

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101424\
 Data File : VW030585.D
 Acq On : 14 Oct 2024 11:19
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 15 01:04:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Oct 14 04:33:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	288121	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	270613	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	136870	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	103214	22.790	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.160%
7) Chloroethane-d5	2.899	69	89920	26.230	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.920%
11) 1,1-Dichloroethene-d2	4.021	65	44669	23.714	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.840%
21) 2-Butanone-d5	7.075	46	49334	60.531	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.060%
24) Chloroform-d	7.648	84	227172	27.570	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.280%
26) 1,2-Dichloroethane-d4	8.301	65	118059	27.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	8.270	84	414767	26.408	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.640%
36) 1,2-Dichloropropane-d6	9.270	67	123520	26.794	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.160%
41) Toluene-d8	10.319	98	399985	27.897	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.600%
43) trans-1,3-Dichloroprop...	10.575	79	53376	27.651	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.600%
47) 2-Hexanone-d5	10.922	63	38824	65.387	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101066	29.852	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	13.848	152	129128	27.883	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.520%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	83328	22.637	ug/L	91
3) Chloromethane	2.223	50	103079	24.093	ug/L	98
5) Vinyl chloride	2.375	62	135287	25.713	ug/L	98
6) Bromomethane	2.789	94	95259	27.507	ug/L	98
8) Chloroethane	2.936	64	85677	26.638	ug/L	97
9) Trichlorofluoromethane	3.271	101	112344	23.863	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	106323	25.102	ug/L #	83
12) 1,1-Dichloroethene	4.045	96	100286	25.943	ug/L	94
13) Acetone	4.119	43	55461	46.481	ug/L	96
14) Carbon disulfide	4.387	76	293591	23.258	ug/L	98
15) Methyl Acetate	4.667	43	40762	27.655	ug/L	96
16) Methylene chloride	4.917	84	111686	25.641	ug/L	94
17) trans-1,2-Dichloroethene	5.423	96	110781	26.559	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	172566	29.560	ug/L	98
19) 1,1-Dichloroethane	6.216	63	208929	26.950	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	124967	28.088	ug/L	96
22) 2-Butanone	7.167	43	63884	49.669	ug/L	100
23) Bromochloromethane	7.514	128	55101	28.310	ug/L	98
25) Chloroform	7.673	83	224496	27.098	ug/L	99

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 Response via : Initial Calibration

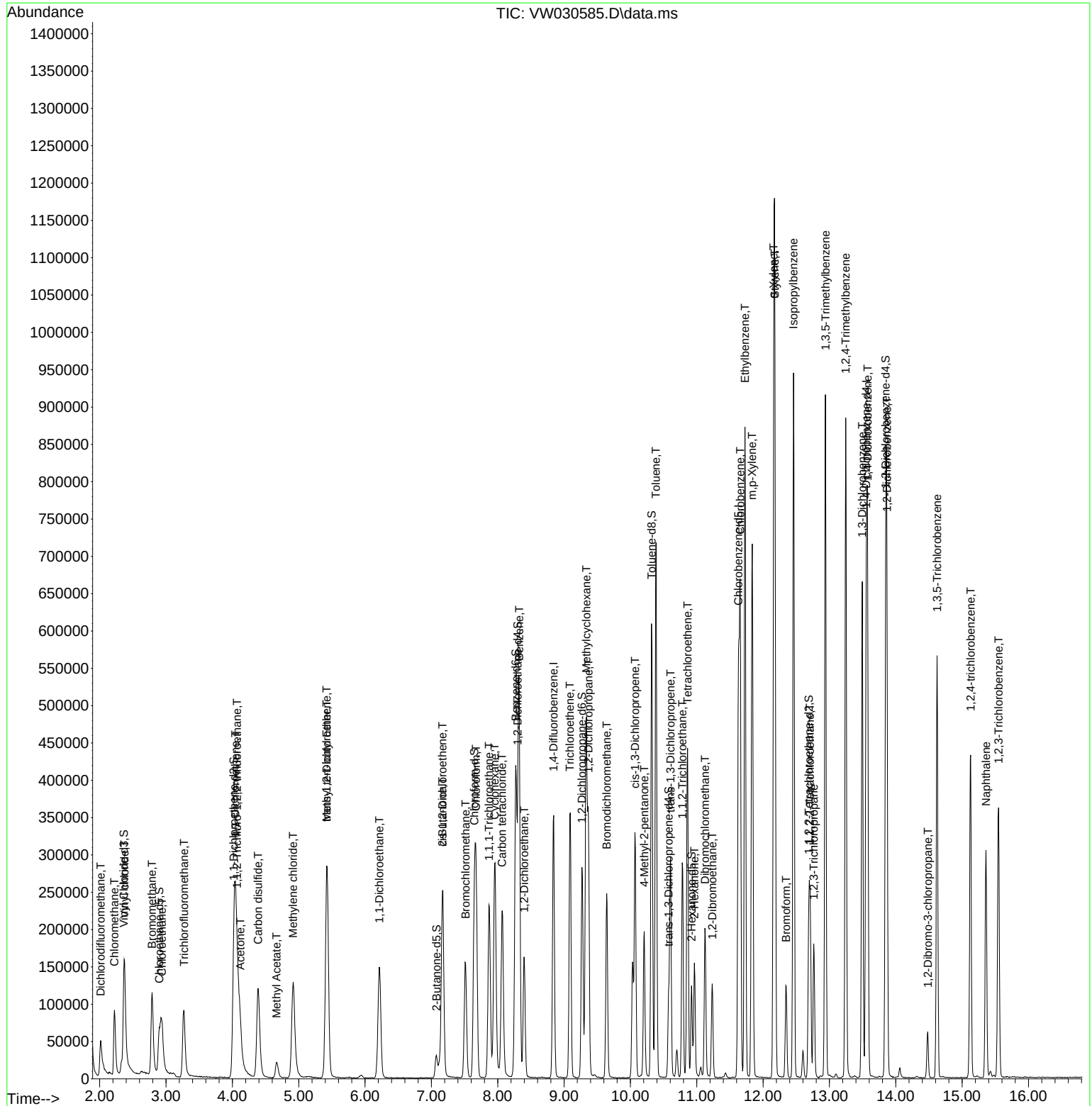
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	146395	26.785	ug/L	99
29) Cyclohexane	7.953	56	164158	24.920	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	179416	24.975	ug/L	100
31) Carbon tetrachloride	8.063	117	163927	25.549	ug/L	97
33) Benzene	8.325	78	468936	26.629	ug/L	100
34) Trichloroethene	9.087	95	123559	25.220	ug/L	94
35) Methylcyclohexane	9.337	83	196015	25.422	ug/L	97
37) 1,2-Dichloropropane	9.368	63	119381	27.143	ug/L	100
38) Bromodichloromethane	9.642	83	159551	27.266	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	183412	27.647	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	121268	57.393	ug/L	99
42) Toluene	10.386	91	513314	27.322	ug/L	95
44) trans-1,3-Dichloropropene	10.605	75	156553	28.082	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	89415	28.129	ug/L	99
46) Tetrachloroethene	10.861	164	93000	25.737	ug/L	93
48) 2-Hexanone	10.965	43	93436	54.074	ug/L	98
49) Dibromochloromethane	11.123	129	98369	27.734	ug/L	93
50) 1,2-Dibromoethane	11.233	107	82487	27.810	ug/L	99
51) Chlorobenzene	11.654	112	321309	26.567	ug/L	96
52) Ethylbenzene	11.727	91	589687	27.507	ug/L	97
53) m,p-Xylene	11.837	106	219026	27.271	ug/L	99
54) o-Xylene	12.160	106	209166	28.170	ug/L	92
55) Styrene	12.178	104	360736	28.419	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	100323	27.987	ug/L	96
59) Bromoform	12.349	173	53380	27.759	ug/L	99
60) Isopropylbenzene	12.458	105	580732	27.398	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	72520	27.229	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	476972	28.523	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	462022	28.219	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	250893	27.194	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	263035	27.611	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	217349	26.772	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.483	75	15142	25.498	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	157495	25.887	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	128901	26.318	ug/L	97
71) Naphthalene	15.360	128	248867	29.410	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	112415	26.475	ug/L	98

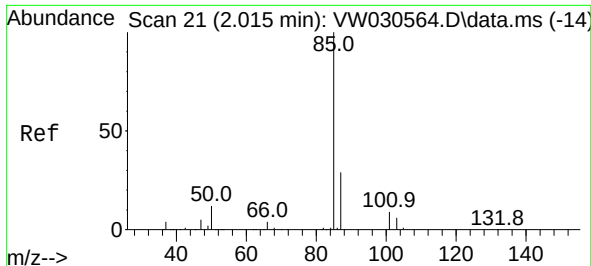
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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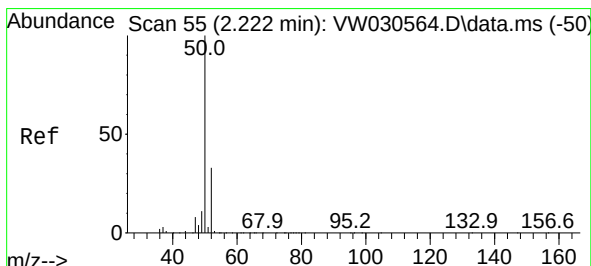
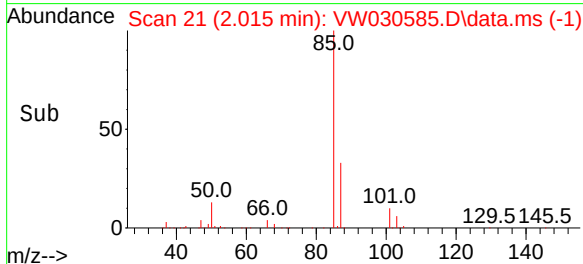
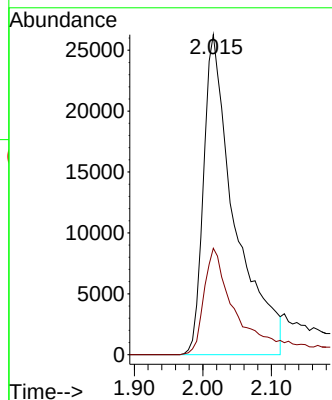
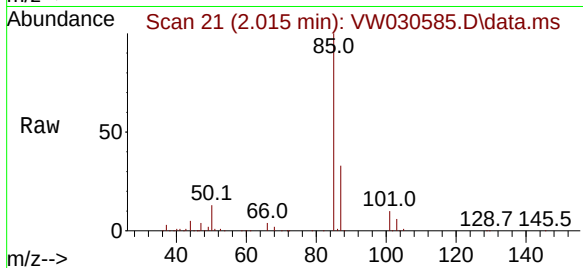




#2
 Dichlorodifluoromethane
 Concen: 22.637 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

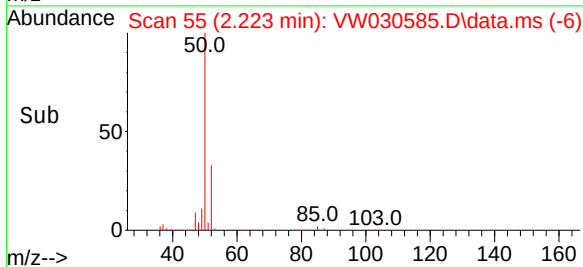
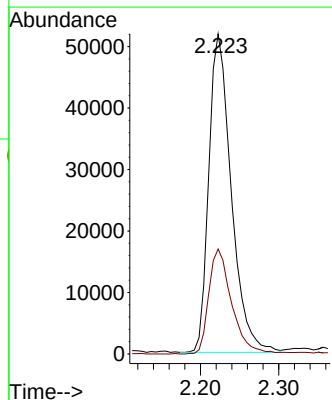
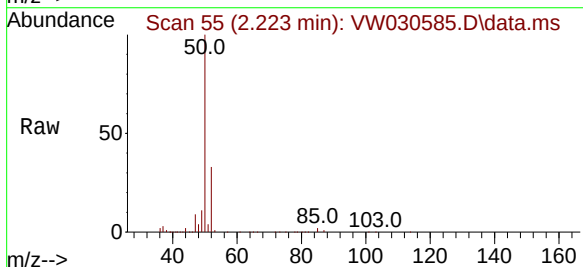
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 ClientSampleId :

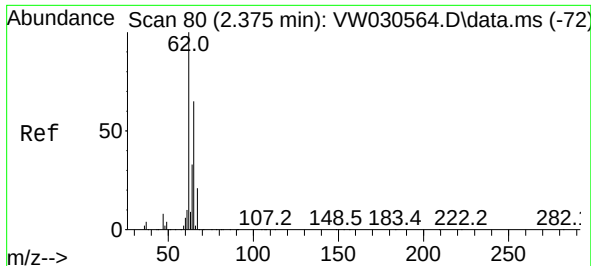
Tgt Ion: 85 Resp: 83328
 Ion Ratio Lower Upper
 85 100
 87 34.4 23.8 35.6



#3
 Chloromethane
 Concen: 24.093 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

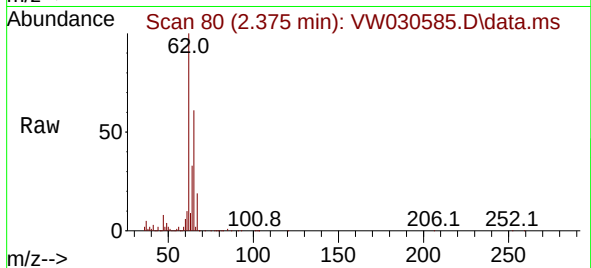
Tgt Ion: 50 Resp: 103079
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 43.9



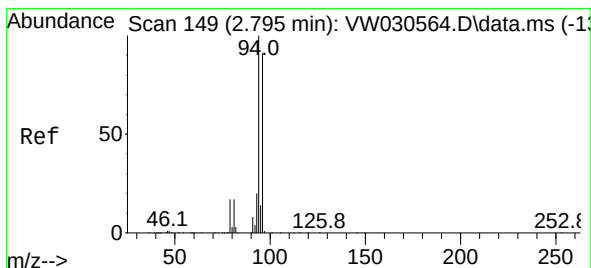
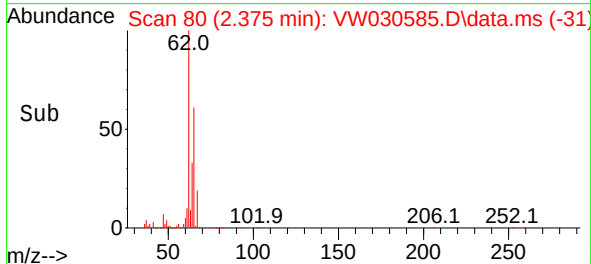
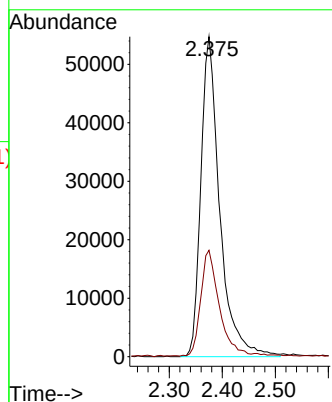


#5
 Vinyl chloride
 Concen: 25.713 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

Instrument :
 MSVOA_W
 ClientSampleId :

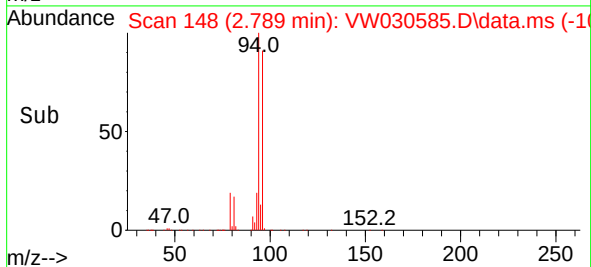
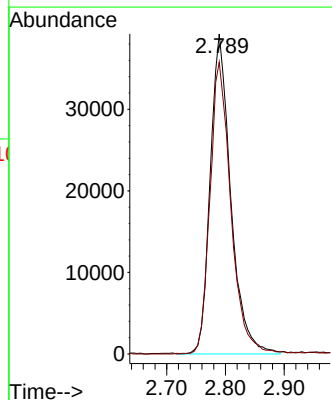
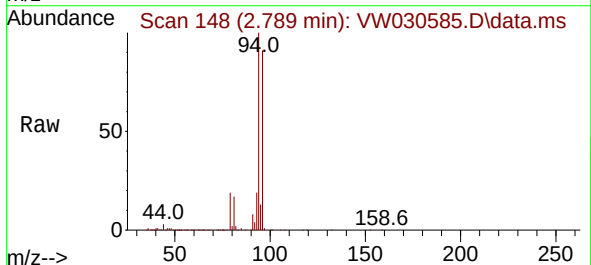


