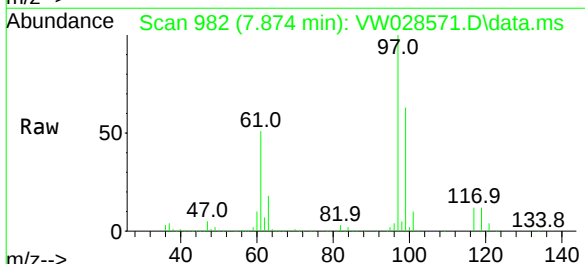
Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

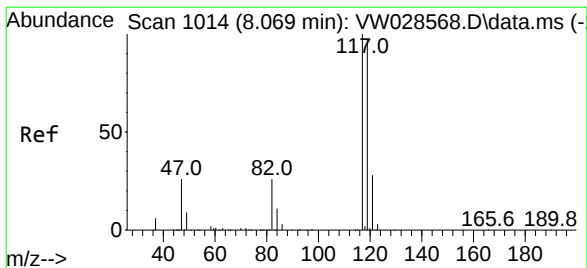
Tgt Ion:	56	Resp:	204294
Ion	Ratio	Lower	Upper
56	100		
69	28.9	23.4	35.0
84	82.1	65.8	98.8



#30
1,1,1-Trichloroethane
Concen: 24.255 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion:	97	Resp:	197401
Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.9	76.3
61	51.5	41.0	61.6





#31

Carbon tetrachloride

Concen: 22.966 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

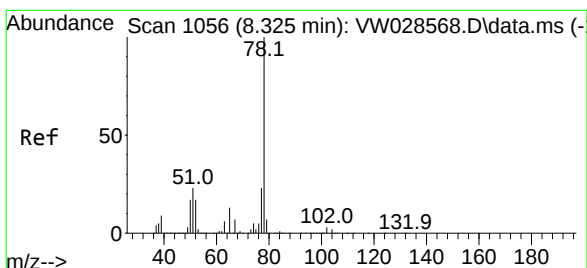
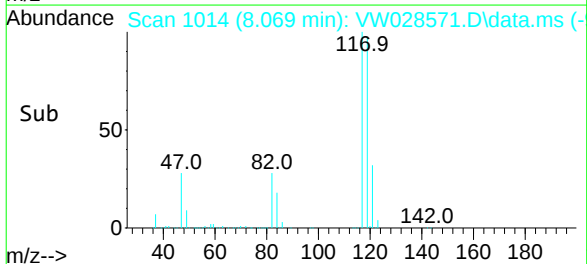
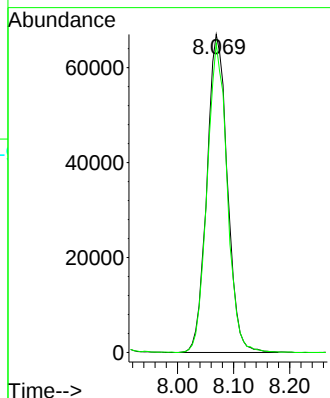
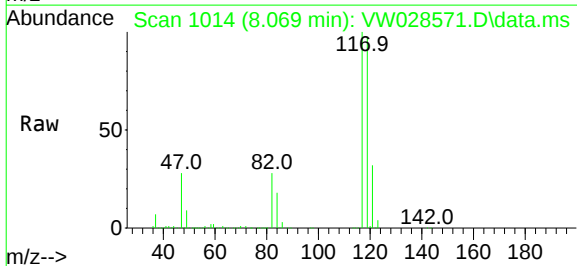
E08Q8MS

Tgt Ion:117 Resp: 170420

Ion Ratio Lower Upper

117 100

119 95.2 77.2 115.8



#33

Benzene

Concen: 25.048 ug/L

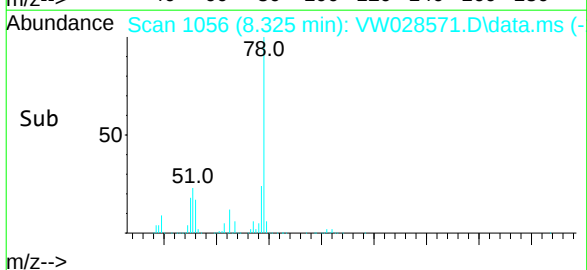
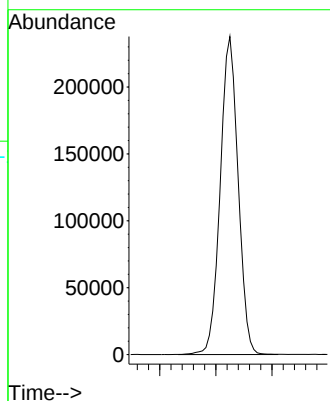
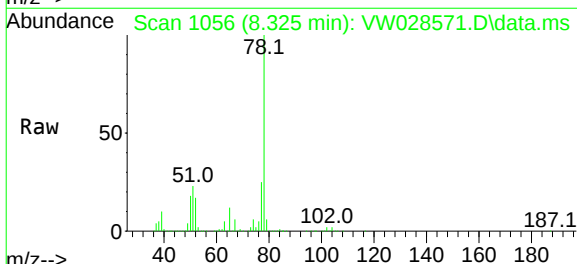
RT: 8.325 min Scan# 1056

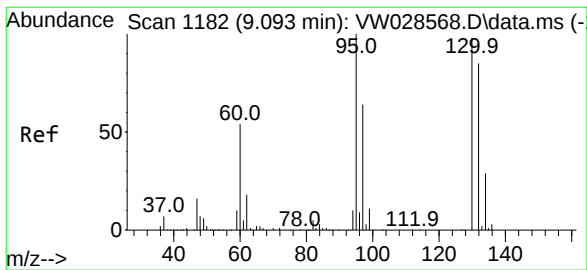
Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Tgt Ion: 78 Resp: 527530





#34

Trichloroethene

Concen: 23.939 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW028571.D

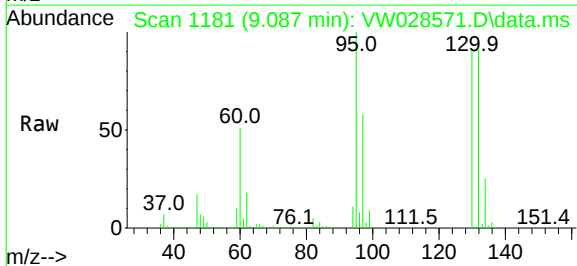
Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

E08Q8MS



Tgt Ion: 95 Resp: 135175

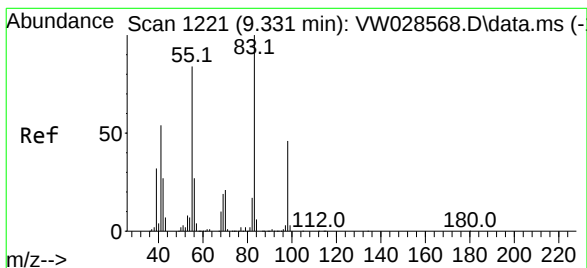
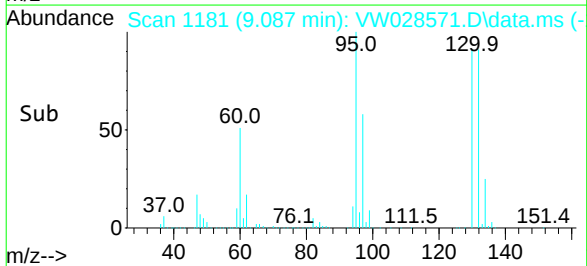
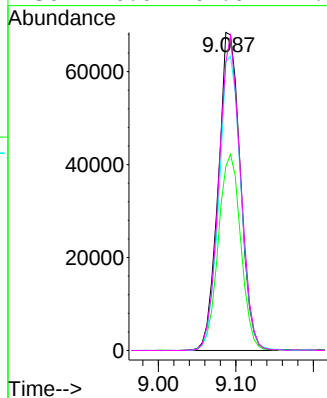
Ion Ratio Lower Upper

95 100

97 57.8 44.9 83.3

132 90.7 59.7 110.9

130 90.6 64.0 119.0



#35

Methylcyclohexane

Concen: 17.176 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

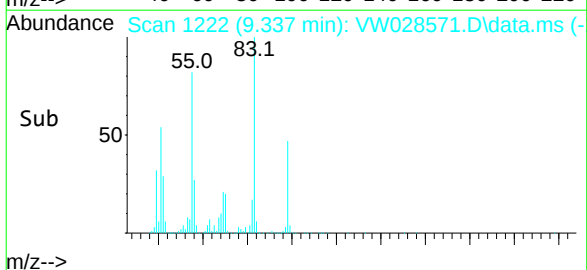
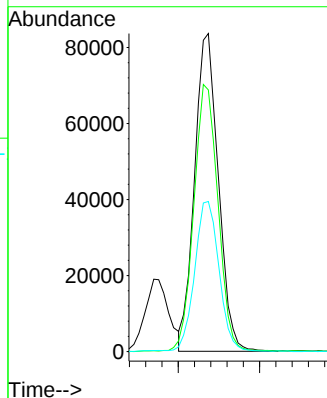
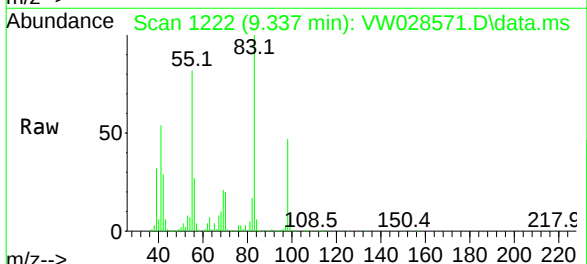
Tgt Ion: 83 Resp: 169495

