

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122721\
 Data File : VX026093.D
 Acq On : 28 Dec 2021 04:04
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 28 04:43:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 28 02:17:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	189392	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	173997	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	88361	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	79490	59.186	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	118.380%	
7) Chloroethane-d5	1.672	69	62803	58.513	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	117.020%	
11) 1,1-Dichloroethene-d2	2.313	63	157042	59.006	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	118.020%	
21) 2-Butanone-d5	4.458	46	133431	114.591	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	114.590%	
24) Chloroform-d	5.068	84	157388	58.559	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	117.120%	
26) 1,2-Dichloroethane-d4	5.958	65	99558	54.710	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.420%	
32) Benzene-d6	5.983	84	294123	58.728	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	117.460%	
36) 1,2-Dichloropropane-d6	7.312	67	95469	61.324	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	122.640%#	
41) Toluene-d8	8.653	98	261724	55.970	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	111.940%	
43) trans-1,3-Dichloroprop...	8.952	79	45409	67.043	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	134.080%#	
47) 2-Hexanone-d5	9.384	63	95414	118.755	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	118.750%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	127155	55.393	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	110.780%	
66) 1,2-Dichlorobenzene-d4	12.323	152	95198	57.014	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	114.020%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	106285	56.149	ug/L	100
3) Chloromethane	1.294	50	95826	54.538	ug/L	99
5) Vinyl chloride	1.380	62	97832	56.100	ug/L	100
6) Bromomethane	1.618	94	52169	52.388	ug/L	99
8) Chloroethane	1.691	64	57322	54.438	ug/L	100
9) Trichlorofluoromethane	1.892	101	150580	57.061	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.337	101	77498	56.952	ug/L	95
12) 1,1-Dichloroethene	2.325	96	72710	57.129	ug/L	79
13) Acetone	2.386	43	81846	128.571	ug/L	94
14) Carbon disulfide	2.520	76	207146	58.929	ug/L	100
15) Methyl Acetate	2.709	43	95803	54.606	ug/L #	90
16) Methylene chloride	2.794	84	80913	54.680	ug/L	91
17) trans-1,2-Dichloroethene	3.099	96	75321	55.576	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	263902	59.941	ug/L	96
19) 1,1-Dichloroethane	3.617	63	146018	57.127	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	86958	57.491	ug/L	89
22) 2-Butanone	4.562	43	137863	116.313	ug/L	90
23) Bromochloromethane	4.910	128	43061	57.067	ug/L #	85
25) Chloroform	5.099	83	149345	56.002	ug/L	99

