

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010125\
 Data File : VX044578.D
 Acq On : 31 Dec 2024 14:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 01 00:19:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 31 01:02:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	186227	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	164981	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	80723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	64062	37.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.180%
7) Chloroethane-d5	1.642	69	45176	34.221	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	68.440%#
11) 1,1-Dichloroethene-d2	2.288	65	35498	48.705	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.420%
21) 2-Butanone-d5	4.465	46	102364	98.107	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.110%
24) Chloroform-d	5.050	84	146421	45.251	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.500%
26) 1,2-Dichloroethane-d4	5.946	65	95145	41.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.160%
32) Benzene-d6	5.964	84	256030	44.913	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
36) 1,2-Dichloropropane-d6	7.300	67	80476	45.464	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.920%
41) Toluene-d8	8.647	98	223274	42.360	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.720%
43) trans-1,3-Dichloroprop...	8.952	79	35339	41.544	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.080%
47) 2-Hexanone-d5	9.385	63	70703	102.443	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.440%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	120202	50.644	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.280%
66) 1,2-Dichlorobenzene-d4	12.317	152	85008	45.198	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	65223	43.187	ug/L	99
3) Chloromethane	1.295	50	56178	40.323	ug/L	95
5) Vinyl chloride	1.374	62	60578	40.302	ug/L	94
6) Bromomethane	1.593	94	40700	39.838	ug/L	100
8) Chloroethane	1.660	64	35724	35.900	ug/L	95
9) Trichlorofluoromethane	1.861	101	124571	44.480	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.307	101	73257	59.394	ug/L	98
13) Acetone	2.392	43	77023	82.960	ug/L	93
14) Carbon disulfide	2.496	76	83704	40.248	ug/L	99
15) Methyl Acetate	2.709	43	69877	46.413	ug/L	100
16) Methylene chloride	2.782	84	61492	48.674	ug/L	96
17) trans-1,2-Dichloroethene	3.081	96	51478	45.022	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	211781	45.903	ug/L	96
19) 1,1-Dichloroethane	3.599	63	111222	46.368	ug/L	97
20) cis-1,2-Dichloroethene	4.477	96	67470	48.269	ug/L	96
22) 2-Butanone	4.568	43	97379	86.900	ug/L	99
23) Bromochloromethane	4.891	128	35401	51.934	ug/L	98
25) Chloroform	5.087	83	129696	48.042	ug/L	92
27) 1,2-Dichloroethane	6.080	62	103465	46.100	ug/L	98

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 QLast Update : Tue Dec 31 01:02:15 2024
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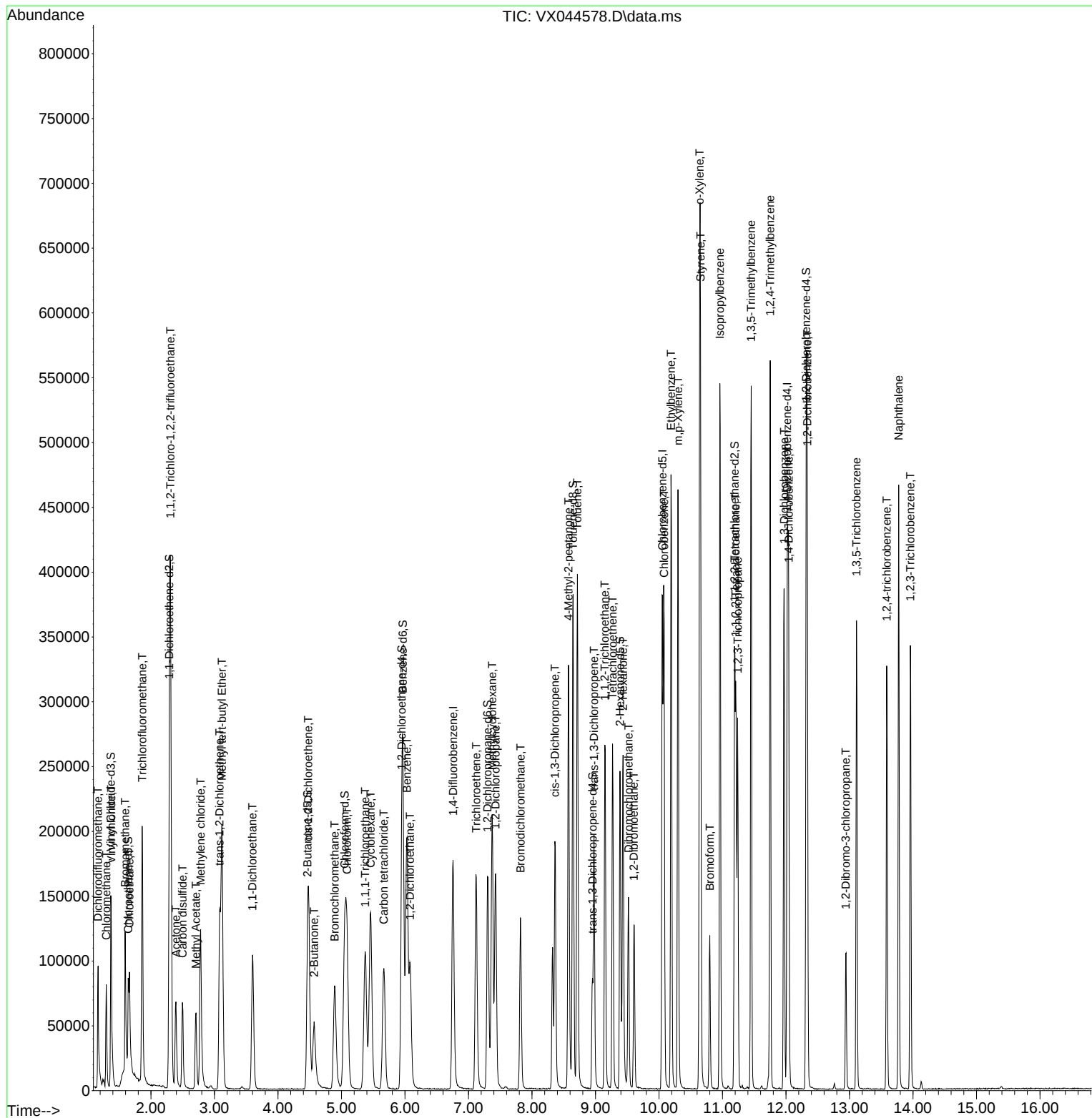
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.458	56	88342	43.157	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	105435	47.079	ug/L	97
31) Carbon tetrachloride	5.666	117	84239	48.022	ug/L	99
33) Benzene	6.031	78	237043	47.314	ug/L	100
34) Trichloroethene	7.123	95	62240	45.503	ug/L	94
35) Methylcyclohexane	7.373	83	92427	46.646	ug/L	98
37) 1,2-Dichloropropane	7.428	63	62036	46.114	ug/L	99
38) Bromodichloromethane	7.818	83	82756	46.954	ug/L	95
39) cis-1,3-Dichloropropene	8.360	75	97545	46.294	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	198955	95.528	ug/L	95
42) Toluene	8.714	91	250556	47.199	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	90099	45.113	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	69465	50.388	ug/L	99
46) Tetrachloroethene	9.269	164	49072	53.781	ug/L	92
48) 2-Hexanone	9.433	43	151513	92.396	ug/L	93
49) Dibromochloromethane	9.519	129	61522	50.488	ug/L	99
50) 1,2-Dibromoethane	9.604	107	68590	48.177	ug/L	97
51) Chlorobenzene	10.080	112	164476	48.294	ug/L	96
52) Ethylbenzene	10.189	91	276411	47.271	ug/L	99
53) m,p-Xylene	10.299	106	104888	49.524	ug/L	100
54) o-Xylene	10.640	106	106799	49.038	ug/L	96
55) Styrene	10.653	104	175322	49.357	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	108367	50.672	ug/L	99
59) Bromoform	10.799	173	39076	48.244	ug/L	99
60) Isopropylbenzene	10.957	105	280760	45.073	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	82634	44.198	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	229387	44.375	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	227459	44.835	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	123461	47.792	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	123378	47.727	ug/L	95
67) 1,2-Dichlorobenzene	12.335	146	130785	49.862	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	18354	43.194	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	84317	52.314	ug/L	97
70) 1,2,4-trichlorobenzene	13.585	180	72314	50.369	ug/L	95
71) Naphthalene	13.774	128	268544	45.880	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	79292	51.990	ug/L	97

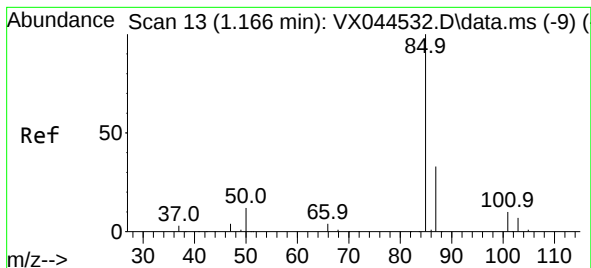
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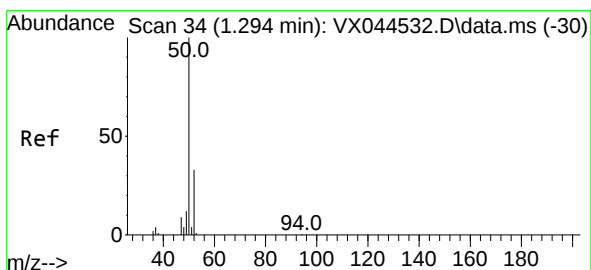
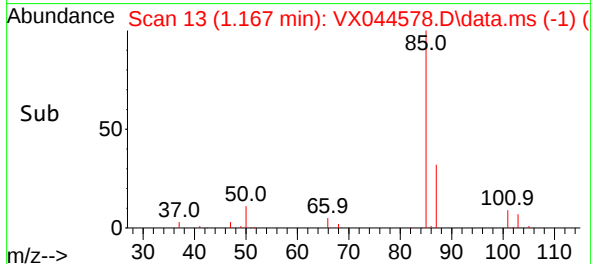
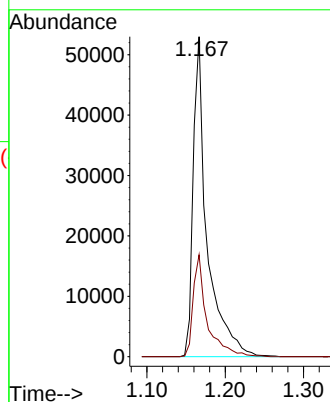
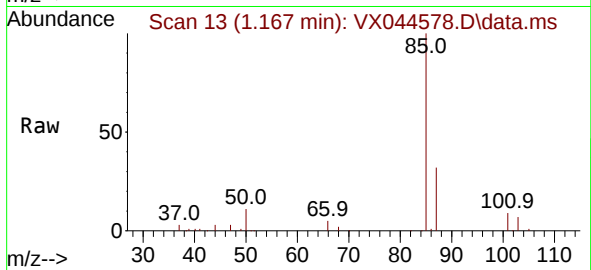




#2
Dichlorodifluoromethane
Concen: 43.187 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

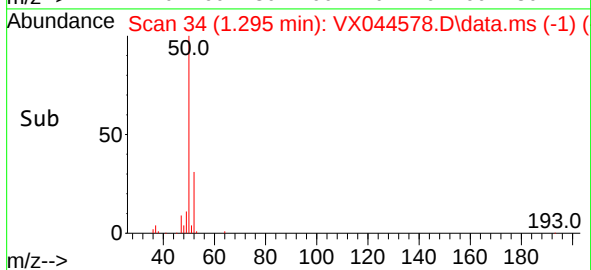
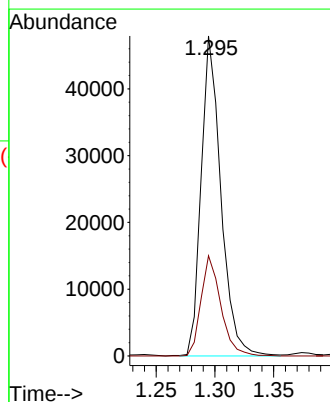
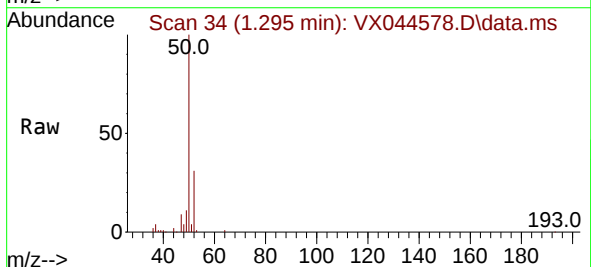
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MSVOA_X
ClientSampleId :

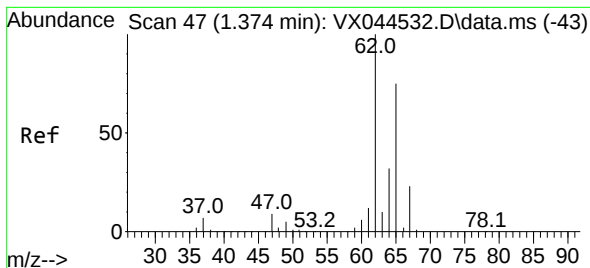
Tgt Ion: 85 Resp: 65223
Ion Ratio Lower Upper
85 100
87 31.8 26.1 39.1



#3
Chloromethane
Concen: 40.323 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Tgt Ion: 50 Resp: 56178
Ion Ratio Lower Upper
50 100
52 31.3 23.9 44.3





#5

Vinyl chloride

Concen: 40.302 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

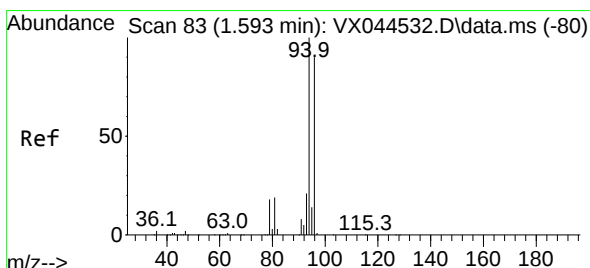
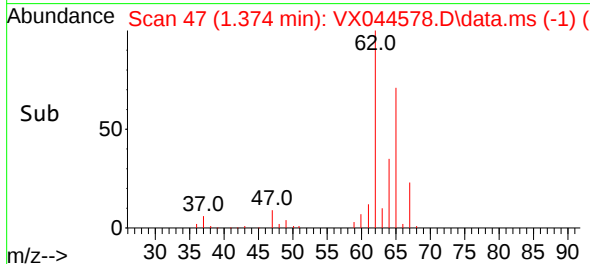
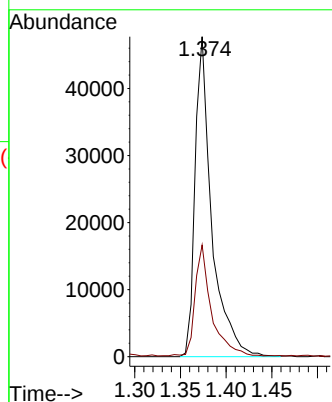
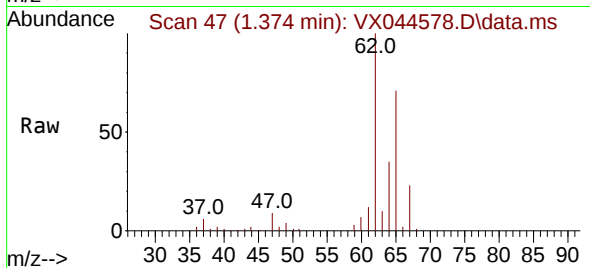
ClientSampleId :

Tgt Ion: 62 Resp: 60578

Ion Ratio Lower Upper

62 100

64 34.9 22.2 41.2



#6

Bromomethane

Concen: 39.838 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044578.D

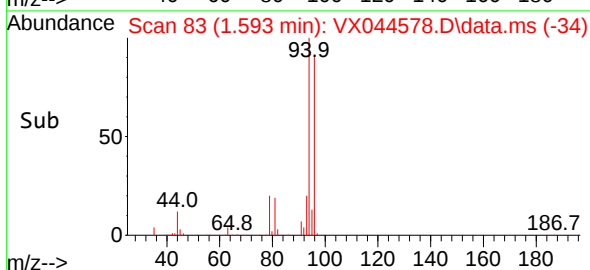
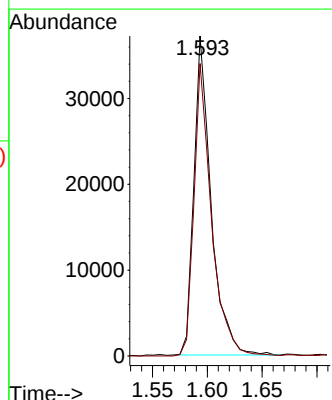
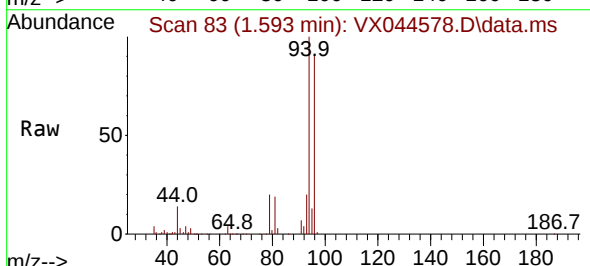
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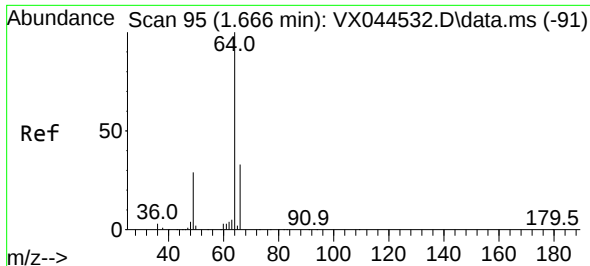
Tgt Ion: 94 Resp: 40700