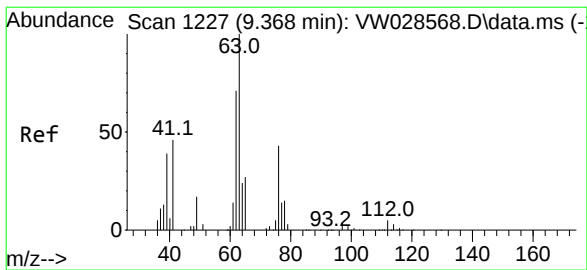
Ion Ratio Lower Upper

83 100

55 85.8 66.9 100.3

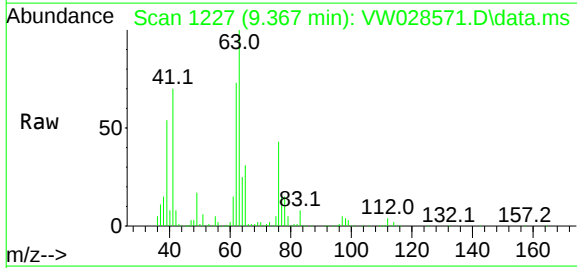
98 48.6 37.9 56.9



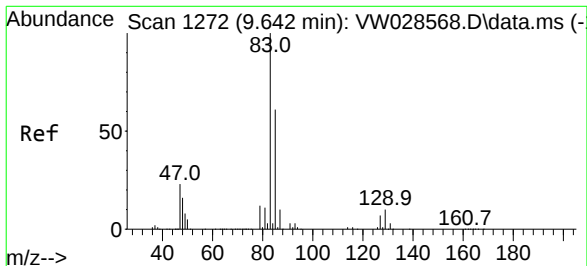
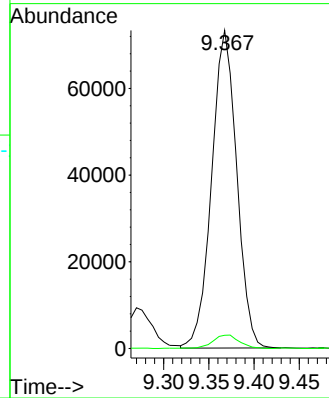
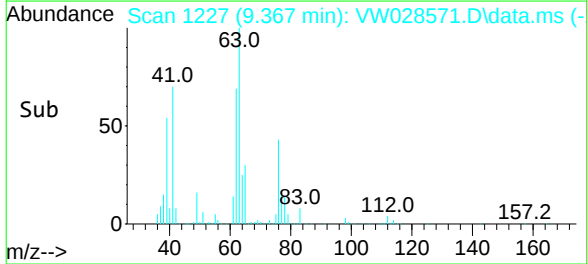


#37
1,2-Dichloropropane
Concen: 25.785 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

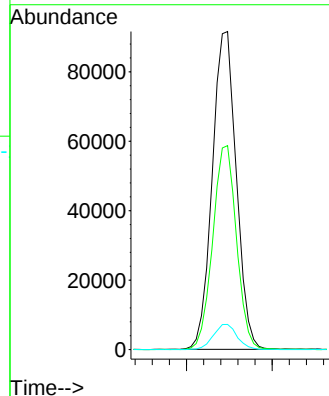
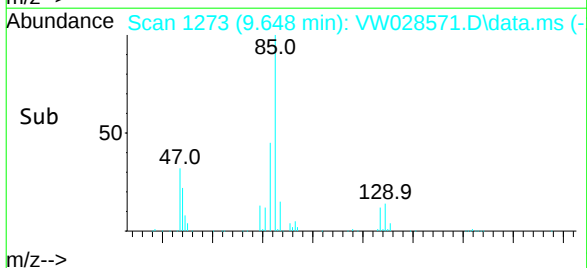
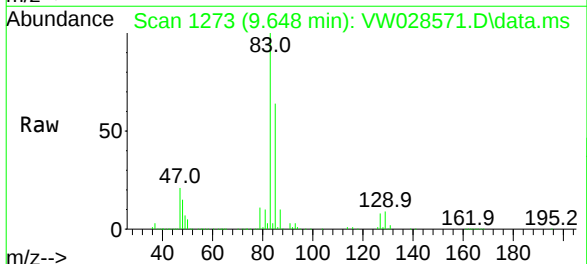


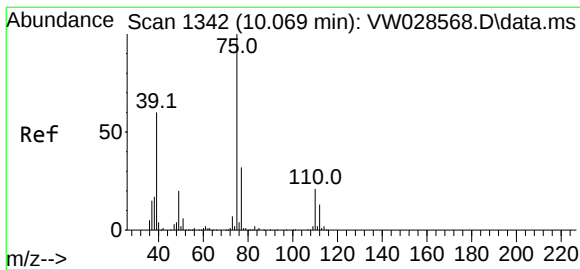
Tgt Ion: 63 Resp: 141504
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3



#38
Bromodichloromethane
Concen: 26.659 ug/L
RT: 9.648 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion: 83 Resp: 178342
Ion Ratio Lower Upper
83 100
85 64.1 43.0 80.0
127 7.9 5.9 8.9

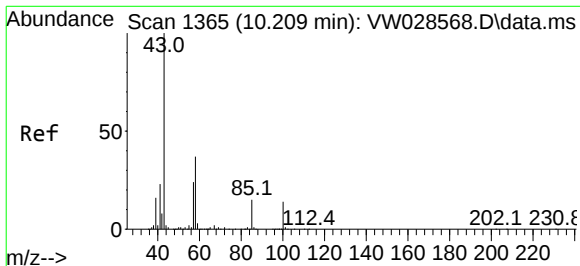
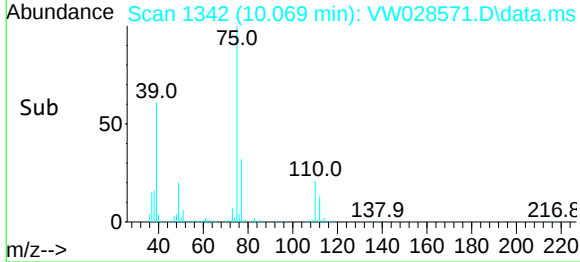
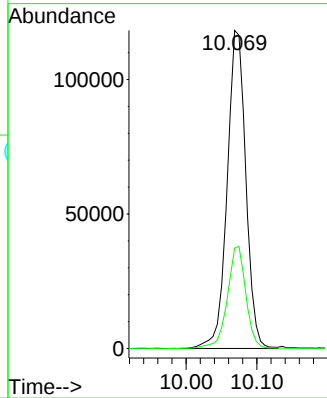
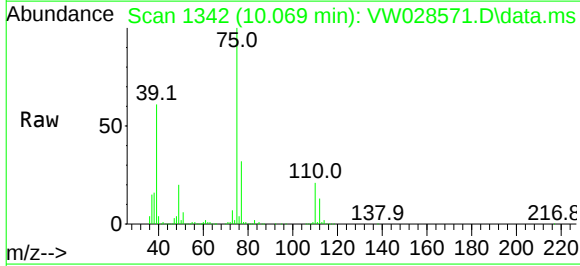




#39
 cis-1,3-Dichloropropene
 Concen: 27.558 ug/L
 RT: 10.069 min Scan# 1342
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

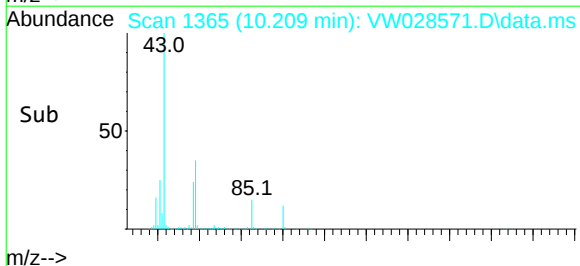
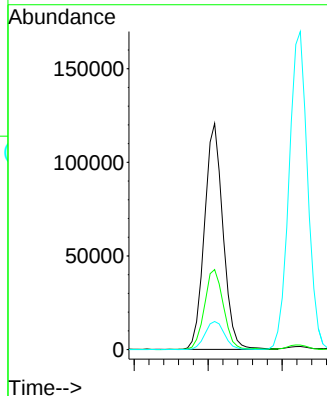
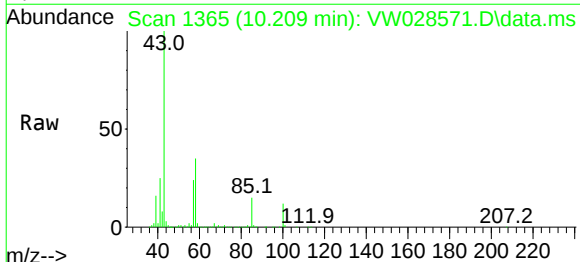
Instrument :
 MSVOA_W
 ClientSampleId :
 E08Q8MS

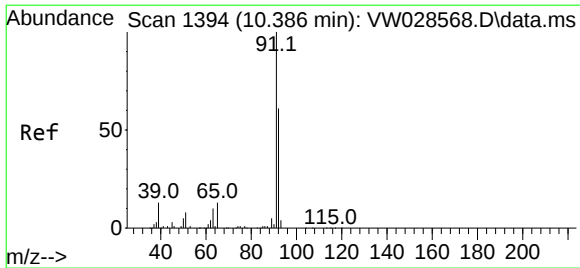
Tgt Ion: 75 Resp: 216764
 Ion Ratio Lower Upper
 75 100
 77 31.6 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 56.261 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

