

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
 Data File : VX044283.D
 Acq On : 13 Dec 2024 15:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 13 23:24:23 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	217633	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	189581	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	81805	41.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.140%
7) Chloroethane-d5	1.648	69	62827	40.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	2.294	65	34367	40.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.700%
21) 2-Butanone-d5	4.465	46	111362	91.328	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.330%
24) Chloroform-d	5.050	84	175343	46.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
26) 1,2-Dichloroethane-d4	5.952	65	115067	43.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.060%
32) Benzene-d6	5.964	84	301074	45.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	7.300	67	96855	47.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.240%
41) Toluene-d8	8.647	98	260172	42.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.900%
43) trans-1,3-Dichloroprop...	8.946	79	42990	43.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	9.385	63	73604	92.808	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131020	48.039	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	91835	44.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	79158	44.851	ug/L	99
3) Chloromethane	1.295	50	75292	46.244	ug/L	98
5) Vinyl chloride	1.374	62	80371	45.754	ug/L	95
6) Bromomethane	1.593	94	55313	46.329	ug/L	96
8) Chloroethane	1.660	64	51417	44.214	ug/L	100
9) Trichlorofluoromethane	1.868	101	135813	41.496	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	66615	46.215	ug/L	95
12) 1,1-Dichloroethene	2.307	96	57576	44.877	ug/L #	55
13) Acetone	2.386	43	86518	79.740	ug/L	92
14) Carbon disulfide	2.502	76	96294	39.620	ug/L	99
15) Methyl Acetate	2.703	43	74348	42.256	ug/L	97
16) Methylene chloride	2.782	84	68636	46.489	ug/L	86
17) trans-1,2-Dichloroethene	3.087	96	59591	44.597	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	240816	44.664	ug/L	97
19) 1,1-Dichloroethane	3.605	63	131855	47.037	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	76768	46.996	ug/L	99
22) 2-Butanone	4.562	43	111127	84.858	ug/L	97
23) Bromochloromethane	4.898	128	36791	46.184	ug/L	95
25) Chloroform	5.087	83	148267	46.995	ug/L	95

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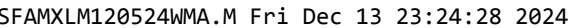
Instrument :
 MSVOA_X
 ClientSampleId :

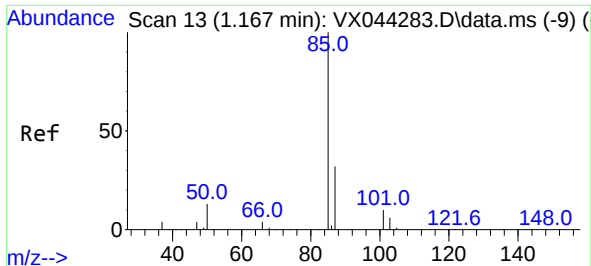
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	120351	45.886	ug/L	95
29) Cyclohexane	5.465	56	107630	45.757	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	123000	47.795	ug/L	96
31) Carbon tetrachloride	5.672	117	95312	47.284	ug/L	99
33) Benzene	6.032	78	278947	48.453	ug/L	100
34) Trichloroethene	7.123	95	73996	47.078	ug/L	96
35) Methylcyclohexane	7.373	83	103727	45.556	ug/L	95
37) 1,2-Dichloropropane	7.428	63	77121	49.889	ug/L	99
38) Bromodichloromethane	7.818	83	94225	46.524	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	114545	47.308	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	212910	88.963	ug/L	93
42) Toluene	8.714	91	292933	48.022	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	106687	46.487	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	75643	47.749	ug/L	98
46) Tetrachloroethene	9.269	164	48734	46.480	ug/L	97
48) 2-Hexanone	9.433	43	162783	86.387	ug/L	94
49) Dibromochloromethane	9.519	129	65661	46.892	ug/L	99
50) 1,2-Dibromoethane	9.604	107	76172	46.560	ug/L	98
51) Chlorobenzene	10.080	112	182070	46.523	ug/L	98
52) Ethylbenzene	10.189	91	322266	47.962	ug/L	100
53) m,p-Xylene	10.299	106	116625	47.921	ug/L	99
54) o-Xylene	10.640	106	119483	47.743	ug/L	100
55) Styrene	10.653	104	200575	49.140	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	116990	47.606	ug/L	97
59) Bromoform	10.799	173	38623	43.885	ug/L	95
60) Isopropylbenzene	10.957	105	311028	45.954	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	88176	43.404	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	255265	45.446	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	257875	46.780	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	129800	46.242	ug/L	98
65) 1,4-Dichlorobenzene	12.037	146	131646	46.867	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	135474	47.534	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	18819	40.759	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	81417	46.490	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	71495	45.831	ug/L	96
71) Naphthalene	13.774	128	276068	43.407	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	74811	45.143	ug/L	95

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

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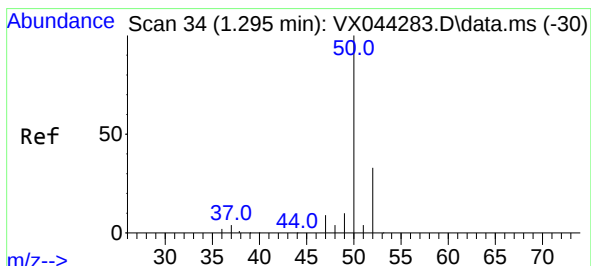
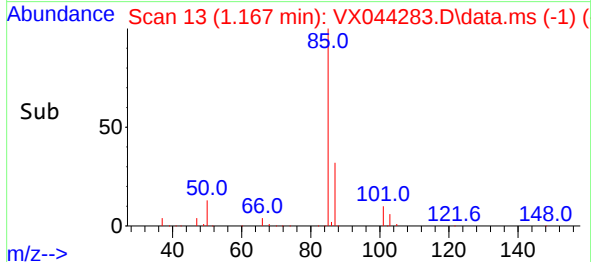
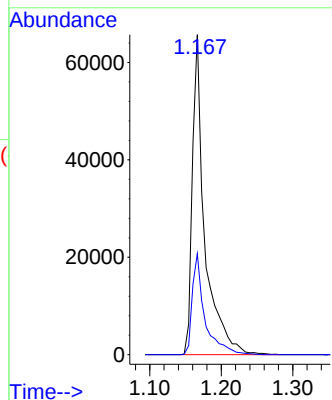
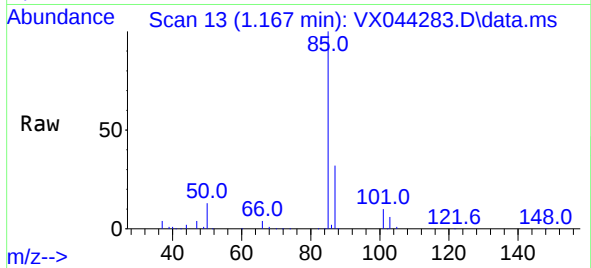




#2
Dichlorodifluoromethane
Concen: 44.851 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

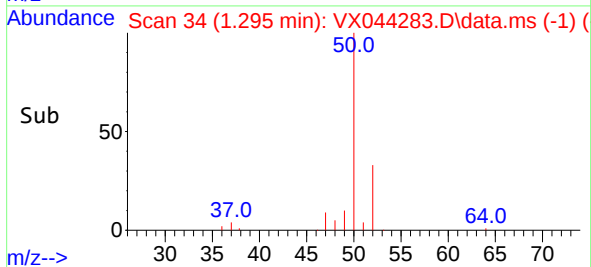
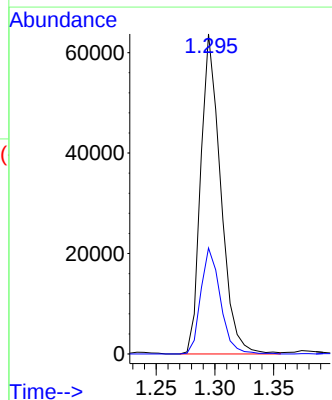
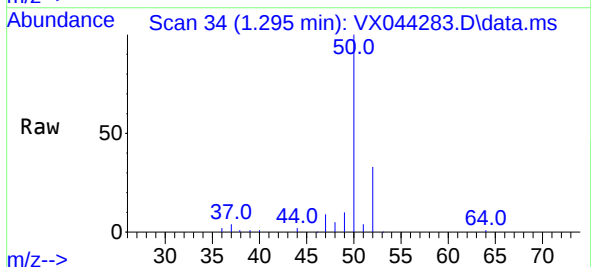
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 85 Resp: 79158
Ion Ratio Lower Upper
85 100
87 32.1 26.1 39.1

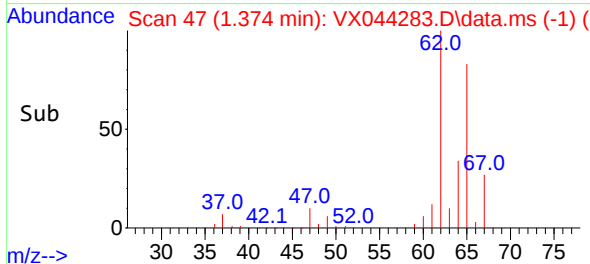
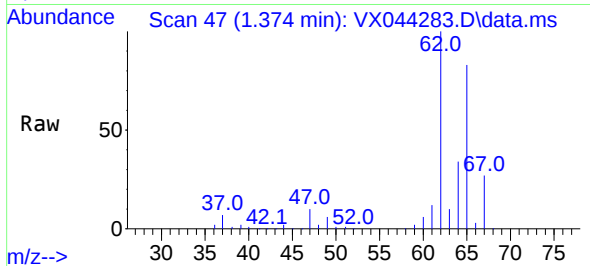
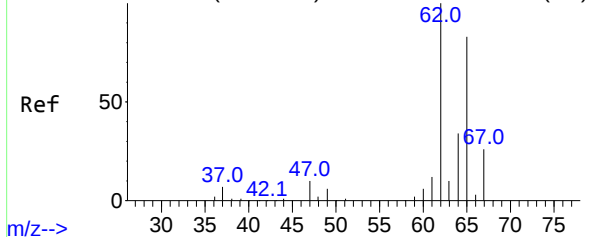


#3
Chloromethane
Concen: 46.244 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 50 Resp: 75292
Ion Ratio Lower Upper
50 100
52 33.1 23.9 44.3



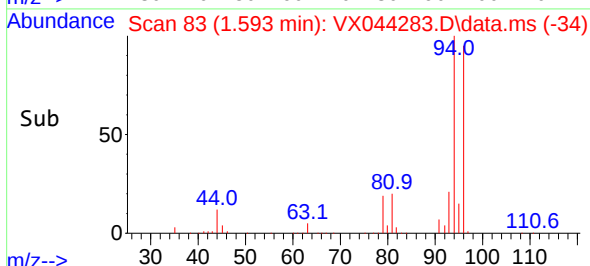
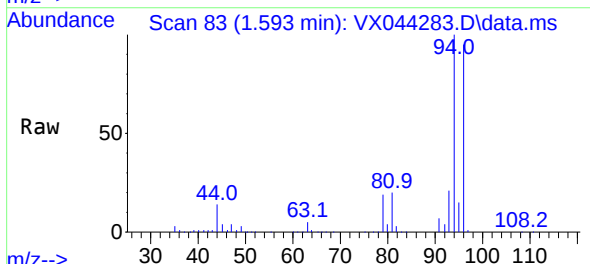
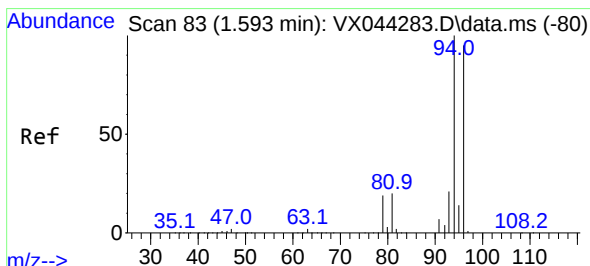
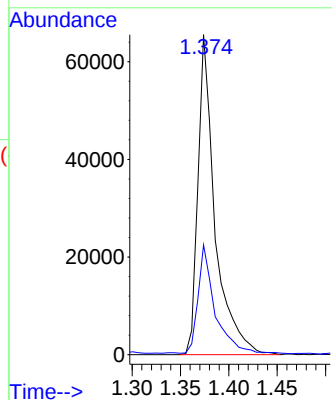
Abundance Scan 47 (1.374 min): VX044283.D\data.ms (-43)



#5
Vinyl chloride
Concen: 45.754 ug/L
RT: 1.374 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

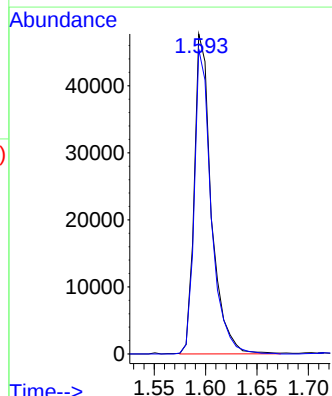
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 62 Resp: 80371
Ion Ratio Lower Upper
62 100
64 34.3 22.2 41.2

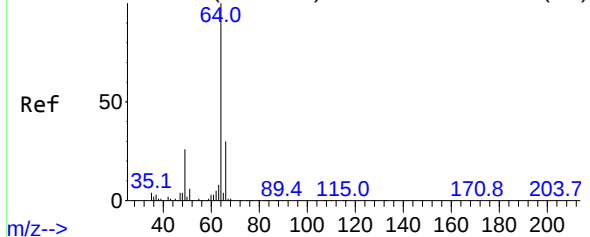


#6
Bromomethane
Concen: 46.329 ug/L
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 94 Resp: 55313
Ion Ratio Lower Upper
94 100
96 95.2 64.2 119.2



Abundance Scan 94 (1.660 min): VX044283.D\data.ms (-90)



#8

Chloroethane

Concen: 44.214 ug/L

RT: 1.660 min Scan# 94

Delta R.T. -0.006 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

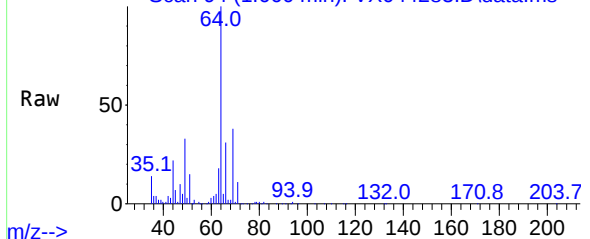
Tgt Ion: 64 Resp: 51417

Ion Ratio Lower Upper

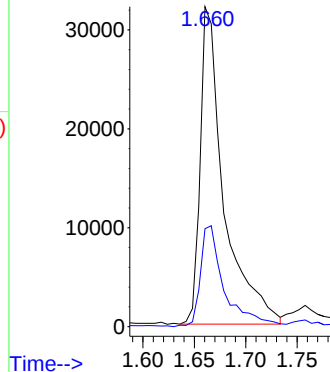
64 100

66 30.6 21.5 39.9

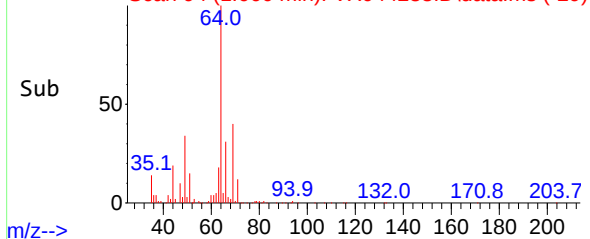
Abundance Scan 94 (1.660 min): VX044283.D\data.ms



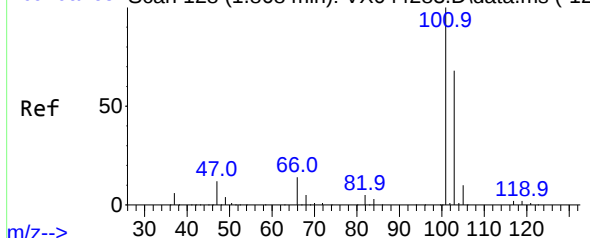
Abundance



Abundance Scan 94 (1.660 min): VX044283.D\data.ms (-29)



Abundance Scan 128 (1.868 min): VX044283.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 41.496 ug/L

