

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122421\
 Data File : VX026008.D
 Acq On : 24 Dec 2021 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 24 16:38:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	258444	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	255381	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	135172	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	89242	48.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.380%
7) Chloroethane-d5	1.666	69	68685	46.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.313	63	179931	49.542	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.080%
21) 2-Butanone-d5	4.452	46	133823	84.221	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.220%
24) Chloroform-d	5.056	84	166847	45.492	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.980%
26) 1,2-Dichloroethane-d4	5.952	65	116468	46.902	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
32) Benzene-d6	5.976	84	351817	47.861	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
36) 1,2-Dichloropropane-d6	7.306	67	110629	48.416	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	8.647	98	334007	48.666	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.340%
43) trans-1,3-Dichloroprop...	8.952	79	50108	50.404	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.800%
47) 2-Hexanone-d5	9.384	63	110809	93.965	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.970%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	157782	46.831	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.660%
66) 1,2-Dichlorobenzene-d4	12.323	152	129334	50.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	136977	53.029	ug/L	100
3) Chloromethane	1.294	50	126807	52.888	ug/L	99
5) Vinyl chloride	1.374	62	123299	51.813	ug/L	99
6) Bromomethane	1.605	94	72760	53.544	ug/L	100
8) Chloroethane	1.691	64	71025	49.430	ug/L	100
9) Trichlorofluoromethane	1.892	101	184097	51.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	100702	54.231	ug/L	94
12) 1,1-Dichloroethene	2.319	96	91294	52.566	ug/L	77
13) Acetone	2.380	43	88681	102.087	ug/L	95
14) Carbon disulfide	2.514	76	237900	49.596	ug/L	98
15) Methyl Acetate	2.703	43	113713	47.497	ug/L #	91
16) Methylene chloride	2.788	84	113677	56.296	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	97885	52.928	ug/L	91
18) Methyl tert-butyl Ether	3.111	73	319878	53.242	ug/L	96
19) 1,1-Dichloroethane	3.611	63	181659	52.082	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	108692	52.661	ug/L	87
22) 2-Butanone	4.556	43	155768	96.306	ug/L	96
23) Bromochloromethane	4.897	128	54310	52.744	ug/L #	84
25) Chloroform	5.092	83	197543	54.284	ug/L	98

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 Response via : Initial Calibration

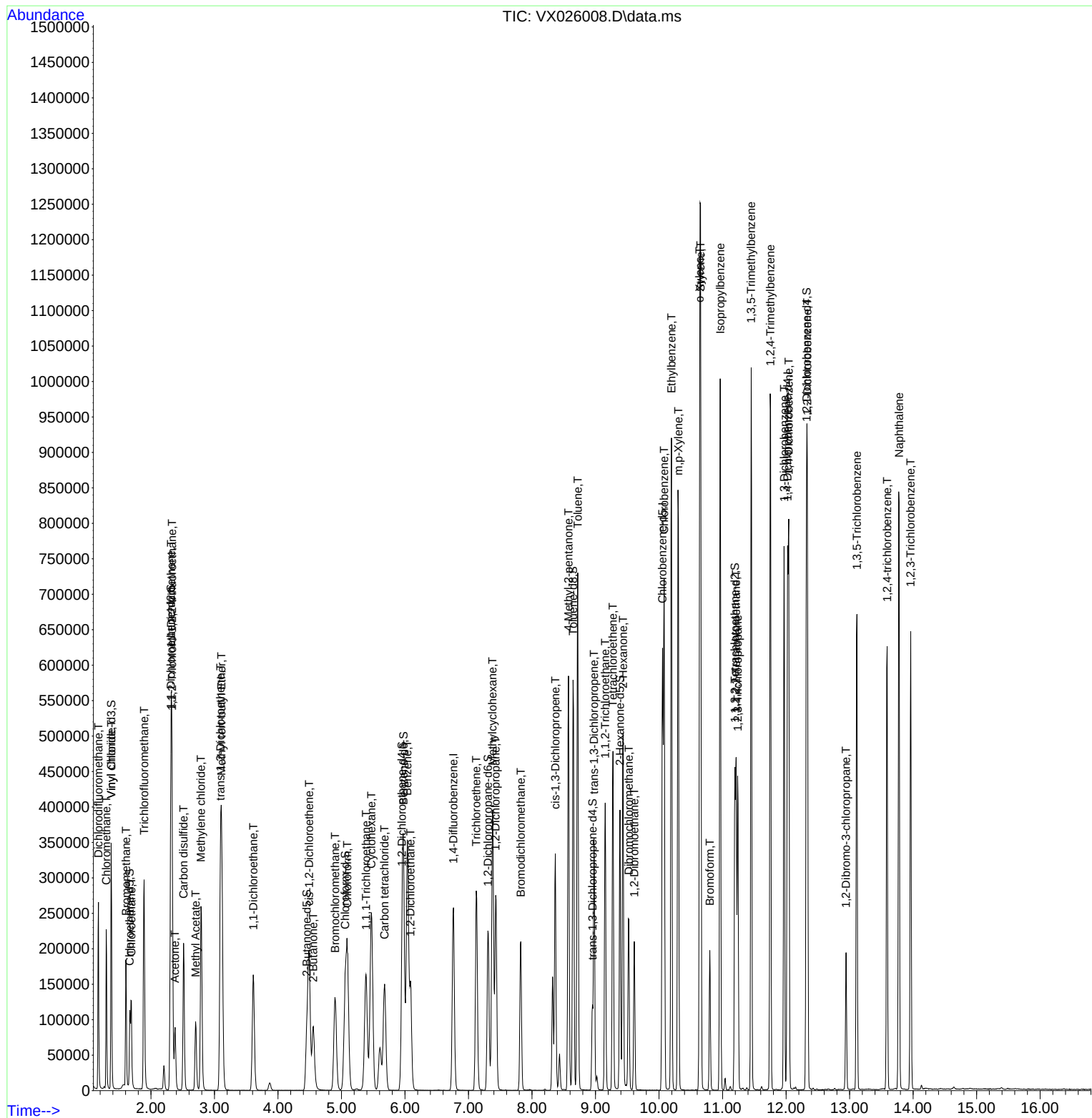
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	152722	50.878	ug/L	98
29) Cyclohexane	5.470	56	175358	52.279	ug/L	94
30) 1,1,1-Trichloroethane	5.385	97	157753	50.730	ug/L	96
31) Carbon tetrachloride	5.678	117	132447	49.145	ug/L	99
33) Benzene	6.037	78	410317	50.597	ug/L	100
34) Trichloroethene	7.123	95	105312	50.769	ug/L	91
35) Methylcyclohexane	7.379	83	171739	52.308	ug/L	93
37) 1,2-Dichloropropane	7.427	63	106605	51.791	ug/L	98
38) Bromodichloromethane	7.824	83	132097	48.968	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	158833	53.699	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	336334	97.190	ug/L	96
42) Toluene	8.720	91	452335	52.377	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	153491	54.683	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	105377	53.001	ug/L	98
46) Tetrachloroethene	9.275	164	86549	54.691	ug/L	97
48) 2-Hexanone	9.433	43	272127	103.388	ug/L	96
49) Dibromochloromethane	9.525	129	102788	50.059	ug/L	96
50) 1,2-Dibromoethane	9.610	107	112369	52.924	ug/L	98
51) Chlorobenzene	10.079	112	290819	53.498	ug/L	94
52) Ethylbenzene	10.195	91	509677	54.415	ug/L	97
53) m,p-Xylene	10.305	106	195148	54.580	ug/L	99
54) o-Xylene	10.640	106	185477	52.372	ug/L	86
55) Styrene	10.652	104	318089	53.204	ug/L	88
57) 1,1,2,2-Tetrachloroethane	11.213	83	165066	49.405	ug/L	96
59) Bromoform	10.799	173	66638	47.734	ug/L	99
60) Isopropylbenzene	10.963	105	494458	53.242	ug/L	97
61) 1,2,3-Trichloropropane	11.238	75	133369	49.380	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	417716	53.720	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	426150	54.706	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	221044	53.345	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	222497	53.332	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	217778	53.155	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	34111	47.938	ug/L #	78
69) 1,3,5-Trichlorobenzene	13.115	180	153508	55.184	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	140110	56.558	ug/L	97
71) Naphthalene	13.780	128	519568	55.480	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	139775	54.636	ug/L	99

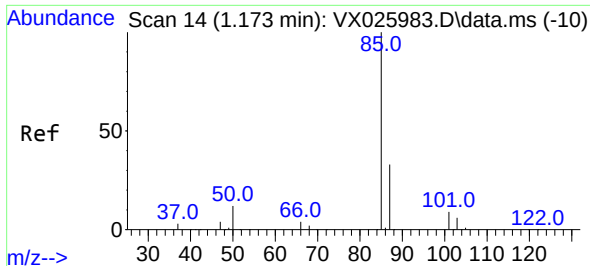
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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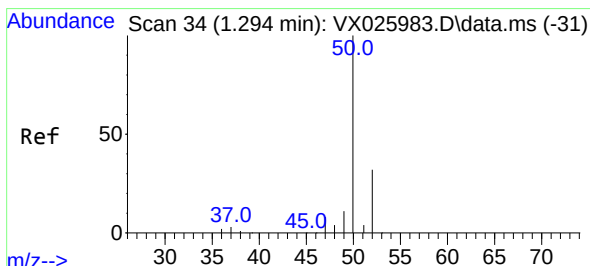
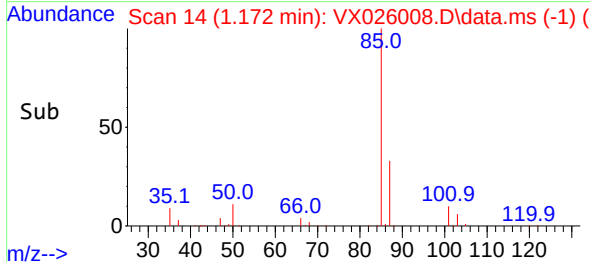
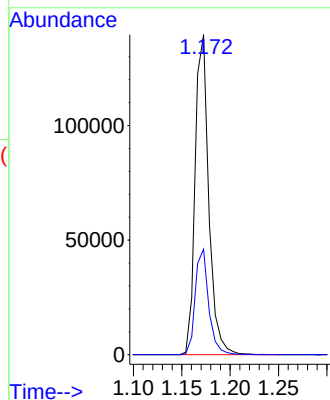
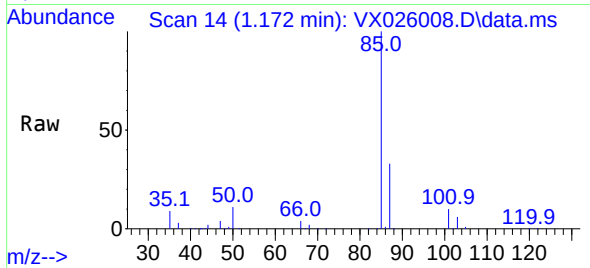




#2
Dichlorodifluoromethane
Concen: 53.029 ug/L
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

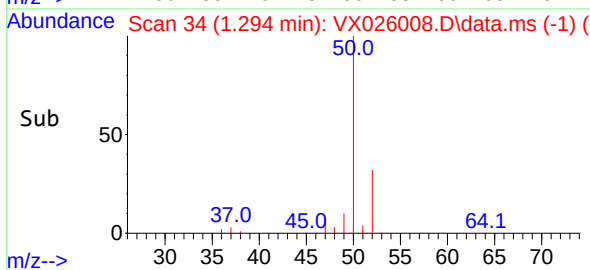
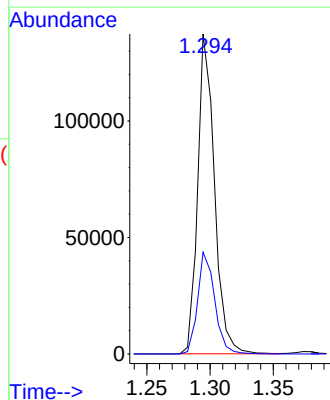
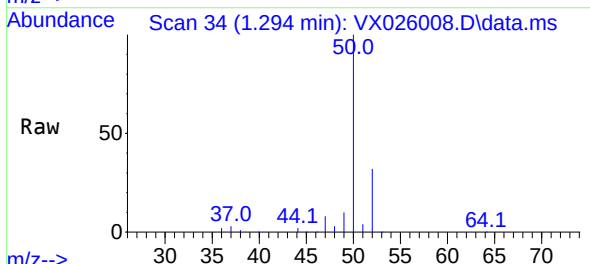
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 85 Resp: 136977
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6

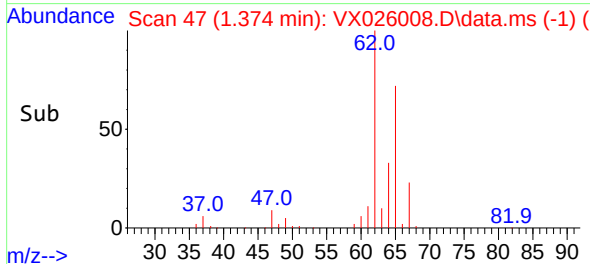
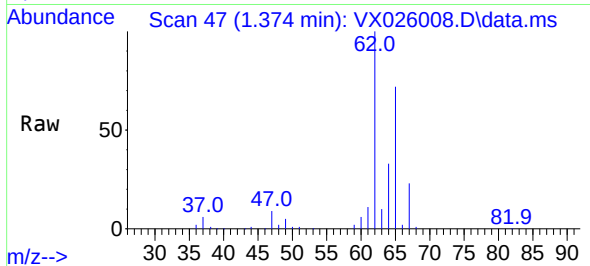
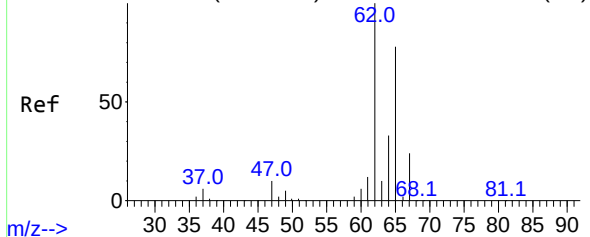


#3
Chloromethane
Concen: 52.888 ug/L
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion: 50 Resp: 126807
Ion Ratio Lower Upper
50 100
52 31.8 22.0 40.8



Abundance Scan 47 (1.374 min): VX025983.D\data.ms (-44)



#5

Vinyl chloride

Concen: 51.813 ug/L

RT: 1.374 min Scan# 41

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

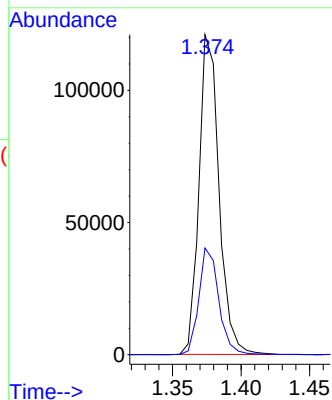
ClientSampleId :

Tgt Ion: 62 Resp: 123299

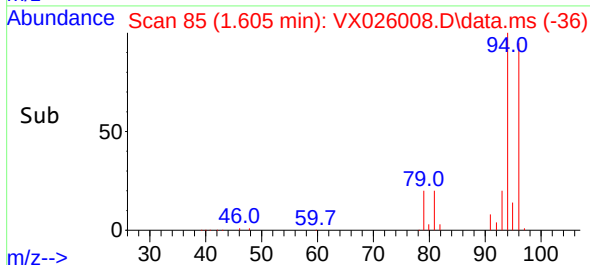
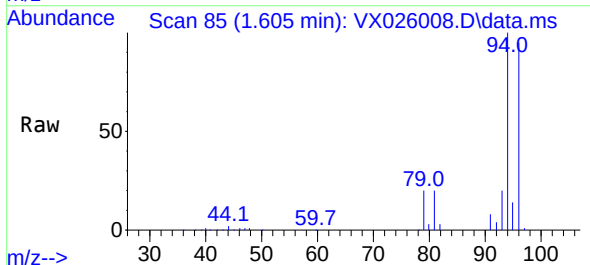
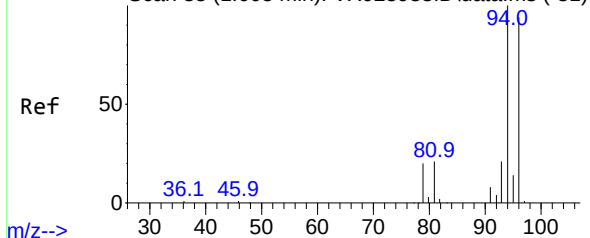
Ion Ratio Lower Upper

62 100

64 33.4 22.9 42.5



Abundance Scan 85 (1.605 min): VX025983.D\data.ms (-81)