Tgt Ion: 43 Resp: 210137
 Ion Ratio Lower Upper
 43 100
 58 36.1 29.2 43.8
 100 13.2 11.0 16.4





#42

Toluene

Concen: 25.157 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

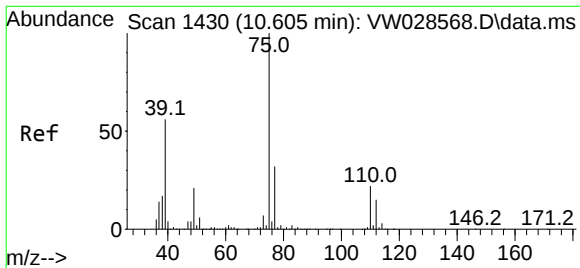
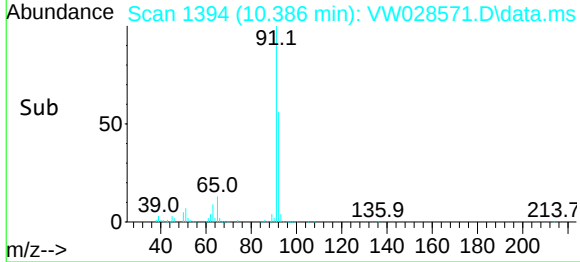
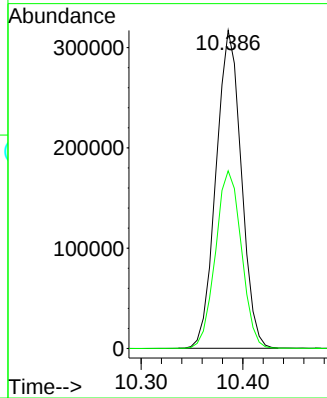
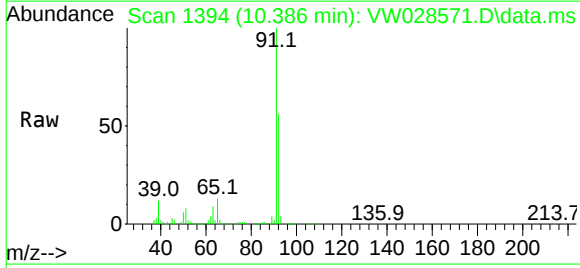
E08Q8MS

Tgt Ion: 91 Resp: 547228

Ion Ratio Lower Upper

91 100

92 55.9 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 28.185 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028571.D

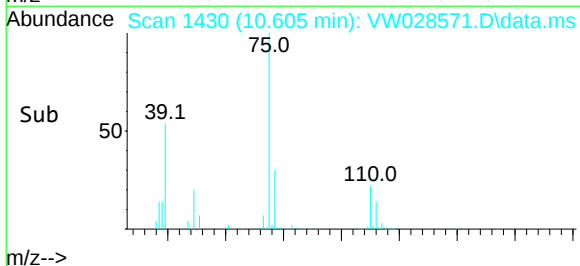
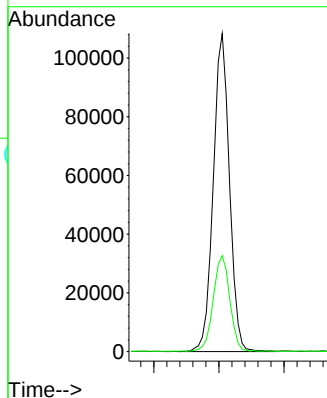
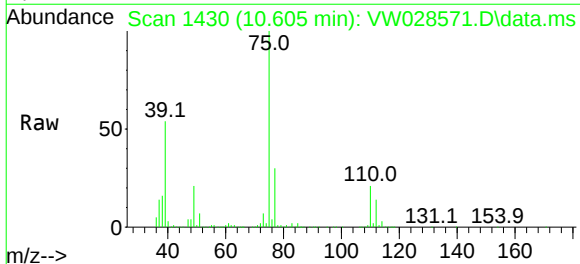
Acq: 02 May 2024 14:57

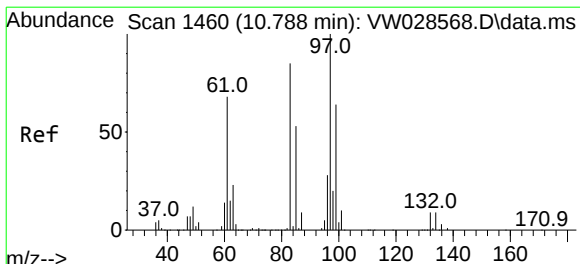
Tgt Ion: 75 Resp: 186924

Ion Ratio Lower Upper

75 100

77 30.2 22.5 41.9

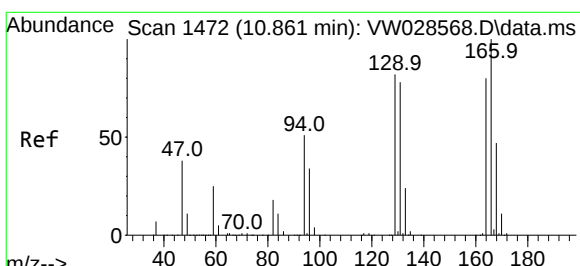
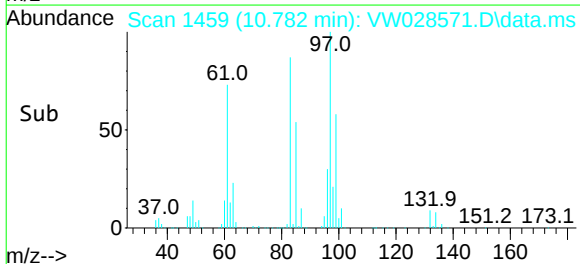
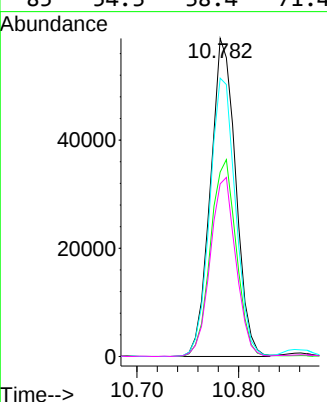
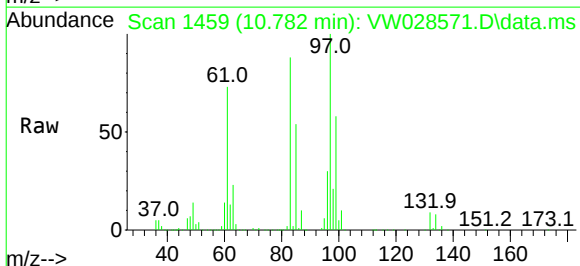




#45
 1,1,2-Trichloroethane
 Concen: 25.534 ug/L
 RT: 10.782 min Scan# 1459
 Delta R.T. -0.006 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

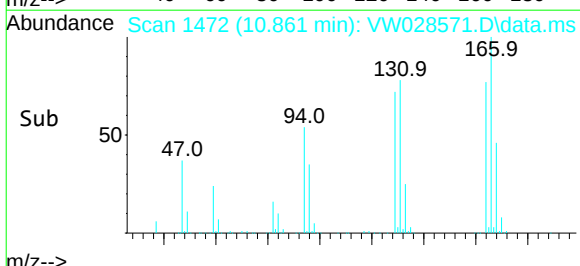
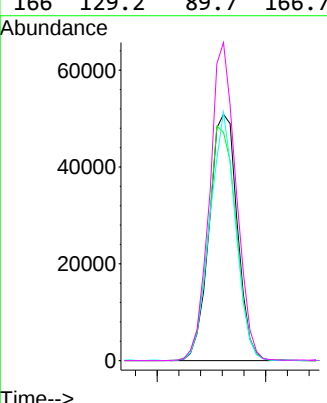
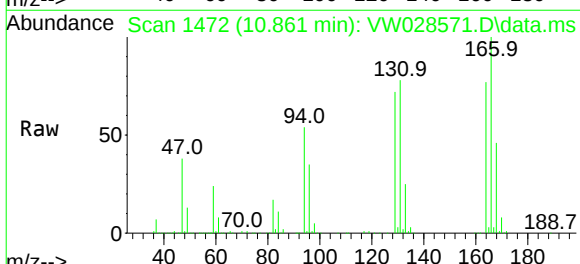
Instrument :
 MSVOA_W
 ClientSampleId :
 E08Q8MS

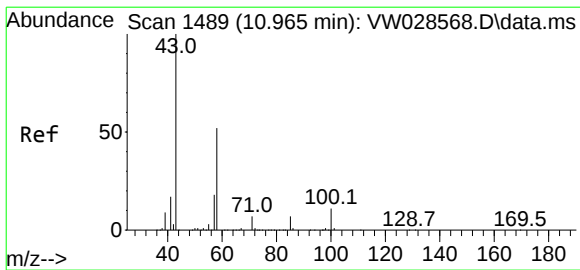
Tgt Ion:	97	Resp:	101510
Ion	Ratio	Lower	Upper
97	100		
99	58.0	41.9	77.9
83	87.5	62.1	115.3
85	54.3	38.4	71.4



#46
 Tetrachloroethene
 Concen: 22.424 ug/L
 RT: 10.861 min Scan# 1472
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

Tgt Ion:	164	Resp:	91226
Ion	Ratio	Lower	Upper
164	100		
129	92.7	69.2	128.6
131	100.8	67.7	125.7
166	129.2	89.7	166.7