Ion Ratio Lower Upper

94 100

96 91.4 64.2 119.2

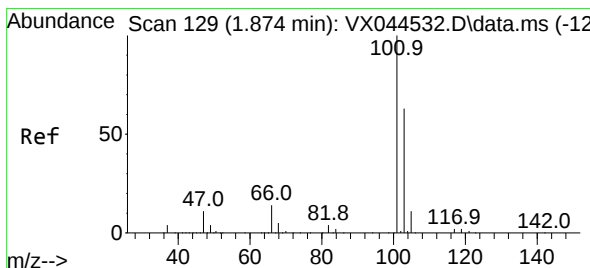
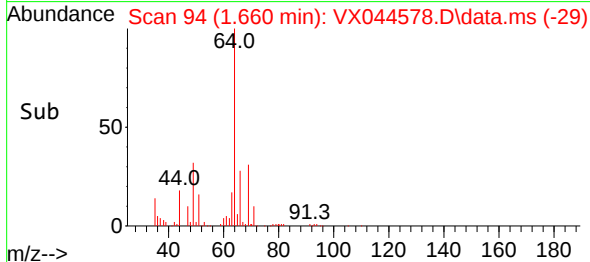
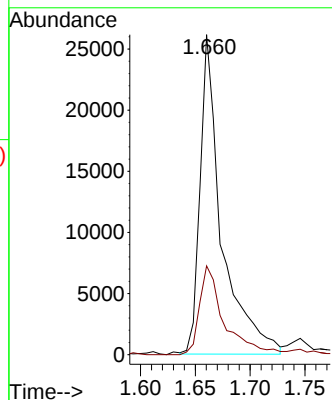
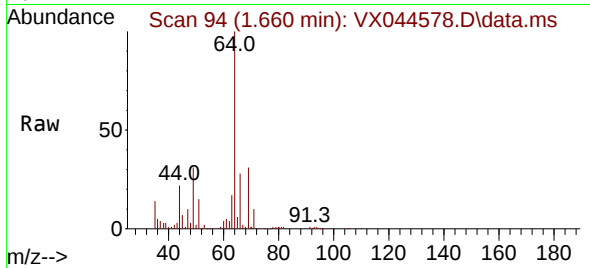




#8
Chloroethane
Concen: 35.900 ug/L
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

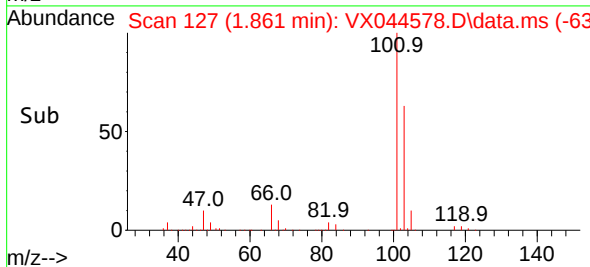
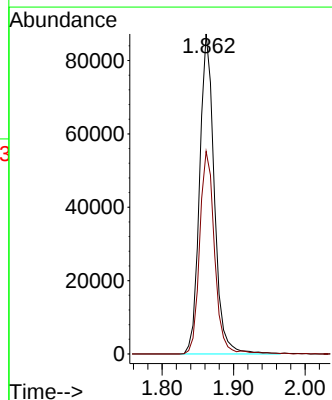
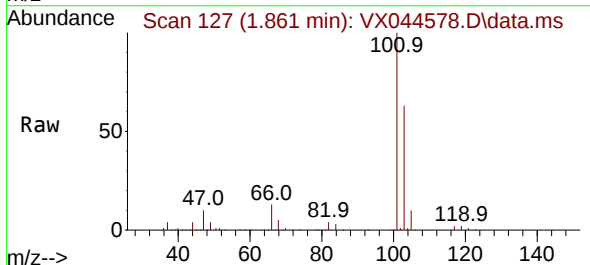
Instrument :
MSVOA_X
ClientSampleId :

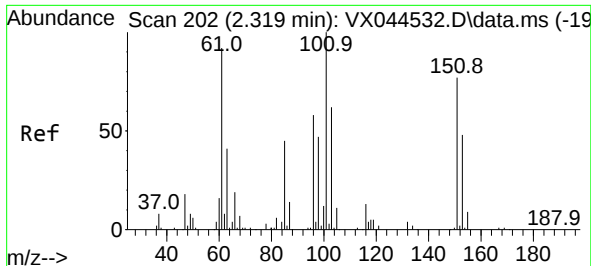
Tgt Ion: 64 Resp: 35724
Ion Ratio Lower Upper
64 100
66 27.8 21.5 39.9



#9
Trichlorofluoromethane
Concen: 44.480 ug/L
RT: 1.861 min Scan# 127
Delta R.T. -0.012 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Tgt Ion:101 Resp: 124571
Ion Ratio Lower Upper
101 100
103 63.0 50.8 76.2

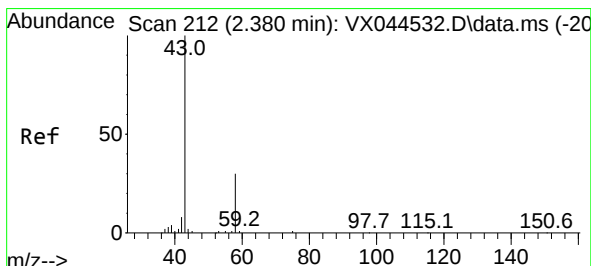
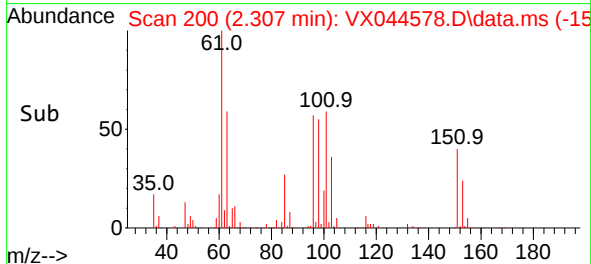
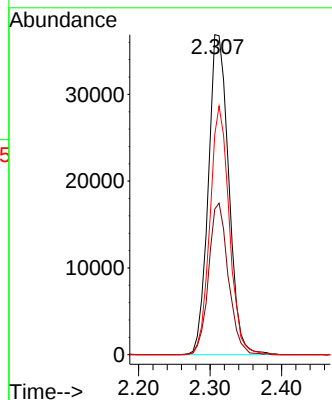
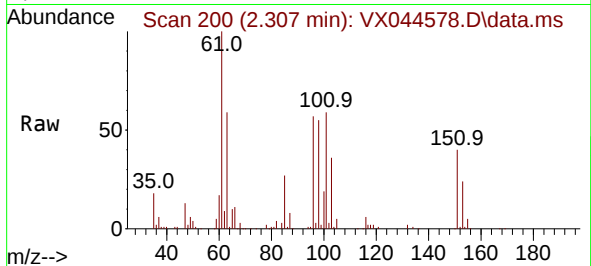




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 59.394 ug/L
 RT: 2.307 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

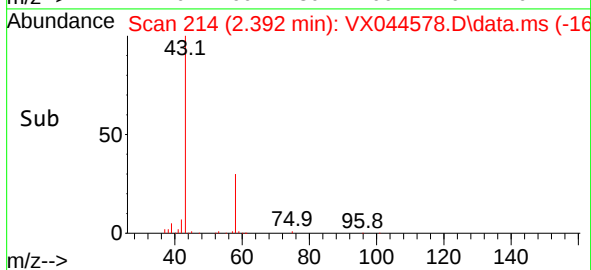
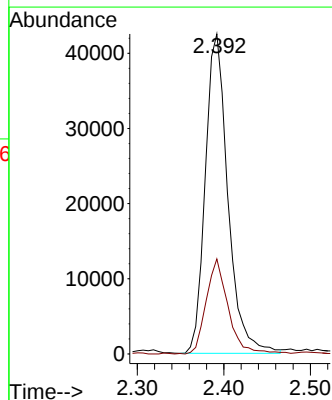
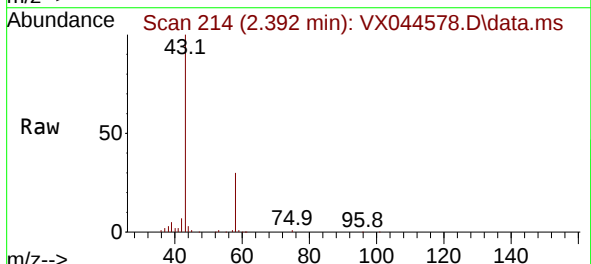
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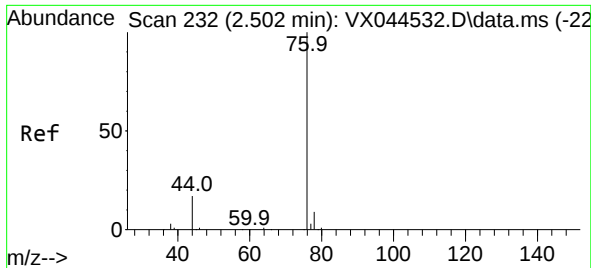
Tgt Ion:101 Resp: 73257
 Ion Ratio Lower Upper
 101 100
 85 45.5 33.9 50.9
 151 73.5 58.5 87.7



#13
 Acetone
 Concen: 82.960 ug/L
 RT: 2.392 min Scan# 214
 Delta R.T. 0.012 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

Tgt Ion: 43 Resp: 77023
 Ion Ratio Lower Upper
 43 100
 58 29.1 0.0 66.0





#14

Carbon disulfide

Concen: 40.248 ug/L

RT: 2.496 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

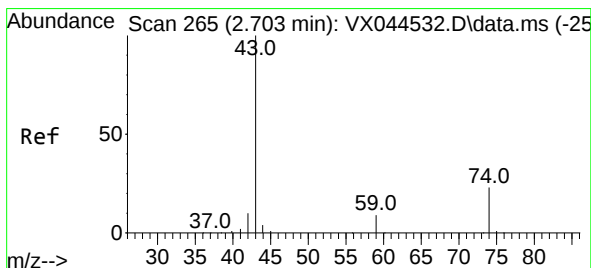
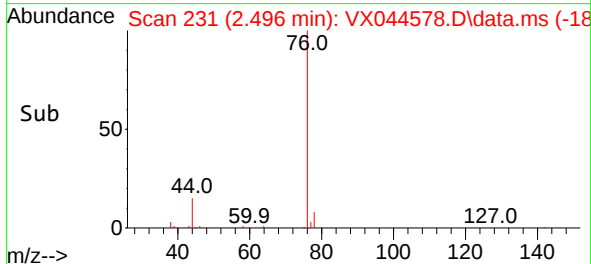
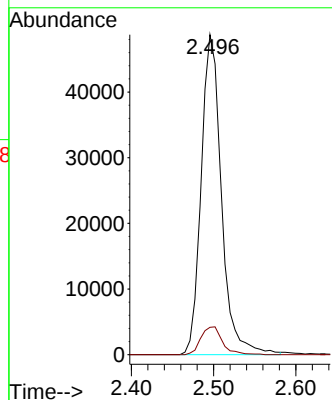
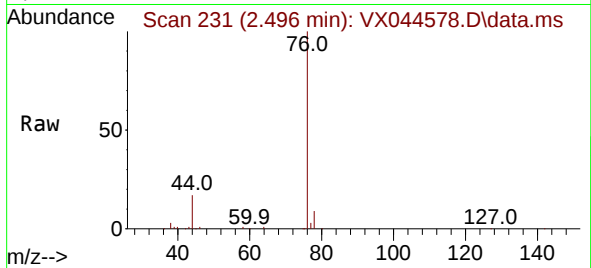
ClientSampleId :

Tgt Ion: 76 Resp: 83704

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8



#15

Methyl Acetate

Concen: 46.413 ug/L

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX044578.D

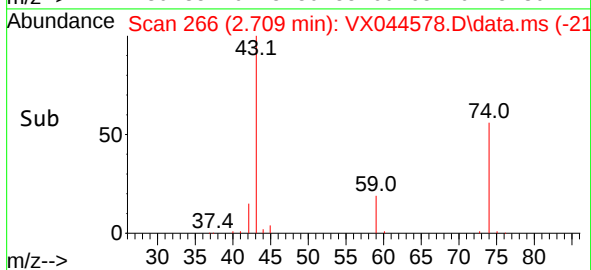
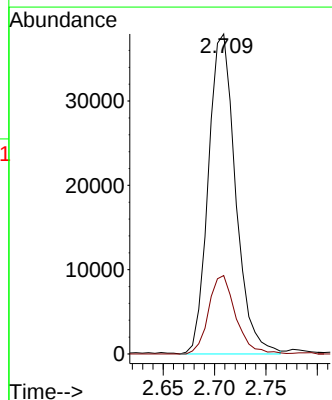
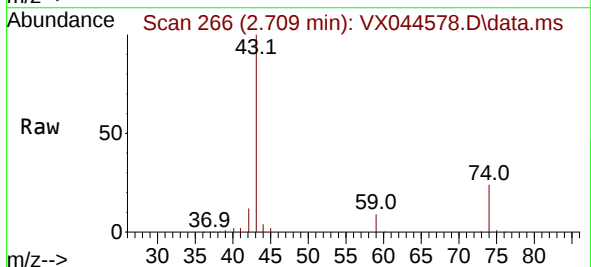
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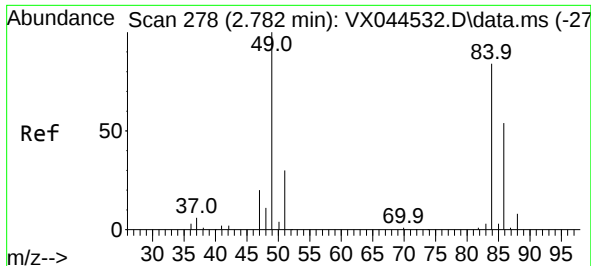
Tgt Ion: 43 Resp: 69877

Ion Ratio Lower Upper

43 100

74 24.3 19.4 29.2

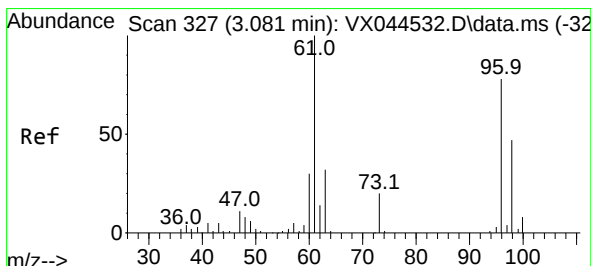
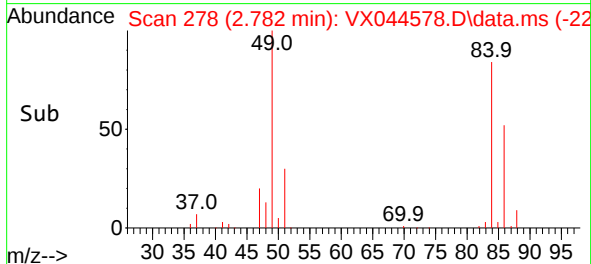
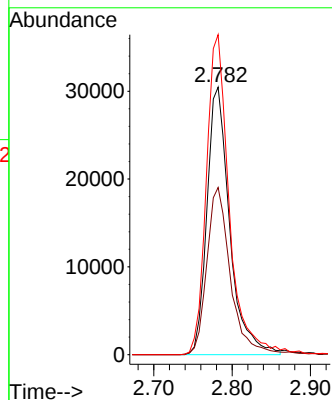
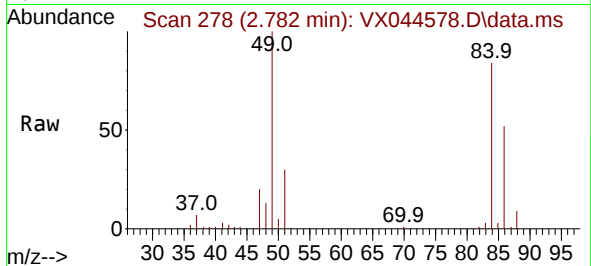