#6

Bromomethane

Concen: 53.544 ug/L

RT: 1.605 min Scan# 85

Delta R.T. 0.000 min

Lab File: VX026008.D

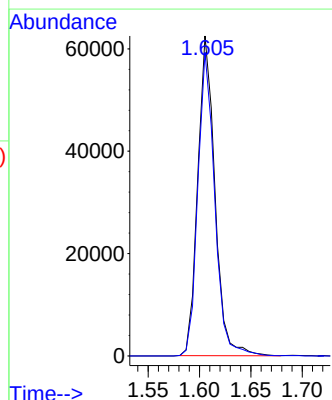
Acq: 24 Dec 2021 10:20

Tgt Ion: 94 Resp: 72760

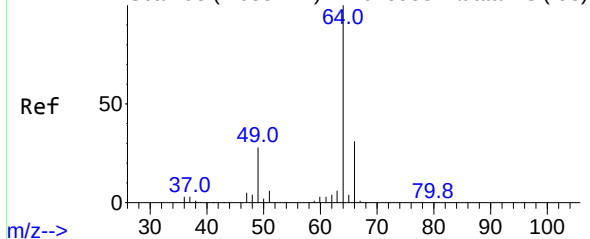
Ion Ratio Lower Upper

94 100

96 94.9 66.7 123.9



Abundance Scan 98 (1.685 min): VX025983.D\data.ms (-93)



#8

Chloroethane

Concen: 49.430 ug/L

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

ClientSampleId :

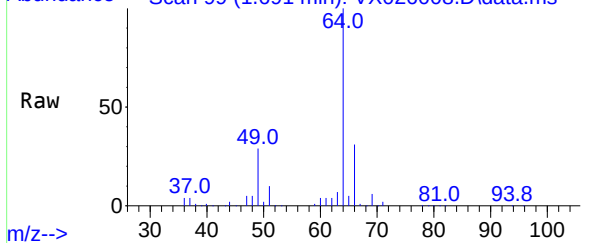
Tgt Ion: 64 Resp: 71025

Ion Ratio Lower Upper

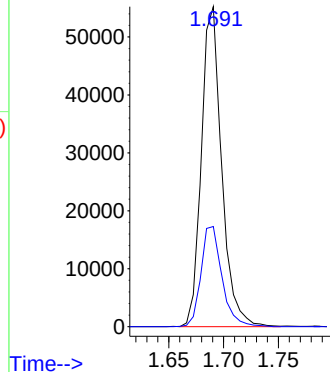
64 100

66 31.3 22.0 40.8

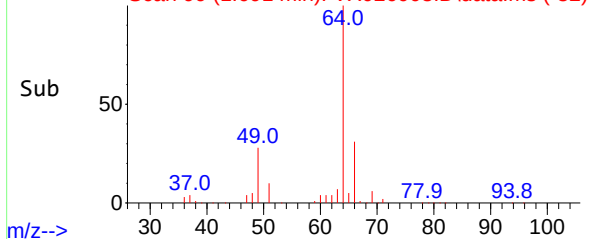
Abundance Scan 99 (1.691 min): VX026008.D\data.ms



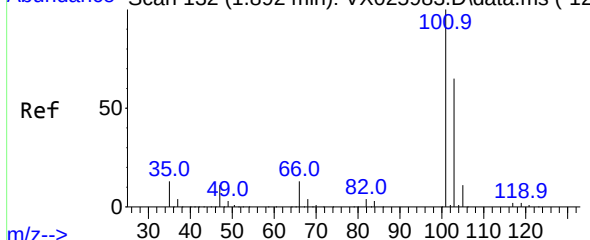
Abundance



Abundance Scan 99 (1.691 min): VX026008.D\data.ms (-32)



Abundance Scan 132 (1.892 min): VX025983.D\data.ms (-12)



#9

Trichlorofluoromethane

Concen: 51.123 ug/L

RT: 1.892 min Scan# 132

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

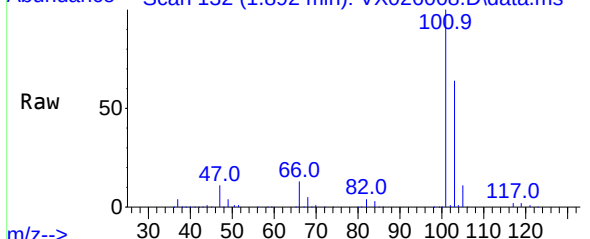
Tgt Ion:101 Resp: 184097

Ion Ratio Lower Upper

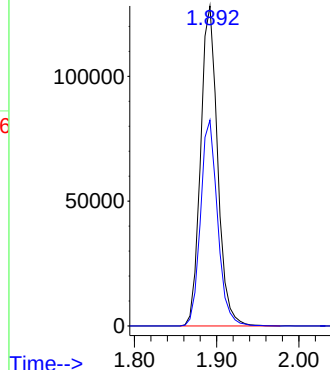
101 100

103 64.4 52.2 78.2

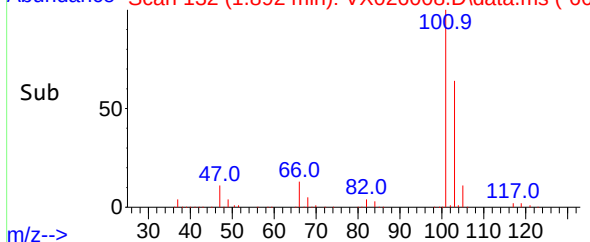
Abundance Scan 132 (1.892 min): VX026008.D\data.ms

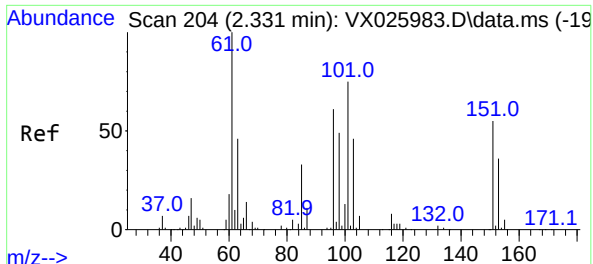


Abundance



Abundance Scan 132 (1.892 min): VX026008.D\data.ms (-66)

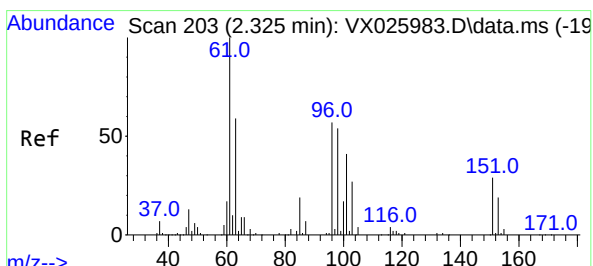
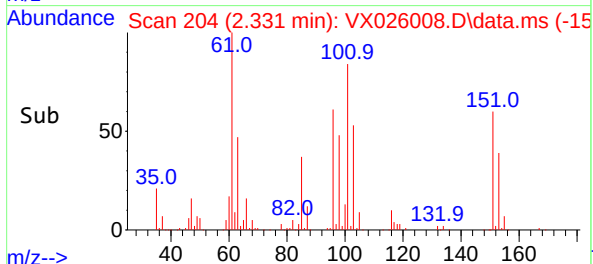
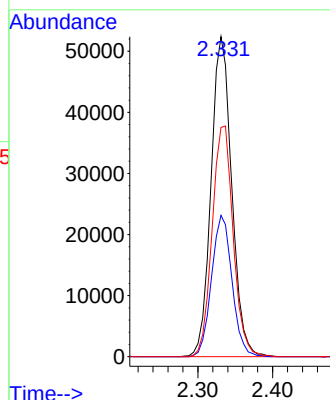
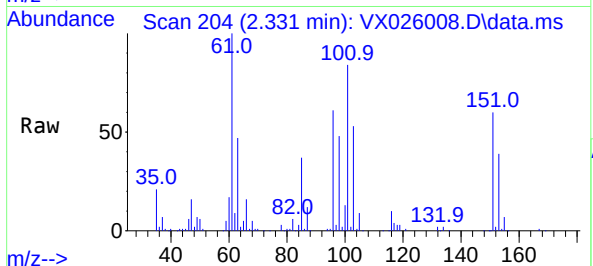




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 54.231 ug/L
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

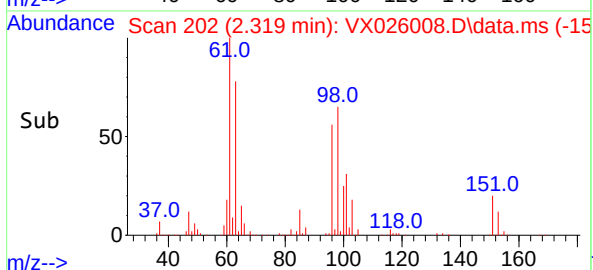
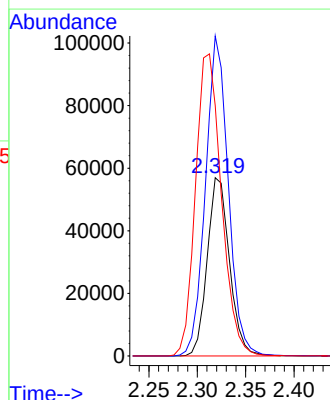
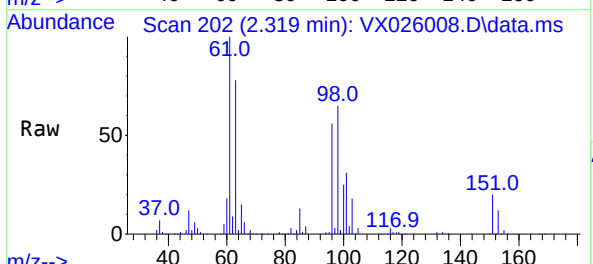
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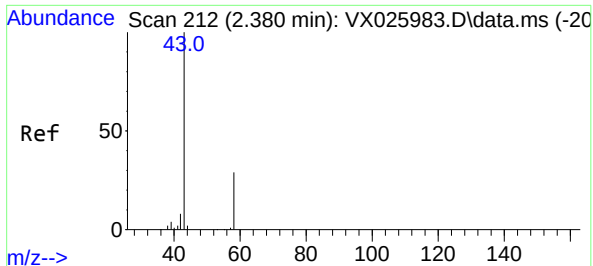
Tgt Ion:101 Resp: 100702
Ion Ratio Lower Upper
101 100
85 43.7 34.3 51.5
151 73.5 65.2 97.8



#12
1,1-Dichloroethene
Concen: 52.566 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion: 96 Resp: 91294
Ion Ratio Lower Upper
96 100
61 179.5 108.7 201.9
63 140.4 76.3 141.7

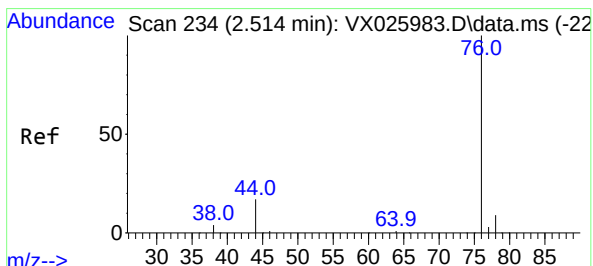
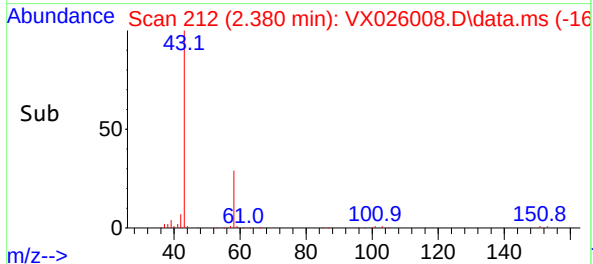
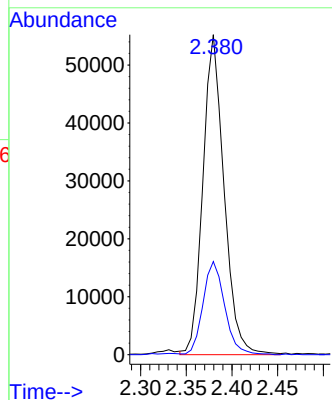
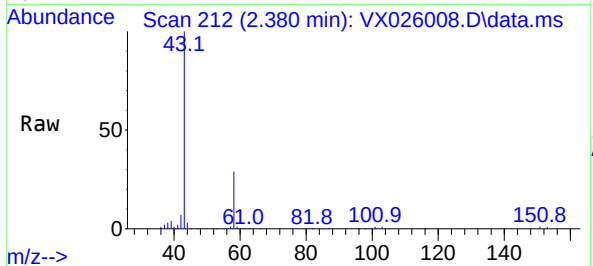




#13
Acetone
Concen: 102.087 ug/L
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

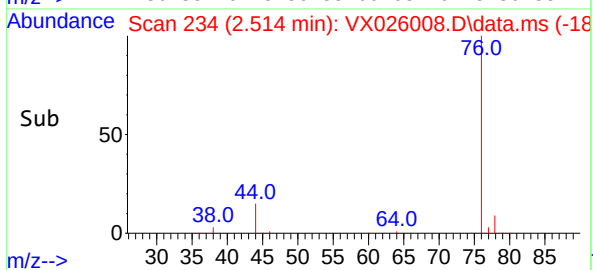
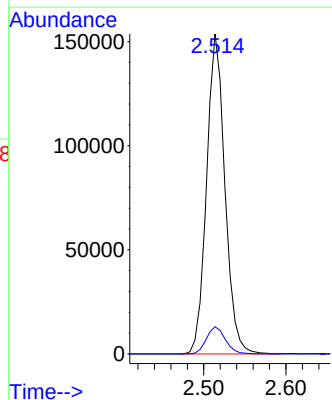
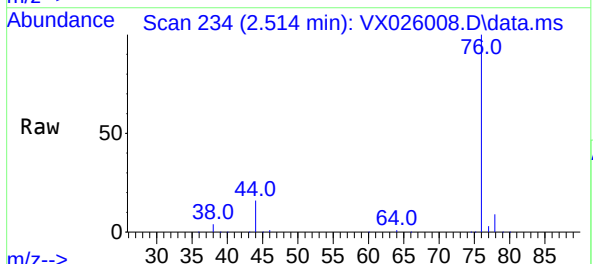
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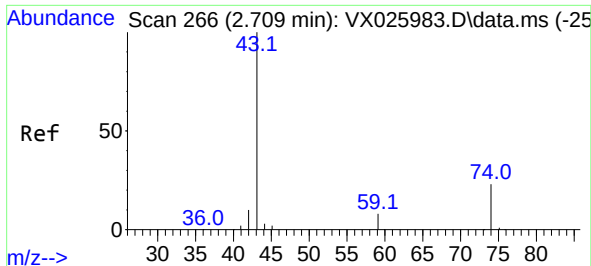
Tgt Ion: 43 Resp: 88681
Ion Ratio Lower Upper
43 100
58 29.8 0.0 65.6



#14
Carbon disulfide
Concen: 49.596 ug/L
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion: 76 Resp: 237900
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

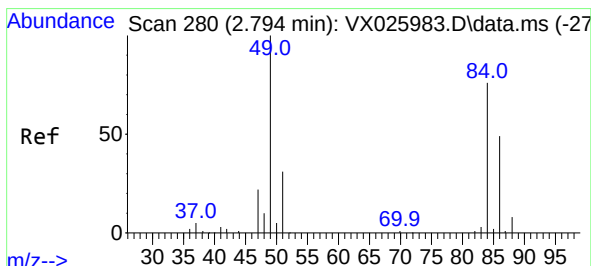
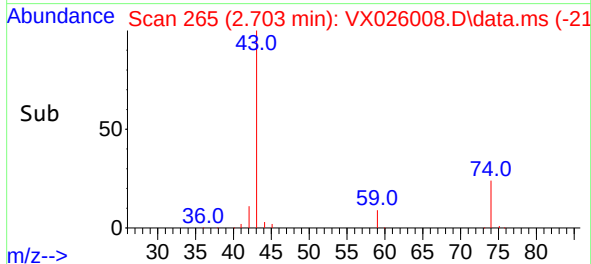
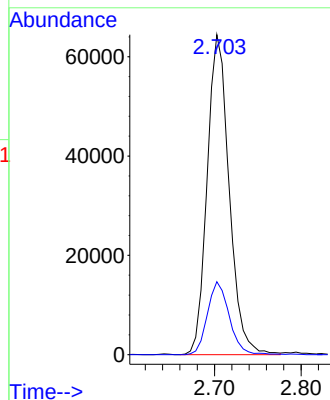
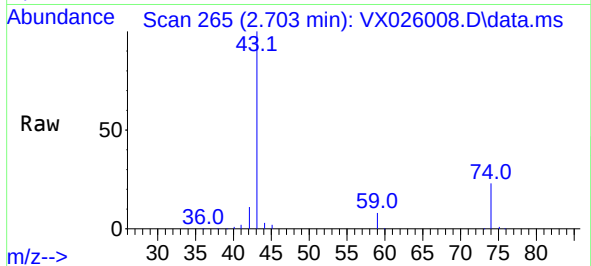