#48

2-Hexanone

Concen: 68.028 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW028571.D

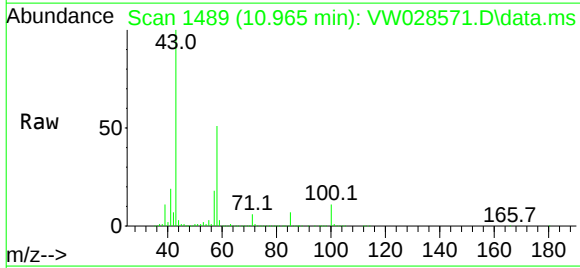
Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

E08Q8MS



Tgt Ion: 43 Resp: 179382

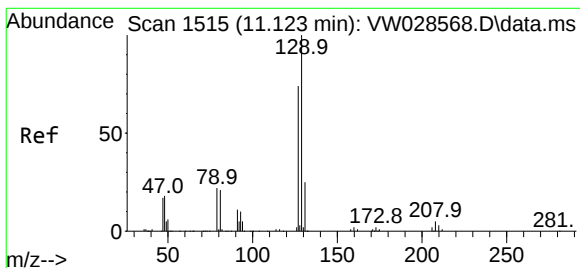
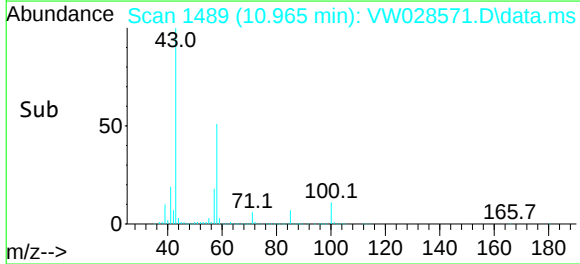
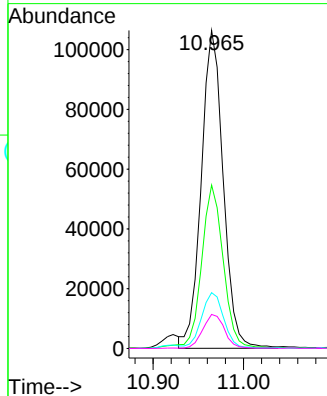
Ion Ratio Lower Upper

43 100

58 49.2 41.0 61.4

57 17.7 14.8 22.2

100 10.4 8.6 12.8



#49

Dibromochloromethane

Concen: 27.020 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028571.D

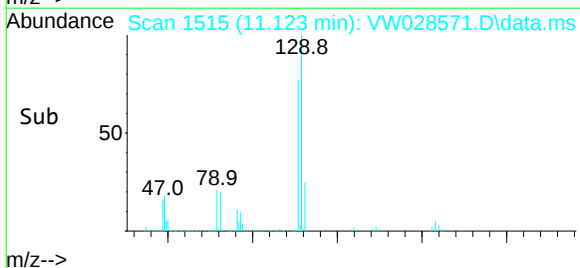
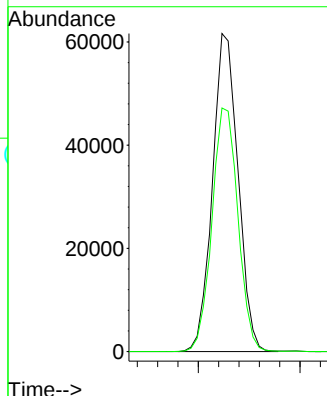
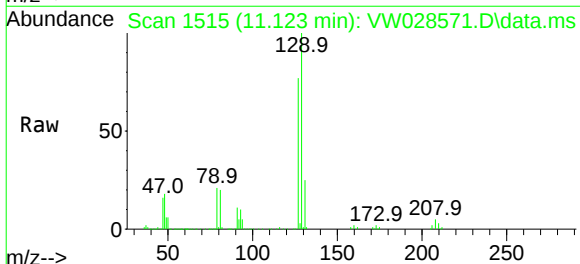
Acq: 02 May 2024 14:57

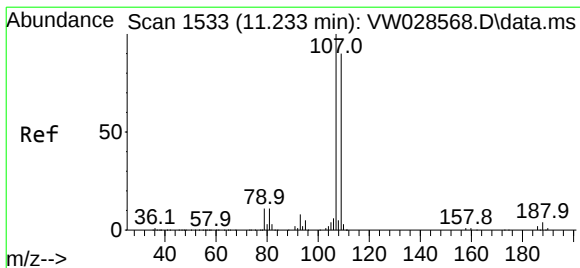
Tgt Ion: 129 Resp: 107741

Ion Ratio Lower Upper

129 100

127 76.6 54.3 100.8





#50

1,2-Dibromoethane

Concen: 26.421 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

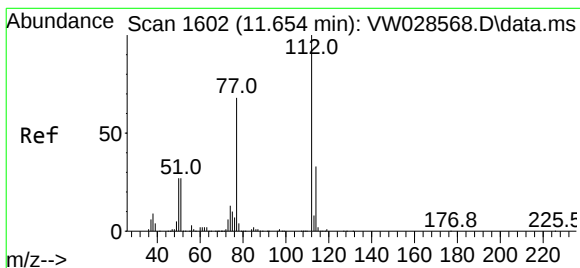
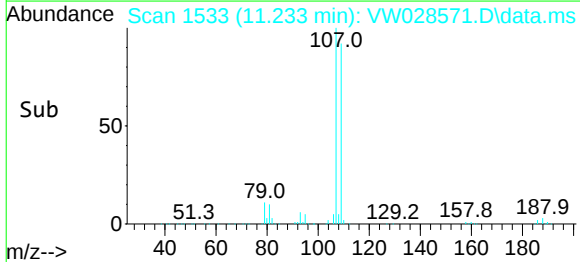
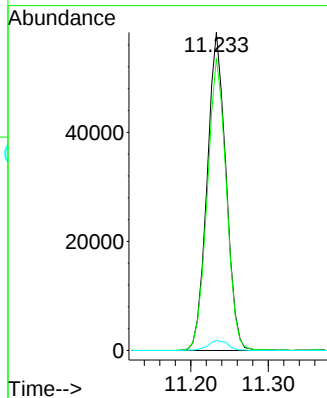
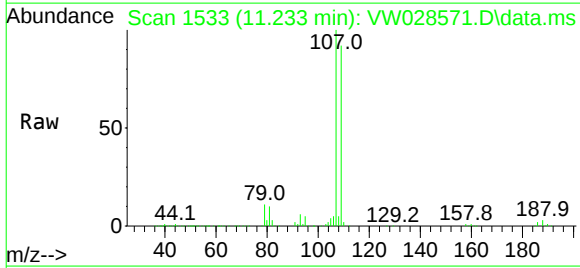
Instrument :

MSVOA_W

ClientSampleId :

E08Q8MS

Tgt Ion:	107	Resp:	98389
Ion	Ratio	Lower	Upper
107	100		
109	92.0	64.2	119.2
188	3.2	3.1	4.7



#51

Chlorobenzene

Concen: 23.657 ug/L

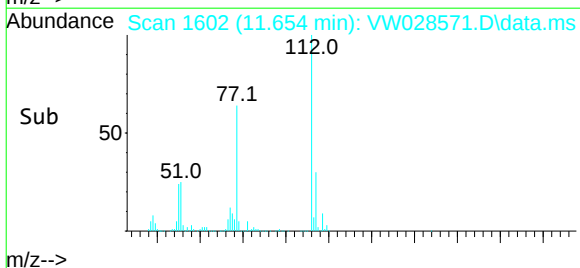
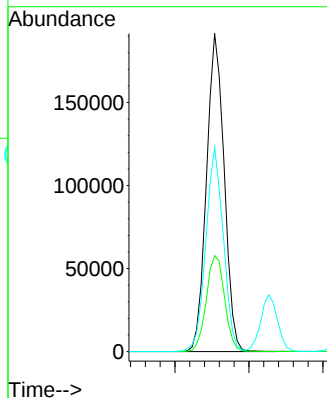
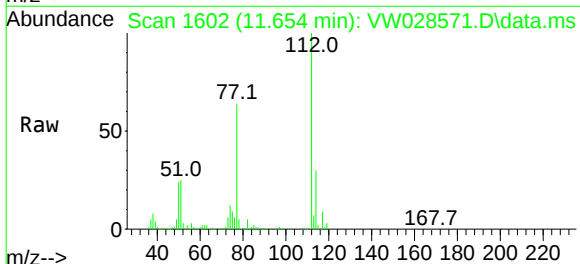
RT: 11.654 min Scan# 1602

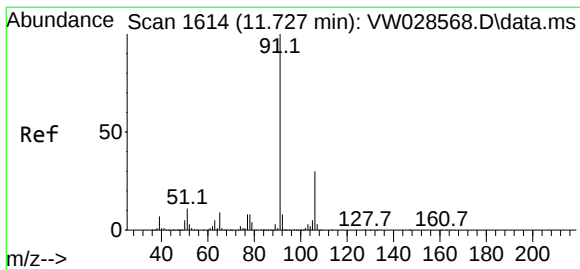
Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Tgt Ion:	112	Resp:	318310
Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.2	41.2
77	64.2	50.8	76.2