RT: 1.868 min Scan# 128

Delta R.T. 0.000 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

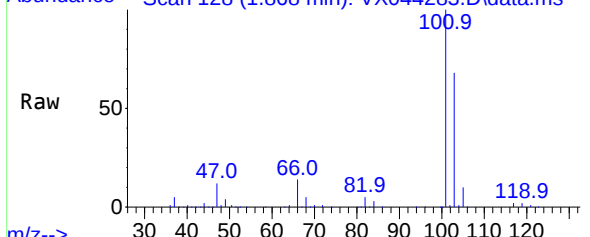
Tgt Ion:101 Resp: 135813

Ion Ratio Lower Upper

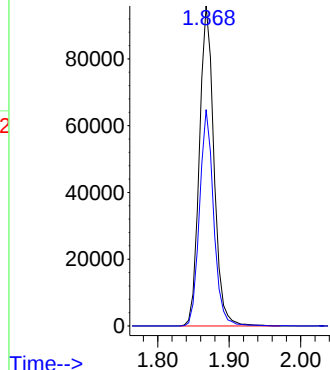
101 100

103 65.6 50.8 76.2

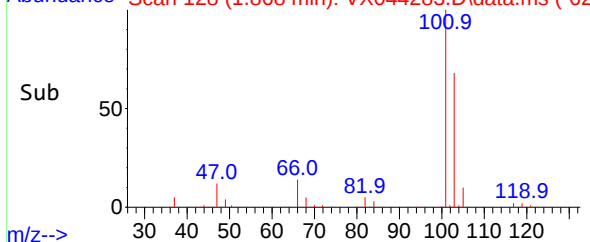
Abundance Scan 128 (1.868 min): VX044283.D\data.ms

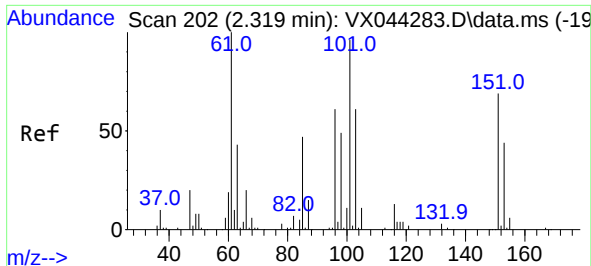


Abundance



Abundance Scan 128 (1.868 min): VX044283.D\data.ms (-62)

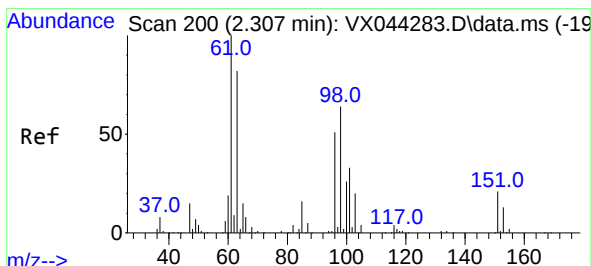
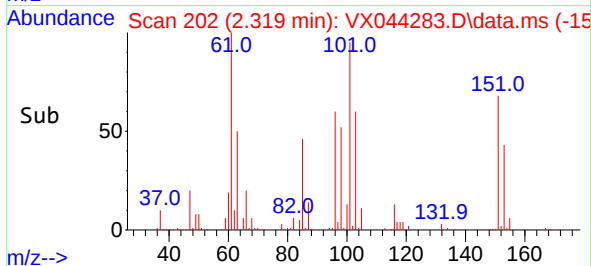
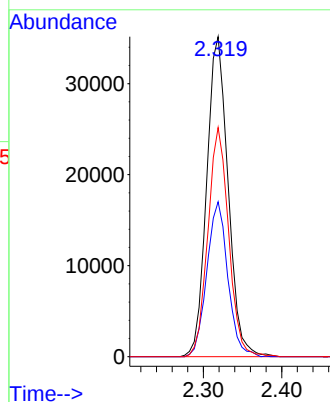
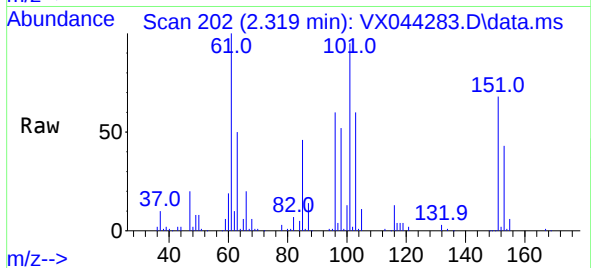




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.215 ug/L
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

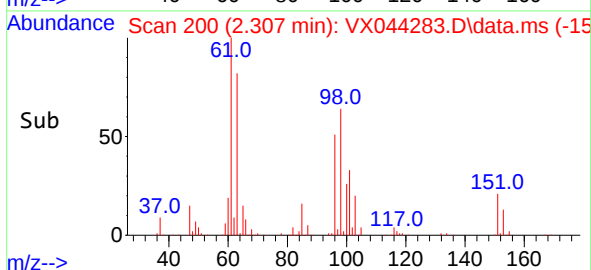
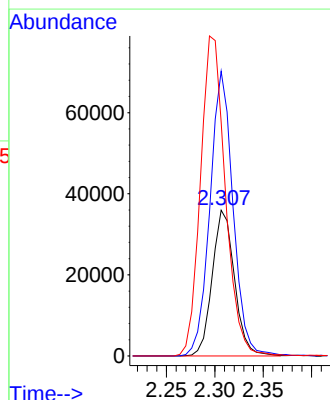
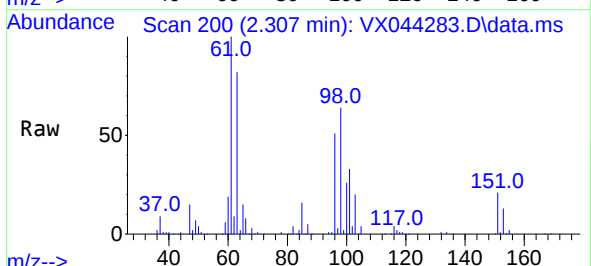
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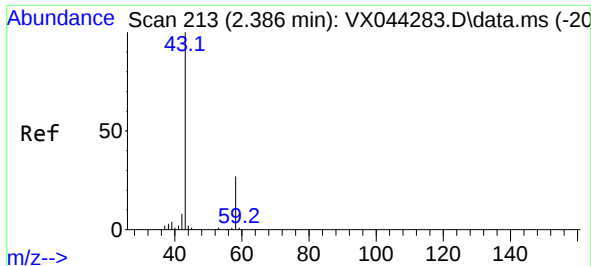
Tgt Ion:101 Resp: 66615
Ion Ratio Lower Upper
101 100
85 47.5 33.9 50.9
151 69.8 58.5 87.7



#12
1,1-Dichloroethene
Concen: 44.877 ug/L
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 96 Resp: 57576
Ion Ratio Lower Upper
96 100
61 195.3 109.3 203.1
63 160.5 65.7 122.1#

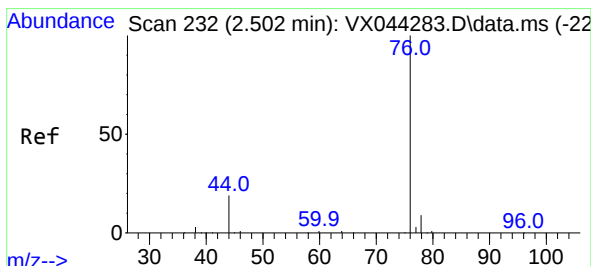
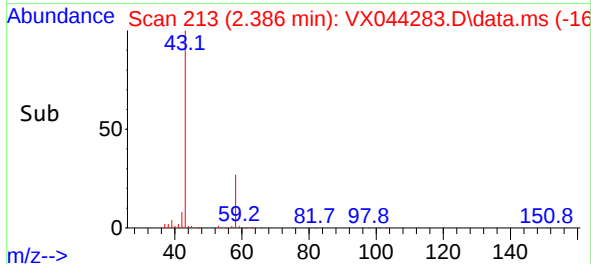
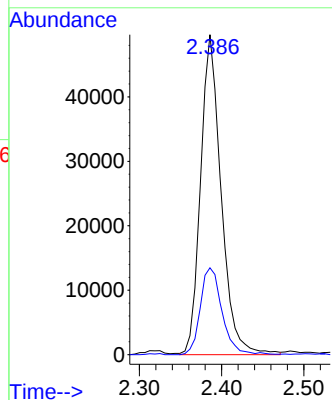
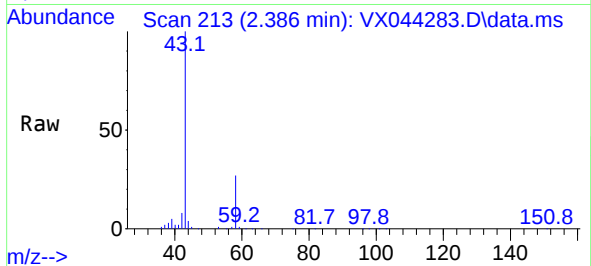




#13
Acetone
Concen: 79.740 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

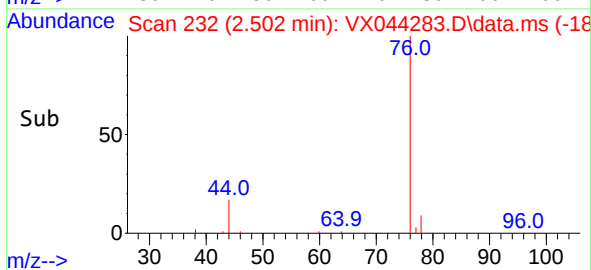
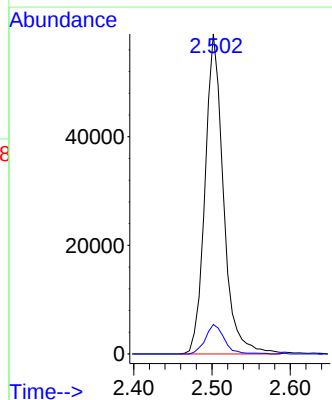
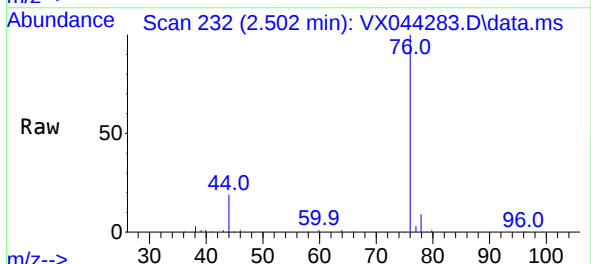
Instrument :
MSVOA_X
ClientSampleId :

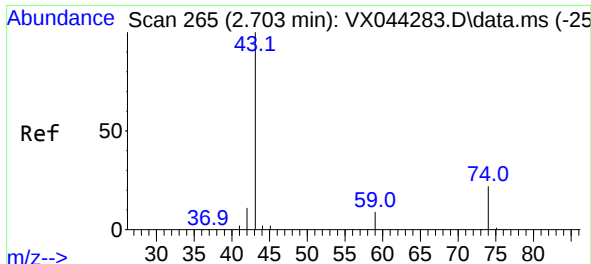
Tgt Ion: 43 Resp: 86518
Ion Ratio Lower Upper
43 100
58 28.3 0.0 66.0



#14
Carbon disulfide
Concen: 39.620 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 76 Resp: 96294
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

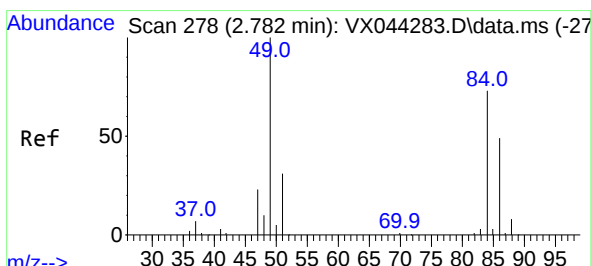
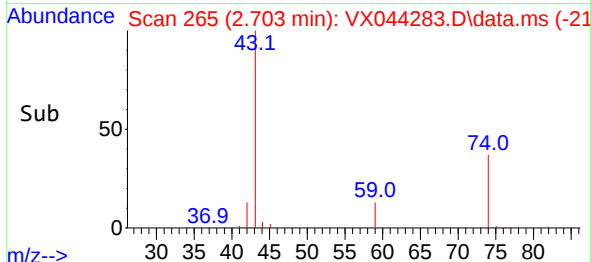
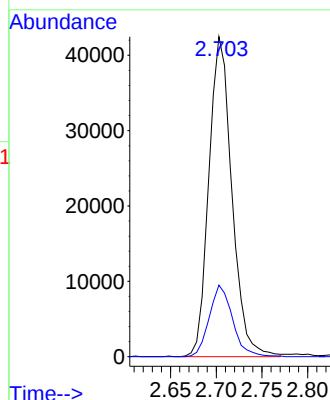
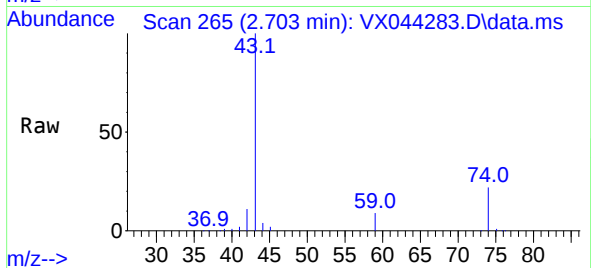




#15
Methyl Acetate
Concen: 42.256 ug/L
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

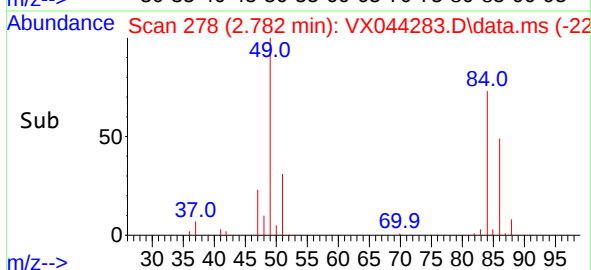
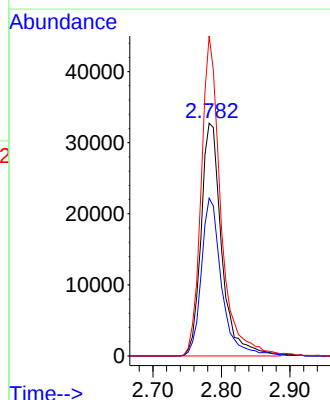
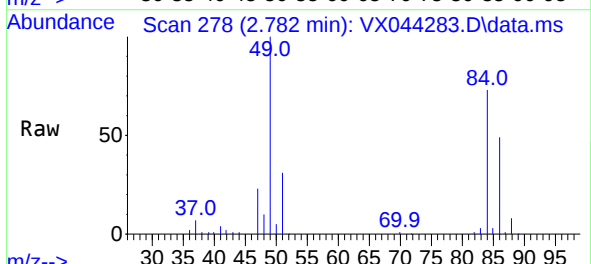
Instrument :
MSVOA_X
ClientSampleId :

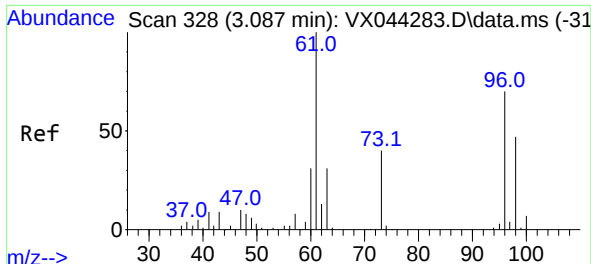
Tgt Ion: 43 Resp: 74348
Ion Ratio Lower Upper
43 100
74 22.6 19.4 29.2



#16
Methylene chloride
Concen: 46.489 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

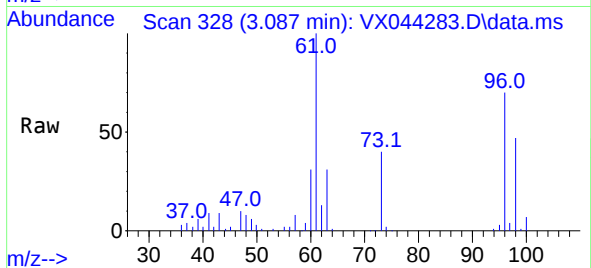
Tgt Ion: 84 Resp: 68636
Ion Ratio Lower Upper
84 100
86 67.7 46.0 85.4
49 137.4 80.8 150.2