#15
Methyl Acetate
Concen: 47.497 ug/L
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

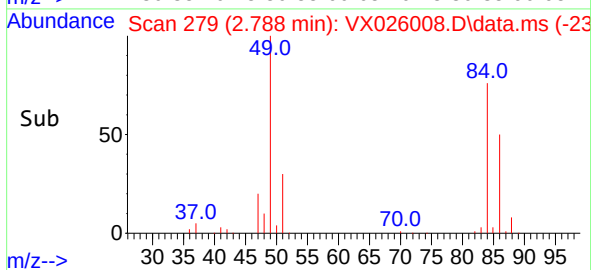
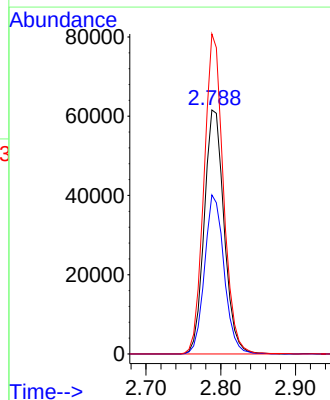
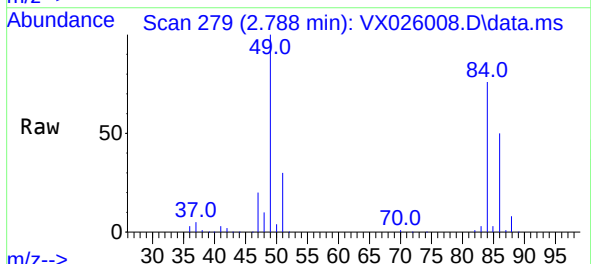
Instrument :
MSVOA_X
ClientSampleId :

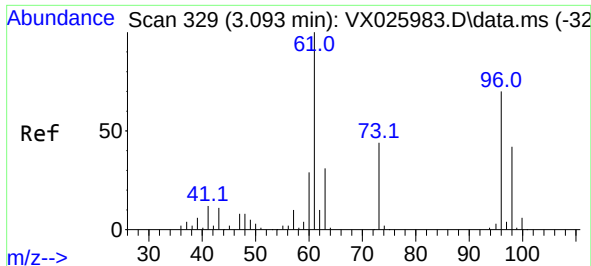
Tgt Ion: 43 Resp: 113713
Ion Ratio Lower Upper
43 100
74 22.4 0.1 0.1#



#16
Methylene chloride
Concen: 56.296 ug/L
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

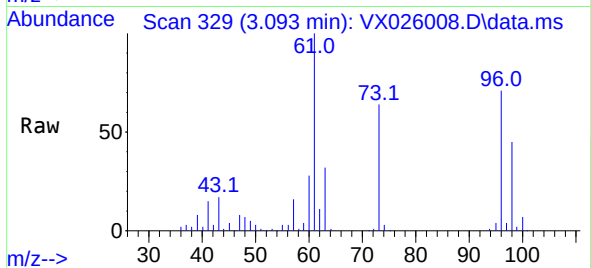
Tgt Ion: 84 Resp: 113677
Ion Ratio Lower Upper
84 100
86 65.1 45.1 83.9
49 131.1 82.3 152.8



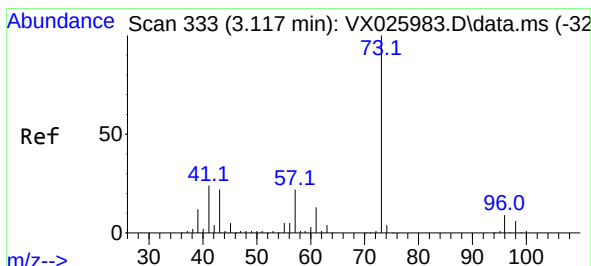
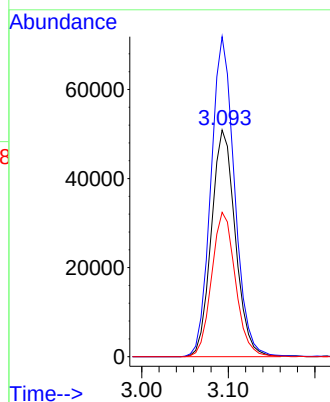
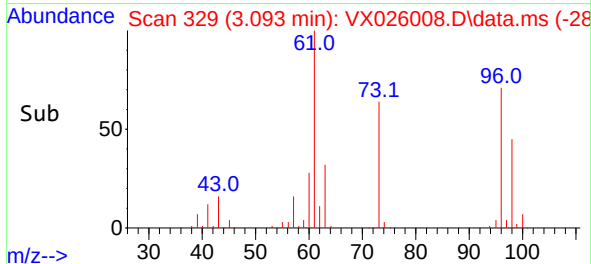


#17
trans-1,2-Dichloroethene
Concen: 52.928 ug/L
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

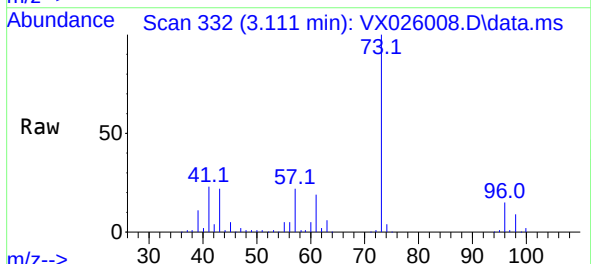
Instrument :
MSVOA_X
ClientSampleId :



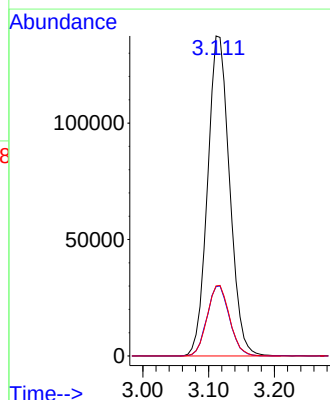
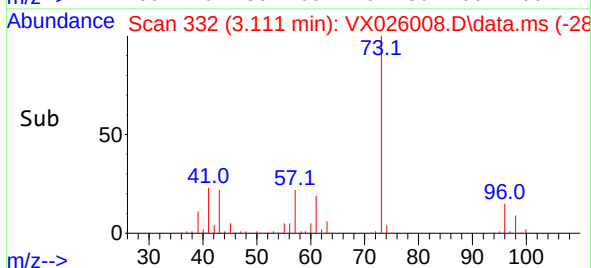
Tgt Ion: 96 Resp: 97885
Ion Ratio Lower Upper
96 100
61 141.1 88.5 164.4
98 63.6 44.3 82.3

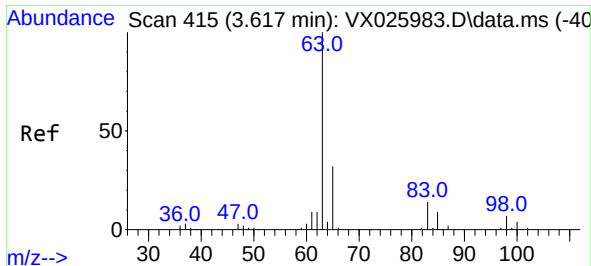


#18
Methyl tert-butyl Ether
Concen: 53.242 ug/L
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20



Tgt Ion: 73 Resp: 319878
Ion Ratio Lower Upper
73 100
43 22.3 15.7 23.5
57 22.5 17.3 25.9





#19

1,1-Dichloroethane

Concen: 52.082 ug/L

RT: 3.611 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

ClientSampleId :

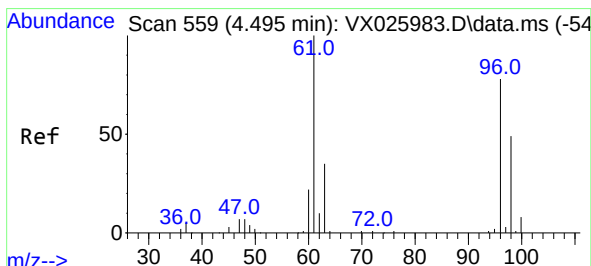
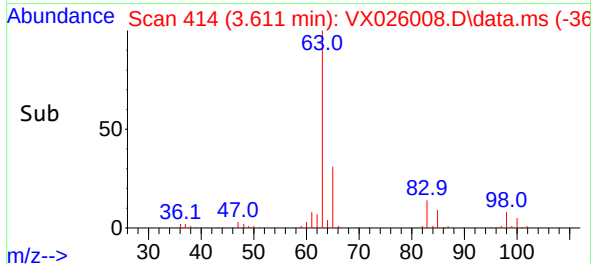
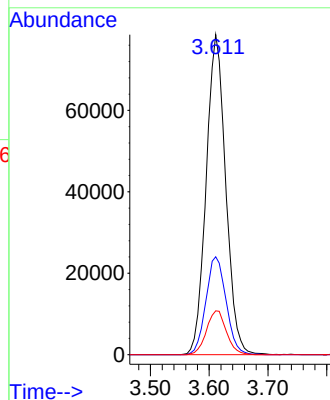
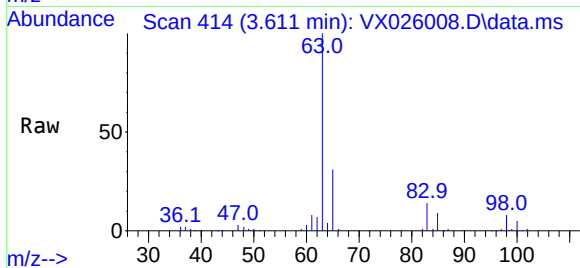
Tgt Ion: 63 Resp: 181659

Ion Ratio Lower Upper

63 100

65 30.6 22.2 41.2

83 13.7 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 52.661 ug/L

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

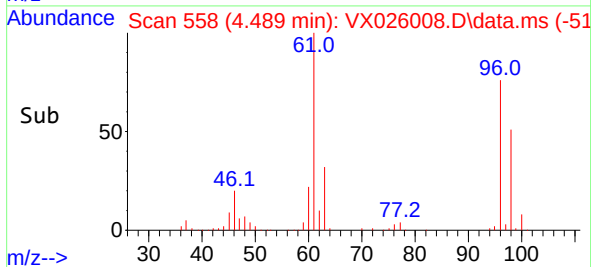
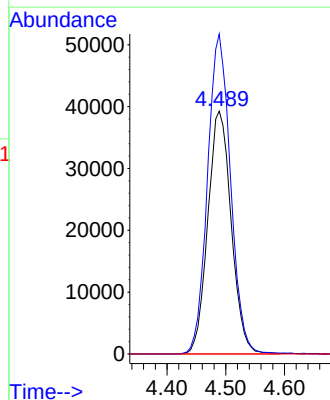
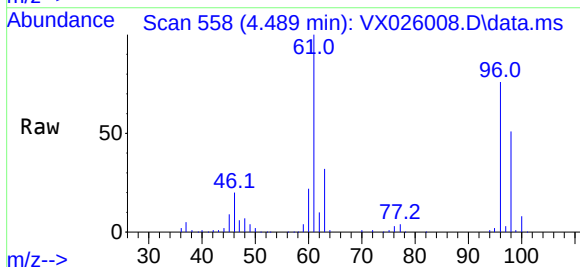
Tgt Ion: 96 Resp: 108692

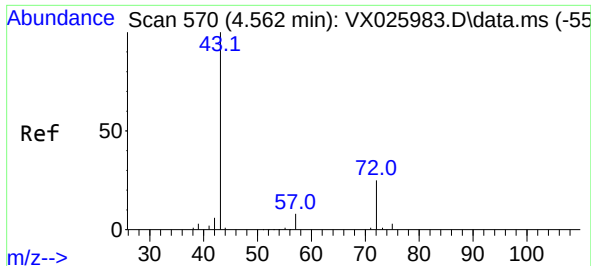
Ion Ratio Lower Upper

96 100

61 131.8 82.3 152.8

68 0.0 0.0 0.0

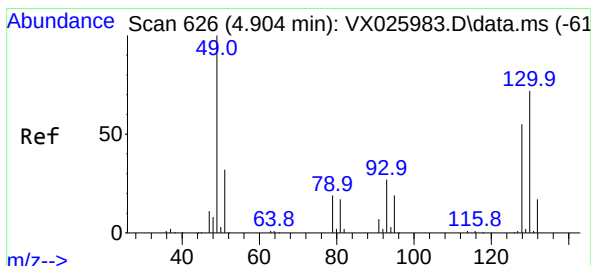
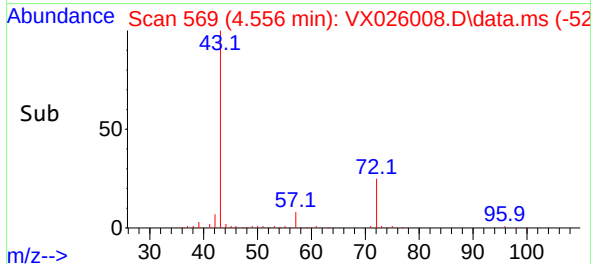
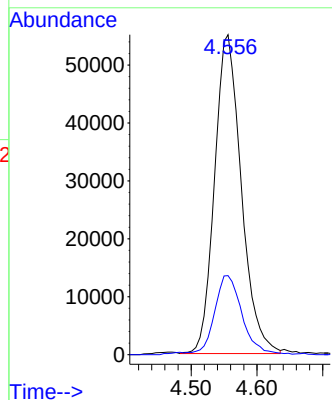
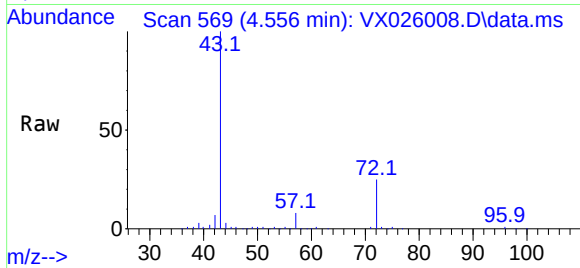




#22
2-Butanone
Concen: 96.306 ug/L
RT: 4.556 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

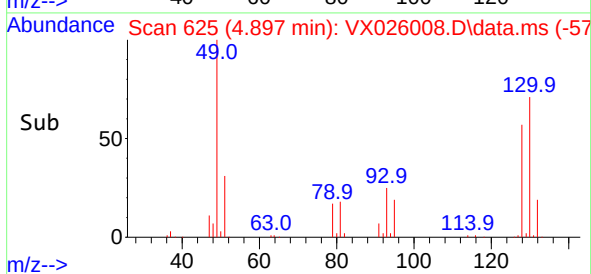
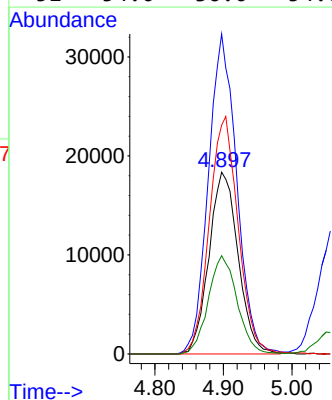
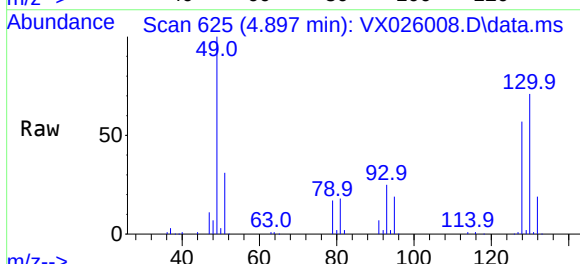
Instrument :
MSVOA_X
ClientSampleId :

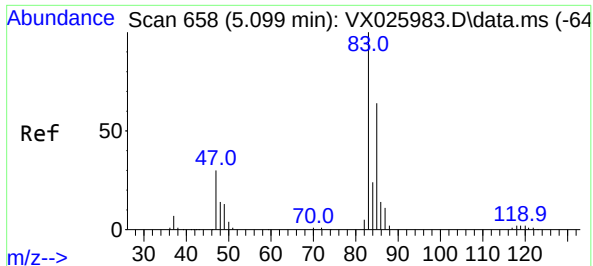
Tgt Ion: 43 Resp: 155768
Ion Ratio Lower Upper
43 100
72 25.4 13.8 41.3



#23
Bromochloromethane
Concen: 52.744 ug/L
RT: 4.897 min Scan# 625
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion:128 Resp: 54310
Ion Ratio Lower Upper
128 100
49 176.0 97.7 181.5
130 125.8 88.2 163.8
51 54.0 36.0 54.0#





