

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
 Data File : VX044277.D
 Acq On : 13 Dec 2024 13:15
 Operator : JC/MD
 Sample : P5252-06MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F7J20MS

Quant Time: Dec 13 22:48:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	203490	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	182722	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	83973	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	78821	42.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.660%
7) Chloroethane-d5	1.648	69	61738	42.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.294	65	32383	40.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.320%
21) 2-Butanone-d5	4.465	46	111520	97.815	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.810%
24) Chloroform-d	5.056	84	172833	48.882	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	5.946	65	114709	45.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.760%
32) Benzene-d6	5.964	84	295613	46.822	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
36) 1,2-Dichloropropane-d6	7.306	67	94913	48.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.820%
41) Toluene-d8	8.647	98	258953	44.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	8.945	79	43382	46.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.100%
47) 2-Hexanone-d5	9.384	63	74109	96.952	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.950%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130376	49.597	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	93012	47.539	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	82931	50.254	ug/L	100
3) Chloromethane	1.294	50	80302	52.749	ug/L	95
5) Vinyl chloride	1.374	62	84609	51.514	ug/L	93
6) Bromomethane	1.593	94	59279	53.101	ug/L	93
8) Chloroethane	1.666	64	58478	53.781	ug/L	99
9) Trichlorofluoromethane	1.867	101	140557	45.931	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	69375	51.475	ug/L	93
12) 1,1-Dichloroethene	2.306	96	60136	50.130	ug/L #	63
13) Acetone	2.386	43	72663	71.625	ug/L	92
14) Carbon disulfide	2.502	76	101493	44.661	ug/L	99
15) Methyl Acetate	2.703	43	77603	47.172	ug/L	97
16) Methylene chloride	2.782	84	73457	53.212	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	62645	50.141	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	252942	50.173	ug/L	97
19) 1,1-Dichloroethane	3.605	63	134935	51.482	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	78939	51.684	ug/L	93
22) 2-Butanone	4.562	43	107697	87.955	ug/L	94
23) Bromochloromethane	4.891	128	39983	53.679	ug/L #	86
25) Chloroform	5.093	83	157883	53.521	ug/L	92

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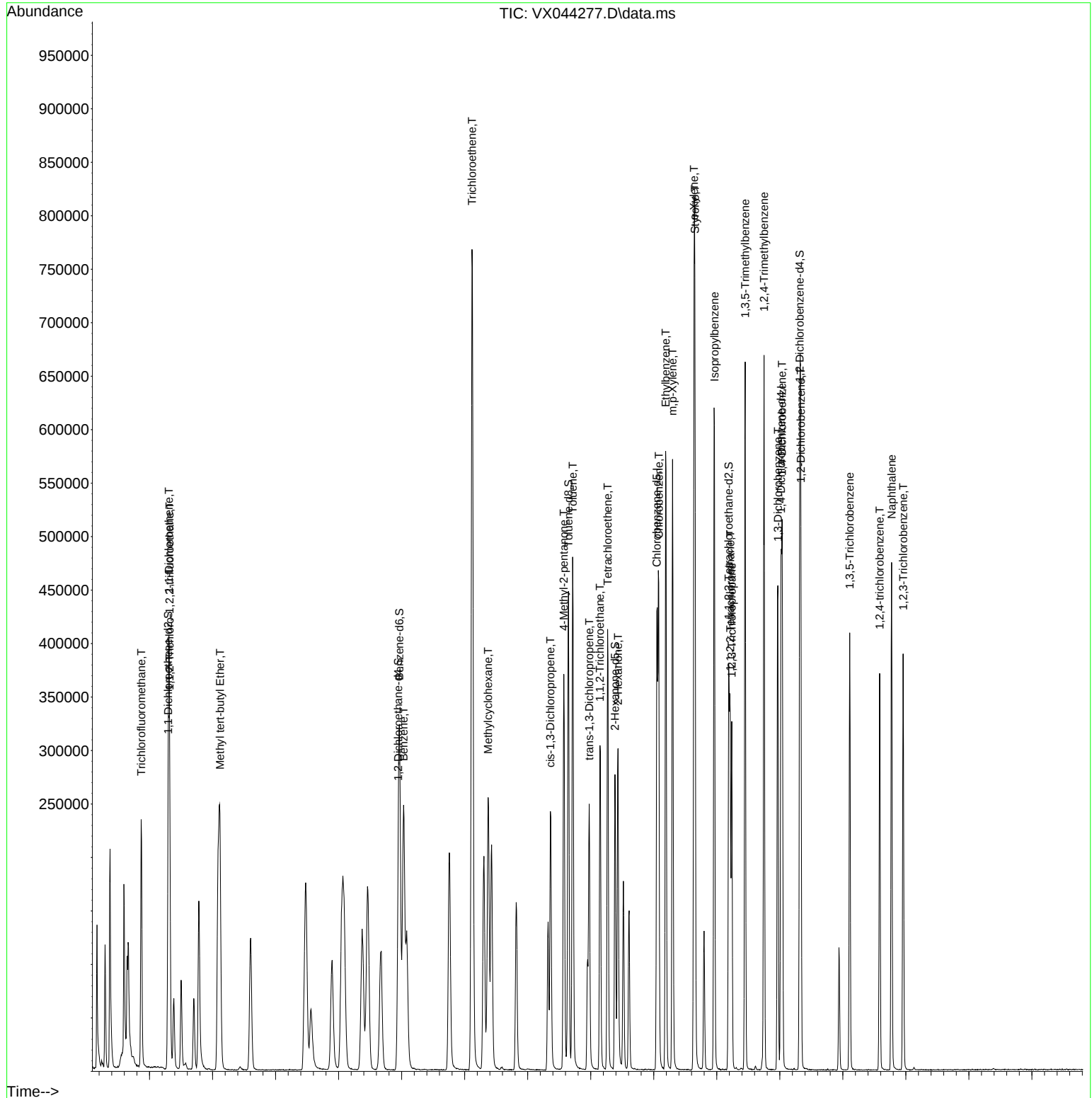
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	128439	52.373	ug/L	97
29) Cyclohexane	5.458	56	112998	49.842	ug/L	97
30) 1,1,1-Trichloroethane	5.373	97	126112	50.844	ug/L	97
31) Carbon tetrachloride	5.666	117	98294	50.594	ug/L	100
33) Benzene	6.031	78	285971	51.538	ug/L	100
34) Trichloroethene	7.117	95	289038	190.796	ug/L	96
35) Methylcyclohexane	7.373	83	111588	50.848	ug/L	98
37) 1,2-Dichloropropane	7.427	63	79633	53.447	ug/L	100
38) Bromodichloromethane	7.818	83	99428	50.935	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	127296	54.548	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	226622	98.247	ug/L	93
42) Toluene	8.714	91	306362	52.109	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	112740	50.969	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	78930	51.695	ug/L	97
46) Tetrachloroethene	9.269	164	69444	68.719	ug/L	96
48) 2-Hexanone	9.433	43	167375	92.159	ug/L	93
49) Dibromochloromethane	9.519	129	70008	51.874	ug/L	98
50) 1,2-Dibromoethane	9.610	107	81760	51.852	ug/L	97
51) Chlorobenzene	10.079	112	195175	51.744	ug/L	99
52) Ethylbenzene	10.189	91	338987	52.344	ug/L	100
53) m,p-Xylene	10.299	106	123164	52.507	ug/L	98
54) o-Xylene	10.640	106	125533	52.043	ug/L	96
55) Styrene	10.652	104	207633	52.778	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	121119	51.136	ug/L	98
59) Bromoform	10.799	173	42746	50.733	ug/L	95
60) Isopropylbenzene	10.963	105	333318	51.440	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	94171	48.419	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	272919	50.752	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	269196	51.008	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	134909	50.202	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	136240	50.662	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	141024	51.684	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	19978	45.196	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	83603	49.863	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	75056	50.256	ug/L	99
71) Naphthalene	13.774	128	275773	45.292	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	76793	48.402	ug/L	96

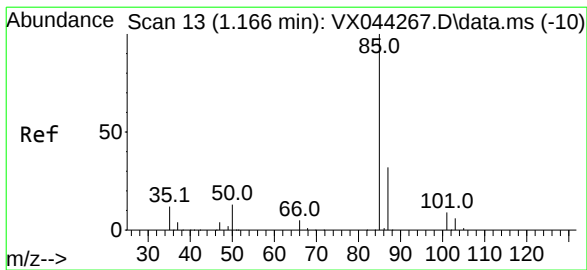
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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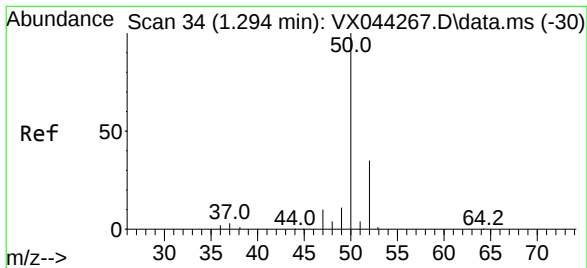
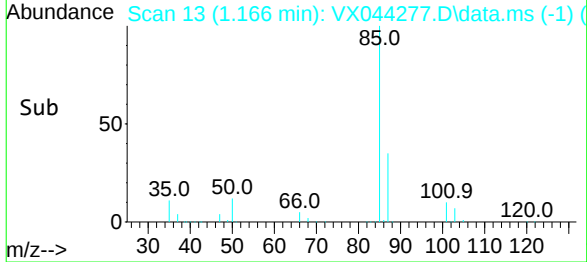
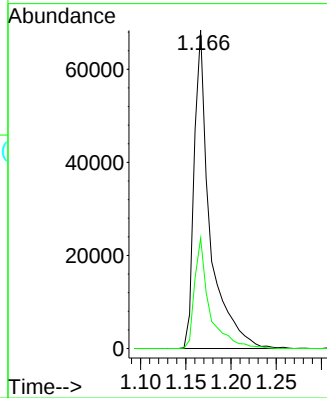
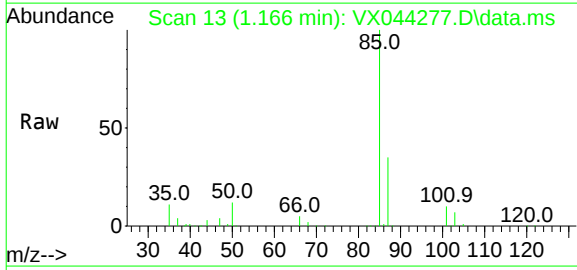




#2
 Dichlorodifluoromethane
 Concen: 50.254 ug/L
 RT: 1.166 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX044277.D
 Acq: 13 Dec 2024 13:15

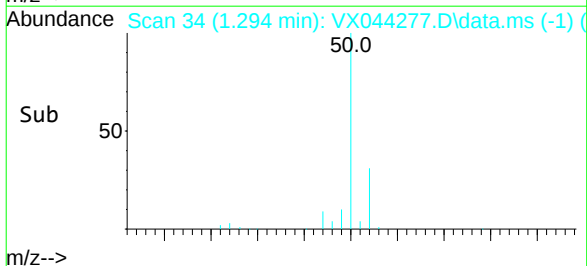
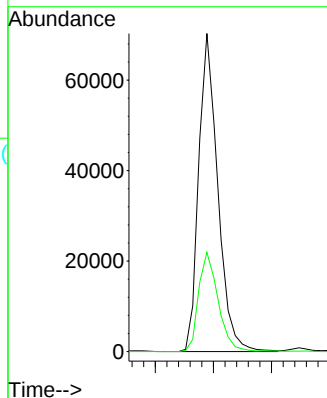
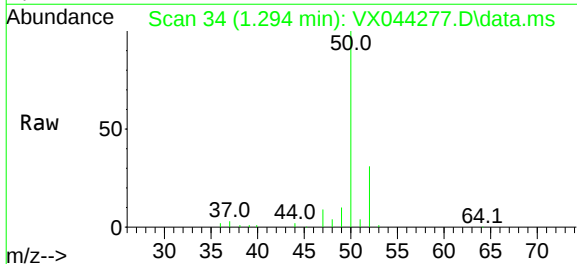
Instrument :
 MSVOA_X
 ClientSampleId :
 F7J20MS

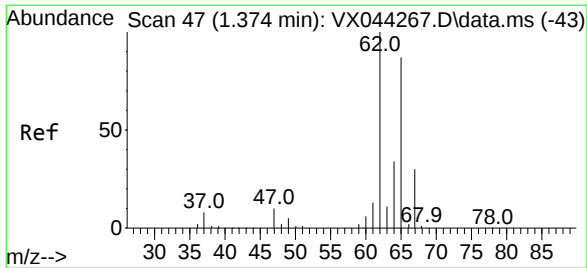
Tgt Ion: 85 Resp: 82931
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.1 39.1



#3
 Chloromethane
 Concen: 52.749 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX044277.D
 Acq: 13 Dec 2024 13:15

Tgt Ion: 50 Resp: 80302
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.9 44.3

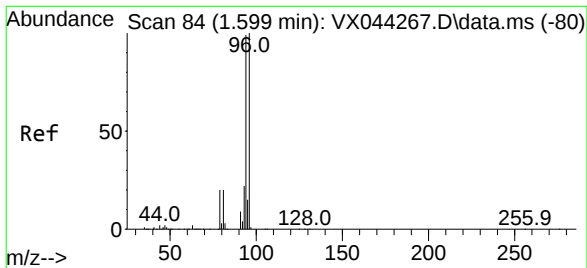
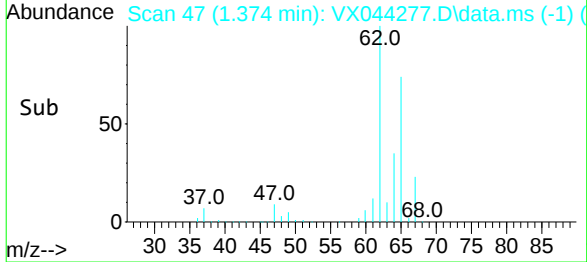
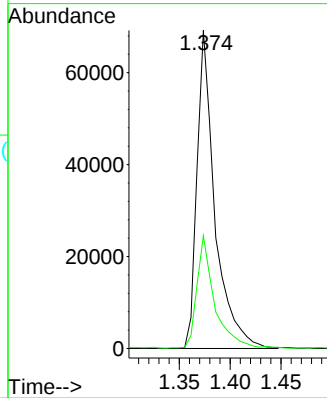
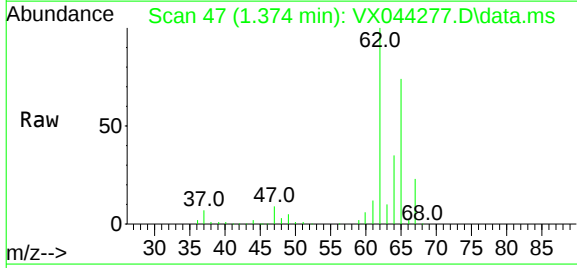




#5
 Vinyl chloride
 Concen: 51.514 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX044277.D
 Acq: 13 Dec 2024 13:15

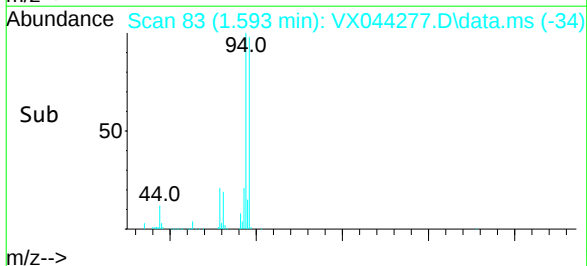
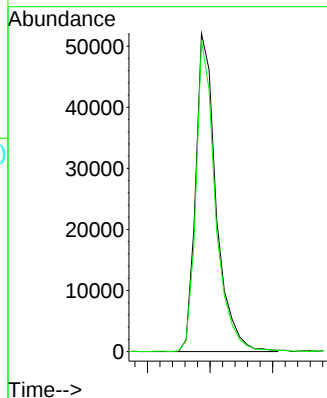
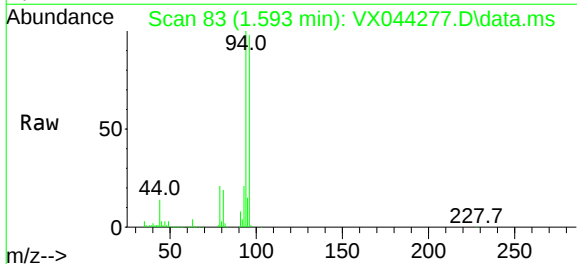
Instrument :
 MSVOA_X
 ClientSampleId :
 F7J20MS

