

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044139.D
 Acq On : 05 Dec 2024 11:01
 Operator : JC/MD
 Sample : VSTD05050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 06 03:30:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:29:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	223106	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	193297	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	102957	50.000	ug/L	0.00
7) Chloroethane-d5	1.727	69	6213	4.340	ug/L	0.09
11) 1,1-Dichloroethene-d2	2.294	65	43247	50.000	ug/L	0.00
21) 2-Butanone-d5	4.465	46	125498	100.000	ug/L	0.00
24) Chloroform-d	5.050	84	192962	50.000	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	134808	50.000	ug/L	0.00
32) Benzene-d6	5.964	84	344460	50.000	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	106366	50.000	ug/L	0.00
41) Toluene-d8	8.647	98	314873	50.000	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	51453	50.000	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	85221	100.000	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145275	50.000	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	100889	50.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	91650	50.000	ug/L	98
3) Chloromethane	1.295	50	83005	50.000	ug/L	97
5) Vinyl chloride	1.374	62	90282	50.000	ug/L	95
6) Bromomethane	1.593	94	58427	50.000	ug/L	97
8) Chloroethane	1.666	64	57821	50.000	ug/L	98
9) Trichlorofluoromethane	1.868	101	183283	50.000	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	72666	50.000	ug/L	94
12) 1,1-Dichloroethene	2.307	96	64765	50.000	ug/L #	69
13) Acetone	2.386	43	106937	100.000	ug/L	90
14) Carbon disulfide	2.502	76	113966	50.000	ug/L	98
15) Methyl Acetate	2.709	43	87679	50.000	ug/L	98
16) Methylene chloride	2.782	84	73536	50.000	ug/L	86
17) trans-1,2-Dichloroethene	3.087	96	66878	50.000	ug/L	94
18) Methyl tert-butyl Ether	3.117	73	272569	50.000	ug/L	96
19) 1,1-Dichloroethane	3.599	63	143222	50.000	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	82197	50.000	ug/L	94
22) 2-Butanone	4.568	43	132101	100.000	ug/L	97
23) Bromochloromethane	4.891	128	40885	50.000	ug/L #	85
25) Chloroform	5.087	83	162211	50.000	ug/L	92
27) 1,2-Dichloroethane	6.086	62	133617	50.000	ug/L	95
29) Cyclohexane	5.458	56	122393	50.000	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	131505	50.000	ug/L	97
31) Carbon tetrachloride	5.672	117	105235	50.000	ug/L	99
33) Benzene	6.031	78	303278	50.000	ug/L	100
34) Trichloroethene	7.117	95	80109	50.000	ug/L	95
35) Methylcyclohexane	7.373	83	123117	50.000	ug/L	97
37) 1,2-Dichloropropane	7.428	63	79530	50.000	ug/L	99
38) Bromodichloromethane	7.818	83	103709	50.000	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	131077	50.000	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	252640	100.000	ug/L	93
42) Toluene	8.714	91	318601	50.000	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	122757	50.000	ug/L	100

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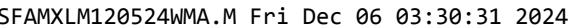
Instrument :
 MSVOA_X
 ClientSampleId :

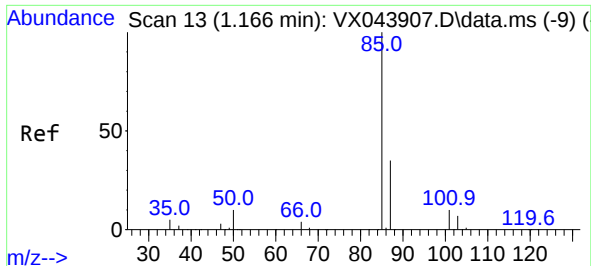
Quant Time: Dec 06 03:30:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:29:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	81213	50.000	ug/L	99
46) Tetrachloroethene	9.269	164	53193	50.000	ug/L	95
48) 2-Hexanone	9.433	43	204014	100.000	ug/L	93
49) Dibromochloromethane	9.519	129	70383	50.000	ug/L	95
50) 1,2-Dibromoethane	9.610	107	84153	50.000	ug/L	99
51) Chlorobenzene	10.080	112	197651	50.000	ug/L	99
52) Ethylbenzene	10.189	91	353873	50.000	ug/L	100
53) m,p-Xylene	10.299	106	129977	50.000	ug/L	97
54) o-Xylene	10.640	106	131195	50.000	ug/L	96
55) Styrene	10.653	104	218326	50.000	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	127345	50.000	ug/L	98
59) Bromoform	10.799	173	43548	50.000	ug/L	97
60) Isopropylbenzene	10.957	105	353278	50.000	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	102151	50.000	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	290690	50.000	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	285520	50.000	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	138586	50.000	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	141174	50.000	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	144282	50.000	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	23794	50.000	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	89168	50.000	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	79291	50.000	ug/L	96
71) Naphthalene	13.774	128	325990	50.000	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	84386	50.000	ug/L	99

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

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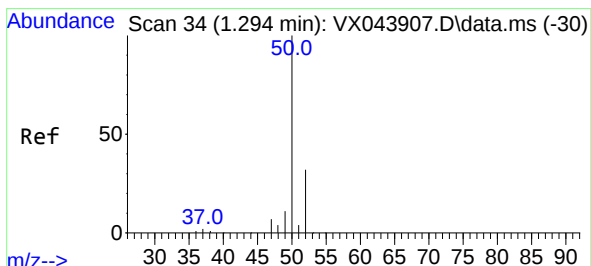
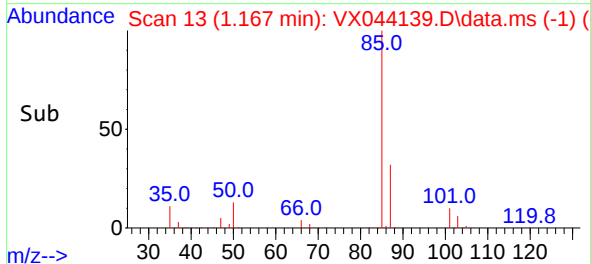
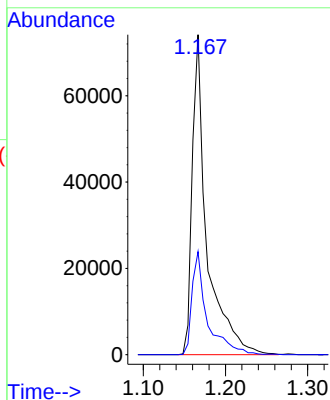
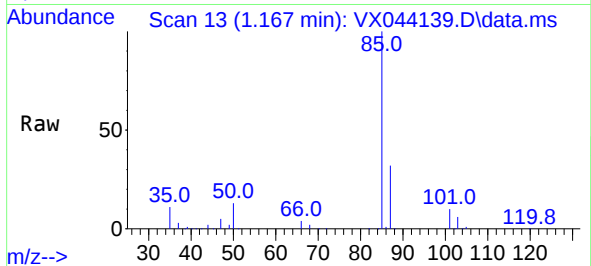




#2
Dichlorodifluoromethane
Concen: 50.000 ug/L
RT: 1.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

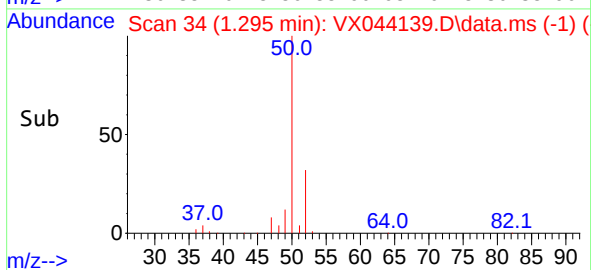
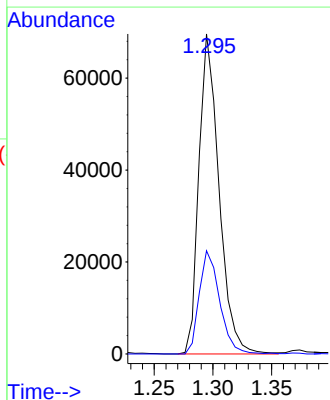
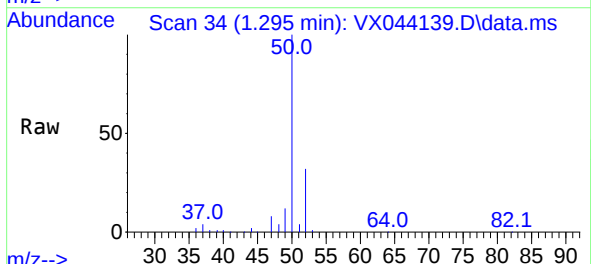
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 85 Resp: 91650
Ion Ratio Lower Upper
85 100
87 33.5 26.1 39.1

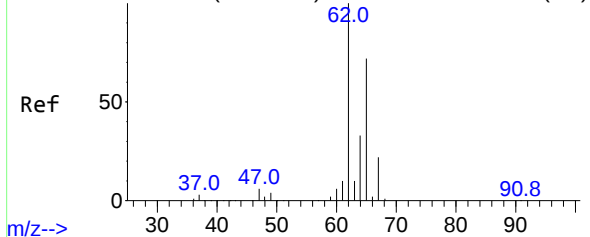


#3
Chloromethane
Concen: 50.000 ug/L
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 50 Resp: 83005
Ion Ratio Lower Upper
50 100
52 32.2 23.9 44.3



Abundance Scan 47 (1.373 min): VX043907.D\data.ms (-43)



#5

Vinyl chloride

Concen: 50.000 ug/L

RT: 1.374 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

Instrument :

MSVOA_X

ClientSampleId :

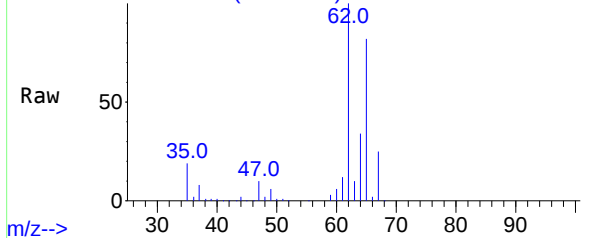
Tgt Ion: 62 Resp: 90282

Ion Ratio Lower Upper

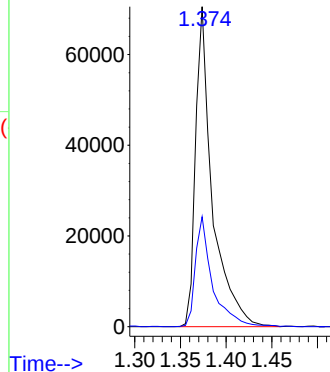
62 100

64 34.4 22.2 41.2

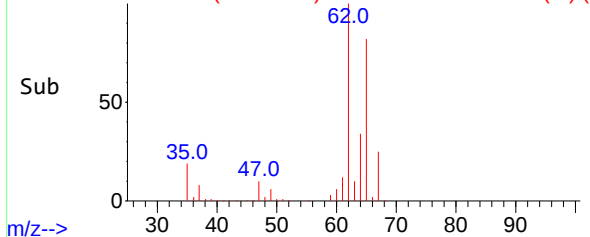
Abundance Scan 47 (1.374 min): VX044139.D\data.ms



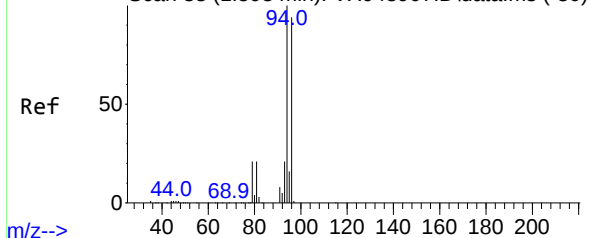
Abundance



Abundance Scan 47 (1.374 min): VX044139.D\data.ms (-1)



Abundance Scan 83 (1.593 min): VX043907.D\data.ms (-80)



#6

Bromomethane

Concen: 50.000 ug/L

RT: 1.593 min Scan# 83

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

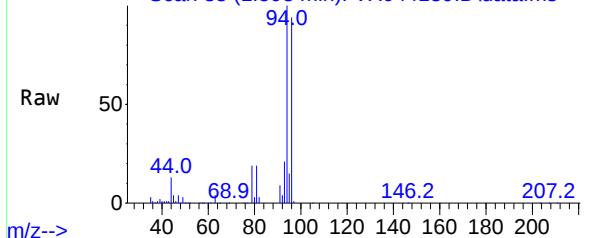
Tgt Ion: 94 Resp: 58427

Ion Ratio Lower Upper

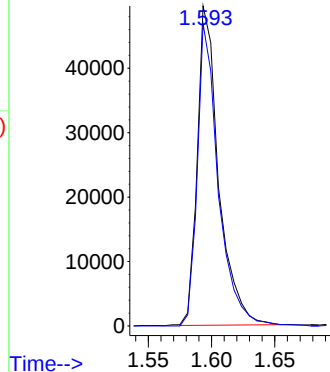
94 100

96 94.5 64.2 119.2

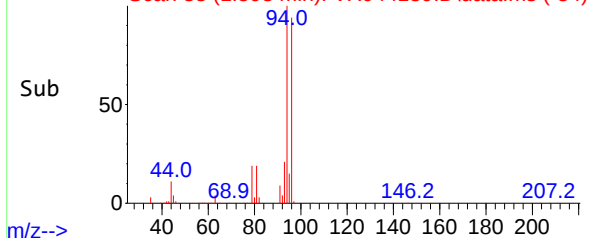
Abundance Scan 83 (1.593 min): VX044139.D\data.ms

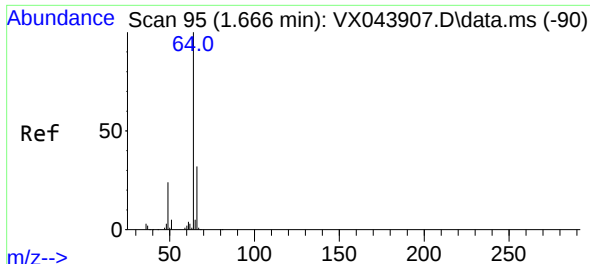


Abundance



Abundance Scan 83 (1.593 min): VX044139.D\data.ms (-34)

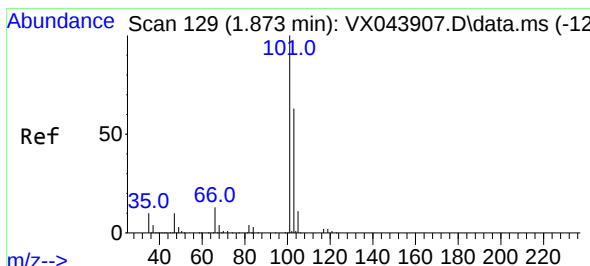
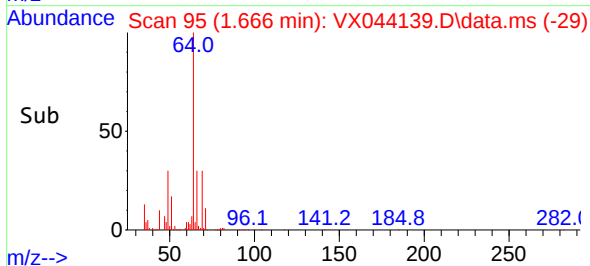
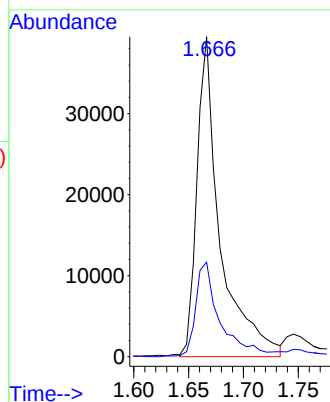
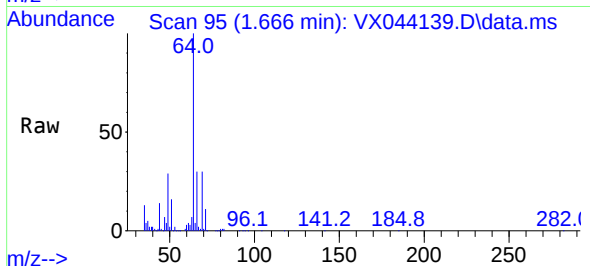




#8
Chloroethane
Concen: 50.000 ug/L
RT: 1.666 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