#25

Chloroform

Concen: 54.284 ug/L

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

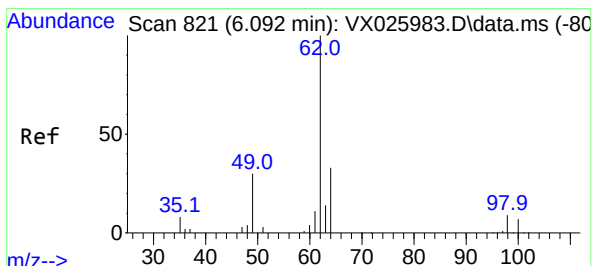
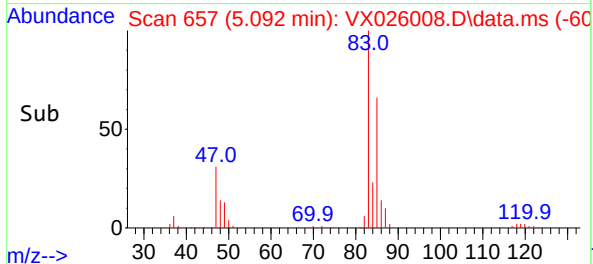
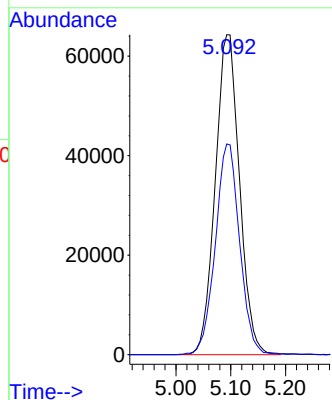
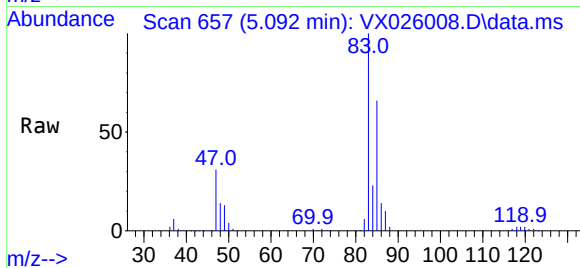
ClientSampleId :

Tgt Ion: 83 Resp: 197543

Ion Ratio Lower Upper

83 100

85 65.9 44.9 83.5



#27

1,2-Dichloroethane

Concen: 50.878 ug/L

RT: 6.086 min Scan# 820

Delta R.T. -0.006 min

Lab File: VX026008.D

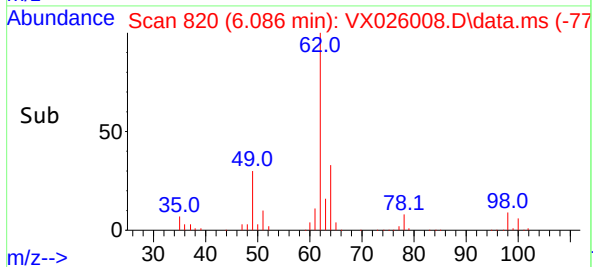
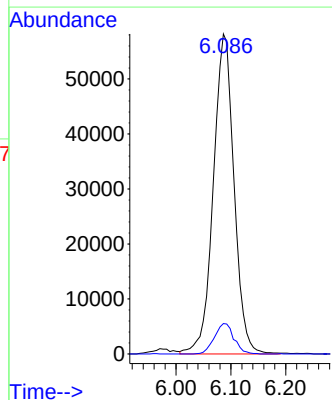
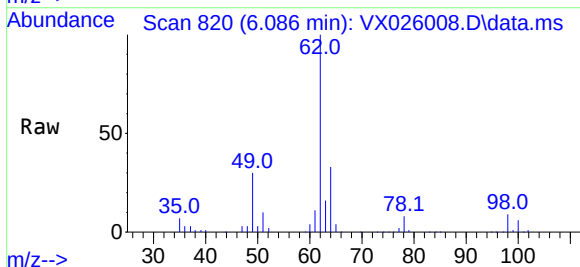
Acq: 24 Dec 2021 10:20

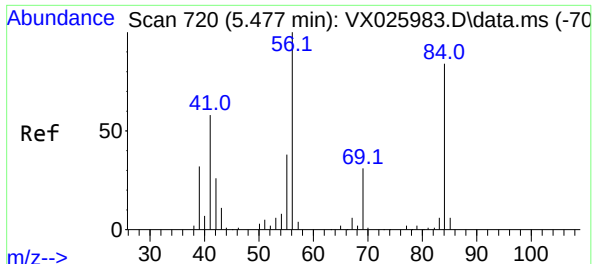
Tgt Ion: 62 Resp: 152722

Ion Ratio Lower Upper

62 100

98 9.5 8.2 12.2





#29

Cyclohexane

Concen: 52.279 ug/L

RT: 5.470 min Scan# 719

Delta R.T. -0.006 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

ClientSampleId :

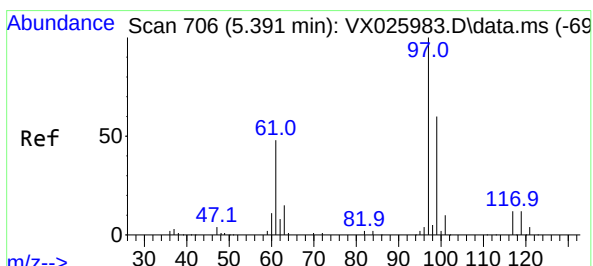
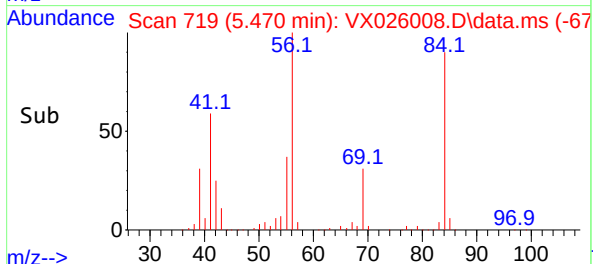
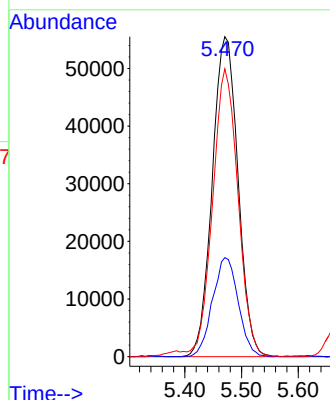
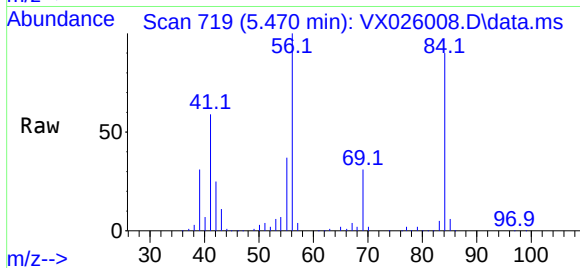
Tgt Ion: 56 Resp: 175358

Ion Ratio Lower Upper

56 100

69 30.9 25.4 38.2

84 88.4 76.6 114.8



#30

1,1,1-Trichloroethane

Concen: 50.730 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

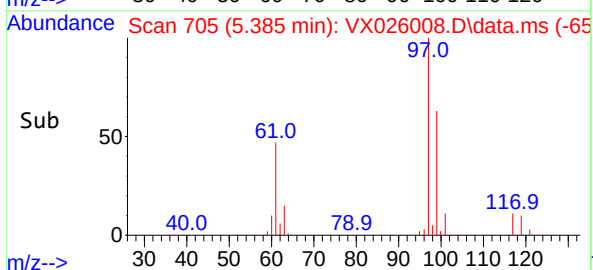
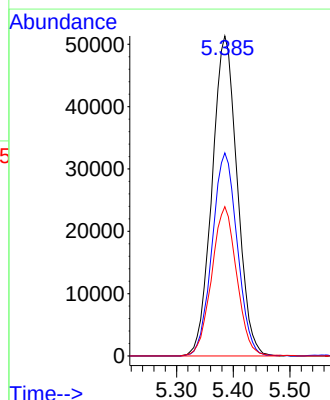
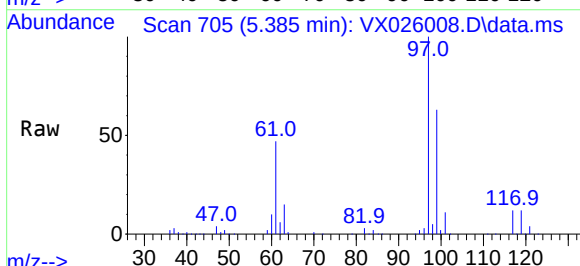
Tgt Ion: 97 Resp: 157753

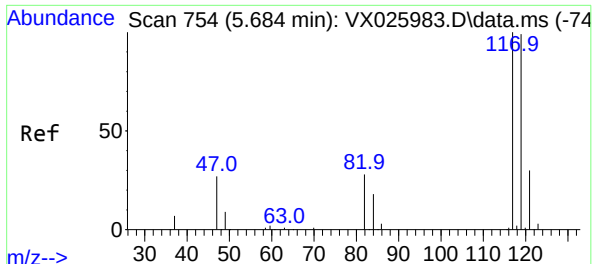
Ion Ratio Lower Upper

97 100

99 63.5 51.5 77.3

61 46.5 33.1 49.7

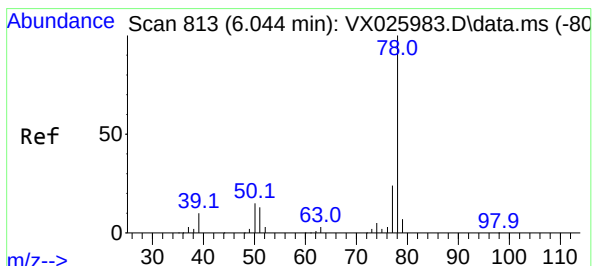
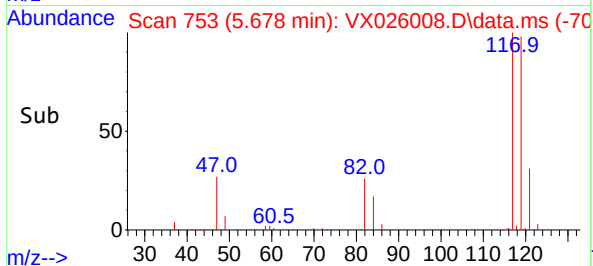
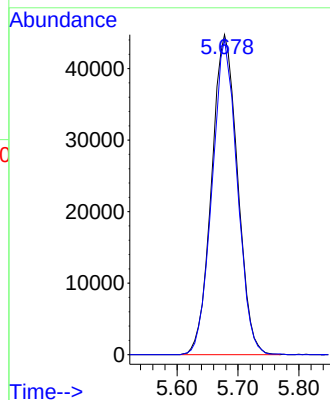
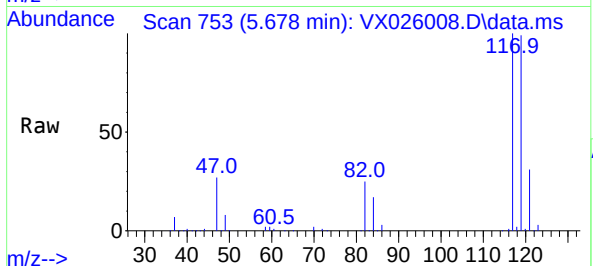




#31
Carbon tetrachloride
Concen: 49.145 ug/L
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

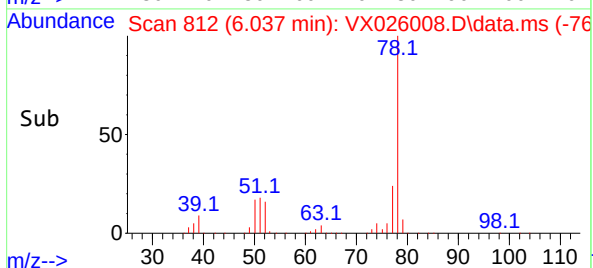
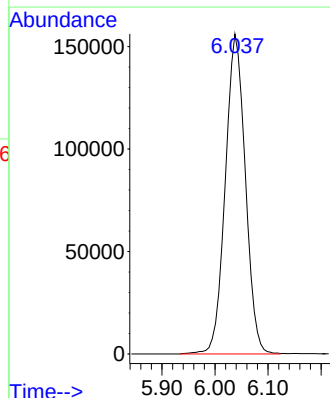
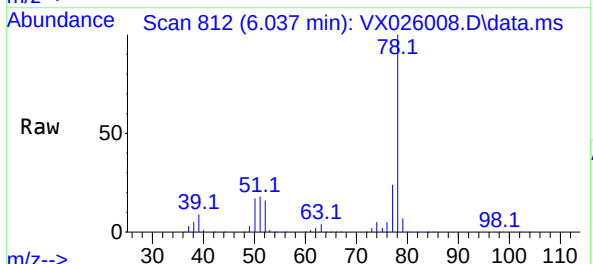
Instrument :
MSVOA_X
ClientSampleId :

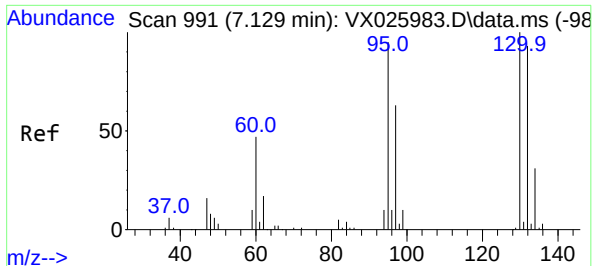
Tgt Ion:117 Resp: 132447
Ion Ratio Lower Upper
117 100
119 95.1 76.8 115.2



#33
Benzene
Concen: 50.597 ug/L
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

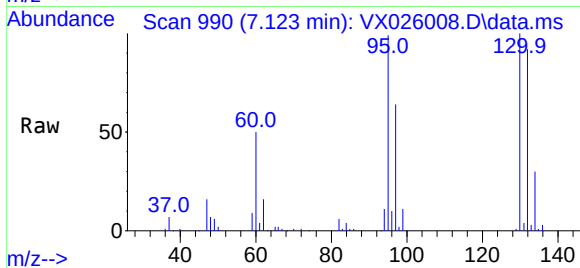
Tgt Ion: 78 Resp: 410317





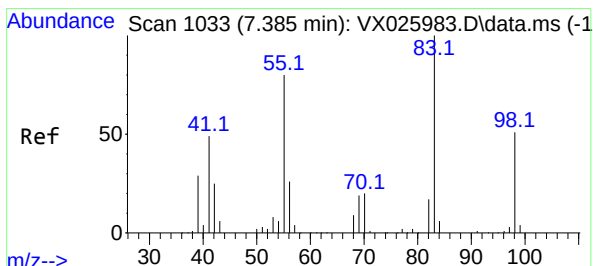
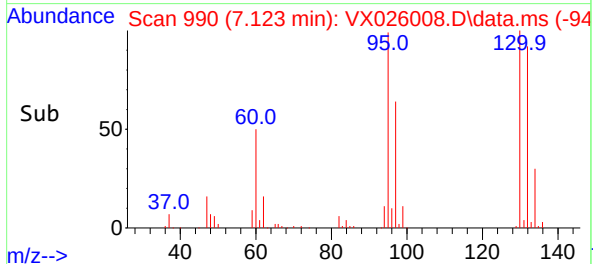
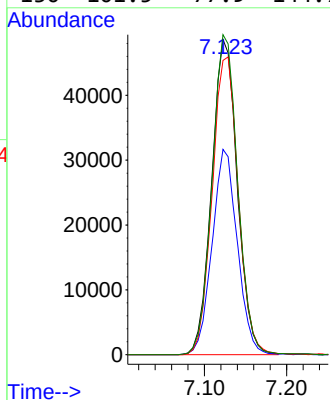
#34
Trichloroethene
Concen: 50.769 ug/L
RT: 7.123 min Scan# 991
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 105312

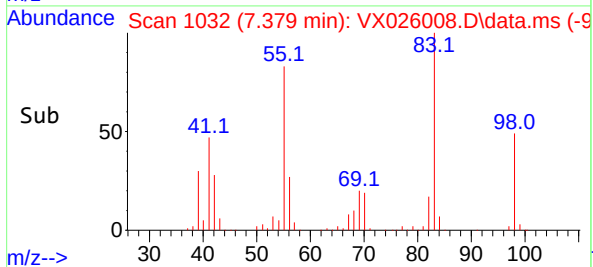
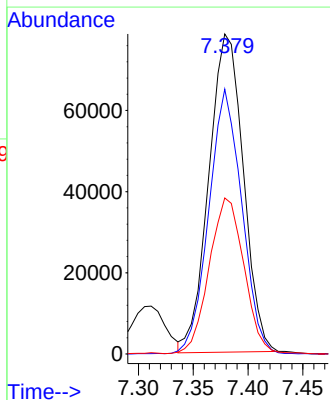
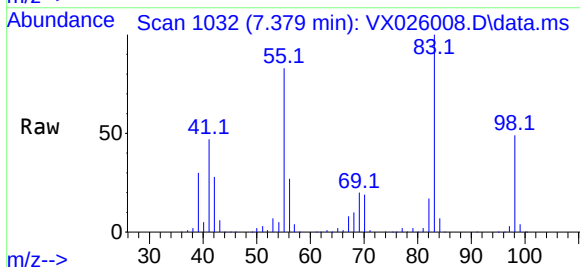
Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.0	85.4
132	93.3	75.0	139.2
130	101.5	77.9	144.7