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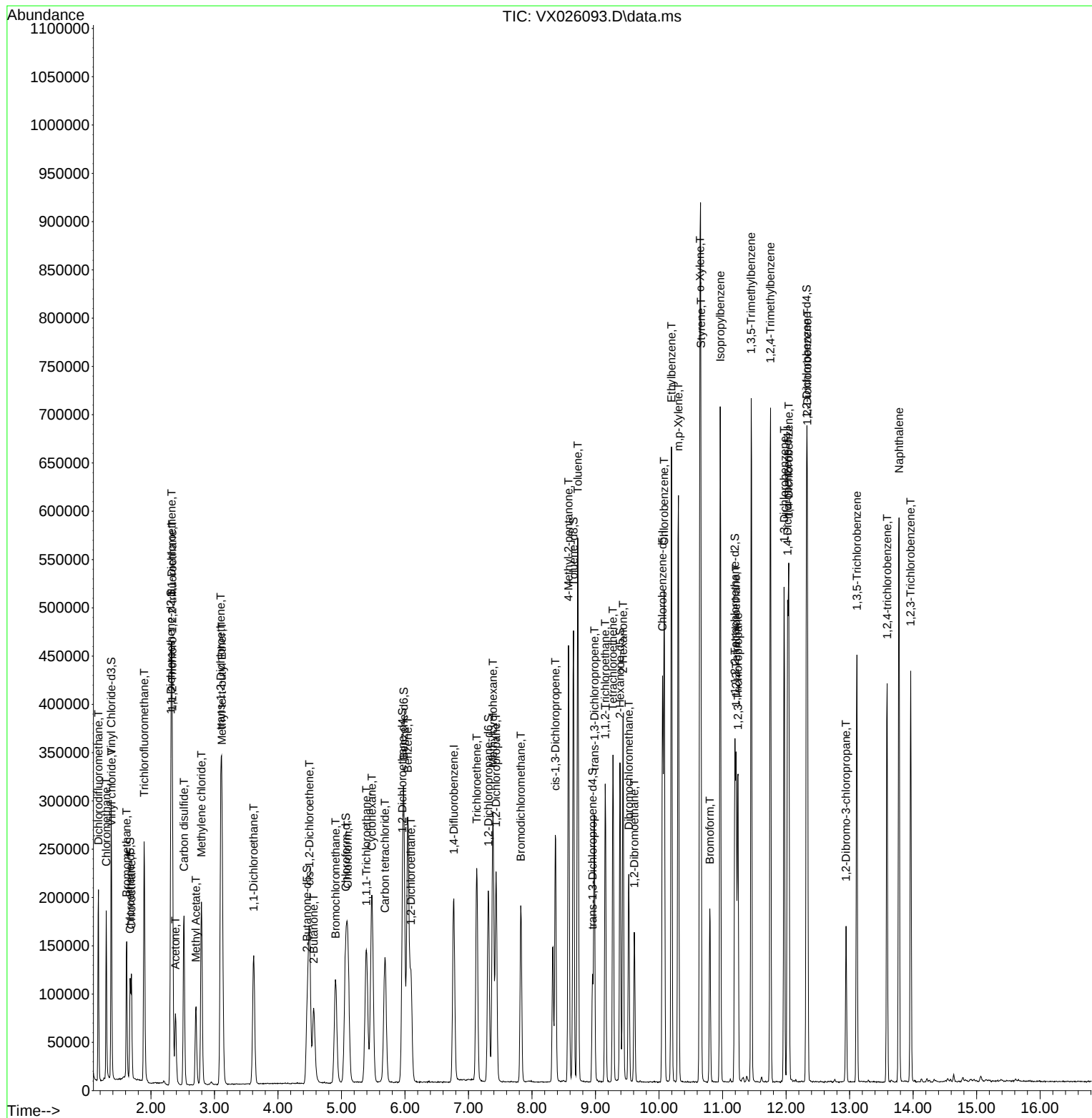
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	118945	54.073	ug/L	97
29) Cyclohexane	5.477	56	132267	57.876	ug/L	93
30) 1,1,1-Trichloroethane	5.391	97	134248	63.364	ug/L	97
31) Carbon tetrachloride	5.684	117	114828	62.536	ug/L	99
33) Benzene	6.044	78	315629	57.126	ug/L	100
34) Trichloroethene	7.129	95	81786	57.869	ug/L	91
35) Methylcyclohexane	7.385	83	125603	56.149	ug/L	95
37) 1,2-Dichloropropane	7.434	63	82582	58.885	ug/L	98
38) Bromodichloromethane	7.824	83	113635	61.827	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	127941	63.486	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	266632	113.086	ug/L	95
42) Toluene	8.720	91	345753	58.762	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	120857	63.195	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	76797	56.693	ug/L	97
46) Tetrachloroethene	9.275	164	59983	55.633	ug/L	95
48) 2-Hexanone	9.433	43	201223	112.208	ug/L	95
49) Dibromochloromethane	9.525	129	88166	63.021	ug/L	95
50) 1,2-Dibromoethane	9.610	107	82191	56.817	ug/L	99
51) Chlorobenzene	10.079	112	204083	55.102	ug/L	96
52) Ethylbenzene	10.195	91	356181	55.814	ug/L	96
53) m,p-Xylene	10.305	106	136696	56.114	ug/L	93
54) o-Xylene	10.646	106	133237	55.217	ug/L	89
55) Styrene	10.659	104	226474	55.598	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	121740	53.480	ug/L	97
59) Bromoform	10.799	173	61266	67.136	ug/L	100
60) Isopropylbenzene	10.963	105	346613	57.095	ug/L	96
61) 1,2,3-Trichloropropane	11.244	75	97697	55.336	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	293119	57.667	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	295377	58.007	ug/L #	81
64) 1,3-Dichlorobenzene	11.969	146	149437	55.169	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	149282	54.739	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	147799	55.186	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	28572	61.426	ug/L	80
69) 1,3,5-Trichlorobenzene	13.115	180	101898	56.037	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	90619	55.960	ug/L	97
71) Naphthalene	13.780	128	359055	58.652	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	93124	55.685	ug/L	98

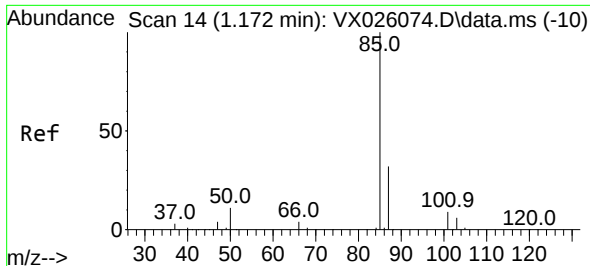
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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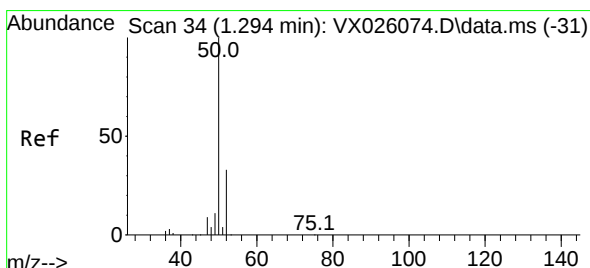
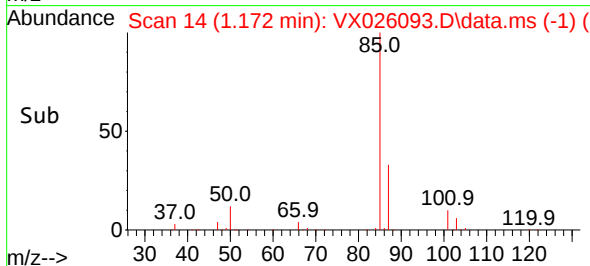
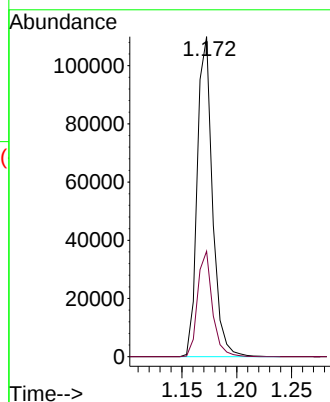
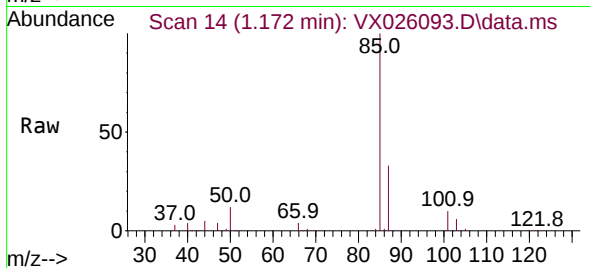