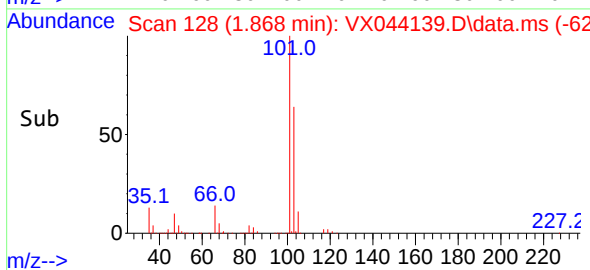
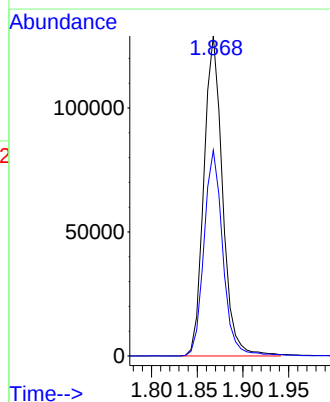
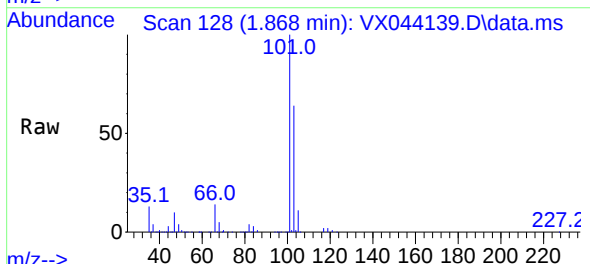
Instrument :
MSVOA_X
ClientSampleId :

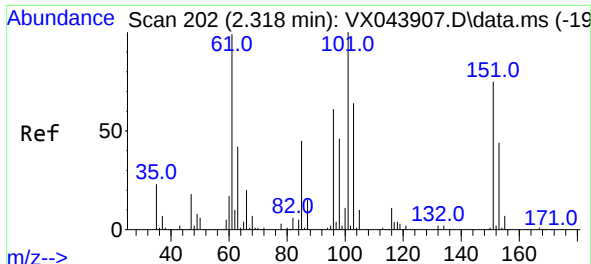
Tgt Ion: 64 Resp: 57821
Ion Ratio Lower Upper
64 100
66 29.6 21.5 39.9



#9
Trichlorofluoromethane
Concen: 50.000 ug/L
RT: 1.868 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:101 Resp: 183283
Ion Ratio Lower Upper
101 100
103 64.8 50.8 76.2

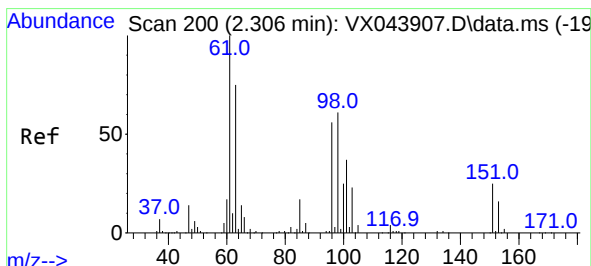
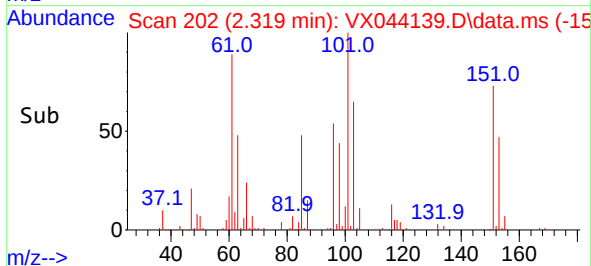
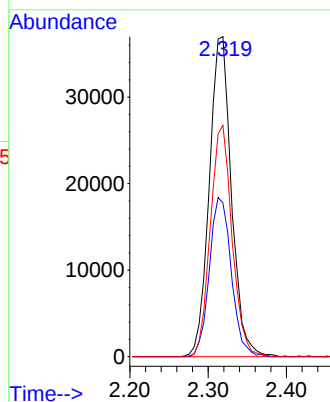
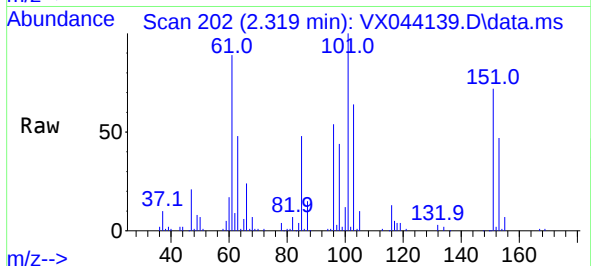




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.000 ug/L
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

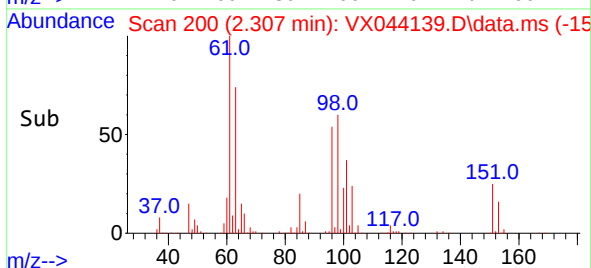
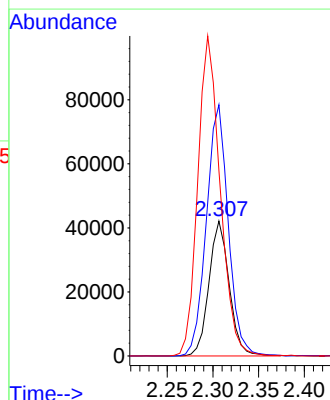
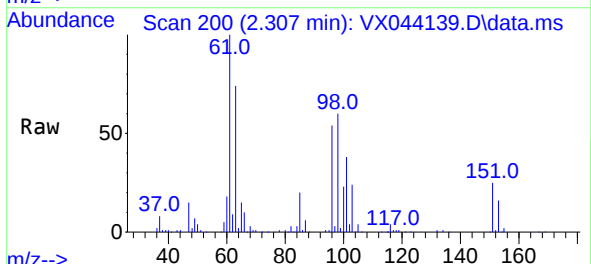
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MSVOA_X
ClientSampleId :

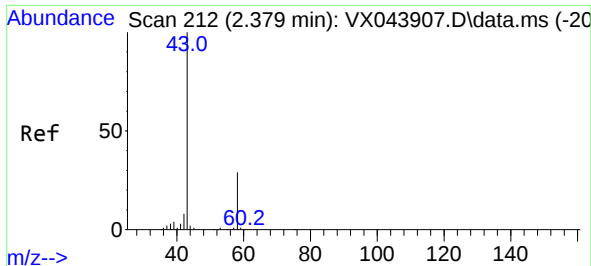
Tgt Ion:101 Resp: 72666
Ion Ratio Lower Upper
101 100
85 49.2 33.9 50.9
151 70.9 58.5 87.7



#12
1,1-Dichloroethene
Concen: 50.000 ug/L
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 96 Resp: 64765
Ion Ratio Lower Upper
96 100
61 186.3 109.3 203.1
63 137.5 65.7 122.1#

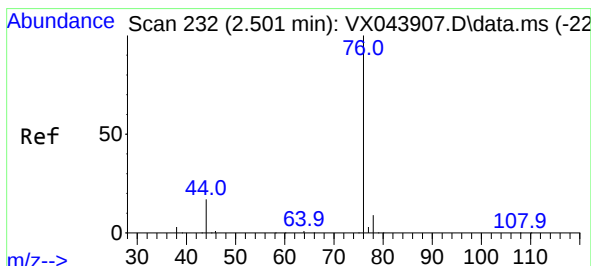
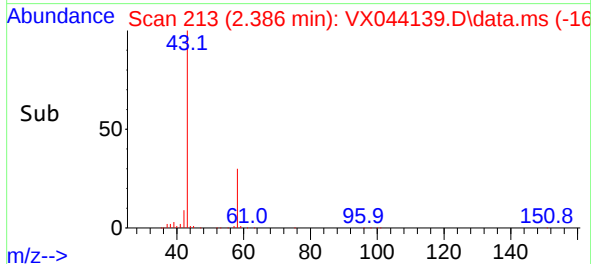
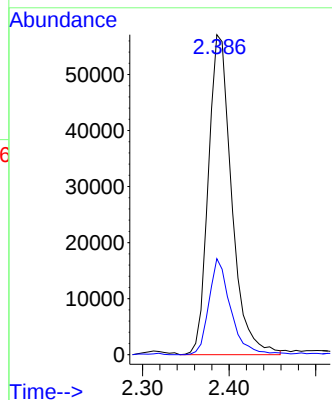
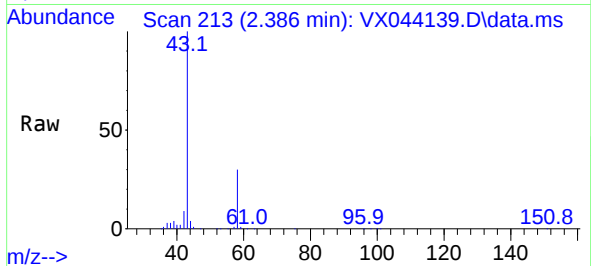




#13
Acetone
Concen: 100.000 ug/L
RT: 2.386 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

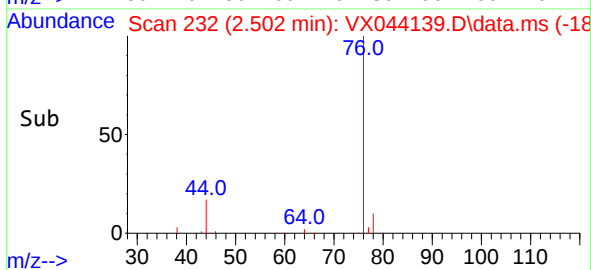
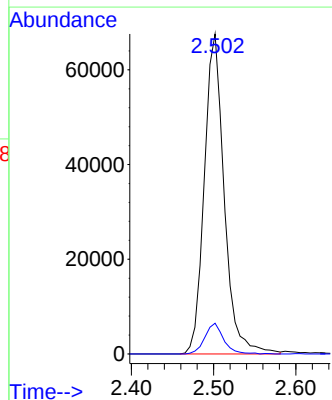
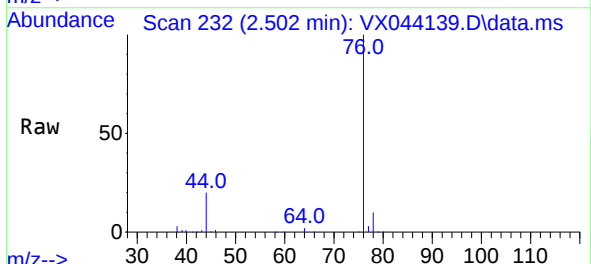
Instrument :
MSVOA_X
ClientSampleId :

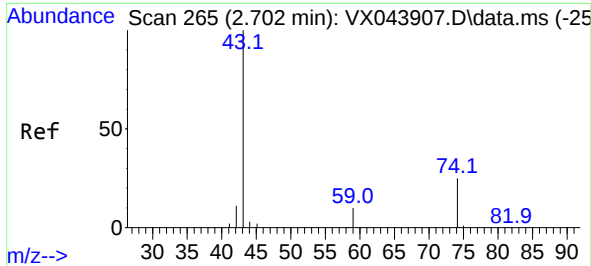
Tgt Ion: 43 Resp: 106937
Ion Ratio Lower Upper
43 100
58 27.6 0.0 66.0



#14
Carbon disulfide
Concen: 50.000 ug/L
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 76 Resp: 113966
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

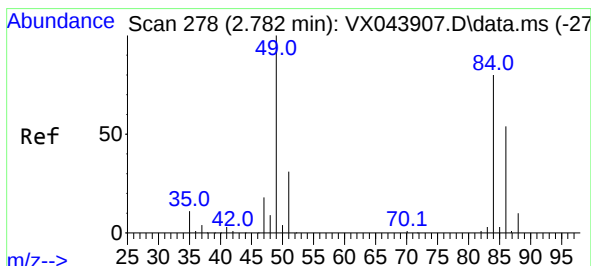
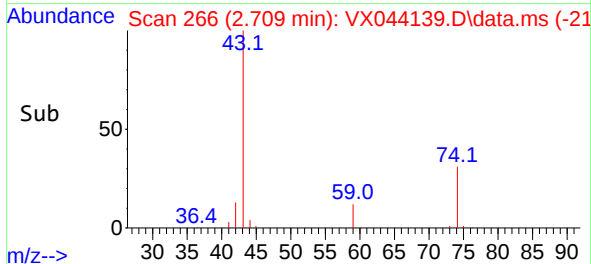
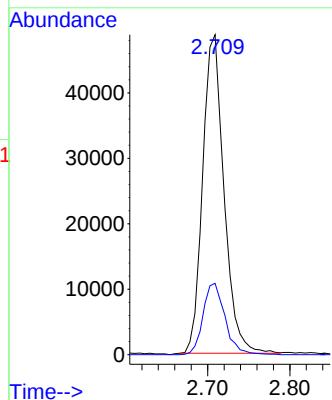
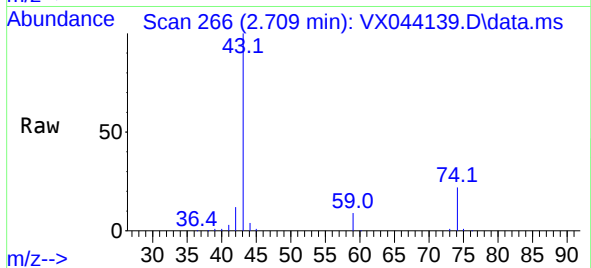




#15
Methyl Acetate
Concen: 50.000 ug/L
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

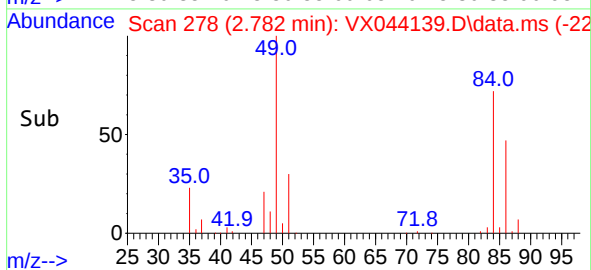
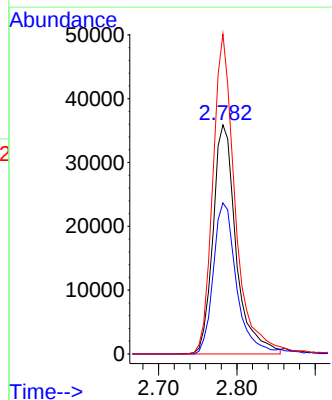
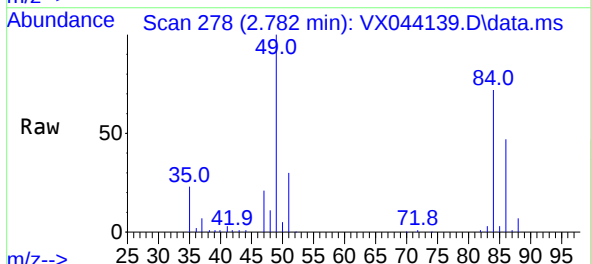
Instrument :
MSVOA_X
ClientSampleId :

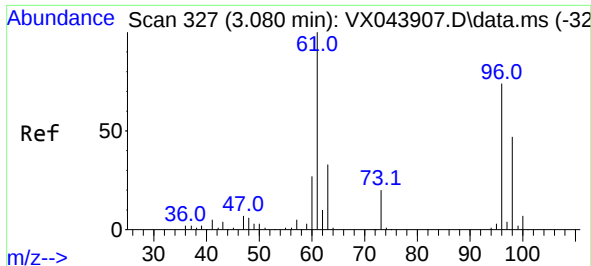
Tgt Ion: 43 Resp: 87679
Ion Ratio Lower Upper
43 100
74 23.1 19.4 29.2



#16
Methylene chloride
Concen: 50.000 ug/L
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

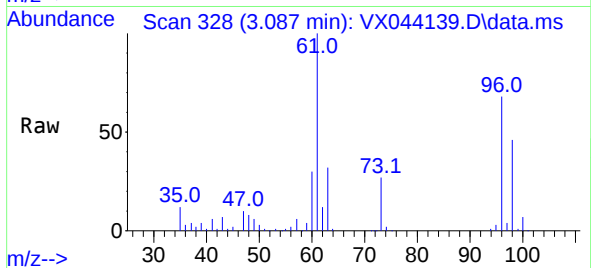
Tgt Ion: 84 Resp: 73536
Ion Ratio Lower Upper
84 100
86 66.0 46.0 85.4
49 139.7 80.8 150.2