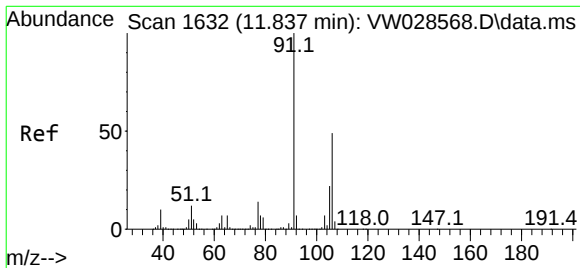
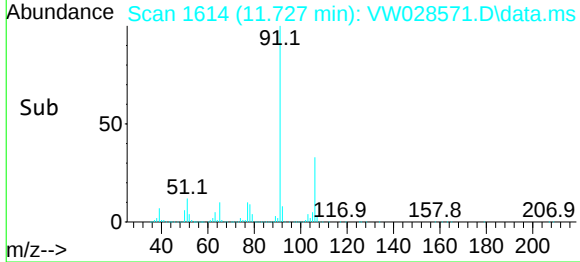
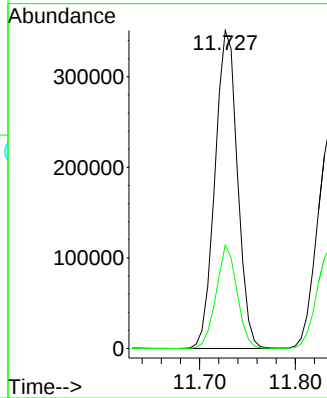
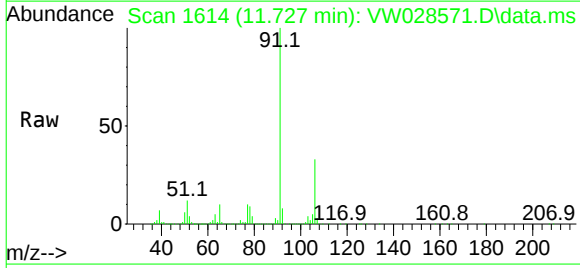




#52
Ethylbenzene
Concen: 23.270 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

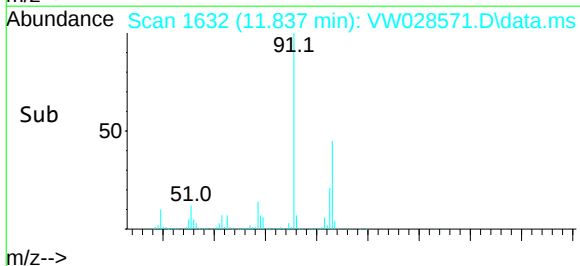
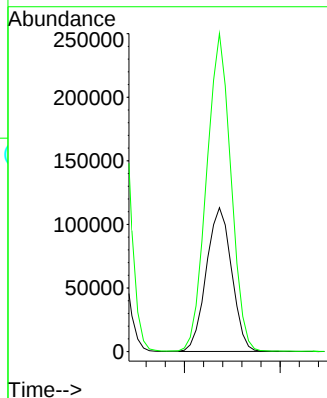
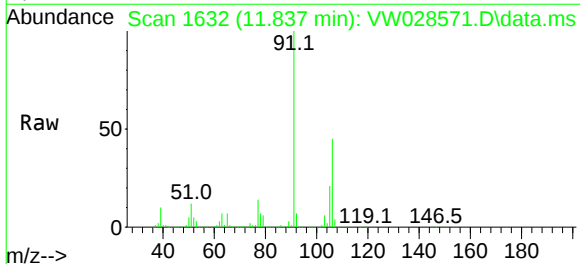
Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

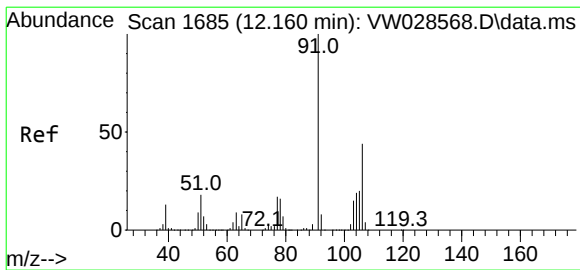
Tgt Ion: 91 Resp: 572835
Ion Ratio Lower Upper
91 100
106 32.5 22.7 42.1



#53
m,p-Xylene
Concen: 23.053 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion: 106 Resp: 208021
Ion Ratio Lower Upper
106 100
91 221.1 146.6 272.2

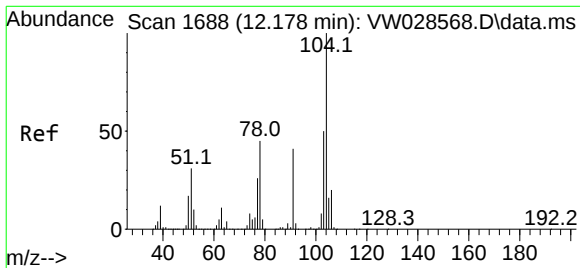
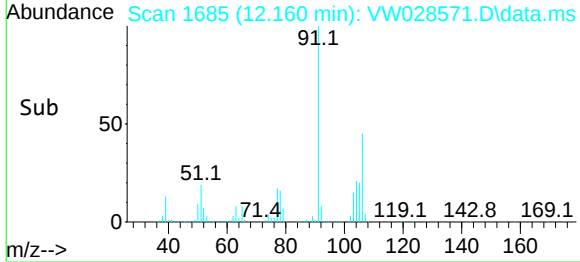
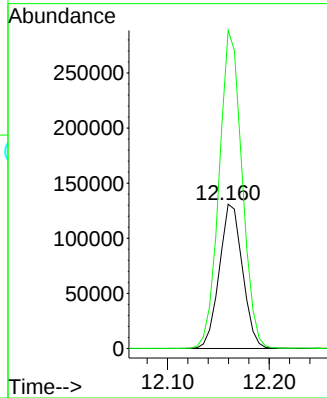
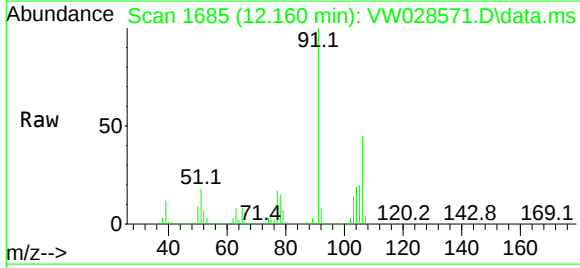




#54
o-Xylene
Concen: 24.880 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

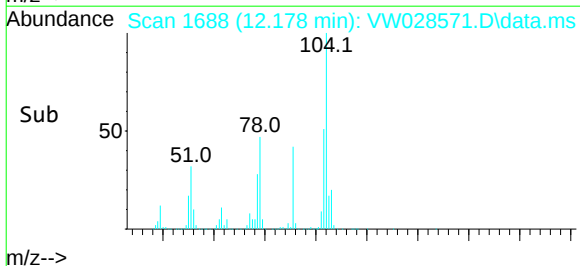
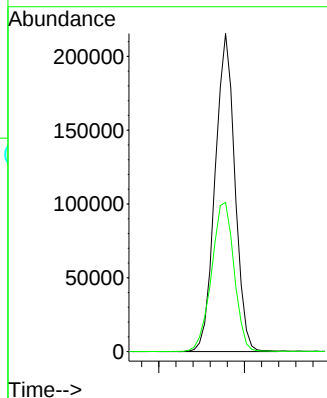
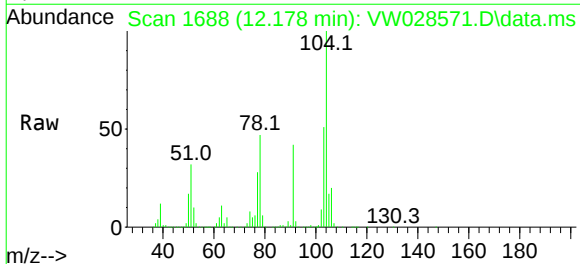
Instrument : MSVOA_W
ClientSampleId : E08Q8MS

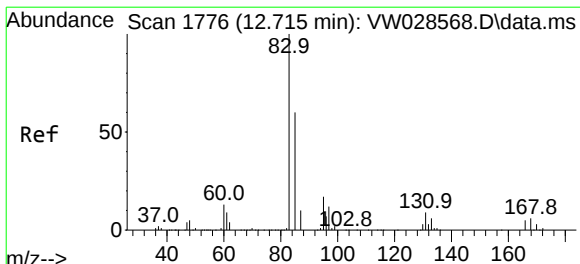
Tgt Ion:106 Resp: 207689
Ion Ratio Lower Upper
106 100
91 220.4 154.3 286.5



#55
Styrene
Concen: 24.418 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion:104 Resp: 345384
Ion Ratio Lower Upper
104 100
78 46.9 34.1 63.3



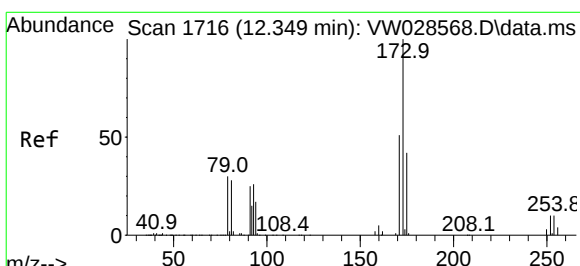
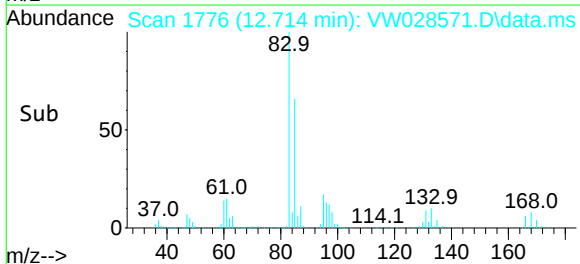
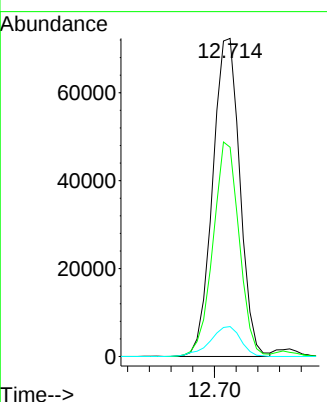
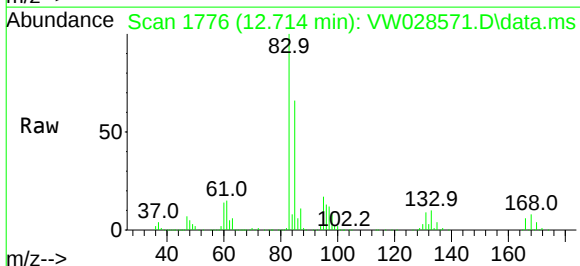