#2
 Dichlorodifluoromethane
 Concen: 56.149 ug/L
 RT: 1.172 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX026093.D
 Acq: 28 Dec 2021 04:04

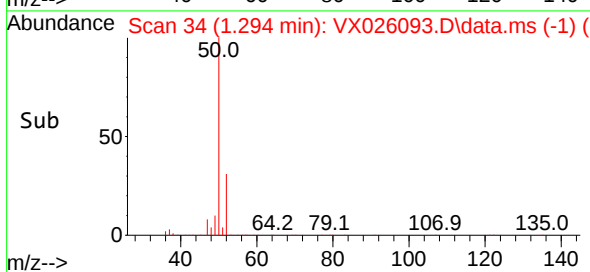
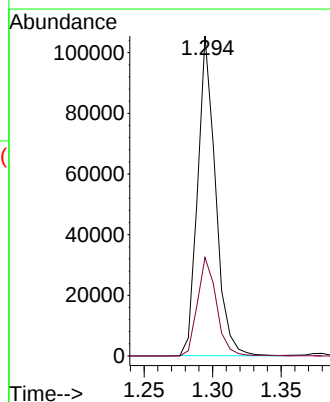
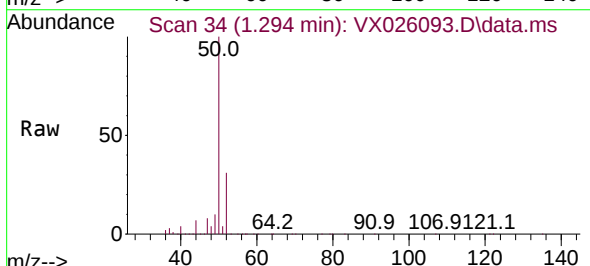
Instrument :
 MSVOA_X
 ClientSampleId :

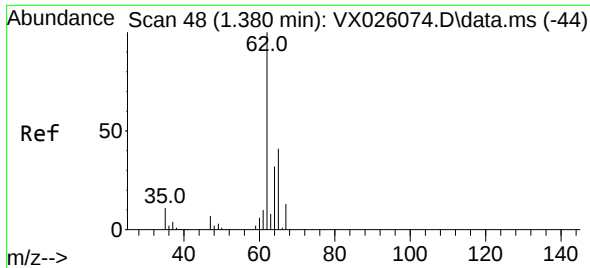
Tgt Ion: 85 Resp: 106285
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.8 38.6



#3
 Chloromethane
 Concen: 54.538 ug/L
 RT: 1.294 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VX026093.D
 Acq: 28 Dec 2021 04:04

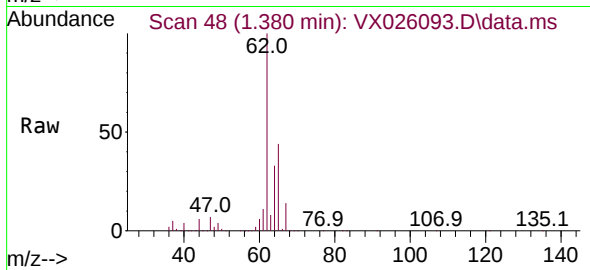
Tgt Ion: 50 Resp: 95826
 Ion Ratio Lower Upper
 50 100
 52 30.8 22.0 40.8