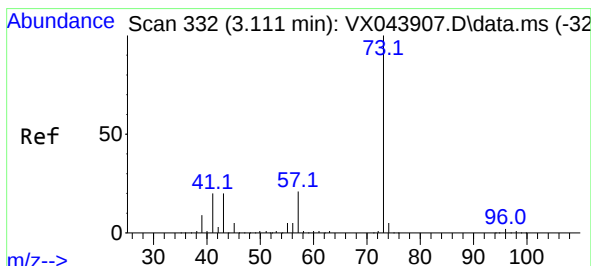
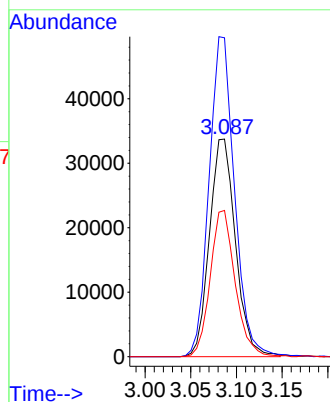
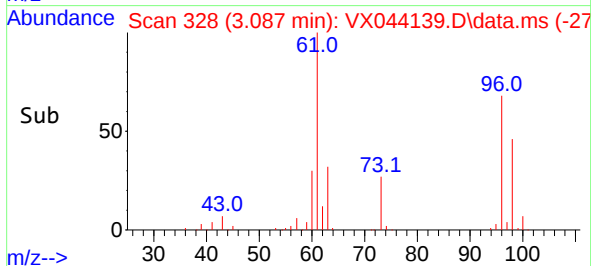


#17
trans-1,2-Dichloroethene
Concen: 50.000 ug/L
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

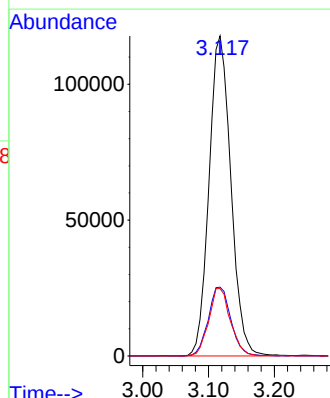
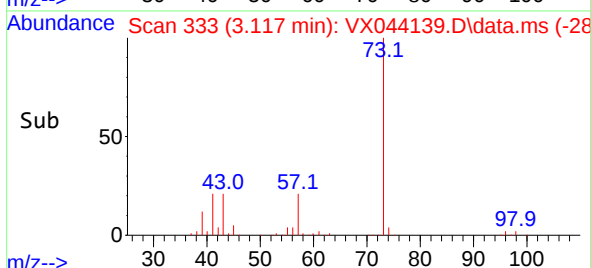
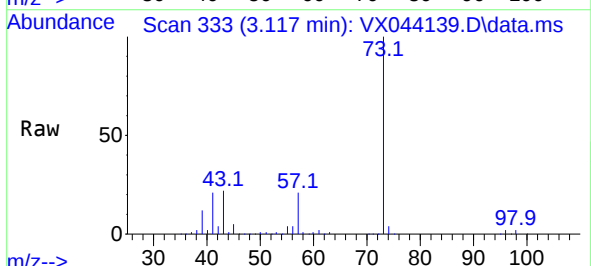


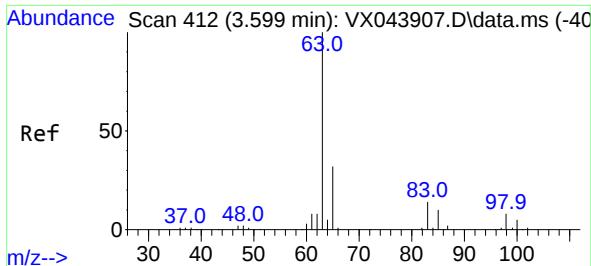
Tgt Ion: 96 Resp: 66878
Ion Ratio Lower Upper
96 100
61 146.5 95.7 177.7
98 67.2 47.2 87.6



#18
Methyl tert-butyl Ether
Concen: 50.000 ug/L
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 73 Resp: 272569
Ion Ratio Lower Upper
73 100
43 22.2 15.2 22.8
57 20.9 17.0 25.6





#19

1,1-Dichloroethane

Concen: 50.000 ug/L

RT: 3.599 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

Instrument :

MSVOA_X

ClientSampleId :

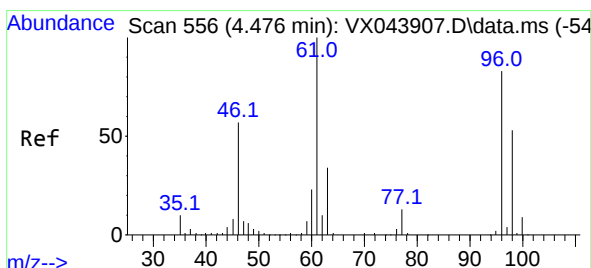
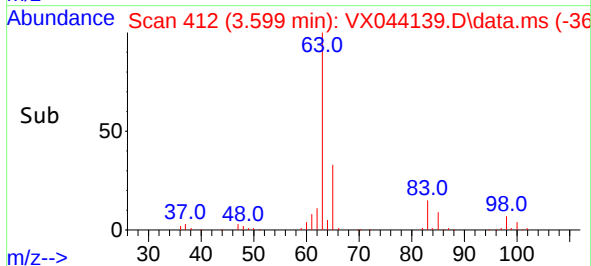
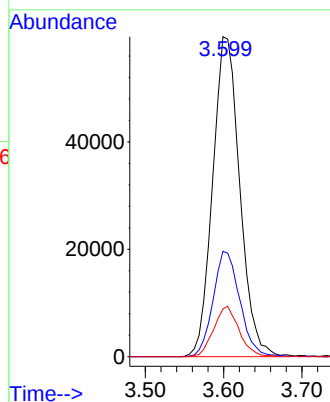
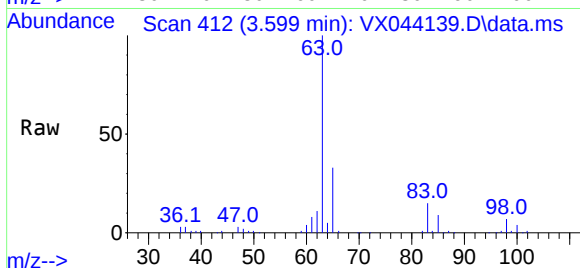
Tgt Ion: 63 Resp: 143222

Ion Ratio Lower Upper

63 100

65 32.9 23.2 43.2

83 14.9 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 50.000 ug/L

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

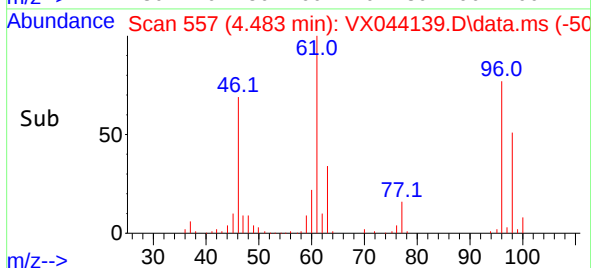
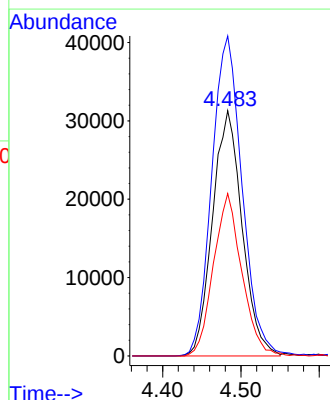
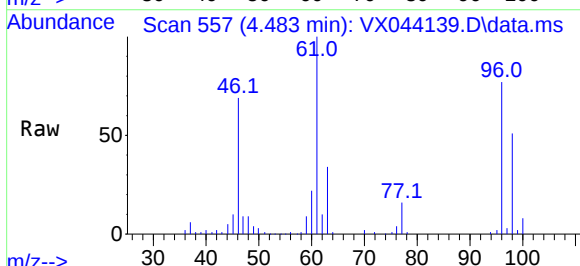
Tgt Ion: 96 Resp: 82197

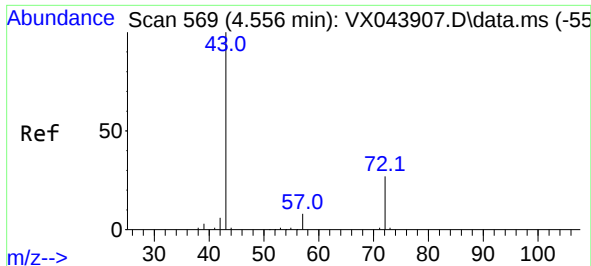
Ion Ratio Lower Upper

96 100

61 130.4 85.0 158.0

98 66.2 44.6 82.8

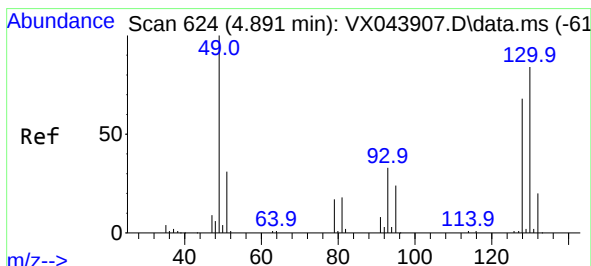
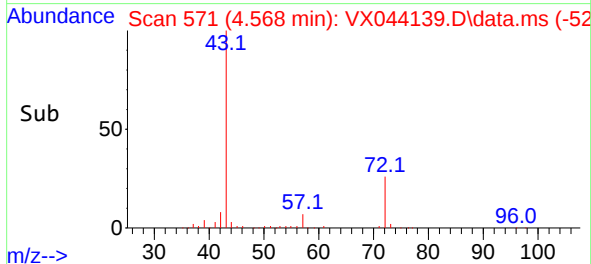
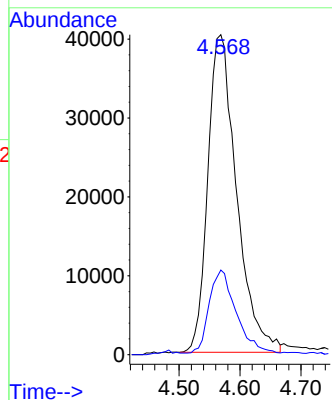
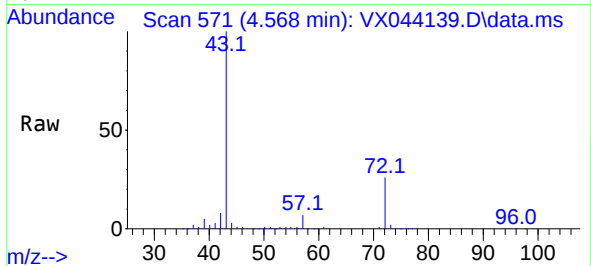




#22
2-Butanone
Concen: 100.000 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

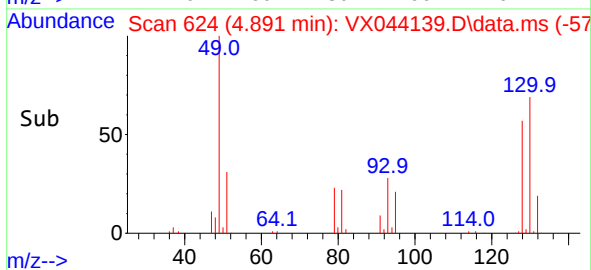
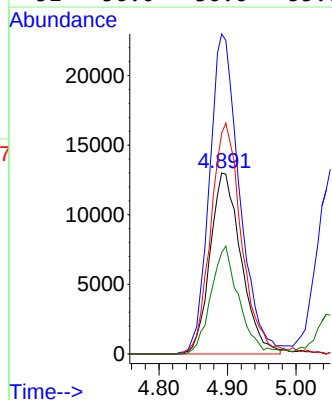
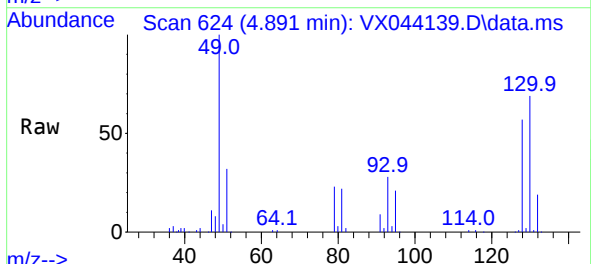
Instrument :
MSVOA_X
ClientSampleId :

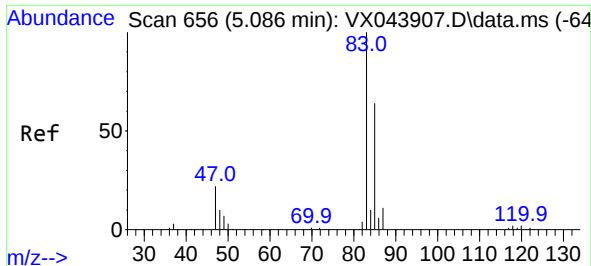
Tgt Ion: 43 Resp: 132101
Ion Ratio Lower Upper
43 100
72 24.7 13.1 39.3



#23
Bromochloromethane
Concen: 50.000 ug/L
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:128 Resp: 40885
Ion Ratio Lower Upper
128 100
49 176.9 103.7 192.5
130 121.9 89.1 165.5
51 56.0 36.6 55.0#





#25

Chloroform

Concen: 50.000 ug/L

RT: 5.087 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

Instrument :

MSVOA_X

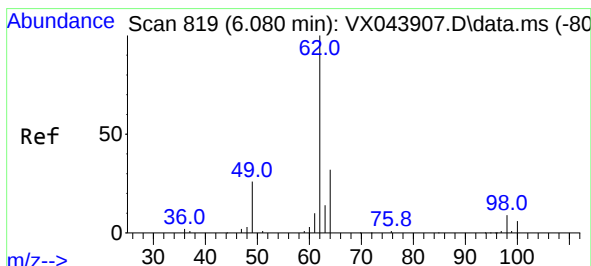
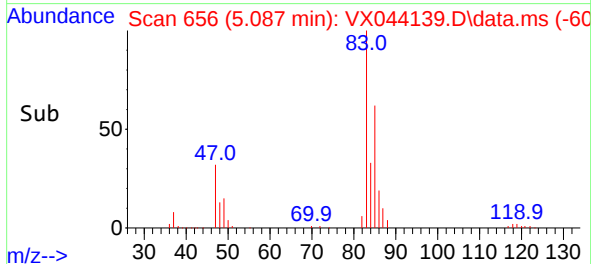
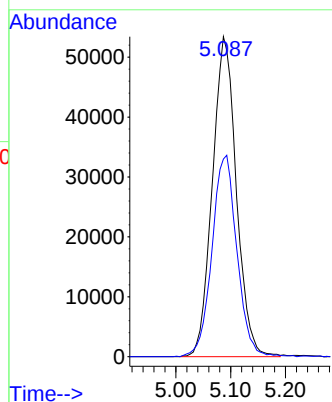
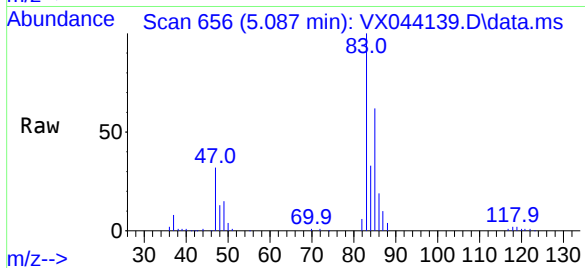
ClientSampleId :