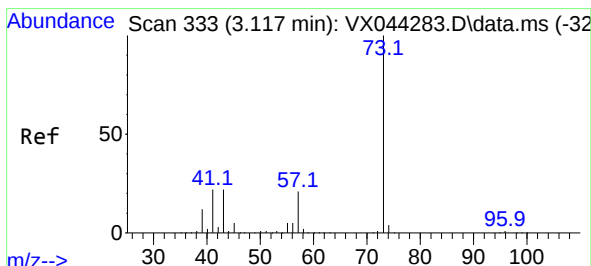
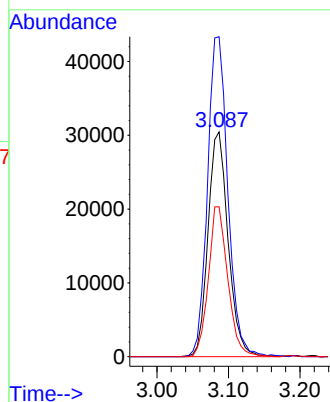
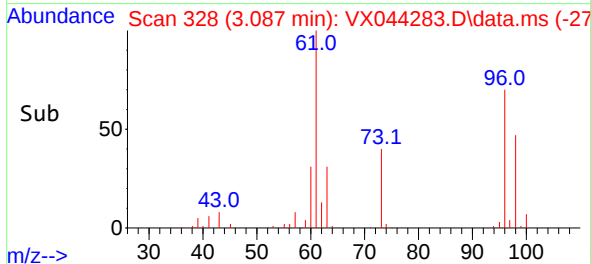


#17
trans-1,2-Dichloroethene
Concen: 44.597 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

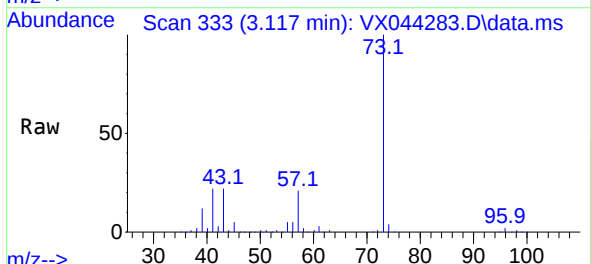
Instrument :
MSVOA_X
ClientSampleId :



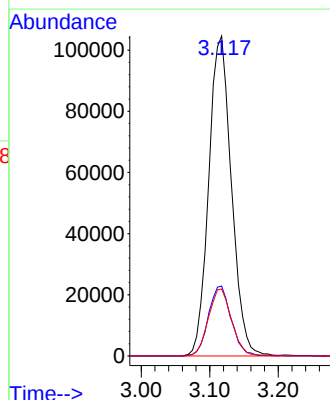
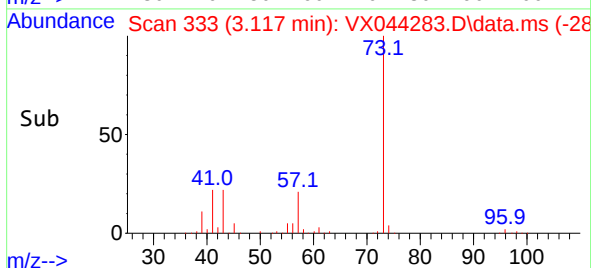
Tgt Ion: 96 Resp: 59591
Ion Ratio Lower Upper
96 100
61 142.3 95.7 177.7
98 66.7 47.2 87.6

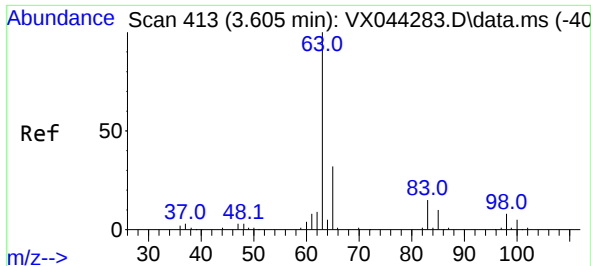


#18
Methyl tert-butyl Ether
Concen: 44.664 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32



Tgt Ion: 73 Resp: 240816
Ion Ratio Lower Upper
73 100
43 21.8 15.2 22.8
57 21.3 17.0 25.6

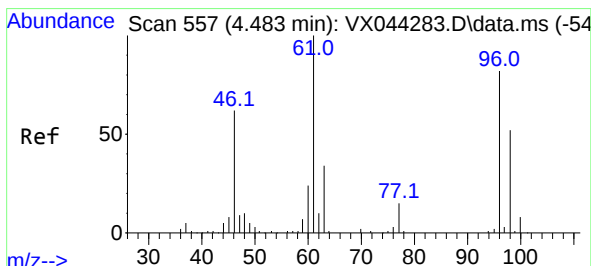
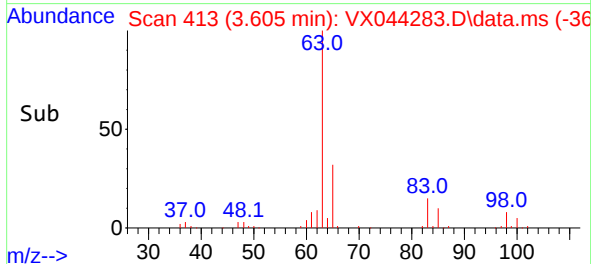
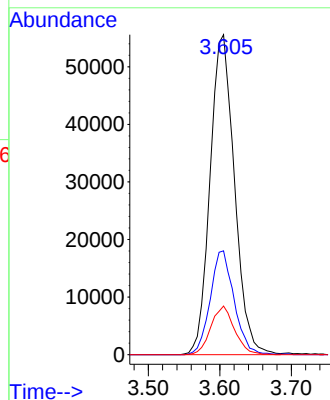
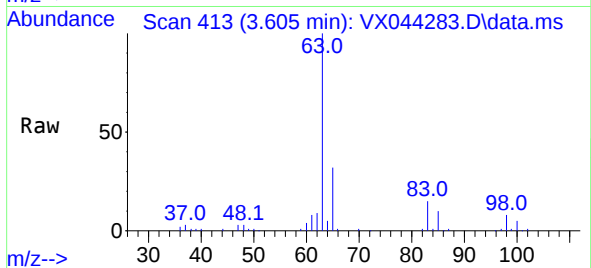




#19
1,1-Dichloroethane
Concen: 47.037 ug/L
RT: 3.605 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

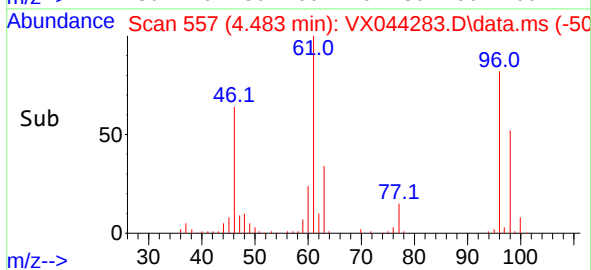
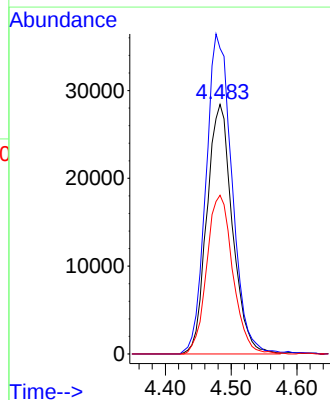
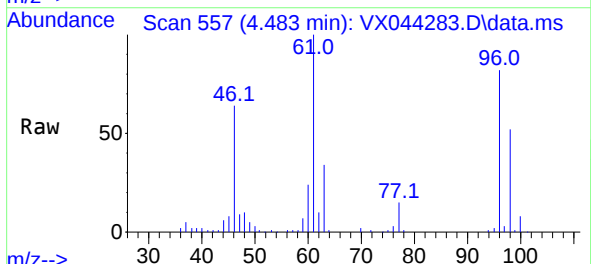
Instrument :
MSVOA_X
ClientSampleId :

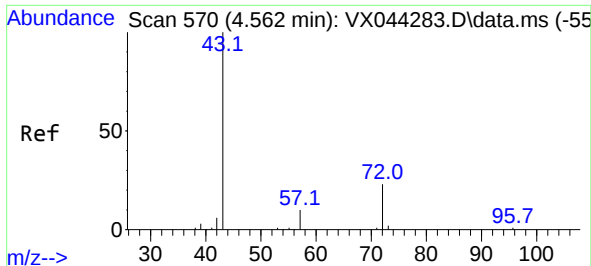
Tgt Ion: 63 Resp: 131855
Ion Ratio Lower Upper
63 100
65 32.4 23.2 43.2
83 15.2 10.0 18.6



#20
cis-1,2-Dichloroethene
Concen: 46.996 ug/L
RT: 4.483 min Scan# 557
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 96 Resp: 76768
Ion Ratio Lower Upper
96 100
61 122.4 85.0 158.0
98 63.6 44.6 82.8

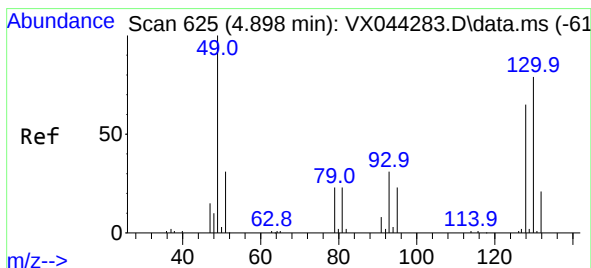
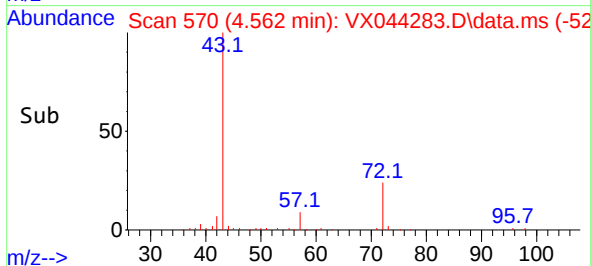
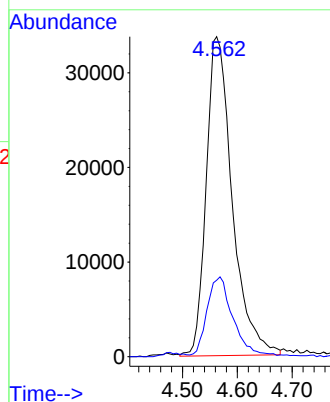
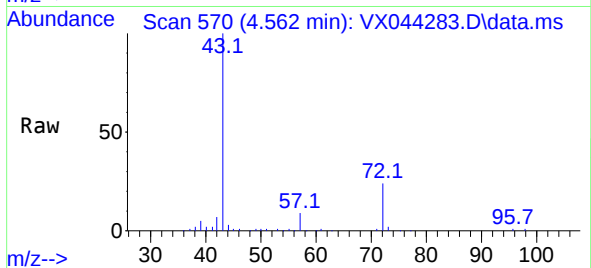




#22
2-Butanone
Concen: 84.858 ug/L
RT: 4.562 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

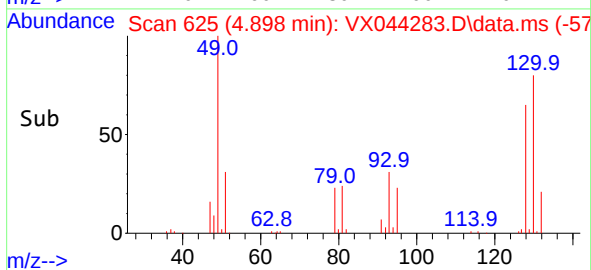
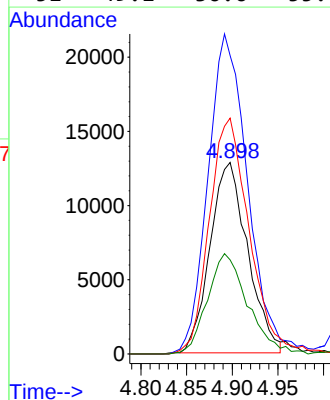
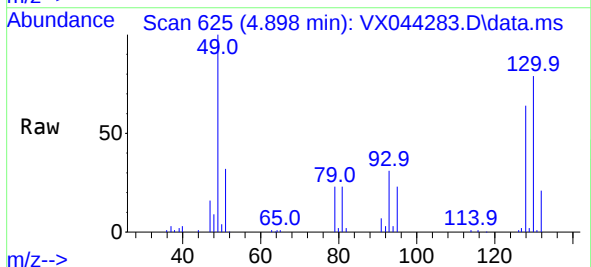
Instrument :
MSVOA_X
ClientSampleId :

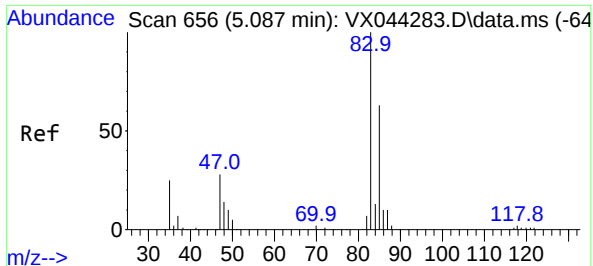
Tgt Ion: 43 Resp: 111127
Ion Ratio Lower Upper
43 100
72 24.9 13.1 39.3



#23
Bromochloromethane
Concen: 46.184 ug/L
RT: 4.898 min Scan# 625
Delta R.T. 0.012 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:128 Resp: 36791
Ion Ratio Lower Upper
128 100
49 155.8 103.7 192.5
130 123.2 89.1 165.5
51 49.1 36.6 55.0





#25

Chloroform

Concen: 46.995 ug/L

RT: 5.087 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

Instrument :

MSVOA_X

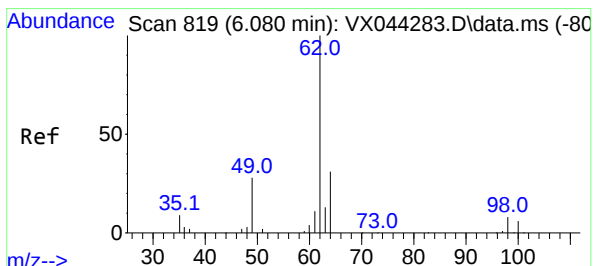
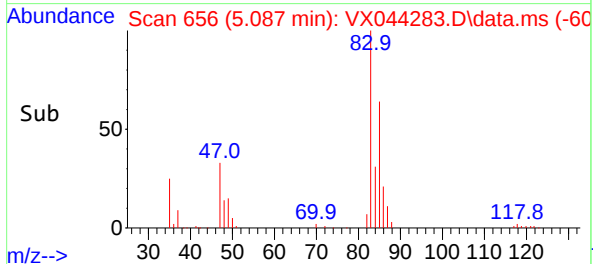
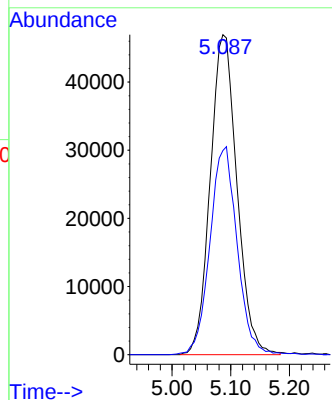
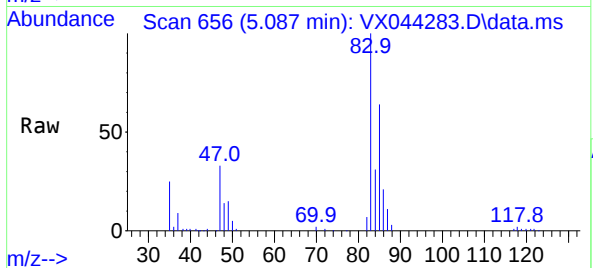
ClientSampleId :