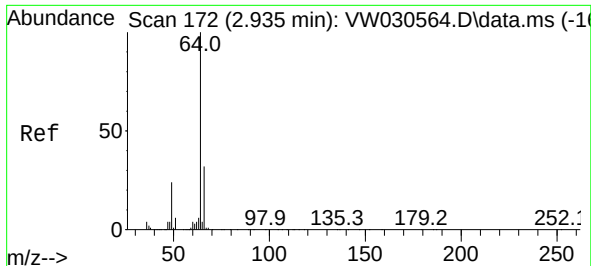
Tgt Ion: 62 Resp: 135287
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.6 42.0



#6
 Bromomethane
 Concen: 27.507 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

Tgt Ion: 94 Resp: 95259
 Ion Ratio Lower Upper
 94 100
 96 91.3 62.6 116.2

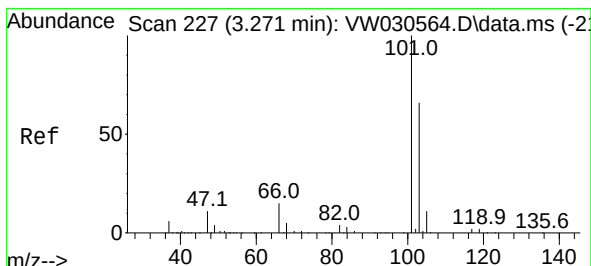
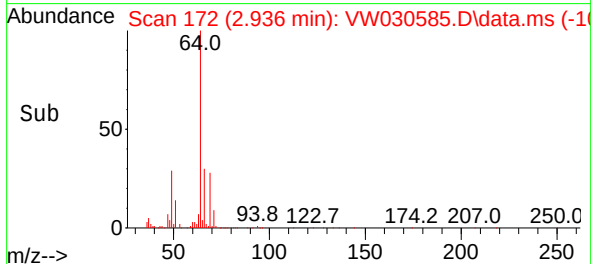
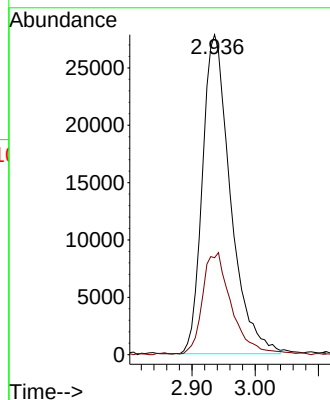
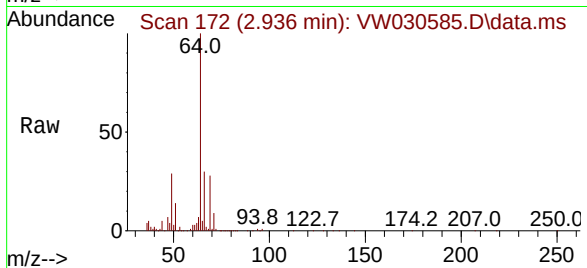




#8
Chloroethane
Concen: 26.638 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

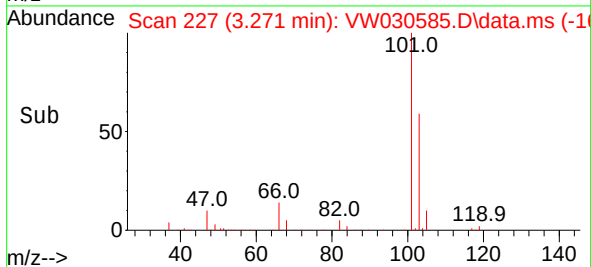
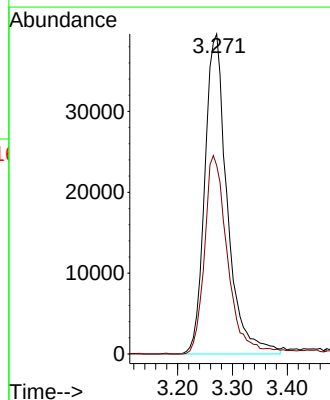
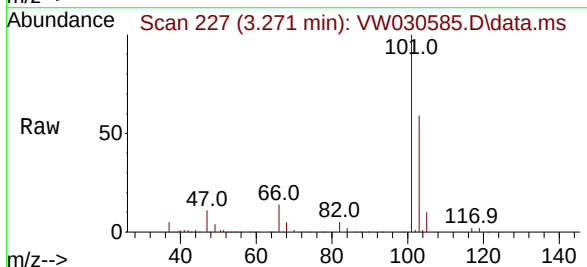
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MSVOA_W
ClientSampleId :

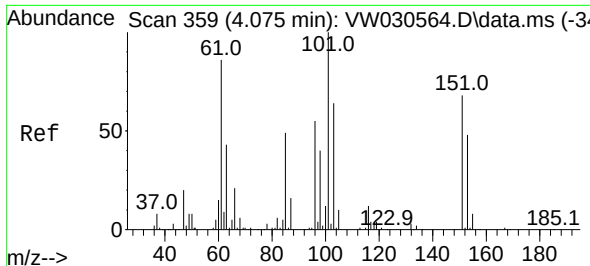
Tgt Ion: 64 Resp: 85677
Ion Ratio Lower Upper
64 100
66 30.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 23.863 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Tgt Ion:101 Resp: 112344
Ion Ratio Lower Upper
101 100
103 62.5 51.1 76.7

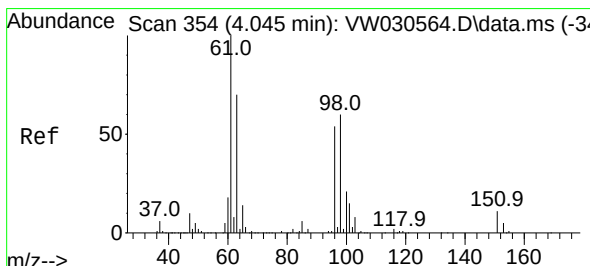
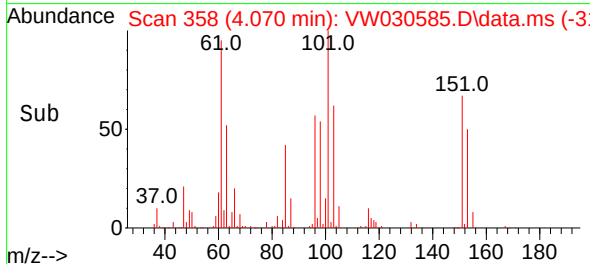
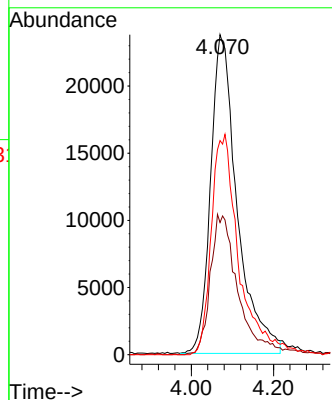
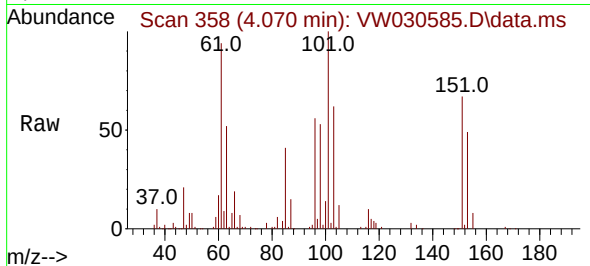




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.102 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

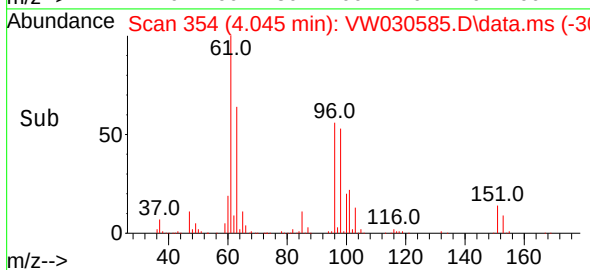
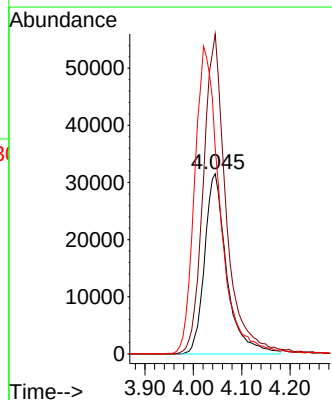
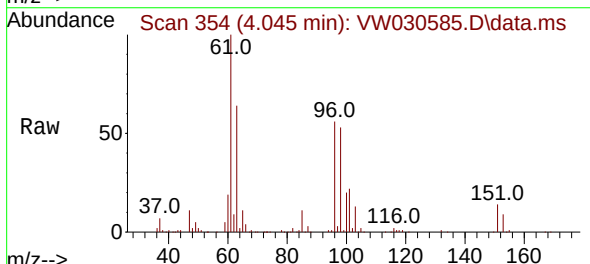
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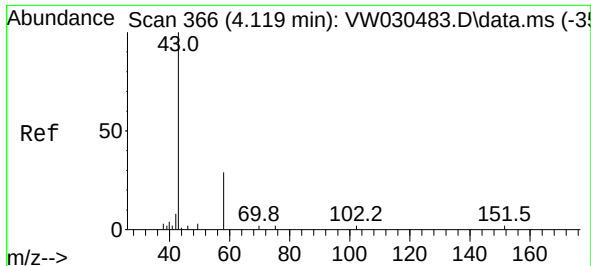
Tgt Ion:101 Resp: 106323
 Ion Ratio Lower Upper
 101 100
 85 17.0 35.7 53.5#
 151 69.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 25.943 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. 0.000 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

Tgt Ion: 96 Resp: 100286
 Ion Ratio Lower Upper
 96 100
 61 177.6 121.3 225.3
 63 113.9 87.6 162.8

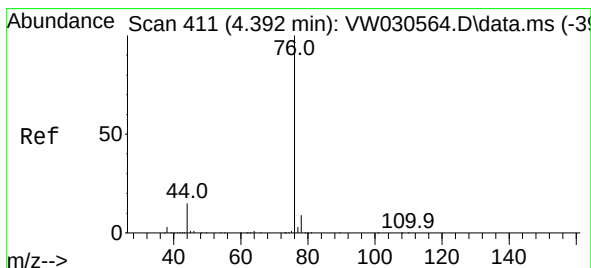
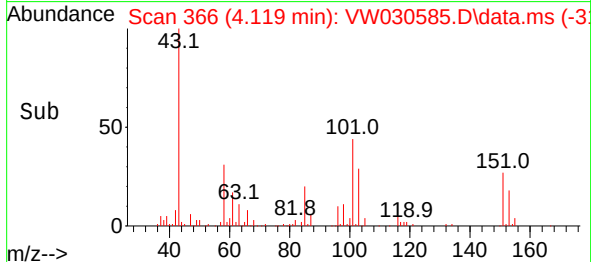
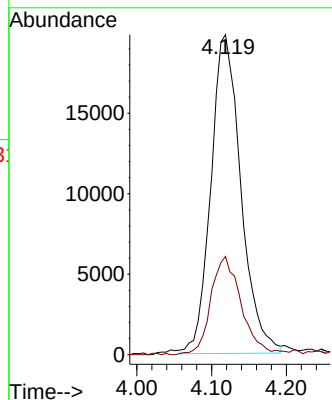
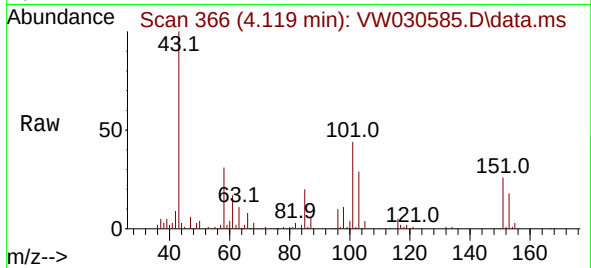




#13
Acetone
Concen: 46.481 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

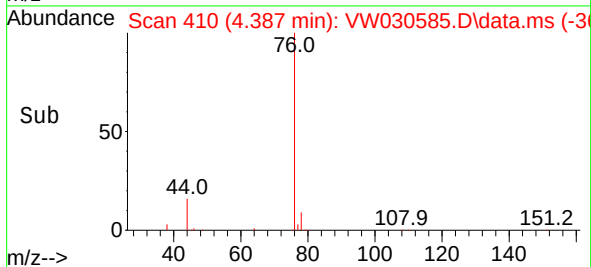
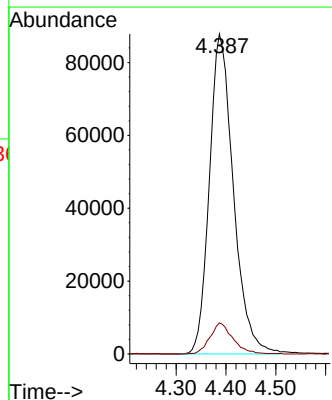
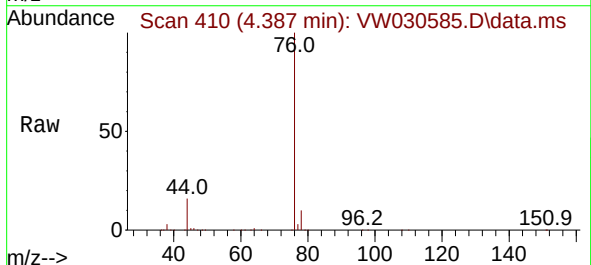
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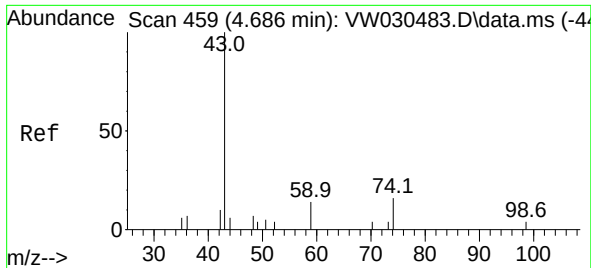
Tgt Ion: 43 Resp: 55461
Ion Ratio Lower Upper
43 100
58 30.7 0.0 57.6



#14
Carbon disulfide
Concen: 23.258 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
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Tgt Ion: 76 Resp: 293591
Ion Ratio Lower Upper
76 100
78 9.7 7.1 10.7

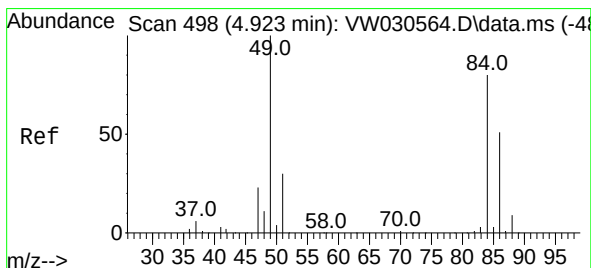
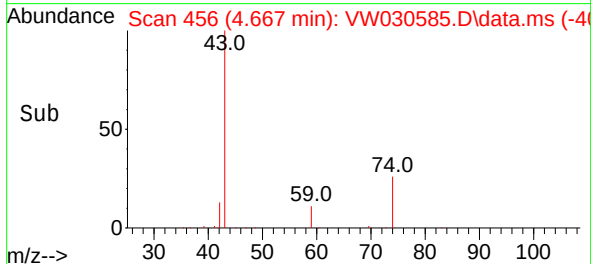
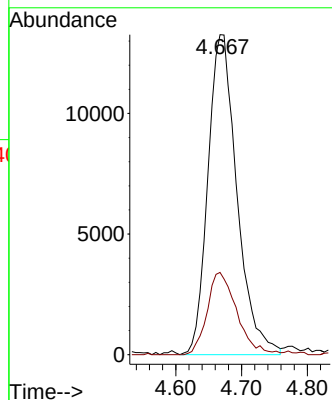
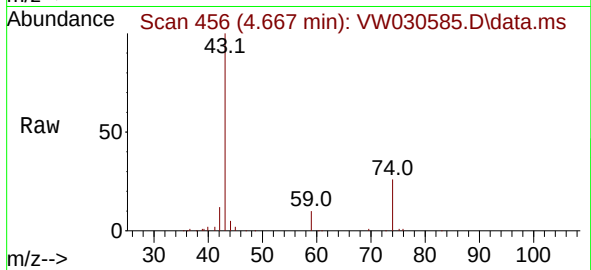




#15
Methyl Acetate
Concen: 27.655 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