Tgt Ion: 83 Resp: 162211

Ion Ratio Lower Upper

83 100

85 61.7 47.7 88.7



#27

1,2-Dichloroethane

Concen: 50.000 ug/L

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX044139.D

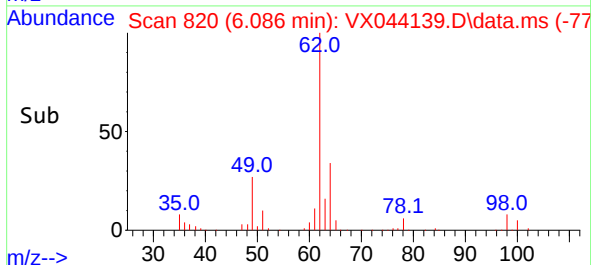
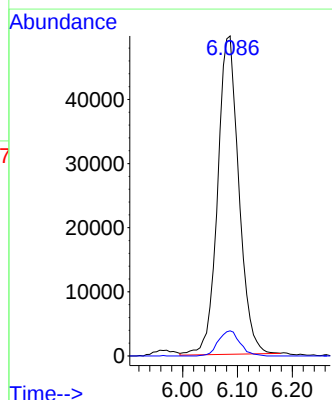
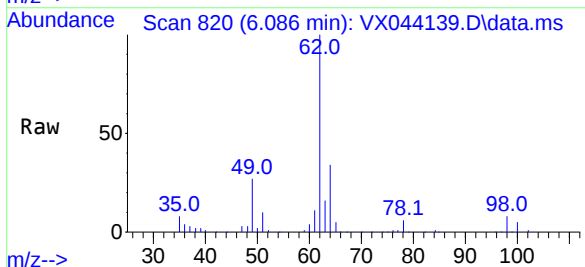
Acq: 05 Dec 2024 11:01

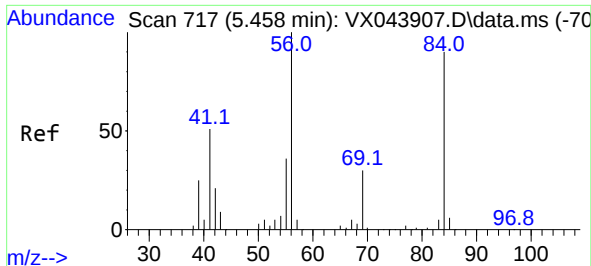
Tgt Ion: 62 Resp: 133617

Ion Ratio Lower Upper

62 100

98 7.8 7.7 11.5





#29

Cyclohexane

Concen: 50.000 ug/L

RT: 5.458 min Scan# 717

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

Instrument :

MSVOA_X

ClientSampleId :

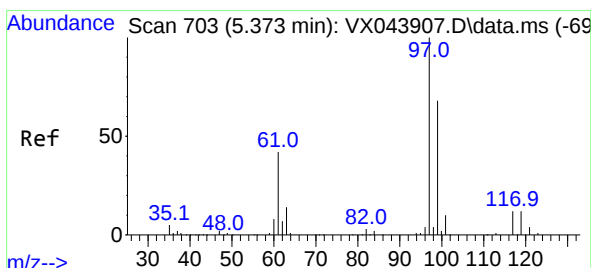
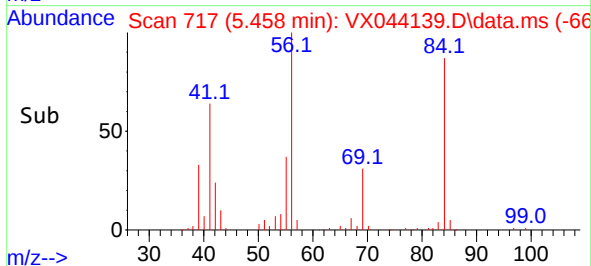
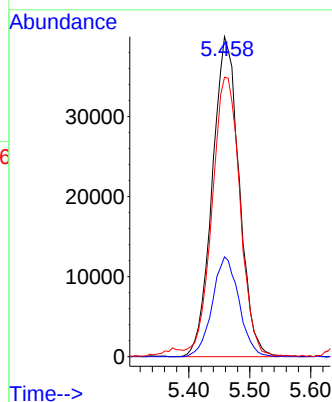
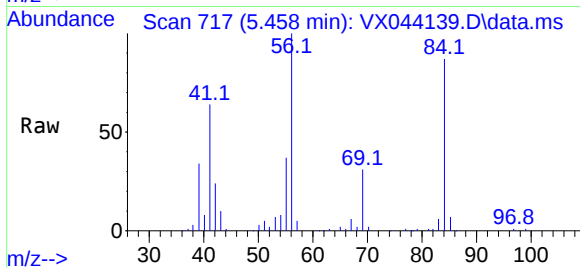
Tgt Ion: 56 Resp: 122393

Ion Ratio Lower Upper

56 100

69 30.9 25.1 37.7

84 90.0 72.9 109.3



#30

1,1,1-Trichloroethane

Concen: 50.000 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

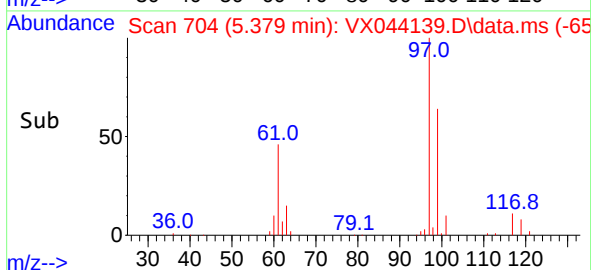
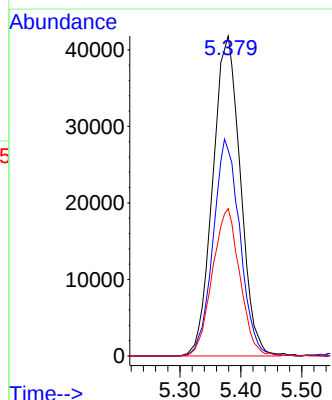
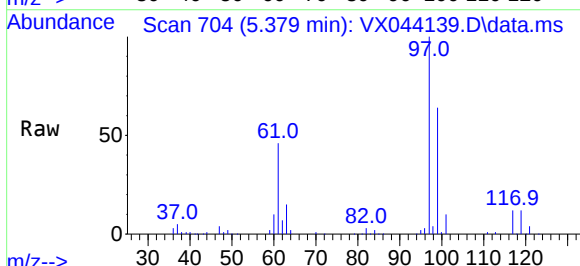
Tgt Ion: 97 Resp: 131505

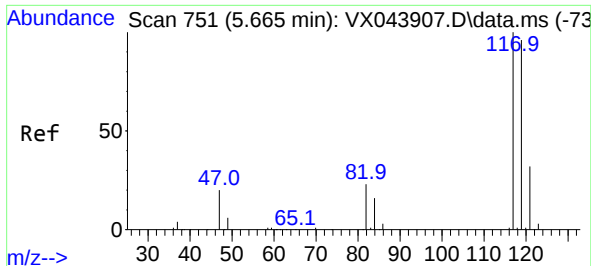
Ion Ratio Lower Upper

97 100

99 65.9 52.2 78.2

61 45.7 32.8 49.2

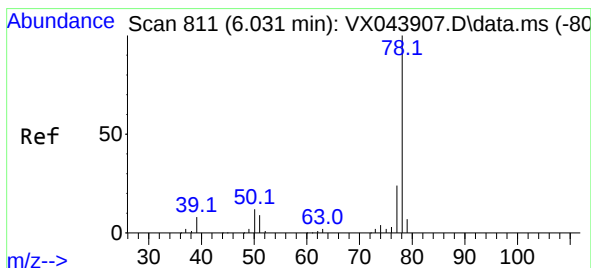
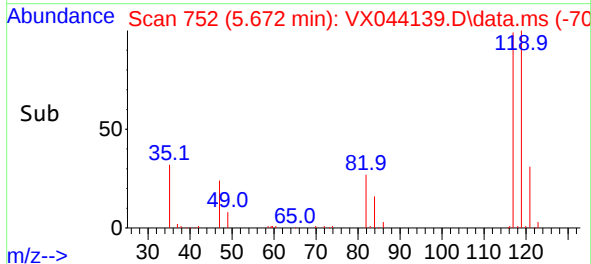
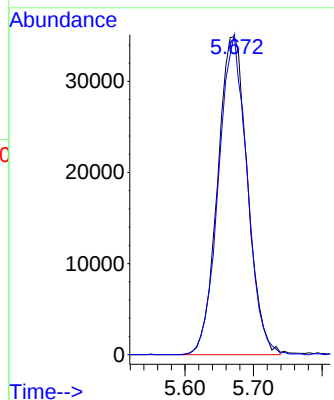
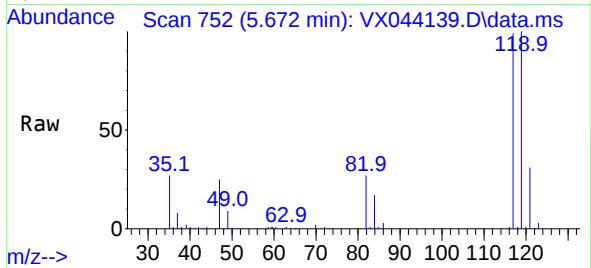




#31
Carbon tetrachloride
Concen: 50.000 ug/L
RT: 5.672 min Scan# 751
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

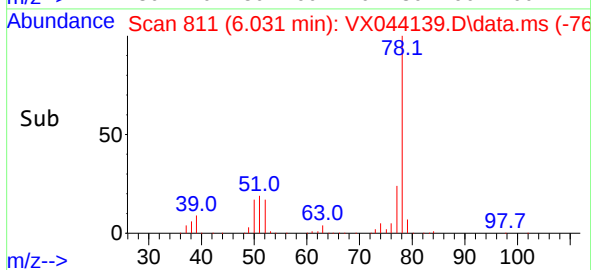
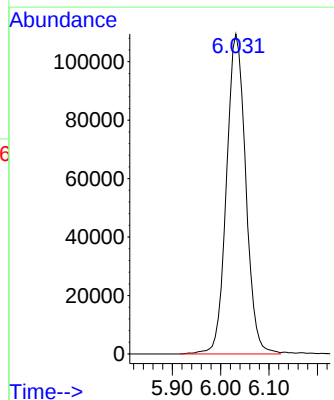
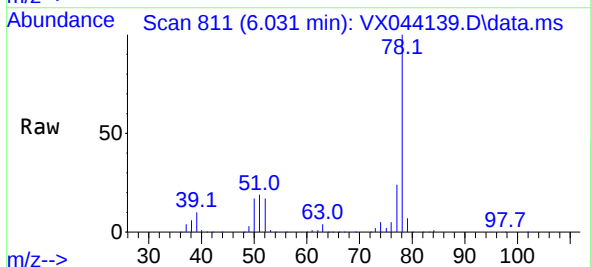
Instrument :
MSVOA_X
ClientSampleId :

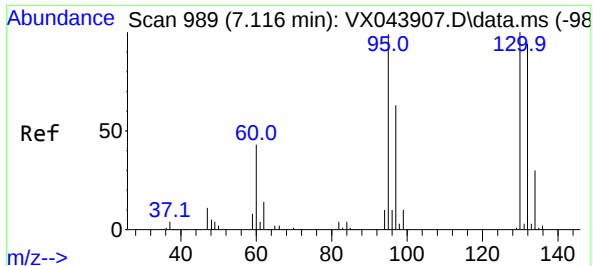
Tgt Ion:117 Resp: 105235
Ion Ratio Lower Upper
117 100
119 96.5 77.7 116.5



#33
Benzene
Concen: 50.000 ug/L
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

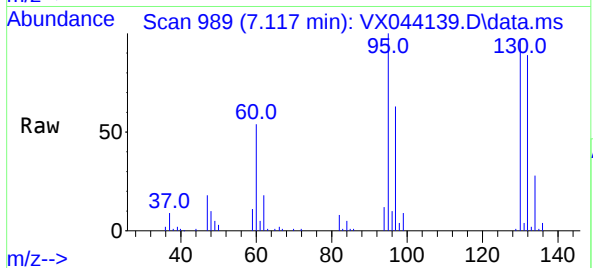
Tgt Ion: 78 Resp: 303278



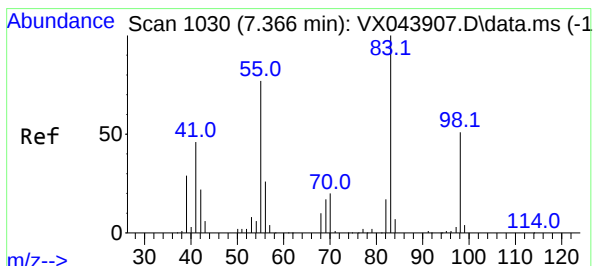
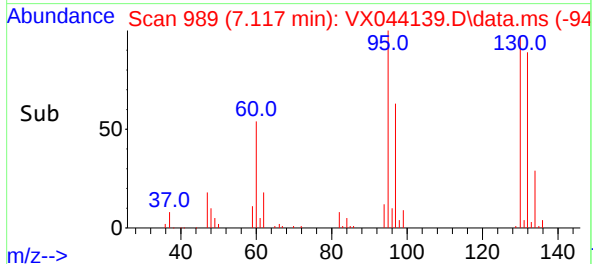
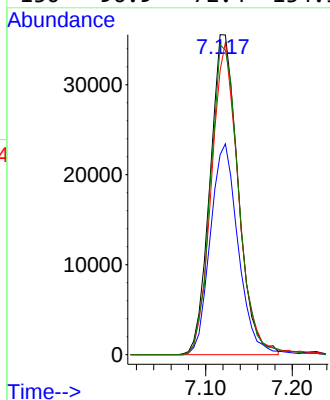


#34
Trichloroethene
Concen: 50.000 ug/L
RT: 7.117 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

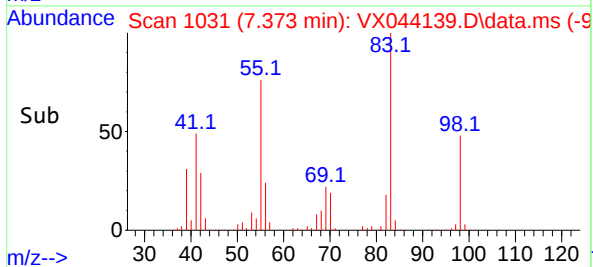
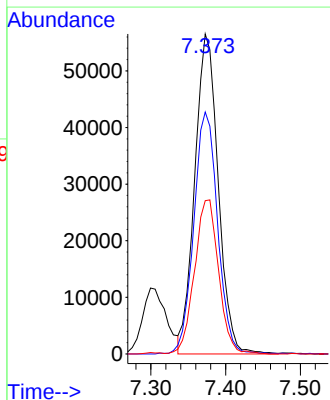
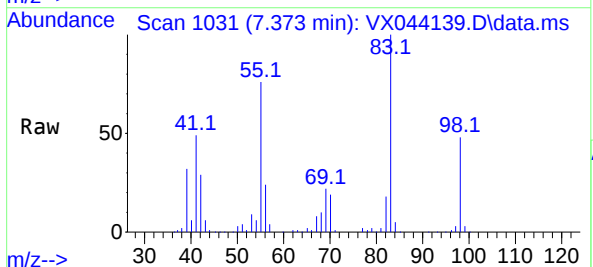


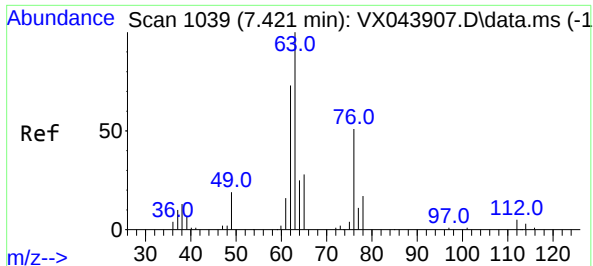
Tgt Ion: 95 Resp: 80109
Ion Ratio Lower Upper
95 100
97 62.5 45.0 83.6
132 88.9 66.6 123.8
130 96.9 72.4 134.5



#35
Methylcyclohexane
Concen: 50.000 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 83 Resp: 123117
Ion Ratio Lower Upper
83 100
55 76.9 58.5 87.7
98 49.7 40.5 60.7