Tgt Ion: 83 Resp: 148267

Ion Ratio Lower Upper

83 100

85 63.8 47.7 88.7



#27

1,2-Dichloroethane

Concen: 45.886 ug/L

RT: 6.080 min Scan# 819

Delta R.T. 0.000 min

Lab File: VX044283.D

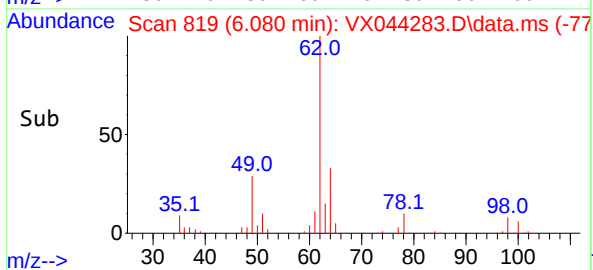
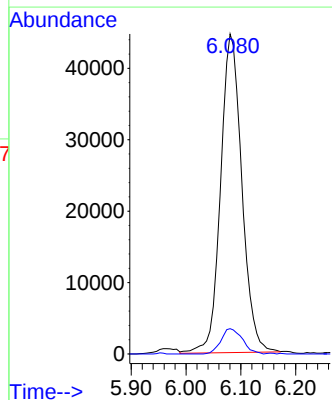
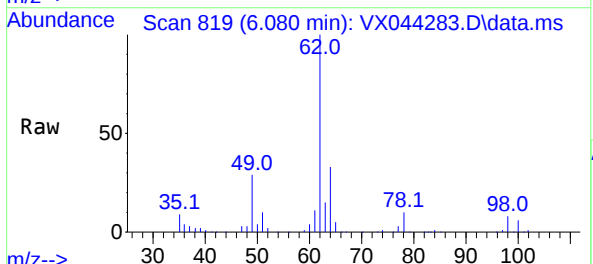
Acq: 13 Dec 2024 15:32

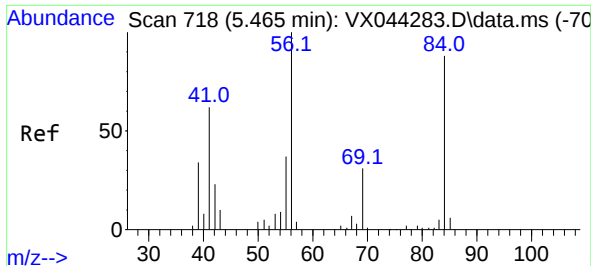
Tgt Ion: 62 Resp: 120351

Ion Ratio Lower Upper

62 100

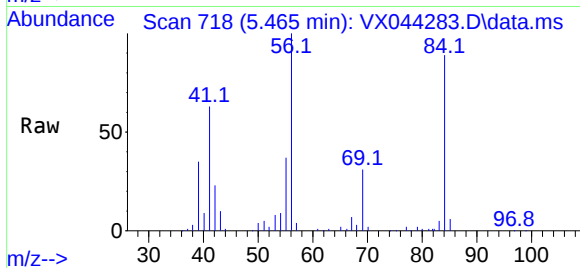
98 7.9 7.7 11.5



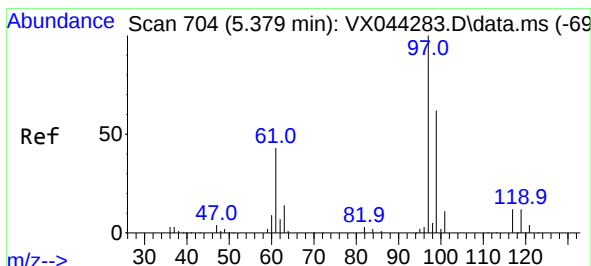
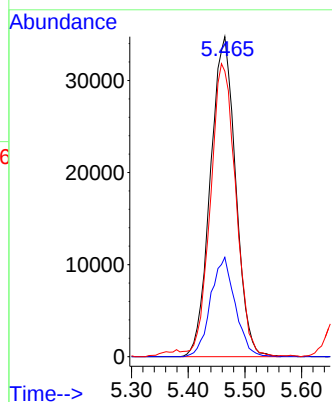
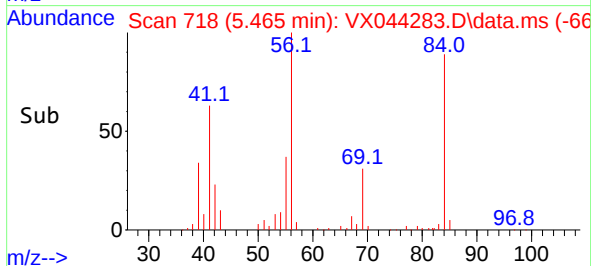


#29
Cyclohexane
Concen: 45.757 ug/L
RT: 5.465 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

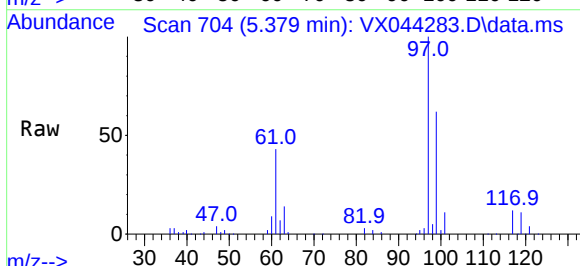
Instrument :
MSVOA_X
ClientSampleId :



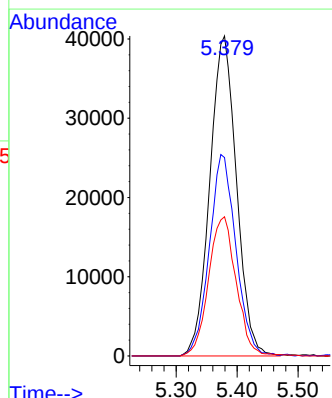
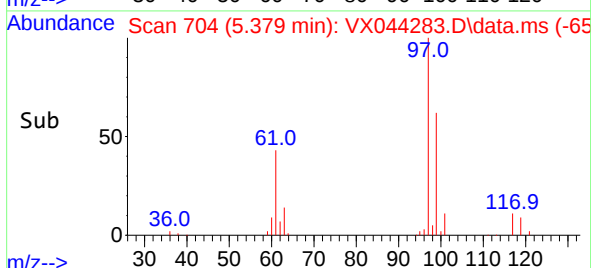
Tgt Ion: 56 Resp: 107630
Ion Ratio Lower Upper
56 100
69 30.2 25.1 37.7
84 91.1 72.9 109.3

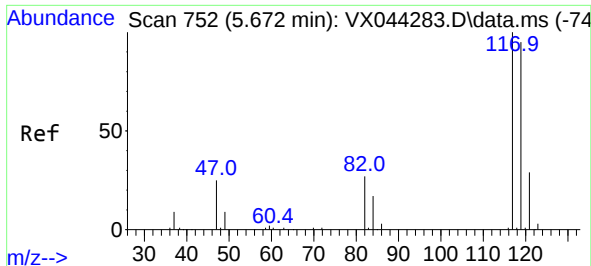


#30
1,1,1-Trichloroethane
Concen: 47.795 ug/L
RT: 5.379 min Scan# 704
Delta R.T. 0.012 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32



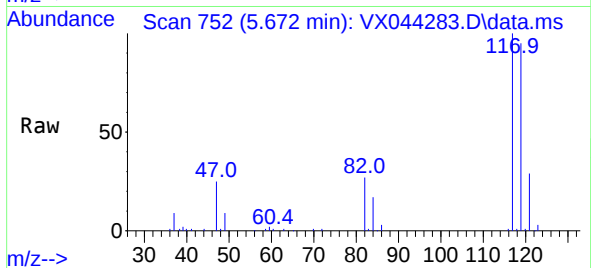
Tgt Ion: 97 Resp: 123000
Ion Ratio Lower Upper
97 100
99 62.7 52.2 78.2
61 44.6 32.8 49.2



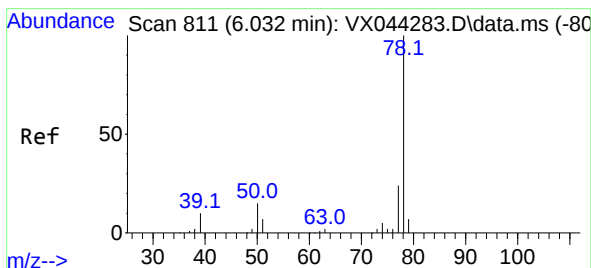
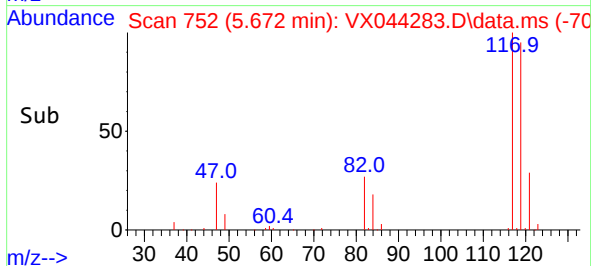
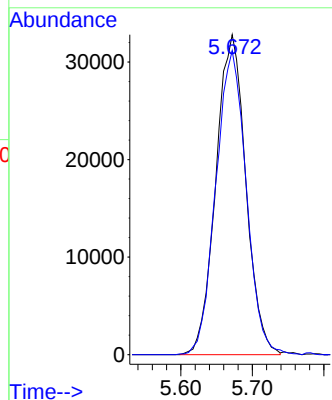


#31
Carbon tetrachloride
Concen: 47.284 ug/L
RT: 5.672 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

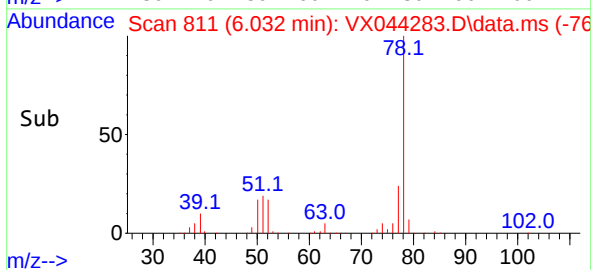
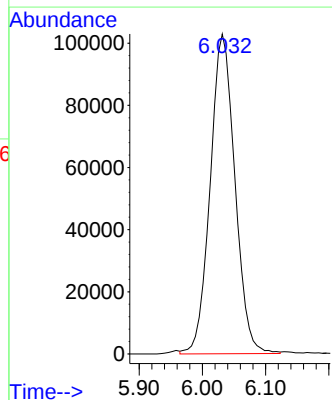
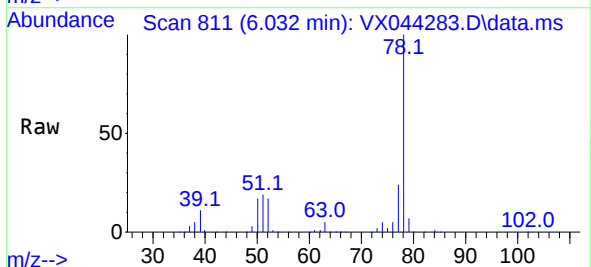


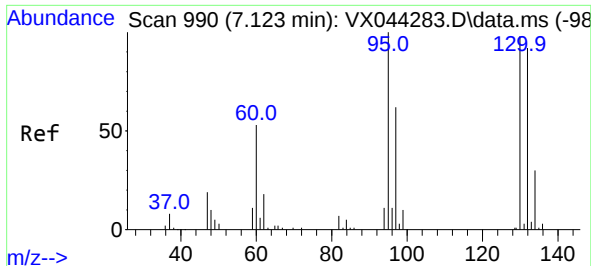
Tgt Ion:117 Resp: 95312
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 48.453 ug/L
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

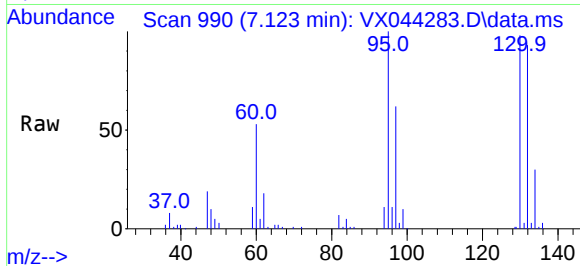
Tgt Ion: 78 Resp: 278947



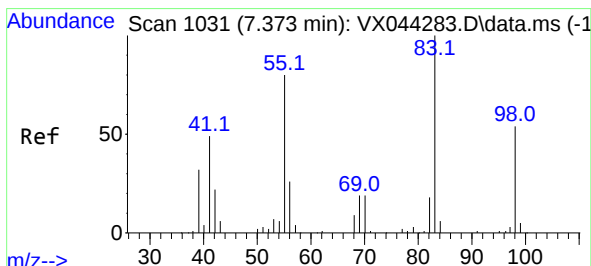
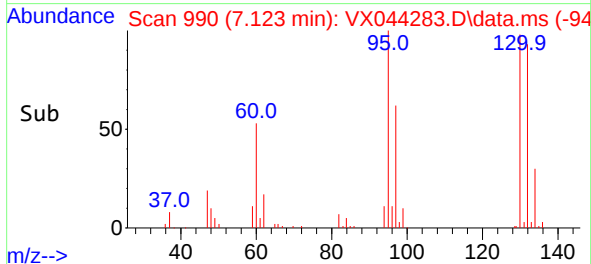
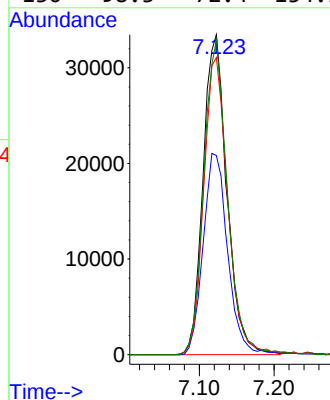


#34
Trichloroethene
Concen: 47.078 ug/L
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

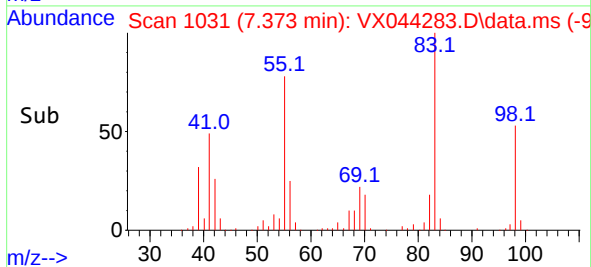
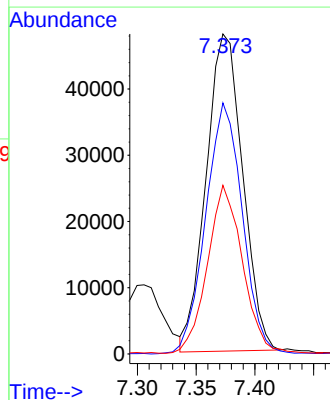
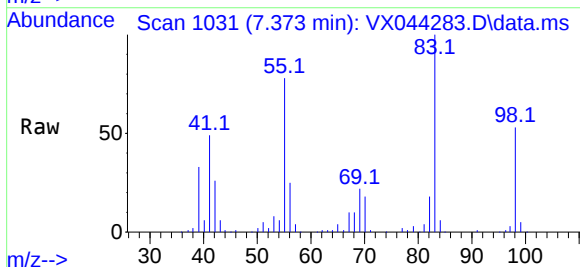


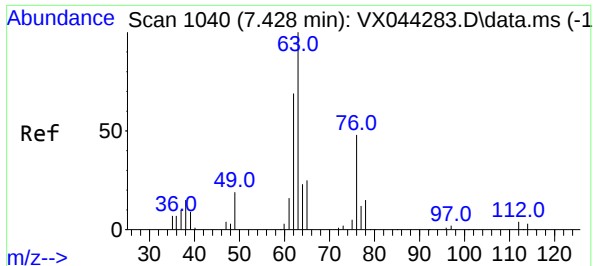
Tgt Ion: 95 Resp: 73996
Ion Ratio Lower Upper
95 100
97 62.3 45.0 83.6
132 92.8 66.6 123.8
130 98.3 72.4 134.5



#35
Methylcyclohexane
Concen: 45.556 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 83 Resp: 103727
Ion Ratio Lower Upper
83 100
55 79.6 58.5 87.7
98 51.0 40.5 60.7