#16
Methylene chloride
Concen: 48.674 ug/L
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

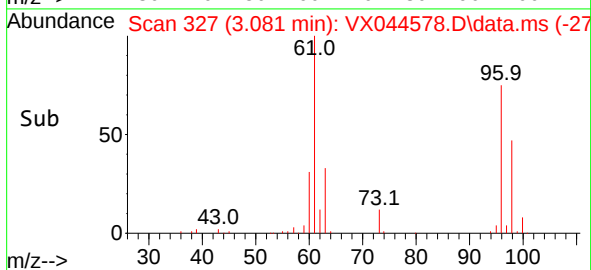
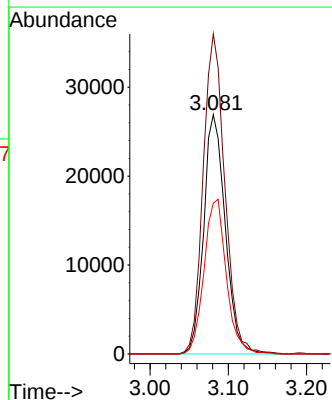
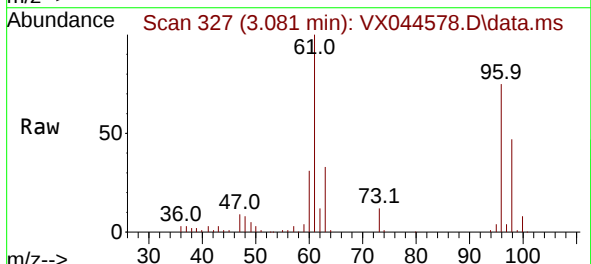
Instrument :
MSVOA_X
ClientSampleId :

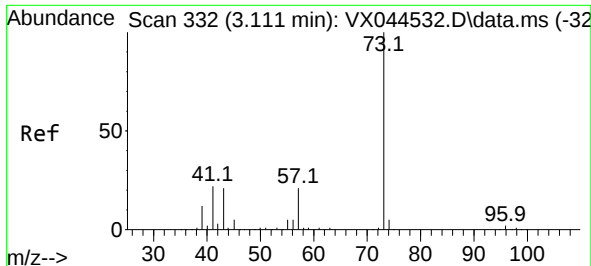
Tgt Ion: 84 Resp: 61492
Ion Ratio Lower Upper
84 100
86 62.5 46.0 85.4
49 119.6 80.8 150.2



#17
trans-1,2-Dichloroethene
Concen: 45.022 ug/L
RT: 3.081 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

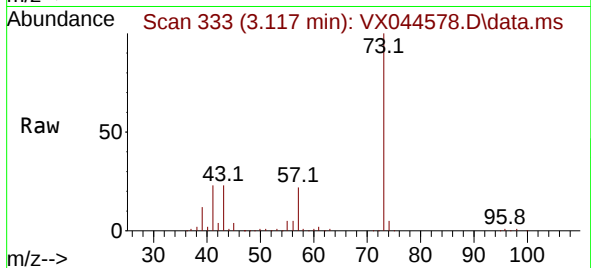
Tgt Ion: 96 Resp: 51478
Ion Ratio Lower Upper
96 100
61 133.7 95.7 177.7
98 62.9 47.2 87.6



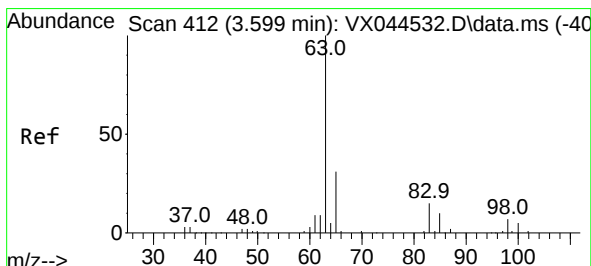
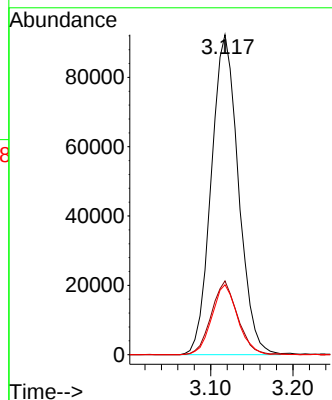
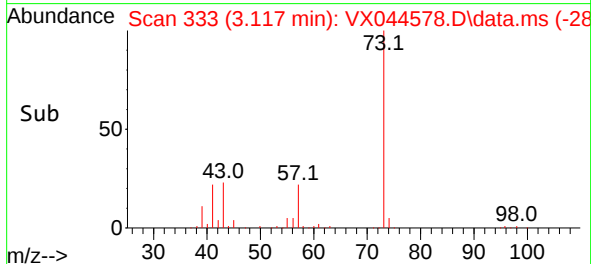


#18
Methyl tert-butyl Ether
Concen: 45.903 ug/L
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

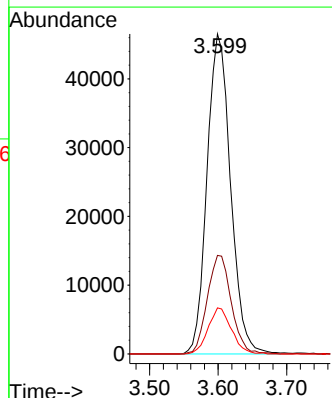
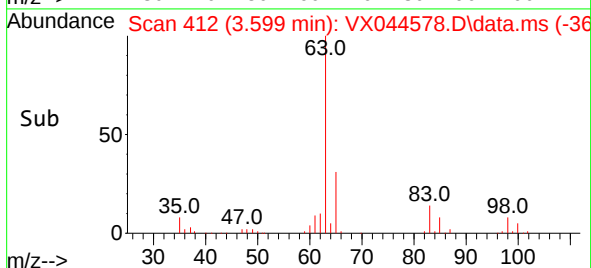
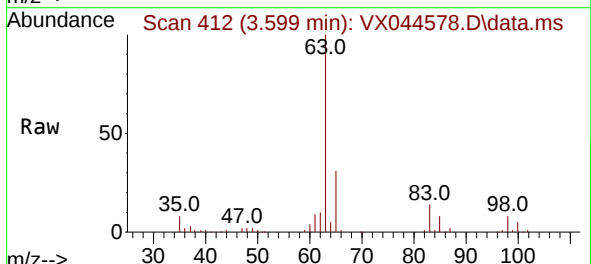


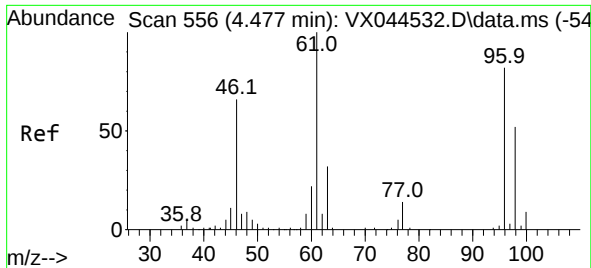
Tgt Ion: 73 Resp: 211781
Ion Ratio Lower Upper
73 100
43 22.2 15.2 22.8
57 20.8 17.0 25.6



#19
1,1-Dichloroethane
Concen: 46.368 ug/L
RT: 3.599 min Scan# 412
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Tgt Ion: 63 Resp: 111222
Ion Ratio Lower Upper
63 100
65 30.8 23.2 43.2
83 14.4 10.0 18.6

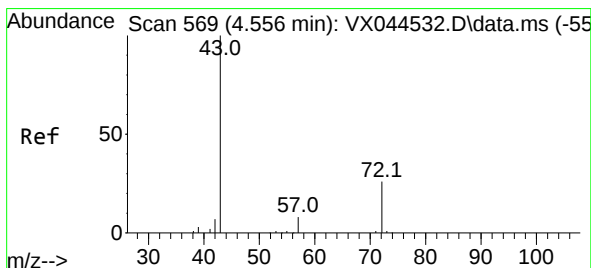
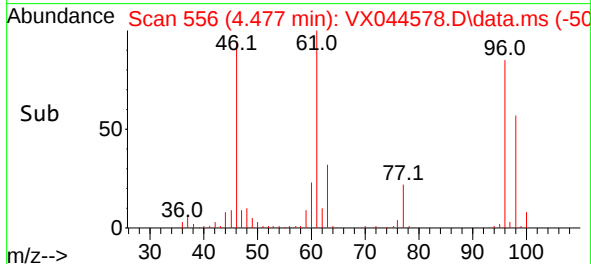
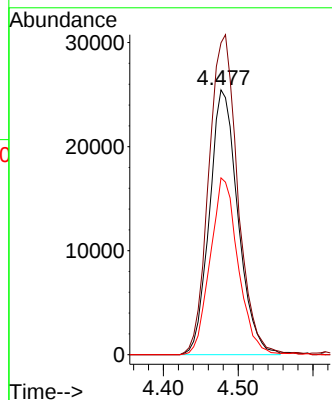
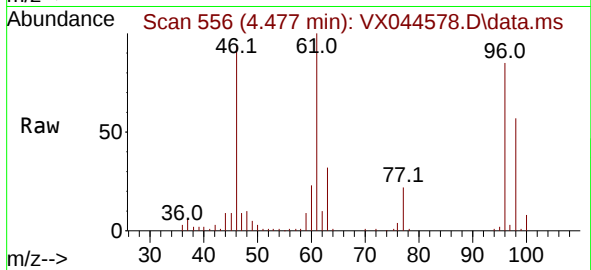




#20
 cis-1,2-Dichloroethene
 Concen: 48.269 ug/L
 RT: 4.477 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

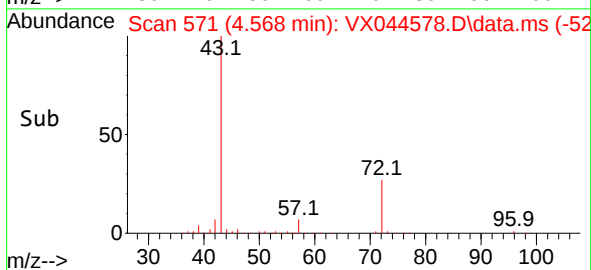
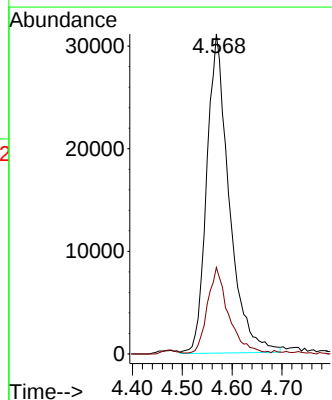
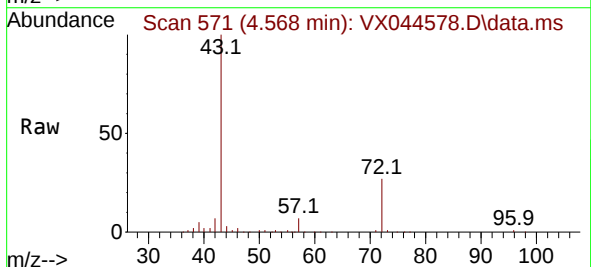
Instrument :
 MSVOA_X
 ClientSampleId :

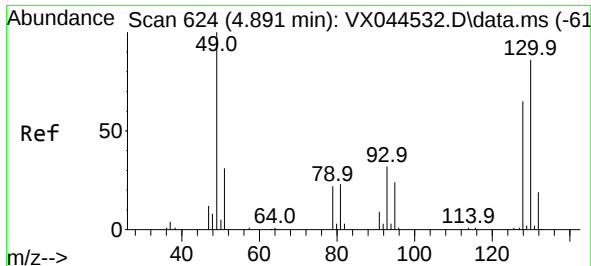
Tgt Ion: 96 Resp: 67470
 Ion Ratio Lower Upper
 96 100
 61 117.8 85.0 158.0
 98 66.8 44.6 82.8



#22
 2-Butanone
 Concen: 86.900 ug/L
 RT: 4.568 min Scan# 571
 Delta R.T. 0.012 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

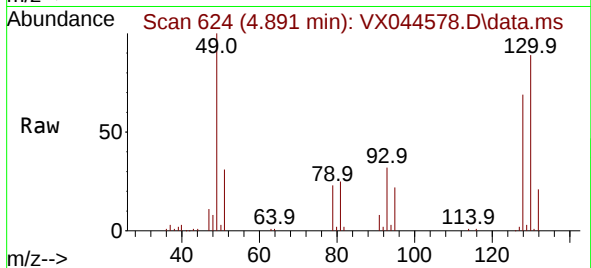
Tgt Ion: 43 Resp: 97379
 Ion Ratio Lower Upper
 43 100
 72 25.5 13.1 39.3



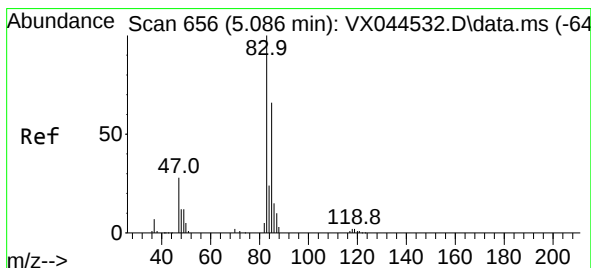
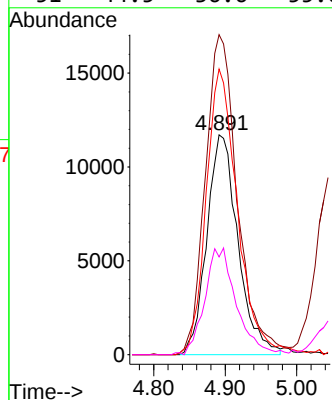
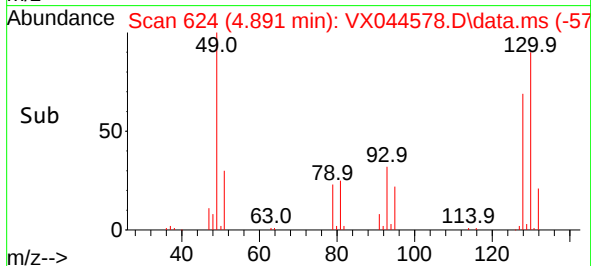


#23
Bromochloromethane
Concen: 51.934 ug/L
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

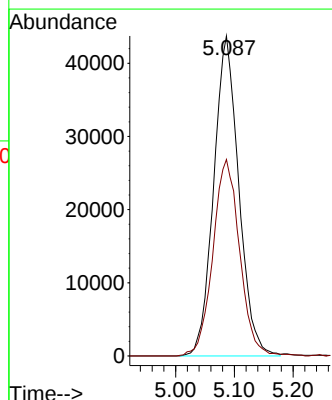
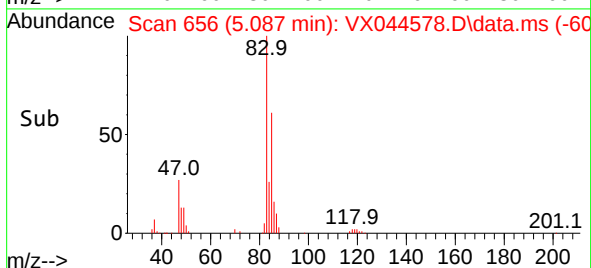
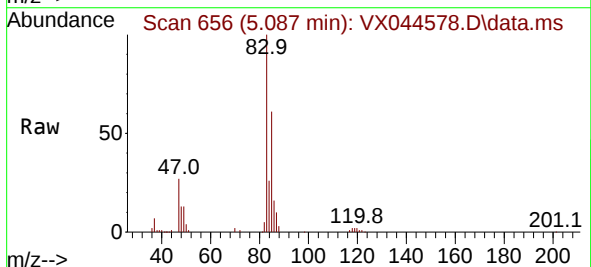


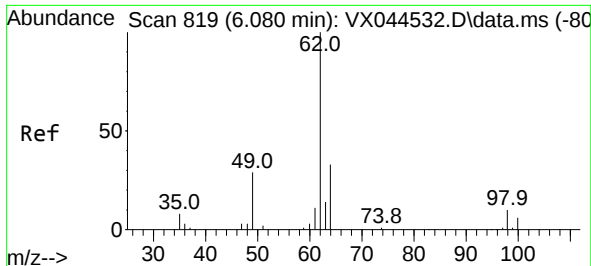
Tgt Ion:128 Resp: 35401
Ion Ratio Lower Upper
128 100
49 145.6 103.7 192.5
130 129.9 89.1 165.5
51 44.5 36.6 55.0