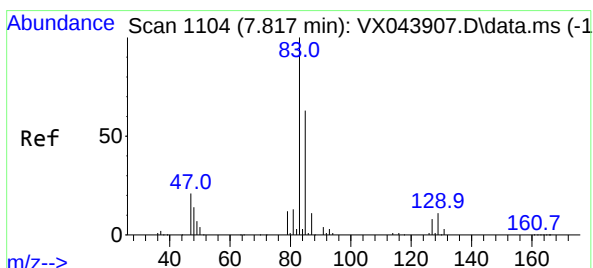
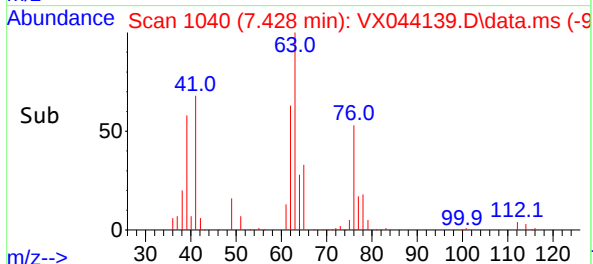
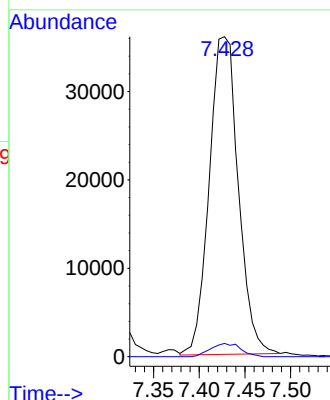
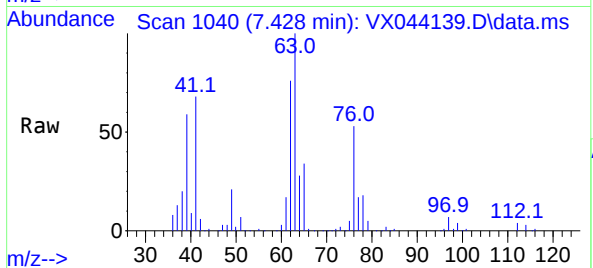




#37
1,2-Dichloropropane
Concen: 50.000 ug/L
RT: 7.428 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

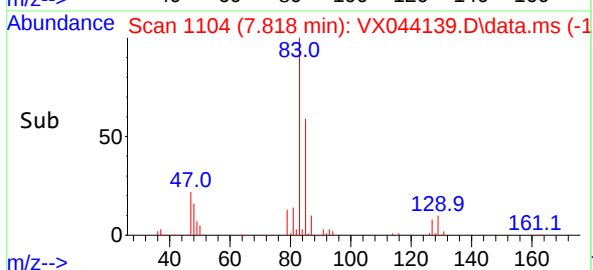
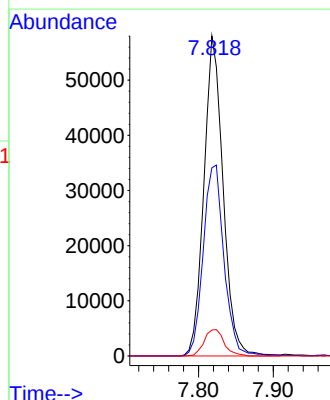
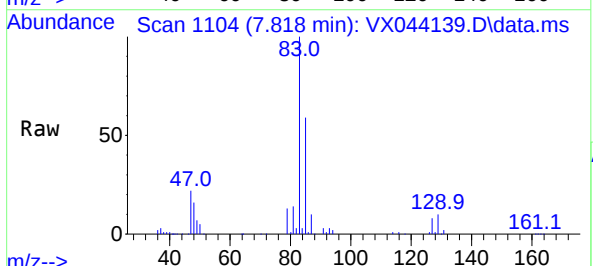
Instrument :
MSVOA_X
ClientSampleId :

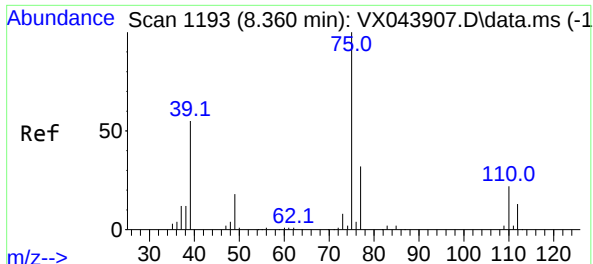
Tgt Ion: 63 Resp: 79530
Ion Ratio Lower Upper
63 100
112 4.3 3.6 5.4



#38
Bromodichloromethane
Concen: 50.000 ug/L
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 83 Resp: 103709
Ion Ratio Lower Upper
83 100
85 58.8 44.1 81.9
127 8.1 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 50.000 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

Instrument :

MSVOA_X

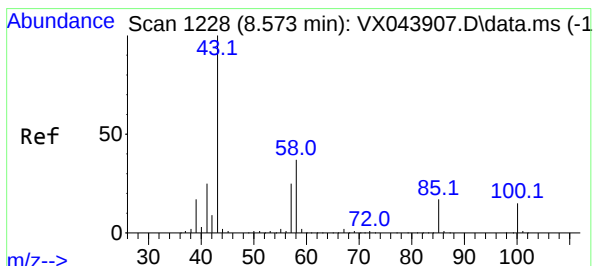
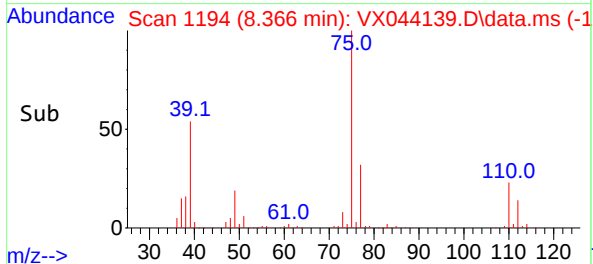
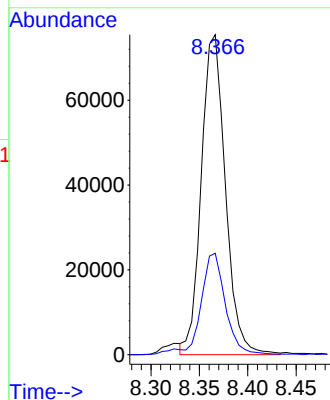
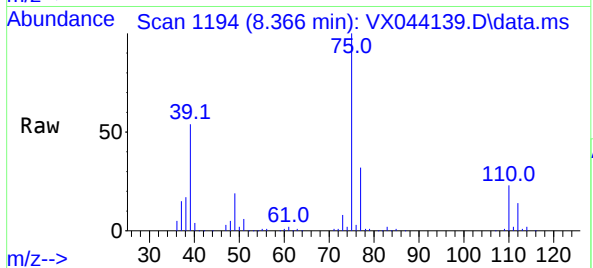
ClientSampleId :

Tgt Ion: 75 Resp: 131077

Ion Ratio Lower Upper

75 100

77 31.7 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 100.000 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

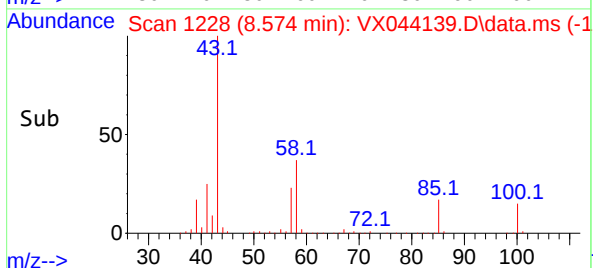
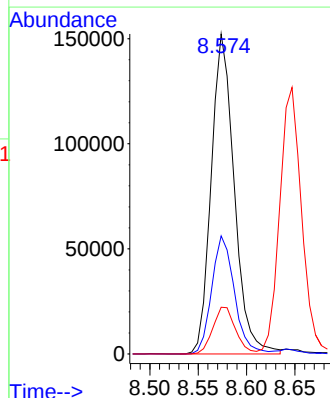
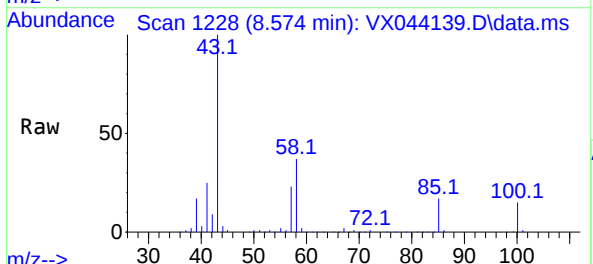
Tgt Ion: 43 Resp: 252640

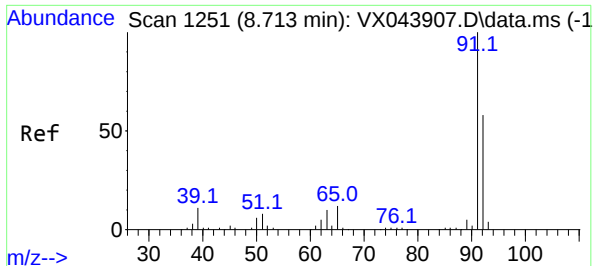
Ion Ratio Lower Upper

43 100

58 36.3 32.4 48.6

100 14.5 13.7 20.5





#42

Toluene

Concen: 50.000 ug/L

RT: 8.714 min Scan# 1251

Delta R.T. 0.000 min

Lab File: VX044139.D

Acq: 05 Dec 2024 11:01

Instrument :

MSVOA_X

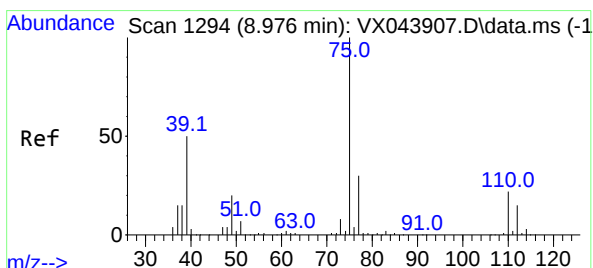
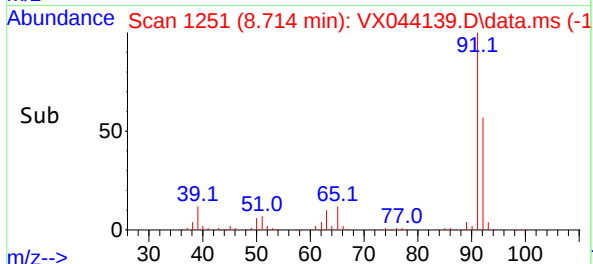
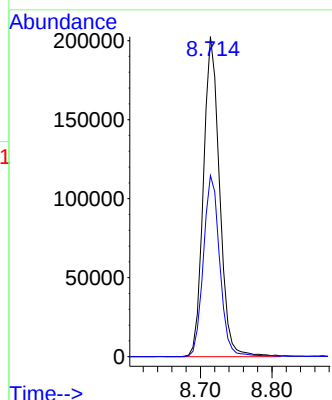
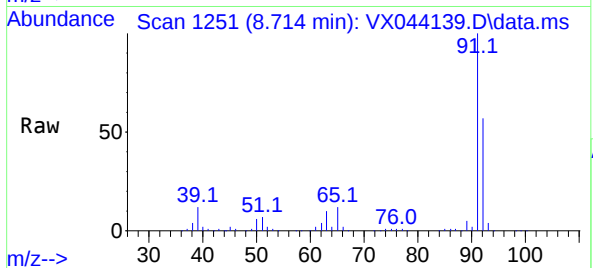
ClientSampleId :

Tgt Ion: 91 Resp: 318601

Ion Ratio Lower Upper

91 100

92 56.6 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 50.000 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX044139.D

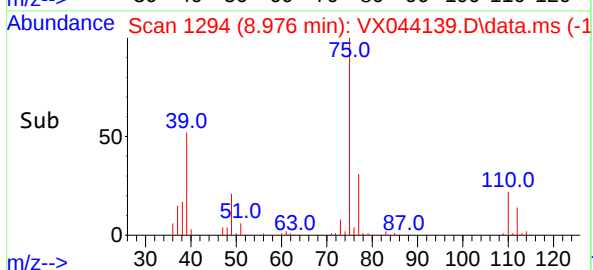
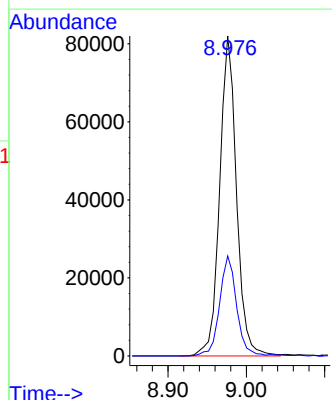
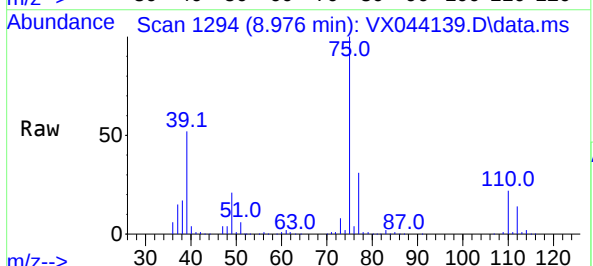
Acq: 05 Dec 2024 11:01

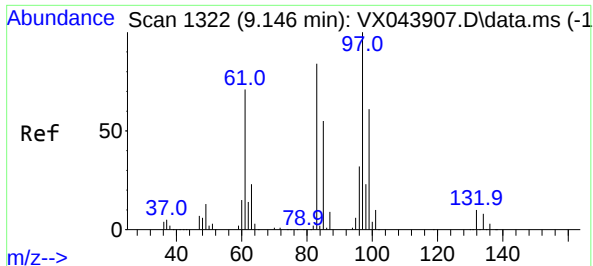
Tgt Ion: 75 Resp: 122757

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6

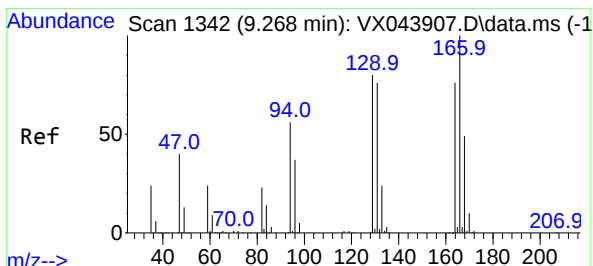
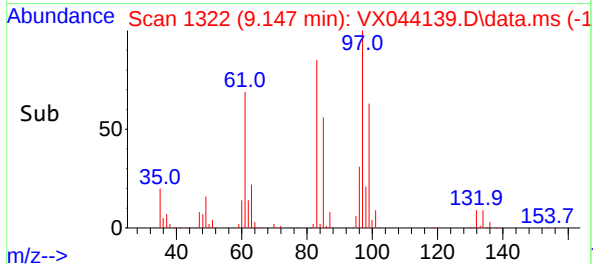
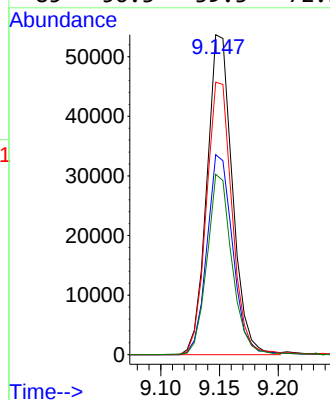
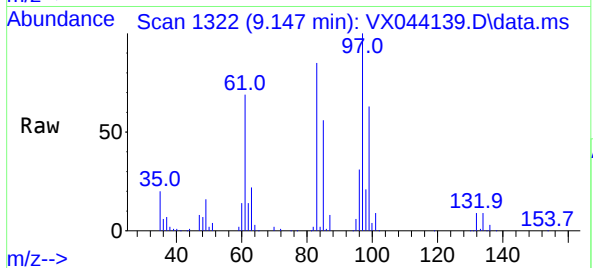




#45
1,1,2-Trichloroethane
Concen: 50.000 ug/L
RT: 9.147 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

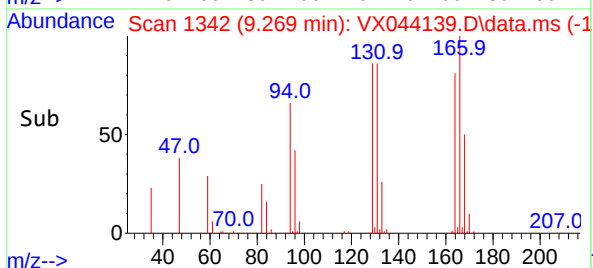
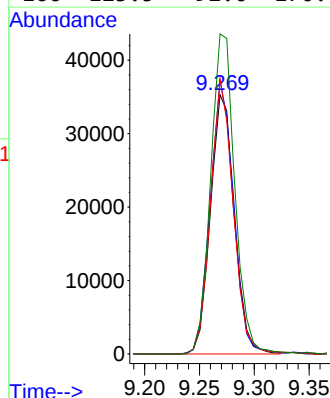
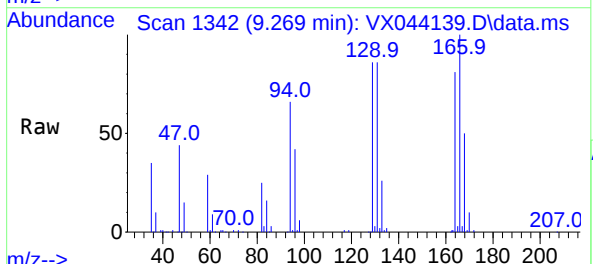
Instrument :
MSVOA_X
ClientSampleId :