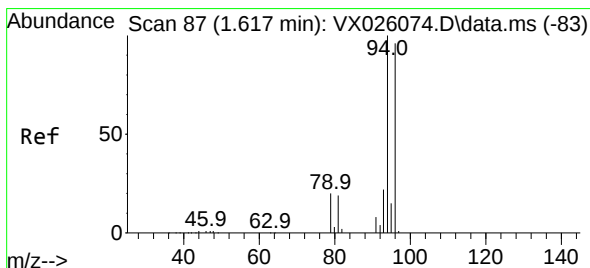
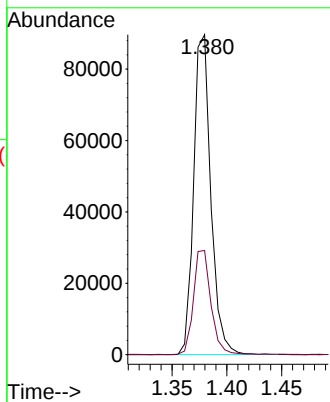
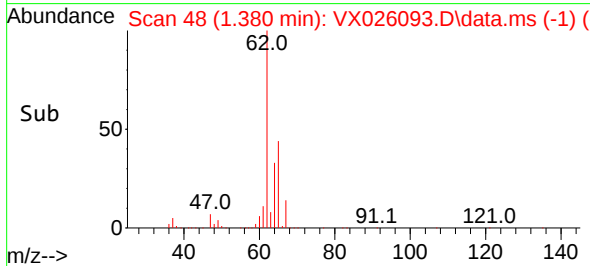


#5
 Vinyl chloride
 Concen: 56.100 ug/L
 RT: 1.380 min Scan# 48
 Delta R.T. 0.000 min
 Lab File: VX026093.D
 Acq: 28 Dec 2021 04:04

Instrument :
 MSVOA_X
 ClientSampleId :

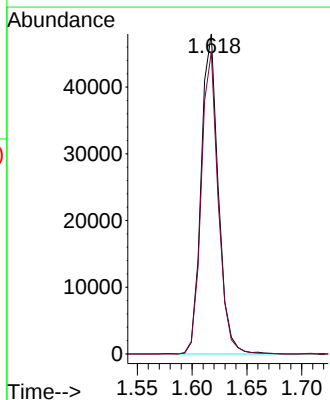
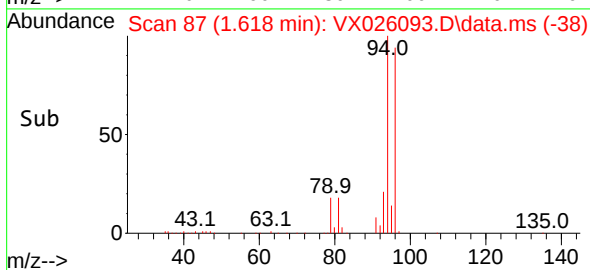
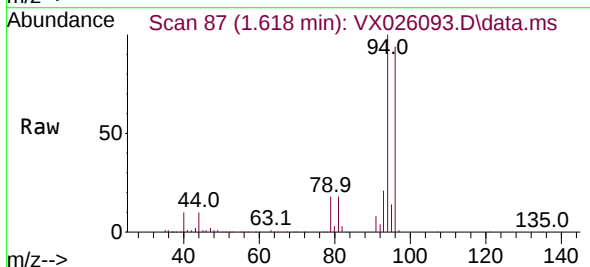


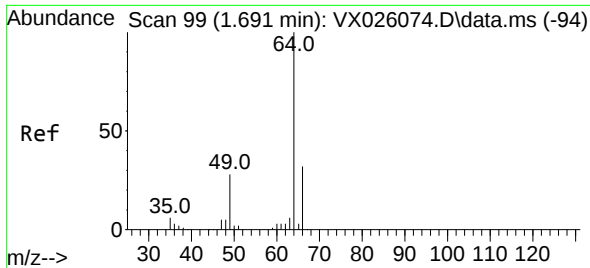
Tgt Ion: 62 Resp: 97832
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.9 42.5



#6
 Bromomethane
 Concen: 52.388 ug/L
 RT: 1.618 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VX026093.D
 Acq: 28 Dec 2021 04:04

Tgt Ion: 94 Resp: 52169
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.7 123.9

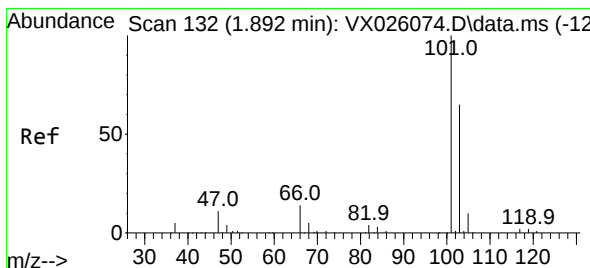
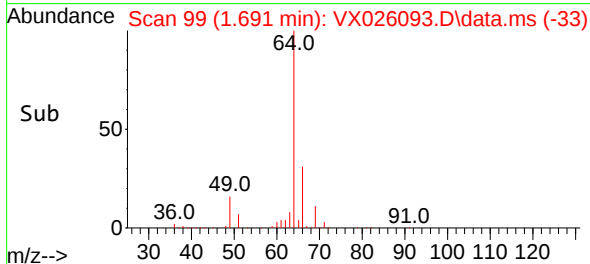
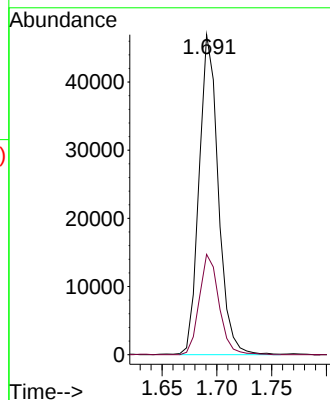
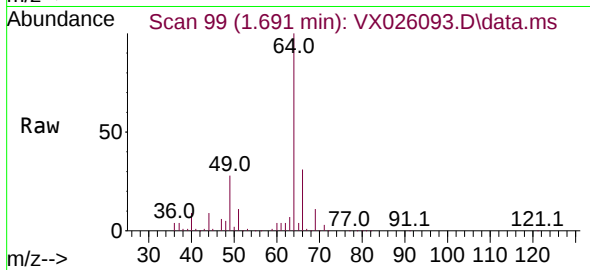