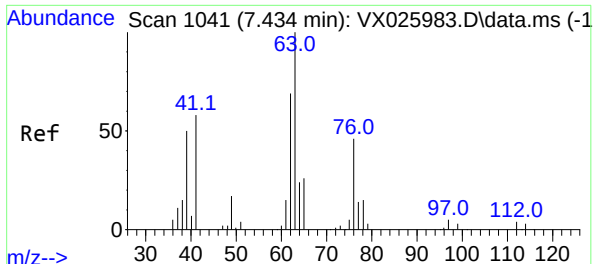


#35
Methylcyclohexane
Concen: 52.308 ug/L
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion: 83 Resp: 171739

Ion	Ratio	Lower	Upper
83	100		
55	79.6	57.3	85.9
98	49.2	41.1	61.7

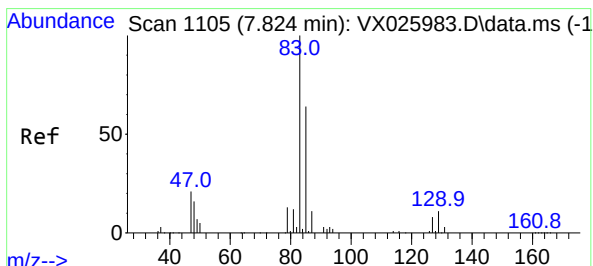
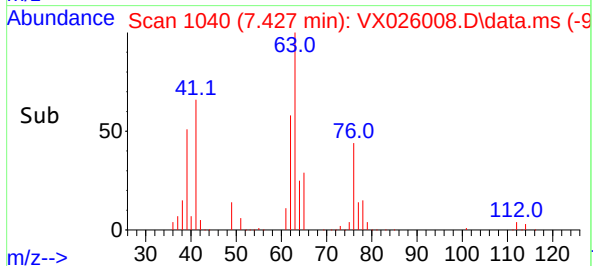
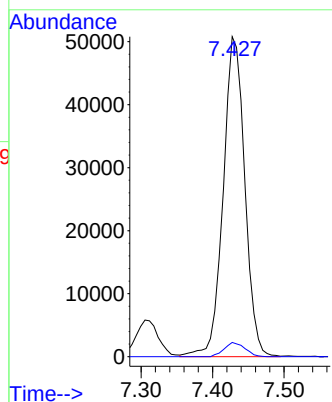
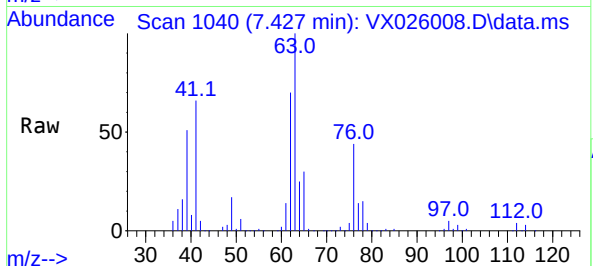




#37
1,2-Dichloropropane
Concen: 51.791 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

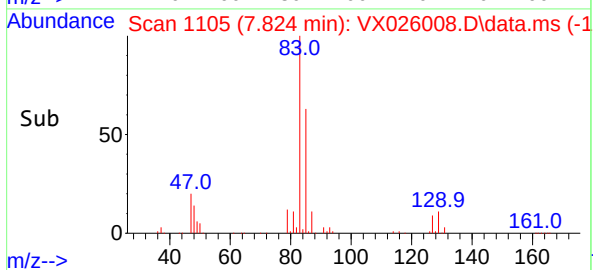
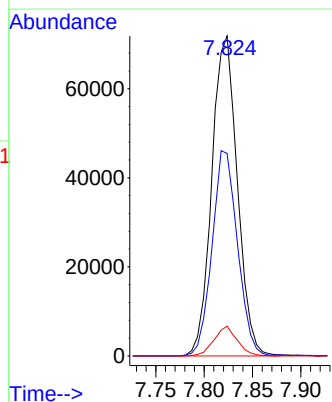
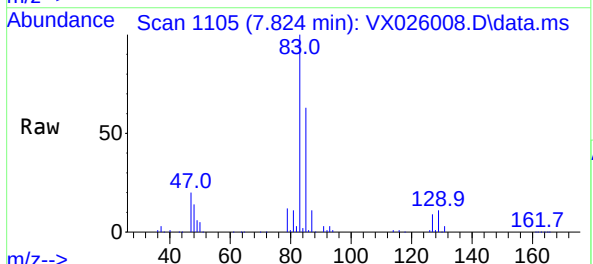
Instrument :
MSVOA_X
ClientSampleId :

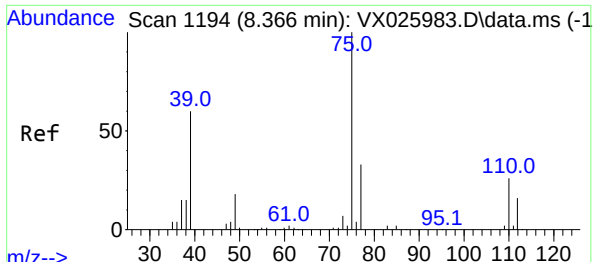
Tgt Ion: 63 Resp: 106605
Ion Ratio Lower Upper
63 100
112 4.3 4.0 6.0



#38
Bromodichloromethane
Concen: 48.968 ug/L
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion: 83 Resp: 132097
Ion Ratio Lower Upper
83 100
85 63.3 45.3 84.1
127 9.3 7.3 10.9

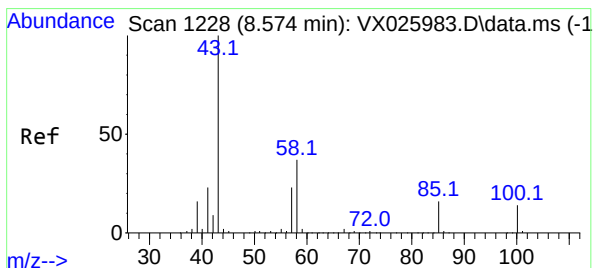
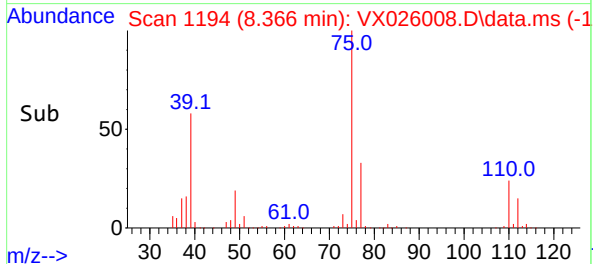
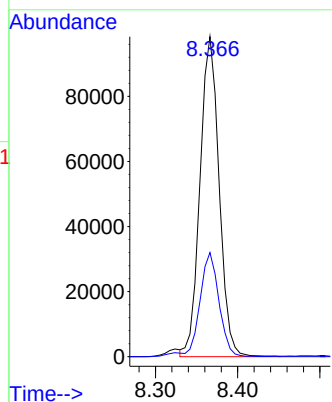
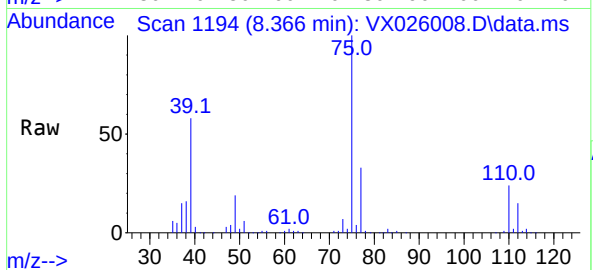




#39
 cis-1,3-Dichloropropene
 Concen: 53.699 ug/L
 RT: 8.366 min Scan# 1194
 Delta R.T. -0.000 min
 Lab File: VX026008.D
 Acq: 24 Dec 2021 10:20

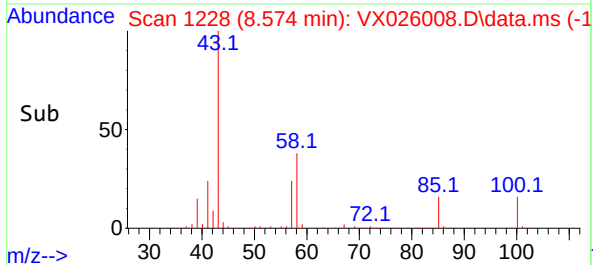
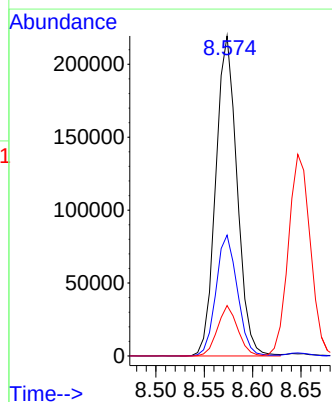
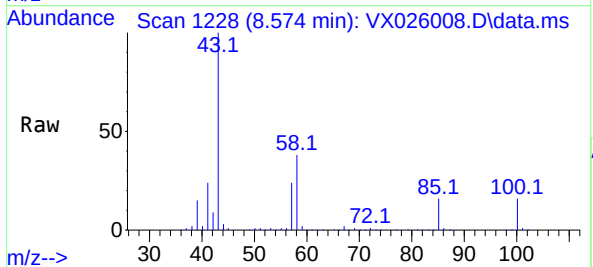
Instrument :
 MSVOA_X
 ClientSampleId :

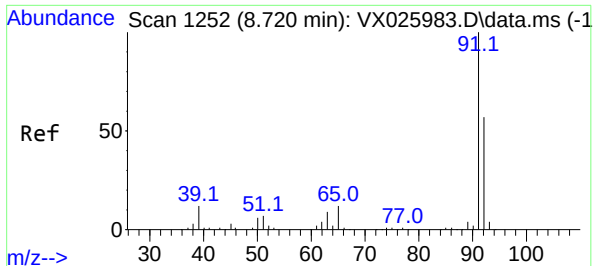
Tgt Ion: 75 Resp: 158833
 Ion Ratio Lower Upper
 75 100
 77 32.6 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 97.190 ug/L
 RT: 8.574 min Scan# 1228
 Delta R.T. -0.000 min
 Lab File: VX026008.D
 Acq: 24 Dec 2021 10:20

Tgt Ion: 43 Resp: 336334
 Ion Ratio Lower Upper
 43 100
 58 37.9 32.2 48.2
 100 14.9 14.2 21.2





#42

Toluene

Concen: 52.377 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

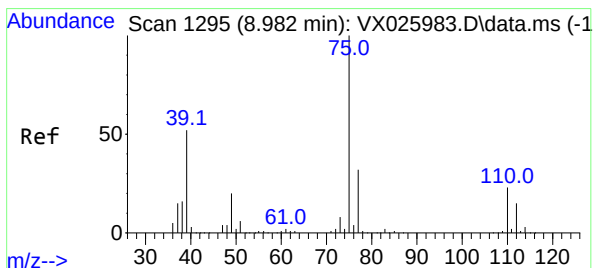
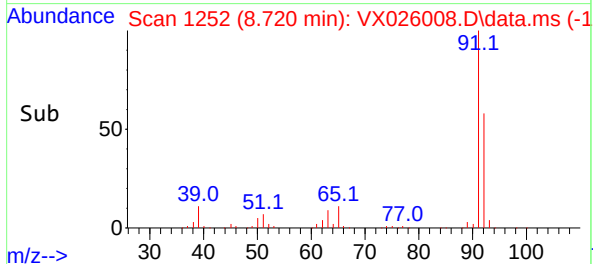
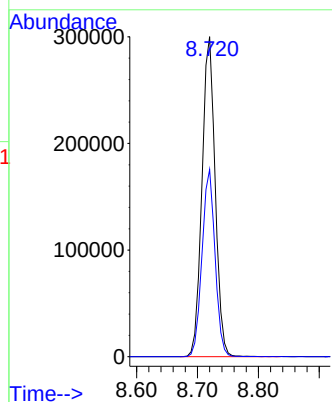
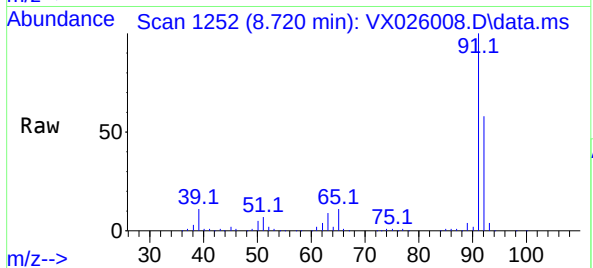
ClientSampleId :

Tgt Ion: 91 Resp: 452335

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 54.683 ug/L

RT: 8.976 min Scan# 1294

Delta R.T. -0.006 min

Lab File: VX026008.D

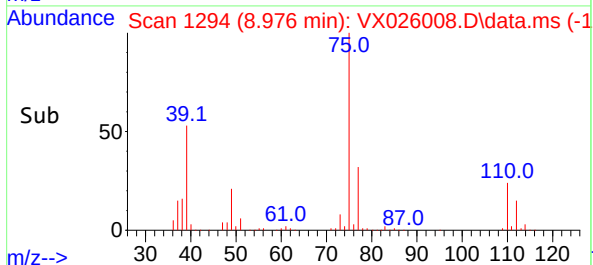
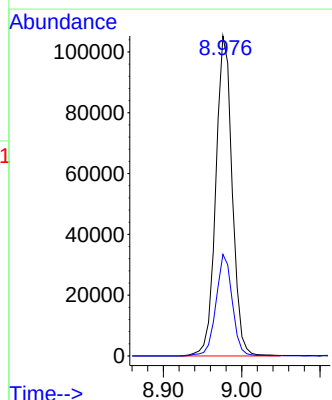
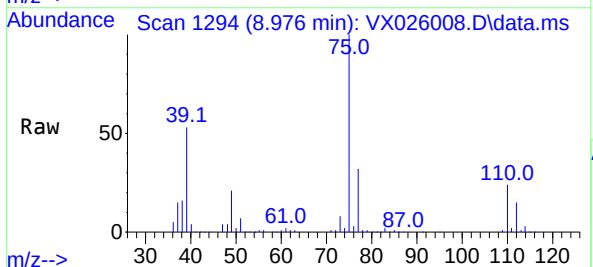
Acq: 24 Dec 2021 10:20

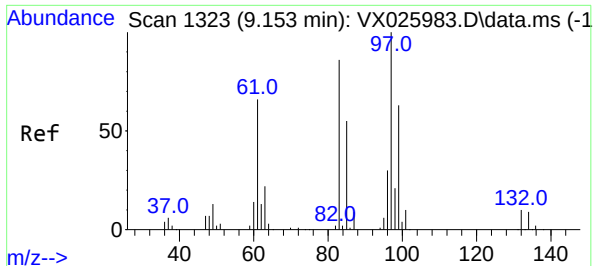
Tgt Ion: 75 Resp: 153491

Ion Ratio Lower Upper

75 100

77 31.7 23.0 42.8



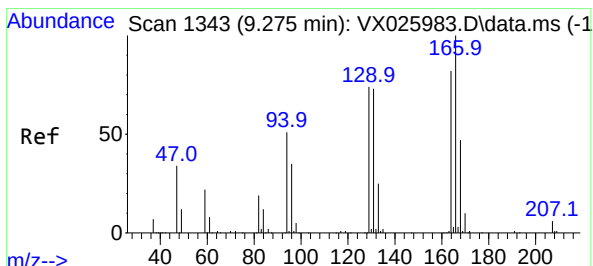
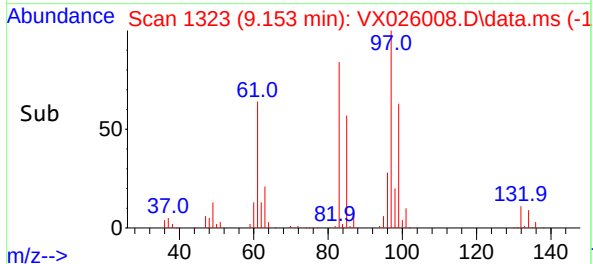
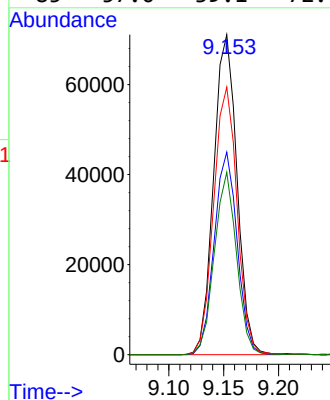
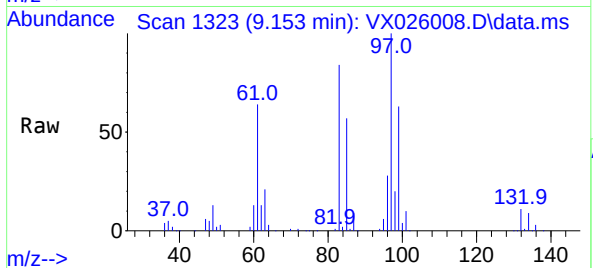