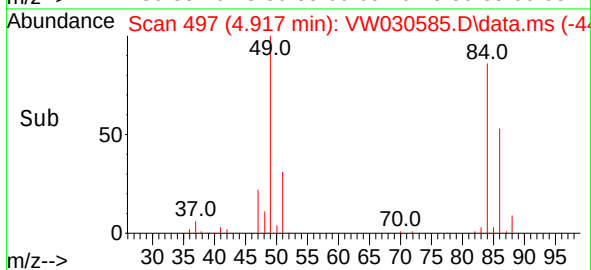
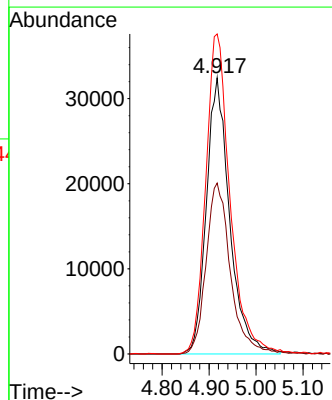
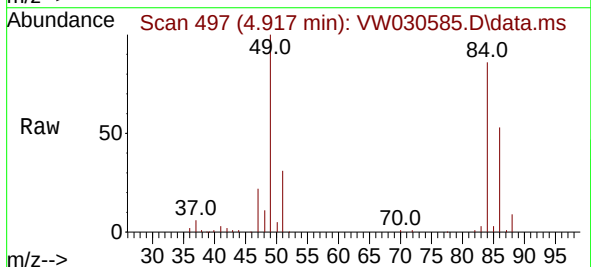
Instrument :
MSVOA_W
ClientSampleId :

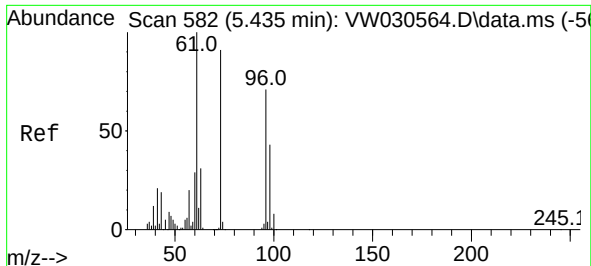
Tgt Ion: 43 Resp: 40762
Ion Ratio Lower Upper
43 100
74 26.0 19.3 28.9



#16
Methylene chloride
Concen: 25.641 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

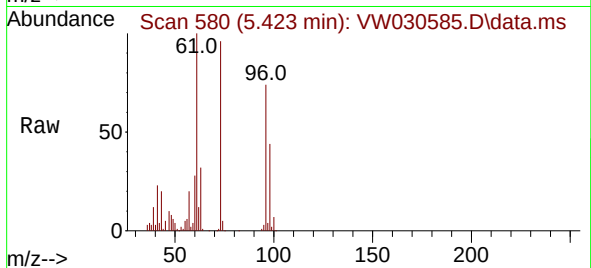
Tgt Ion: 84 Resp: 111686
Ion Ratio Lower Upper
84 100
86 61.8 43.8 81.3
49 115.8 88.3 164.1



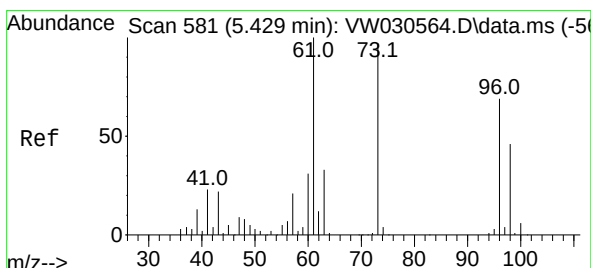
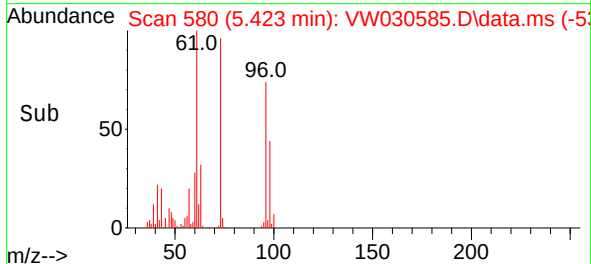
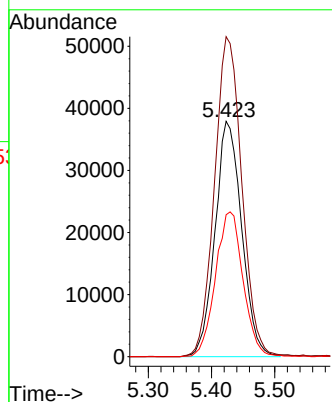


#17
trans-1,2-Dichloroethene
Concen: 26.559 ug/L
RT: 5.423 min Scan# 582
Delta R.T. -0.012 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Instrument :
MSVOA_W
ClientSampleId :

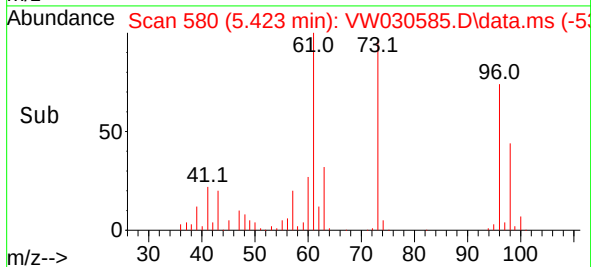
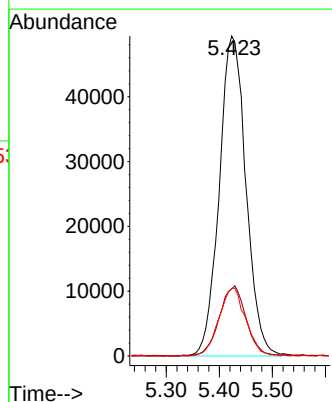
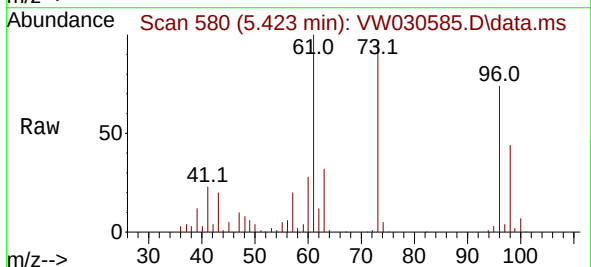


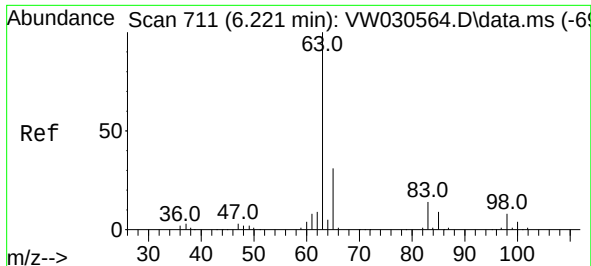
Tgt Ion: 96 Resp: 110781
Ion Ratio Lower Upper
96 100
61 136.0 96.9 179.9
98 60.3 42.2 78.4



#18
Methyl tert-butyl Ether
Concen: 29.560 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Tgt Ion: 73 Resp: 172566
Ion Ratio Lower Upper
73 100
43 21.8 18.1 27.1
57 21.2 17.7 26.5





#19

1,1-Dichloroethane

Concen: 26.950 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

ClientSampleId :

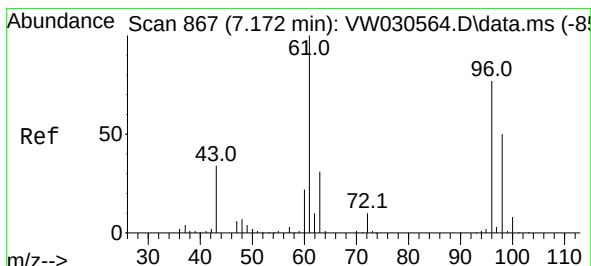
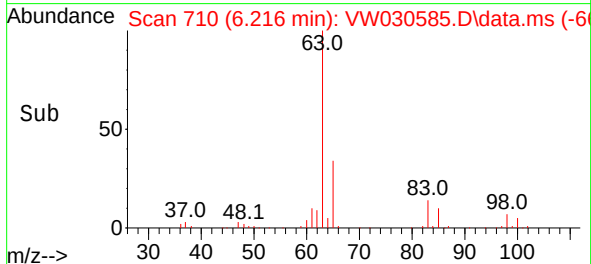
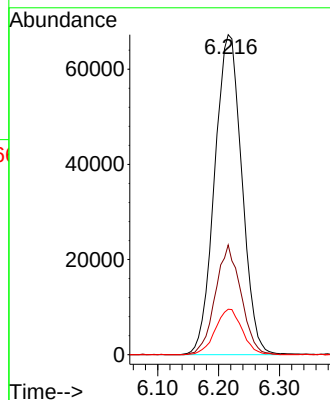
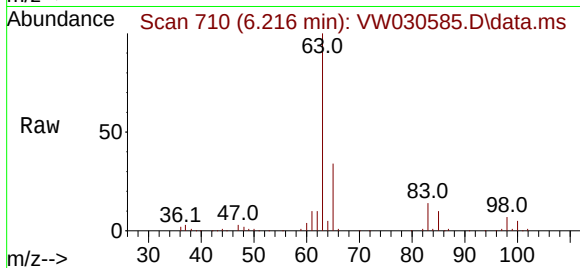
Tgt Ion: 63 Resp: 208929

Ion Ratio Lower Upper

63 100

65 34.3 22.5 41.9

83 14.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 28.088 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

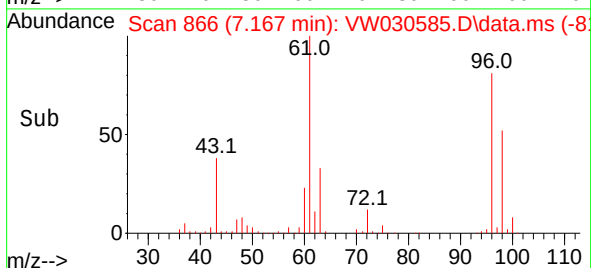
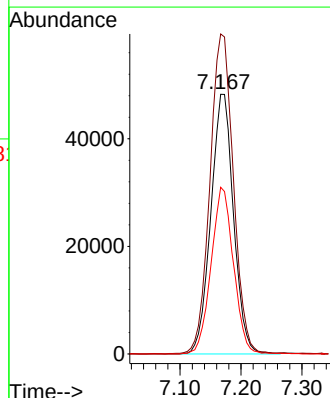
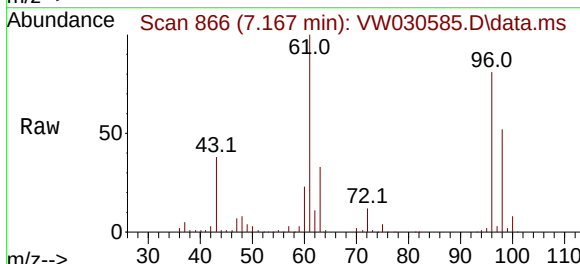
Tgt Ion: 96 Resp: 124967

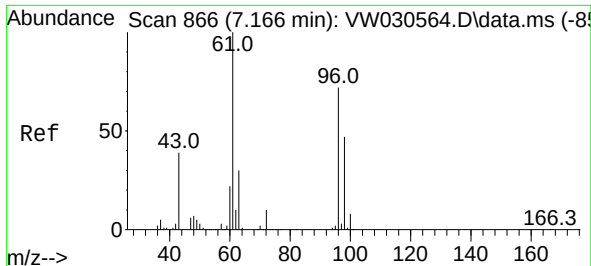
Ion Ratio Lower Upper

96 100

61 123.2 88.3 163.9

98 64.2 41.3 76.7





#22

2-Butanone

Concen: 49.669 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

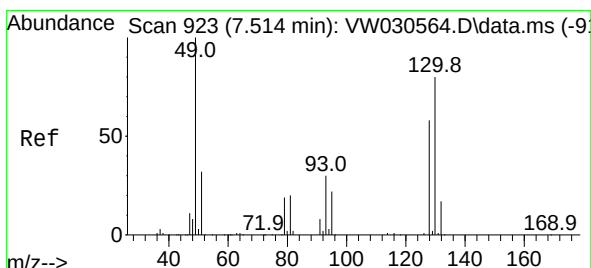
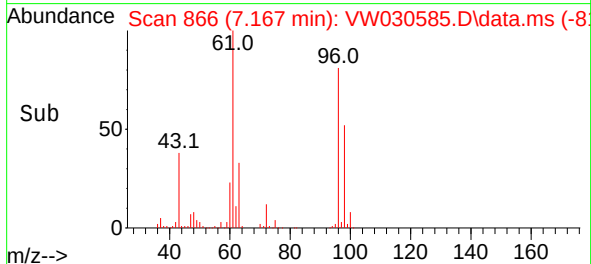
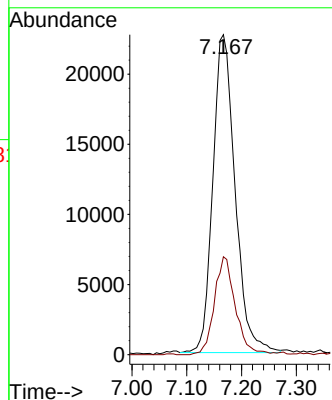
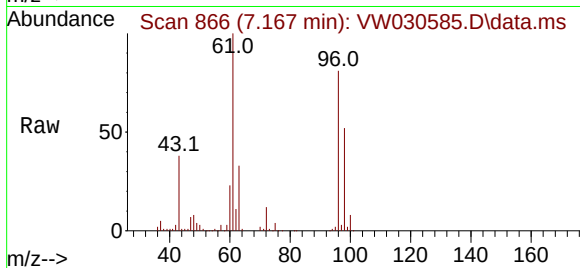
ClientSampleId :

Tgt Ion: 43 Resp: 63884

Ion Ratio Lower Upper

43 100

72 28.6 14.4 43.0



#23

Bromochloromethane

Concen: 28.310 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Tgt Ion: 128 Resp: 55101

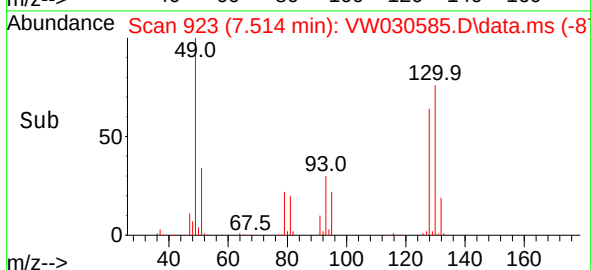
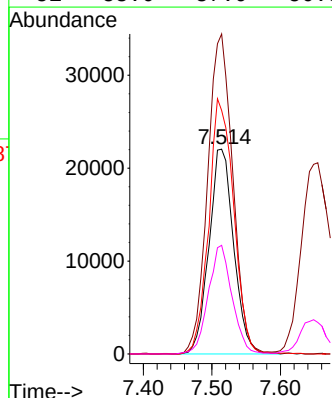
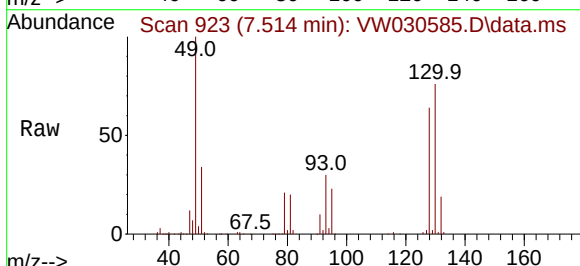
Ion Ratio Lower Upper

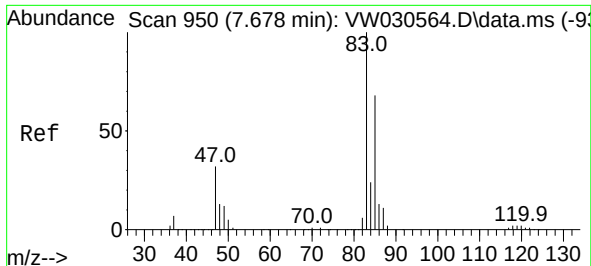
128 100

49 156.2 110.1 204.5

130 118.9 82.9 153.9

51 53.0 37.9 56.9





#25

Chloroform

Concen: 27.098 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

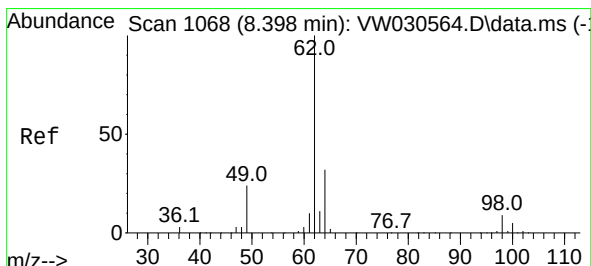
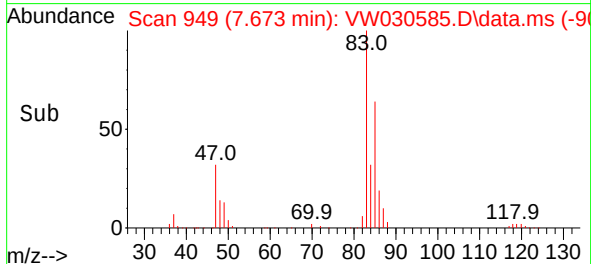
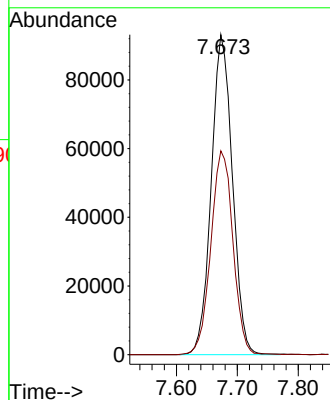
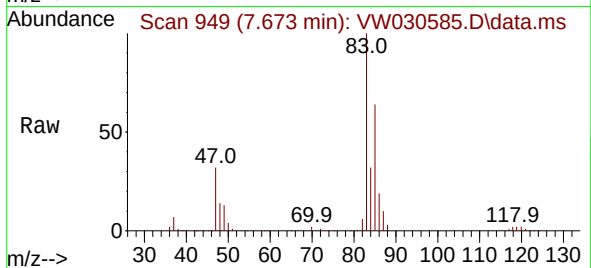
ClientSampleId :