Tgt Ion: 62 Resp: 84609
 Ion Ratio Lower Upper
 62 100
 64 35.5 22.2 41.2

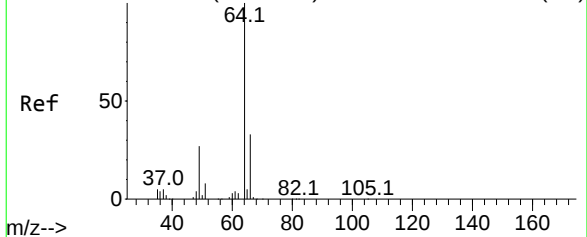


#6
 Bromomethane
 Concen: 53.101 ug/L
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX044277.D
 Acq: 13 Dec 2024 13:15

Tgt Ion: 94 Resp: 59279
 Ion Ratio Lower Upper
 94 100
 96 97.9 64.2 119.2



Abundance Scan 95 (1.666 min): VX044267.D\data.ms (-90)



#8

Chloroethane

Concen: 53.781 ug/L

RT: 1.666 min Scan# 95

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

F7J20MS

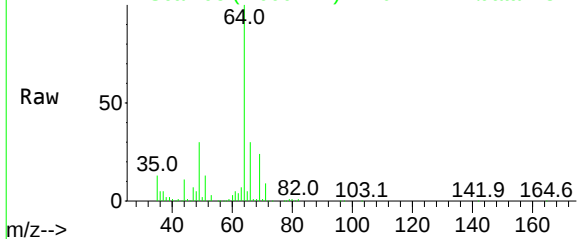
Tgt Ion: 64 Resp: 58478

Ion Ratio Lower Upper

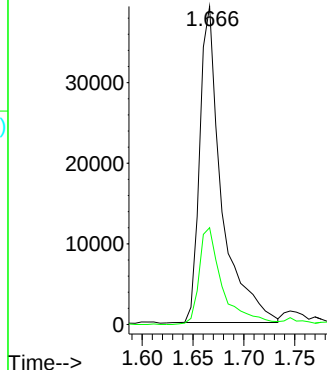
64 100

66 30.4 21.5 39.9

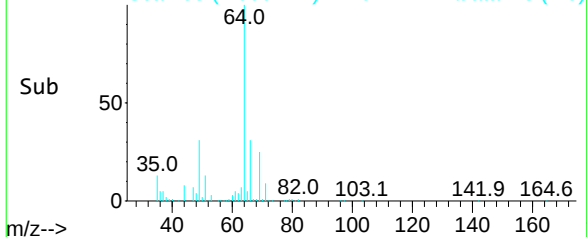
Abundance Scan 95 (1.666 min): VX044277.D\data.ms



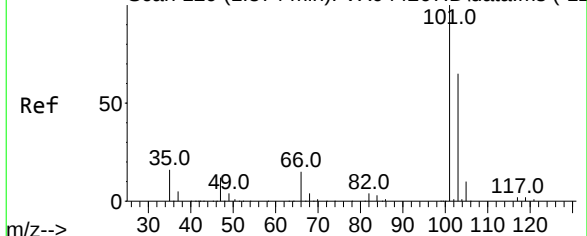
Abundance



Abundance Scan 95 (1.666 min): VX044277.D\data.ms (-29)



Abundance Scan 129 (1.874 min): VX044267.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 45.931 ug/L

RT: 1.867 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

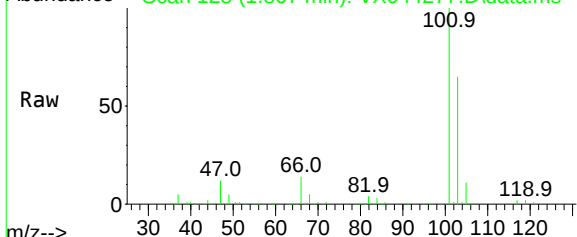
Tgt Ion: 101 Resp: 140557

Ion Ratio Lower Upper

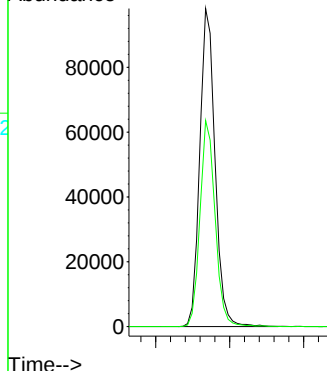
101 100

103 64.2 50.8 76.2

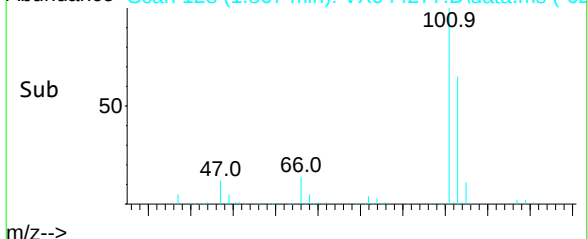
Abundance Scan 128 (1.867 min): VX044277.D\data.ms

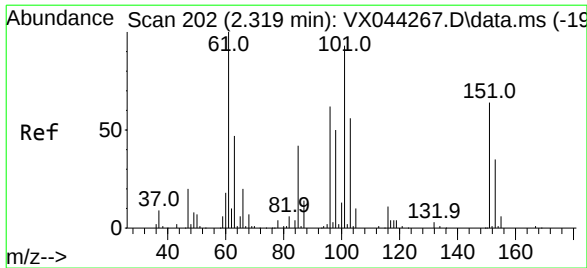


Abundance



Abundance Scan 128 (1.867 min): VX044277.D\data.ms (-62)

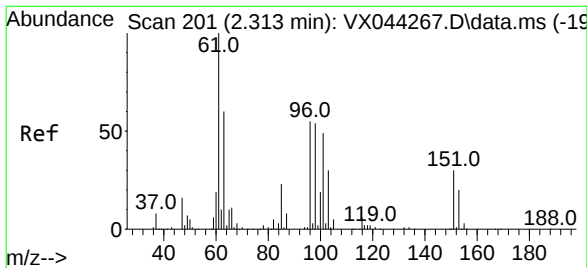
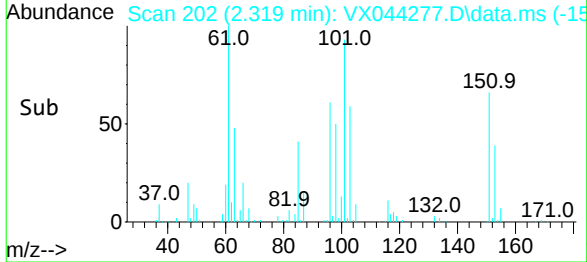
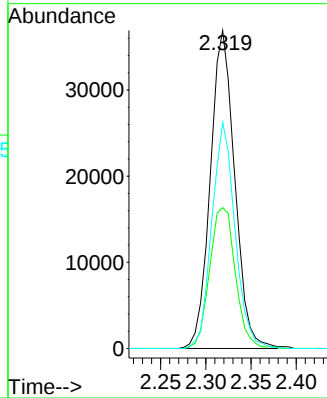
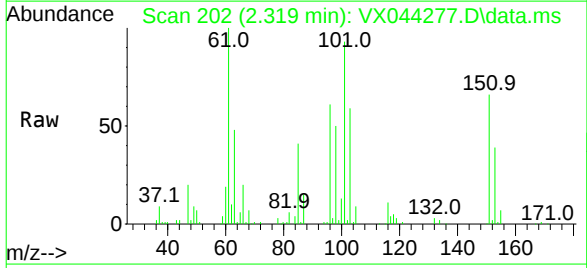




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 51.475 ug/L
RT: 2.319 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

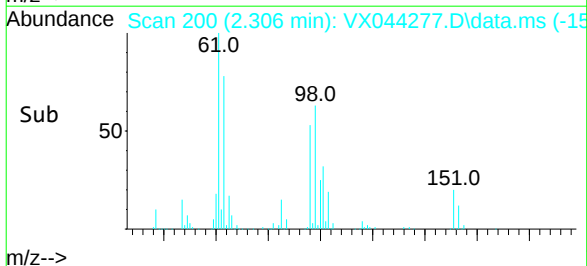
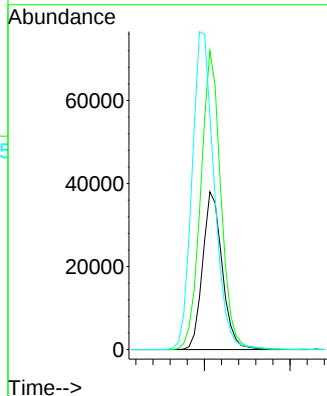
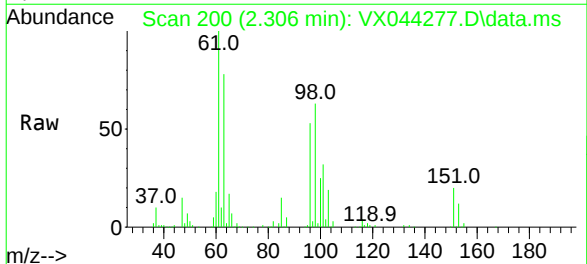
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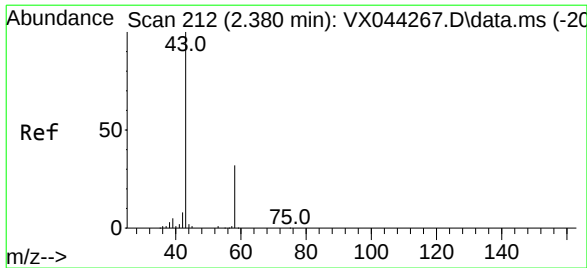
Tgt Ion:	101	Resp:	69375
Ion	Ratio	Lower	Upper
101	100		
85	46.5	33.9	50.9
151	67.6	58.5	87.7



#12
1,1-Dichloroethene
Concen: 50.130 ug/L
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion:	96	Resp:	60136
Ion	Ratio	Lower	Upper
96	100		
61	189.4	109.3	203.1
63	148.2	65.7	122.1





#13

Acetone

Concen: 71.625 ug/L

RT: 2.386 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

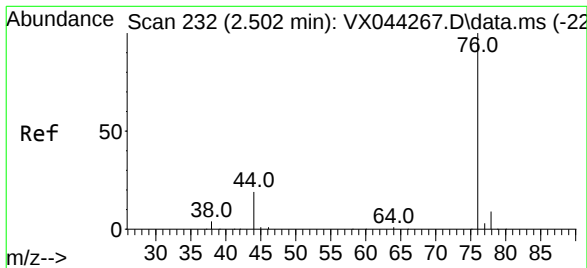
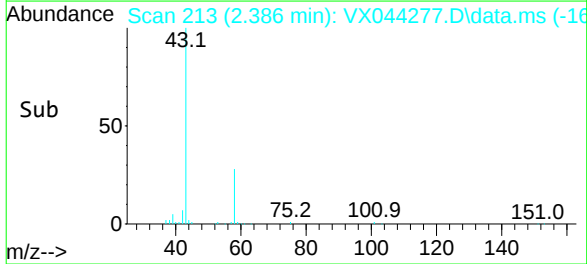
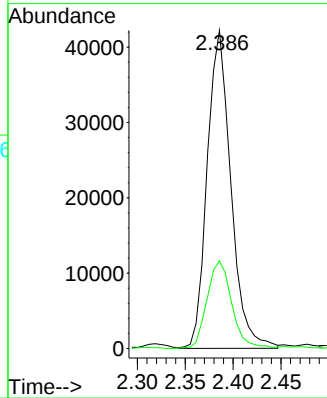
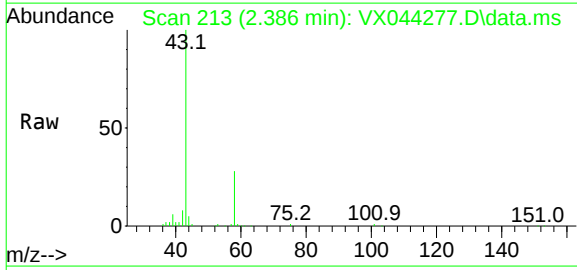
F7J20MS

Tgt Ion: 43 Resp: 72663

Ion Ratio Lower Upper

43 100

58 28.7 0.0 66.0



#14

Carbon disulfide

Concen: 44.661 ug/L

RT: 2.502 min Scan# 232

Delta R.T. 0.000 min

Lab File: VX044277.D

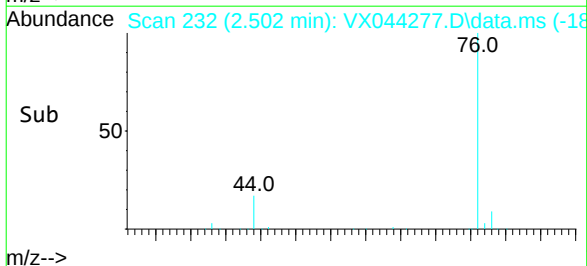
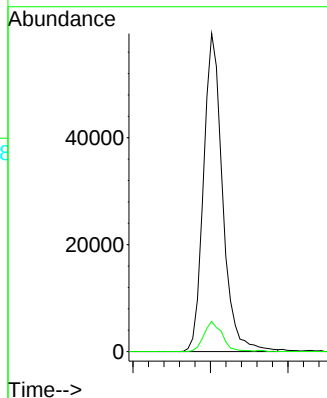
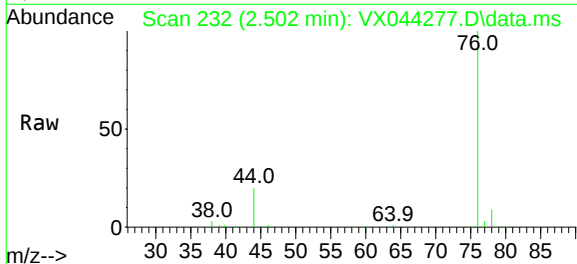
Acq: 13 Dec 2024 13:15

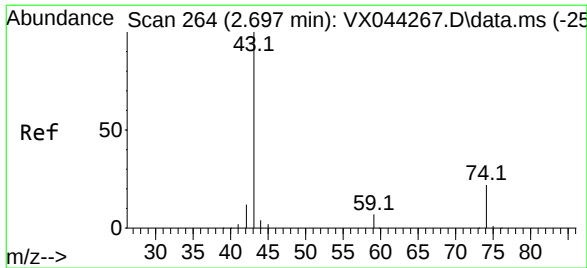
Tgt Ion: 76 Resp: 101493

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8





#15

Methyl Acetate

Concen: 47.172 ug/L

RT: 2.703 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

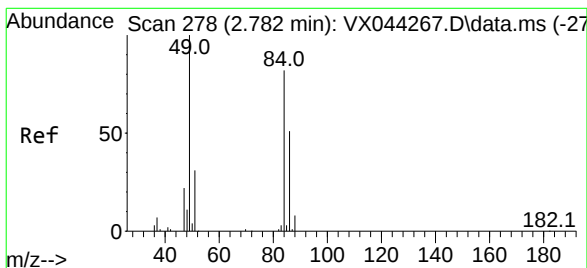
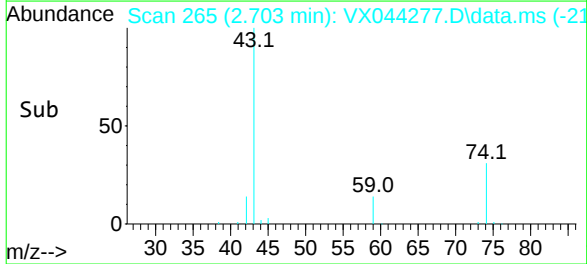
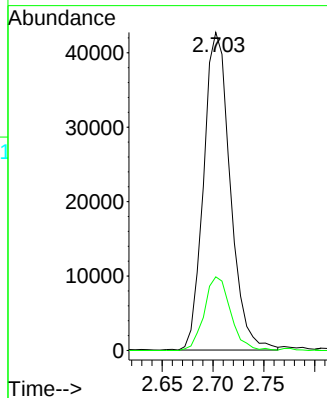
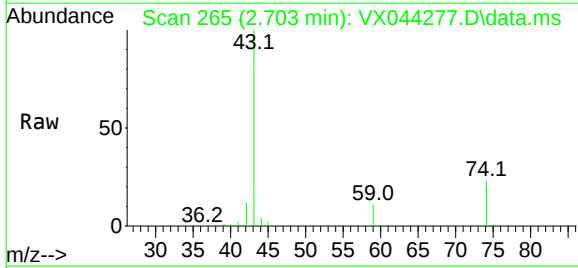
F7J20MS