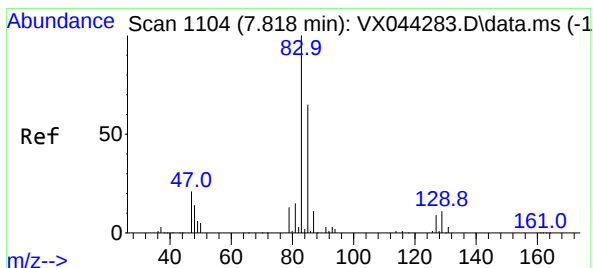
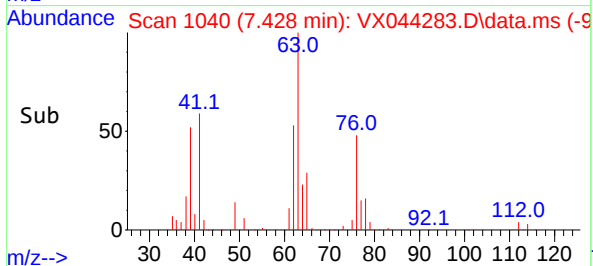
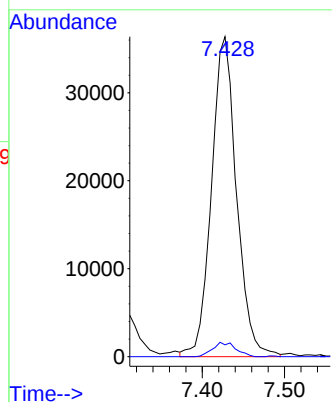
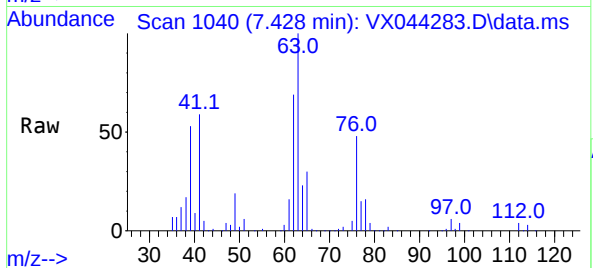




#37
1,2-Dichloropropane
Concen: 49.889 ug/L
RT: 7.428 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

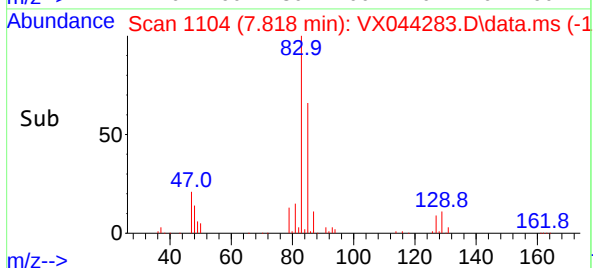
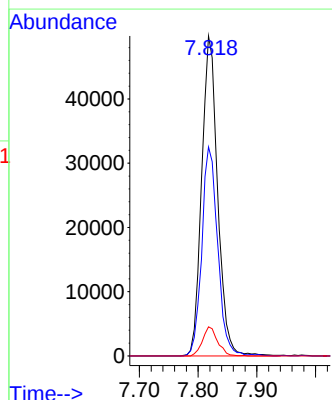
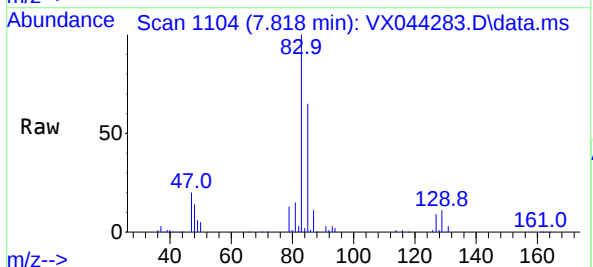
Instrument :
MSVOA_X
ClientSampleId :

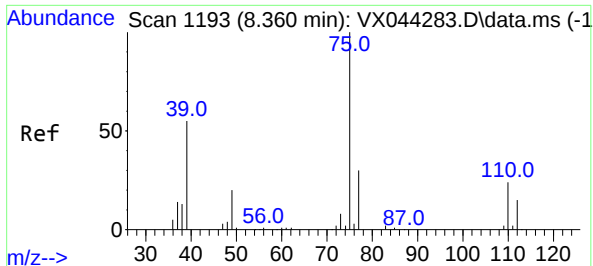
Tgt Ion: 63 Resp: 77121
Ion Ratio Lower Upper
63 100
112 4.1 3.6 5.4



#38
Bromodichloromethane
Concen: 46.524 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 83 Resp: 94225
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
127 9.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 47.308 ug/L

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

Instrument :

MSVOA_X

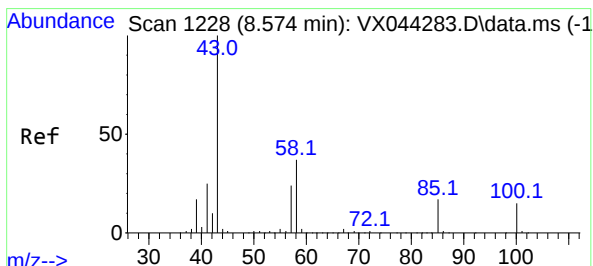
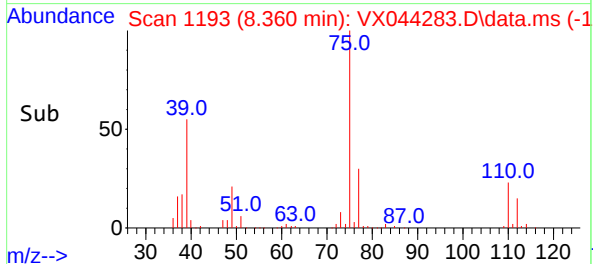
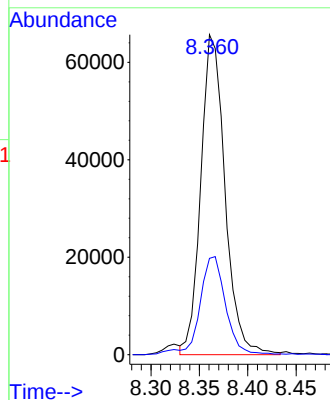
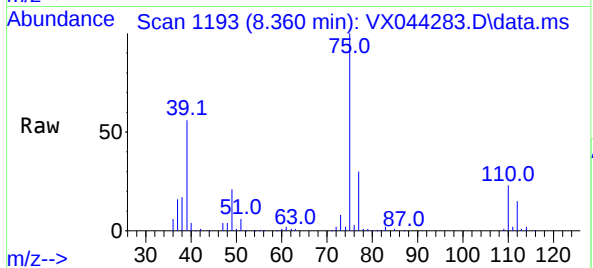
ClientSampleId :

Tgt Ion: 75 Resp: 114545

Ion Ratio Lower Upper

75 100

77 30.1 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 88.963 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

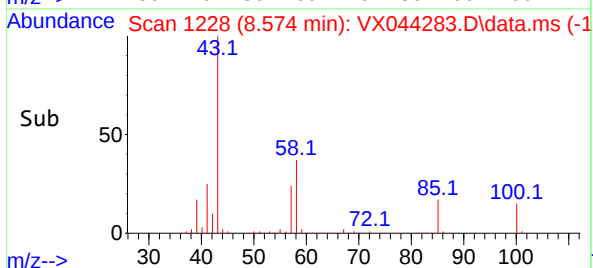
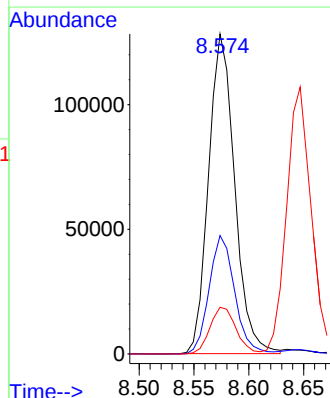
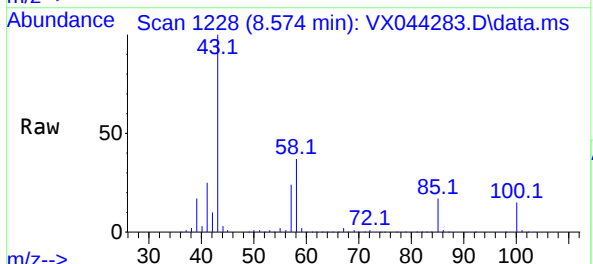
Tgt Ion: 43 Resp: 212910

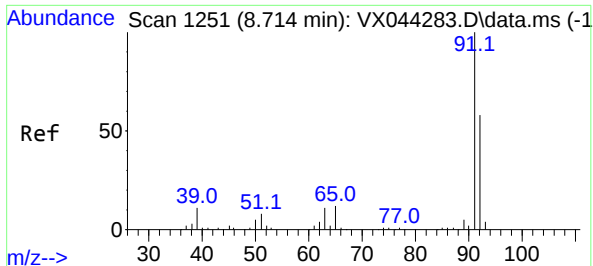
Ion Ratio Lower Upper

43 100

58 36.2 32.4 48.6

100 14.7 13.7 20.5





#42

Toluene

Concen: 48.022 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

Instrument :

MSVOA_X

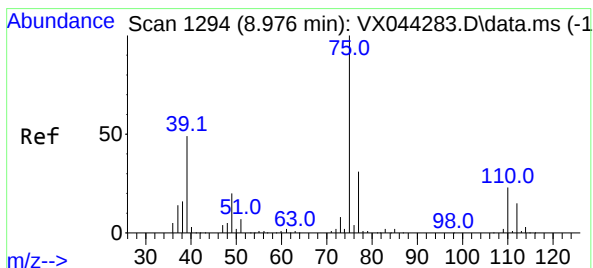
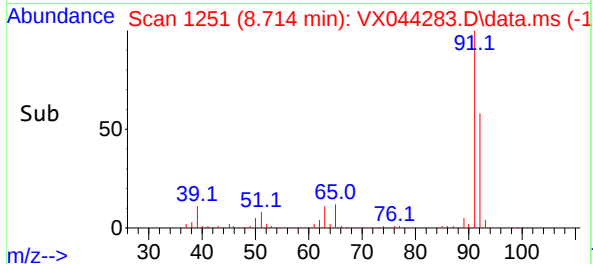
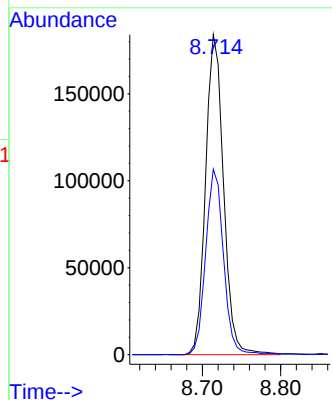
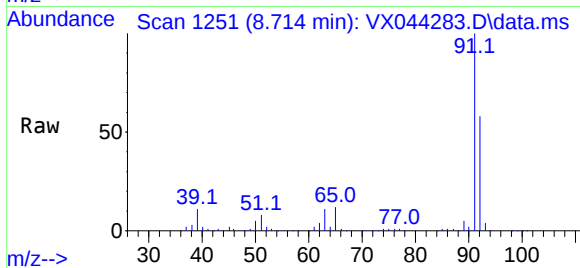
ClientSampleId :

Tgt Ion: 91 Resp: 292933

Ion Ratio Lower Upper

91 100

92 57.9 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 46.487 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044283.D

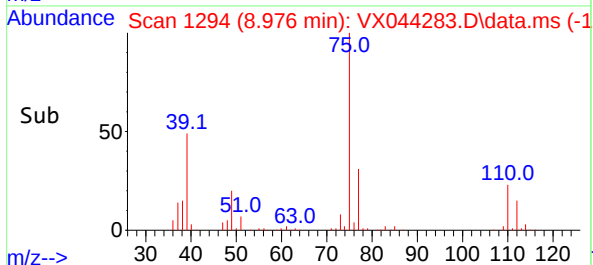
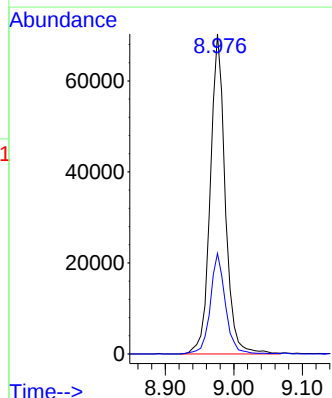
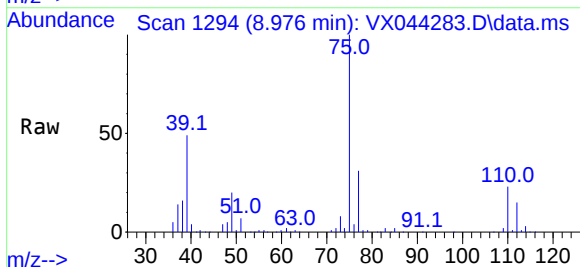
Acq: 13 Dec 2024 15:32

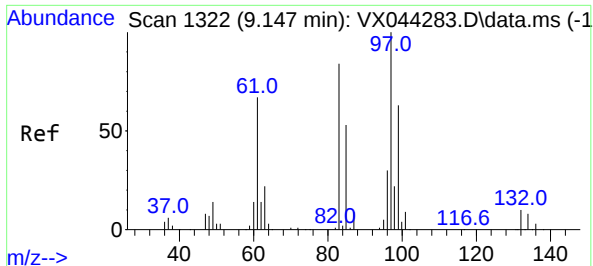
Tgt Ion: 75 Resp: 106687

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.6

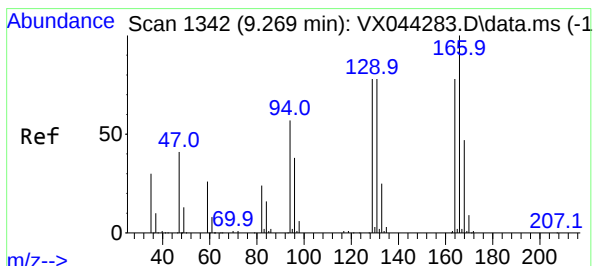
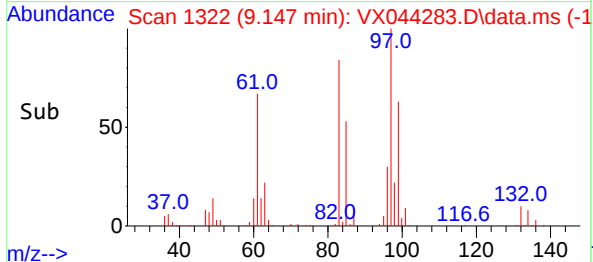
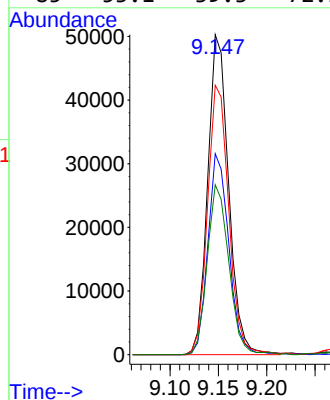
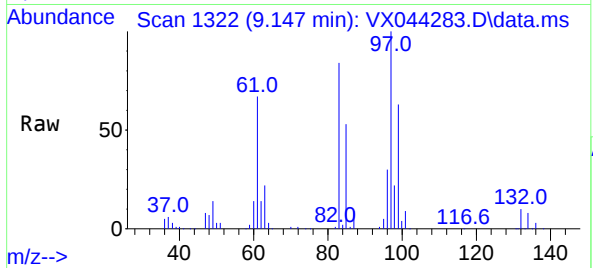




#45
1,1,2-Trichloroethane
Concen: 47.749 ug/L
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

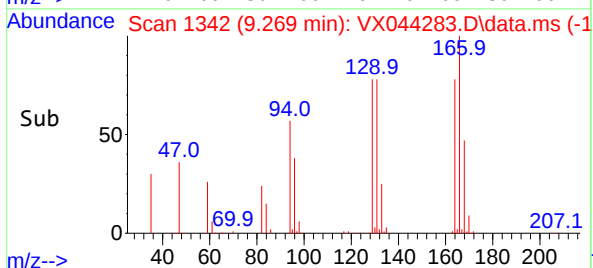
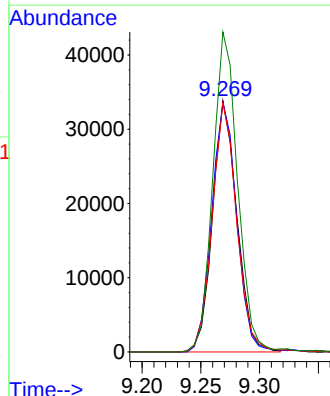
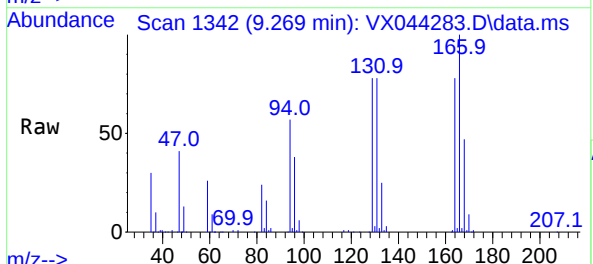
Instrument :
MSVOA_X
ClientSampleId :