#45
1,1,2-Trichloroethane
Concen: 53.001 ug/L
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 97 Resp: 105377

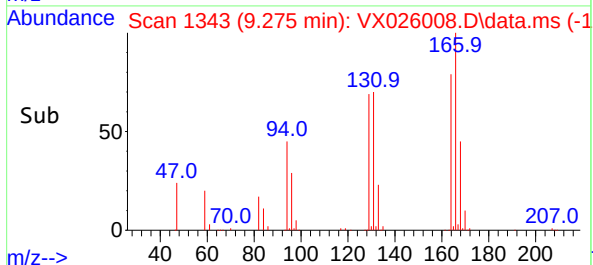
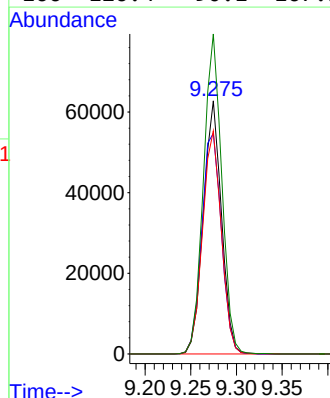
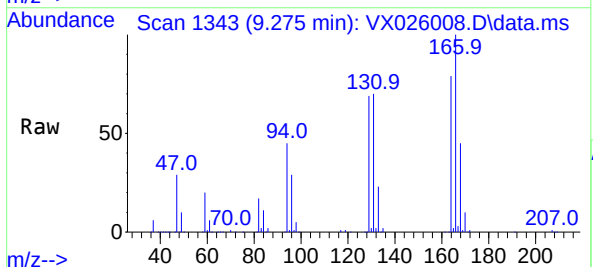
Ion	Ratio	Lower	Upper
97	100		
99	63.3	46.0	85.4
83	83.6	59.6	110.8
85	57.0	39.1	72.7

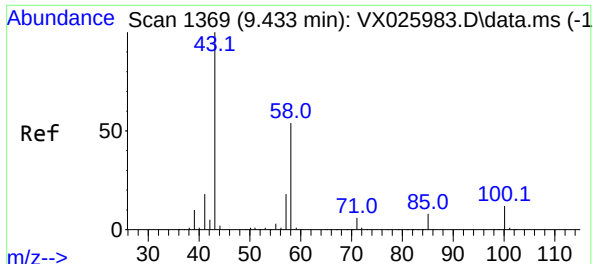


#46
Tetrachloroethene
Concen: 54.691 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion:164 Resp: 86549

Ion	Ratio	Lower	Upper
164	100		
129	87.1	64.7	120.1
131	88.1	63.2	117.4
166	126.4	90.1	167.3





#48

2-Hexanone

Concen: 103.388 ug/L

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 43 Resp: 272127

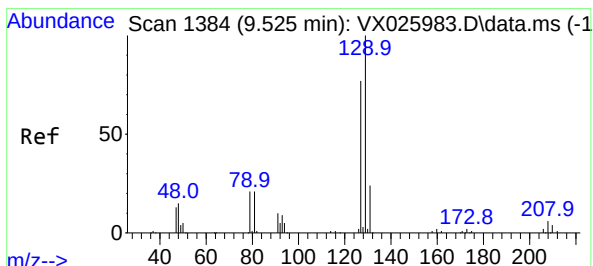
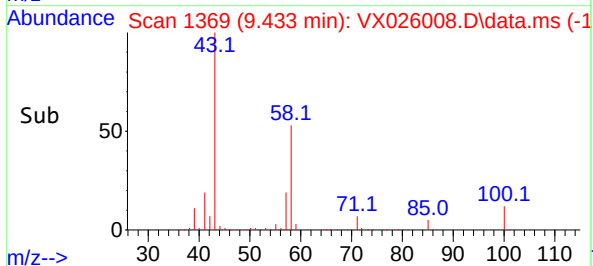
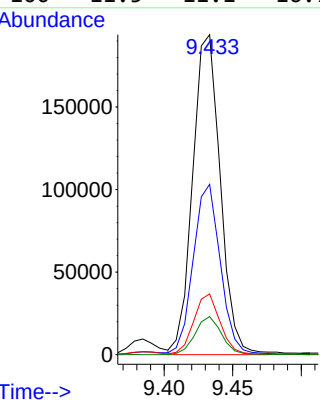
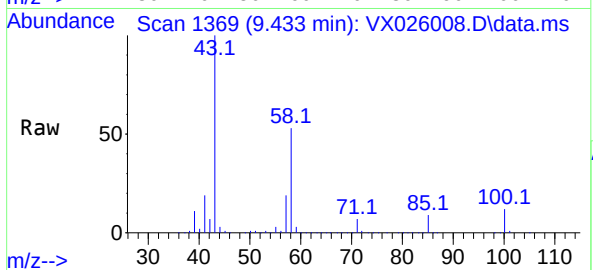
Ion Ratio Lower Upper

43 100

58 52.6 44.2 66.4

57 18.3 15.1 22.7

100 11.5 11.1 16.7



#49

Dibromochloromethane

Concen: 50.059 ug/L

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX026008.D

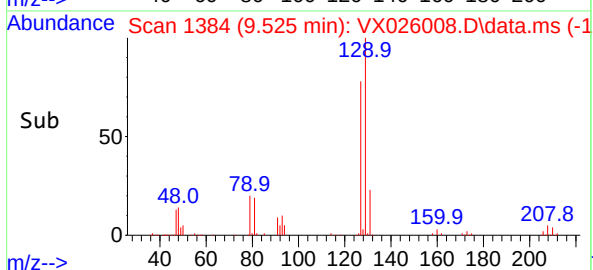
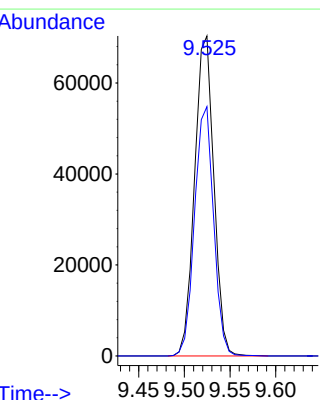
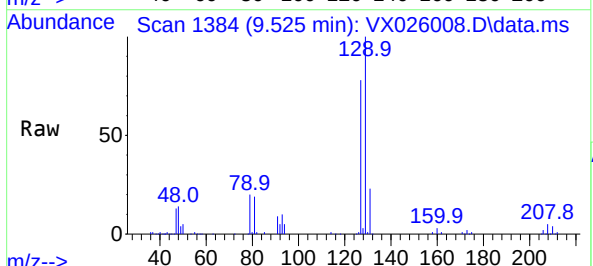
Acq: 24 Dec 2021 10:20

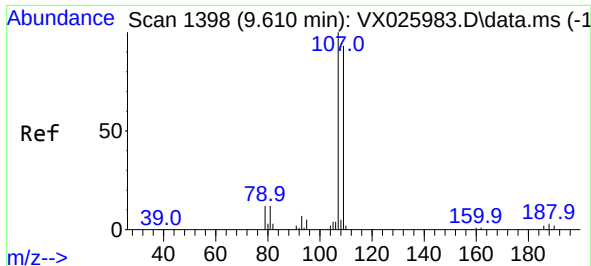
Tgt Ion:129 Resp: 102788

Ion Ratio Lower Upper

129 100

127 77.9 52.4 97.2

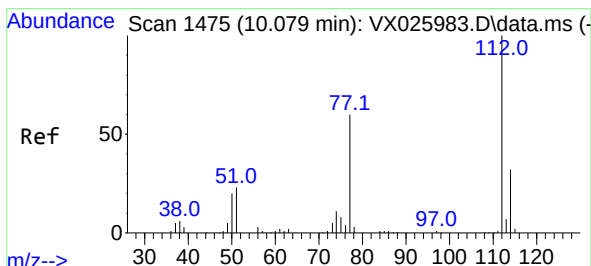
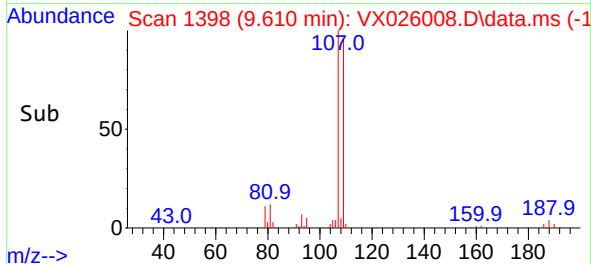
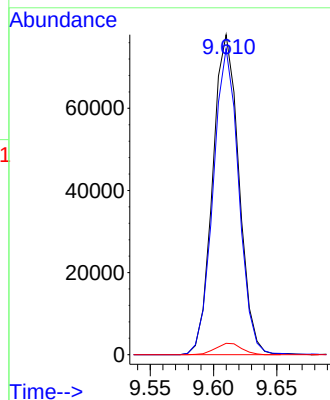
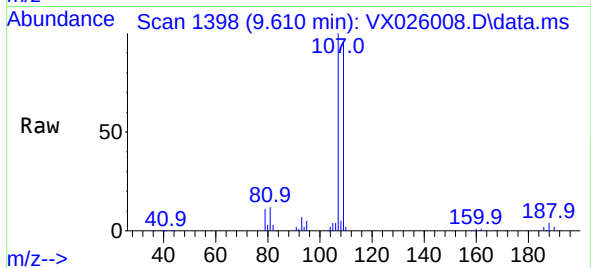




#50
1,2-Dibromoethane
Concen: 52.924 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

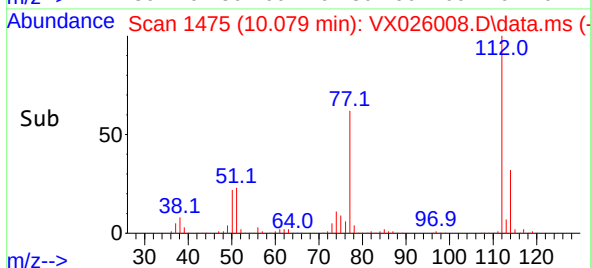
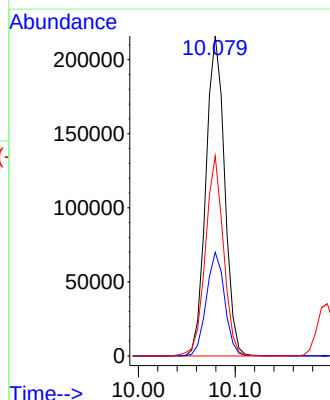
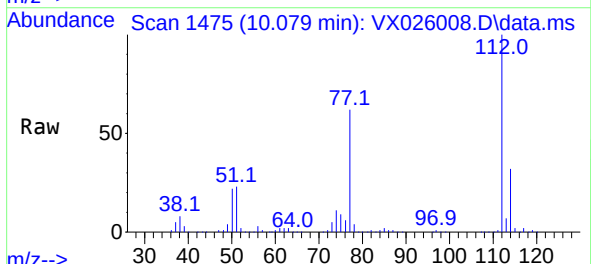
Instrument :
MSVOA_X
ClientSampleId :

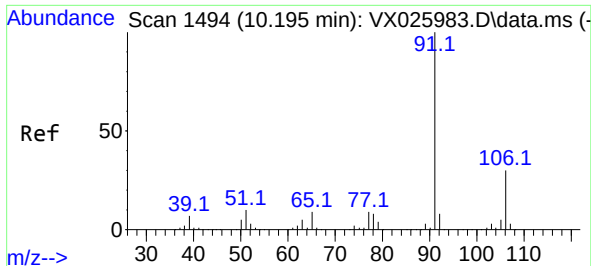
Tgt Ion:107 Resp: 112369
Ion Ratio Lower Upper
107 100
109 95.6 65.3 121.3
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 53.498 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion:112 Resp: 290819
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 62.5 44.5 66.7

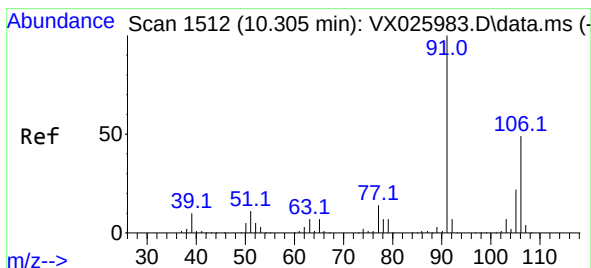
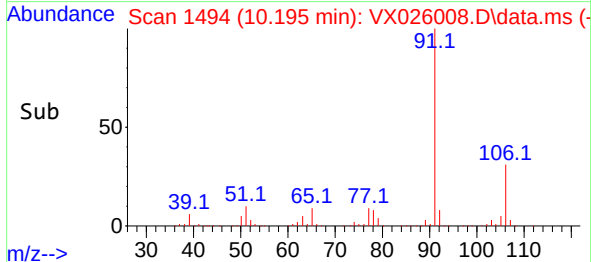
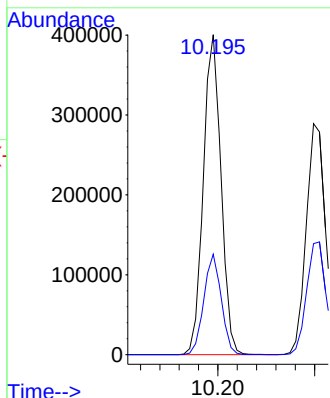
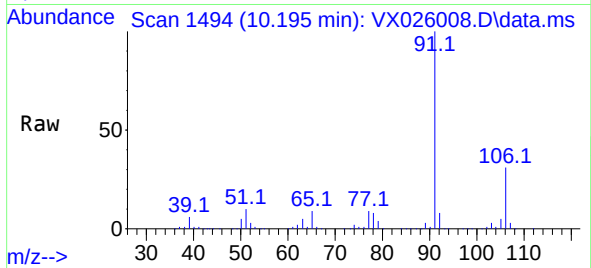




#52
Ethylbenzene
Concen: 54.415 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

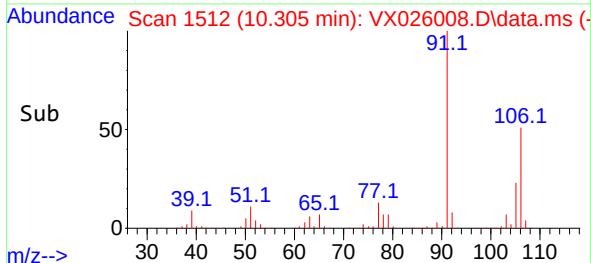
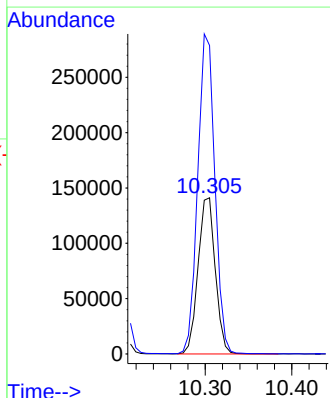
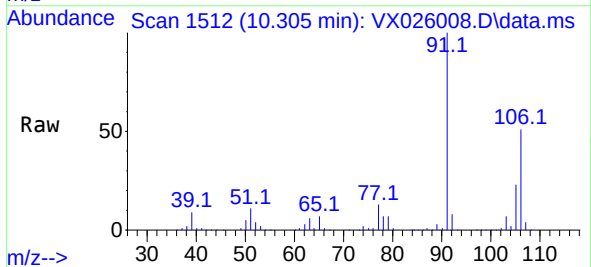
Instrument :
MSVOA_X
ClientSampleId :

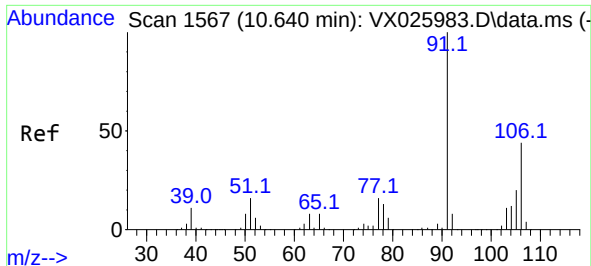
Tgt Ion: 91 Resp: 509677
Ion Ratio Lower Upper
91 100
106 31.4 23.1 42.9



#53
m,p-Xylene
Concen: 54.580 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion: 106 Resp: 195148
Ion Ratio Lower Upper
106 100
91 197.5 136.8 254.2