#57
 1,1,2,2-Tetrachloroethane
 Concen: 25.207 ug/L
 RT: 12.714 min Scan# 1776
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

Instrument : MSVOA_W
 ClientSampleId : E08Q8MS

Tgt Ion: 83 Resp: 125722

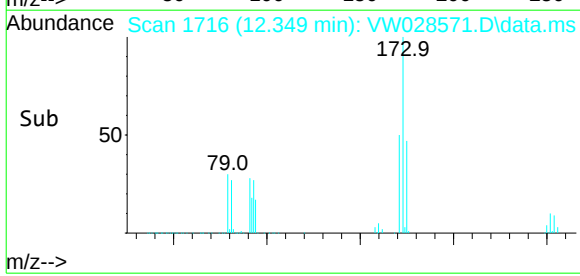
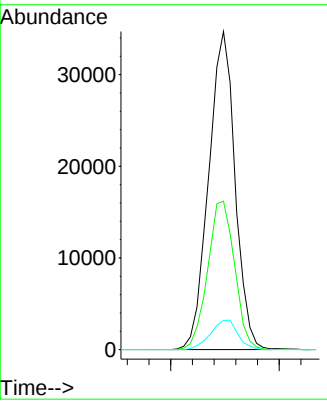
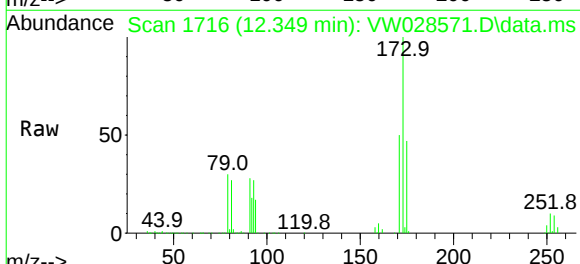
Ion	Ratio	Lower	Upper
83	100		
85	65.8	45.6	84.6
131	9.4	7.3	10.9

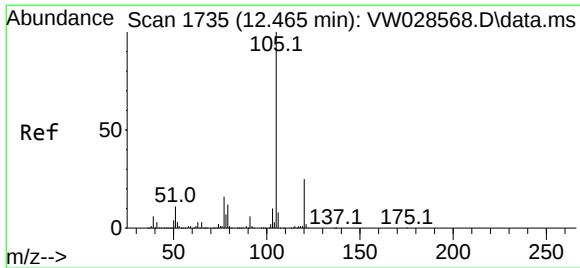


#59
 Bromoform
 Concen: 29.170 ug/L
 RT: 12.349 min Scan# 1716
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

Tgt Ion: 173 Resp: 58616

Ion	Ratio	Lower	Upper
173	100		
175	47.5	39.8	59.8
254	9.6	7.1	10.7





#60

Isopropylbenzene

Concen: 24.895 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.006 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

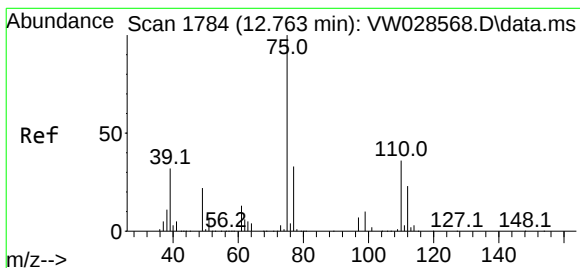
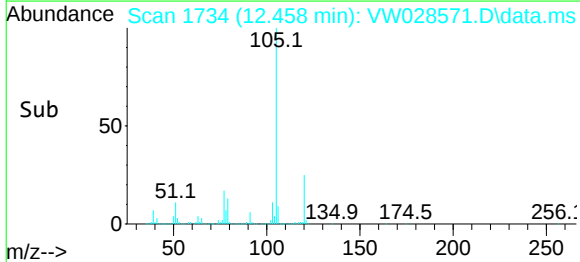
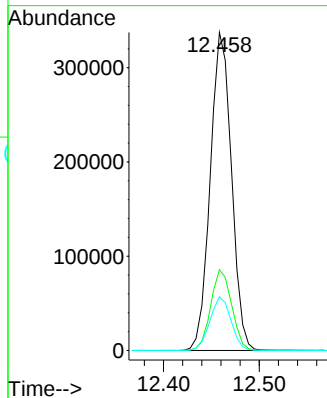
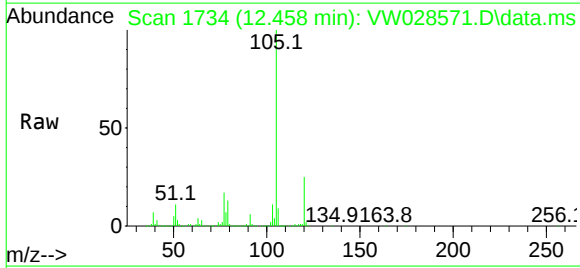
Instrument :

MSVOA_W

ClientSampleId :

E08Q8MS

Tgt Ion:	105	Resp:	520208
Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.5	30.7
77	16.8	13.4	20.2



#61

1,2,3-Trichloropropane

Concen: 28.554 ug/L

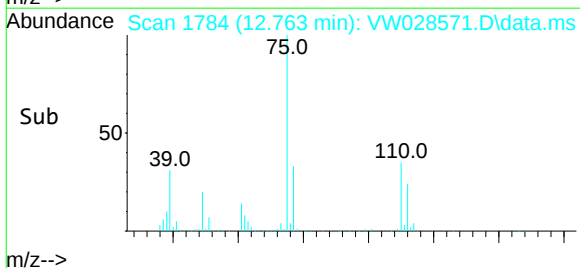
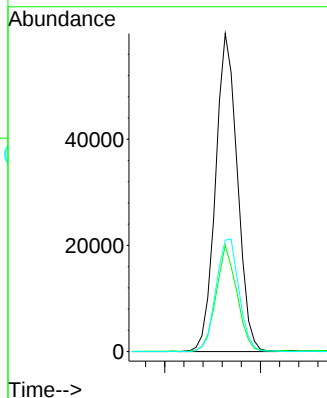
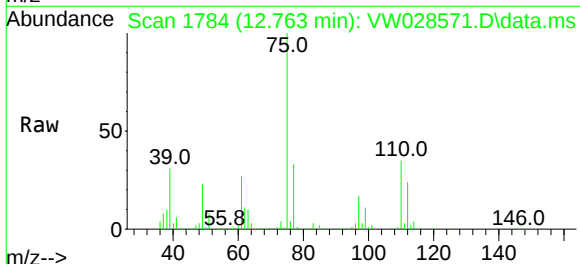
RT: 12.763 min Scan# 1784

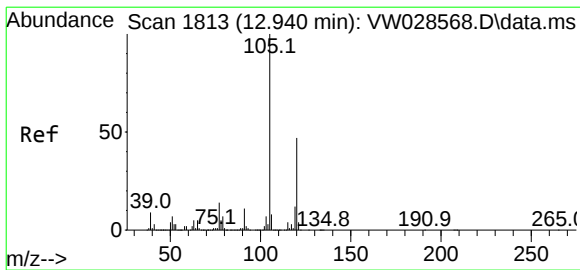
Delta R.T. -0.000 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

Tgt Ion:	75	Resp:	95048
Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.9	38.9
110	37.0	30.6	45.8

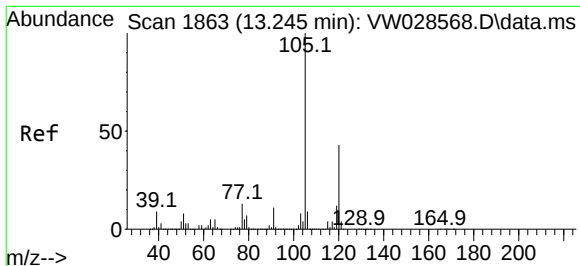
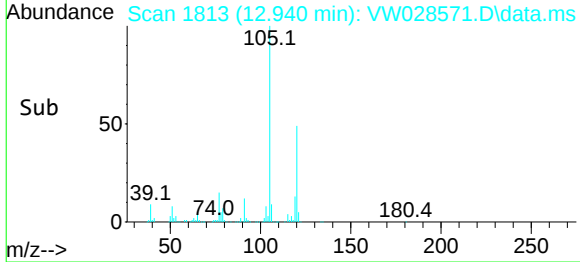
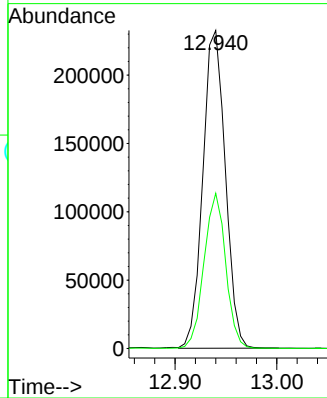
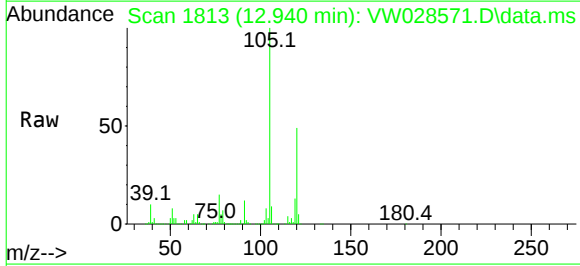