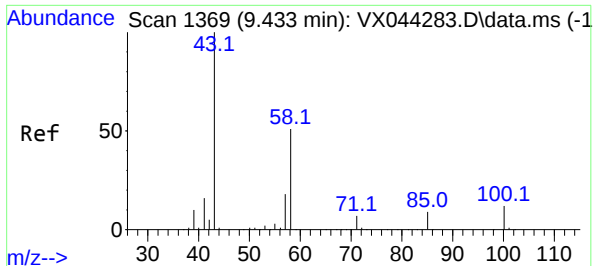
Tgt Ion: 97	Resp: 75643
Ion Ratio	Lower Upper
97 100	
99 62.8	43.4 80.6
83 84.2	60.2 111.8
85 53.1	39.3 72.9



#46
Tetrachloroethene
Concen: 46.480 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt	Ion:164	Resp:	48734
Ion	Ratio	Lower	Upper
164	100		
129	99.5	73.6	136.6
131	99.3	70.2	130.4
166	127.4	92.0	170.8



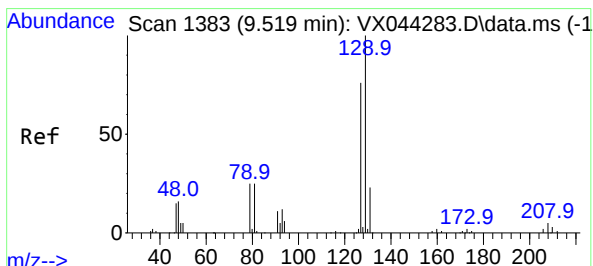
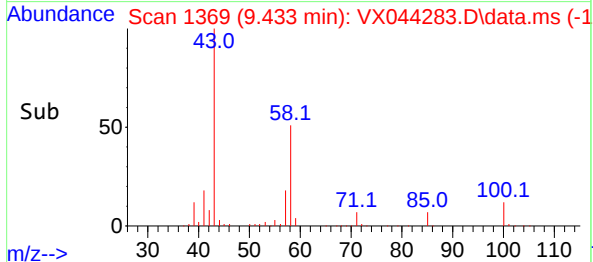
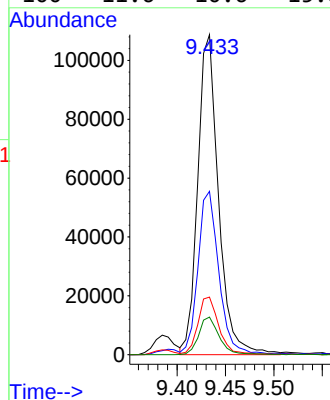
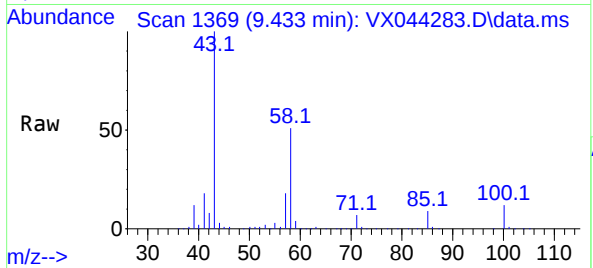


#48
2-Hexanone
Concen: 86.387 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 43 Resp: 162783

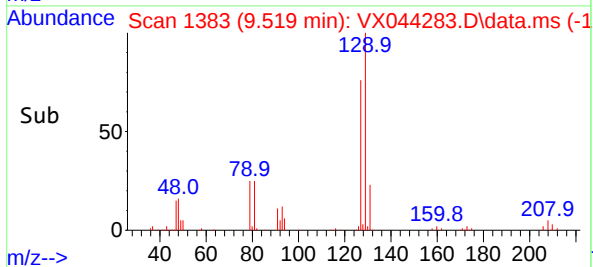
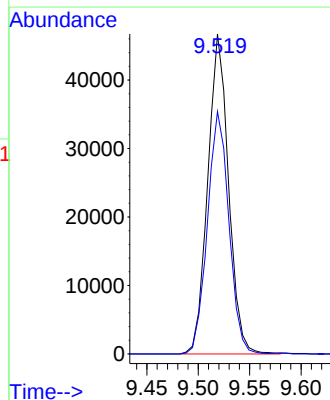
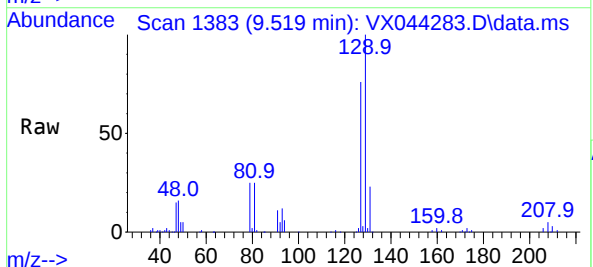
Ion	Ratio	Lower	Upper
43	100		
58	51.0	45.4	68.2
57	18.3	15.4	23.0
100	11.6	10.6	15.8

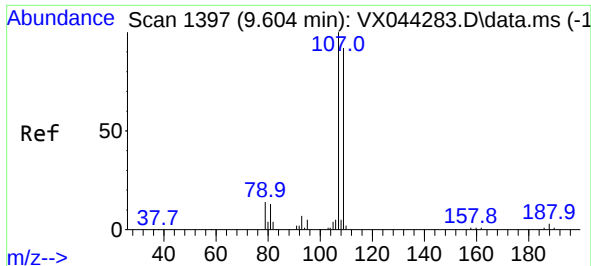


#49
Dibromochloromethane
Concen: 46.892 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 129 Resp: 65661

Ion	Ratio	Lower	Upper
129	100		
127	75.8	53.5	99.5

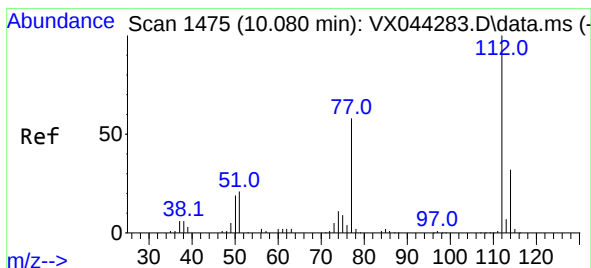
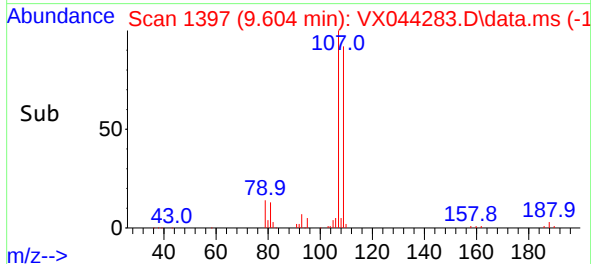
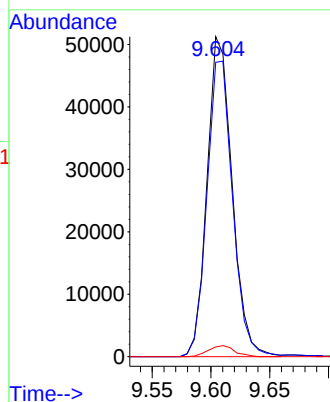
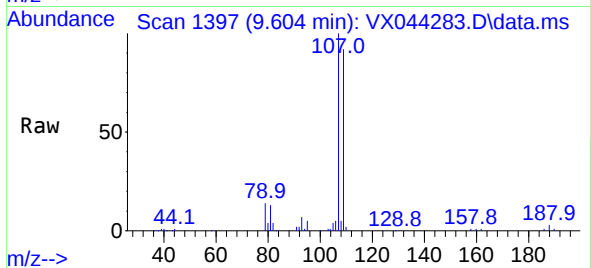




#50
1,2-Dibromoethane
Concen: 46.560 ug/L
RT: 9.604 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

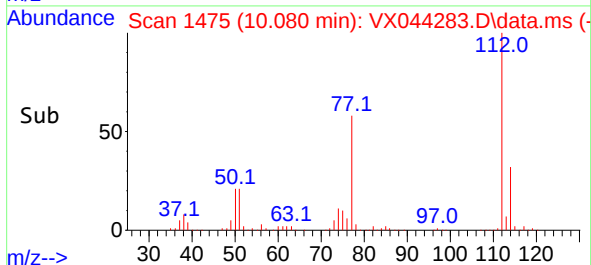
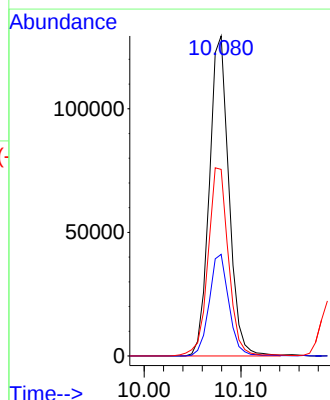
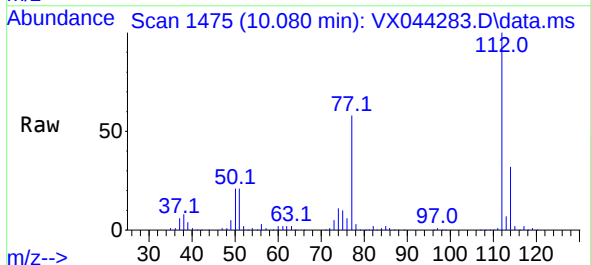
Instrument :
MSVOA_X
ClientSampleId :

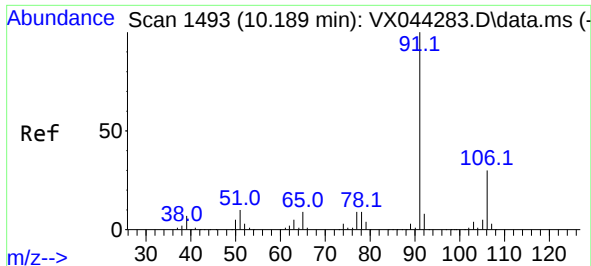
Tgt Ion:107 Resp: 76172
Ion Ratio Lower Upper
107 100
109 92.0 65.5 121.7
188 3.0 2.6 4.0



#51
Chlorobenzene
Concen: 46.523 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:112 Resp: 182070
Ion Ratio Lower Upper
112 100
114 31.7 22.9 42.5
77 58.3 48.0 72.0

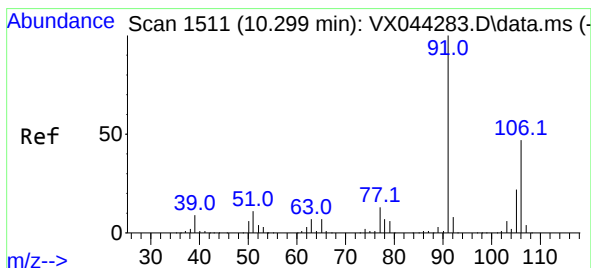
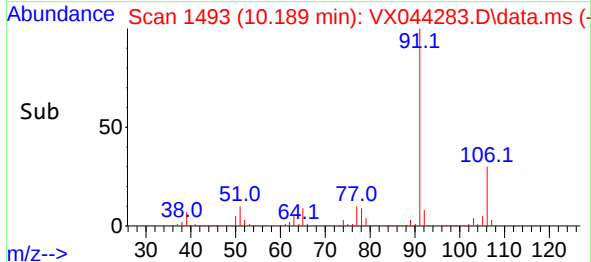
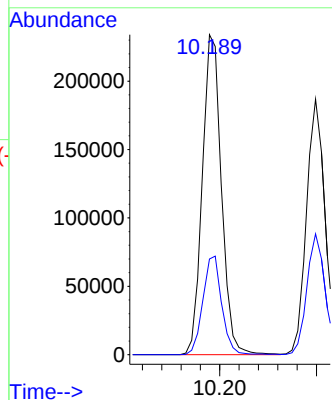
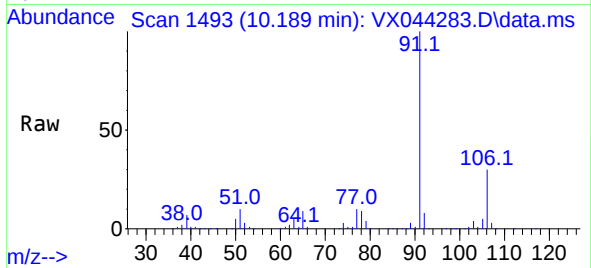




#52
Ethylbenzene
Concen: 47.962 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

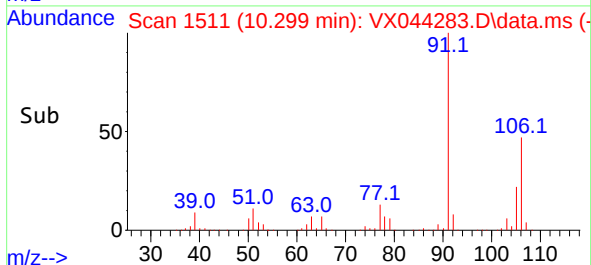
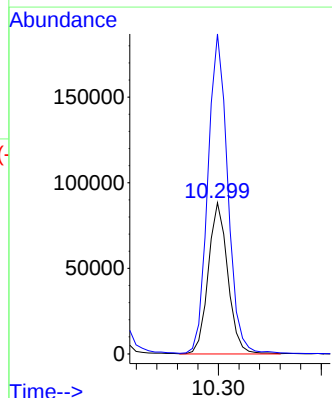
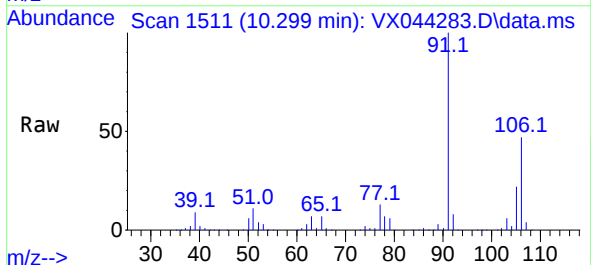
Instrument :
MSVOA_X
ClientSampleId :

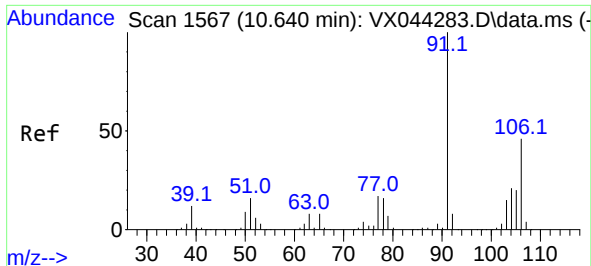
Tgt Ion: 91 Resp: 322266
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 47.921 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:106 Resp: 116625
Ion Ratio Lower Upper
106 100
91 211.7 147.5 273.9

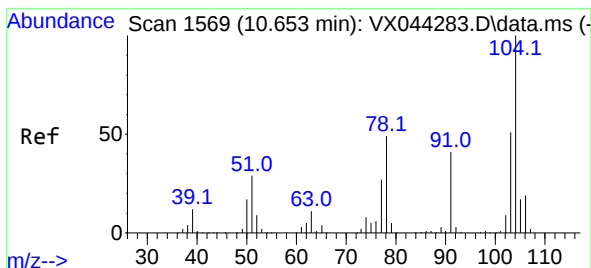
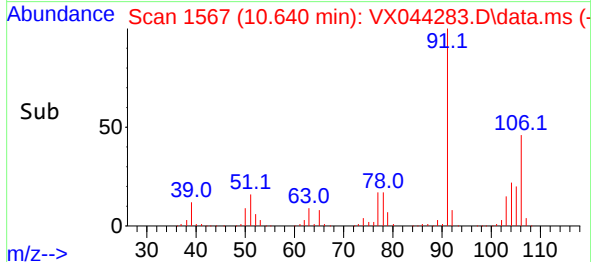
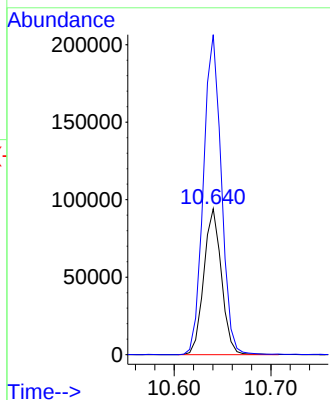
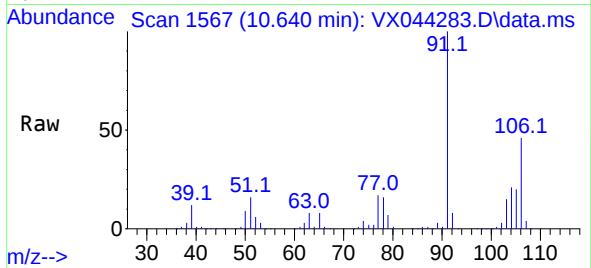