Tgt Ion: 83 Resp: 224496

Ion Ratio Lower Upper

83 100

85 63.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 26.785 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030585.D

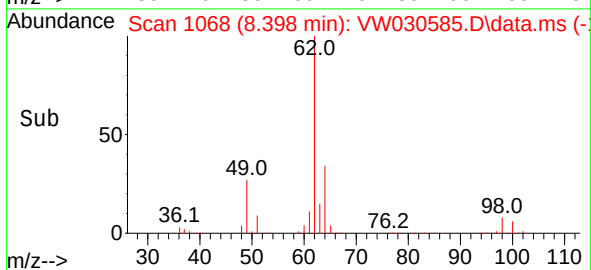
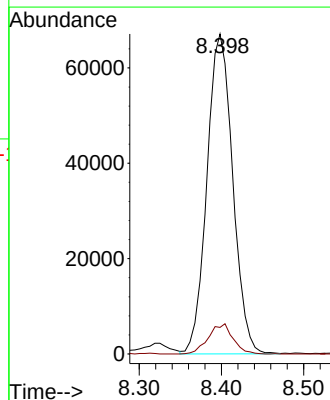
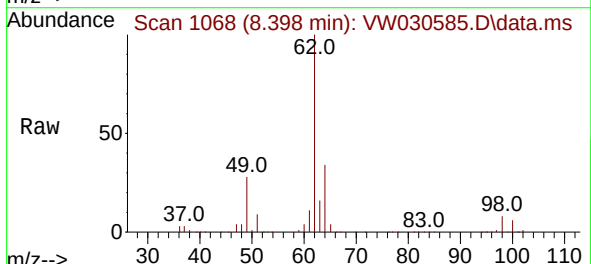
Acq: 14 Oct 2024 11:19

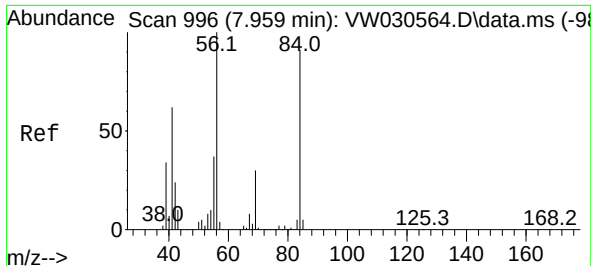
Tgt Ion: 62 Resp: 146395

Ion Ratio Lower Upper

62 100

98 8.3 7.0 10.6





#29

Cyclohexane

Concen: 24.920 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

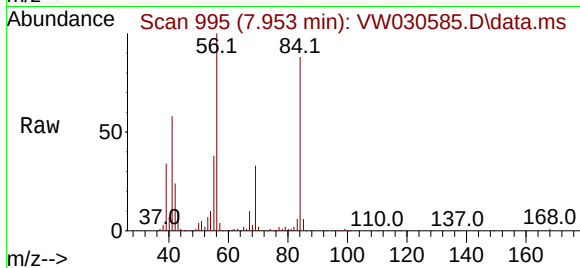
Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

ClientSampleId :



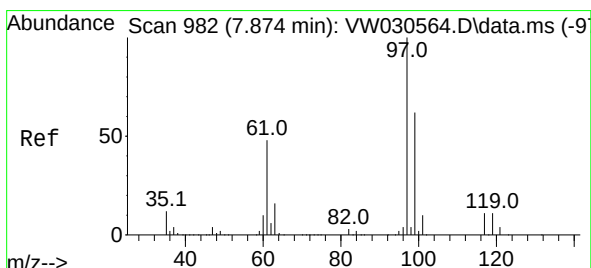
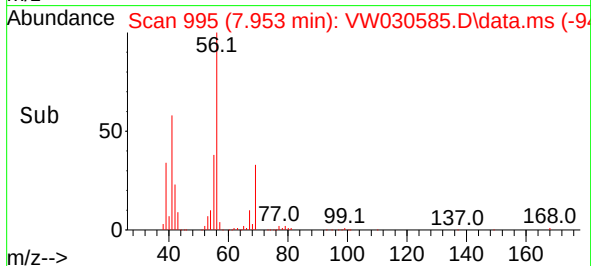
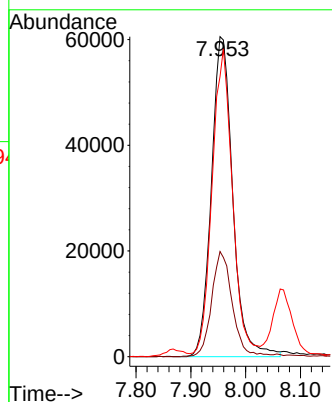
Tgt Ion: 56 Resp: 164158

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 91.5 72.3 108.5



#30

1,1,1-Trichloroethane

Concen: 24.975 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

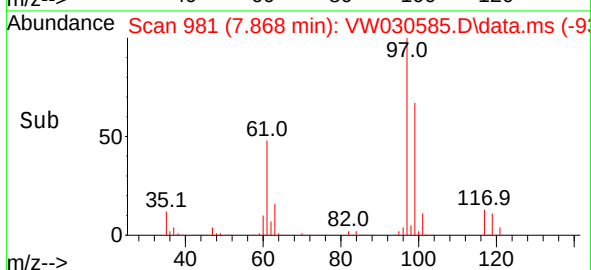
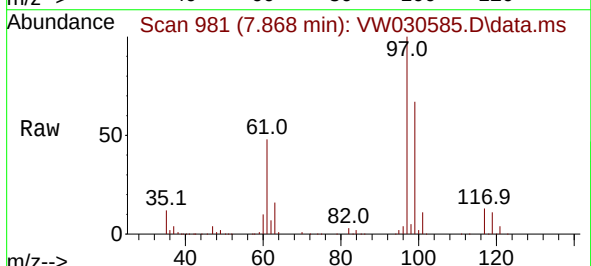
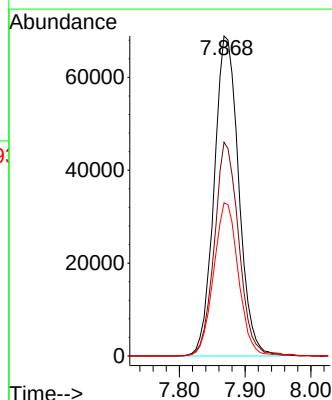
Tgt Ion: 97 Resp: 179416

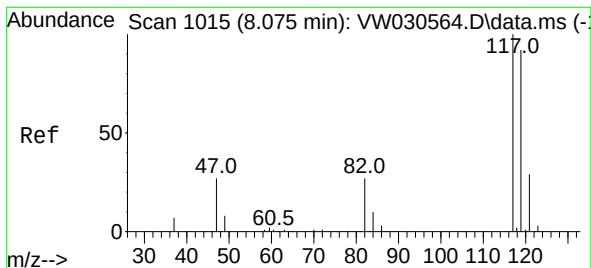
Ion Ratio Lower Upper

97 100

99 65.7 52.3 78.5

61 48.2 38.5 57.7





#31

Carbon tetrachloride

Concen: 25.549 ug/L

RT: 8.063 min Scan# 1015

Delta R.T. -0.012 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

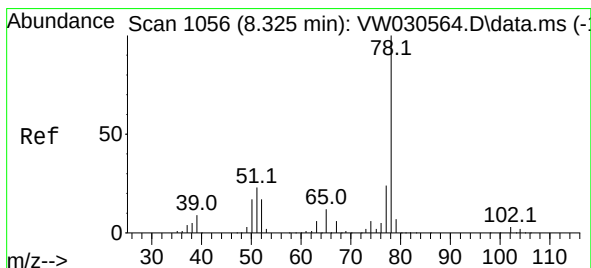
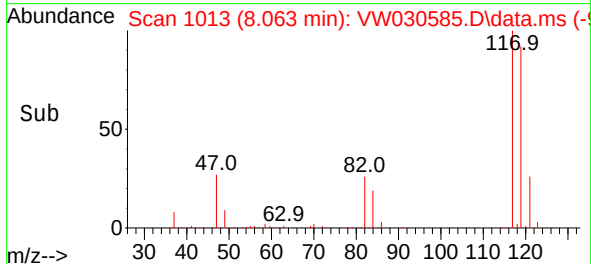
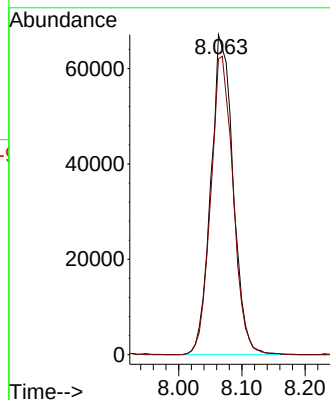
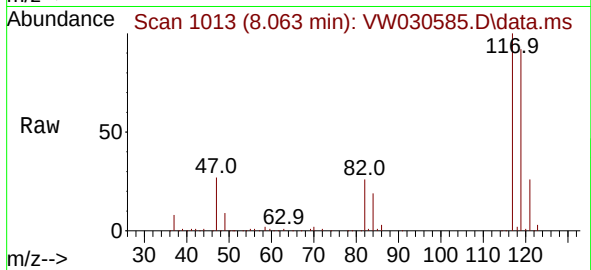
ClientSampleId :

Tgt Ion:117 Resp: 163927

Ion Ratio Lower Upper

117 100

119 93.9 77.8 116.8



#33

Benzene

Concen: 26.629 ug/L

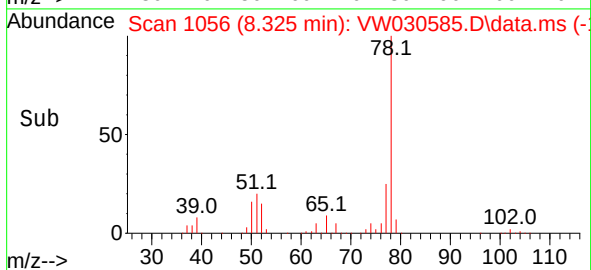
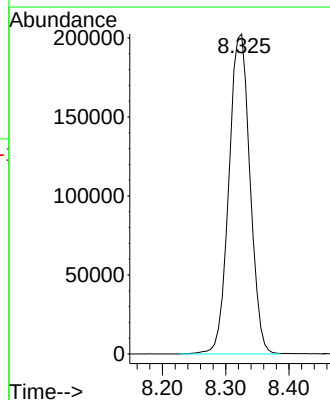
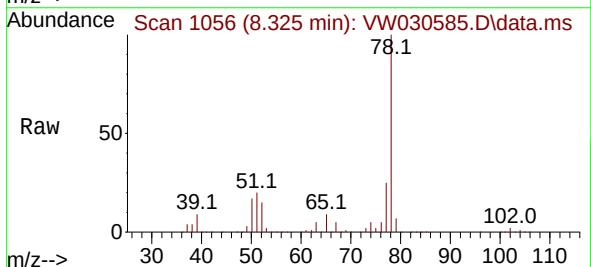
RT: 8.325 min Scan# 1056

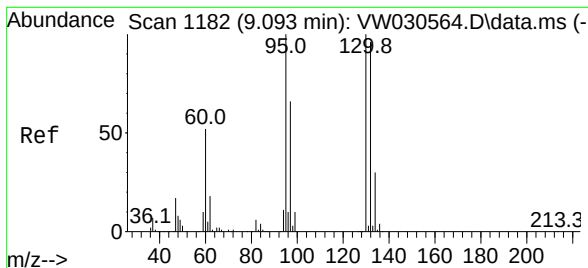
Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Tgt Ion: 78 Resp: 468936





#34

Trichloroethene

Concen: 25.220 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

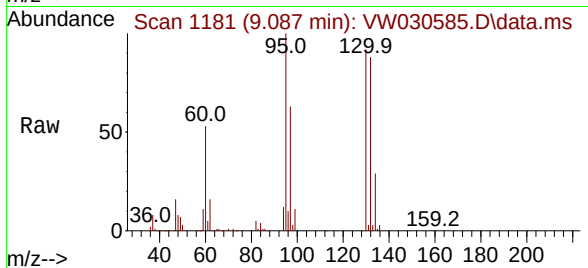
Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 123559

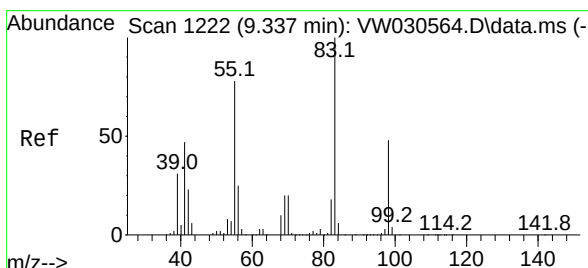
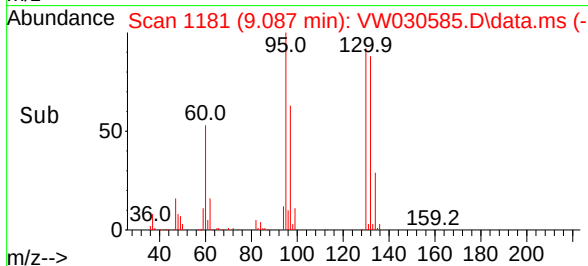
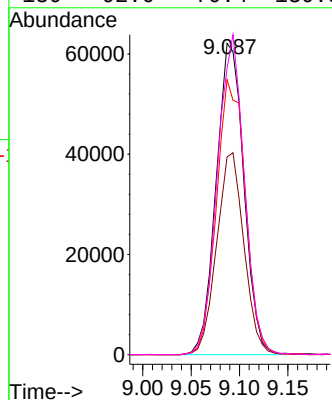
Ion Ratio Lower Upper

95 100

97 63.5 45.9 85.3

132 88.3 66.4 123.2

130 92.0 70.4 130.8



#35

Methylcyclohexane

Concen: 25.422 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

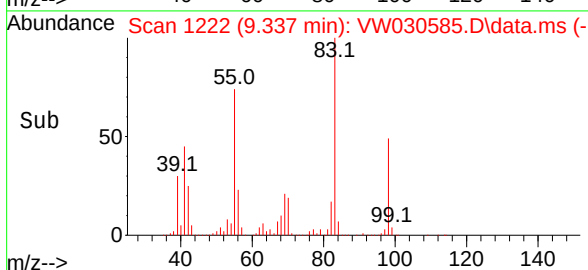
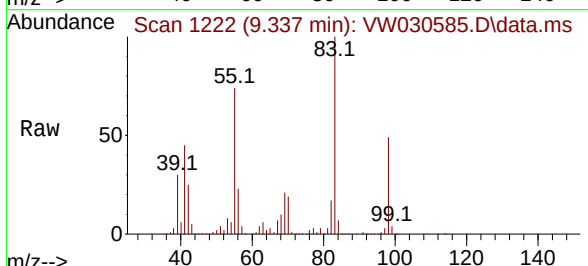
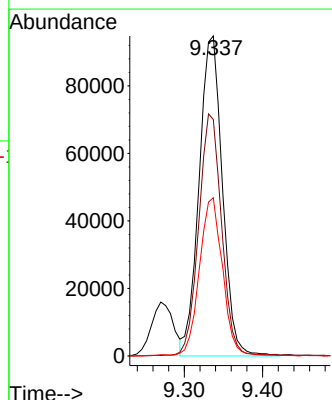
Tgt Ion: 83 Resp: 196015