#62
1,3,5-Trimethylbenzene
Concen: 24.135 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

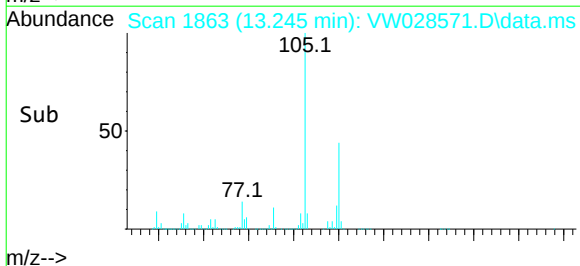
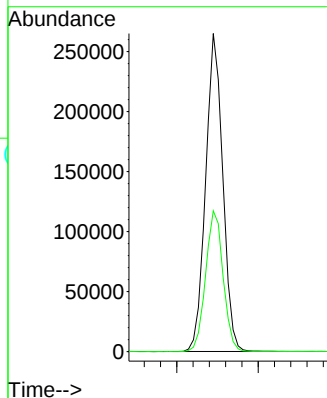
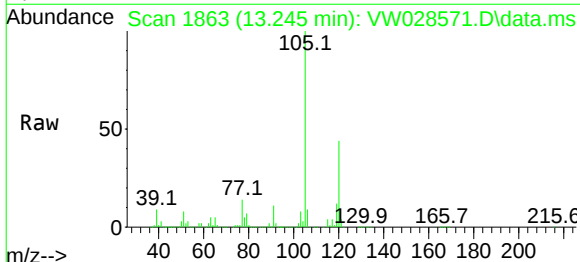
Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

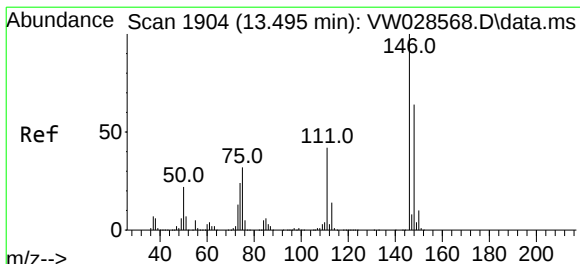
Tgt Ion:105 Resp: 356828
Ion Ratio Lower Upper
105 100
120 47.2 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 24.291 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion:105 Resp: 386950
Ion Ratio Lower Upper
105 100
120 45.1 34.1 51.1

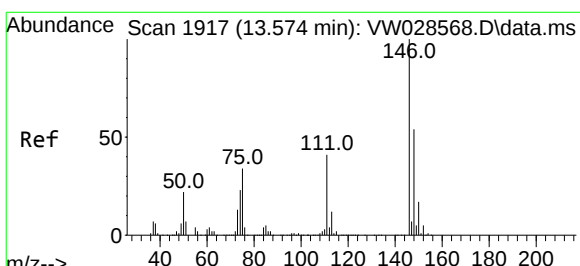
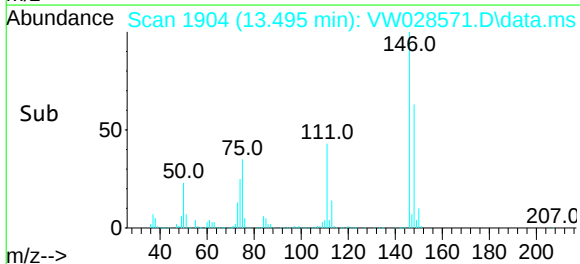
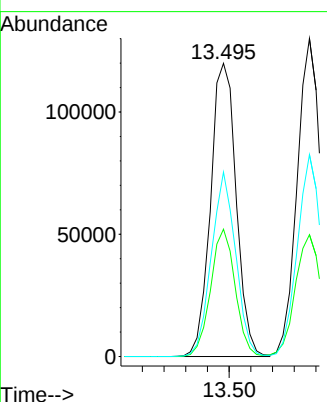
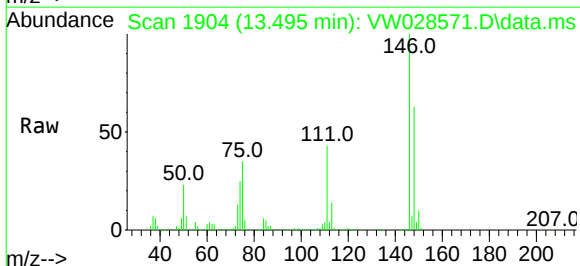




#64
 1,3-Dichlorobenzene
 Concen: 22.594 ug/L
 RT: 13.495 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

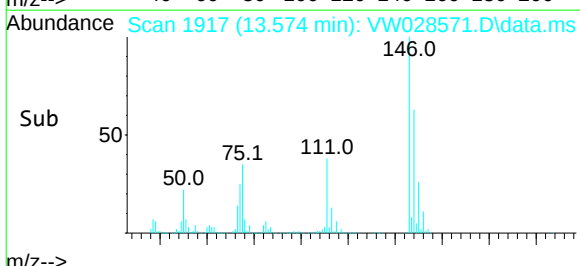
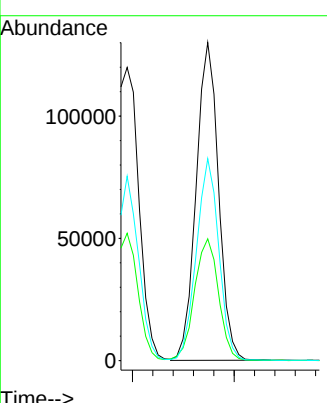
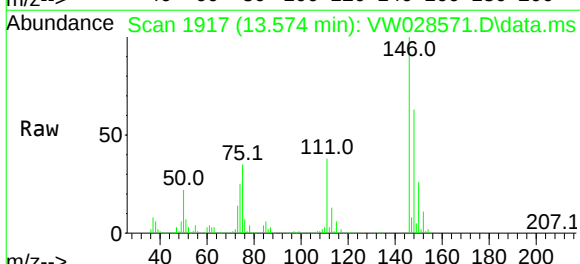
Instrument :
 MSVOA_W
 ClientSampleId :
 E08Q8MS

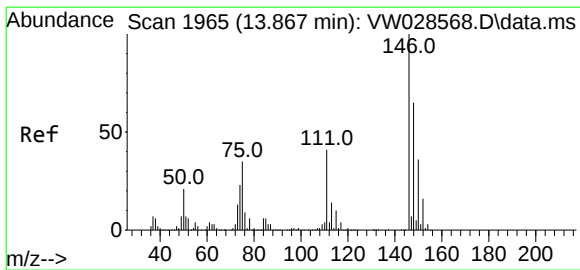
Tgt Ion:	146	Resp:	196406
Ion	Ratio	Lower	Upper
146	100		
111	43.4	30.7	57.1
148	62.9	47.0	87.2



#65
 1,4-Dichlorobenzene
 Concen: 22.344 ug/L
 RT: 13.574 min Scan# 1917
 Delta R.T. -0.000 min
 Lab File: VW028571.D
 Acq: 02 May 2024 14:57

Tgt Ion:	146	Resp:	198579
Ion	Ratio	Lower	Upper
146	100		
111	38.3	29.1	54.1
148	63.5	41.2	76.6

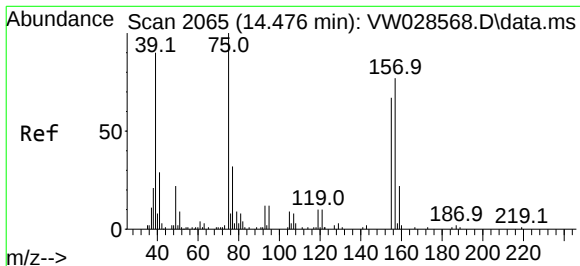
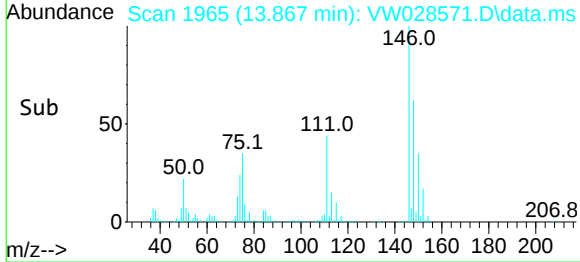
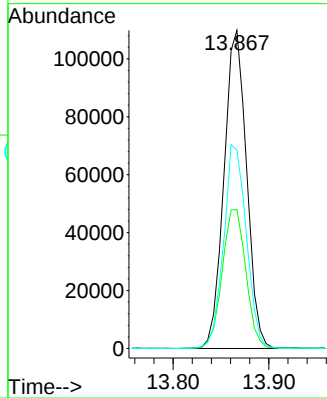
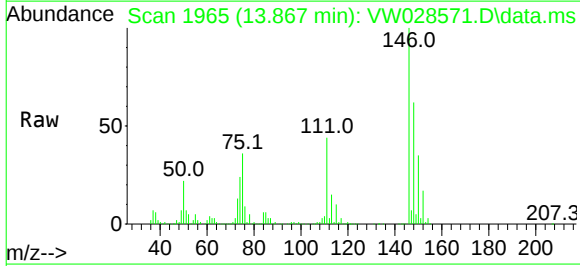