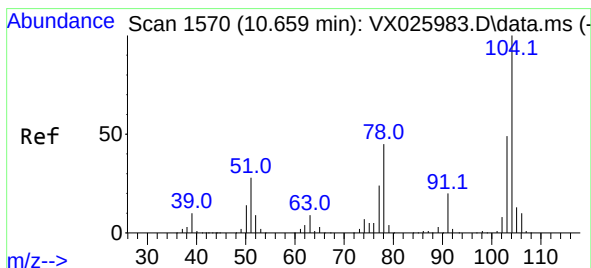
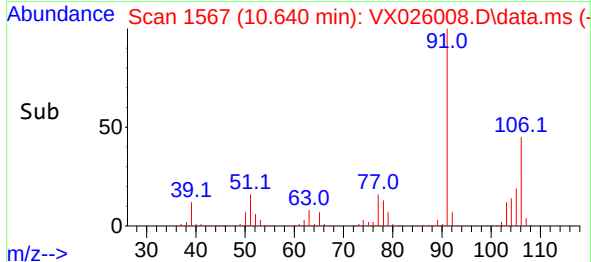
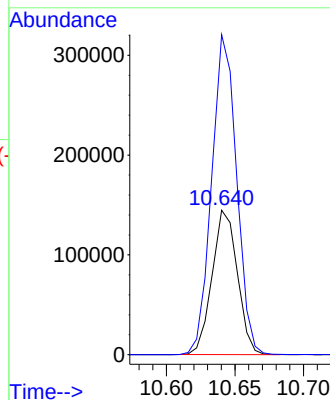
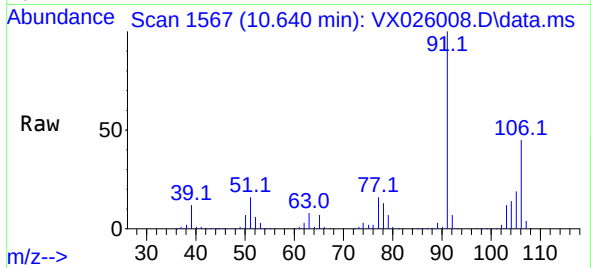




#54
o-Xylene
Concen: 52.372 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

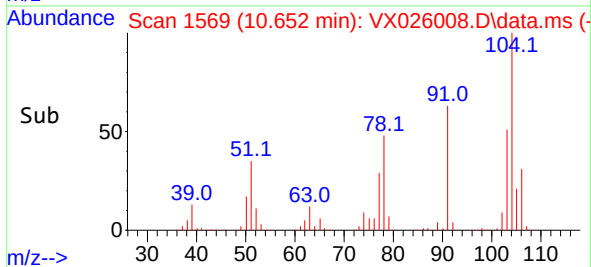
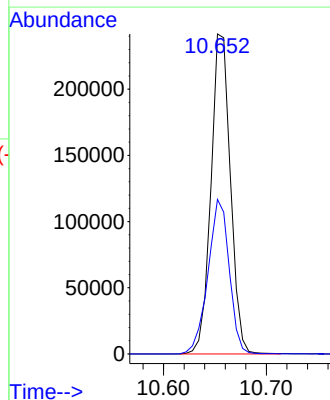
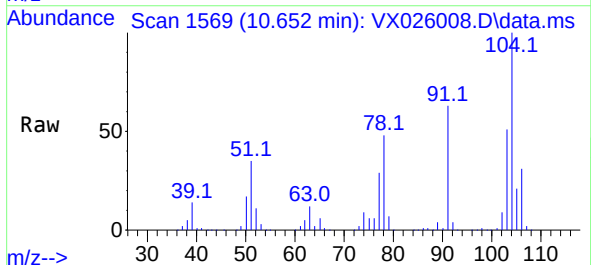
Instrument :
MSVOA_X
ClientSampleId :

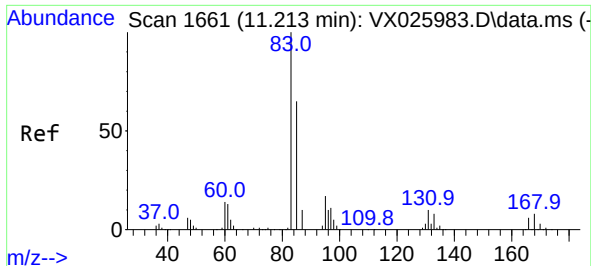
Tgt Ion:106 Resp: 185477
Ion Ratio Lower Upper
106 100
91 221.4 140.5 260.9



#55
Styrene
Concen: 53.204 ug/L
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion:104 Resp: 318089
Ion Ratio Lower Upper
104 100
78 48.3 28.6 53.0

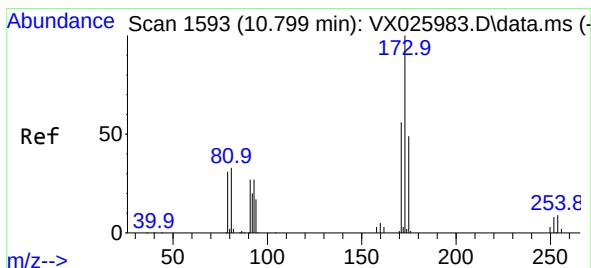
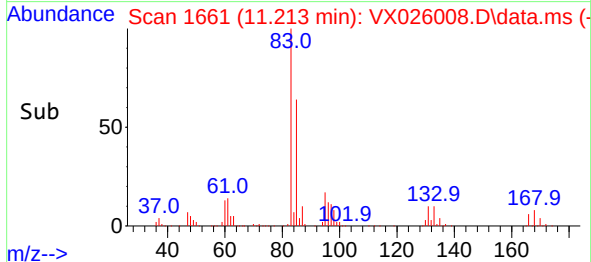
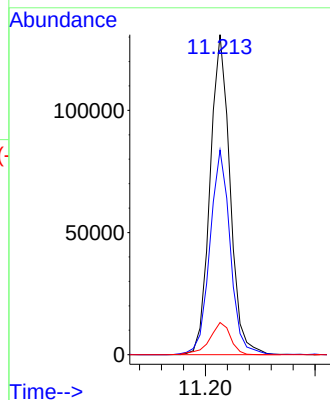
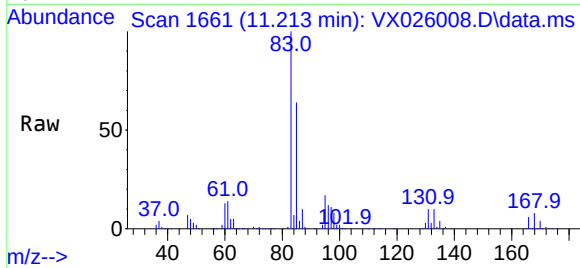




#57
1,1,2,2-Tetrachloroethane
Concen: 49.405 ug/L
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

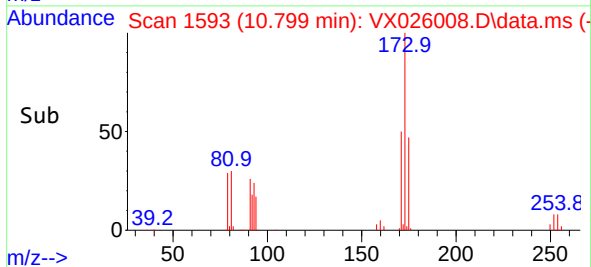
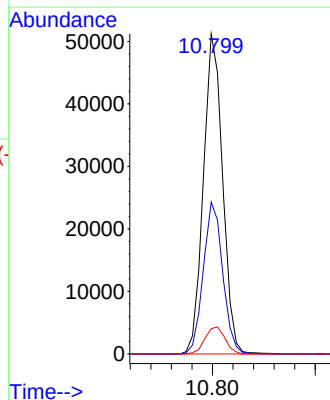
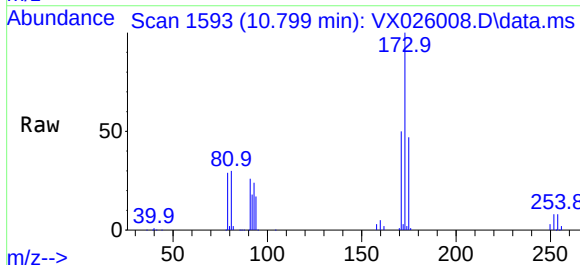
Instrument :
MSVOA_X
ClientSampleId :

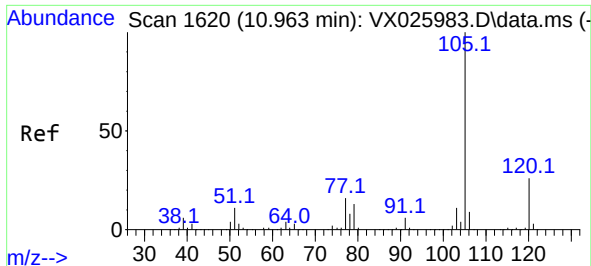
Tgt Ion: 83 Resp: 165066
Ion Ratio Lower Upper
83 100
85 64.0 47.0 87.2
131 10.0 8.5 12.7



#59
Bromoform
Concen: 47.734 ug/L
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

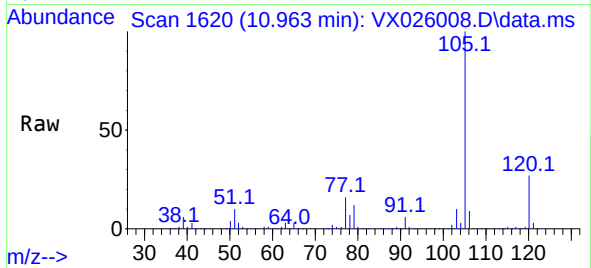
Tgt Ion: 173 Resp: 66638
Ion Ratio Lower Upper
173 100
175 47.9 38.6 58.0
254 8.8 7.7 11.5



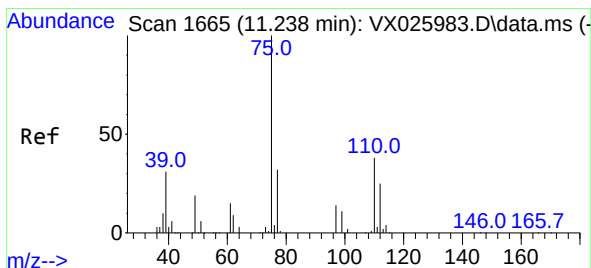
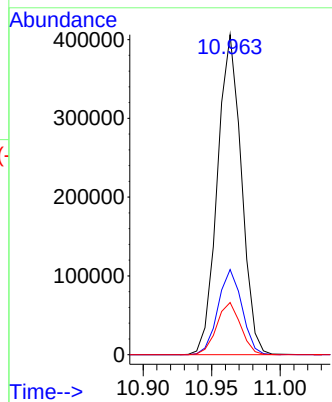
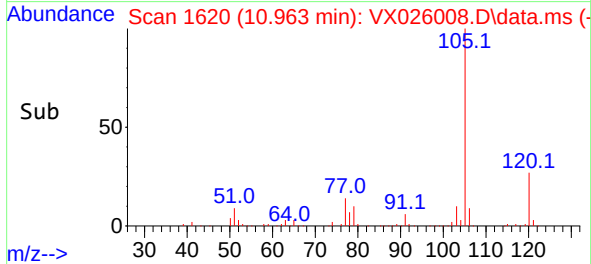


#60
Isopropylbenzene
Concen: 53.242 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

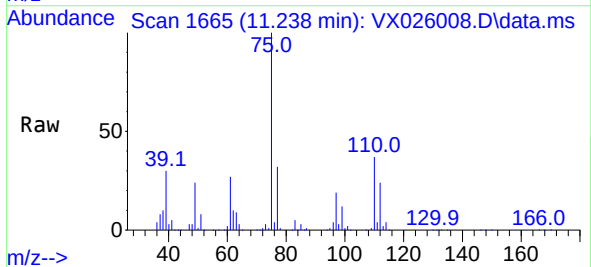
Instrument :
MSVOA_X
ClientSampleId :



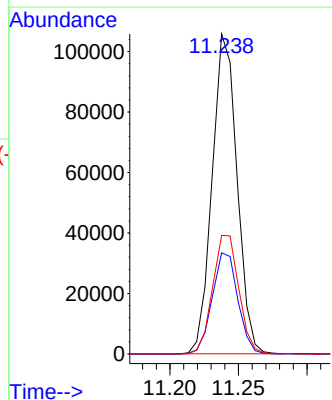
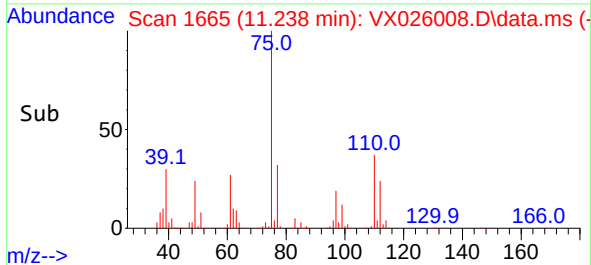
Tgt Ion:105 Resp: 494458
Ion Ratio Lower Upper
105 100
120 26.5 22.3 33.5
77 16.2 11.5 17.3

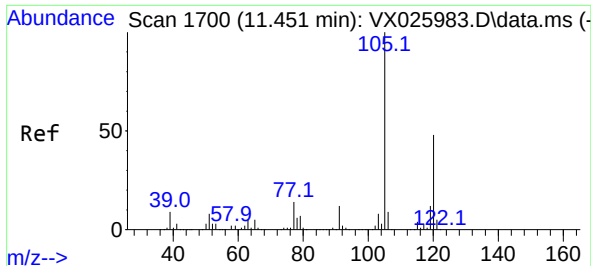


#61
1,2,3-Trichloropropane
Concen: 49.380 ug/L
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20



Tgt Ion: 75 Resp: 133369
Ion Ratio Lower Upper
75 100
77 32.7 25.8 38.8
110 39.1 34.7 52.1

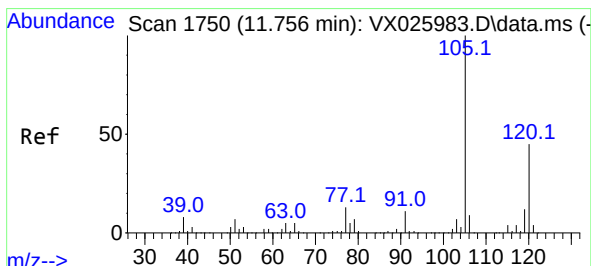
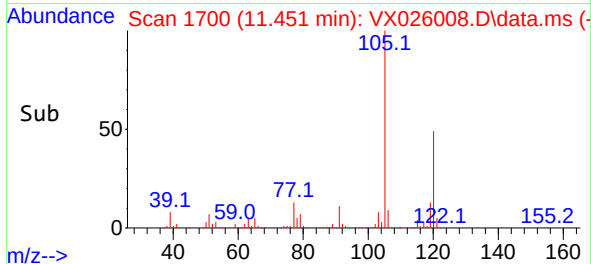
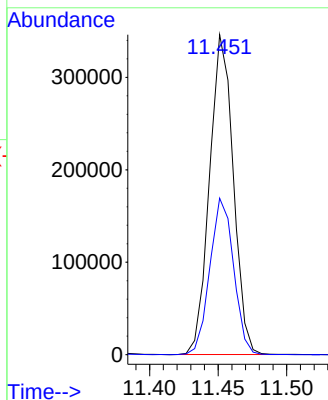
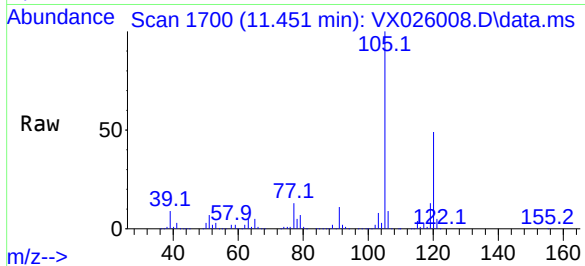




#62
1,3,5-Trimethylbenzene
Concen: 53.720 ug/L
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

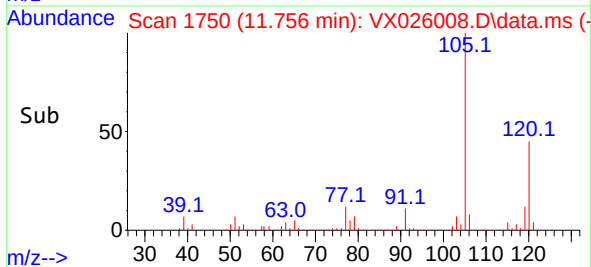
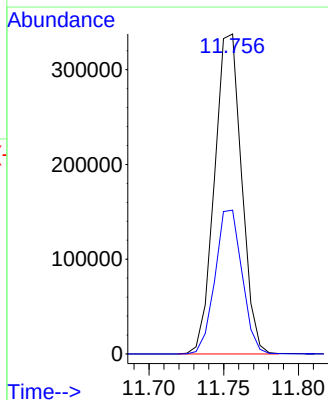
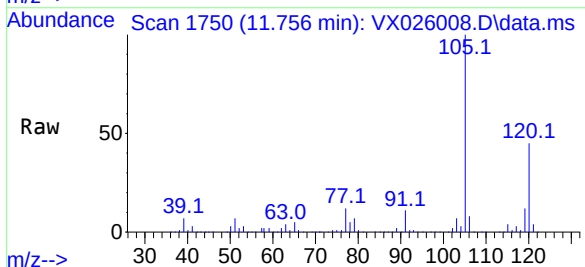
Instrument :
MSVOA_X
ClientSampleId :