#25
Chloroform
Concen: 48.042 ug/L
RT: 5.087 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Tgt Ion: 83 Resp: 129696
Ion Ratio Lower Upper
83 100
85 61.4 47.7 88.7





#27

1,2-Dichloroethane

Concen: 46.100 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

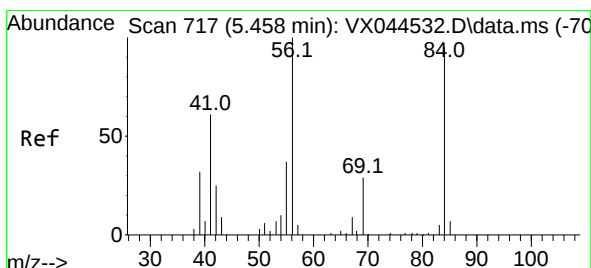
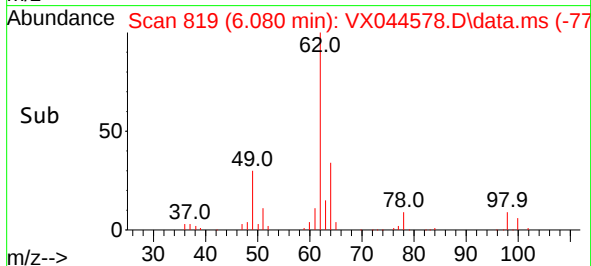
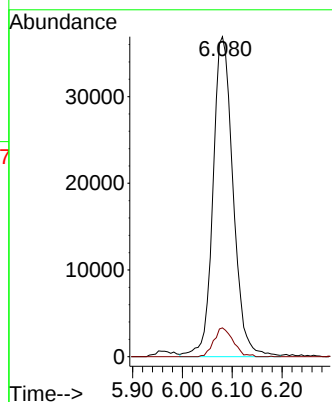
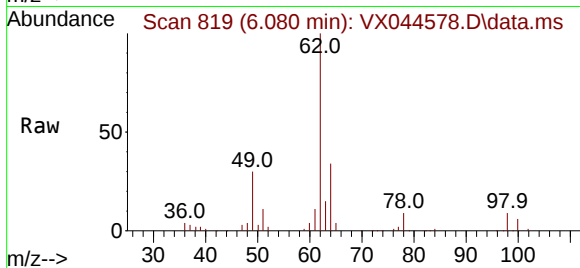
ClientSampleId :

Tgt Ion: 62 Resp: 103465

Ion Ratio Lower Upper

62 100

98 9.0 7.7 11.5



#29

Cyclohexane

Concen: 43.157 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

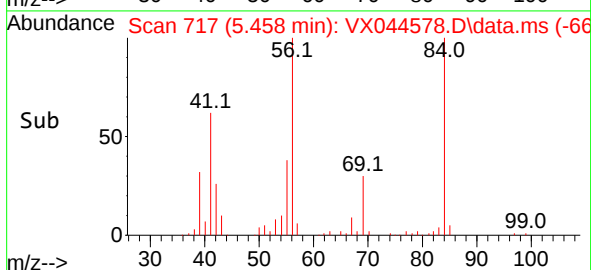
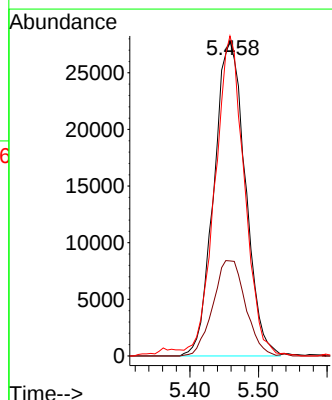
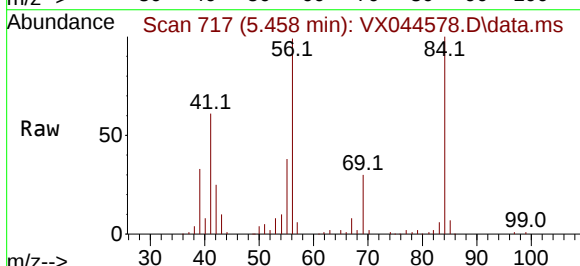
Tgt Ion: 56 Resp: 88342

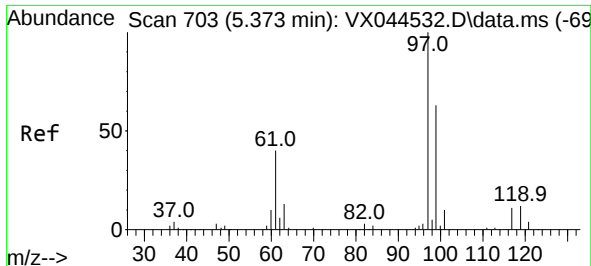
Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 94.9 72.9 109.3

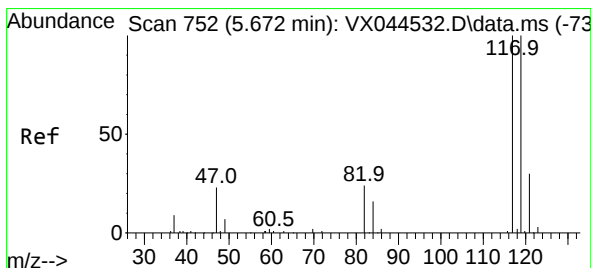
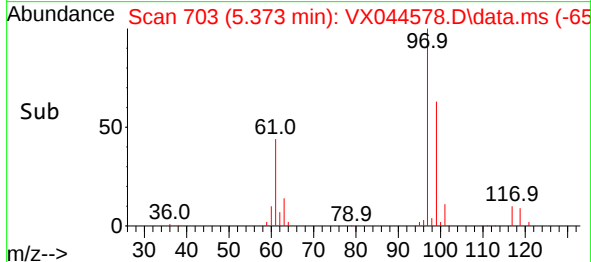
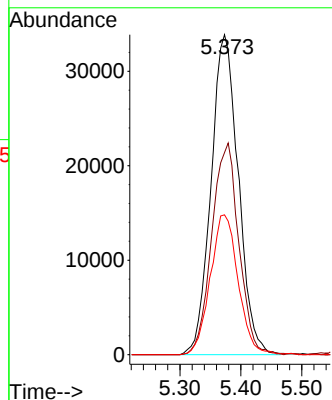
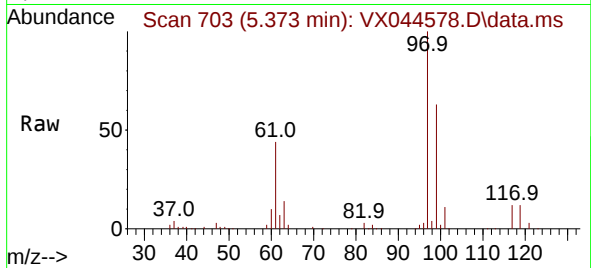




#30
1,1,1-Trichloroethane
Concen: 47.079 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

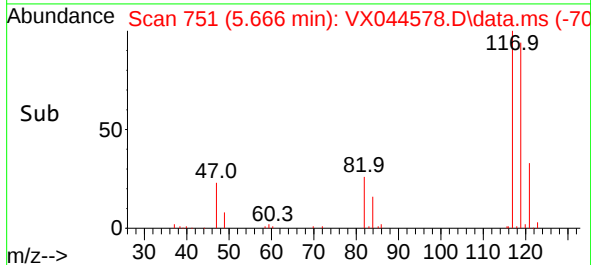
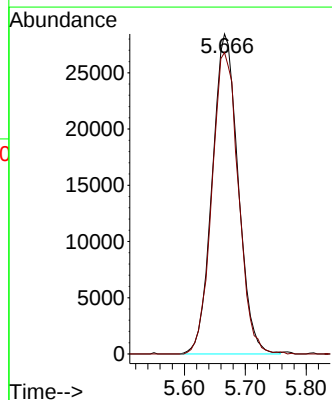
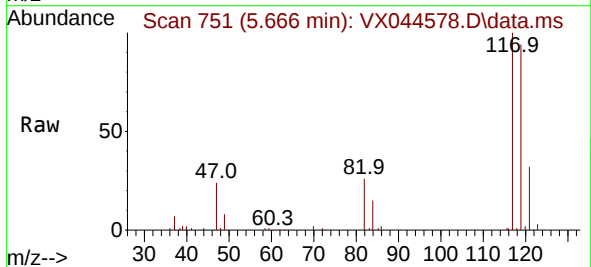
Instrument :
MSVOA_X
ClientSampleId :

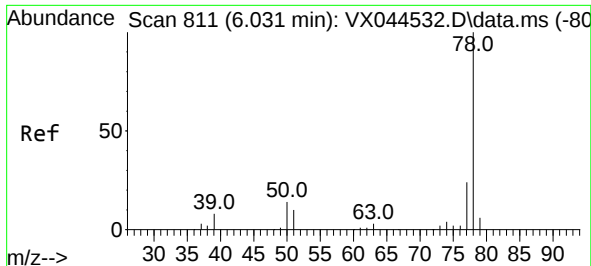
Tgt Ion: 97 Resp: 105435
Ion Ratio Lower Upper
97 100
99 65.5 52.2 78.2
61 44.7 32.8 49.2



#31
Carbon tetrachloride
Concen: 48.022 ug/L
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Tgt Ion:117 Resp: 84239
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5

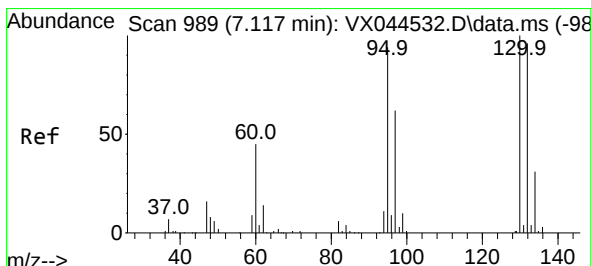
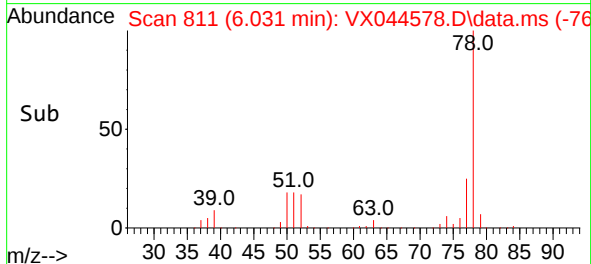
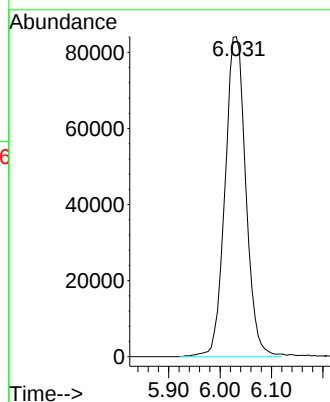
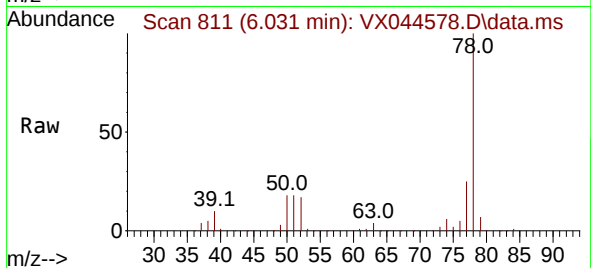




#33
Benzene
Concen: 47.314 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Instrument :
MSVOA_X
ClientSampleId :

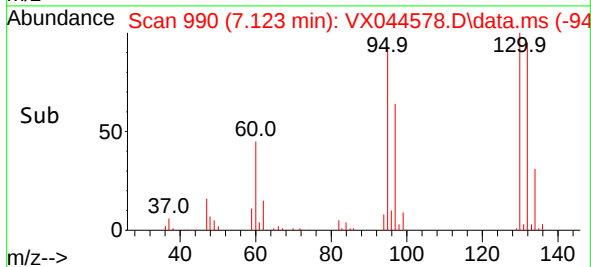
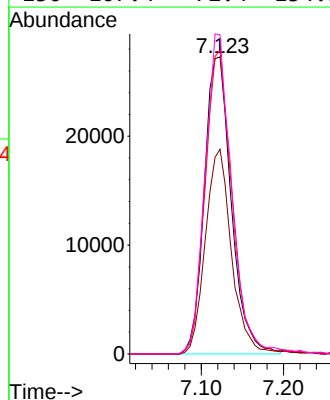
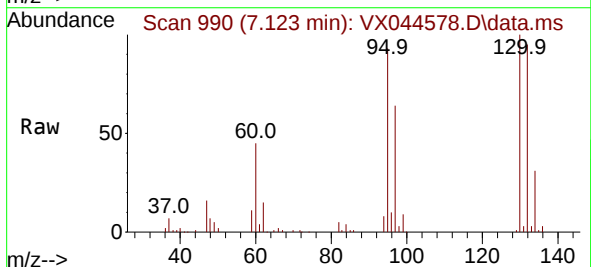
Tgt Ion: 78 Resp: 237043

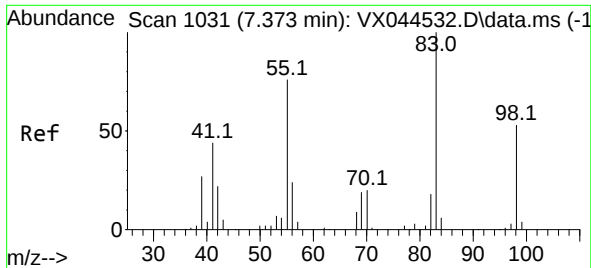


#34
Trichloroethene
Concen: 45.503 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Tgt Ion: 95 Resp: 62240

Ion	Ratio	Lower	Upper
95	100		
97	68.9	45.0	83.6
132	102.1	66.6	123.8
130	107.4	72.4	134.5





#35

Methylcyclohexane

Concen: 46.646 ug/L

RT: 7.373 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

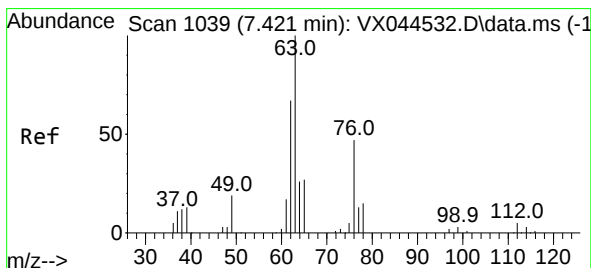
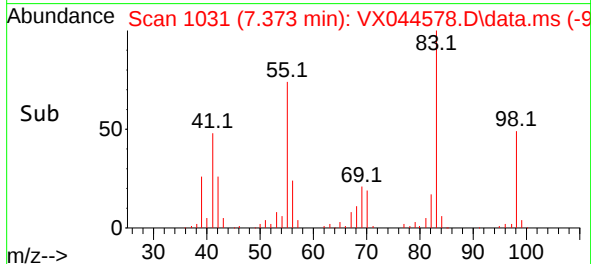
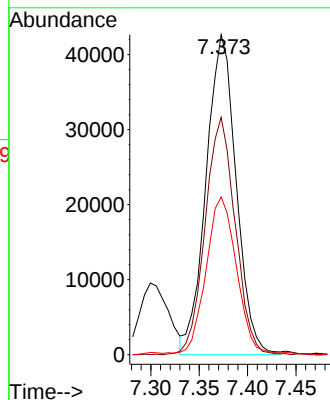
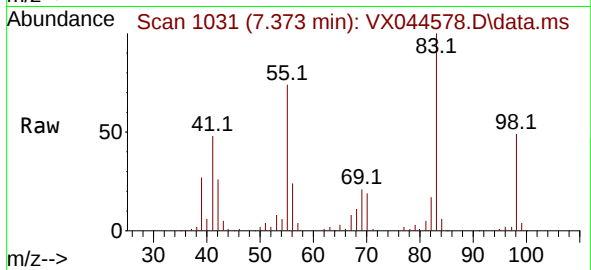
Tgt Ion: 83 Resp: 92427