#67
1,2-Dichlorobenzene
Concen: 23.157 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

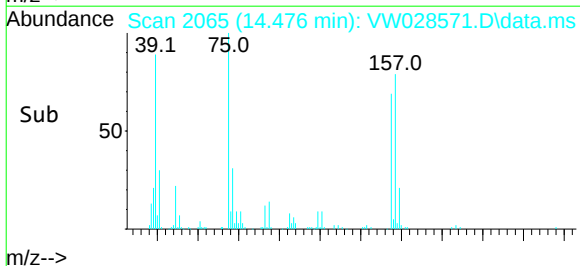
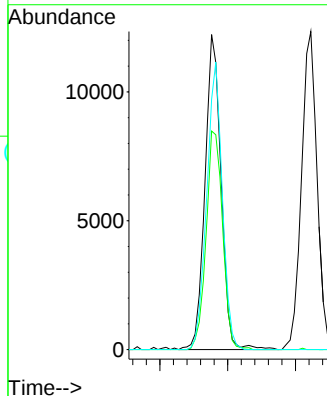
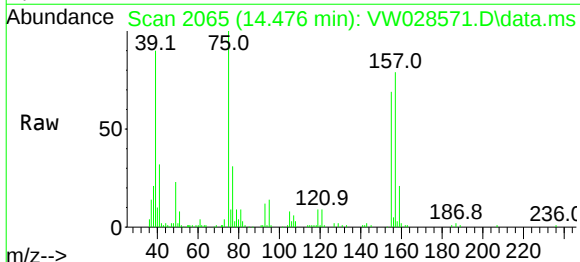
Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

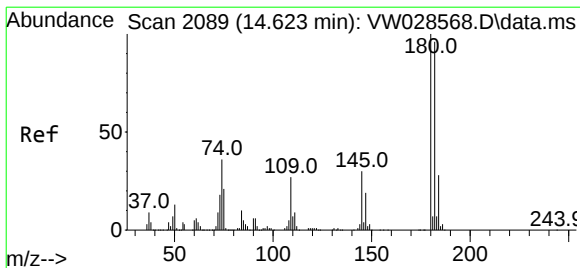
Tgt Ion: 146 Resp: 180174
Ion Ratio Lower Upper
146 100
111 43.7 34.7 52.1
148 62.3 51.8 77.8



#68
1,2-Dibromo-3-chloropropane
Concen: 25.875 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion: 75 Resp: 20138
Ion Ratio Lower Upper
75 100
155 69.4 55.1 82.7
157 79.5 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 14.910 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028571.D

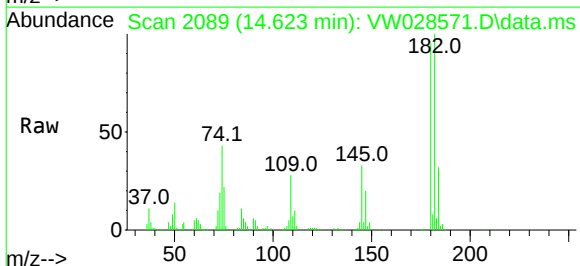
Acq: 02 May 2024 14:57

Instrument :

MSVOA_W

ClientSampleId :

E08Q8MS



Tgt Ion:180 Resp: 86972

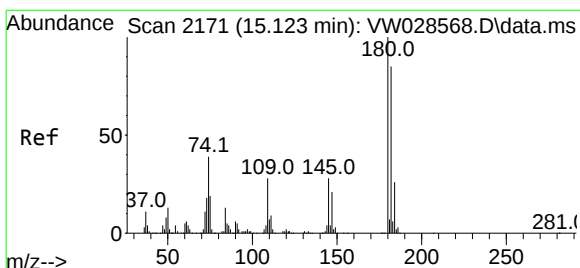
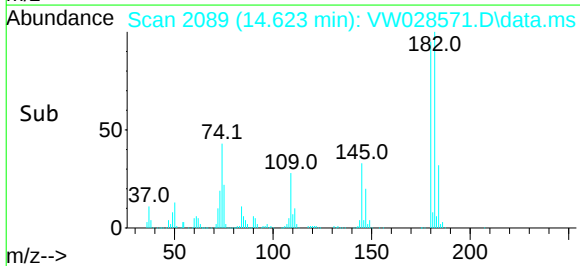
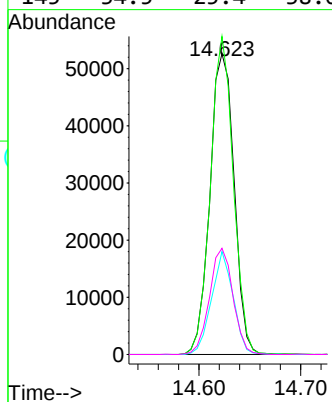
Ion Ratio Lower Upper

180 100

182 100.3 75.4 113.2

184 30.6 24.0 36.0

145 34.5 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 15.801 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028571.D

Acq: 02 May 2024 14:57

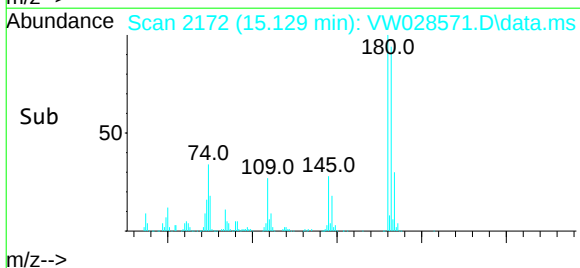
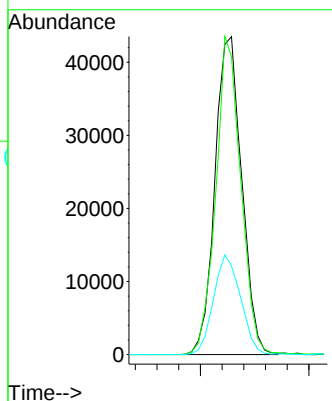
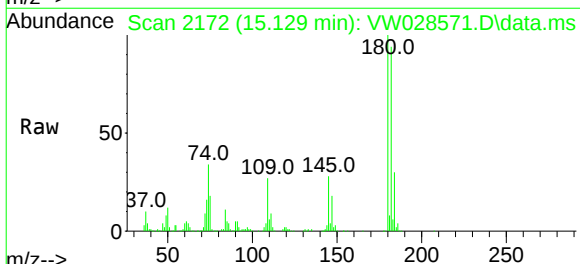
Tgt Ion:180 Resp: 74475

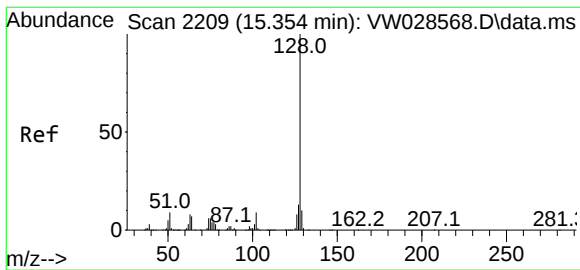
Ion Ratio Lower Upper

180 100

182 93.5 77.2 115.8

145 31.6 26.6 39.8

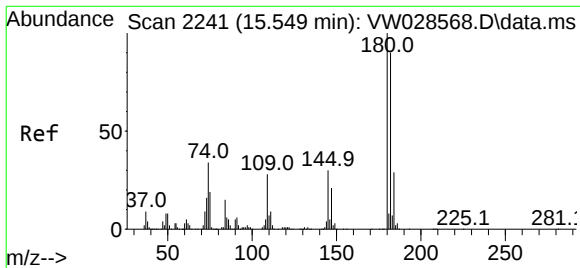
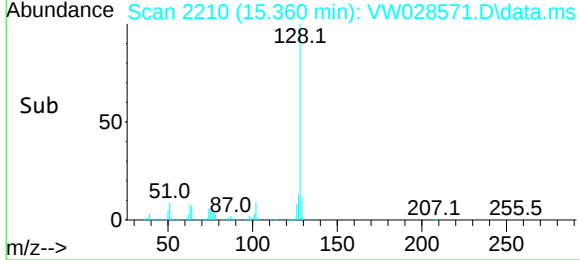
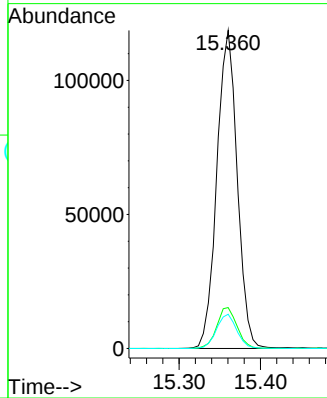
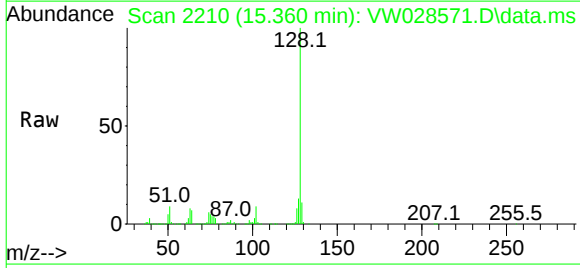




#71
Naphthalene
Concen: 20.571 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Instrument :
MSVOA_W
ClientSampleId :
E08Q8MS

Tgt Ion:	128	Resp:	206575
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	10.7	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 15.340 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VW028571.D
Acq: 02 May 2024 14:57

Tgt Ion:	180	Resp:	65240
Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.1	114.1
145	33.6	28.3	42.5