Tgt Ion: 43 Resp: 77603

Ion Ratio Lower Upper

43 100

74 22.7 19.4 29.2



#16

Methylene chloride

Concen: 53.212 ug/L

RT: 2.782 min Scan# 278

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

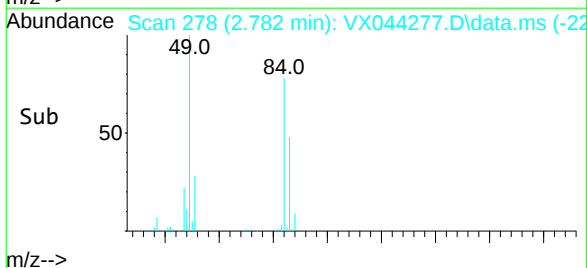
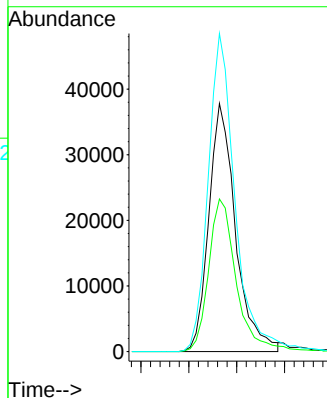
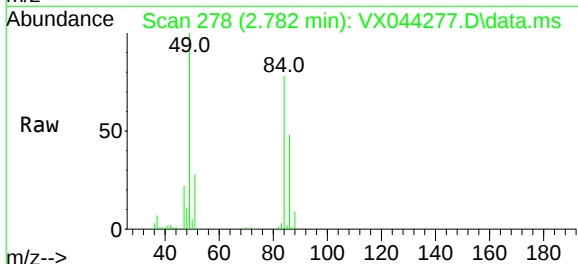
Tgt Ion: 84 Resp: 73457

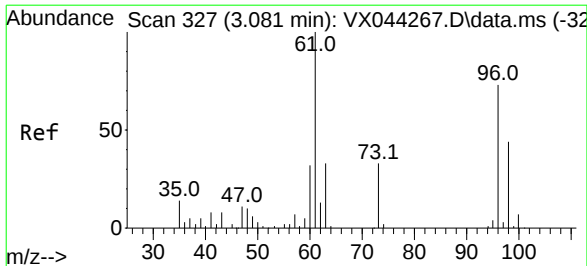
Ion Ratio Lower Upper

84 100

86 61.5 46.0 85.4

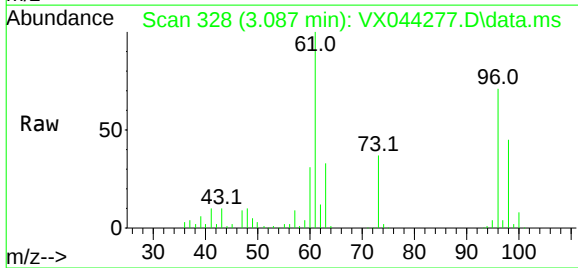
49 128.2 80.8 150.2



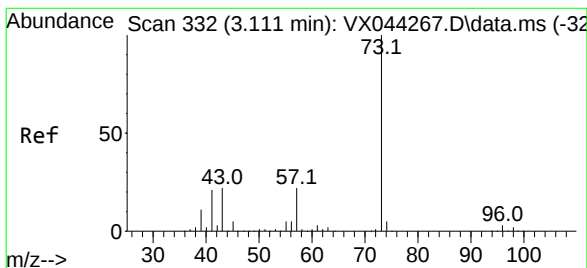
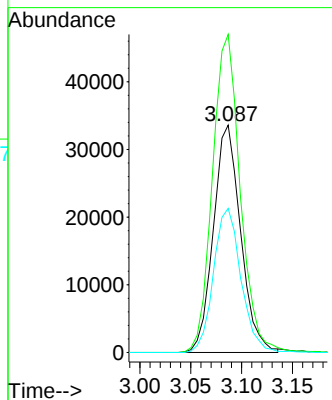
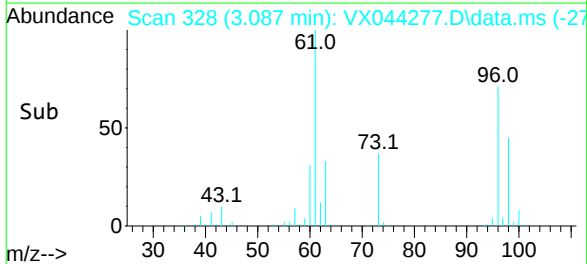


#17
trans-1,2-Dichloroethene
Concen: 50.141 ug/L
RT: 3.087 min Scan# 327
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

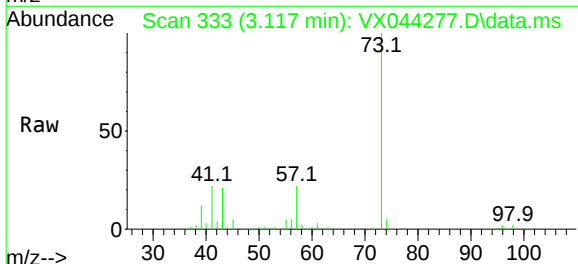
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS



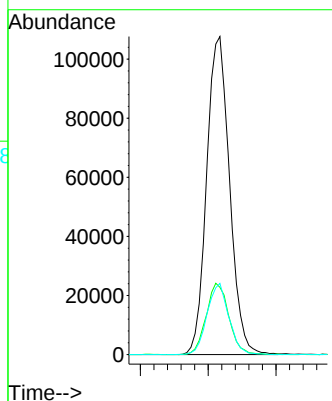
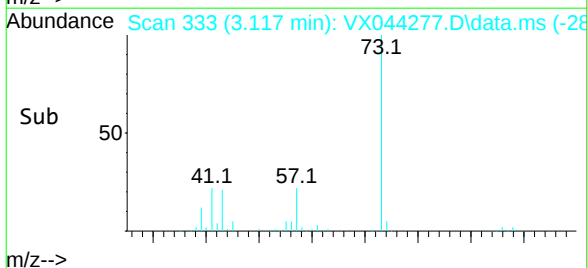
Tgt Ion: 96 Resp: 62645
Ion Ratio Lower Upper
96 100
61 139.9 95.7 177.7
98 63.4 47.2 87.6

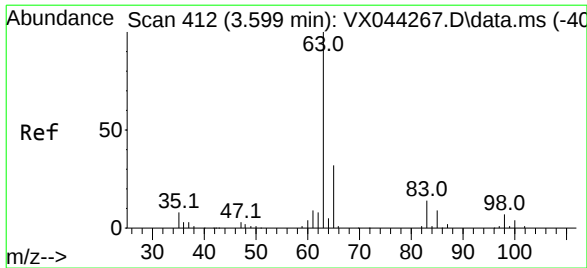


#18
Methyl tert-butyl Ether
Concen: 50.173 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15



Tgt Ion: 73 Resp: 252942
Ion Ratio Lower Upper
73 100
43 22.1 15.2 22.8
57 21.2 17.0 25.6

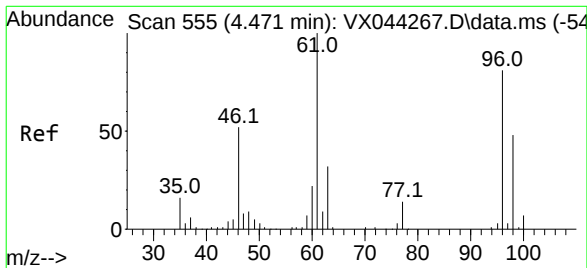
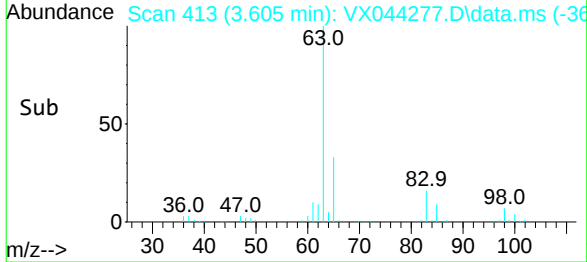
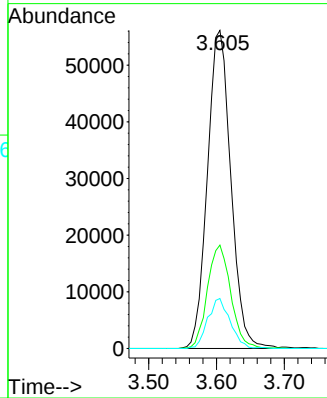
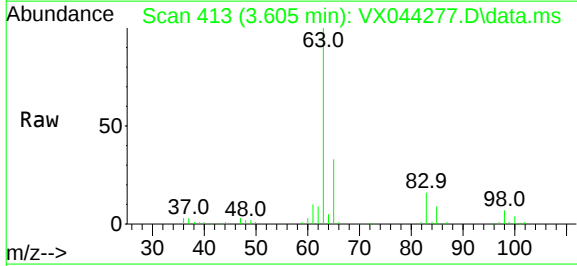




#19
1,1-Dichloroethane
Concen: 51.482 ug/L
RT: 3.605 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

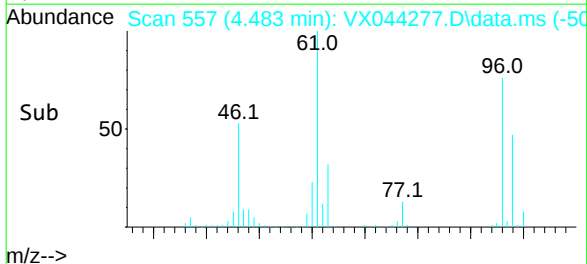
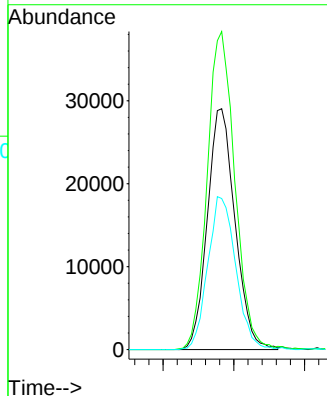
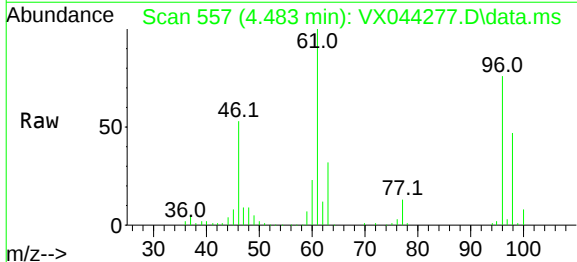
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

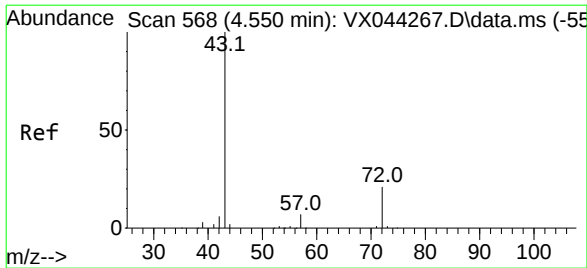
Tgt	Ion: 63	Resp:	134935
Ion	Ratio	Lower	Upper
63	100		
65	32.5	23.2	43.2
83	15.7	10.0	18.6



#20
cis-1,2-Dichloroethene
Concen: 51.684 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion: 96	Resp: 78939
Ion Ratio	Lower Upper
96 100	
61 132.0	85.0 158.0
98 62.7	44.6 82.8

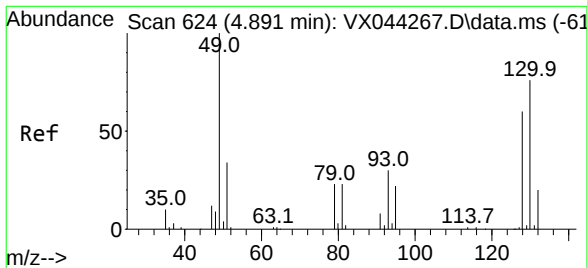
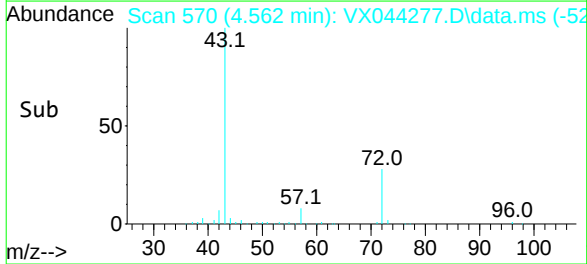
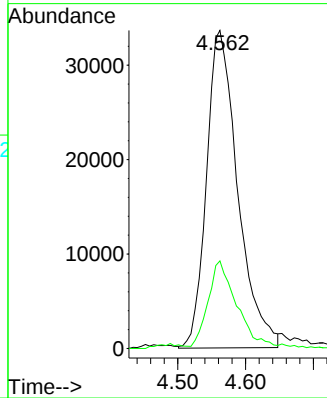
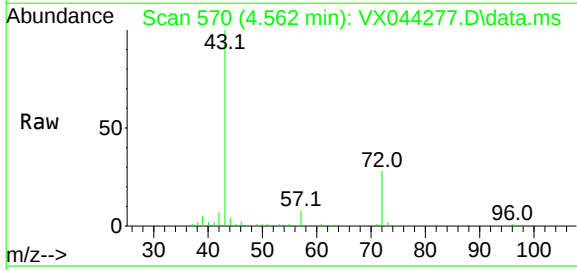




#22
2-Butanone
Concen: 87.955 ug/L
RT: 4.562 min Scan# 57
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

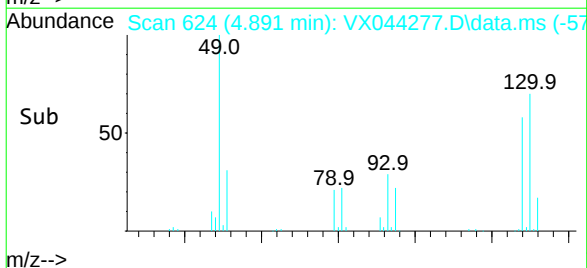
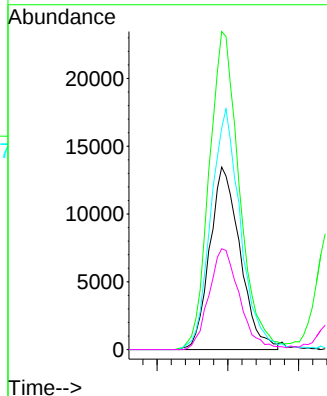
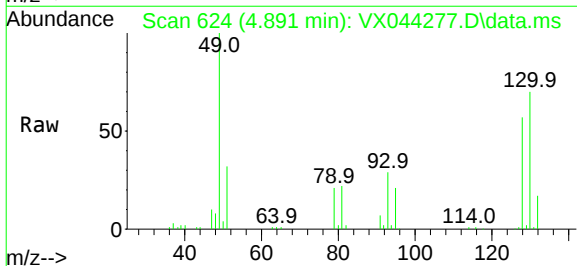
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

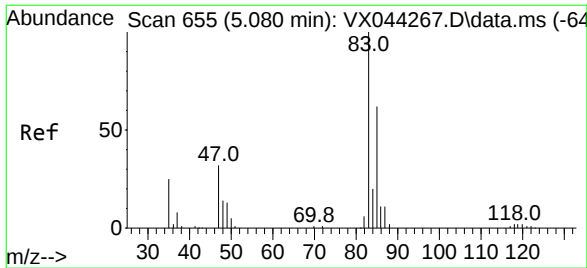
Tgt Ion: 43 Resp: 107697
Ion Ratio Lower Upper
43 100
72 23.1 13.1 39.3



#23
Bromochloromethane
Concen: 53.679 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion: 128 Resp: 39983
Ion Ratio Lower Upper
128 100
49 174.3 103.7 192.5
130 121.3 89.1 165.5
51 55.2 36.6 55.0#