#8
Chloroethane
Concen: 54.438 ug/L
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

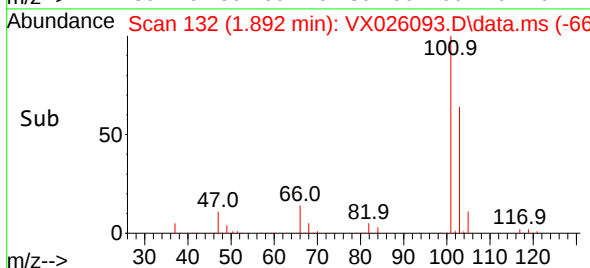
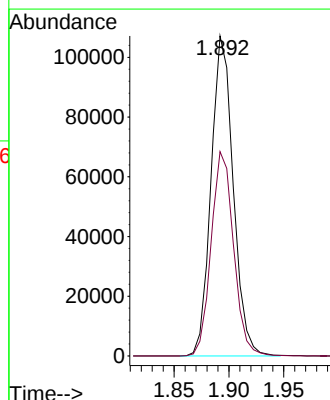
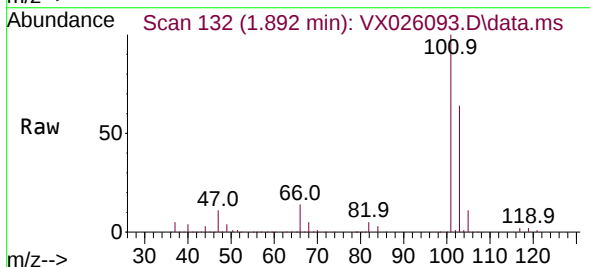
Instrument :
MSVOA_X
ClientSampleId :

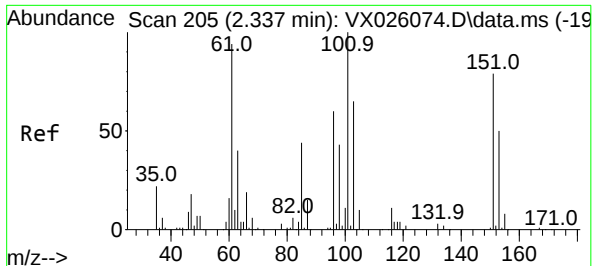
Tgt Ion: 64 Resp: 57322
Ion Ratio Lower Upper
64 100
66 31.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 57.061 ug/L
RT: 1.892 min Scan# 132
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion: 101 Resp: 150580
Ion Ratio Lower Upper
101 100
103 64.6 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 56.952 ug/L

RT: 2.337 min Scan# 205

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :

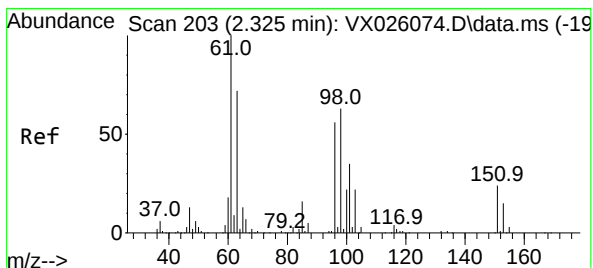
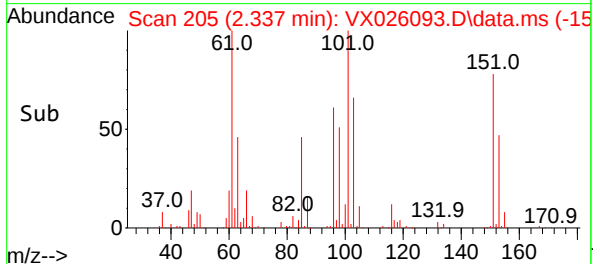
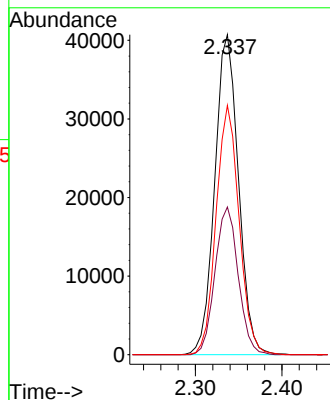
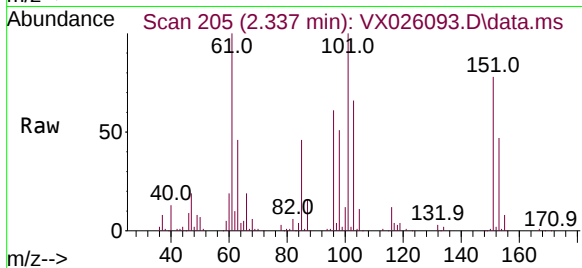
Tgt Ion:101 Resp: 77498