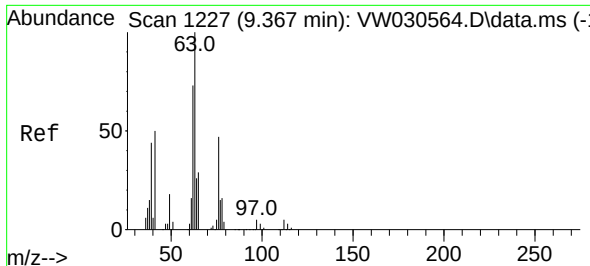
Ion Ratio Lower Upper

83 100

55 74.0 61.8 92.8

98 48.5 39.3 58.9





#37

1,2-Dichloropropane

Concen: 27.143 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

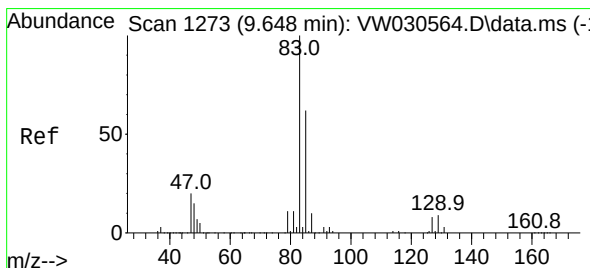
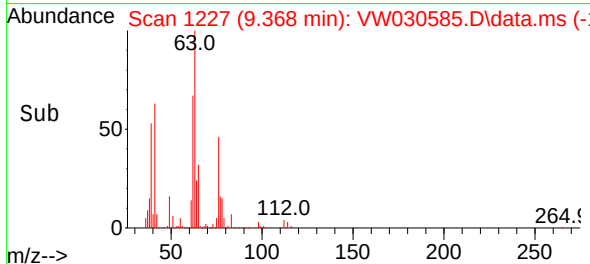
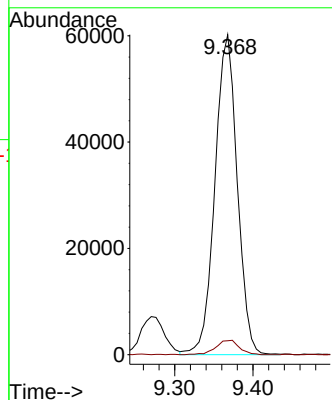
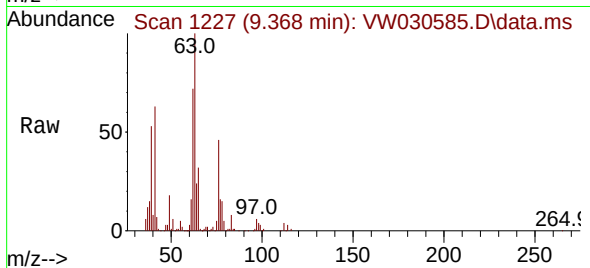
ClientSampleId :

Tgt Ion: 63 Resp: 119381

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 27.266 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

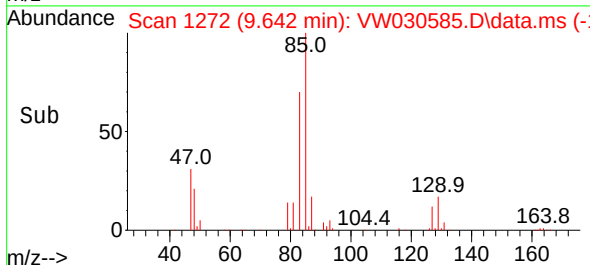
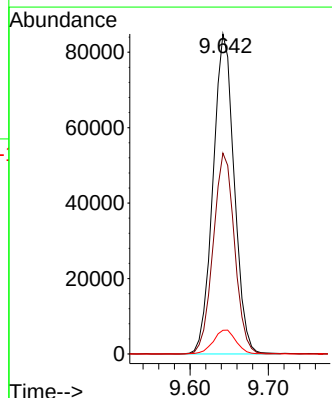
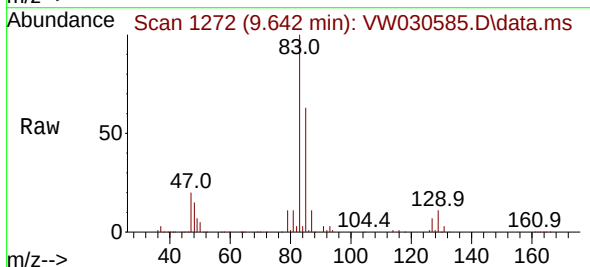
Tgt Ion: 83 Resp: 159551

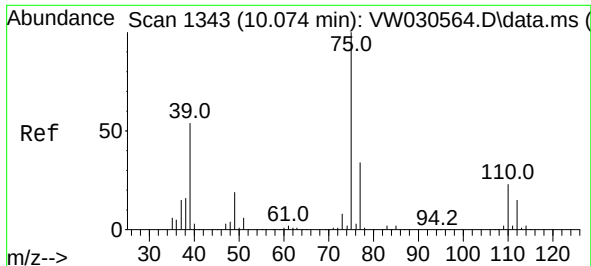
Ion Ratio Lower Upper

83 100

85 62.7 44.2 82.0

127 7.4 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 27.647 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

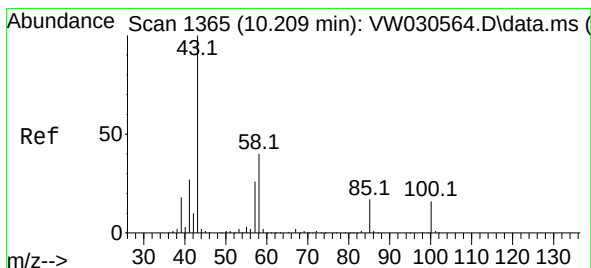
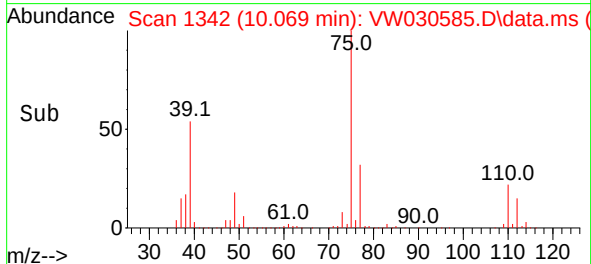
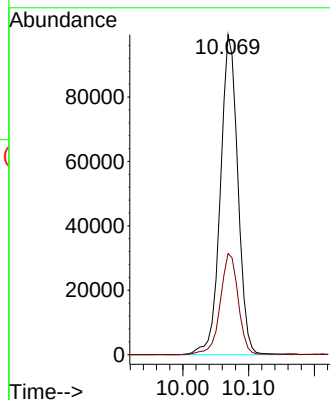
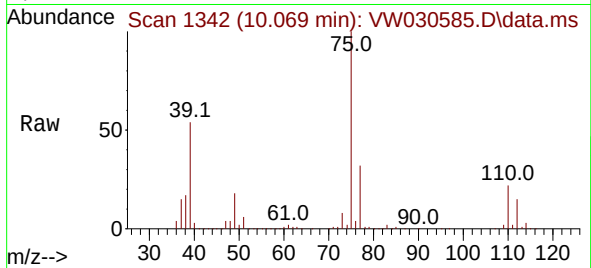
ClientSampleId :

Tgt Ion: 75 Resp: 183412

Ion Ratio Lower Upper

75 100

77 31.6 21.1 39.1



#40

4-Methyl-2-pentanone

Concen: 57.393 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

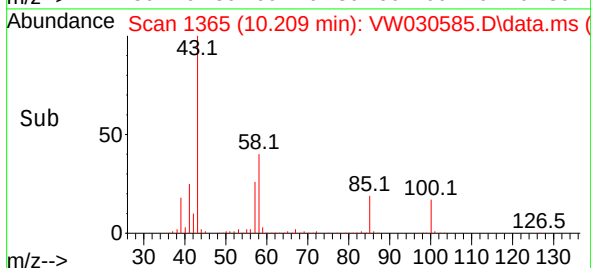
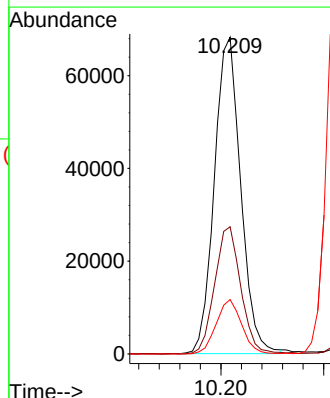
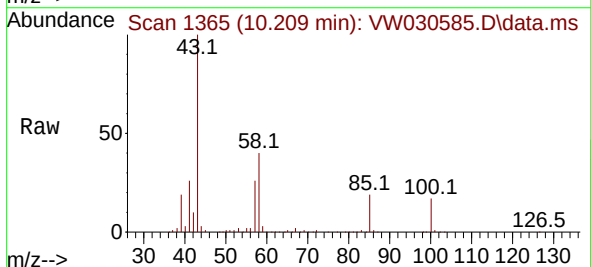
Tgt Ion: 43 Resp: 121268

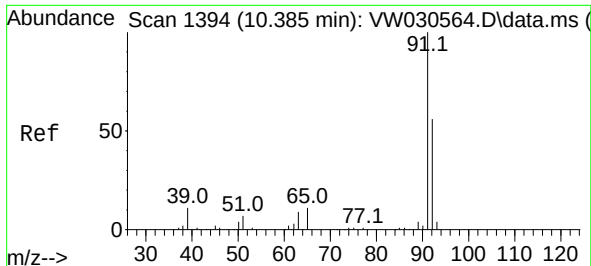
Ion Ratio Lower Upper

43 100

58 40.1 31.4 47.2

100 16.7 13.1 19.7

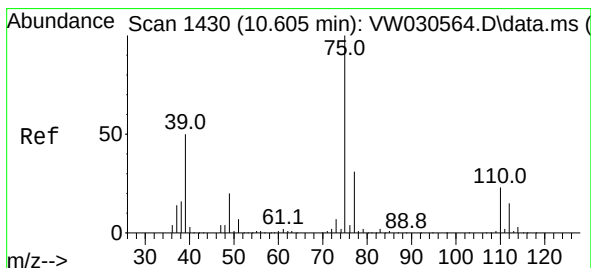
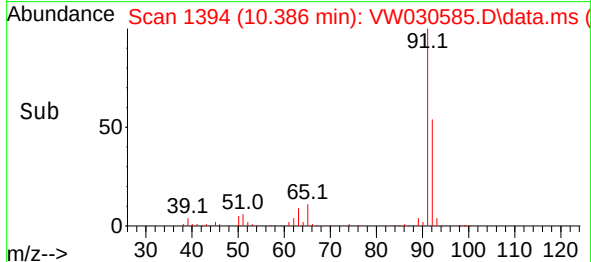
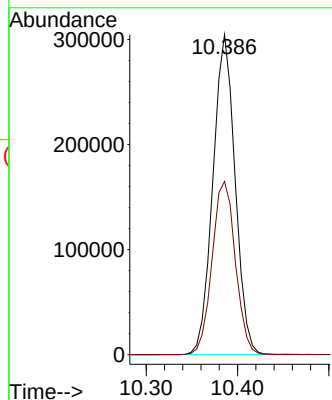
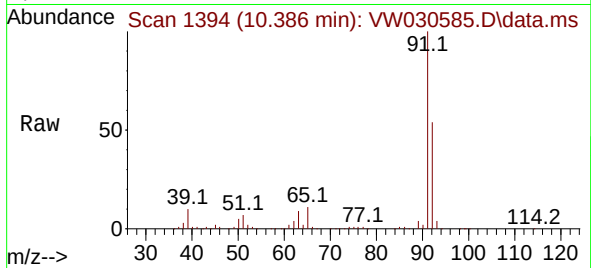




#42
Toluene
Concen: 27.322 ug/L
RT: 10.386 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

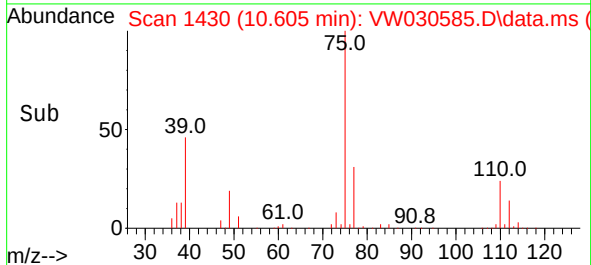
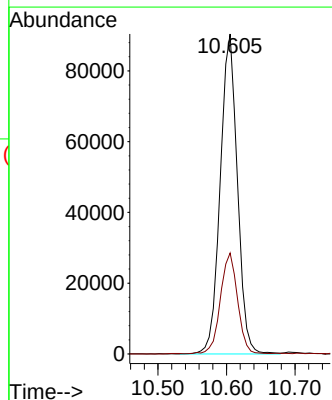
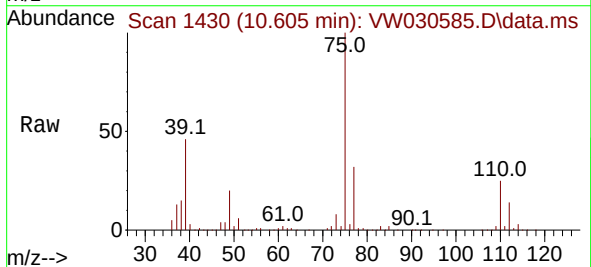
Instrument :
MSVOA_W
ClientSampleId :

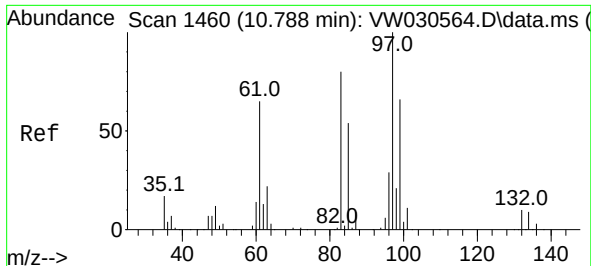
Tgt Ion: 91 Resp: 513314
Ion Ratio Lower Upper
91 100
92 54.1 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 28.082 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Tgt Ion: 75 Resp: 156553
Ion Ratio Lower Upper
75 100
77 31.6 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 28.129 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 89415

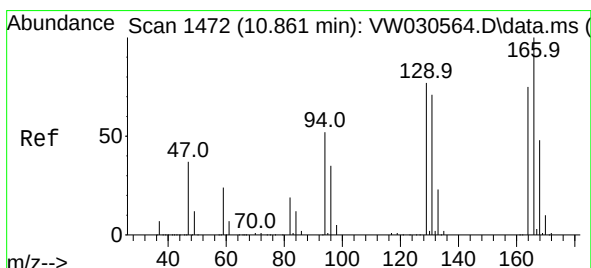
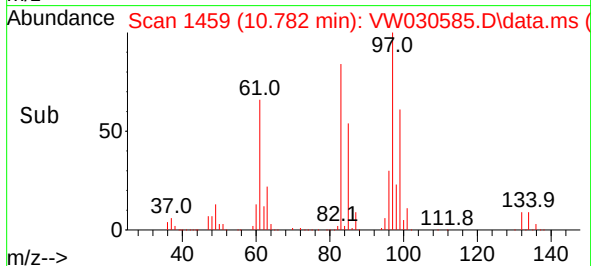
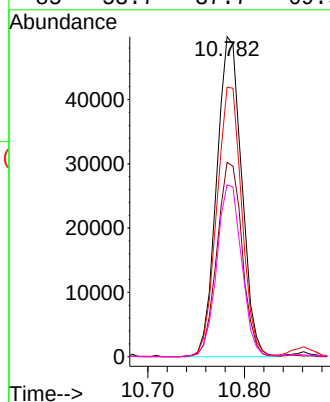
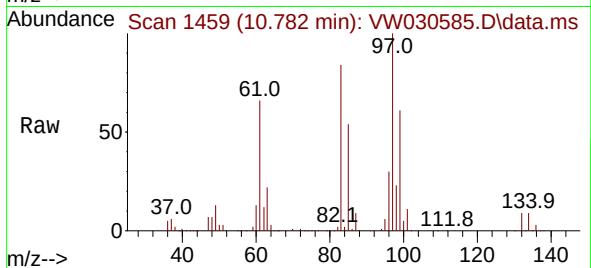
Ion Ratio Lower Upper

97 100

99 60.7 41.2 76.6

83 84.2 59.6 110.6

85 53.7 37.7 69.9



#46

Tetrachloroethene

Concen: 25.737 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Tgt Ion:164 Resp: 93000