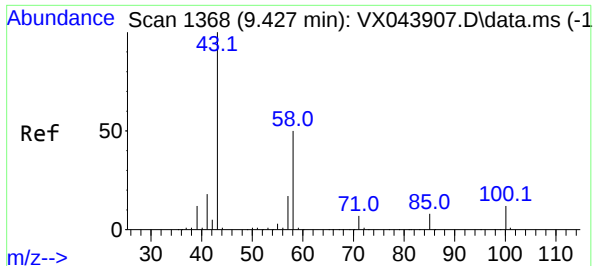
Tgt Ion: 97	Resp: 81213
Ion Ratio	Lower Upper
97 100	
99 62.5	43.4 80.6
83 85.1	60.2 111.8
85 56.3	39.3 72.9



#46
Tetrachloroethene
Concen: 50.000 ug/L
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt	Ion:164	Resp:	53193
Ion	Ratio	Lower	Upper
164	100		
129	105.8	73.6	136.6
131	105.9	70.2	130.4
166	123.5	92.0	170.8

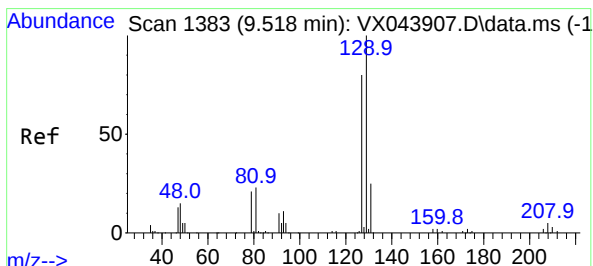
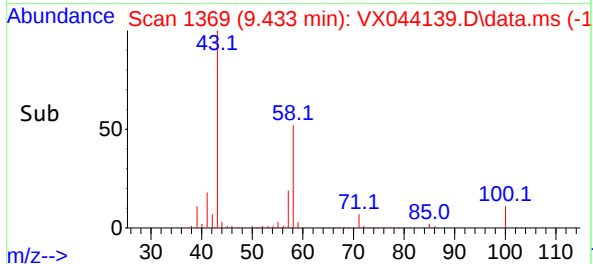
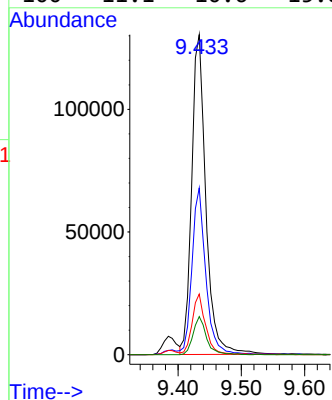
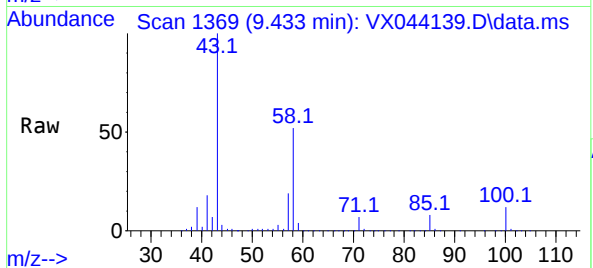




#48
2-Hexanone
Concen: 100.000 ug/L
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

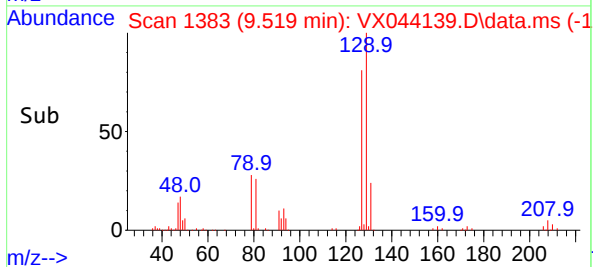
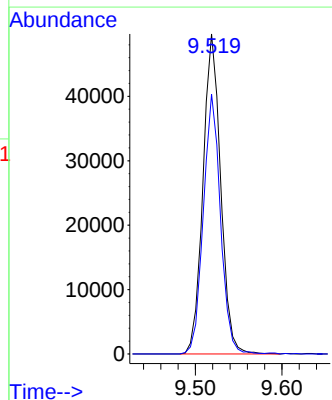
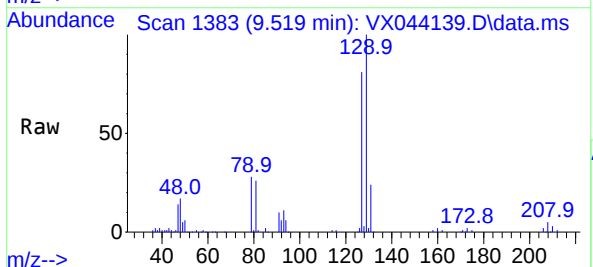
Instrument :
MSVOA_X
ClientSampleId :

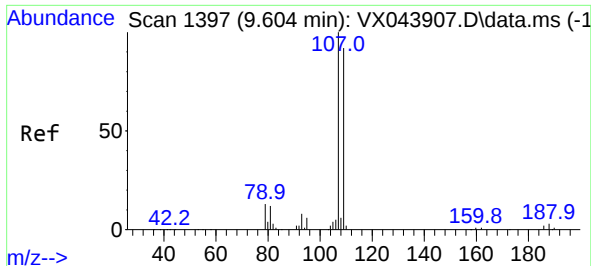
Tgt Ion: 43 Resp: 204014
Ion Ratio Lower Upper
43 100
58 50.7 45.4 68.2
57 17.9 15.4 23.0
100 11.1 10.6 15.8



#49
Dibromochloromethane
Concen: 50.000 ug/L
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:129 Resp: 70383
Ion Ratio Lower Upper
129 100
127 81.2 53.5 99.5

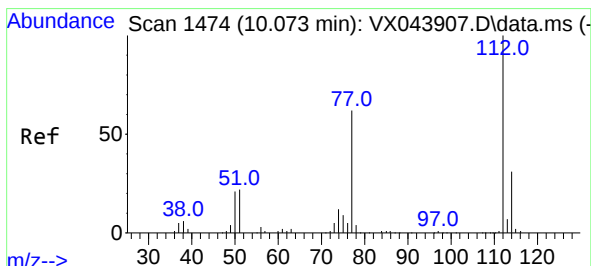
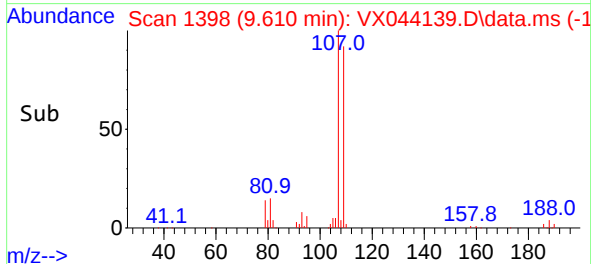
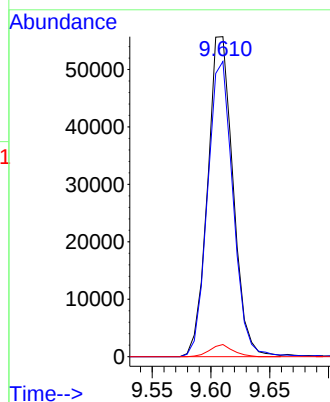
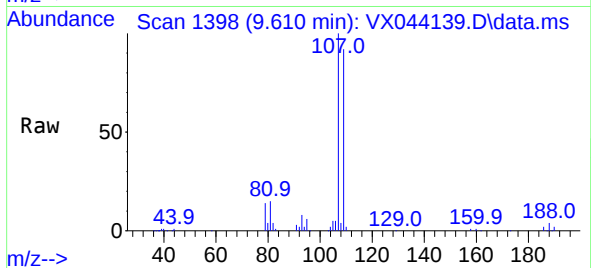




#50
1,2-Dibromoethane
Concen: 50.000 ug/L
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

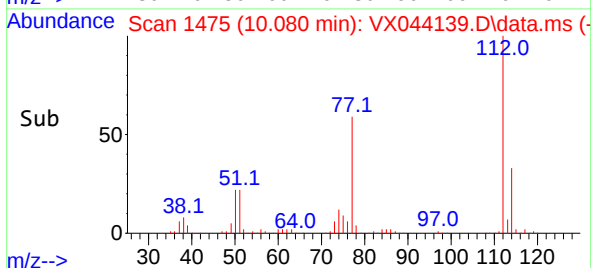
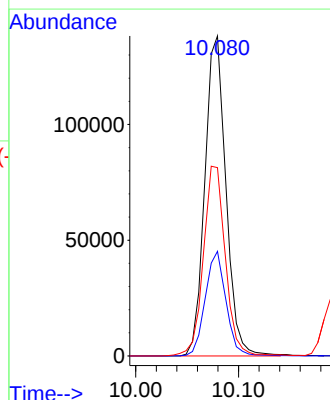
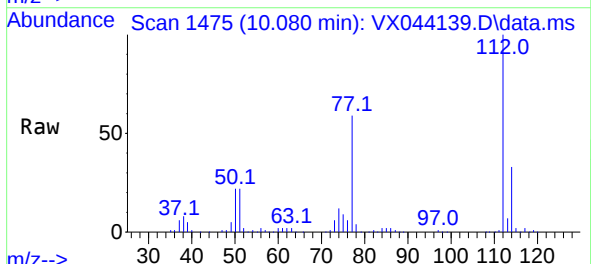
Instrument :
MSVOA_X
ClientSampleId :

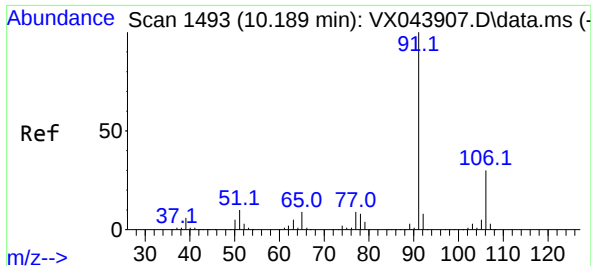
Tgt Ion:107 Resp: 84153
Ion Ratio Lower Upper
107 100
109 92.3 65.5 121.7
188 3.8 2.6 4.0



#51
Chlorobenzene
Concen: 50.000 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:112 Resp: 197651
Ion Ratio Lower Upper
112 100
114 32.7 22.9 42.5
77 58.8 48.0 72.0

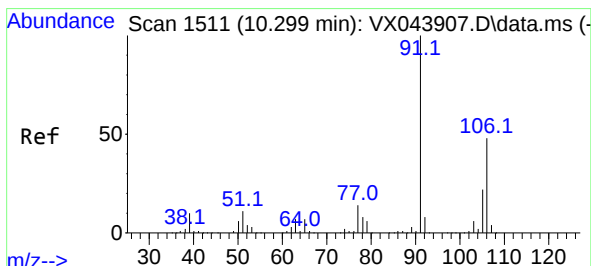
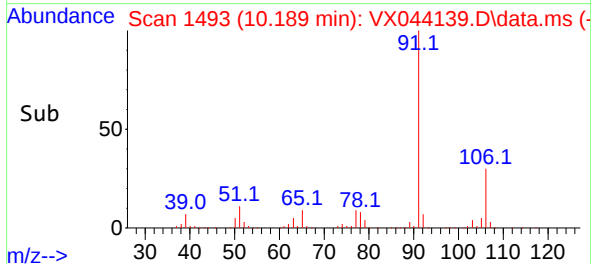
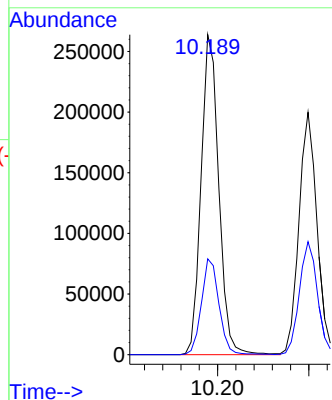
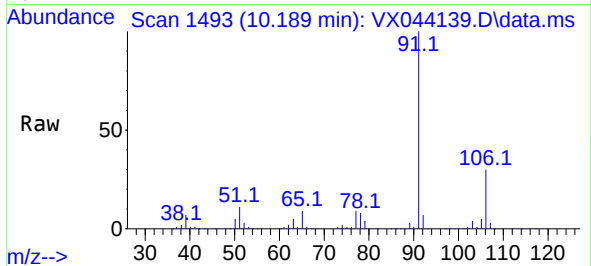




#52
Ethylbenzene
Concen: 50.000 ug/L
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

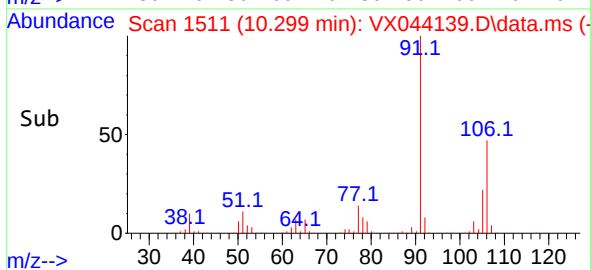
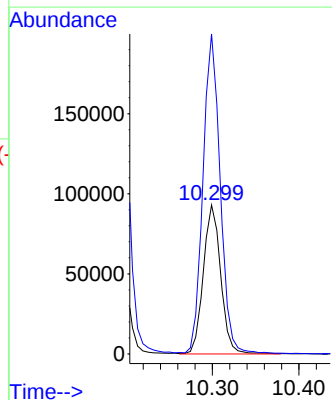
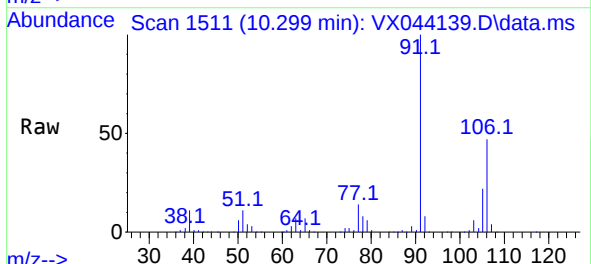
Instrument :
MSVOA_X
ClientSampleId :

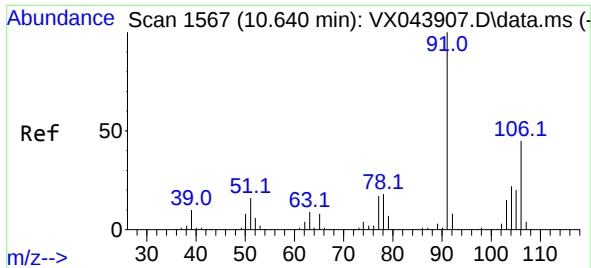
Tgt Ion: 91 Resp: 353873
Ion Ratio Lower Upper
91 100
106 29.9 21.1 39.1



#53
m,p-Xylene
Concen: 50.000 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 106 Resp: 129977
Ion Ratio Lower Upper
106 100
91 214.7 147.5 273.9

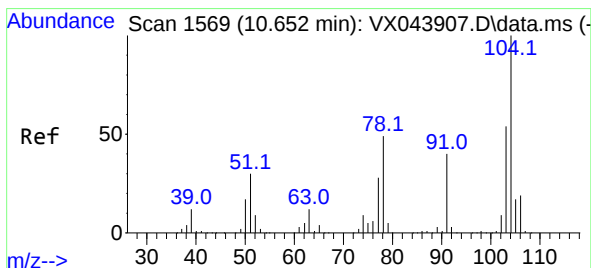
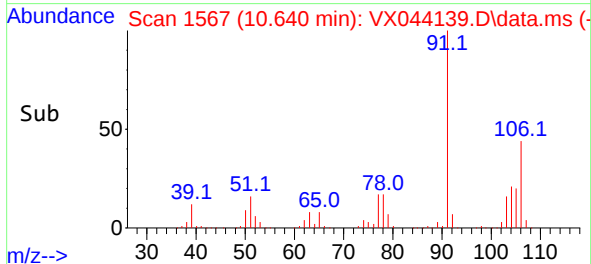
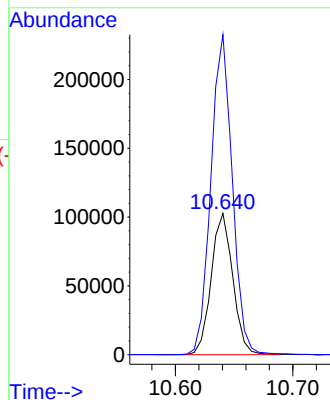
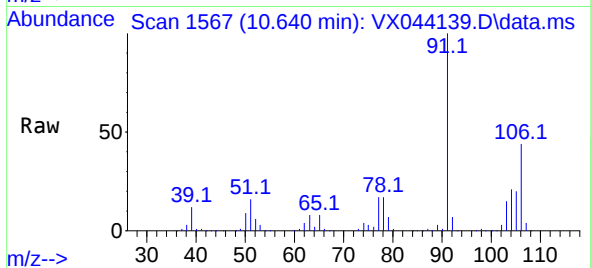