Ion Ratio Lower Upper

83 100

55 73.8 58.5 87.7

98 48.8 40.5 60.7



#37

1,2-Dichloropropane

Concen: 46.114 ug/L

RT: 7.428 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VX044578.D

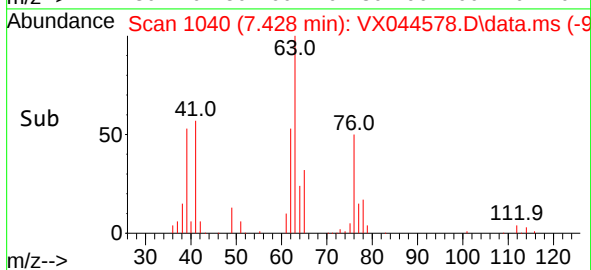
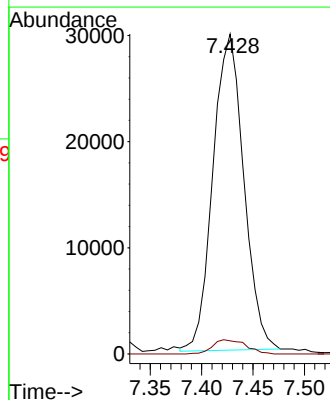
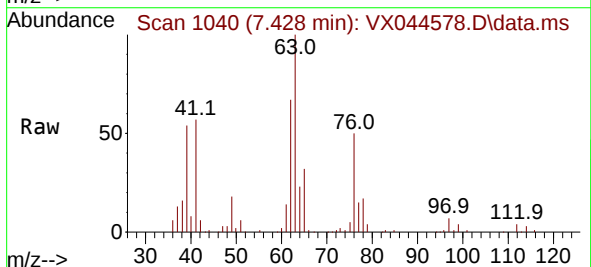
Acq: 31 Dec 2024 14:19

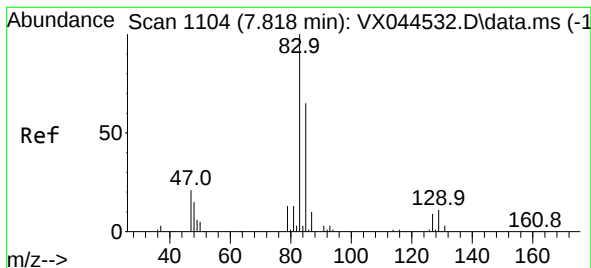
Tgt Ion: 63 Resp: 62036

Ion Ratio Lower Upper

63 100

112 4.9 3.6 5.4





#38

Bromodichloromethane

Concen: 46.954 ug/L

RT: 7.818 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

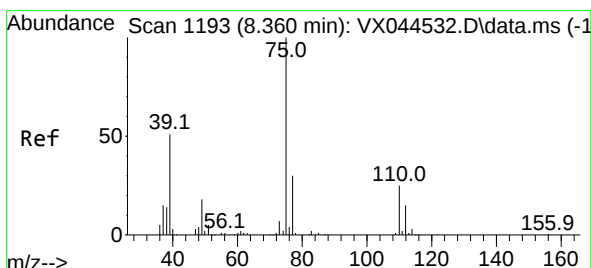
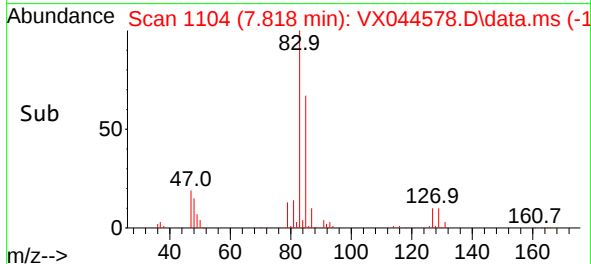
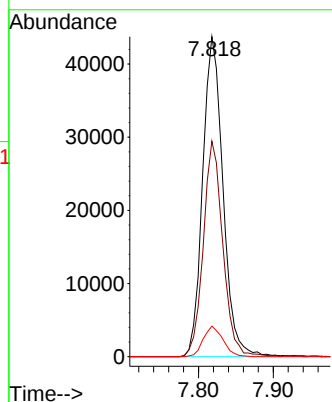
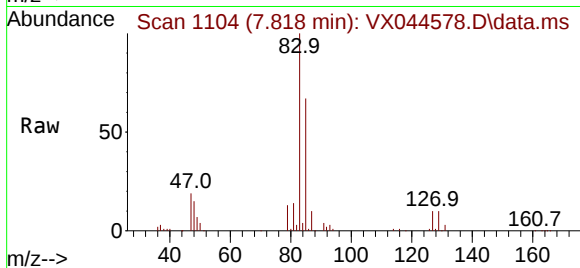
Tgt Ion: 83 Resp: 82756

Ion Ratio Lower Upper

83 100

85 67.4 44.1 81.9

127 9.6 7.0 10.4



#39

cis-1,3-Dichloropropene

Concen: 46.294 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044578.D

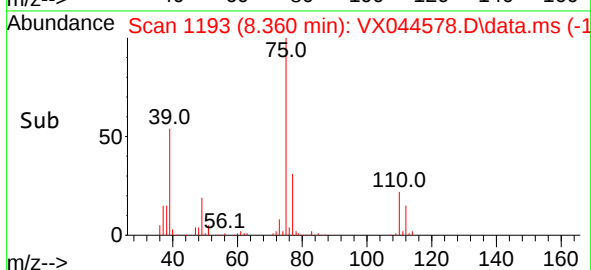
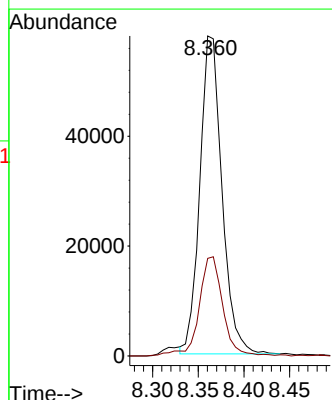
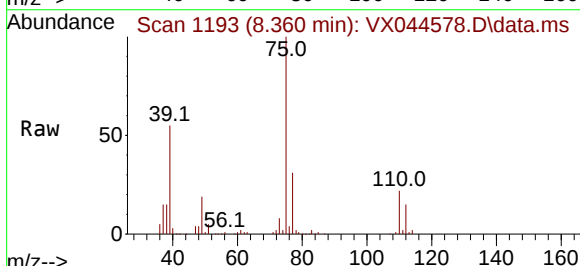
Acq: 31 Dec 2024 14:19

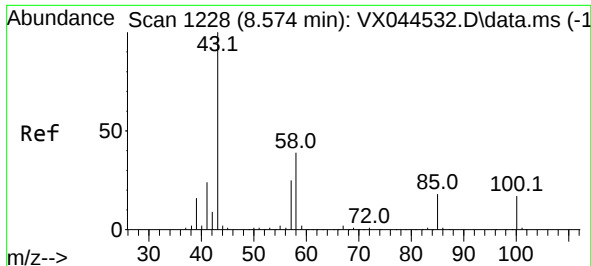
Tgt Ion: 75 Resp: 97545

Ion Ratio Lower Upper

75 100

77 30.5 21.6 40.0





#40

4-Methyl-2-pentanone

Concen: 95.528 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

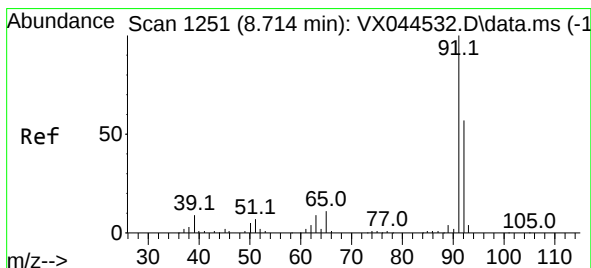
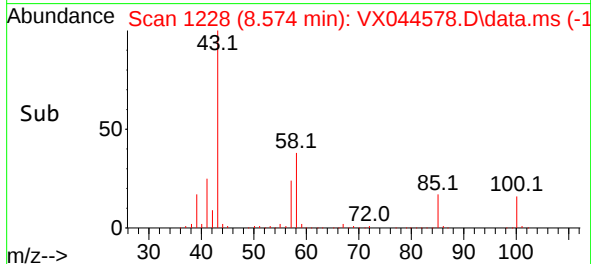
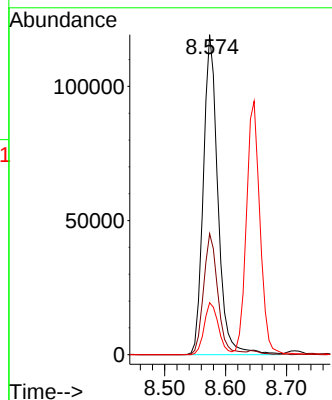
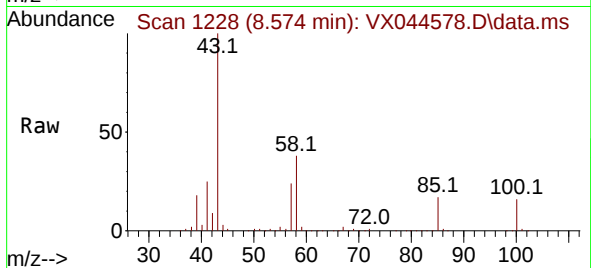
Tgt Ion: 43 Resp: 198955

Ion Ratio Lower Upper

43 100

58 37.2 32.4 48.6

100 15.9 13.7 20.5



#42

Toluene

Concen: 47.199 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044578.D

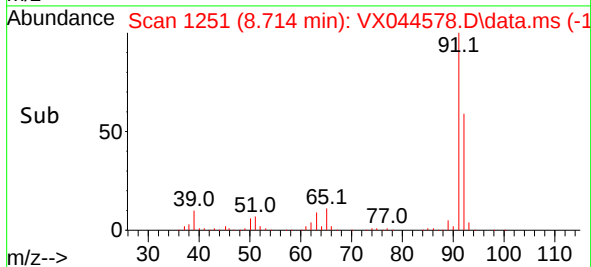
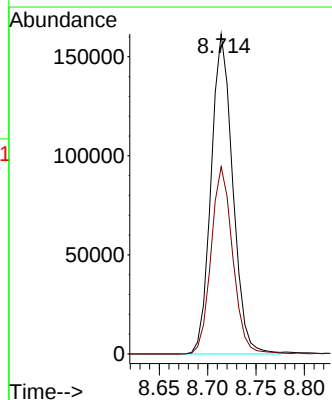
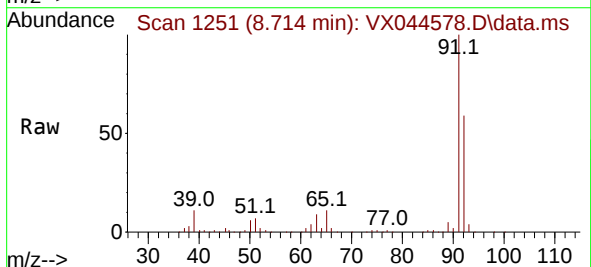
Acq: 31 Dec 2024 14:19

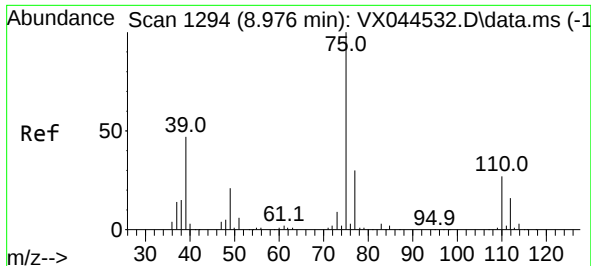
Tgt Ion: 91 Resp: 250556

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5

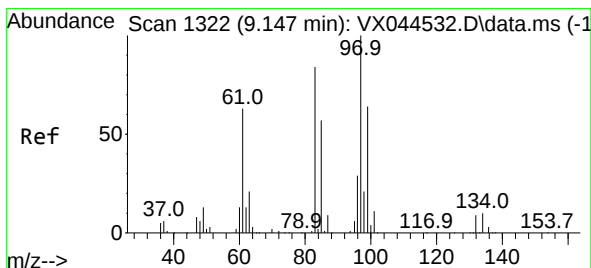
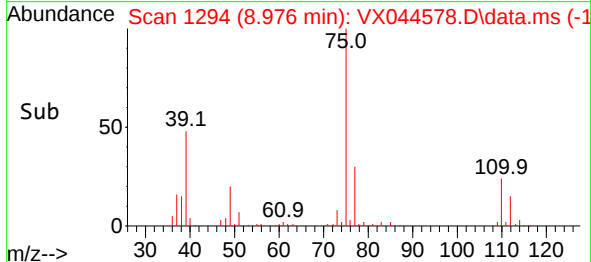
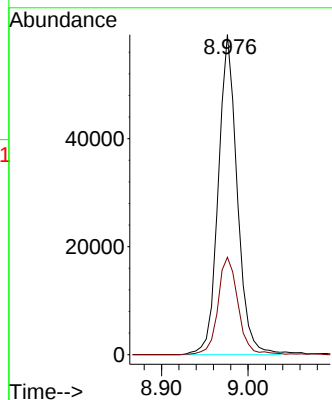
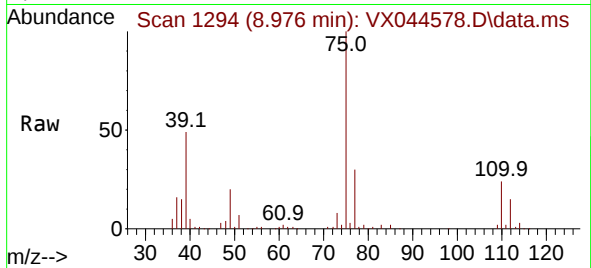




#44
trans-1,3-Dichloropropene
Concen: 45.113 ug/L
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

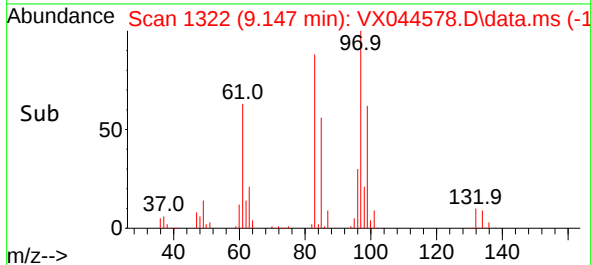
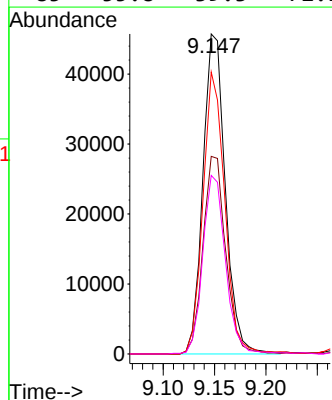
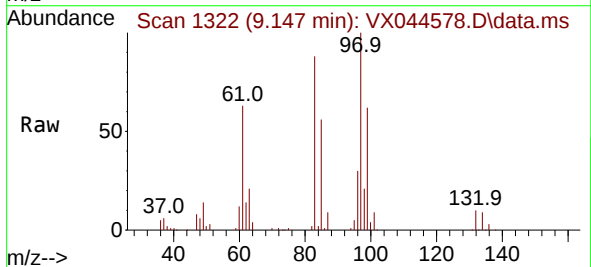
Instrument :
MSVOA_X
ClientSampleId :

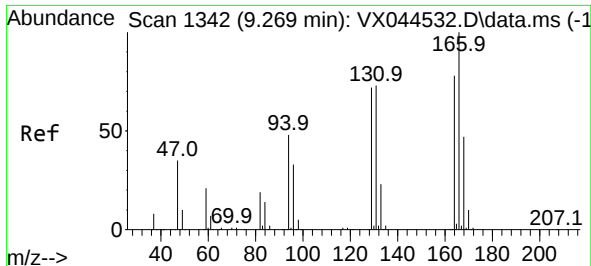
Tgt Ion: 75 Resp: 90099
Ion Ratio Lower Upper
75 100
77 30.4 21.8 40.6



#45
1,1,2-Trichloroethane
Concen: 50.388 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

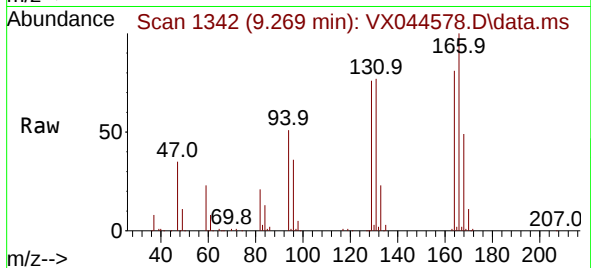
Tgt Ion: 97 Resp: 69465
Ion Ratio Lower Upper
97 100
99 61.8 43.4 80.6
83 88.1 60.2 111.8
85 55.8 39.3 72.9



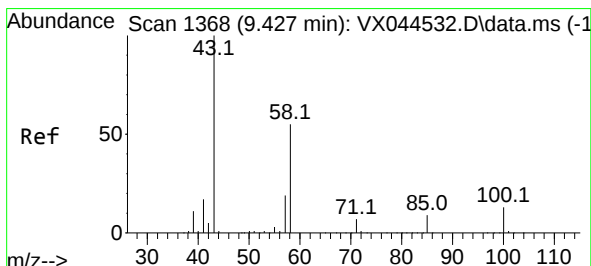
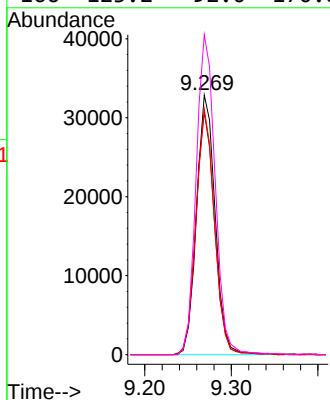
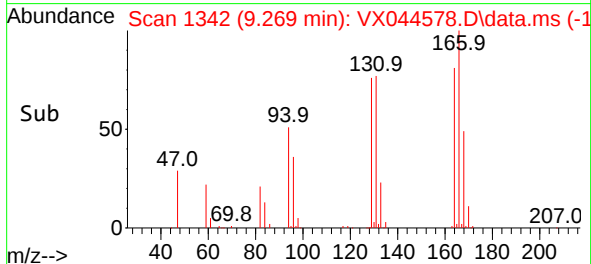