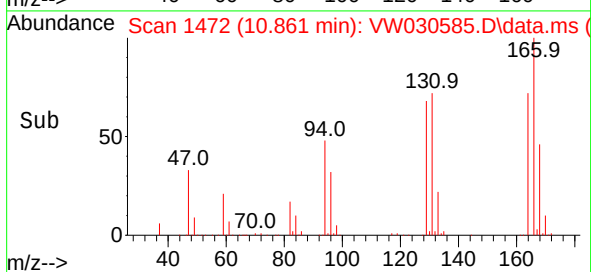
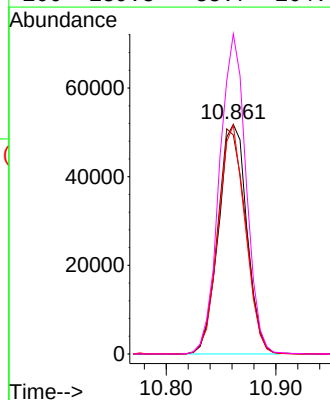
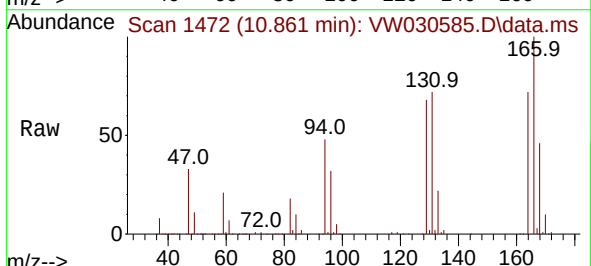
Ion Ratio Lower Upper

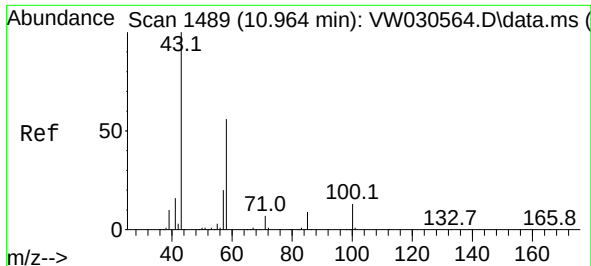
164 100

129 95.3 66.6 123.6

131 99.6 63.7 118.3

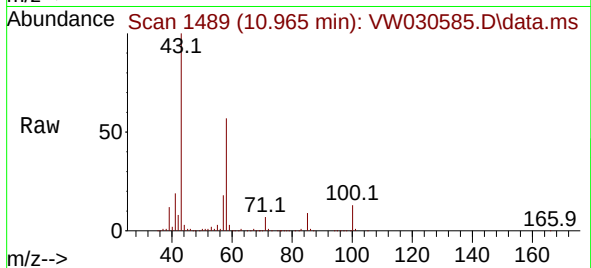
166 139.3 88.7 164.7



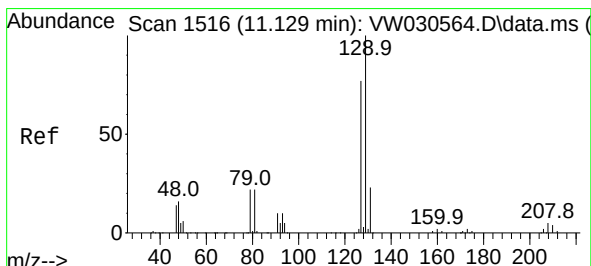
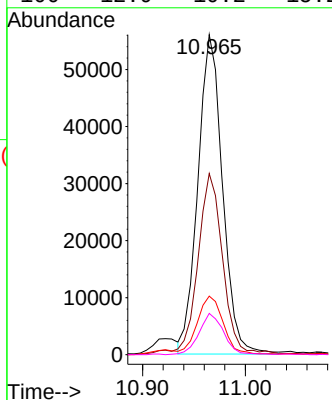
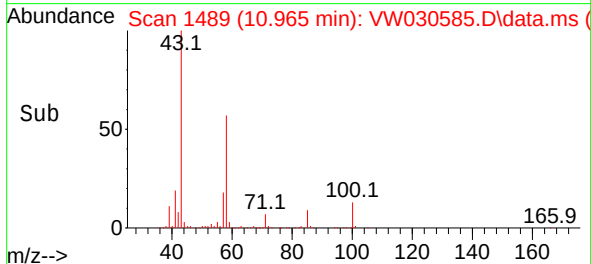


#48
2-Hexanone
Concen: 54.074 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Instrument :
MSVOA_W
ClientSampleId :

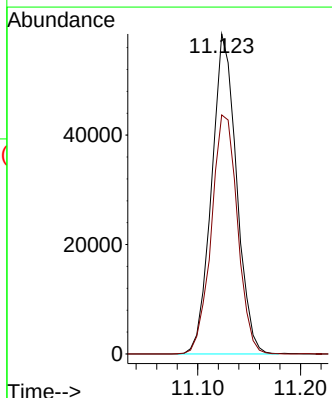
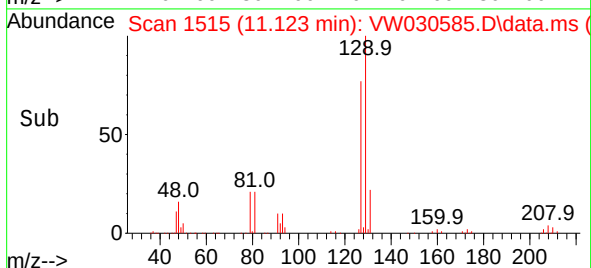
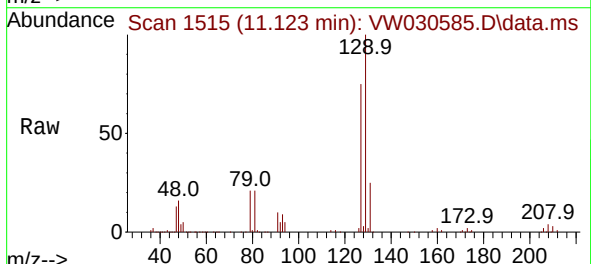


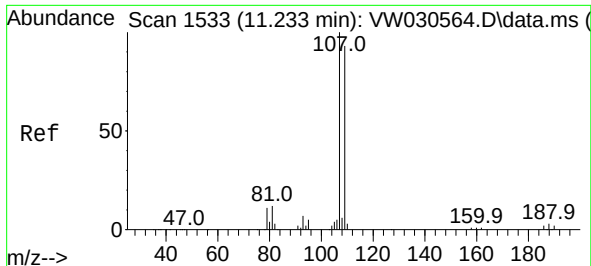
Tgt Ion:	43	Resp:	93436
Ion	Ratio	Lower	Upper
43	100		
58	54.2	44.6	67.0
57	19.4	15.8	23.8
100	12.9	10.2	15.2



#49
Dibromochloromethane
Concen: 27.734 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Tgt Ion:	129	Resp:	98369
Ion	Ratio	Lower	Upper
129	100		
127	74.7	56.5	104.9





#50

1,2-Dibromoethane

Concen: 27.810 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

ClientSampleId :

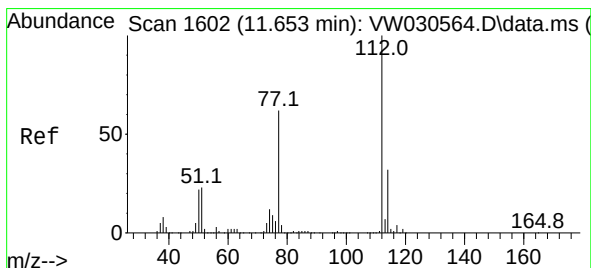
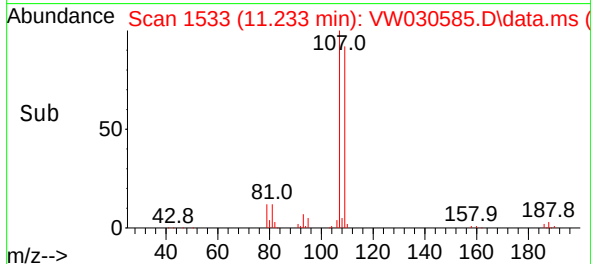
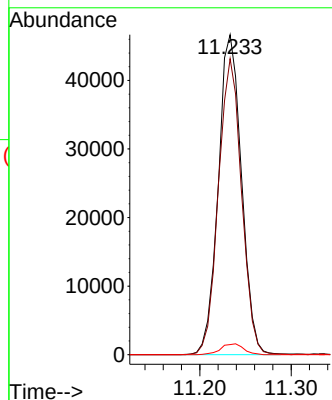
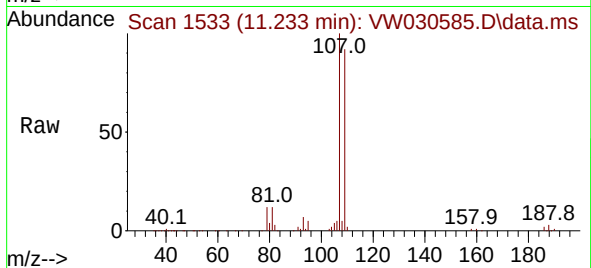
Tgt Ion:107 Resp: 82487

Ion Ratio Lower Upper

107 100

109 92.5 63.8 118.6

188 3.3 2.6 3.8



#51

Chlorobenzene

Concen: 26.567 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

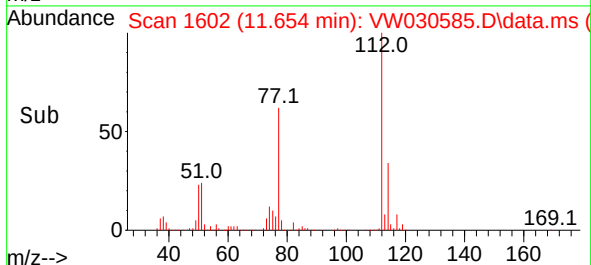
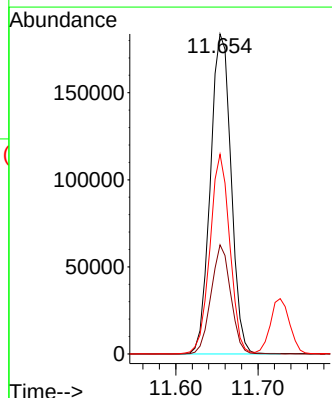
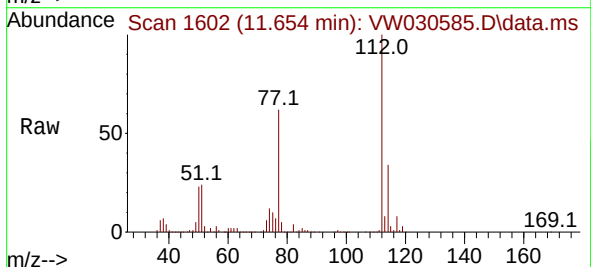
Tgt Ion:112 Resp: 321309

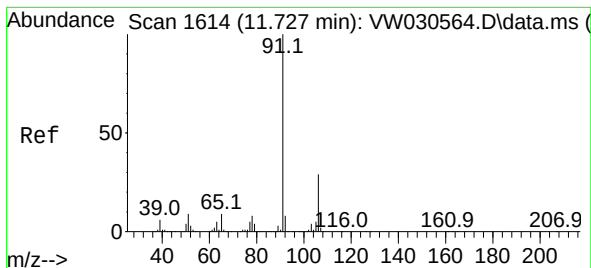
Ion Ratio Lower Upper

112 100

114 34.1 22.4 41.6

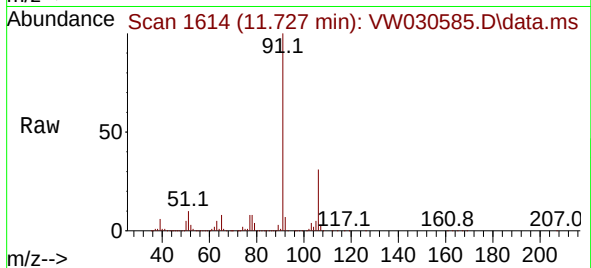
77 62.4 47.1 70.7



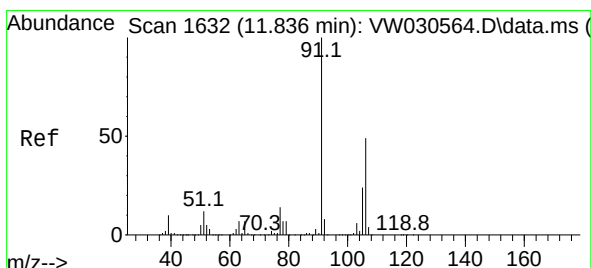
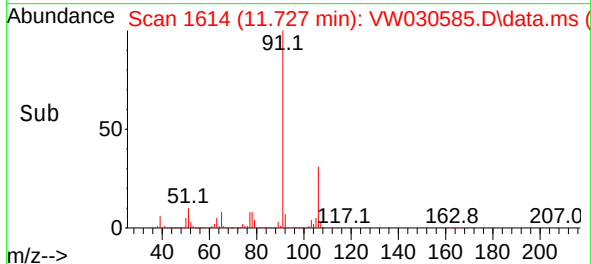
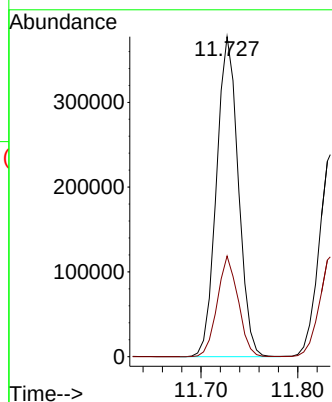


#52
Ethylbenzene
Concen: 27.507 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Instrument :
MSVOA_W
ClientSampleId :

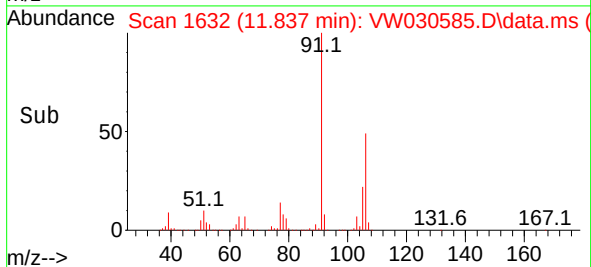
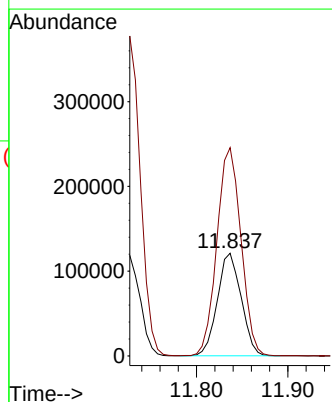
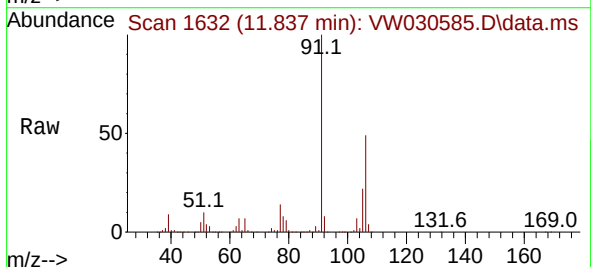


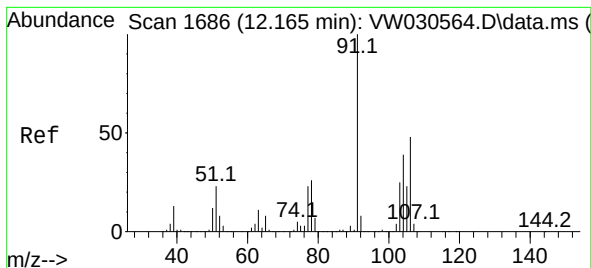
Tgt Ion: 91 Resp: 589687
Ion Ratio Lower Upper
91 100
106 31.5 21.1 39.1



#53
m,p-Xylene
Concen: 27.271 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Tgt Ion: 106 Resp: 219026
Ion Ratio Lower Upper
106 100
91 202.7 140.6 261.2





#54

o-Xylene

Concen: 28.170 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

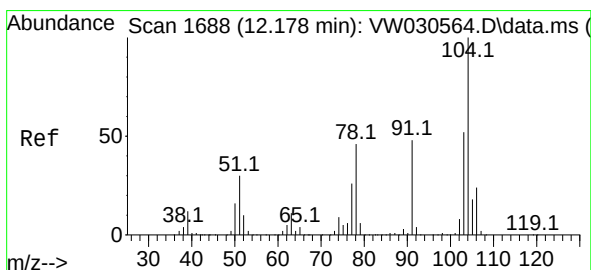
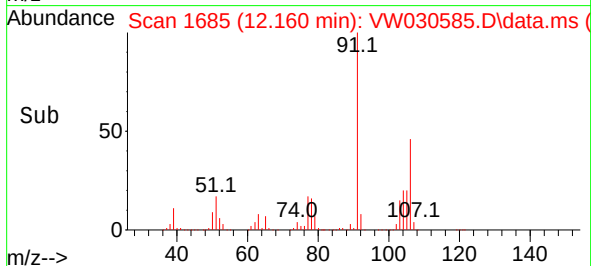
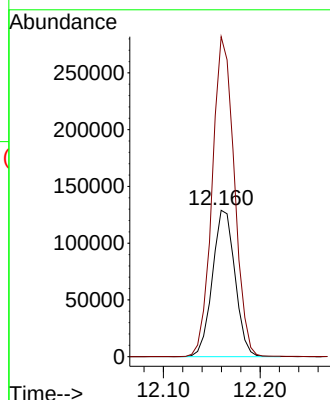
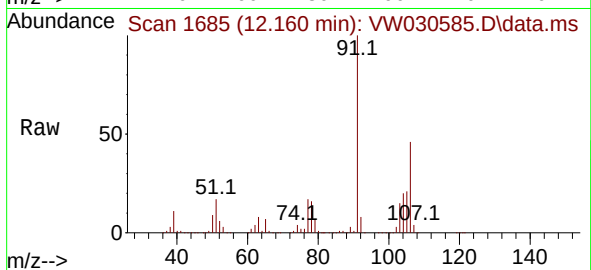
ClientSampleId :