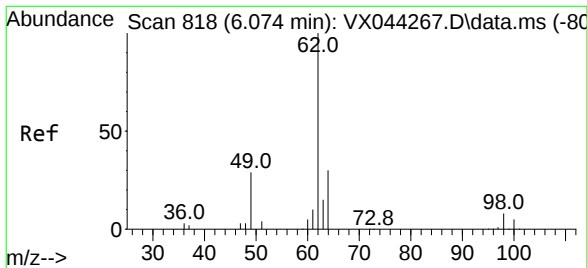
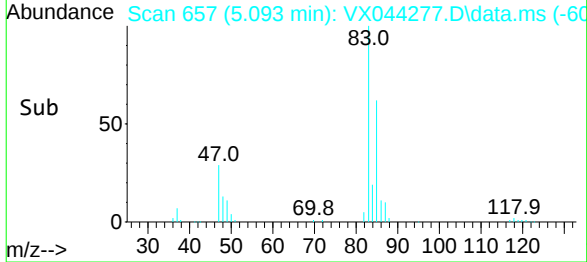
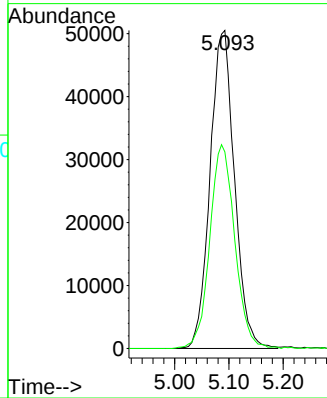
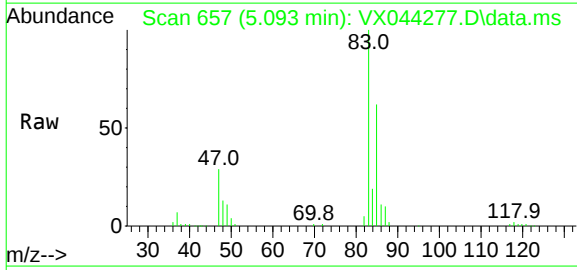




#25
Chloroform
Concen: 53.521 ug/L
RT: 5.093 min Scan# 65
Delta R.T. 0.012 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

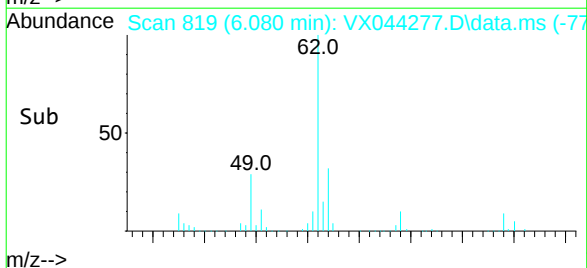
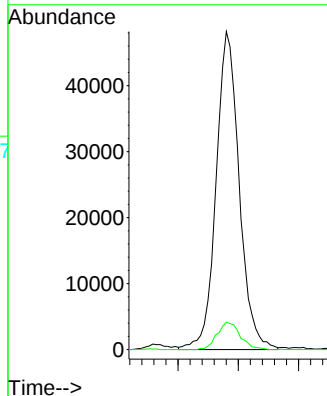
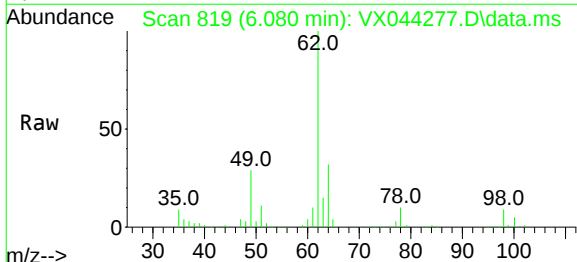
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

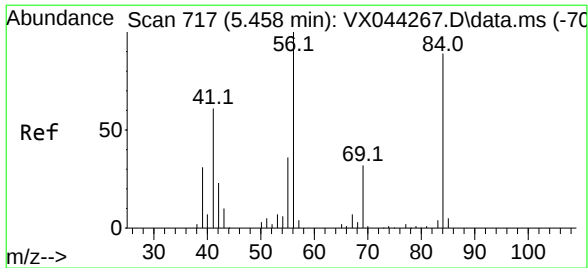
Tgt Ion: 83 Resp: 157883
Ion Ratio Lower Upper
83 100
85 61.8 47.7 88.7



#27
1,2-Dichloroethane
Concen: 52.373 ug/L
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion: 62 Resp: 128439
Ion Ratio Lower Upper
62 100
98 8.7 7.7 11.5

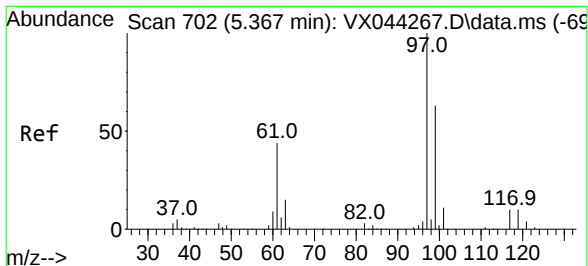
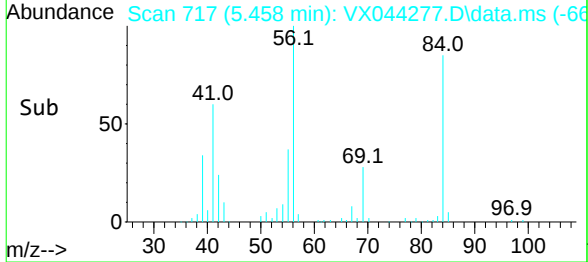
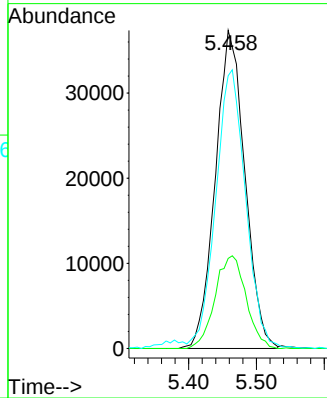
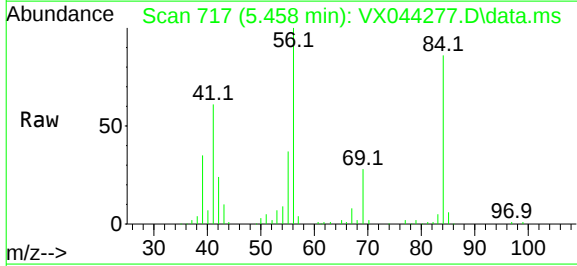




#29
Cyclohexane
Concen: 49.842 ug/L
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

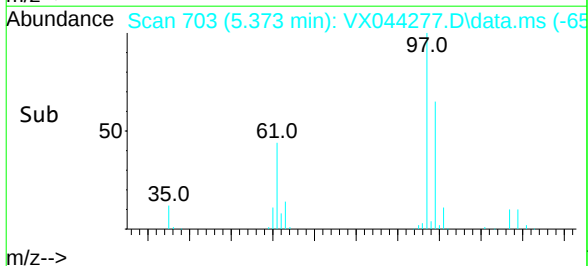
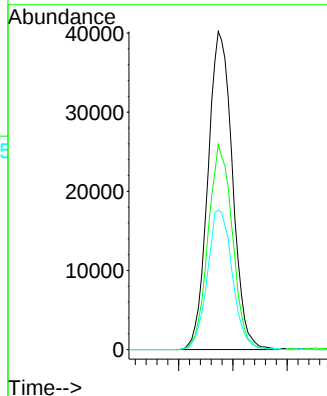
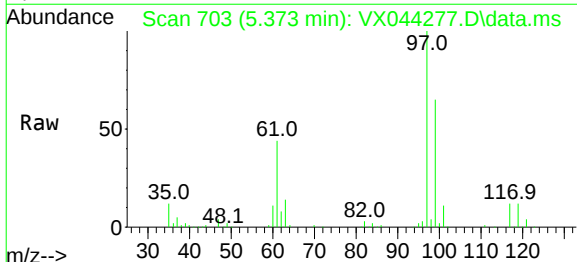
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

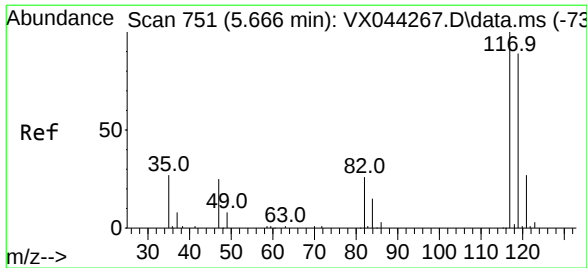
Tgt Ion:	56	Resp:	112998
Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.1	37.7
84	87.8	72.9	109.3



#30
1,1,1-Trichloroethane
Concen: 50.844 ug/L
RT: 5.373 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion:	97	Resp:	126112
Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.2	78.2
61	44.5	32.8	49.2





#31

Carbon tetrachloride

Concen: 50.594 ug/L

RT: 5.666 min Scan# 751

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

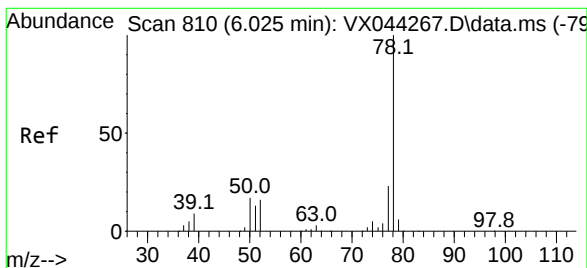
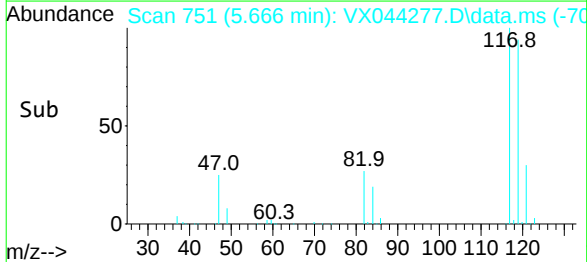
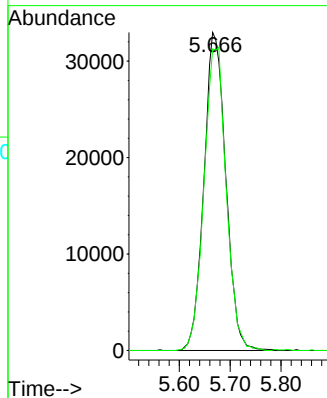
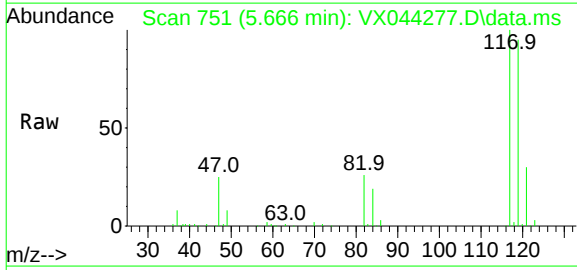
F7J20MS

Tgt Ion:117 Resp: 98294

Ion Ratio Lower Upper

117 100

119 97.1 77.7 116.5



#33

Benzene

Concen: 51.538 ug/L

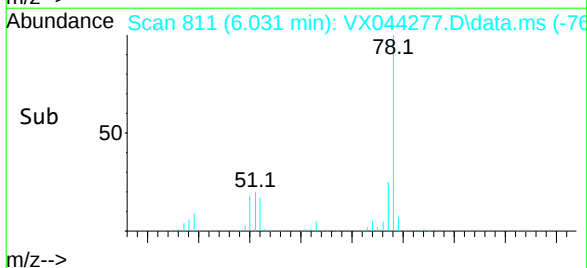
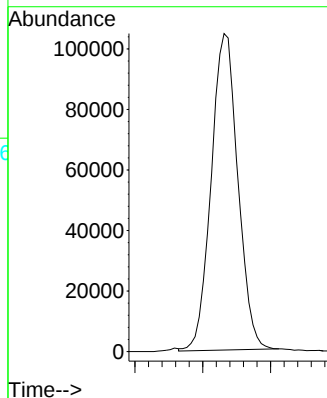
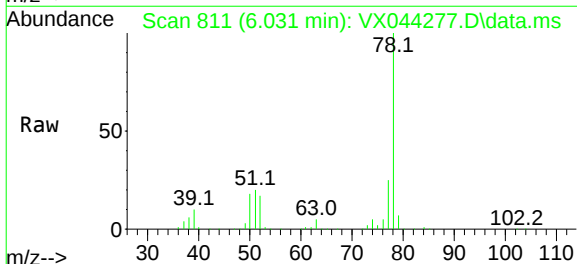
RT: 6.031 min Scan# 811

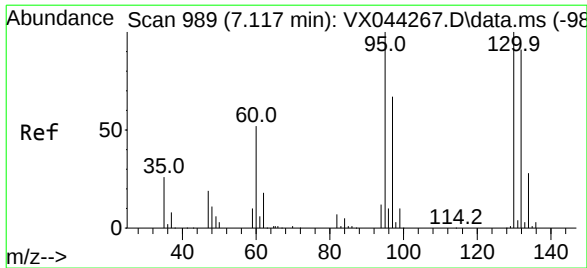
Delta R.T. 0.006 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

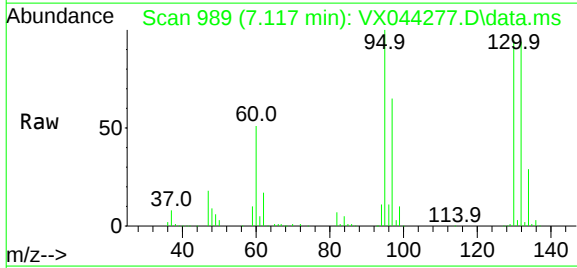
Tgt Ion: 78 Resp: 285971



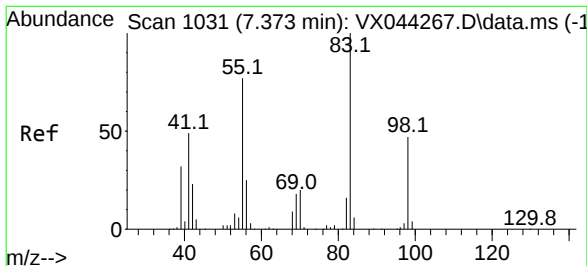
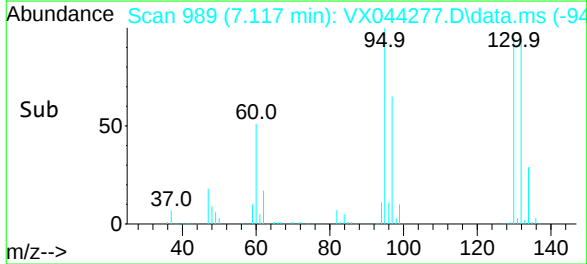
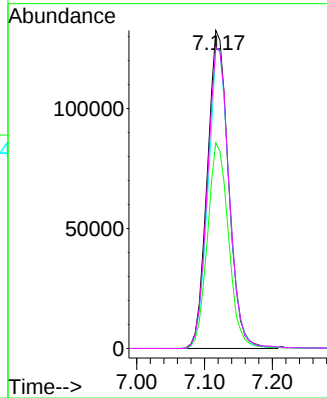


#34
Trichloroethene
Concen: 190.796 ug/L
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

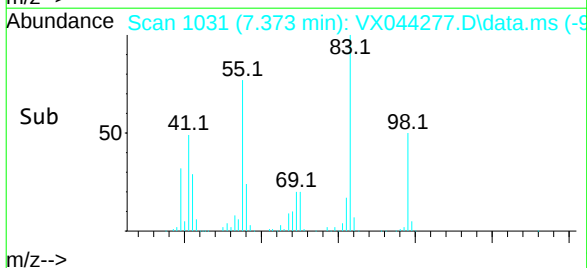
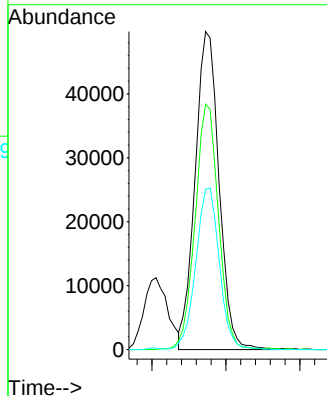
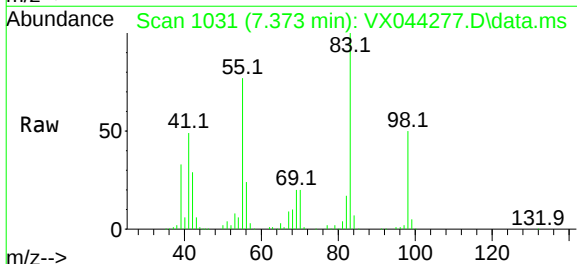