#46
Tetrachloroethene
Concen: 53.781 ug/L
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

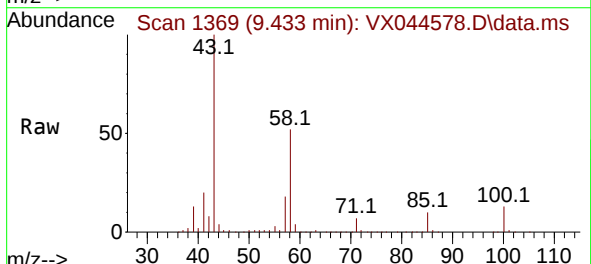
Instrument :
MSVOA_X
ClientSampleId :



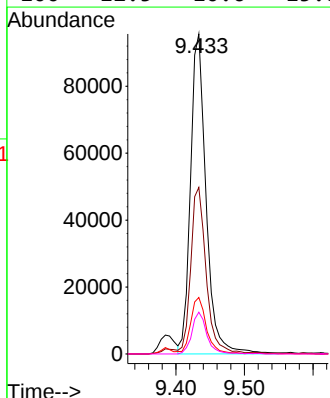
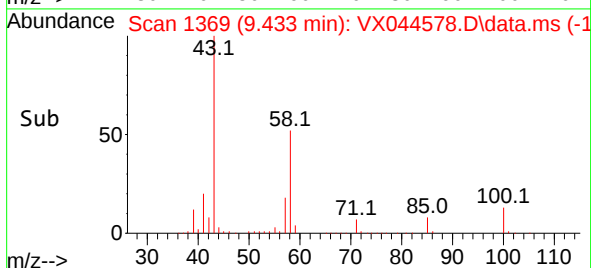
Tgt Ion:164 Resp: 49072
Ion Ratio Lower Upper
164 100
129 93.3 73.6 136.6
131 94.5 70.2 130.4
166 123.2 92.0 170.8

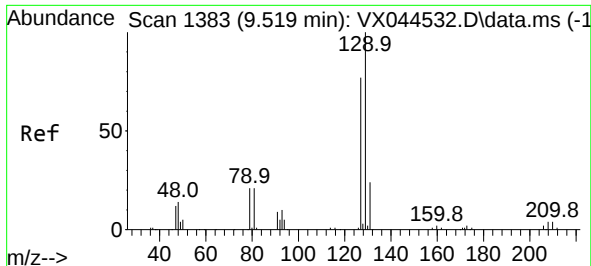


#48
2-Hexanone
Concen: 92.396 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19



Tgt Ion: 43 Resp: 151513
Ion Ratio Lower Upper
43 100
58 49.2 45.4 68.2
57 17.9 15.4 23.0
100 12.5 10.6 15.8





#49

Dibromochloromethane

Concen: 50.488 ug/L

RT: 9.519 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

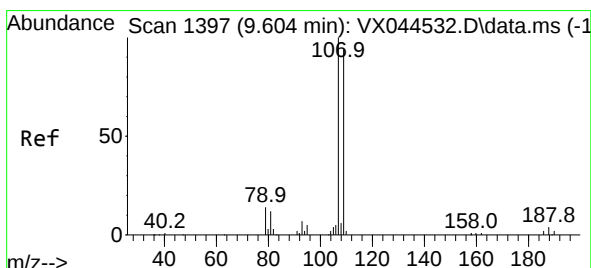
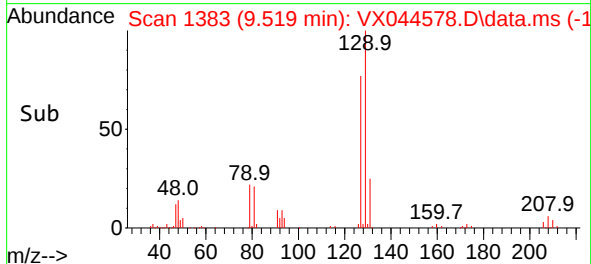
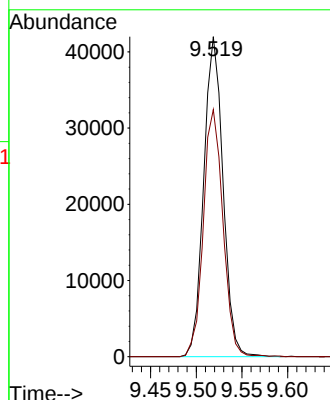
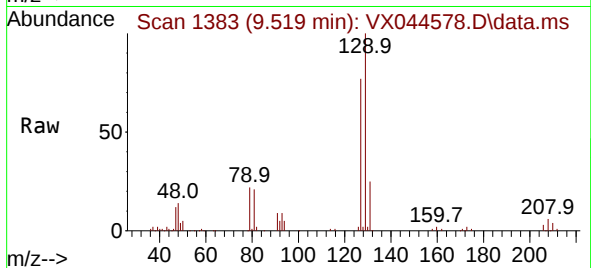
ClientSampleId :

Tgt Ion:129 Resp: 61522

Ion Ratio Lower Upper

129 100

127 77.2 53.5 99.5



#50

1,2-Dibromoethane

Concen: 48.177 ug/L

RT: 9.604 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

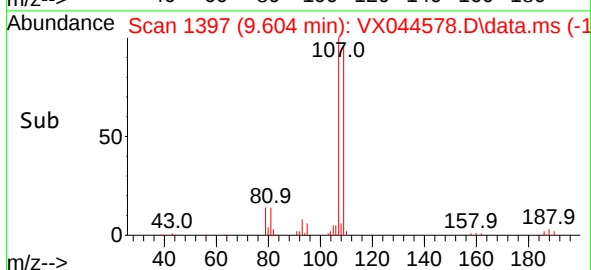
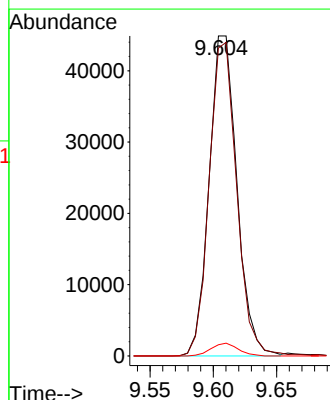
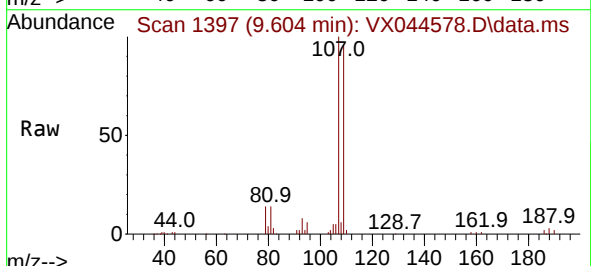
Tgt Ion:107 Resp: 68590

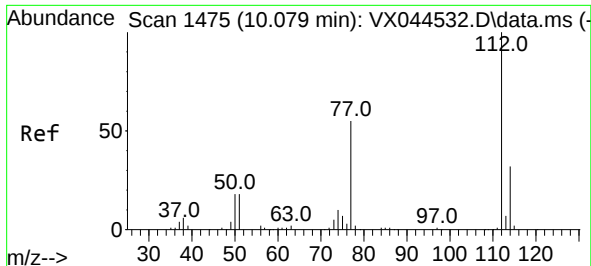
Ion Ratio Lower Upper

107 100

109 96.3 65.5 121.7

188 3.5 2.6 4.0

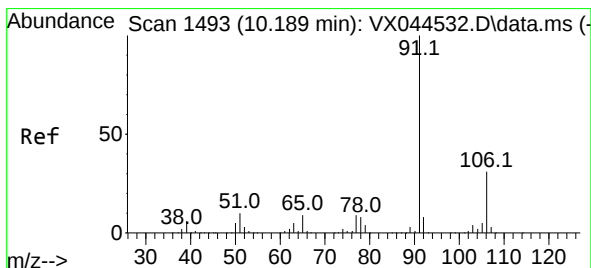
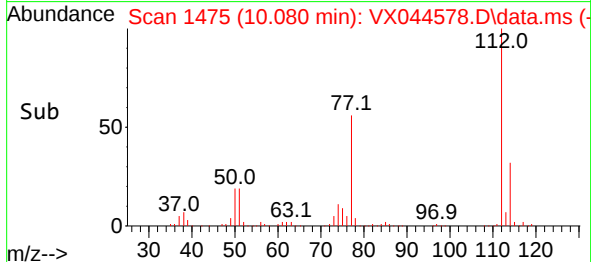
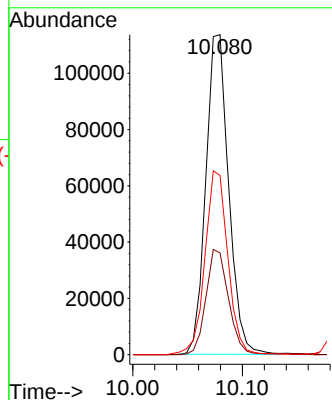
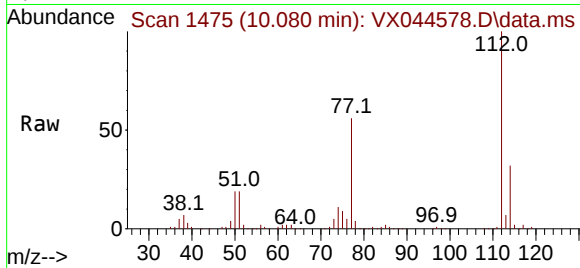




#51
Chlorobenzene
Concen: 48.294 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

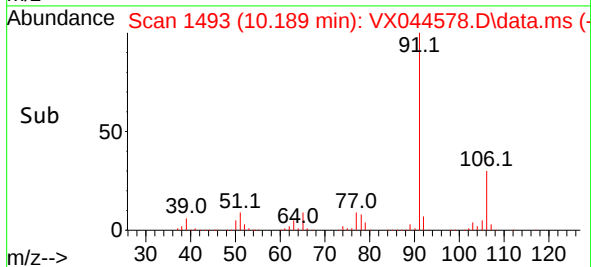
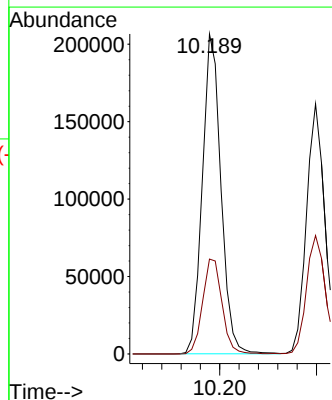
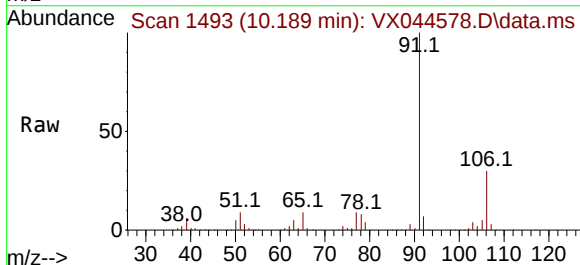
Instrument :
MSVOA_X
ClientSampleId :

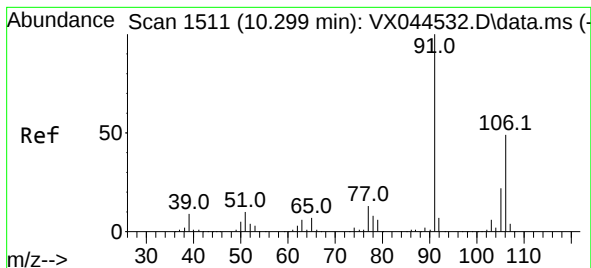
Tgt Ion:112 Resp: 164476
Ion Ratio Lower Upper
112 100
114 31.8 22.9 42.5
77 56.0 48.0 72.0



#52
Ethylbenzene
Concen: 47.271 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044578.D
Acq: 31 Dec 2024 14:19

Tgt Ion: 91 Resp: 276411
Ion Ratio Lower Upper
91 100
106 29.7 21.1 39.1





#53

m,p-Xylene

Concen: 49.524 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

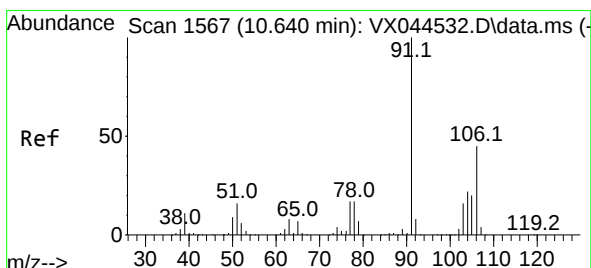
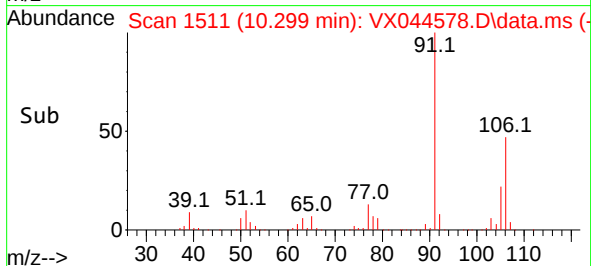
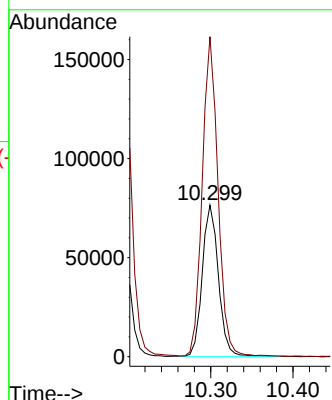
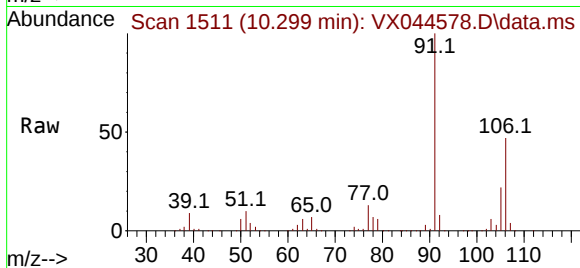
ClientSampleId :

Tgt Ion:106 Resp: 104888

Ion Ratio Lower Upper

106 100

91 211.2 147.5 273.9



#54

o-Xylene

Concen: 49.038 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044578.D

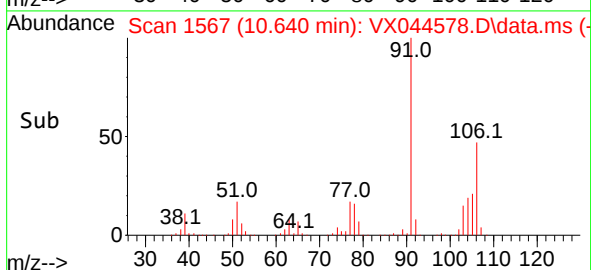
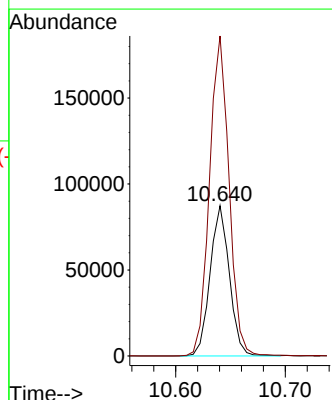
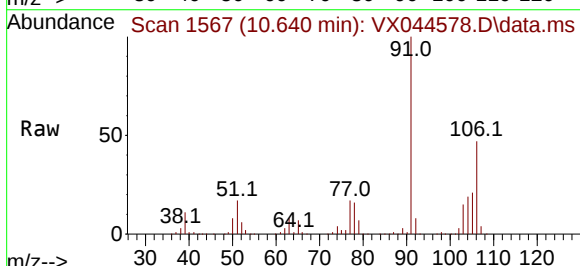
Acq: 31 Dec 2024 14:19