#54
o-Xylene
Concen: 50.000 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

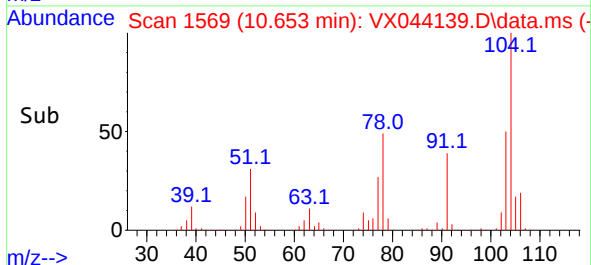
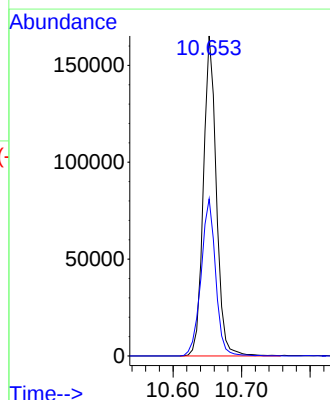
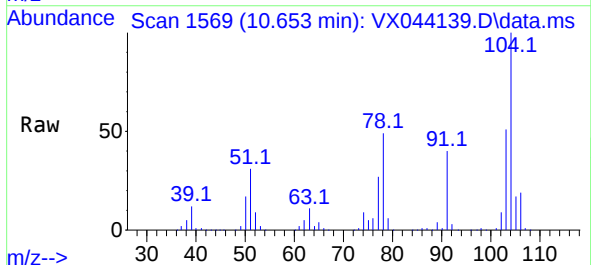
Instrument :
MSVOA_X
ClientSampleId :

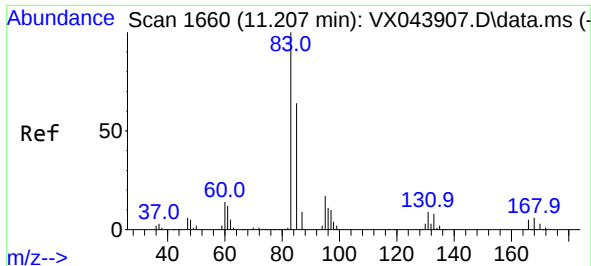
Tgt Ion:106 Resp: 131195
Ion Ratio Lower Upper
106 100
91 226.5 153.7 285.5



#55
Styrene
Concen: 50.000 ug/L
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:104 Resp: 218326
Ion Ratio Lower Upper
104 100
78 49.1 32.8 60.8

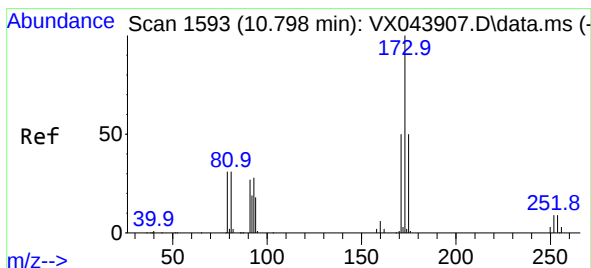
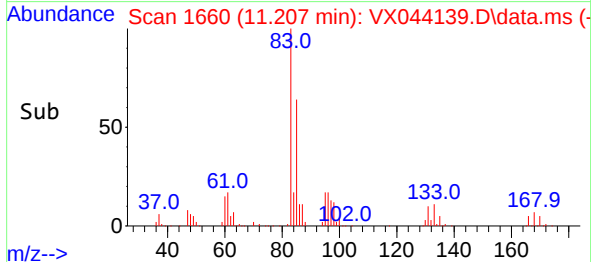
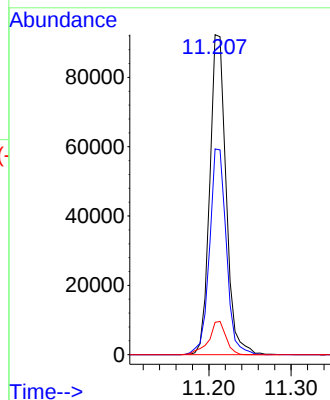
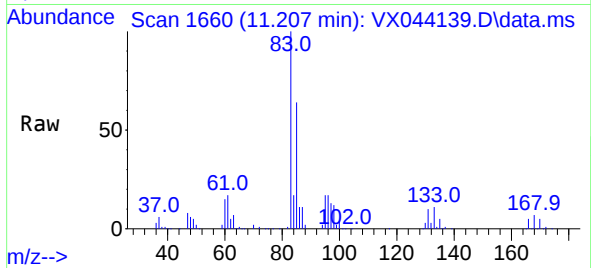




#57
1,1,2,2-Tetrachloroethane
Concen: 50.000 ug/L
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

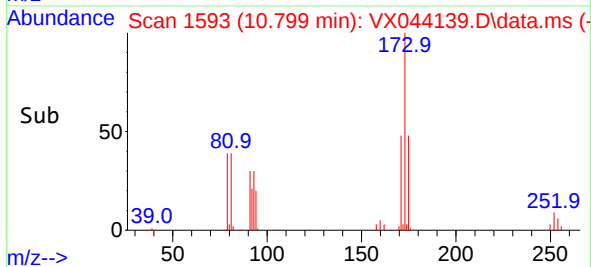
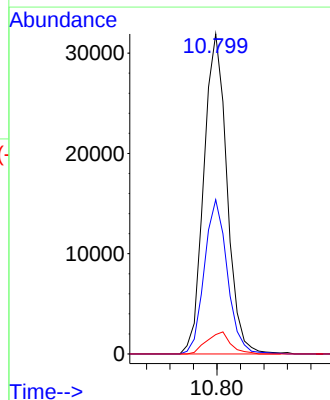
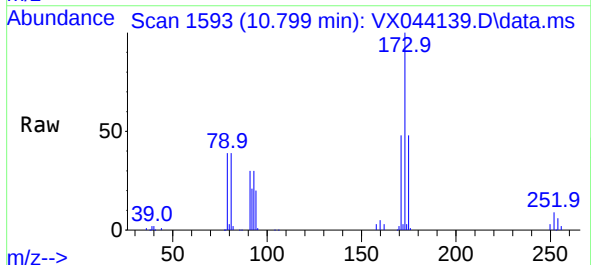
Instrument :
MSVOA_X
ClientSampleId :

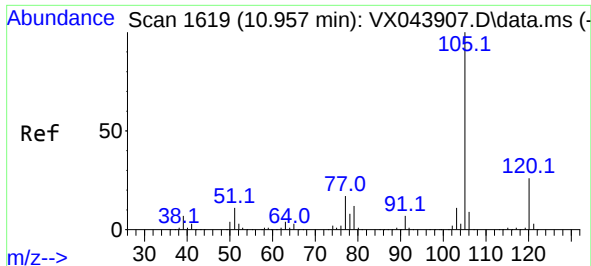
Tgt Ion: 83 Resp: 127345
Ion Ratio Lower Upper
83 100
85 64.3 46.0 85.4
131 10.1 8.8 13.2



#59
Bromoform
Concen: 50.000 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:173 Resp: 43548
Ion Ratio Lower Upper
173 100
175 48.0 40.0 60.0
254 7.1 6.3 9.5

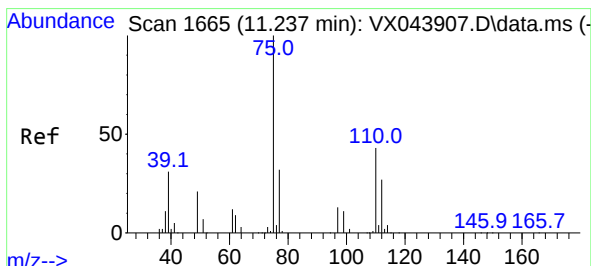
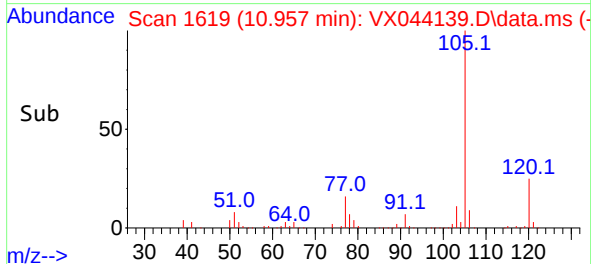
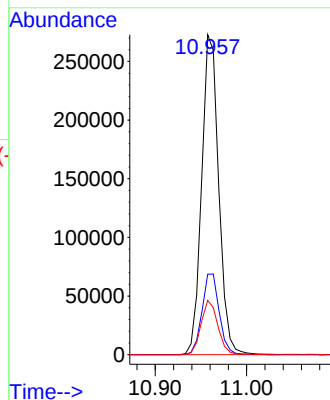
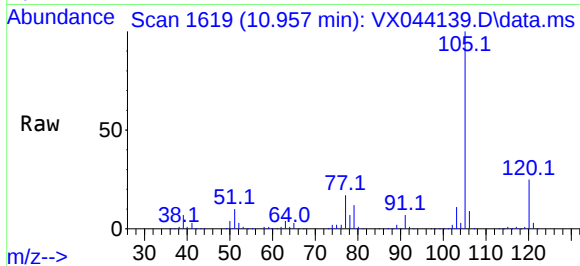




#60
Isopropylbenzene
Concen: 50.000 ug/L
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

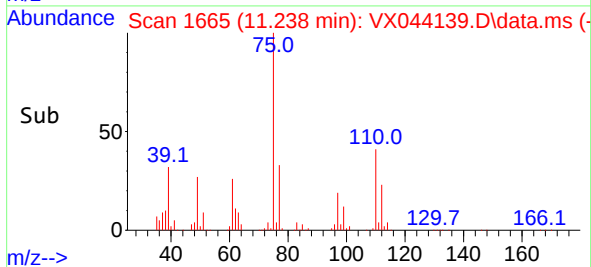
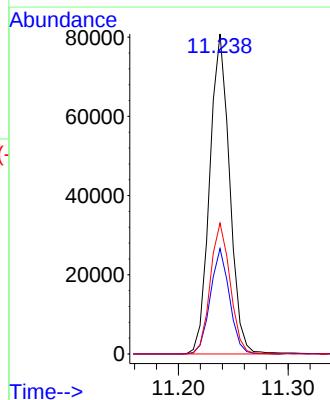
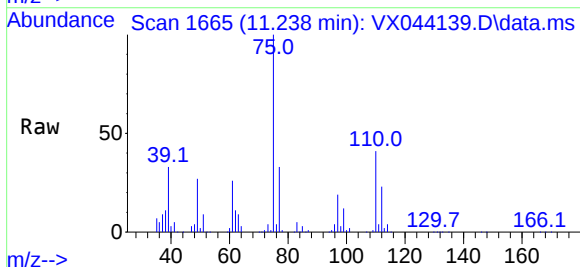
Instrument :
MSVOA_X
ClientSampleId :

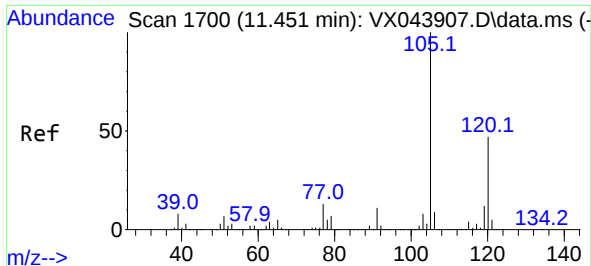
Tgt Ion:105 Resp: 353278
Ion Ratio Lower Upper
105 100
120 25.5 20.6 31.0
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 50.000 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion: 75 Resp: 102151
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
110 40.5 33.3 49.9

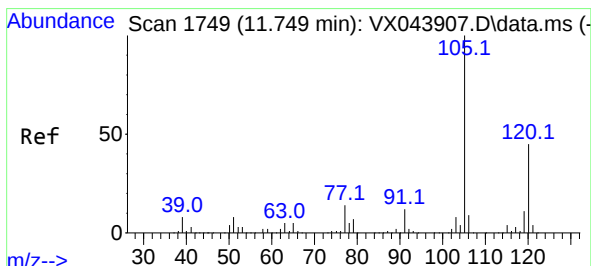
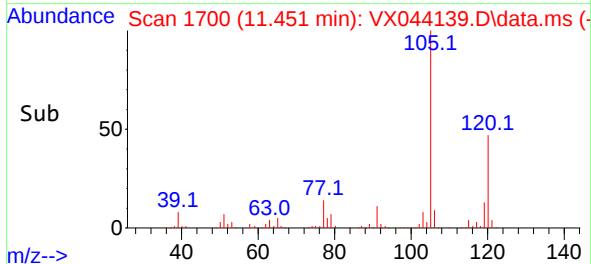
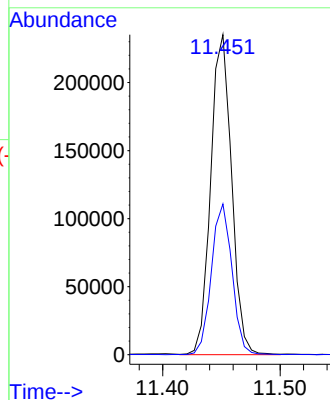
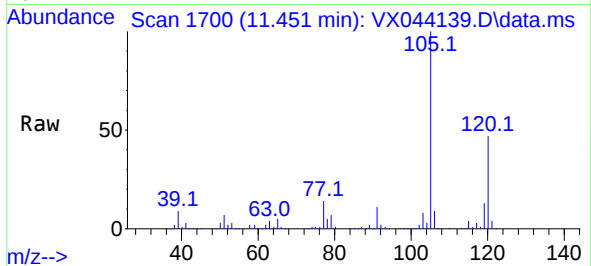




#62
1,3,5-Trimethylbenzene
Concen: 50.000 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

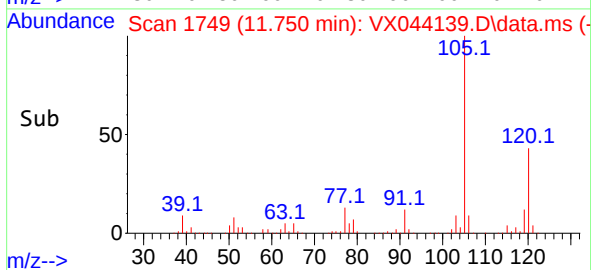
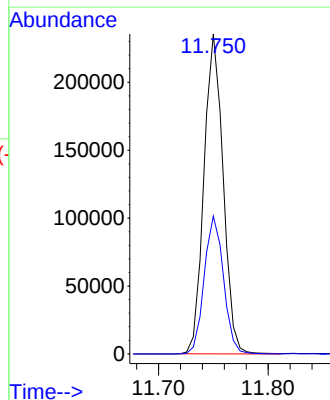
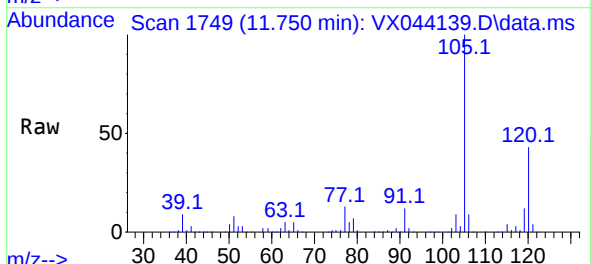
Instrument :
MSVOA_X
ClientSampleId :

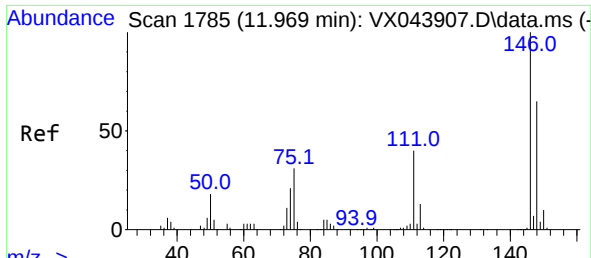
Tgt Ion:105 Resp: 290690
Ion Ratio Lower Upper
105 100
120 46.5 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 50.000 ug/L
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:105 Resp: 285520
Ion Ratio Lower Upper
105 100
120 43.2 34.5 51.7