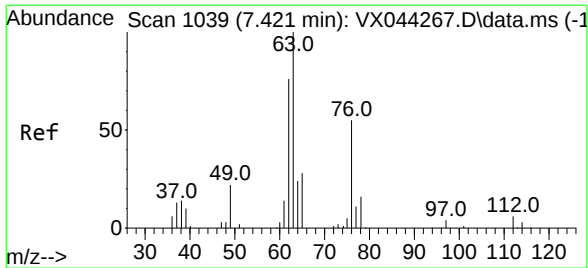
Tgt Ion:	95	Resp:	289038
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.0	83.6
132	94.4	66.6	123.8
130	94.7	72.4	134.5



#35
Methylcyclohexane
Concen: 50.848 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

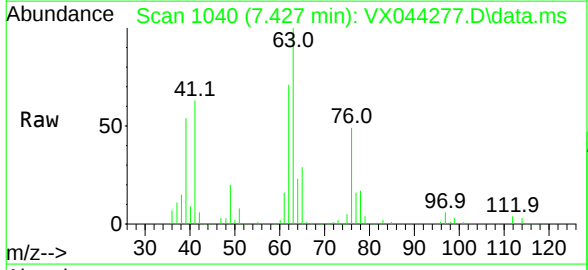
Tgt Ion:	83	Resp:	111588
Ion	Ratio	Lower	Upper
83	100		
55	75.3	58.5	87.7
98	50.2	40.5	60.7



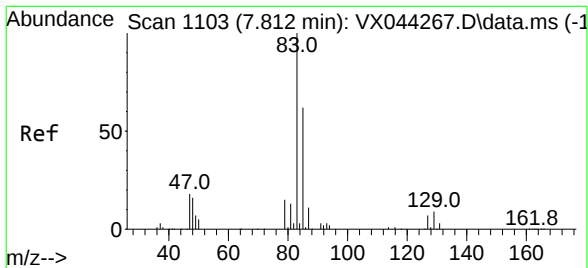
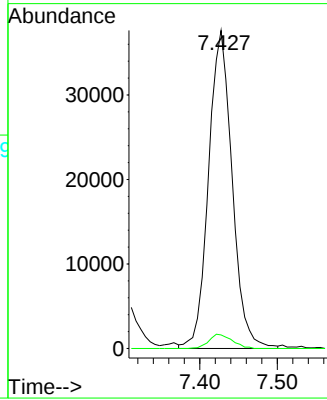
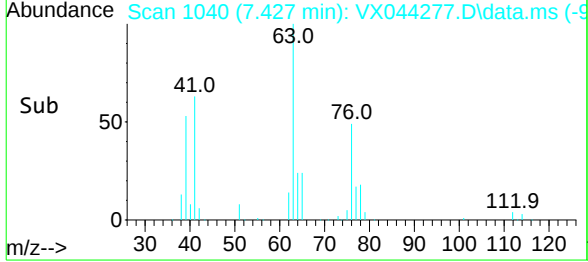


#37
1,2-Dichloropropane
Concen: 53.447 ug/L
RT: 7.427 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

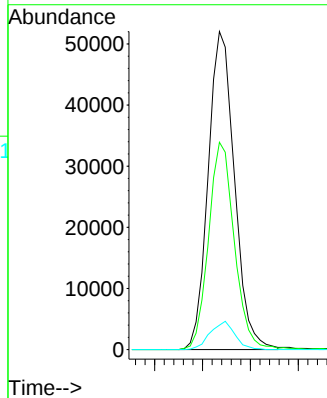
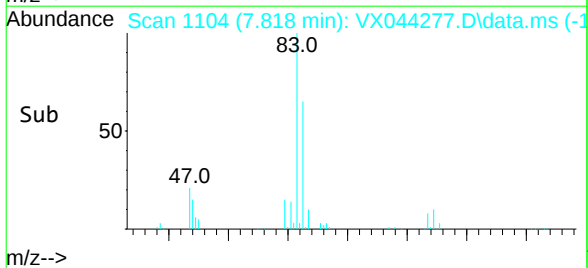
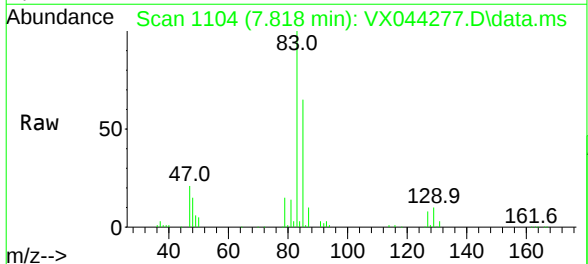


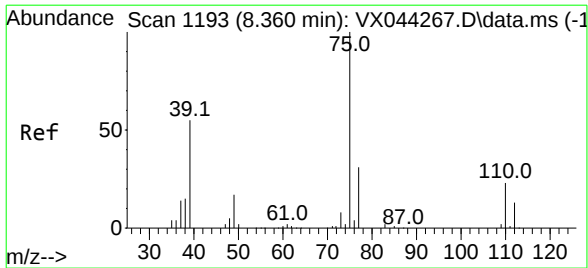
Tgt Ion: 63 Resp: 79633
Ion Ratio Lower Upper
63 100
112 4.4 3.6 5.4



#38
Bromodichloromethane
Concen: 50.935 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion: 83 Resp: 99428
Ion Ratio Lower Upper
83 100
85 65.2 44.1 81.9
127 7.7 7.0 10.4

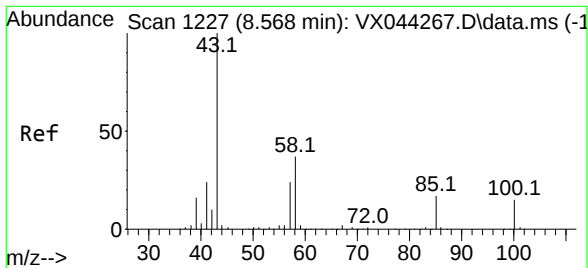
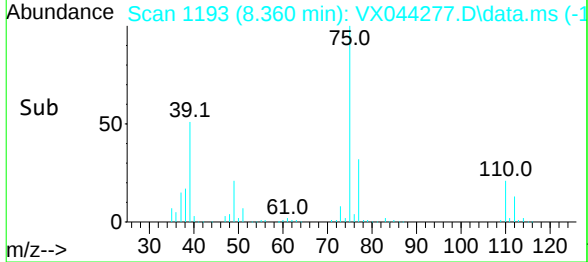
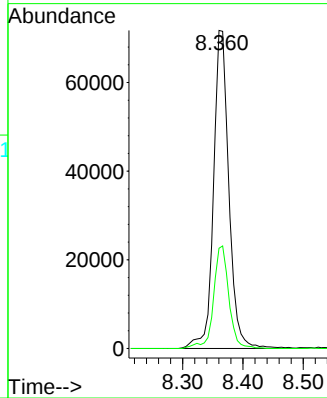
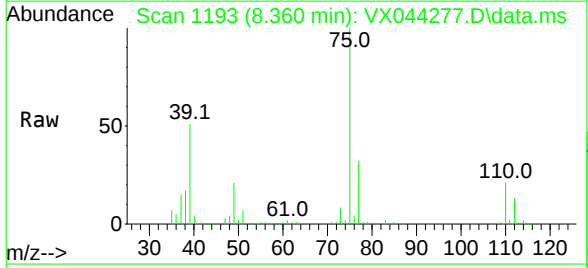




#39
cis-1,3-Dichloropropene
Concen: 54.548 ug/L
RT: 8.360 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

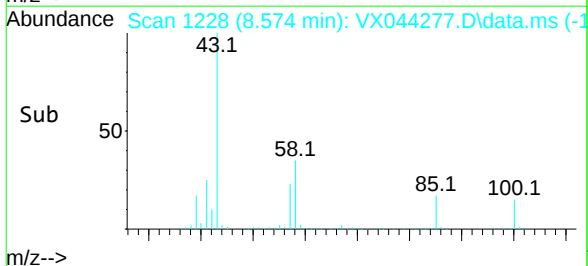
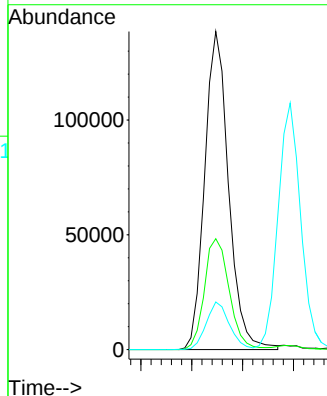
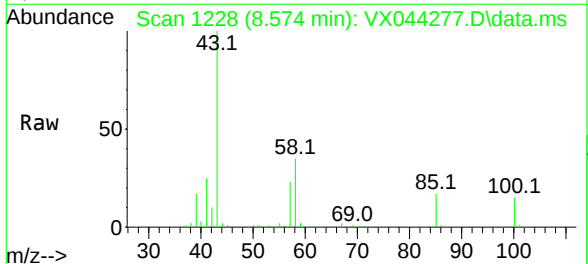
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

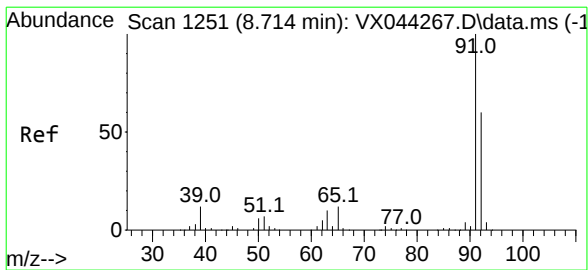
Tgt Ion: 75 Resp: 127296
Ion Ratio Lower Upper
75 100
77 31.5 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 98.247 ug/L
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion: 43 Resp: 226622
Ion Ratio Lower Upper
43 100
58 36.2 32.4 48.6
100 14.6 13.7 20.5





#42

Toluene

Concen: 52.109 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

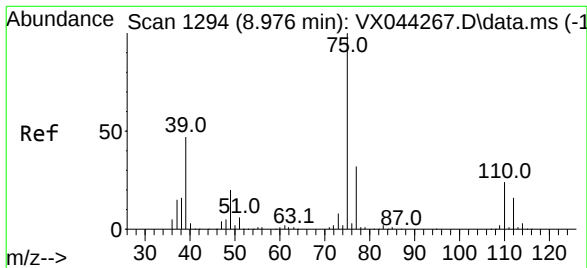
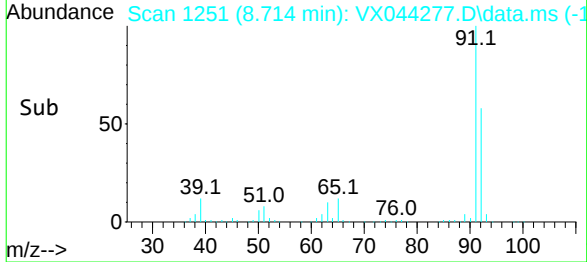
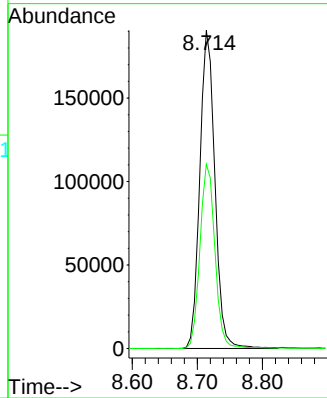
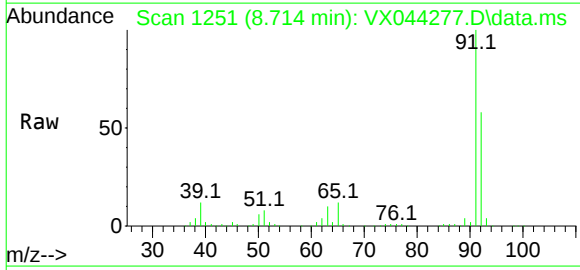
F7J20MS

Tgt Ion: 91 Resp: 306362

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 50.969 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044277.D

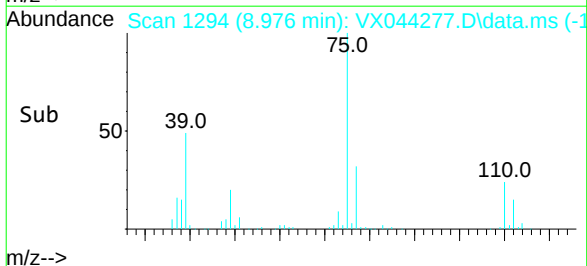
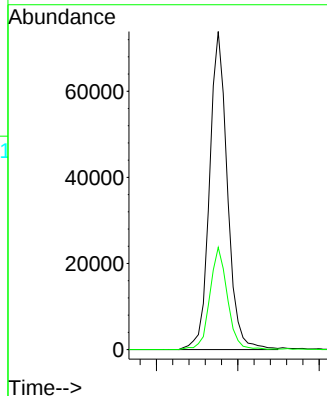
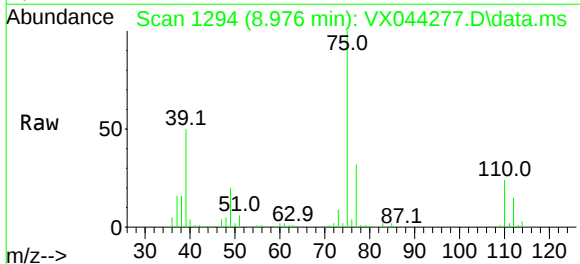
Acq: 13 Dec 2024 13:15

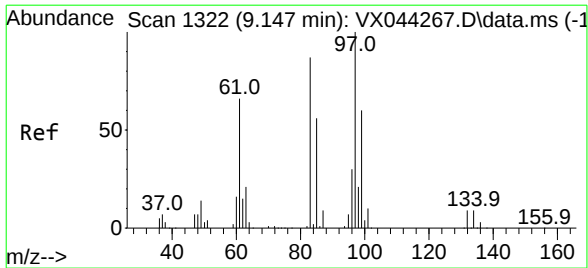
Tgt Ion: 75 Resp: 112740

Ion Ratio Lower Upper

75 100

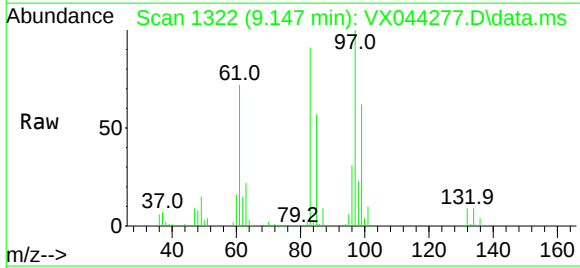
77 32.1 21.8 40.6





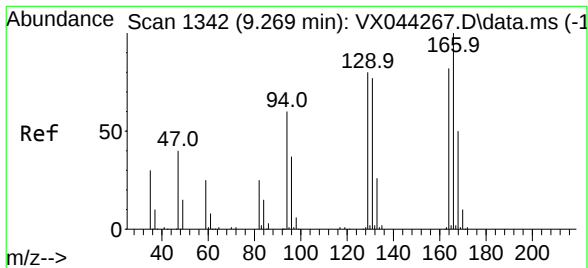
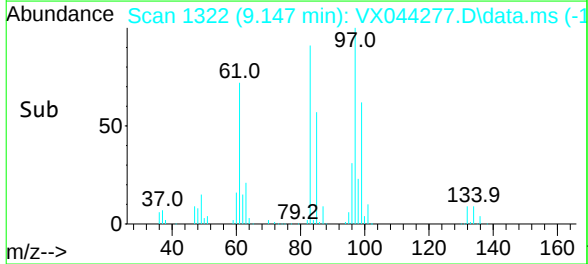
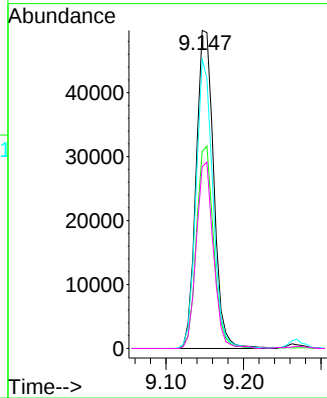
#45
1,1,2-Trichloroethane
Concen: 51.695 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
F7J20MS