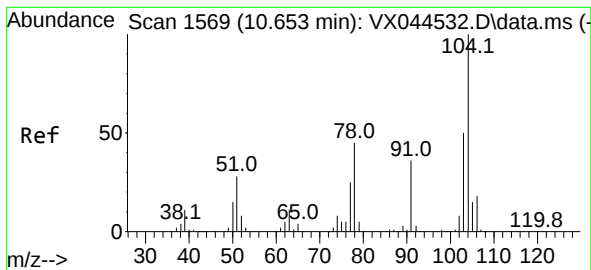
Tgt Ion:106 Resp: 106799

Ion Ratio Lower Upper

106 100

91 213.0 153.7 285.5





#55

Styrene

Concen: 49.357 ug/L

RT: 10.653 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

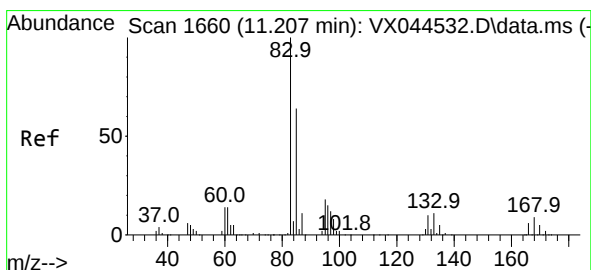
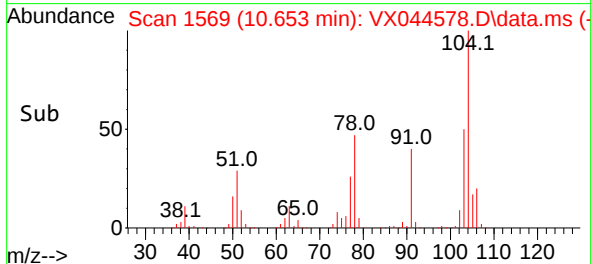
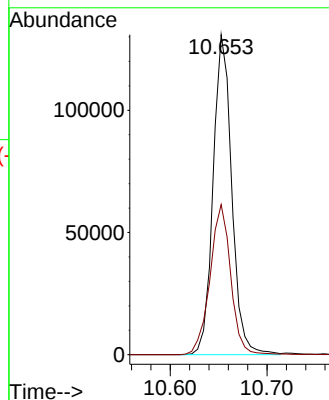
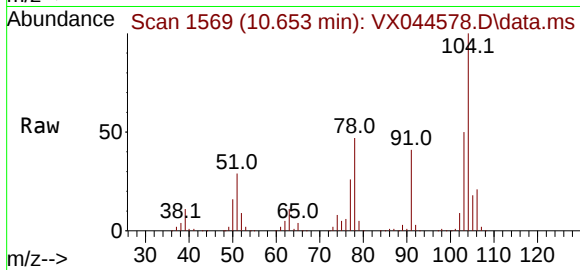
ClientSampleId :

Tgt Ion:104 Resp: 175322

Ion Ratio Lower Upper

104 100

78 46.9 32.8 60.8



#57

1,1,2,2-Tetrachloroethane

Concen: 50.672 ug/L

RT: 11.207 min Scan# 1660

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

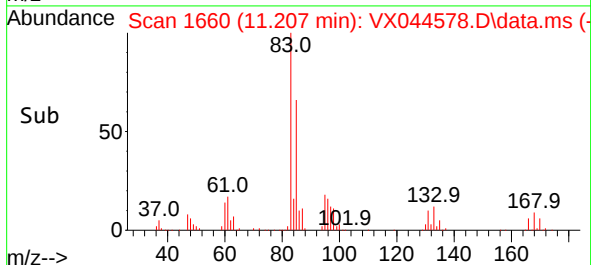
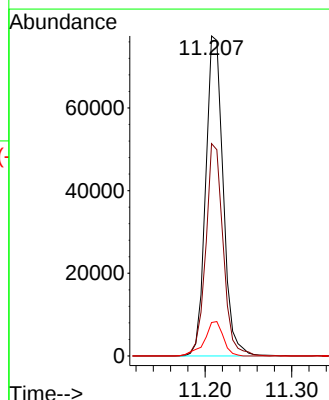
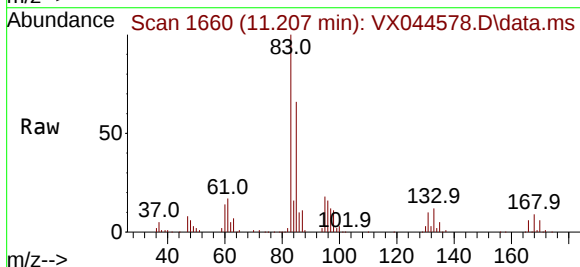
Tgt Ion: 83 Resp: 108367

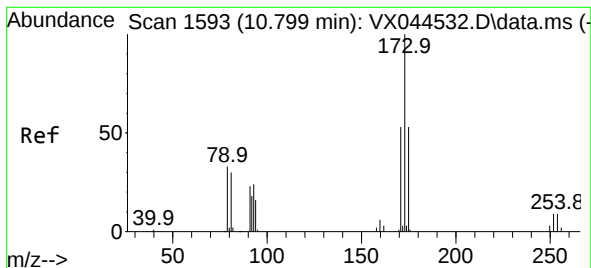
Ion Ratio Lower Upper

83 100

85 66.4 46.0 85.4

131 10.4 8.8 13.2





#59

Bromoform

Concen: 48.244 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044578.D

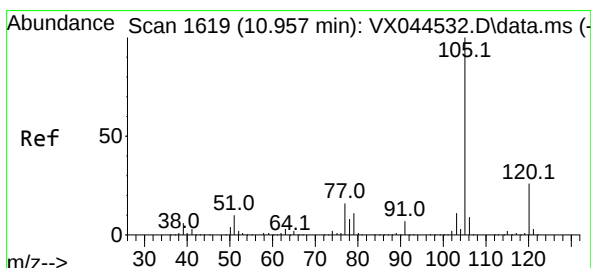
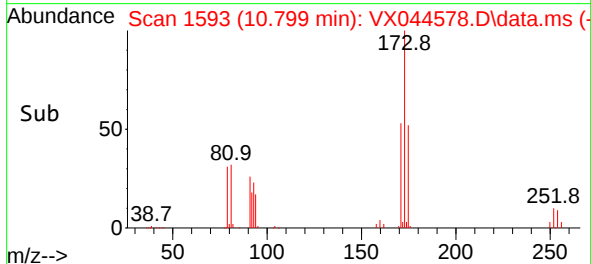
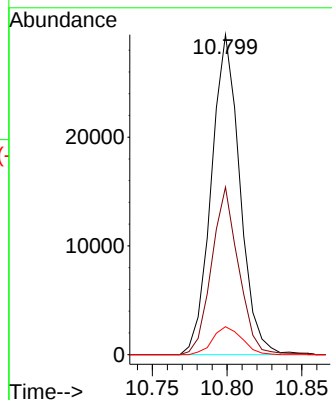
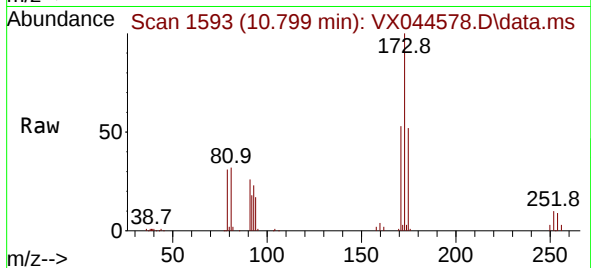
Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:173	Resp:	39076
Ion Ratio	Lower	Upper
173	100	
175	49.7	40.0 60.0
254	9.0	6.3 9.5



#60

Isopropylbenzene

Concen: 45.073 ug/L

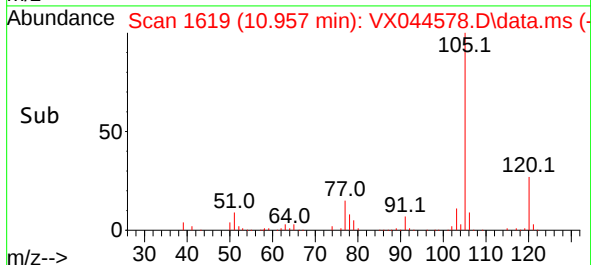
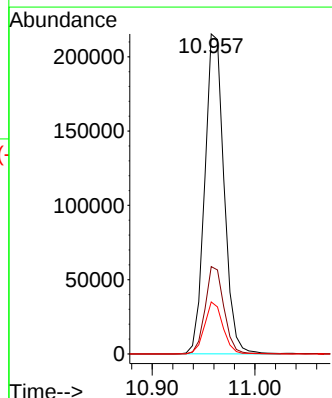
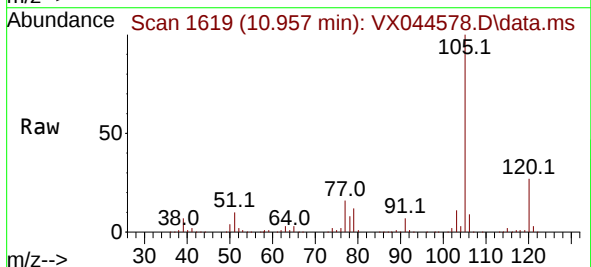
RT: 10.957 min Scan# 1619

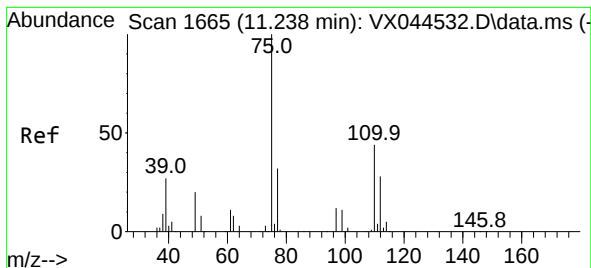
Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Tgt Ion:105	Resp:	280760
Ion Ratio	Lower	Upper
105	100	
120	26.7	20.6 31.0
77	15.7	13.4 20.0





#61

1,2,3-Trichloropropane

Concen: 44.198 ug/L

RT: 11.238 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

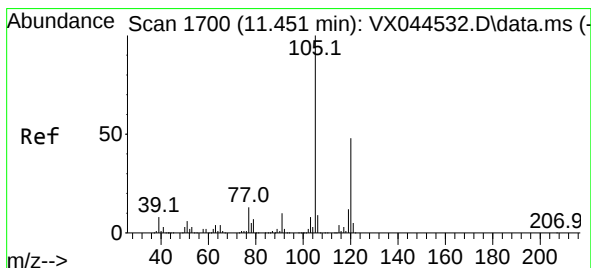
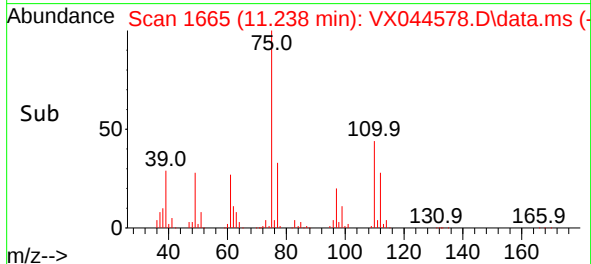
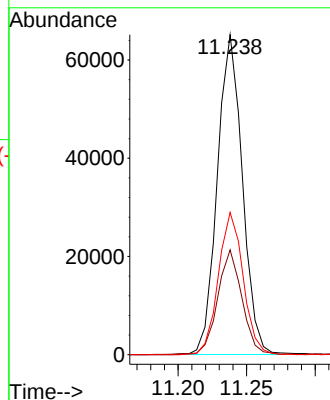
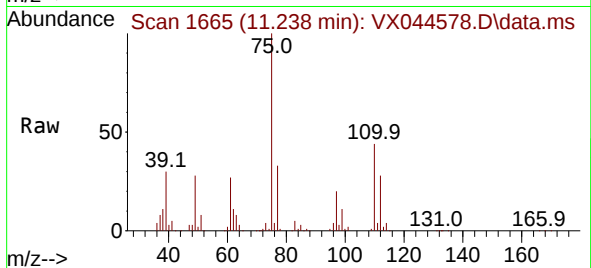
Tgt Ion: 75 Resp: 82634

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6

110 44.1 33.3 49.9



#62

1,3,5-Trimethylbenzene

Concen: 44.375 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044578.D

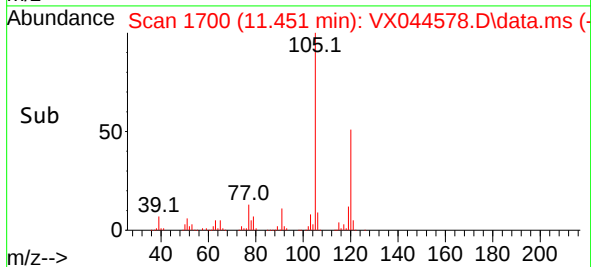
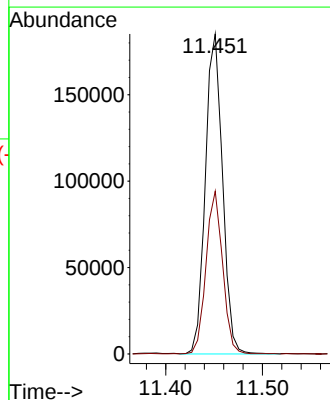
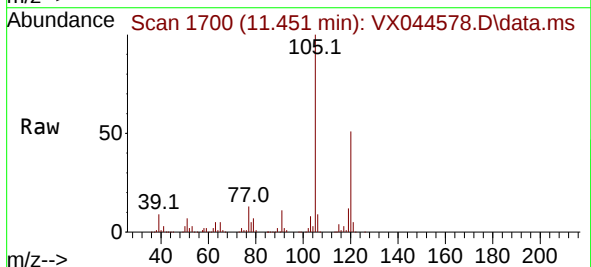
Acq: 31 Dec 2024 14:19

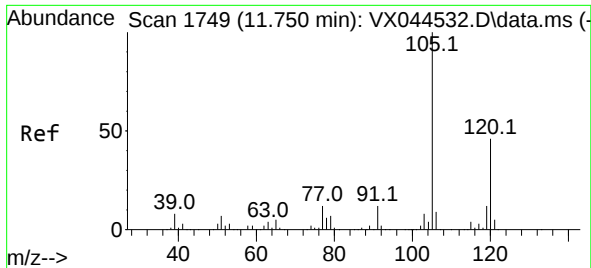
Tgt Ion:105 Resp: 229387

Ion Ratio Lower Upper

105 100

120 49.1 38.2 57.4

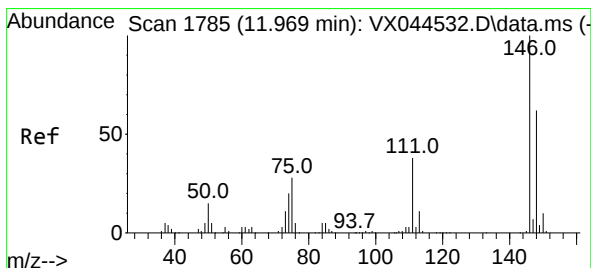
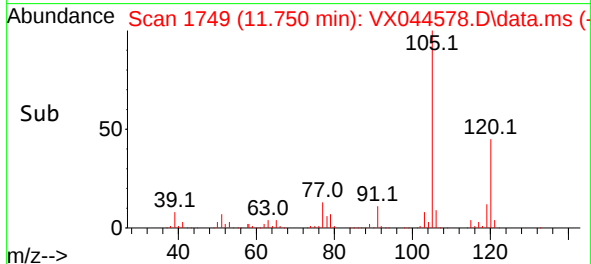
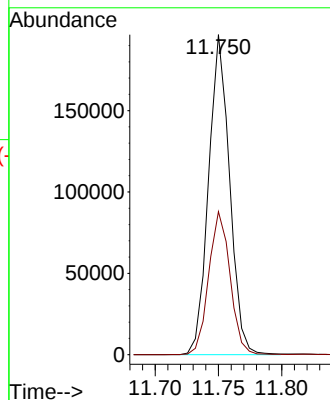
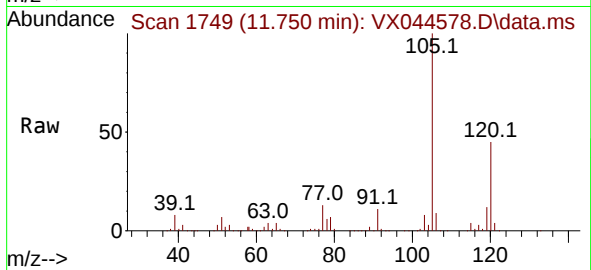




#63
 1,2,4-Trimethylbenzene
 Concen: 44.835 ug/L
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