Ion Ratio Lower Upper

101 100

85 45.1 34.3 51.5

151 75.7 65.2 97.8



#12

1,1-Dichloroethene

Concen: 57.129 ug/L

RT: 2.325 min Scan# 203

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

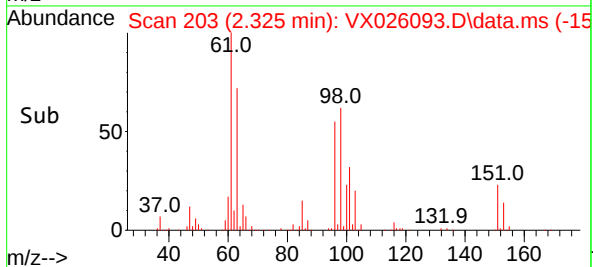
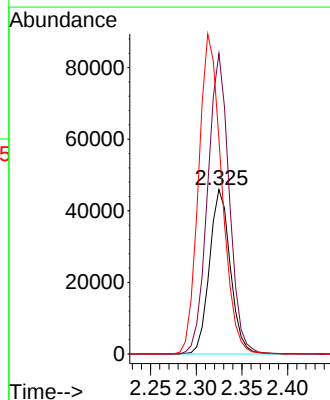
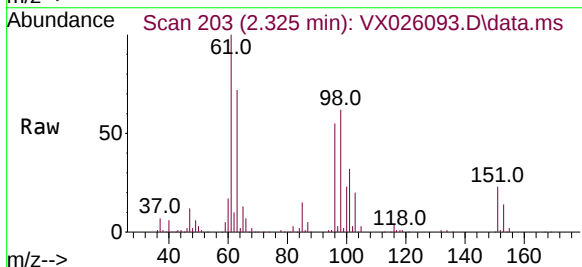
Tgt Ion: 96 Resp: 72710

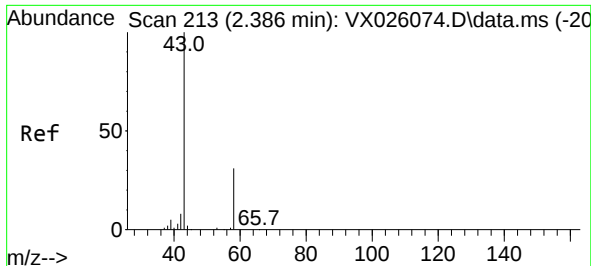
Ion Ratio Lower Upper

96 100

61 182.7 108.7 201.9

63 130.8 76.3 141.7

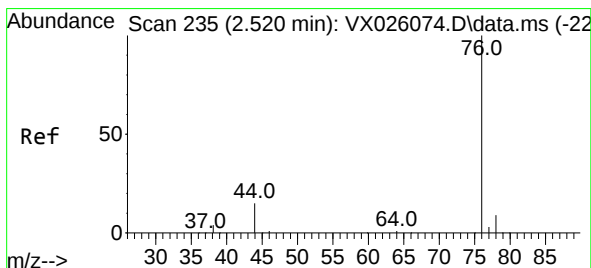
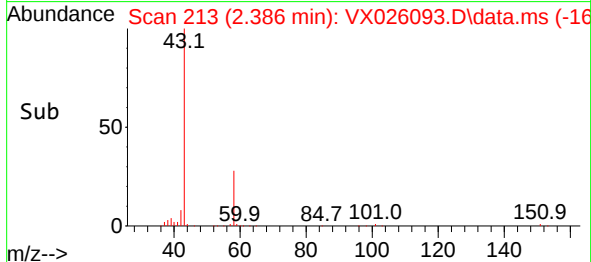
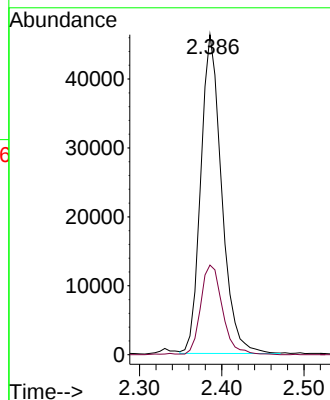
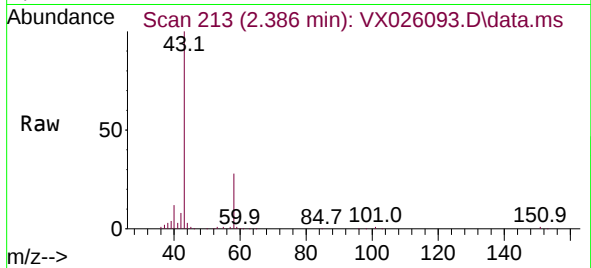