Tgt Ion: 97 Resp: 78930

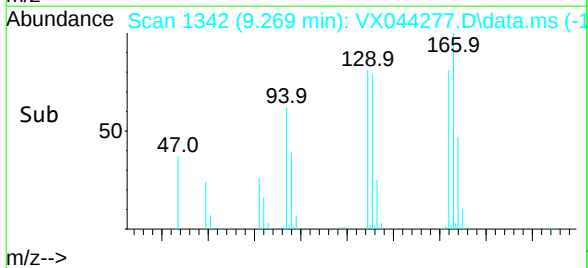
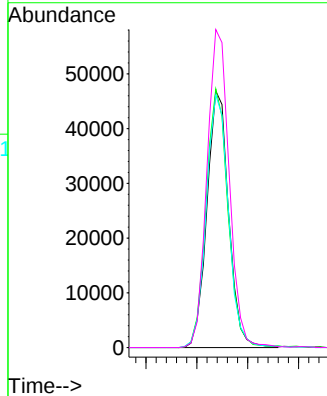
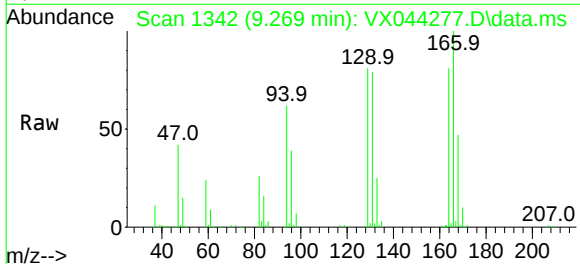
Ion	Ratio	Lower	Upper
97	100		
99	61.9	43.4	80.6
83	90.9	60.2	111.8
85	57.2	39.3	72.9

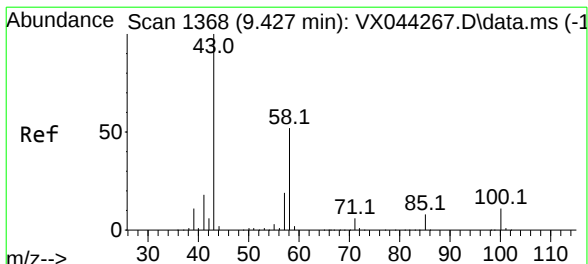


#46
Tetrachloroethene
Concen: 68.719 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion: 164 Resp: 69444

Ion	Ratio	Lower	Upper
164	100		
129	100.8	73.6	136.6
131	98.4	70.2	130.4
166	123.9	92.0	170.8

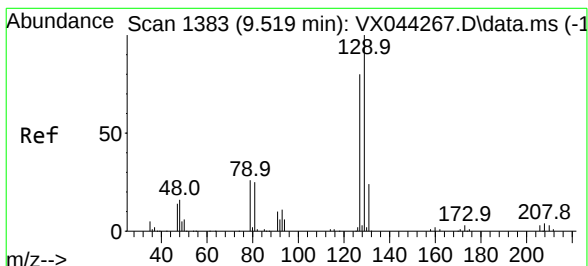
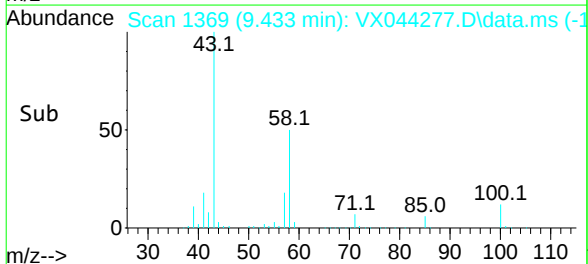
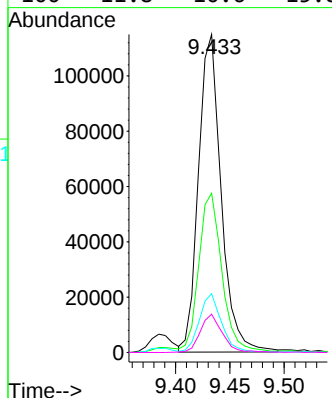
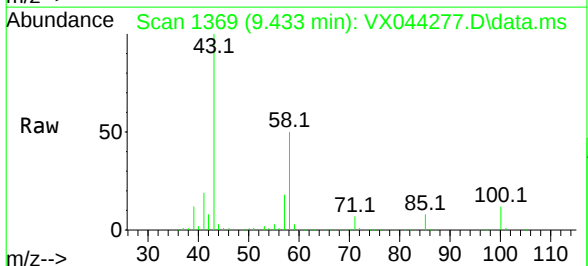




#48
2-Hexanone
Concen: 92.159 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

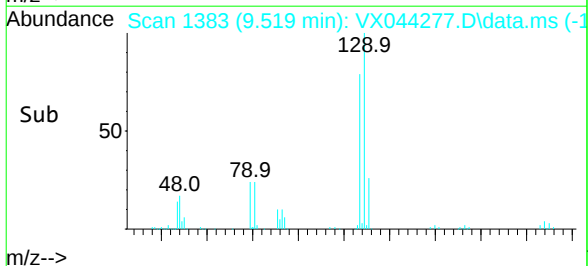
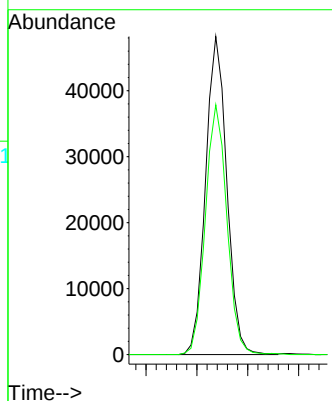
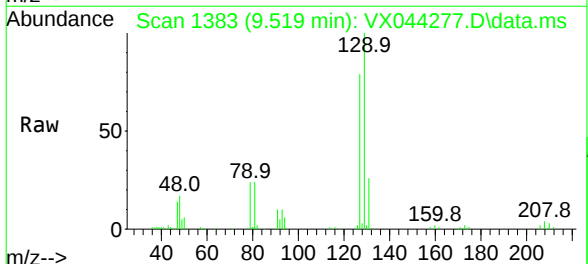
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

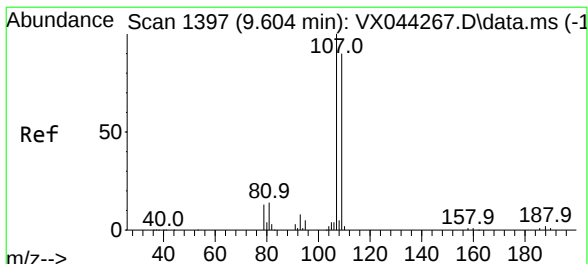
Tgt Ion:	43	Resp:	167375
Ion	Ratio	Lower	Upper
43	100		
58	50.3	45.4	68.2
57	18.1	15.4	23.0
100	11.8	10.6	15.8



#49
Dibromochloromethane
Concen: 51.874 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

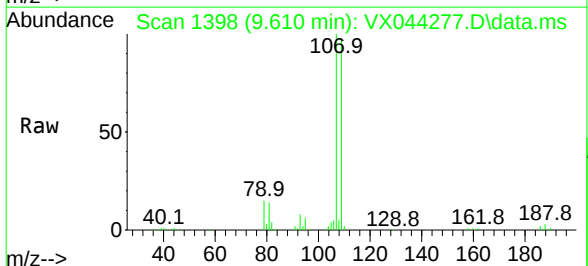
Tgt Ion:	129	Resp:	70008
Ion	Ratio	Lower	Upper
129	100		
127	78.5	53.5	99.5



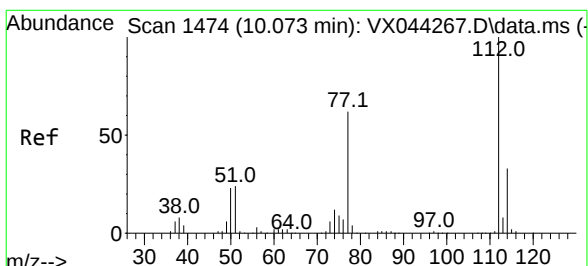
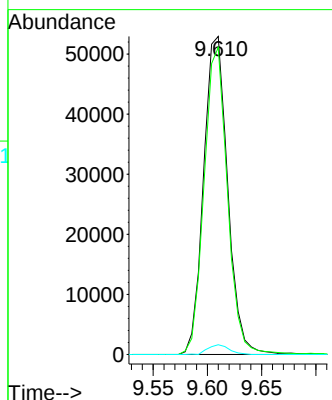
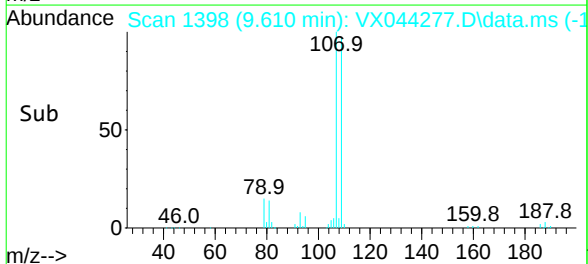


#50
1,2-Dibromoethane
Concen: 51.852 ug/L
RT: 9.610 min Scan# 1397
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

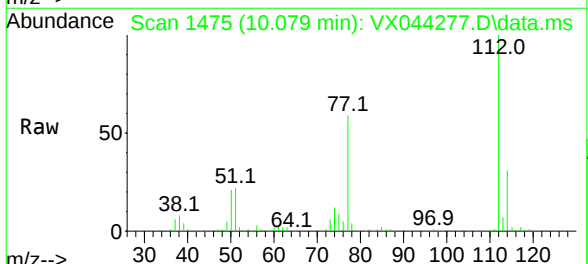
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS



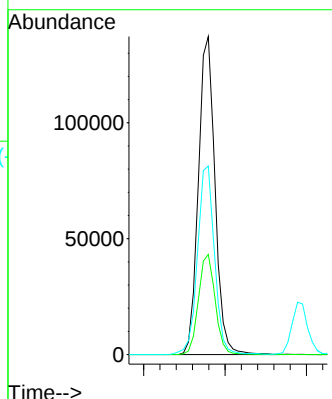
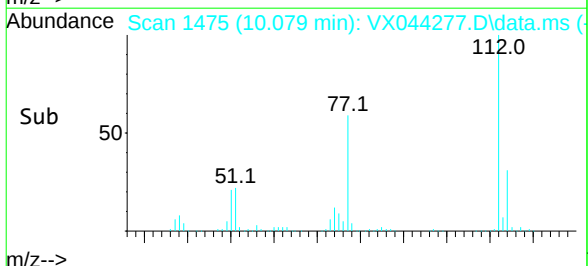
Tgt Ion:107 Resp: 81760
Ion Ratio Lower Upper
107 100
109 96.6 65.5 121.7
188 3.1 2.6 4.0

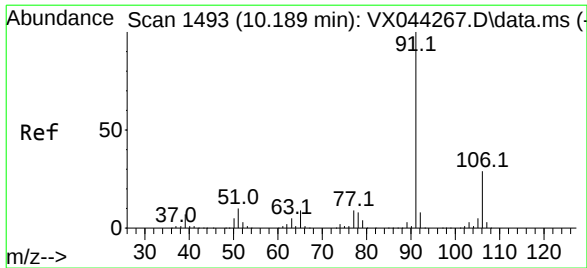


#51
Chlorobenzene
Concen: 51.744 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15



Tgt Ion:112 Resp: 195175
Ion Ratio Lower Upper
112 100
114 31.5 22.9 42.5
77 59.3 48.0 72.0





#52

Ethylbenzene

Concen: 52.344 ug/L

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

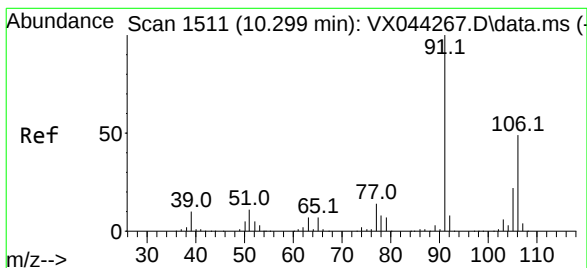
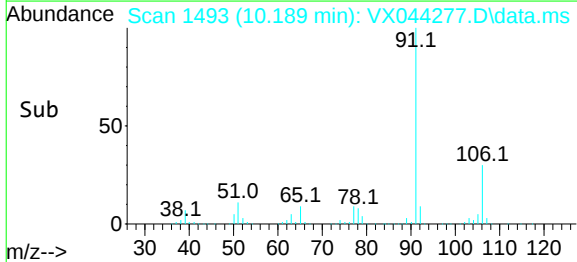
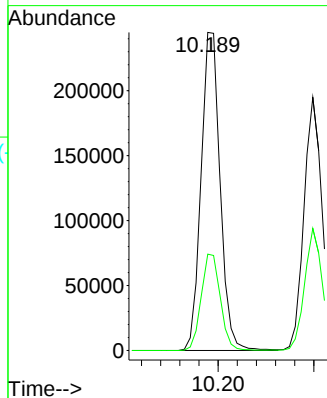
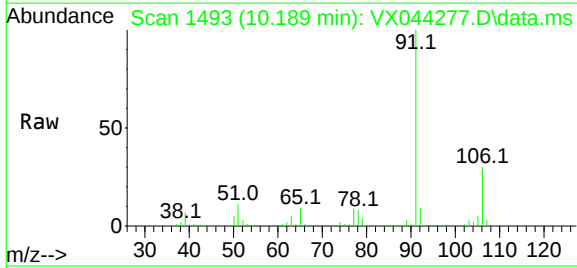
F7J20MS

Tgt Ion: 91 Resp: 338987

Ion Ratio Lower Upper

91 100

106 30.3 21.1 39.1



#53

m,p-Xylene

Concen: 52.507 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044277.D

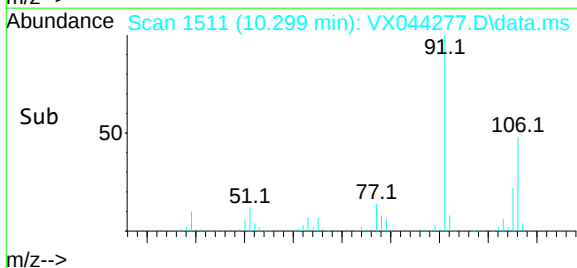
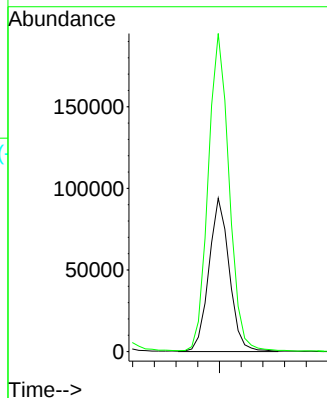
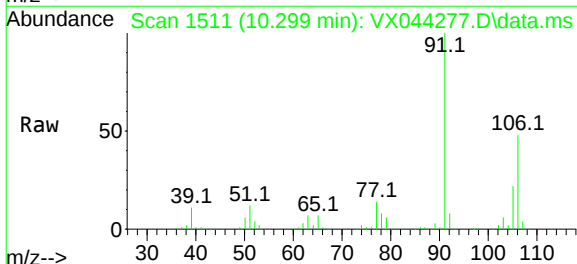
Acq: 13 Dec 2024 13:15

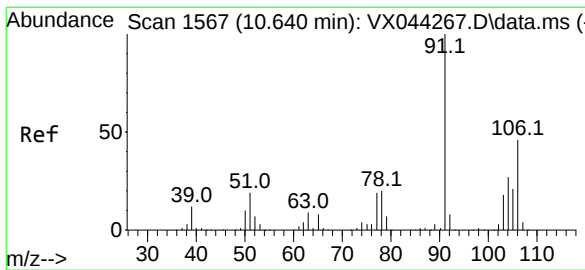
Tgt Ion: 106 Resp: 123164

Ion Ratio Lower Upper

106 100

91 207.3 147.5 273.9





#54

o-Xylene

Concen: 52.043 ug/L

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

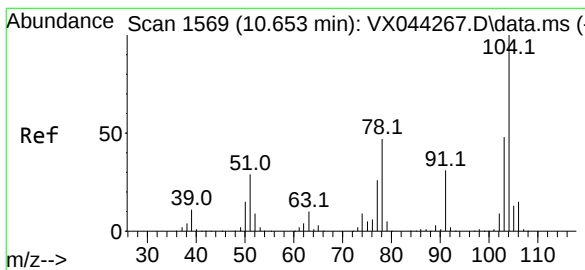
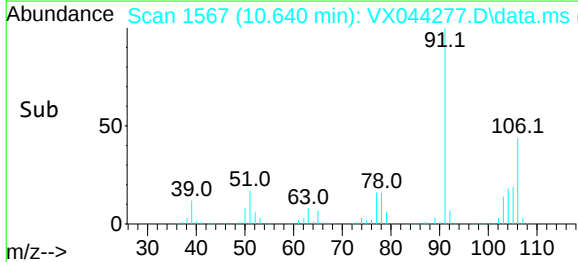
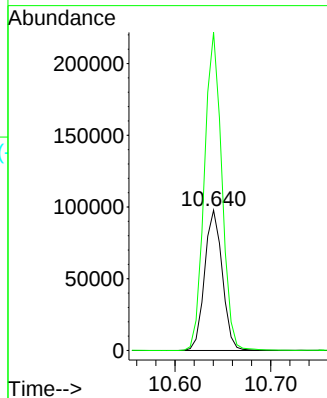
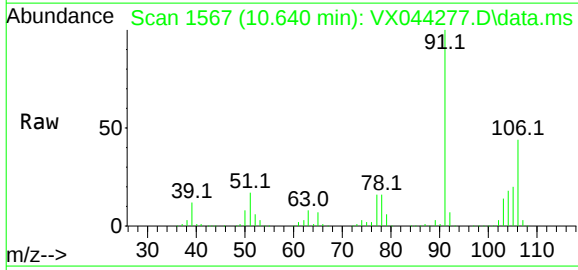
F7J20MS