#54
o-Xylene
Concen: 47.743 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

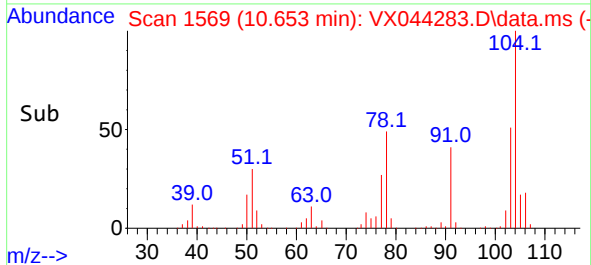
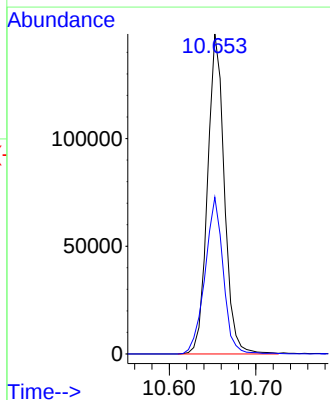
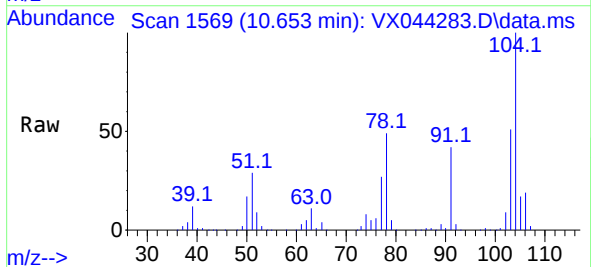
Instrument :
MSVOA_X
ClientSampleId :

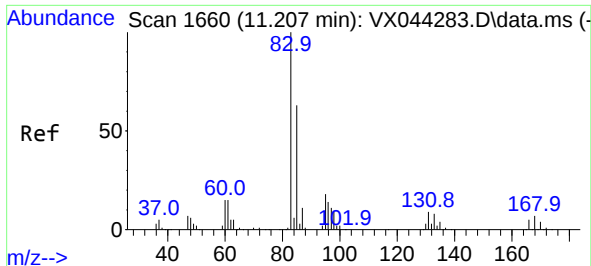
Tgt Ion:106 Resp: 119483
Ion Ratio Lower Upper
106 100
91 219.3 153.7 285.5



#55
Styrene
Concen: 49.140 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:104 Resp: 200575
Ion Ratio Lower Upper
104 100
78 49.0 32.8 60.8

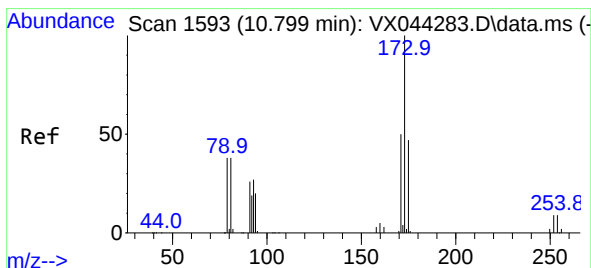
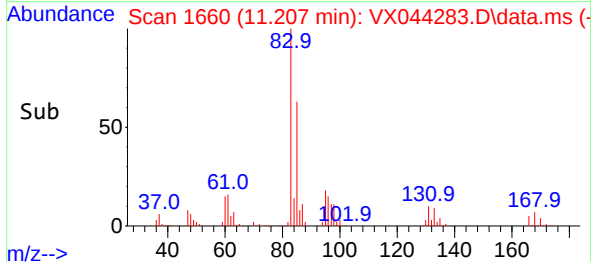
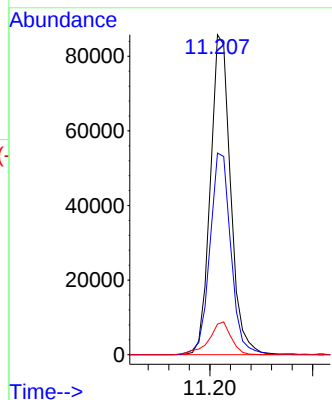
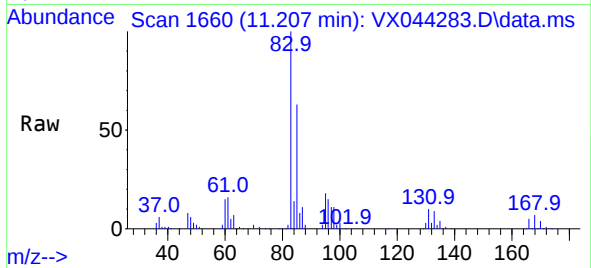




#57
1,1,2,2-Tetrachloroethane
Concen: 47.606 ug/L
RT: 11.207 min Scan# 116990
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

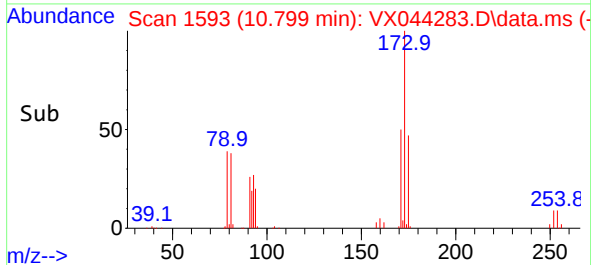
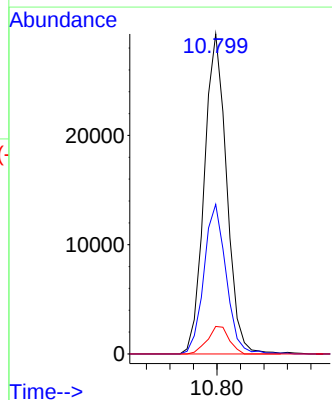
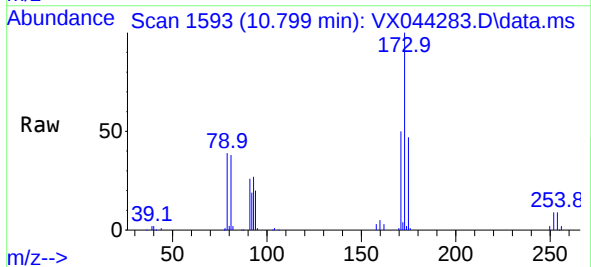
Instrument :
MSVOA_X
ClientSampleId :

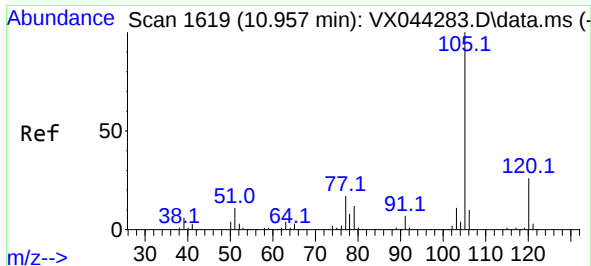
Tgt Ion: 83 Resp: 116990
Ion Ratio Lower Upper
83 100
85 63.0 46.0 85.4
131 9.6 8.8 13.2



#59
Bromoform
Concen: 43.885 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:173 Resp: 38623
Ion Ratio Lower Upper
173 100
175 46.5 40.0 60.0
254 8.4 6.3 9.5

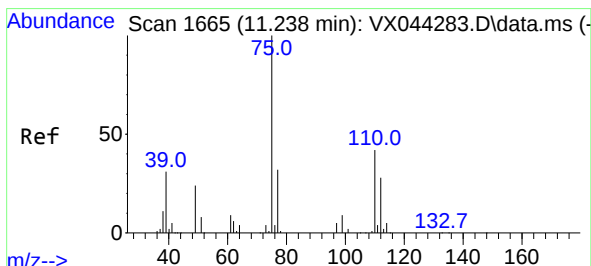
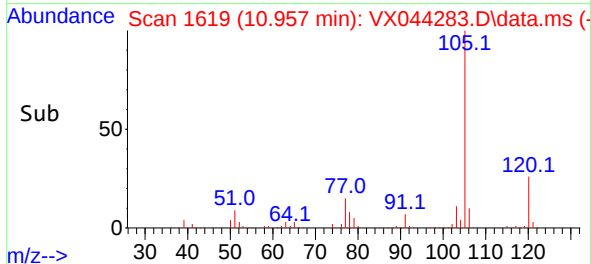
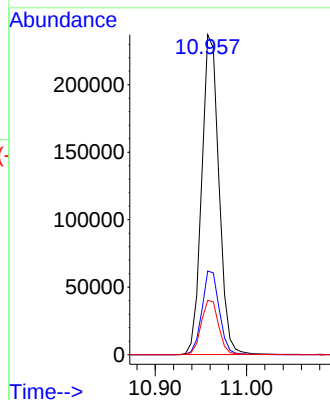
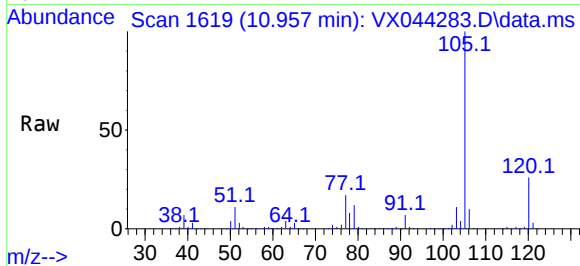




#60
Isopropylbenzene
Concen: 45.954 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

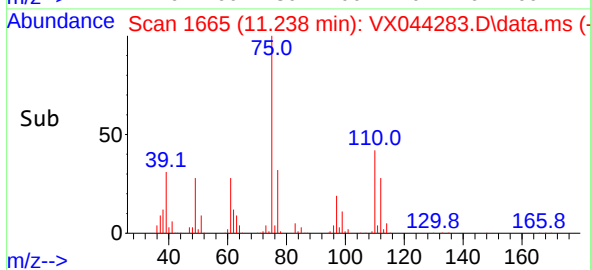
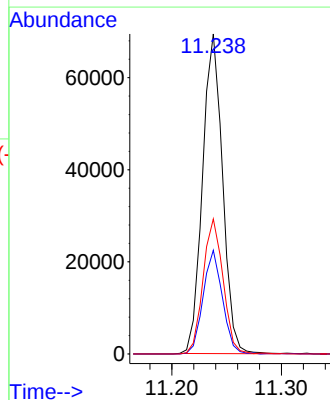
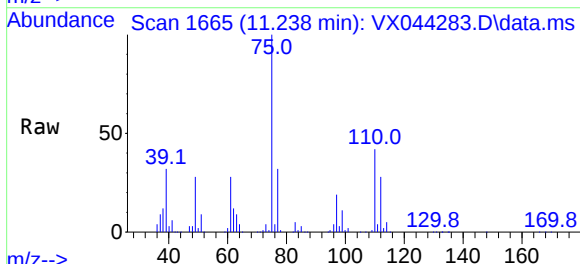
Instrument :
MSVOA_X
ClientSampleId :

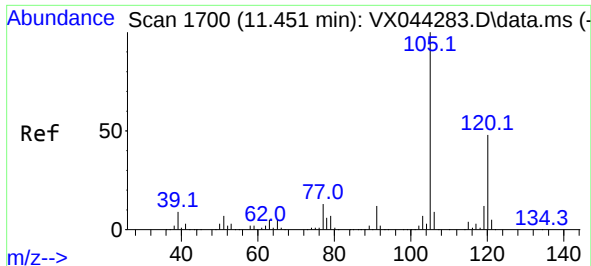
Tgt Ion:105 Resp: 311028
Ion Ratio Lower Upper
105 100
120 26.3 20.6 31.0
77 17.2 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 43.404 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion: 75 Resp: 88176
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6
110 42.0 33.3 49.9

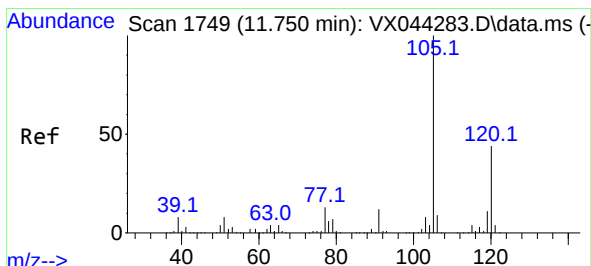
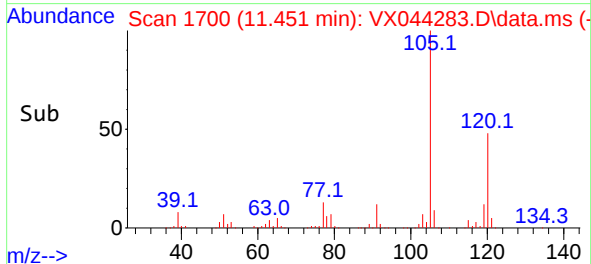
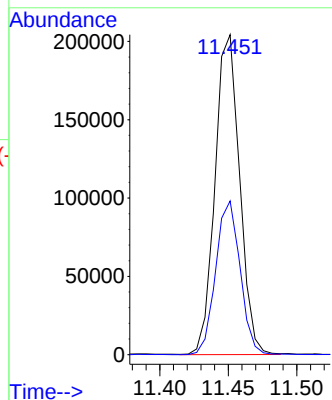
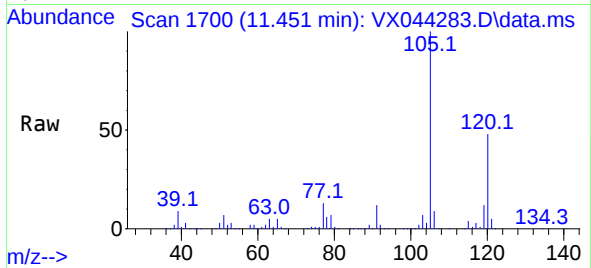




#62
1,3,5-Trimethylbenzene
Concen: 45.446 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

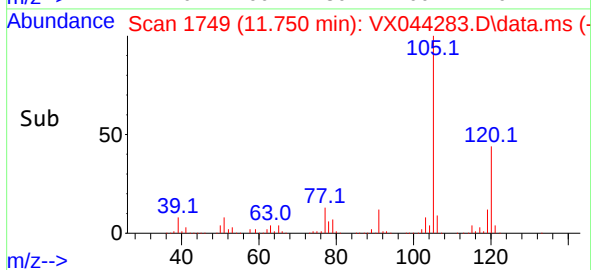
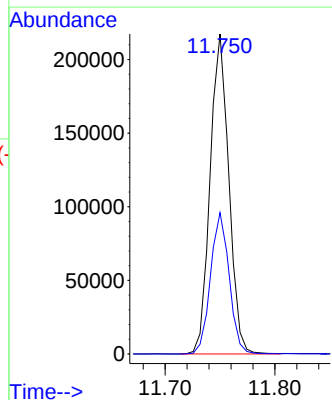
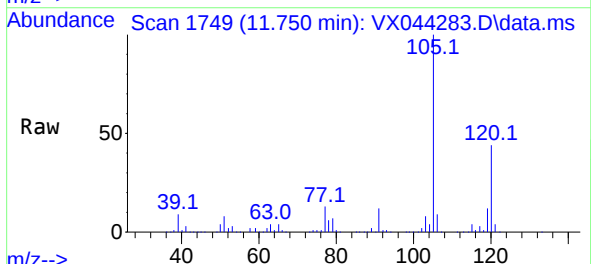
Instrument :
MSVOA_X
ClientSampleId :

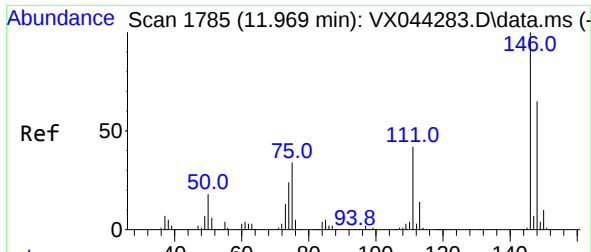
Tgt Ion:105 Resp: 255265
Ion Ratio Lower Upper
105 100
120 47.6 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 46.780 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:105 Resp: 257875
Ion Ratio Lower Upper
105 100
120 43.7 34.5 51.7