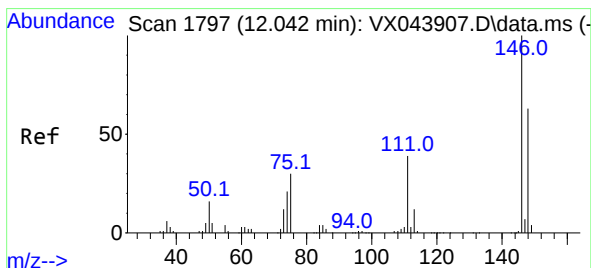
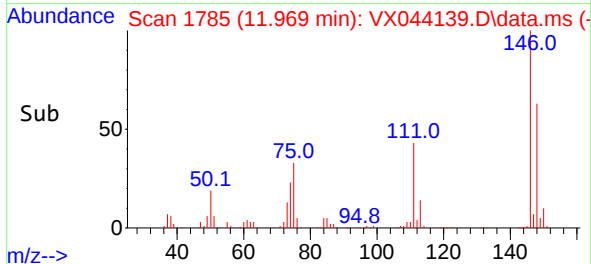
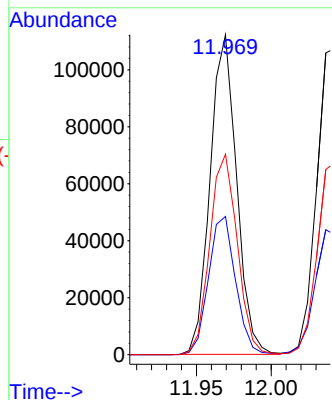
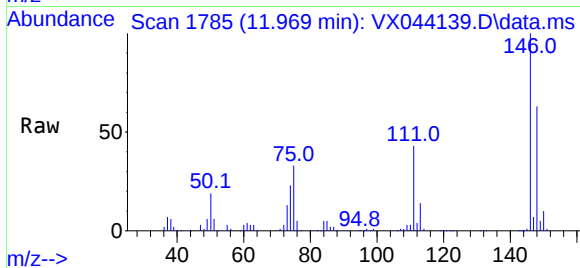




#64
1,3-Dichlorobenzene
Concen: 50.000 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

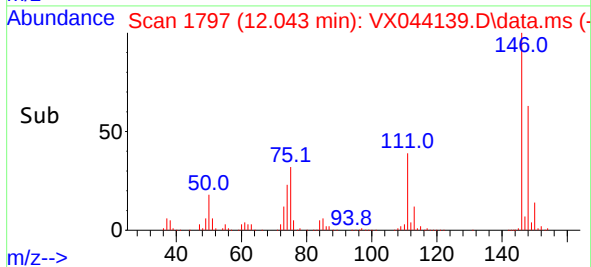
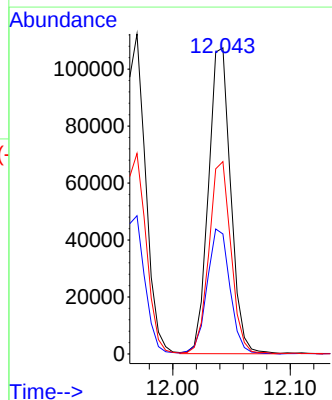
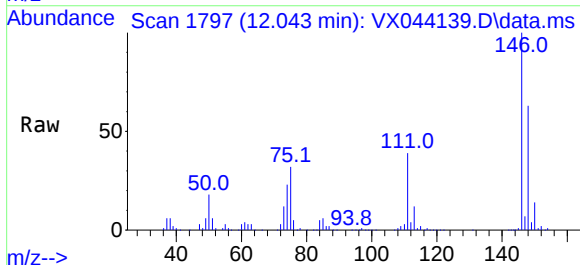
Instrument :
MSVOA_X
ClientSampleId :

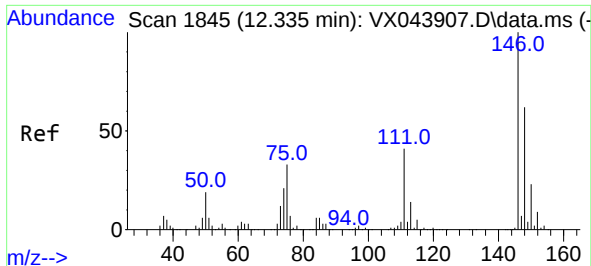
Tgt Ion:146 Resp: 138586
Ion Ratio Lower Upper
146 100
111 43.2 28.8 53.4
148 62.7 46.1 85.5



#65
1,4-Dichlorobenzene
Concen: 50.000 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:146 Resp: 141174
Ion Ratio Lower Upper
146 100
111 39.2 29.5 54.7
148 62.8 43.2 80.2

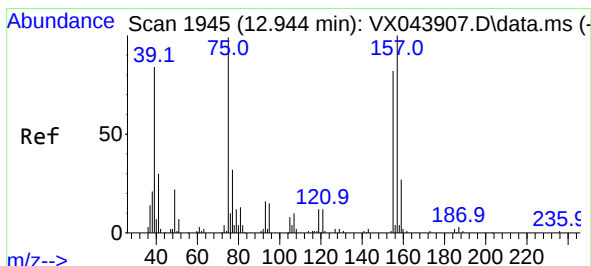
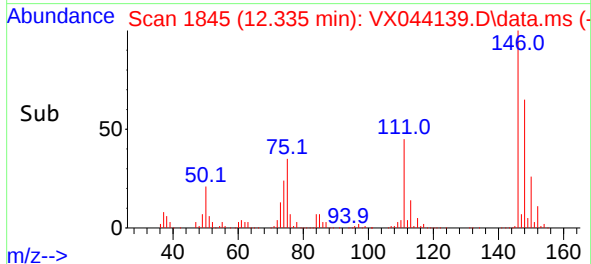
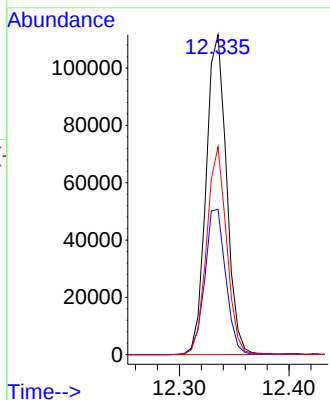
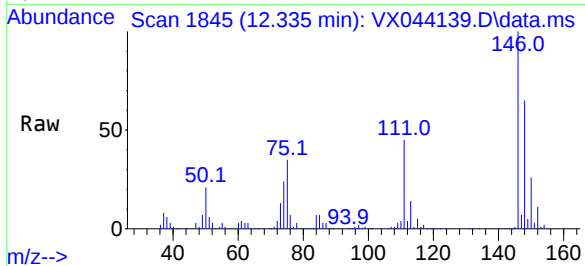




#67
1,2-Dichlorobenzene
Concen: 50.000 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

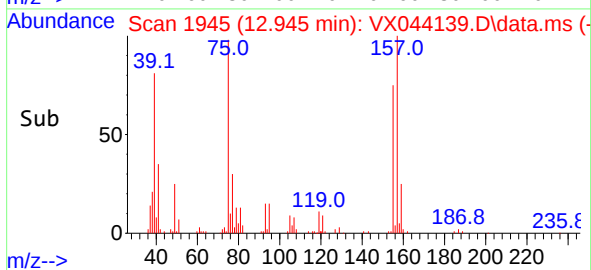
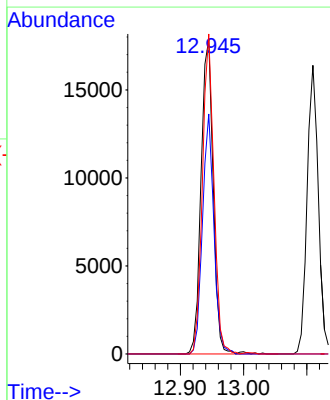
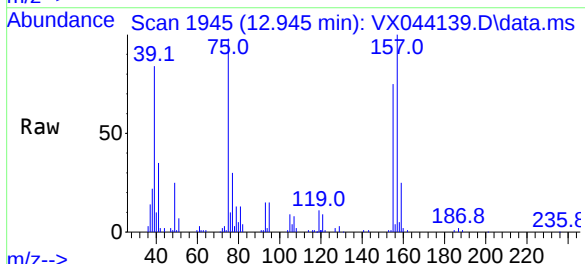
Instrument :
MSVOA_X
ClientSampleId :

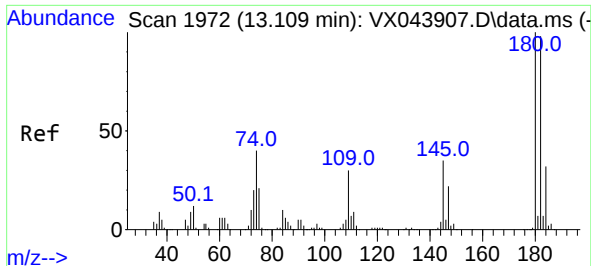
Tgt Ion:146 Resp: 144282
Ion Ratio Lower Upper
146 100
111 45.4 34.3 51.5
148 65.0 52.6 79.0



#68
1,2-Dibromo-3-chloropropane
Concen: 50.000 ug/L
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

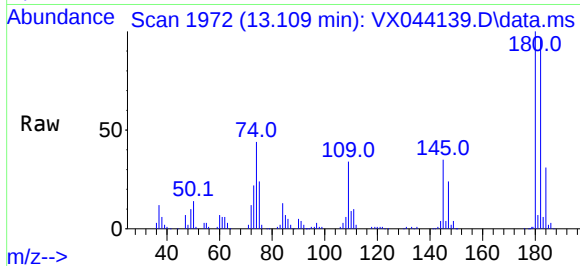
Tgt Ion: 75 Resp: 23794
Ion Ratio Lower Upper
75 100
155 76.4 60.5 90.7
157 101.8 73.5 110.3



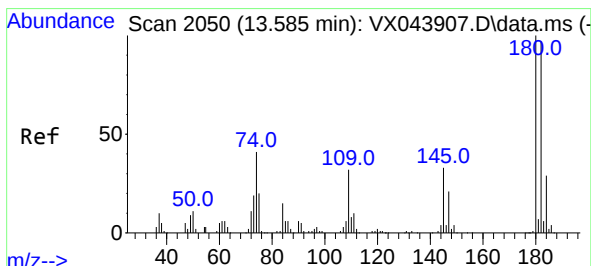
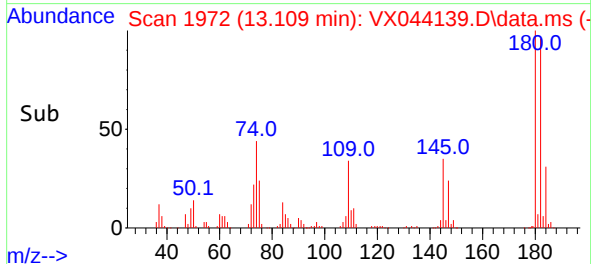
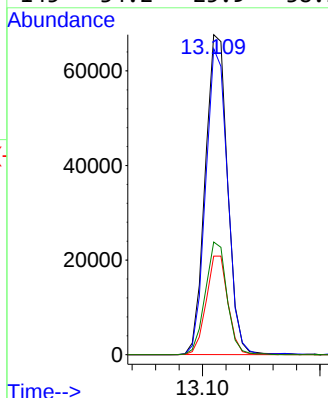


#69
1,3,5-Trichlorobenzene
Concen: 50.000 ug/L
RT: 13.109 min Scan# 1972
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :

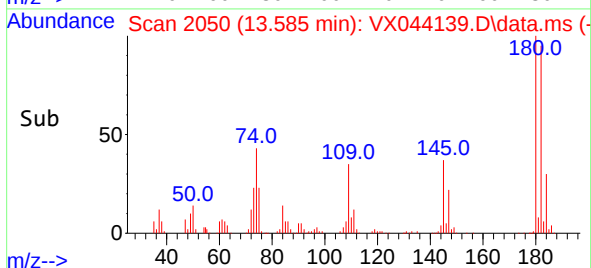
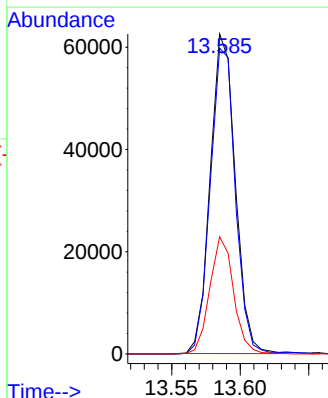
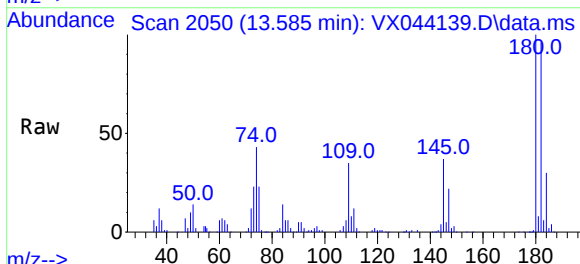


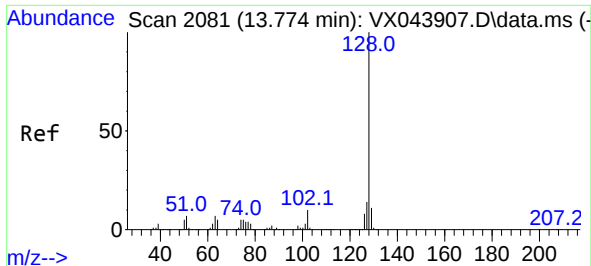
Tgt Ion:180 Resp: 89168
Ion Ratio Lower Upper
180 100
182 93.7 76.7 115.1
184 30.2 24.2 36.4
145 34.2 25.9 38.9



#70
1,2,4-trichlorobenzene
Concen: 50.000 ug/L
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

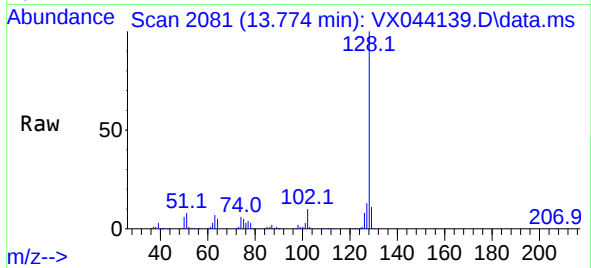
Tgt Ion:180 Resp: 79291
Ion Ratio Lower Upper
180 100
182 95.4 74.1 111.1
145 35.0 25.3 37.9



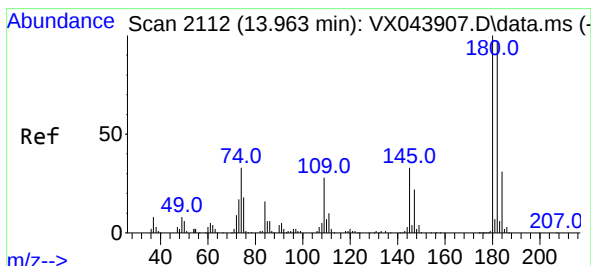
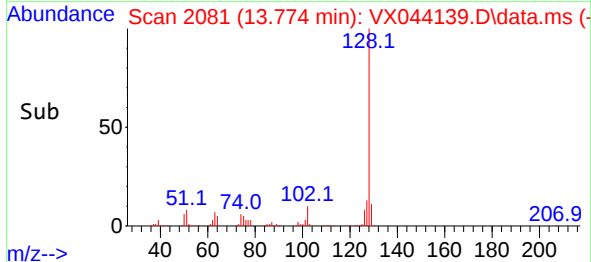
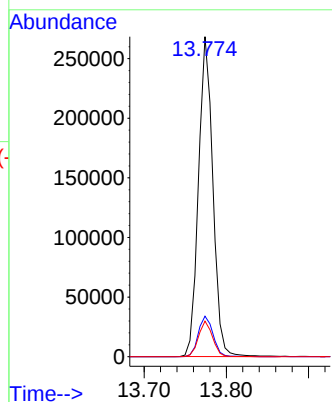


#71
Naphthalene
Concen: 50.000 ug/L
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 325990
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 50.000 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX044139.D
Acq: 05 Dec 2024 11:01

Tgt Ion:180 Resp: 84386
Ion Ratio Lower Upper
180 100
182 93.6 73.8 110.6
145 35.2 27.4 41.2