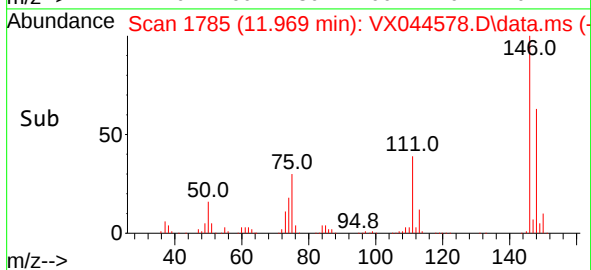
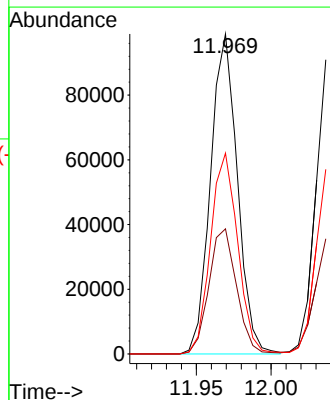
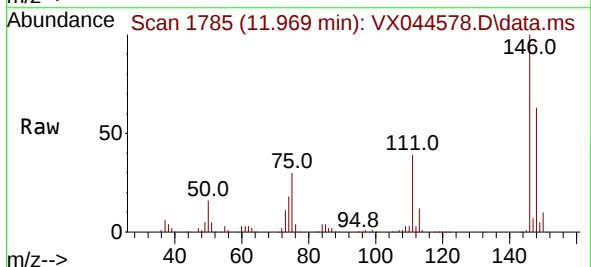
Instrument :
 MSVOA_X
 ClientSampleId :

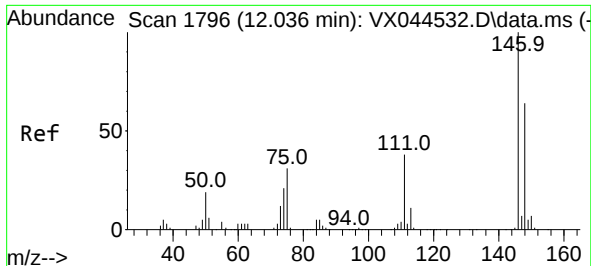
Tgt Ion:105 Resp: 227459
 Ion Ratio Lower Upper
 105 100
 120 45.2 34.5 51.7



#64
 1,3-Dichlorobenzene
 Concen: 47.792 ug/L
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

Tgt Ion:146 Resp: 123461
 Ion Ratio Lower Upper
 146 100
 111 39.1 28.8 53.4
 148 62.7 46.1 85.5





#65

1,4-Dichlorobenzene

Concen: 47.727 ug/L

RT: 12.043 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

MSVOA_X

ClientSampleId :

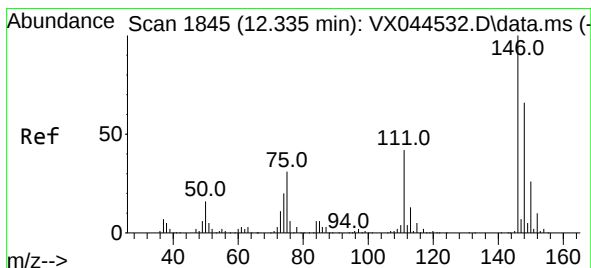
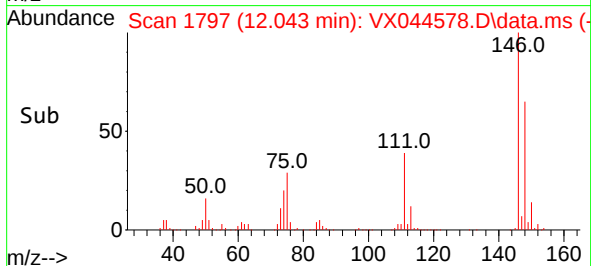
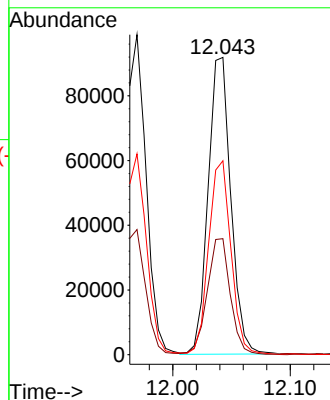
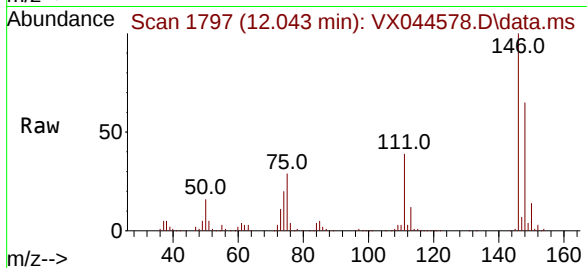
Tgt Ion:146 Resp: 123378

Ion Ratio Lower Upper

146 100

111 39.0 29.5 54.7

148 65.2 43.2 80.2



#67

1,2-Dichlorobenzene

Concen: 49.862 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

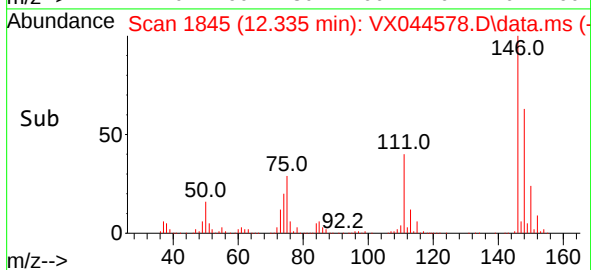
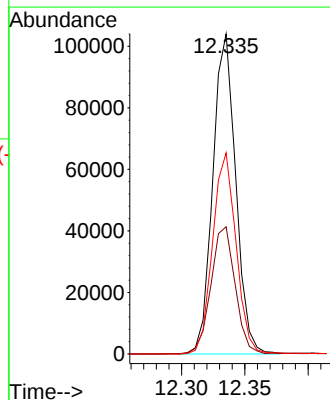
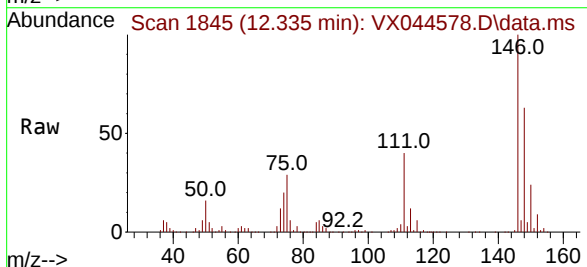
Tgt Ion:146 Resp: 130785

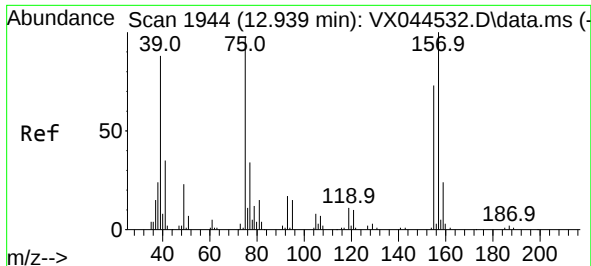
Ion Ratio Lower Upper

146 100

111 39.7 34.3 51.5

148 62.8 52.6 79.0

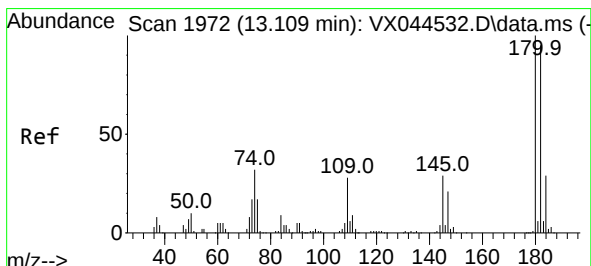
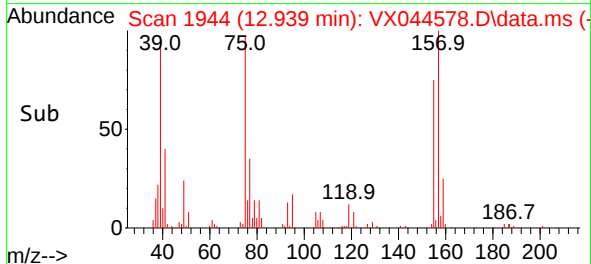
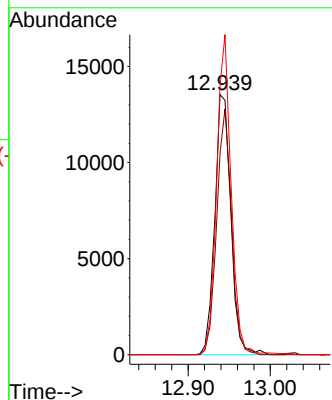
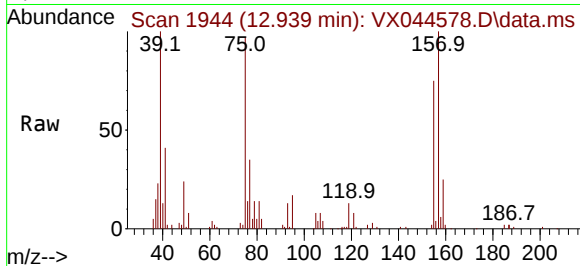




#68
 1,2-Dibromo-3-chloropropane
 Concen: 43.194 ug/L
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

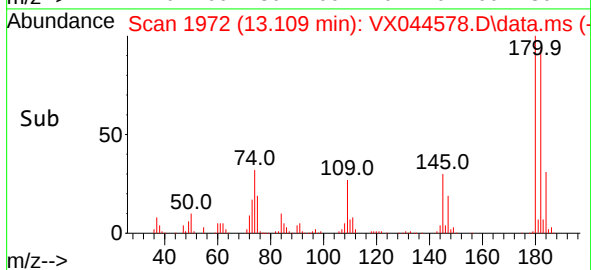
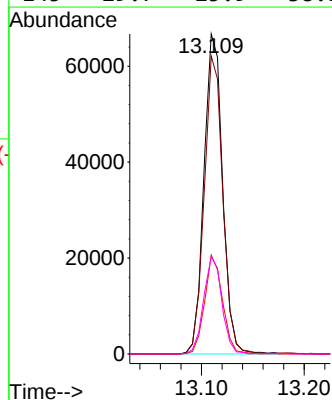
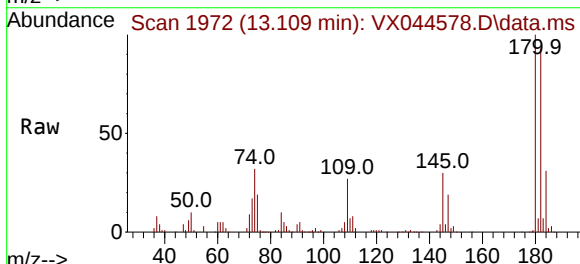
Instrument :
 MSVOA_X
 ClientSampleId :

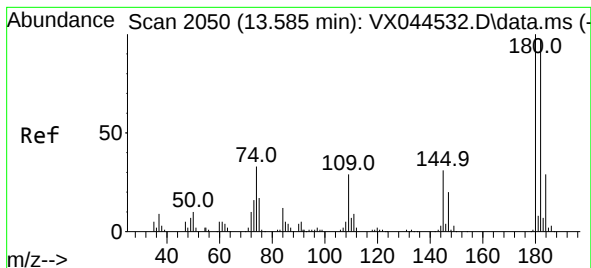
Tgt Ion: 75 Resp: 18354
 Ion Ratio Lower Upper
 75 100
 155 77.4 60.5 90.7
 157 103.5 73.5 110.3



#69
 1,3,5-Trichlorobenzene
 Concen: 52.314 ug/L
 RT: 13.109 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

Tgt Ion: 180 Resp: 84317
 Ion Ratio Lower Upper
 180 100
 182 92.6 76.7 115.1
 184 29.6 24.2 36.4
 145 29.7 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 50.369 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

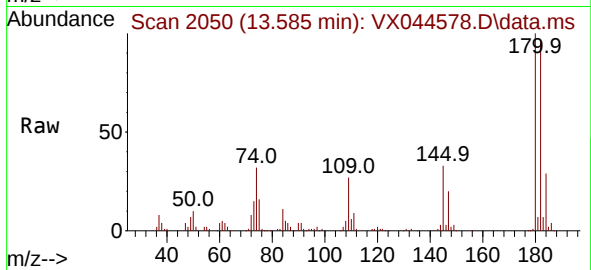
Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Instrument :

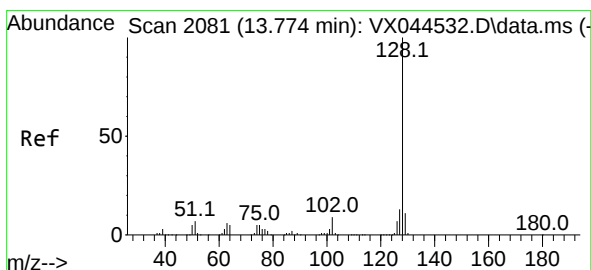
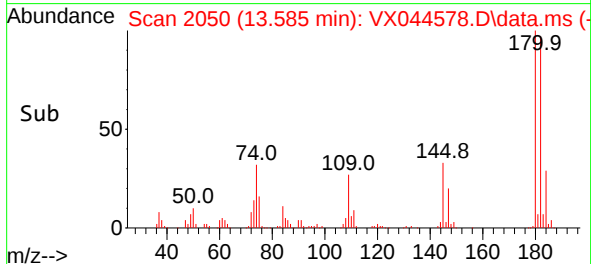
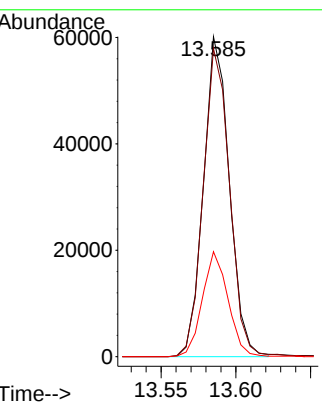
MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 72314

Ion	Ratio	Lower	Upper
180	100		
182	98.3	74.1	111.1
145	32.5	25.3	37.9



#71

Naphthalene

Concen: 45.880 ug/L

RT: 13.774 min Scan# 2081

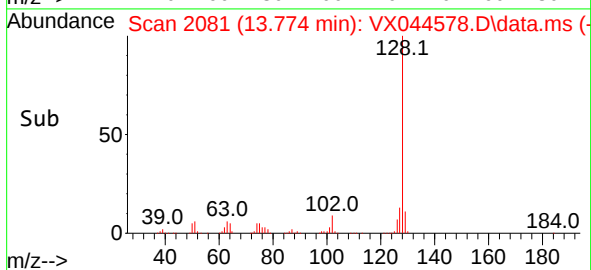
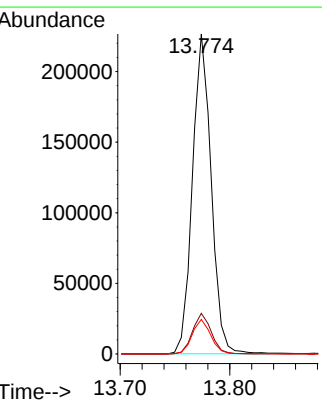
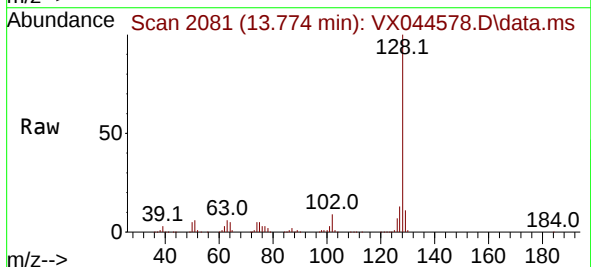
Delta R.T. 0.000 min

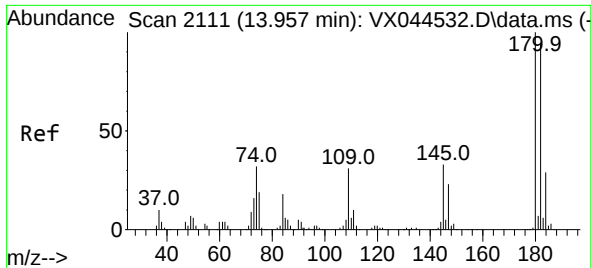
Lab File: VX044578.D

Acq: 31 Dec 2024 14:19

Tgt Ion:128 Resp: 268544

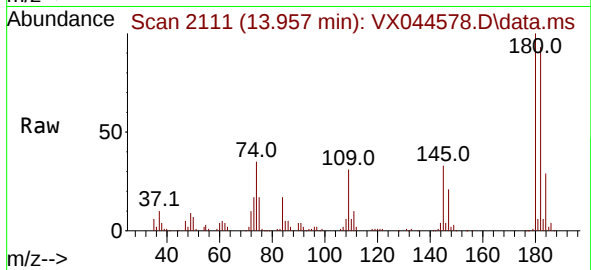
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.8	8.6	13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 51.990 ug/L
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX044578.D
 Acq: 31 Dec 2024 14:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 79292
 Ion Ratio Lower Upper
 180 100
 182 95.2 73.8 110.6
 145 32.5 27.4 41.2