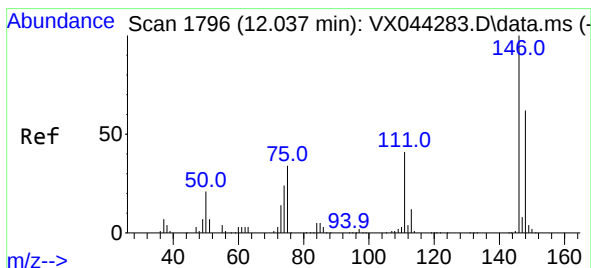
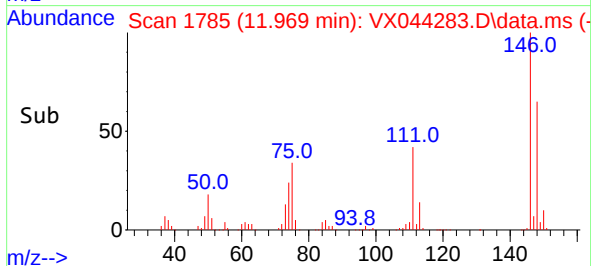
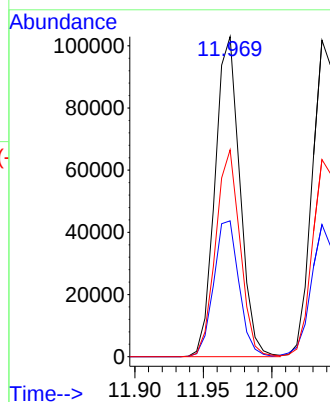
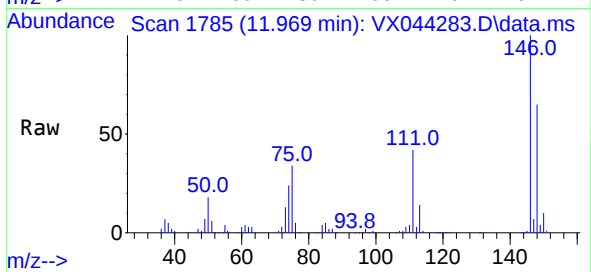




#64
1,3-Dichlorobenzene
Concen: 46.242 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

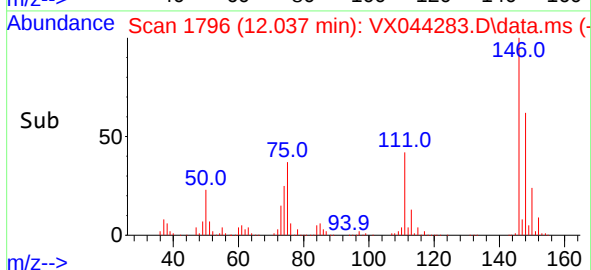
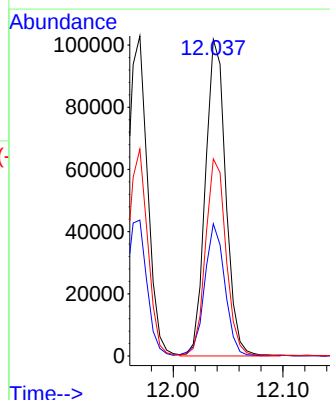
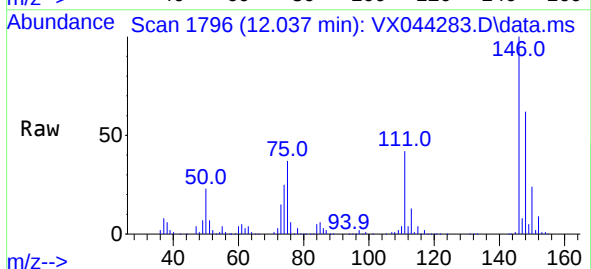
Instrument :
MSVOA_X
ClientSampleId :

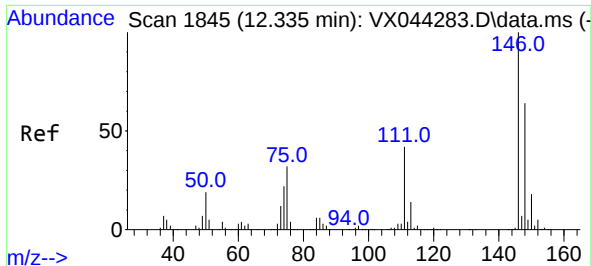
Tgt Ion:146 Resp: 129800
Ion Ratio Lower Upper
146 100
111 42.4 28.8 53.4
148 64.7 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 46.867 ug/L
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:146 Resp: 131646
Ion Ratio Lower Upper
146 100
111 41.8 29.5 54.7
148 62.3 43.2 80.2





#67

1,2-Dichlorobenzene

Concen: 47.534 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

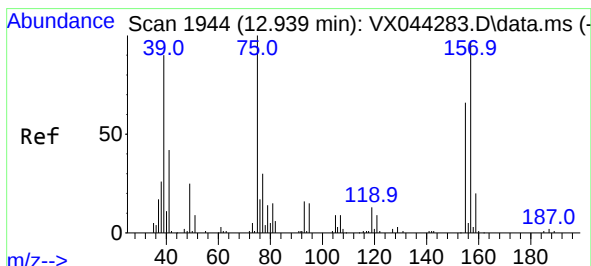
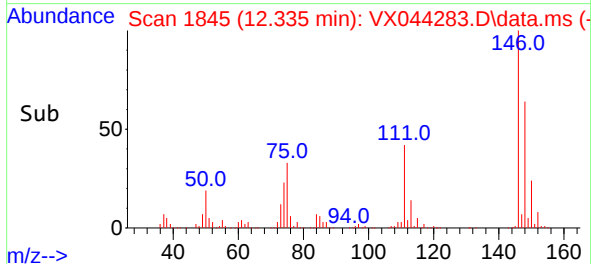
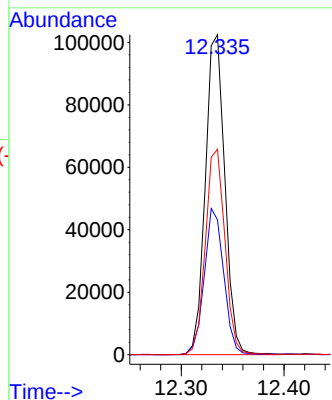
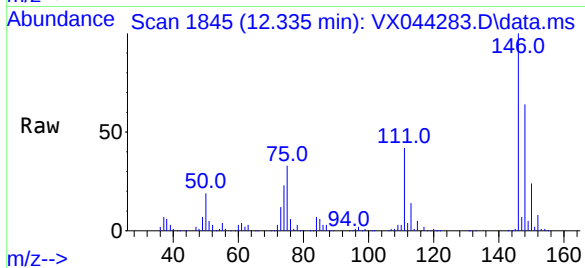
Tgt Ion:146 Resp: 135474

Ion Ratio Lower Upper

146 100

111 42.2 34.3 51.5

148 64.2 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 40.759 ug/L

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

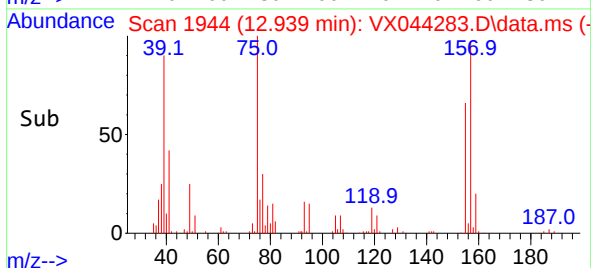
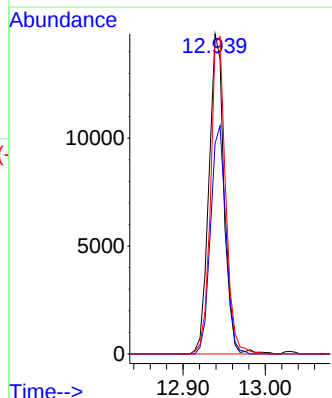
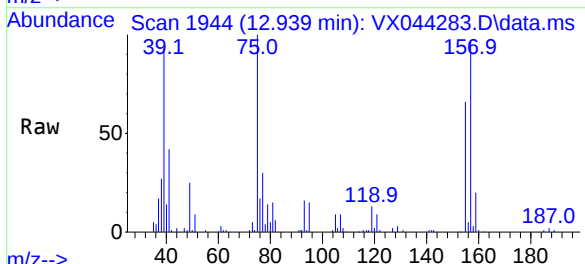
Tgt Ion: 75 Resp: 18819

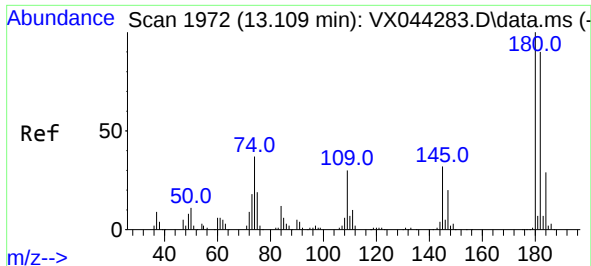
Ion Ratio Lower Upper

75 100

155 65.7 60.5 90.7

157 97.1 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 46.490 ug/L

RT: 13.109 min Scan# 1972

Delta R.T. 0.000 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 81417

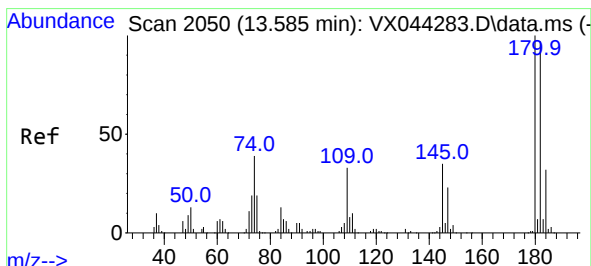
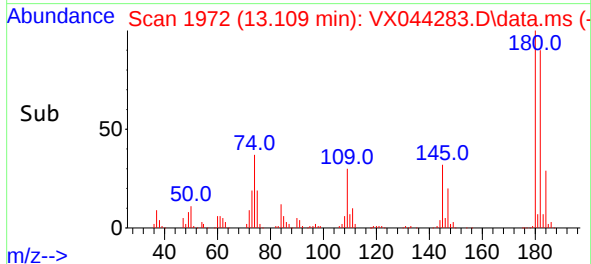
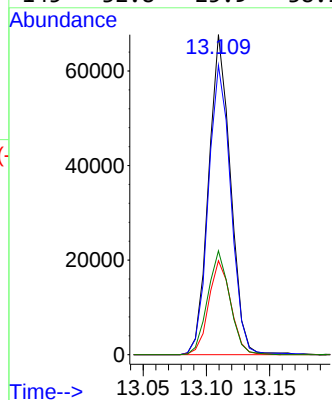
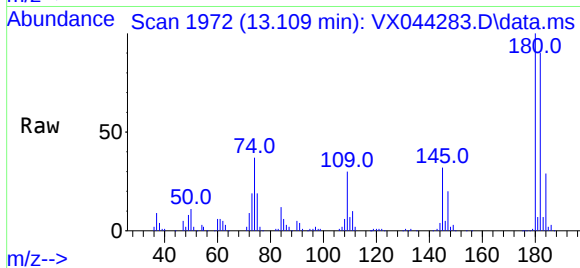
Ion Ratio Lower Upper

180 100

182 92.7 76.7 115.1

184 29.7 24.2 36.4

145 32.8 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 45.831 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044283.D

Acq: 13 Dec 2024 15:32

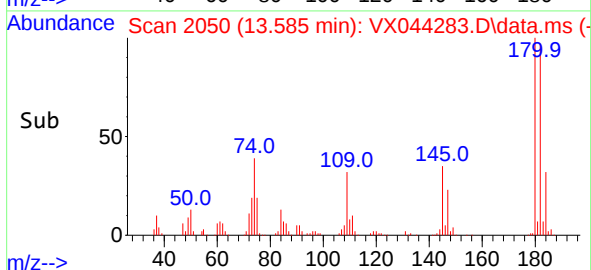
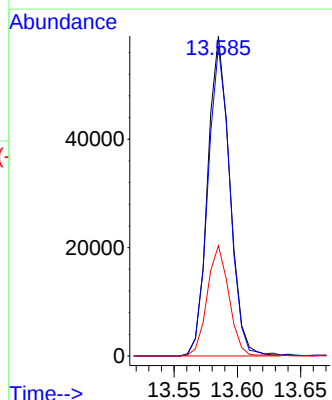
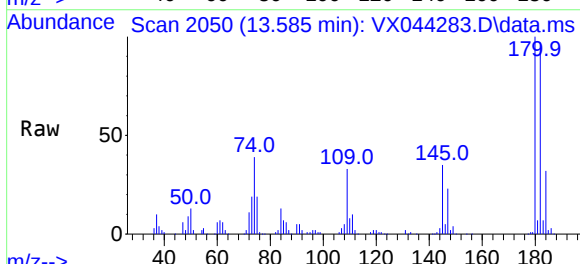
Tgt Ion:180 Resp: 71495

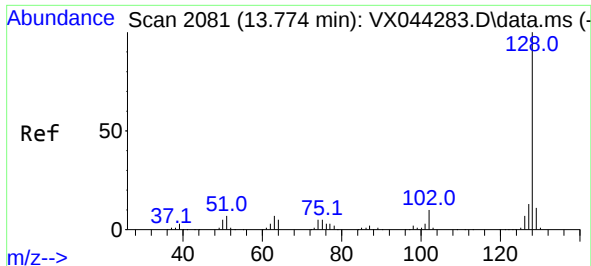
Ion Ratio Lower Upper

180 100

182 96.7 74.1 111.1

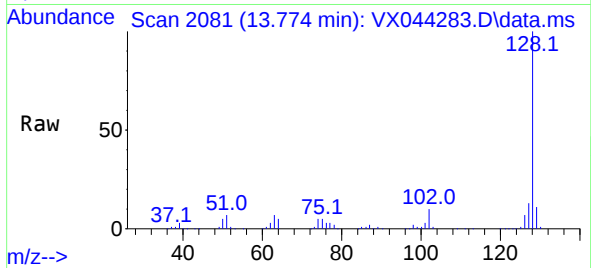
145 33.7 25.3 37.9



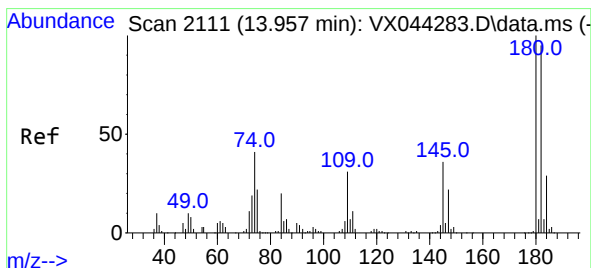
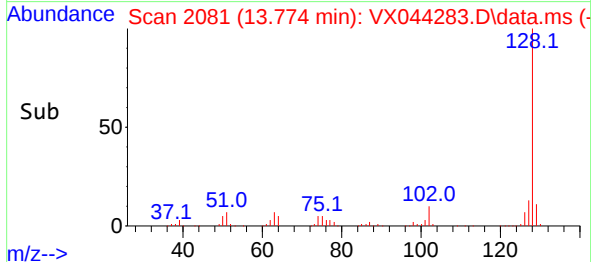
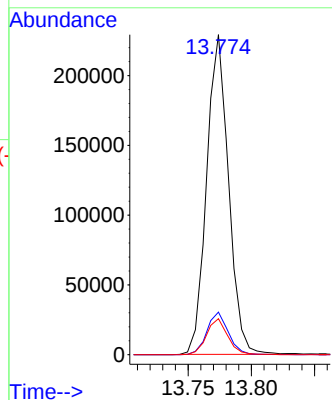


#71
Naphthalene
Concen: 43.407 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 276068
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 45.143 ug/L
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044283.D
Acq: 13 Dec 2024 15:32

Tgt Ion:180 Resp: 74811
Ion Ratio Lower Upper
180 100
182 98.0 73.8 110.6
145 35.2 27.4 41.2