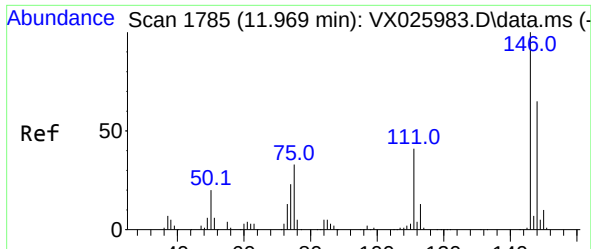
Tgt Ion:105 Resp: 417716
Ion Ratio Lower Upper
105 100
120 48.9 41.0 61.4



#63
1,2,4-Trimethylbenzene
Concen: 54.706 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion:105 Resp: 426150
Ion Ratio Lower Upper
105 100
120 44.6 0.1 0.1#

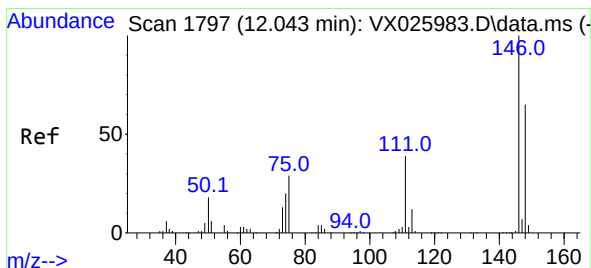
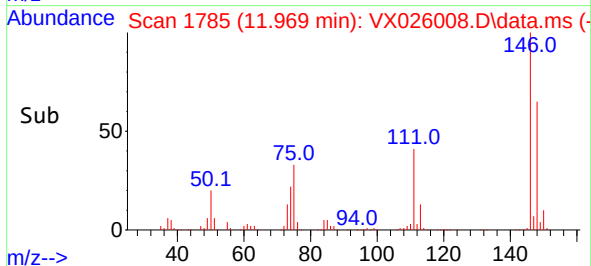
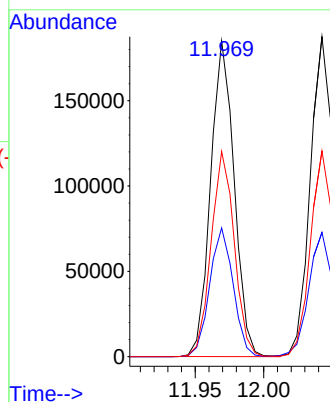
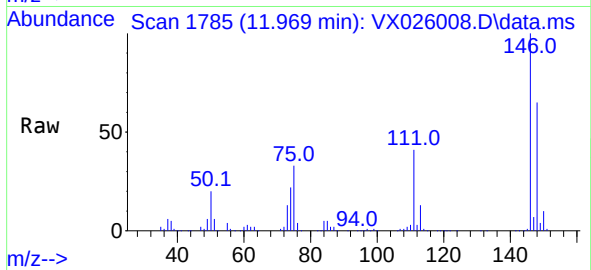




#64
1,3-Dichlorobenzene
Concen: 53.345 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

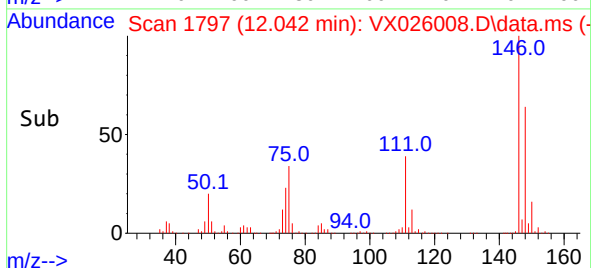
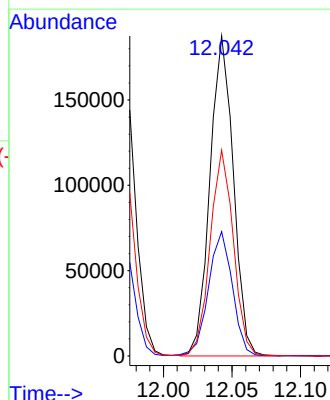
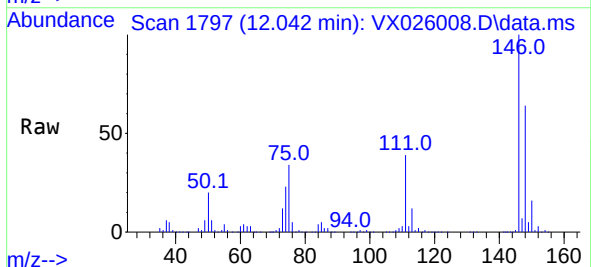
Instrument :
MSVOA_X
ClientSampleId :

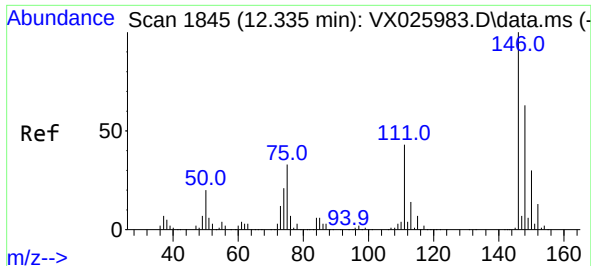
Tgt Ion:146 Resp: 221044
Ion Ratio Lower Upper
146 100
111 40.8 27.6 51.2
148 65.0 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 53.332 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion:146 Resp: 222497
Ion Ratio Lower Upper
146 100
111 38.9 26.5 49.3
148 64.3 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 53.155 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

ClientSampleId :

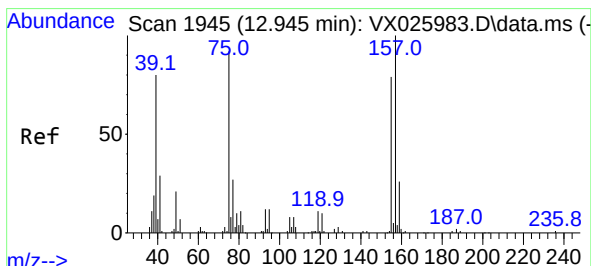
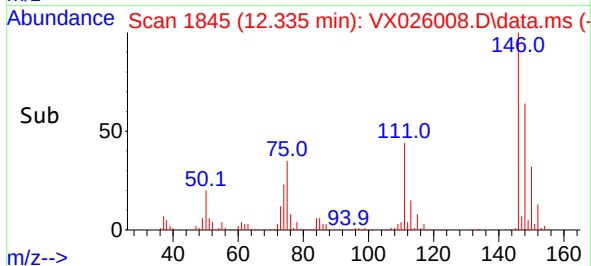
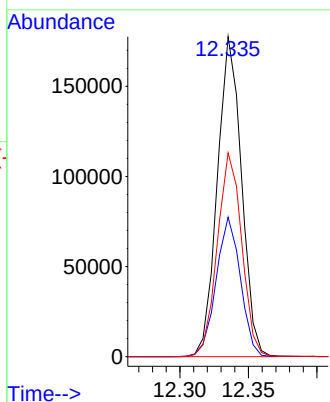
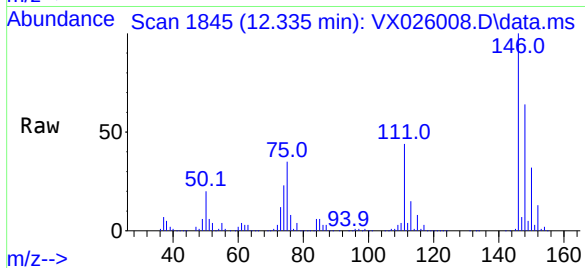
Tgt Ion:146 Resp: 217778

Ion Ratio Lower Upper

146 100

111 43.6 32.3 48.5

148 63.7 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 47.938 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

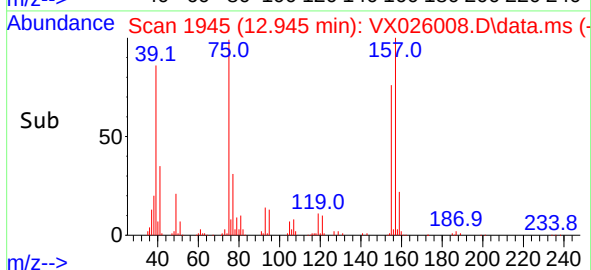
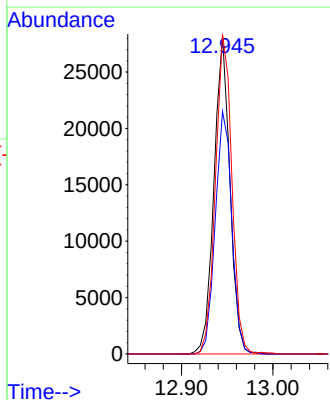
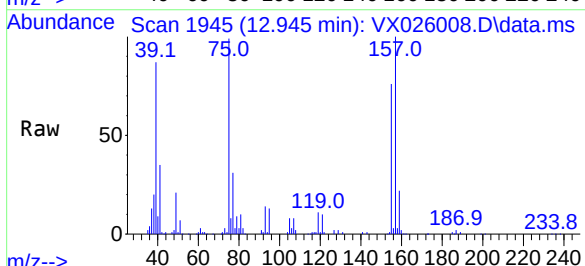
Tgt Ion: 75 Resp: 34111

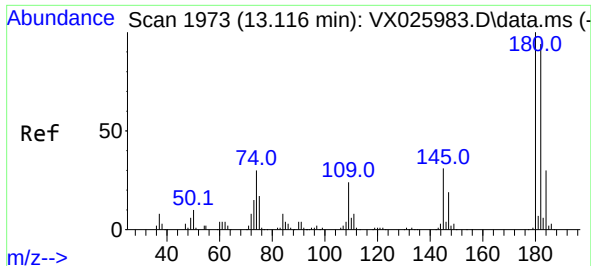
Ion Ratio Lower Upper

75 100

155 76.3 79.4 119.2#

157 100.6 100.4 150.6





#69

1,3,5-Trichlorobenzene

Concen: 55.184 ug/L

RT: 13.115 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180 Resp: 153508

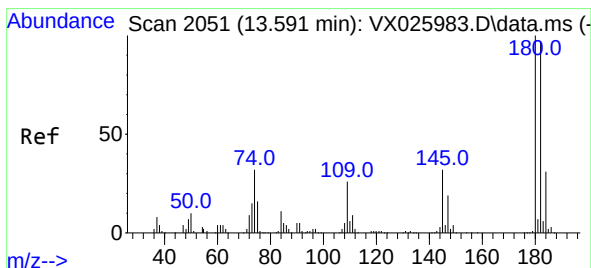
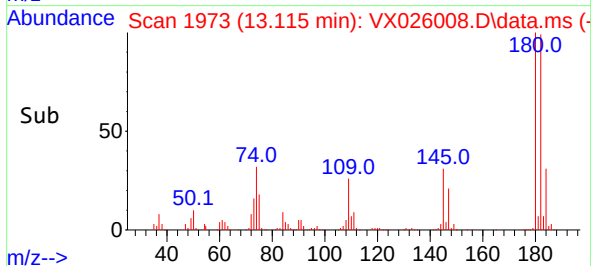
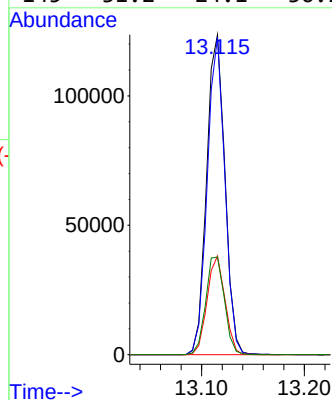
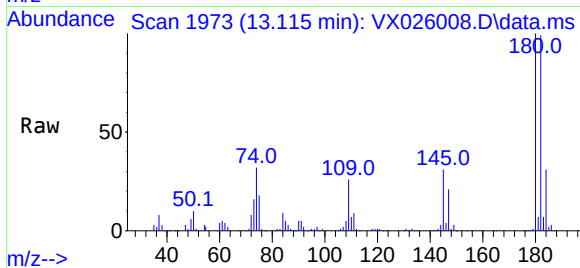
Ion Ratio Lower Upper

180 100

182 95.0 75.3 112.9

184 30.1 24.6 37.0

145 31.2 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 56.558 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX026008.D

Acq: 24 Dec 2021 10:20

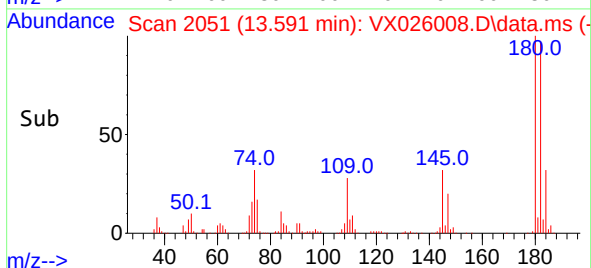
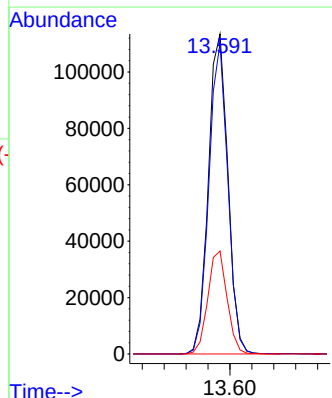
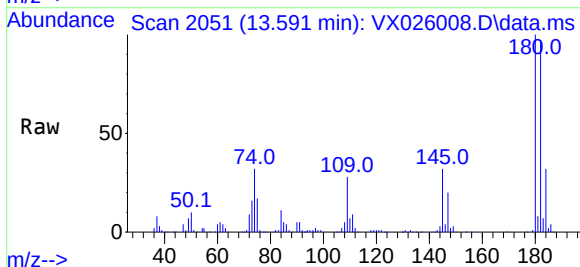
Tgt Ion:180 Resp: 140110

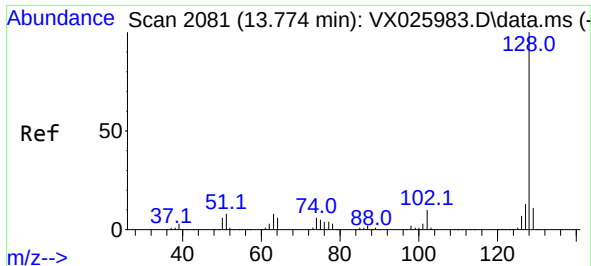
Ion Ratio Lower Upper

180 100

182 94.2 78.2 117.4

145 31.8 24.7 37.1

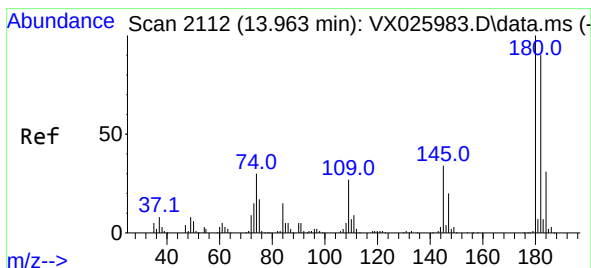
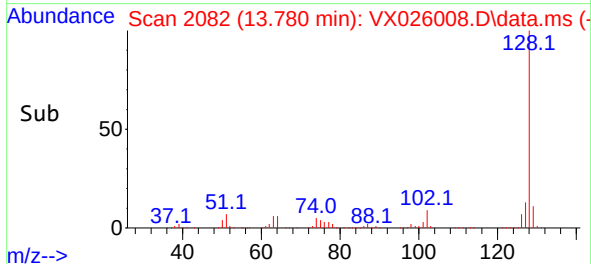
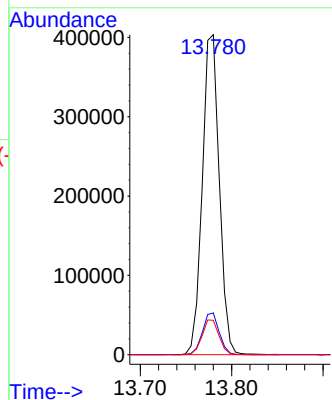
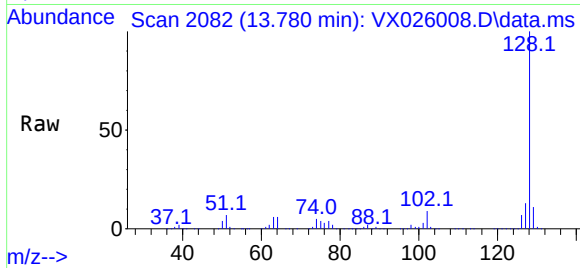




#71
Naphthalene
Concen: 55.480 ug/L
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:128 Resp: 519568
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.636 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX026008.D
Acq: 24 Dec 2021 10:20

Tgt Ion:180 Resp: 139775
Ion Ratio Lower Upper
180 100
182 94.5 75.2 112.8
145 34.1 25.8 38.6