Tgt Ion:106 Resp: 209166

Ion Ratio Lower Upper

106 100

91 218.4 144.5 268.4



#55

Styrene

Concen: 28.419 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030585.D

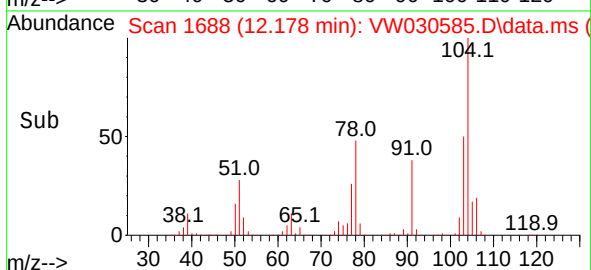
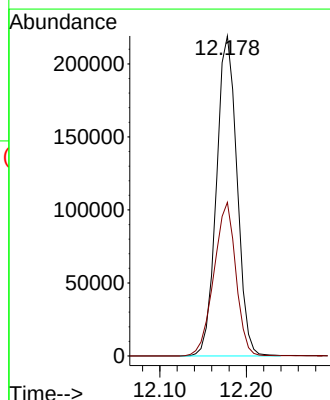
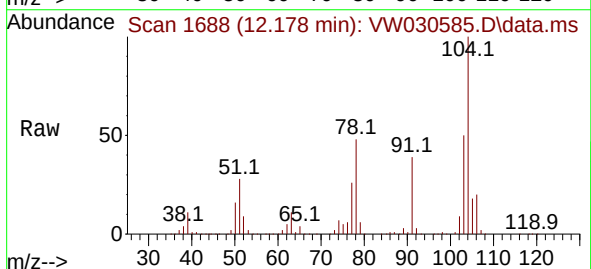
Acq: 14 Oct 2024 11:19

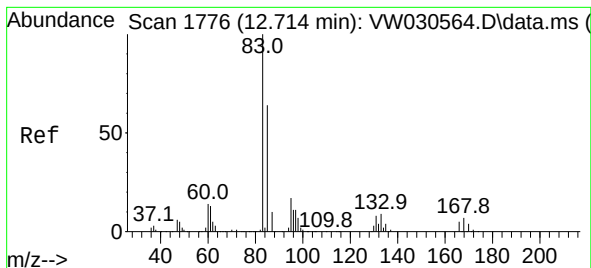
Tgt Ion:104 Resp: 360736

Ion Ratio Lower Upper

104 100

78 48.0 34.3 63.7

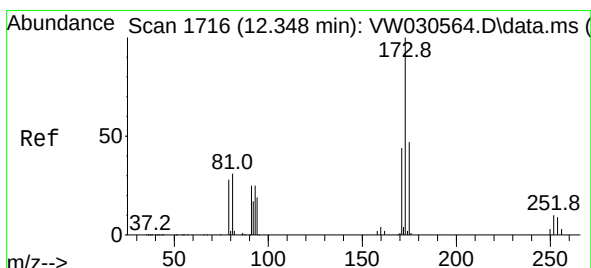
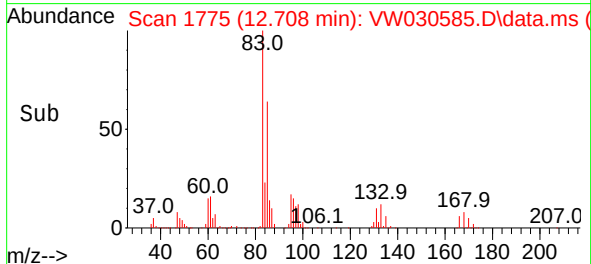
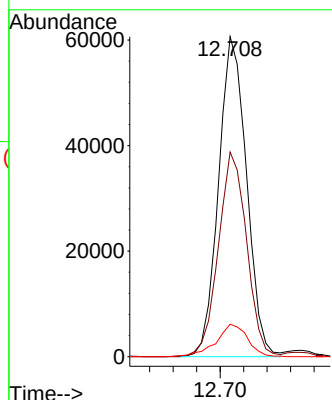
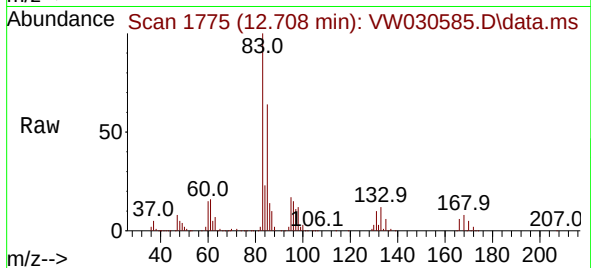




#57
1,1,2,2-Tetrachloroethane
Concen: 27.987 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

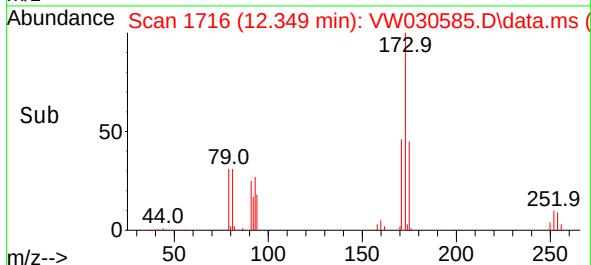
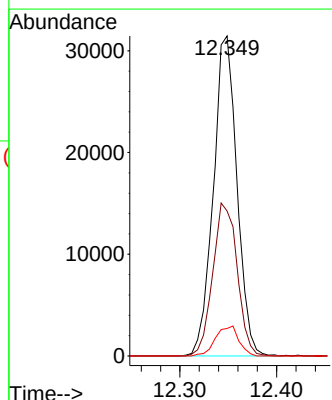
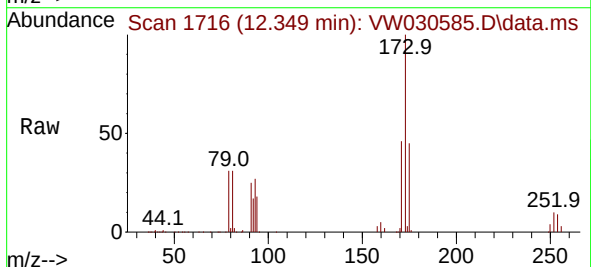
Instrument :
MSVOA_W
ClientSampleId :

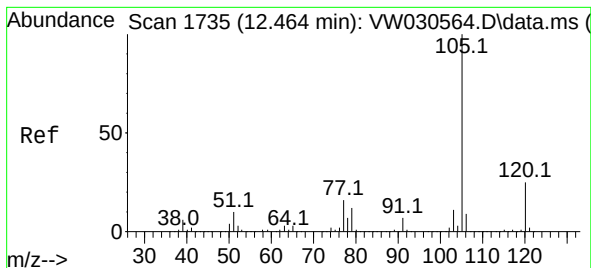
Tgt Ion: 83 Resp: 100323
Ion Ratio Lower Upper
83 100
85 64.0 42.6 79.2
131 10.2 7.4 11.0



#59
Bromoform
Concen: 27.759 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Tgt Ion:173 Resp: 53380
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.4
254 9.2 7.7 11.5





#60

Isopropylbenzene

Concen: 27.398 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

ClientSampleId :

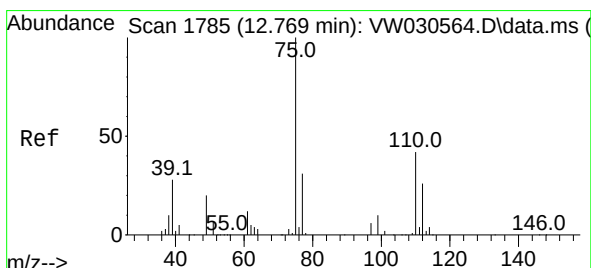
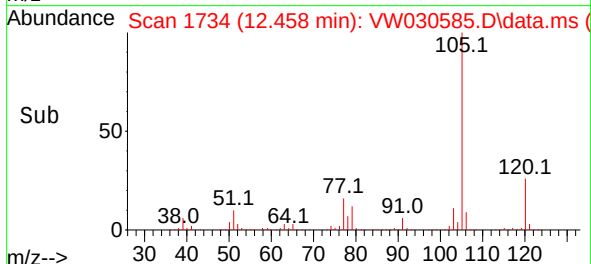
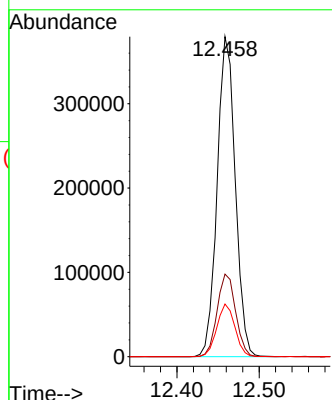
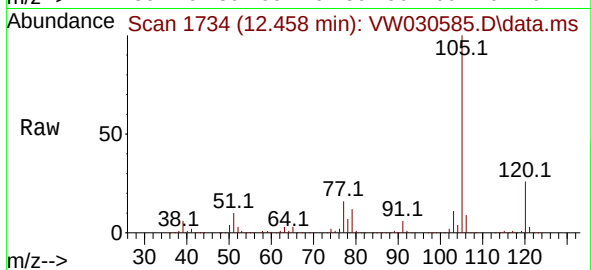
Tgt Ion:105 Resp: 580732

Ion Ratio Lower Upper

105 100

120 26.3 20.6 31.0

77 16.5 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 27.229 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

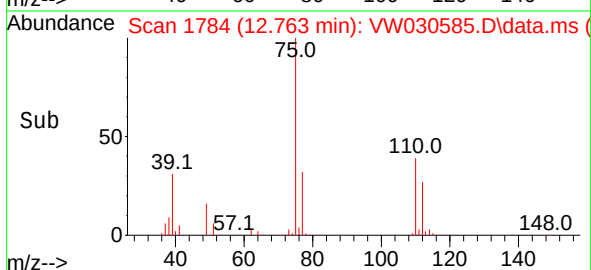
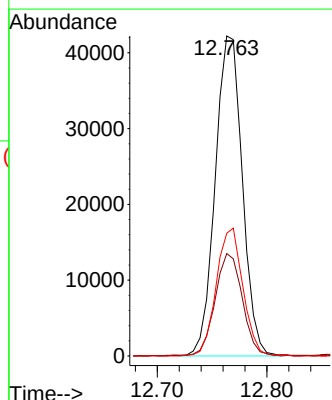
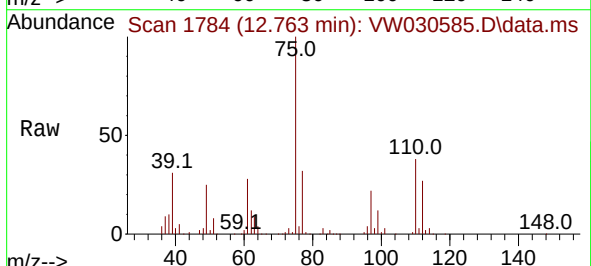
Tgt Ion: 75 Resp: 72520

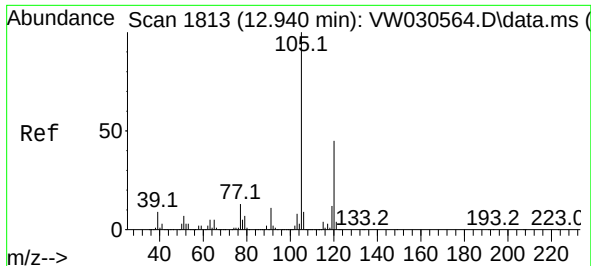
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

110 39.2 32.3 48.5





#62

1,3,5-Trimethylbenzene

Concen: 28.523 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW030585.D

Acq: 14 Oct 2024 11:19

Instrument :

MSVOA_W

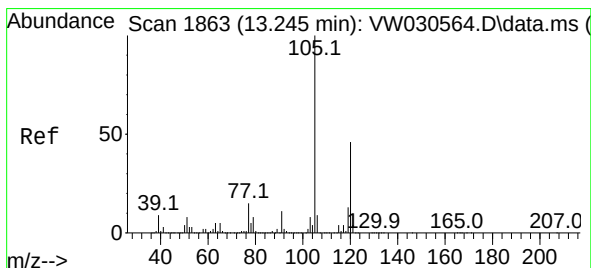
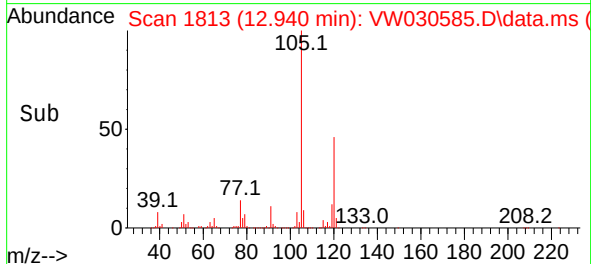
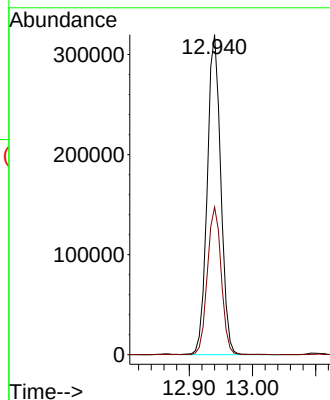
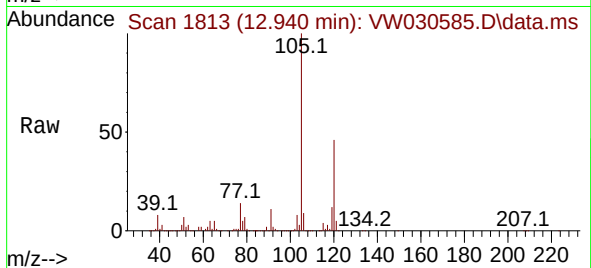
ClientSampleId :

Tgt Ion:105 Resp: 476972

Ion Ratio Lower Upper

105 100

120 47.1 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 28.219 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW030585.D

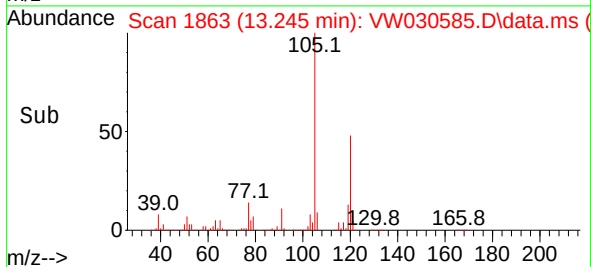
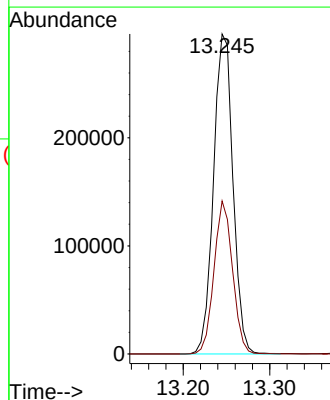
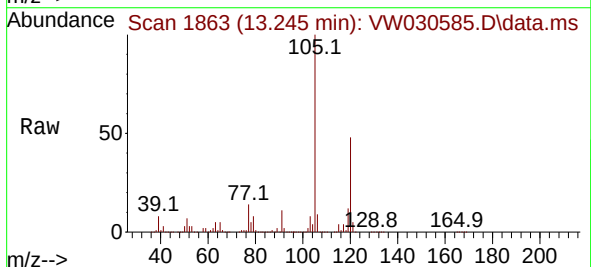
Acq: 14 Oct 2024 11:19