#13
Acetone
Concen: 128.571 ug/L
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

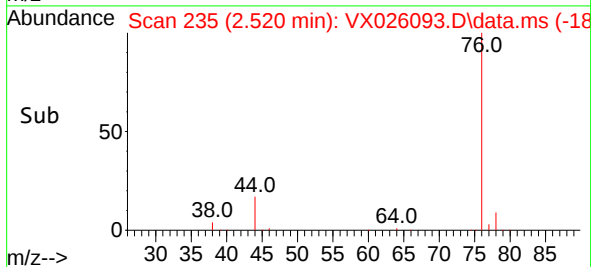
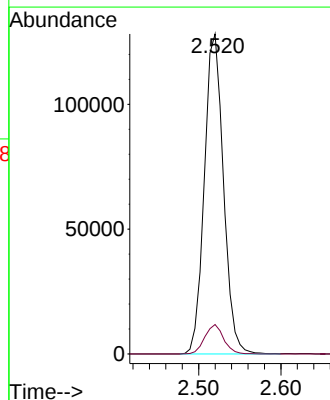
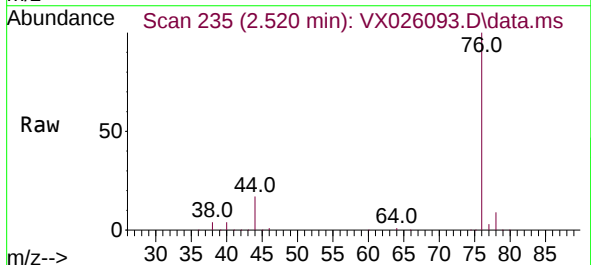
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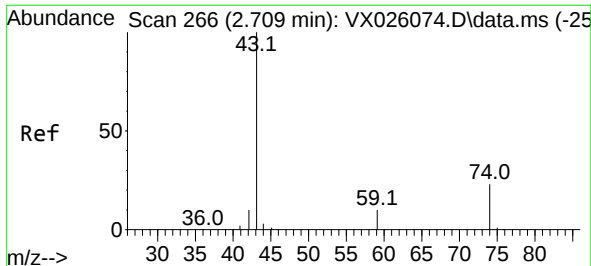
Tgt Ion: 43 Resp: 81846
Ion Ratio Lower Upper
43 100
58 29.3 0.0 65.6



#14
Carbon disulfide
Concen: 58.929 ug/L
RT: 2.520 min Scan# 235
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 207146
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

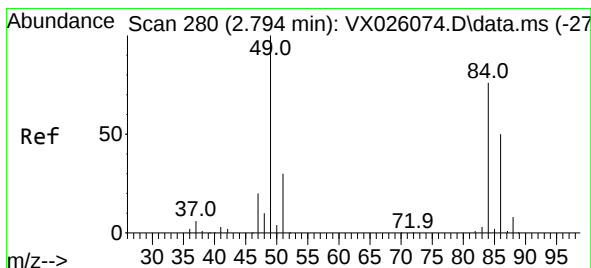
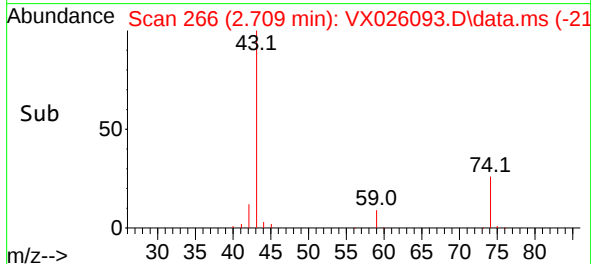
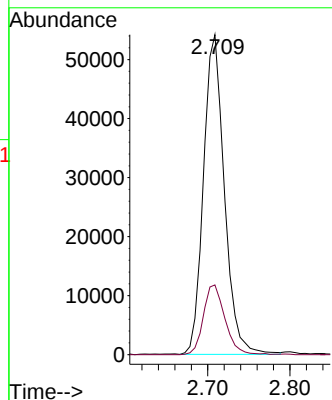
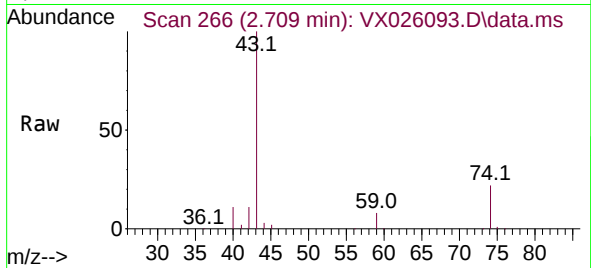




#15
Methyl Acetate
Concen: 54.606 ug/L
RT: 2.709 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