Tgt Ion:106 Resp: 125533

Ion Ratio Lower Upper

106 100

91 226.8 153.7 285.5



#55

Styrene

Concen: 52.778 ug/L

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX044277.D

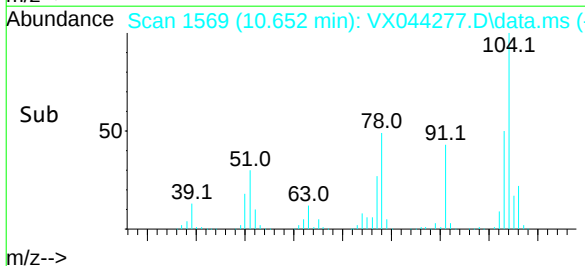
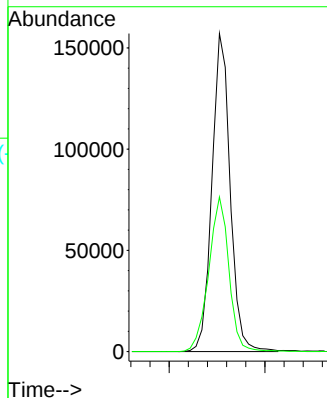
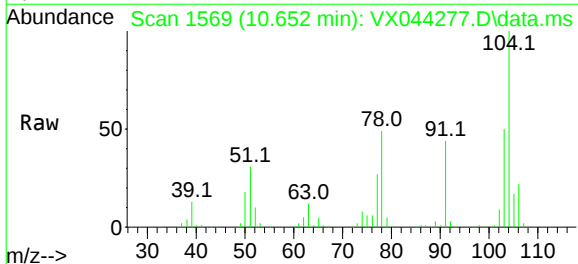
Acq: 13 Dec 2024 13:15

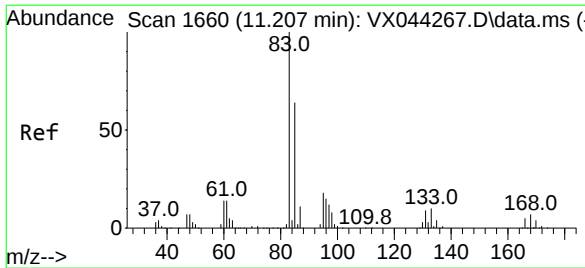
Tgt Ion:104 Resp: 207633

Ion Ratio Lower Upper

104 100

78 48.6 32.8 60.8

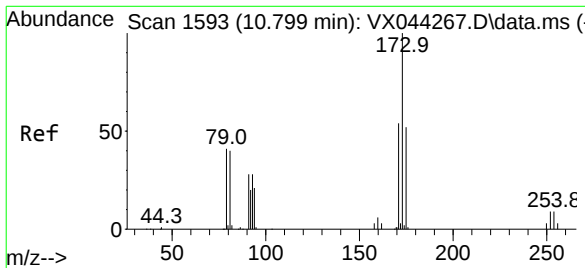
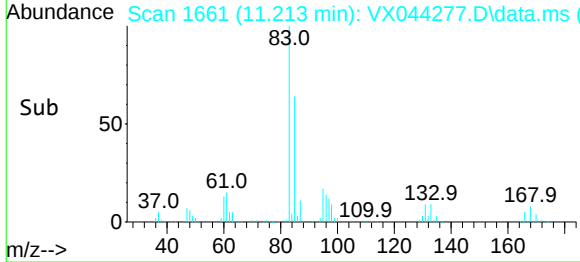
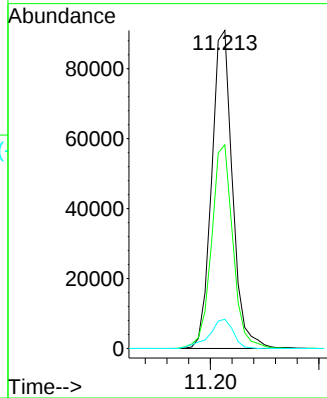
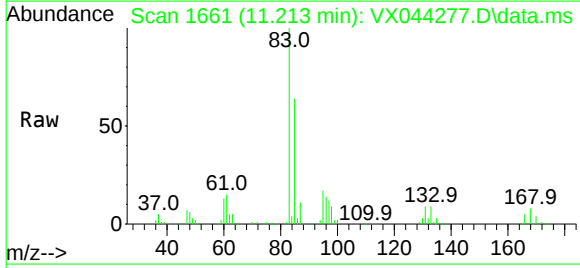




#57
1,1,2,2-Tetrachloroethane
Concen: 51.136 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

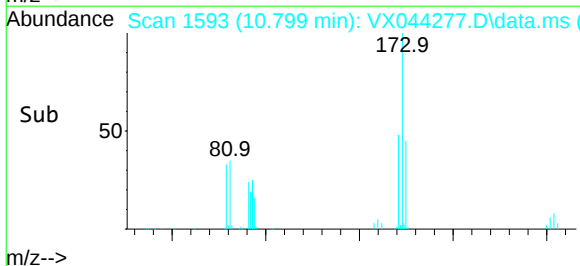
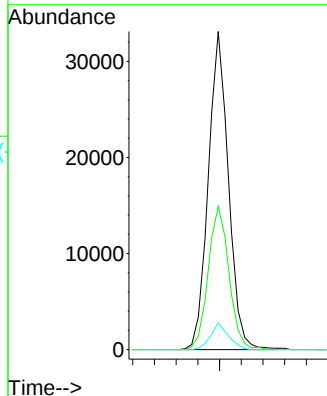
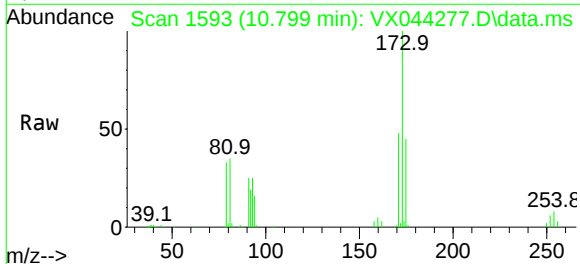
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

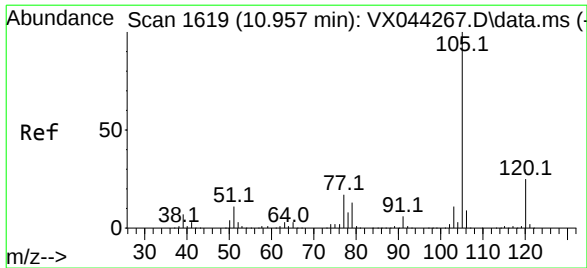
Tgt Ion: 83 Resp: 121119
Ion Ratio Lower Upper
83 100
85 64.0 46.0 85.4
131 9.2 8.8 13.2



#59
Bromoform
Concen: 50.733 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion: 173 Resp: 42746
Ion Ratio Lower Upper
173 100
175 46.3 40.0 60.0
254 7.4 6.3 9.5

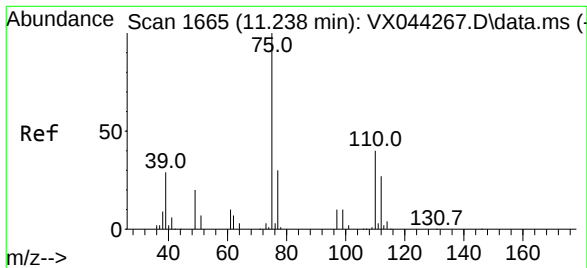
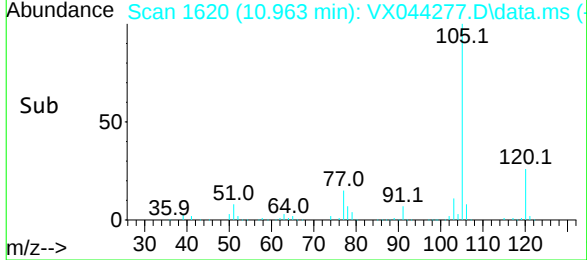
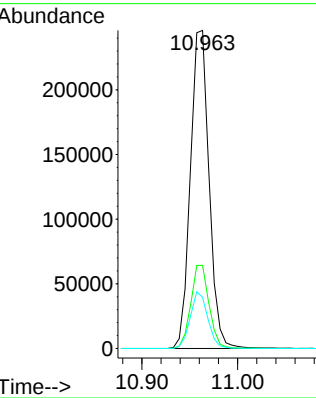
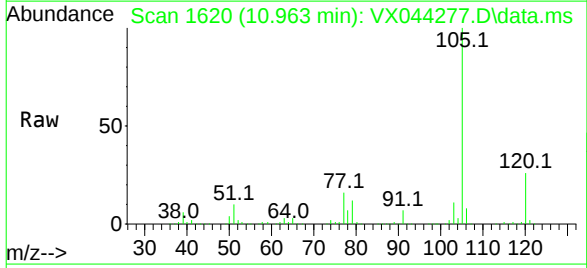




#60
Isopropylbenzene
Concen: 51.440 ug/L
RT: 10.963 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

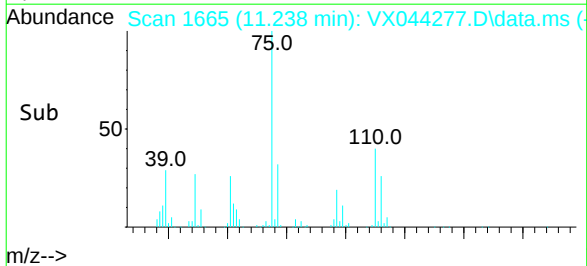
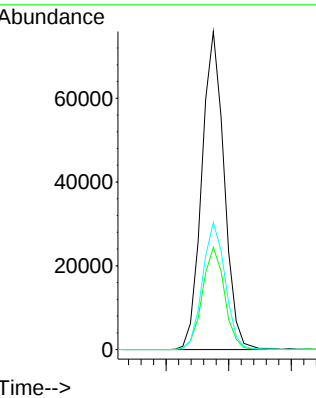
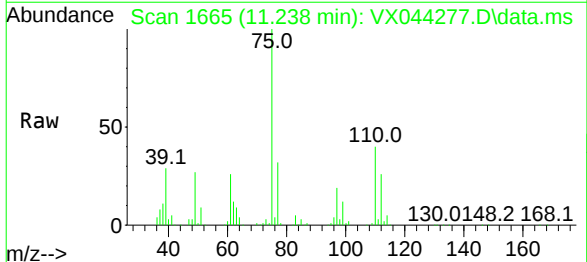
Instrument :
MSVOA_X
ClientSampleId :
F7J20MS

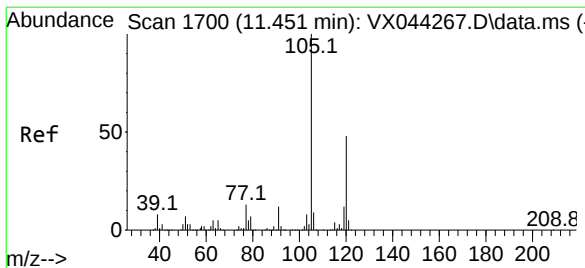
Tgt Ion:	105	Resp:	333318
Ion	Ratio	Lower	Upper
105	100		
120	25.7	20.6	31.0
77	16.8	13.4	20.0



#61
1,2,3-Trichloropropane
Concen: 48.419 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion:	75	Resp:	94171
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
110	40.4	33.3	49.9





#62

1,3,5-Trimethylbenzene

Concen: 50.752 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

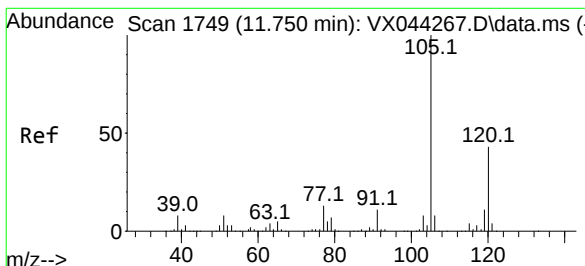
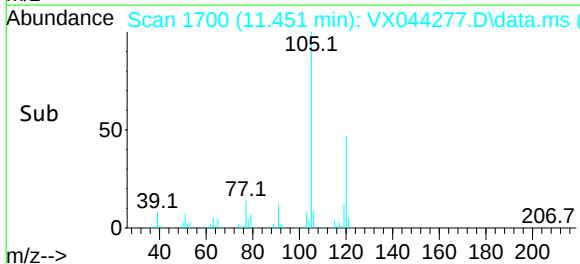
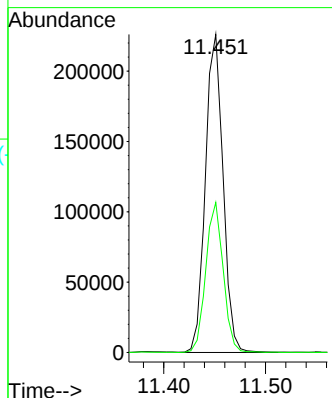
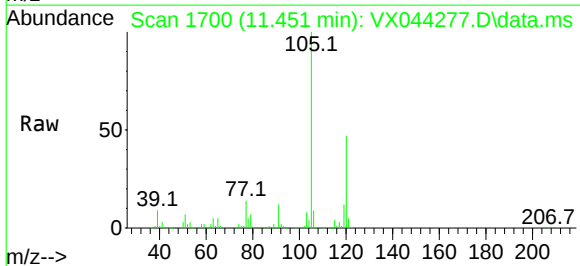
F7J20MS

Tgt Ion:105 Resp: 272919

Ion Ratio Lower Upper

105 100

120 46.5 38.2 57.4



#63

1,2,4-Trimethylbenzene

Concen: 51.008 ug/L

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044277.D

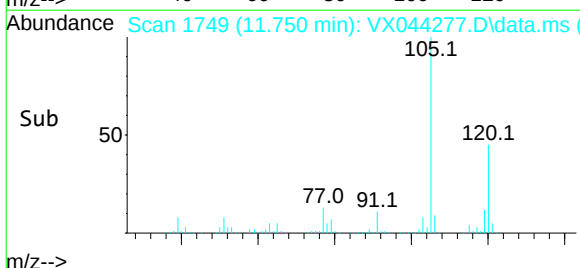
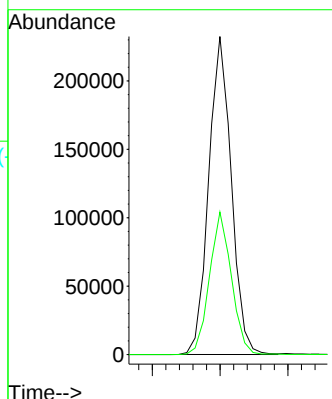
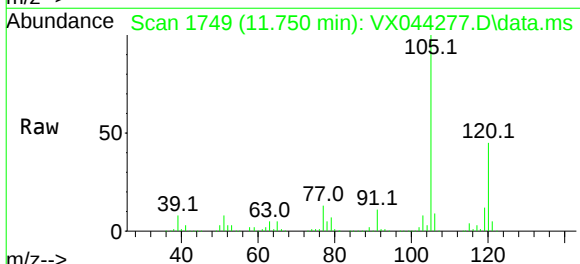
Acq: 13 Dec 2024 13:15