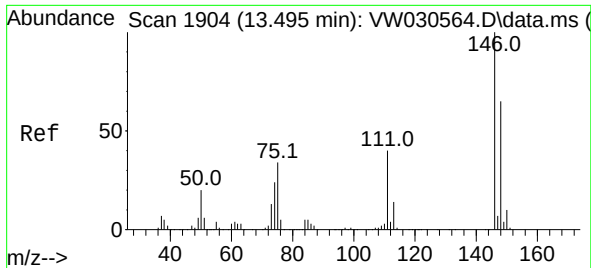
Tgt Ion:105 Resp: 462022

Ion Ratio Lower Upper

105 100

120 45.6 35.8 53.6

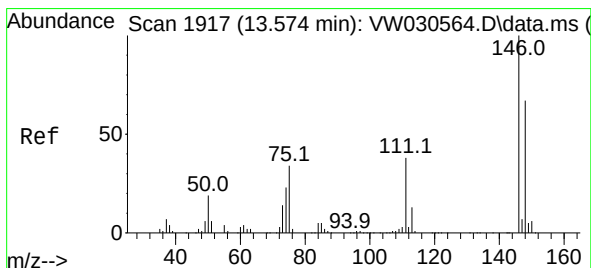
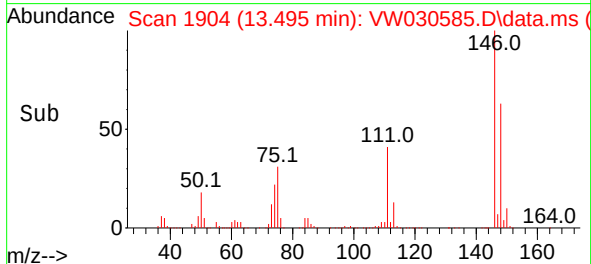
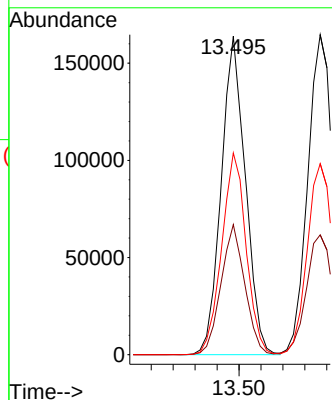
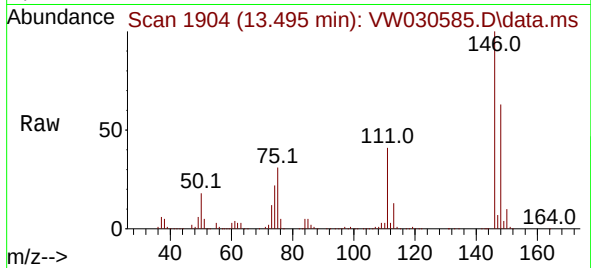




#64
1,3-Dichlorobenzene
Concen: 27.194 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

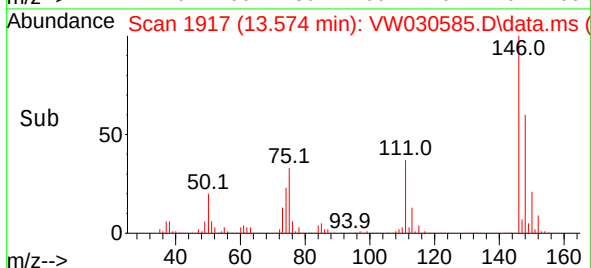
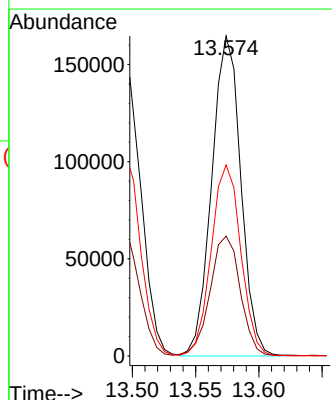
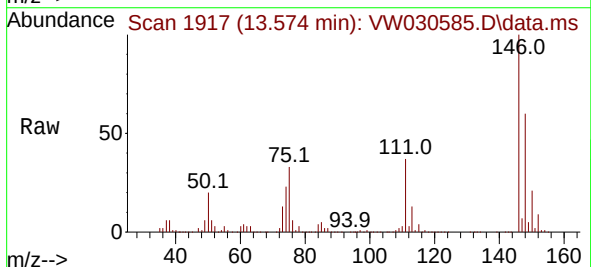
Instrument :
MSVOA_W
ClientSampleId :

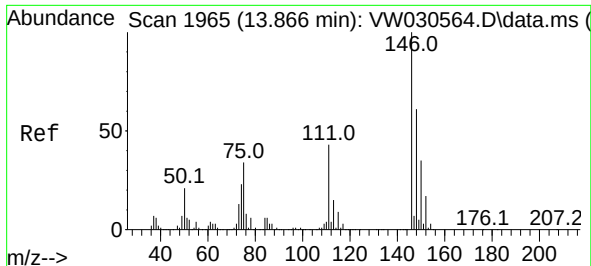
Tgt Ion:146 Resp: 250893
Ion Ratio Lower Upper
146 100
111 40.9 31.2 58.0
148 63.4 45.7 84.9



#65
1,4-Dichlorobenzene
Concen: 27.611 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

Tgt Ion:146 Resp: 263035
Ion Ratio Lower Upper
146 100
111 37.5 26.8 49.8
148 59.7 41.0 76.2

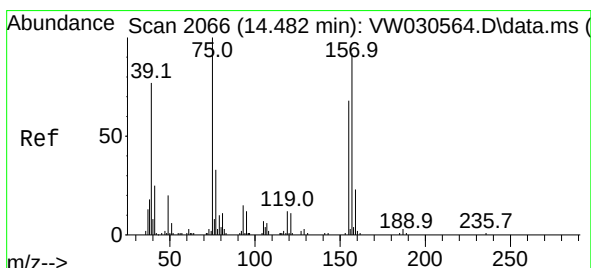
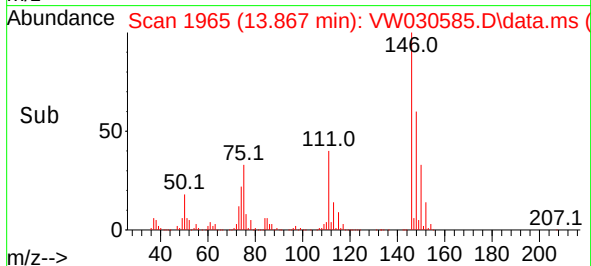
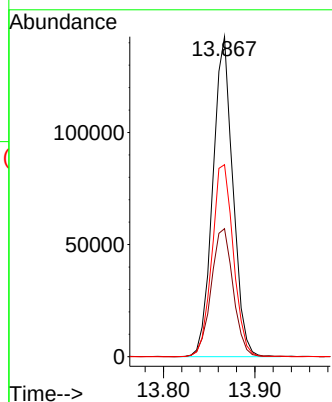
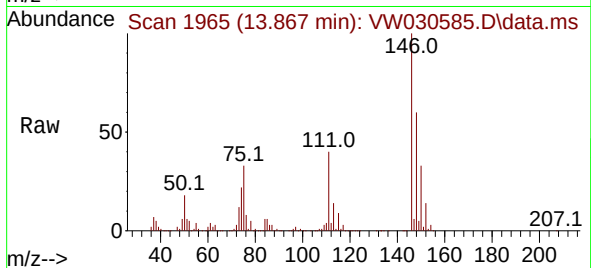




#67
1,2-Dichlorobenzene
Concen: 26.772 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

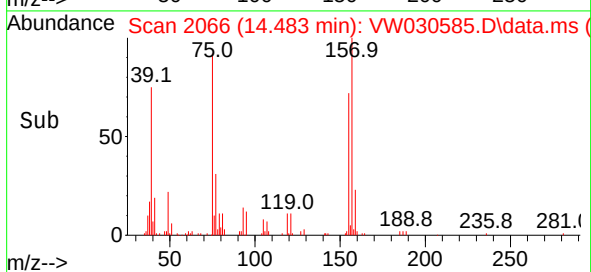
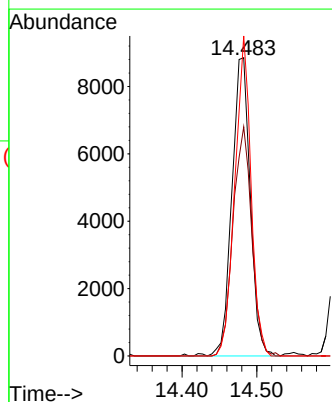
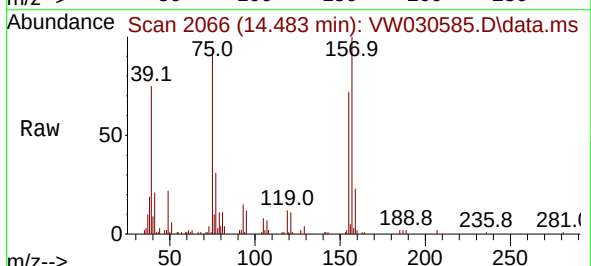
Instrument :
MSVOA_W
ClientSampleId :

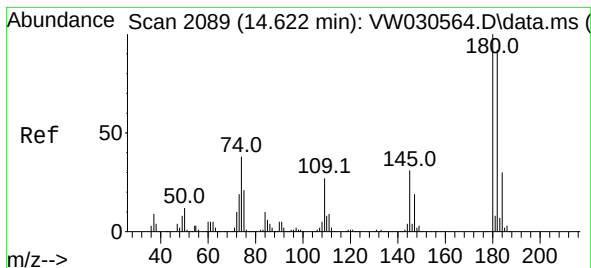
Tgt Ion:146 Resp: 217349
Ion Ratio Lower Upper
146 100
111 40.0 34.6 52.0
148 60.0 53.3 79.9



#68
1,2-Dibromo-3-chloropropane
Concen: 25.498 ug/L
RT: 14.483 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

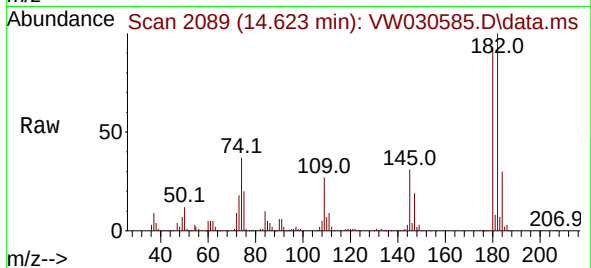
Tgt Ion: 75 Resp: 15142
Ion Ratio Lower Upper
75 100
155 76.8 57.9 86.9
157 107.3 69.0 103.6#



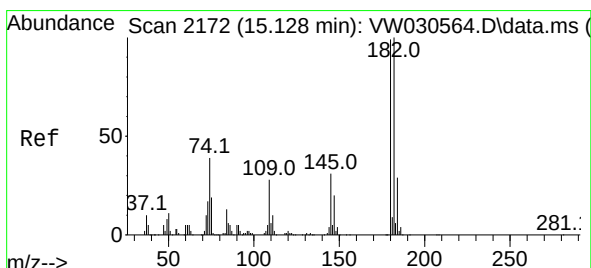
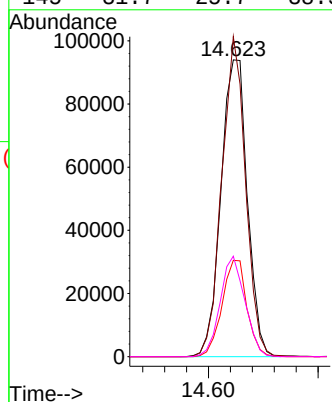
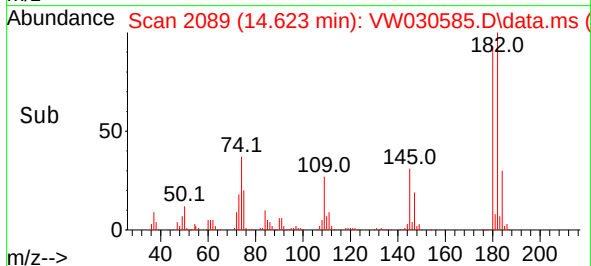


#69
1,3,5-Trichlorobenzene
Concen: 25.887 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19

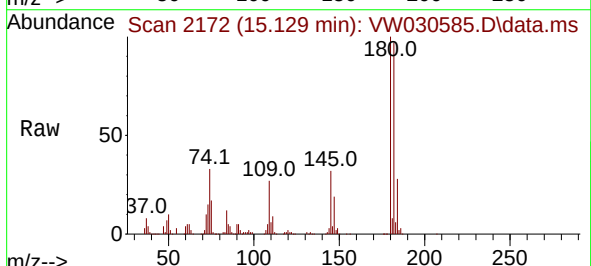
Instrument :
MSVOA_W
ClientSampleId :



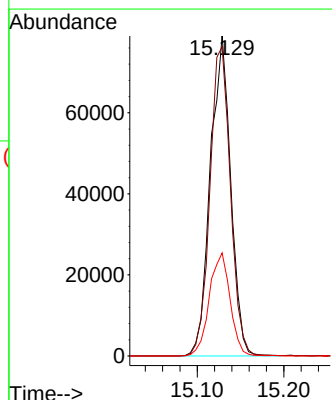
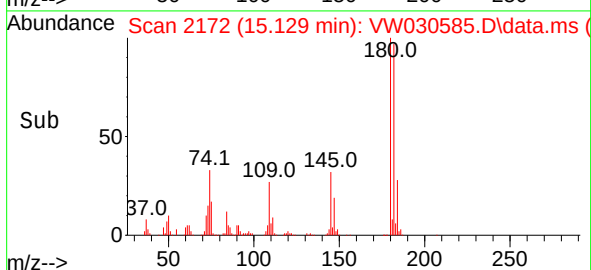
Tgt Ion:	180	Resp:	157495
Ion Ratio	Lower	Upper	
180	100		
182	97.0	79.9	119.9
184	30.6	25.2	37.8
145	31.7	25.7	38.5

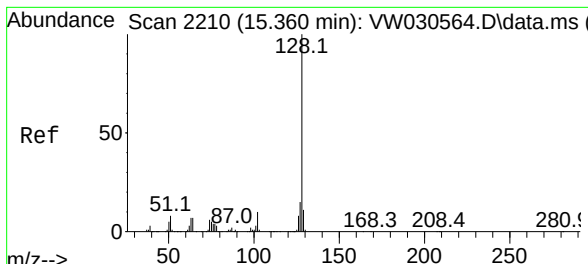


#70
1,2,4-trichlorobenzene
Concen: 26.318 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.000 min
Lab File: VW030585.D
Acq: 14 Oct 2024 11:19



Tgt Ion:	180	Resp:	128901
Ion Ratio	Lower	Upper	
180	100		
182	97.4	75.2	112.8
145	32.9	25.4	38.2



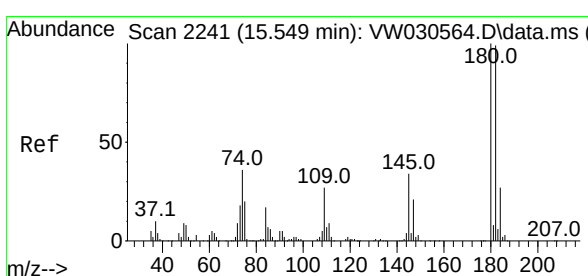
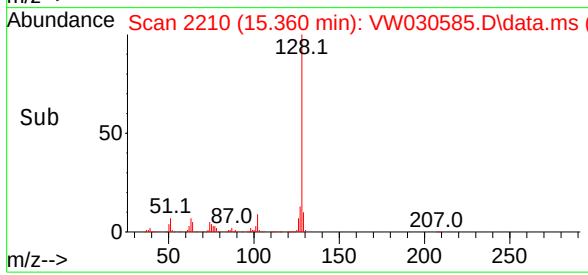
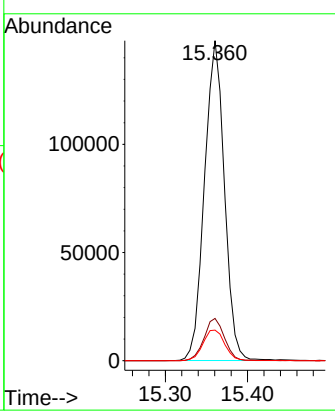
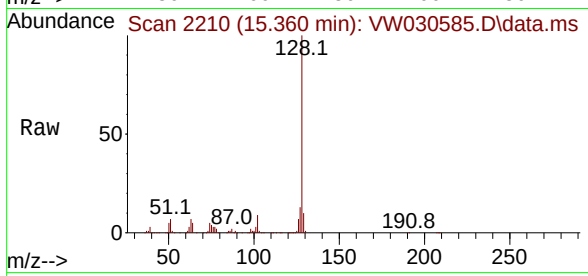


#71
 Naphthalene
 Concen: 29.410 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. 0.000 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 248867

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.9	16.3
129	10.5	8.8	13.2



#72
 1,2,3-Trichlorobenzene
 Concen: 26.475 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.000 min
 Lab File: VW030585.D
 Acq: 14 Oct 2024 11:19

Tgt Ion:180 Resp: 112415

Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.2	114.4
145	35.5	27.4	41.2