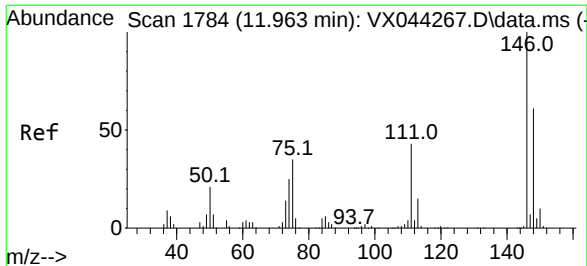
Tgt Ion:105 Resp: 269196

Ion Ratio Lower Upper

105 100

120 43.4 34.5 51.7





#64

1,3-Dichlorobenzene

Concen: 50.202 ug/L

RT: 11.969 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VX044277.D

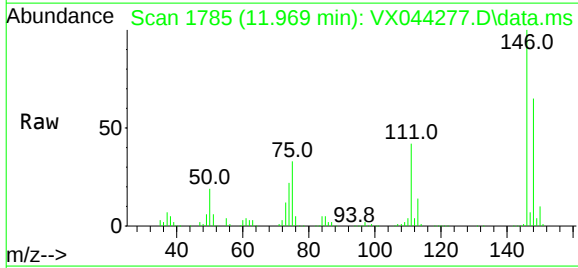
Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

F7J20MS



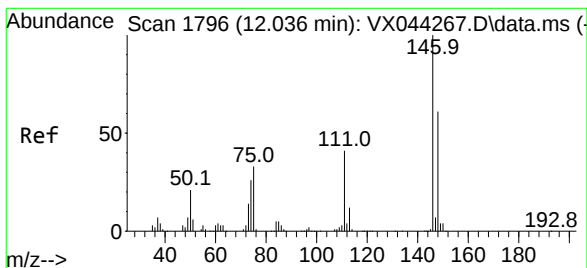
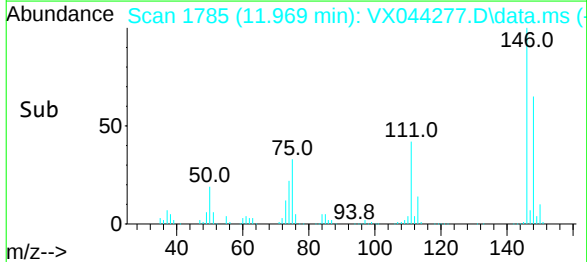
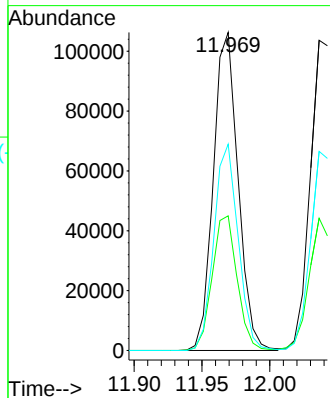
Tgt Ion:146 Resp: 134909

Ion Ratio Lower Upper

146 100

111 42.3 28.8 53.4

148 64.9 46.1 85.5



#65

1,4-Dichlorobenzene

Concen: 50.662 ug/L

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

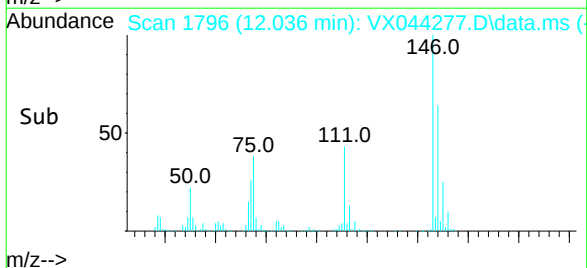
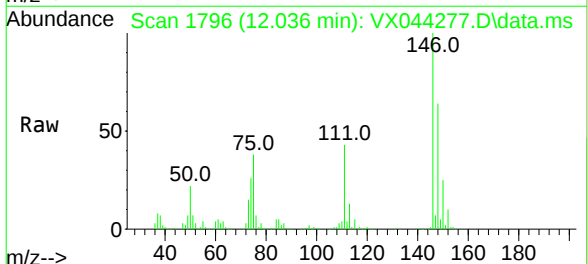
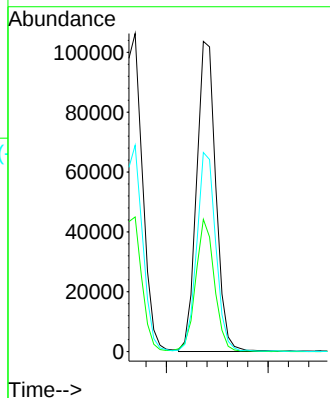
Tgt Ion:146 Resp: 136240

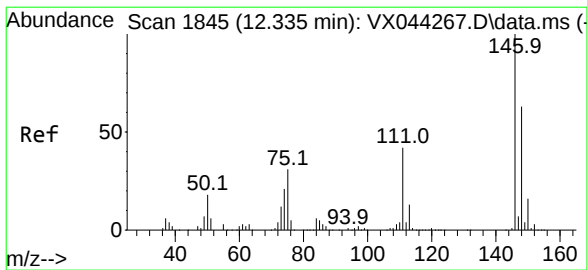
Ion Ratio Lower Upper

146 100

111 42.6 29.5 54.7

148 64.2 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 51.684 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044277.D

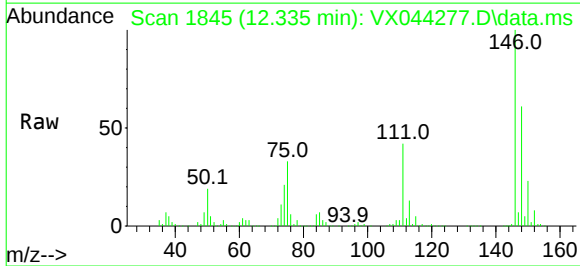
Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

F7J20MS



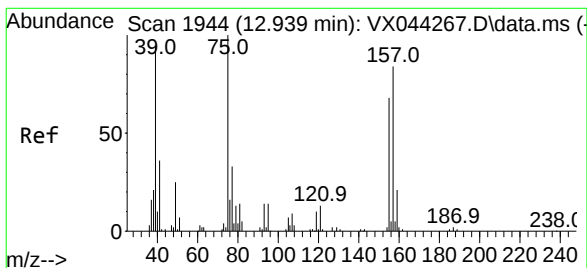
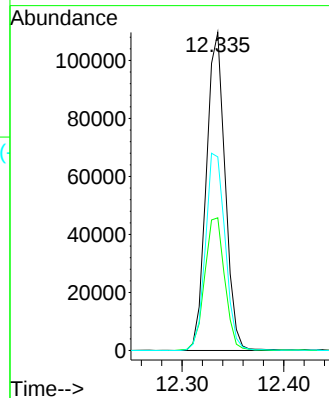
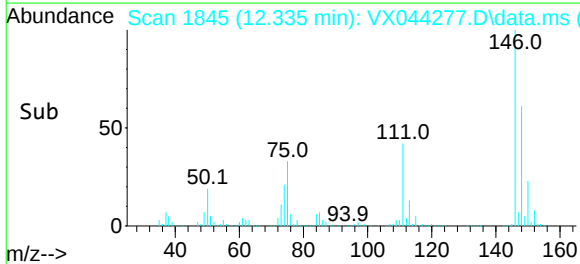
Tgt Ion:146 Resp: 141024

Ion Ratio Lower Upper

146 100

111 41.7 34.3 51.5

148 60.9 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 45.196 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

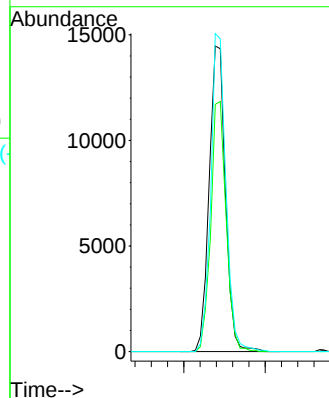
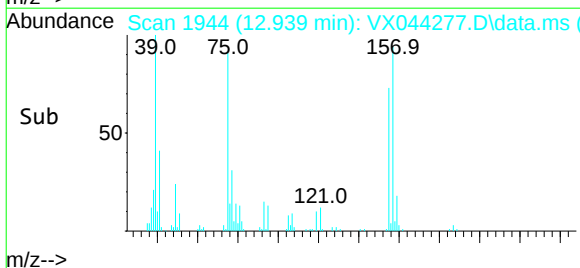
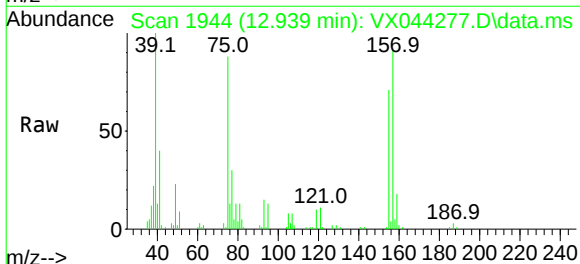
Tgt Ion: 75 Resp: 19978

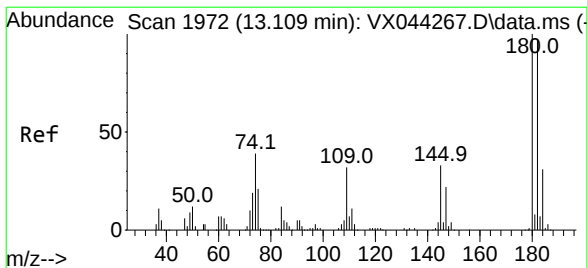
Ion Ratio Lower Upper

75 100

155 80.9 60.5 90.7

157 104.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 49.863 ug/L

RT: 13.109 min Scan# 19

Delta R.T. 0.000 min

Lab File: VX044277.D

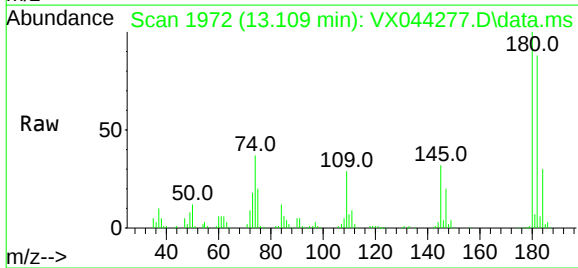
Acq: 13 Dec 2024 13:15

Instrument :

MSVOA_X

ClientSampleId :

F7J20MS



Tgt Ion:180 Resp: 83603

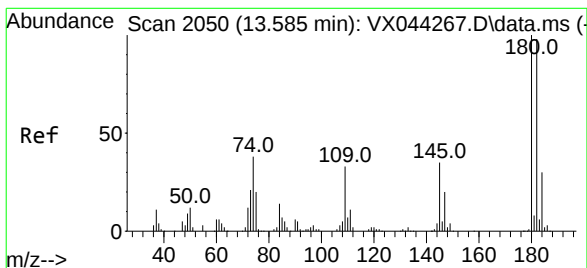
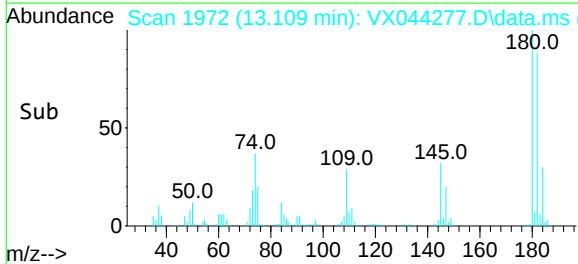
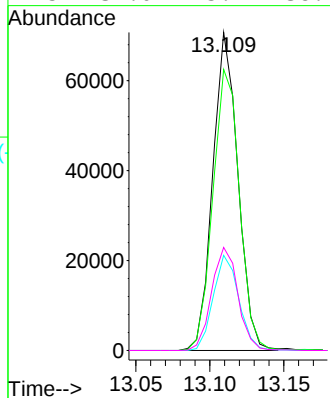
Ion Ratio Lower Upper

180 100

182 93.6 76.7 115.1

184 30.5 24.2 36.4

145 34.0 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 50.256 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044277.D

Acq: 13 Dec 2024 13:15

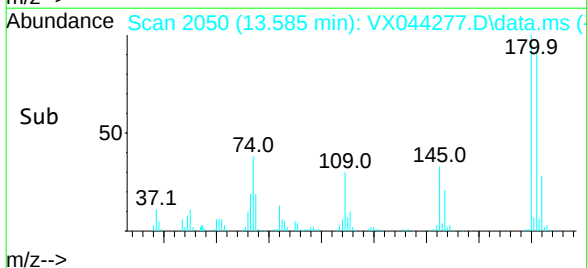
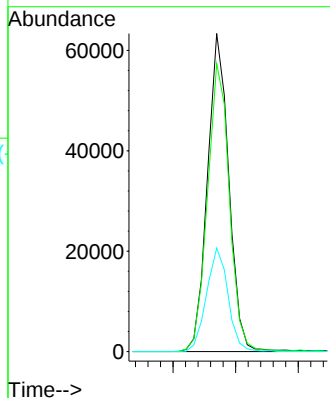
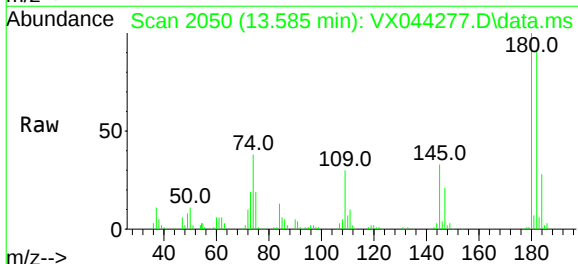
Tgt Ion:180 Resp: 75056

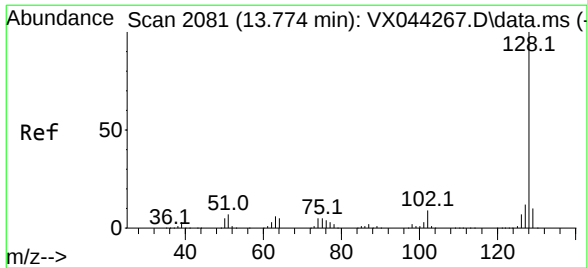
Ion Ratio Lower Upper

180 100

182 92.8 74.1 111.1

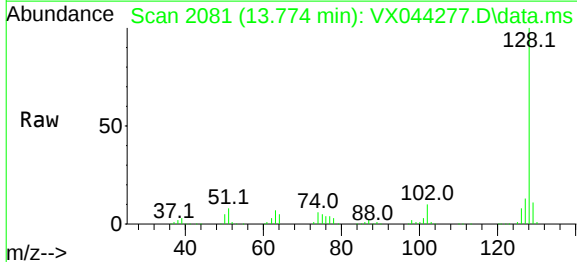
145 32.8 25.3 37.9



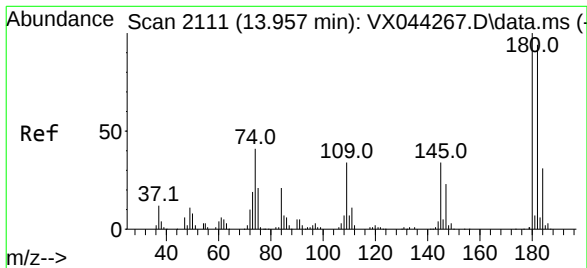
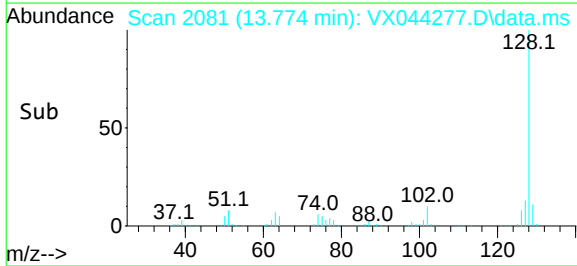
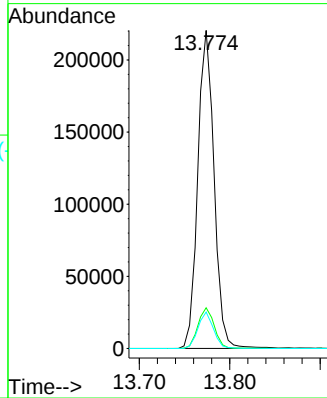


#71
Naphthalene
Concen: 45.292 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Instrument :
MSVOA_X
ClientSampleId :
F7J20MS



Tgt Ion:128 Resp: 275773
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 48.402 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044277.D
Acq: 13 Dec 2024 13:15

Tgt Ion:180 Resp: 76793
Ion Ratio Lower Upper
180 100
182 97.3 73.8 110.6
145 35.5 27.4 41.2