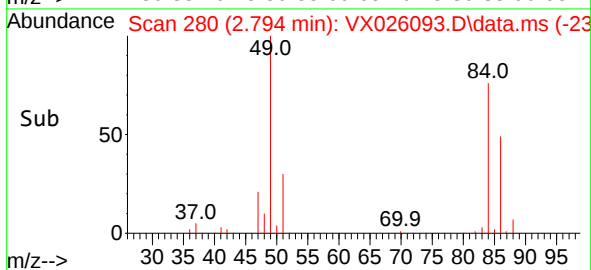
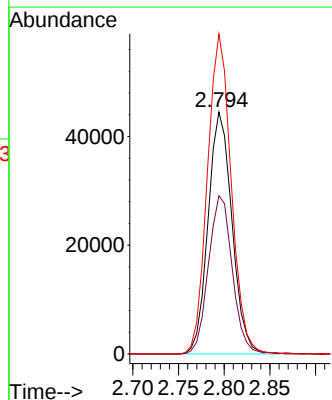
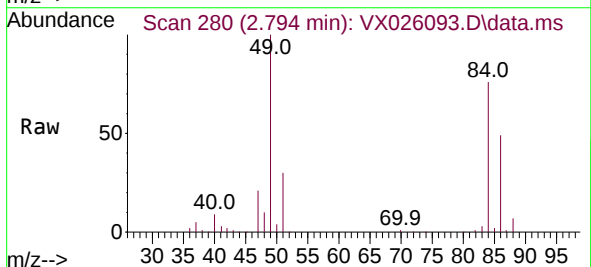
Instrument :
MSVOA_X
ClientSampleId :

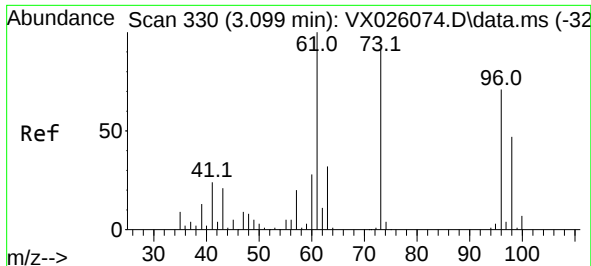
Tgt Ion: 43 Resp: 95803
Ion Ratio Lower Upper
43 100
74 22.4 0.1 0.1#



#16
Methylene chloride
Concen: 54.680 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion: 84 Resp: 80913
Ion Ratio Lower Upper
84 100
86 65.4 45.1 83.9
49 132.3 82.3 152.8





#17

trans-1,2-Dichloroethene

Concen: 55.576 ug/L

RT: 3.099 min Scan# 330

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :

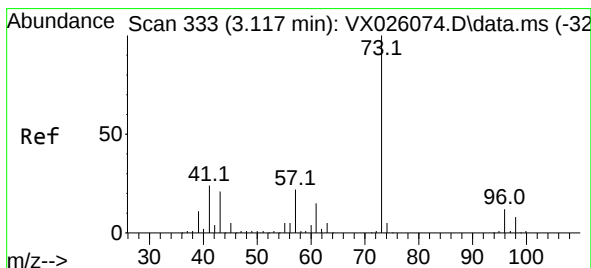
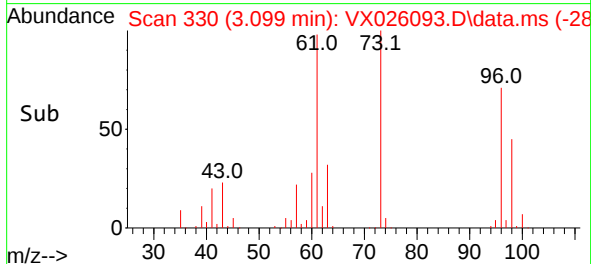
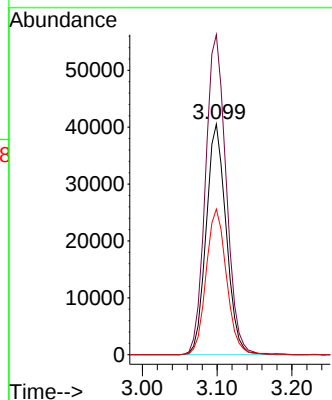
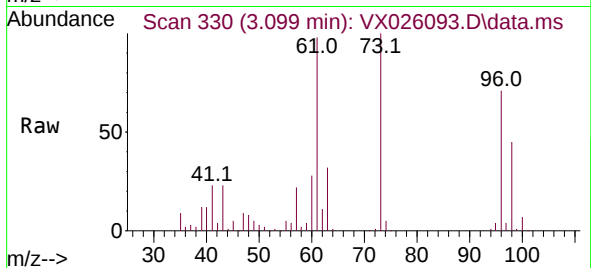
Tgt Ion: 96 Resp: 75321

Ion Ratio Lower Upper

96 100

61 138.8 88.5 164.4

98 63.2 44.3 82.3



#18

Methyl tert-butyl Ether

Concen: 59.941 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

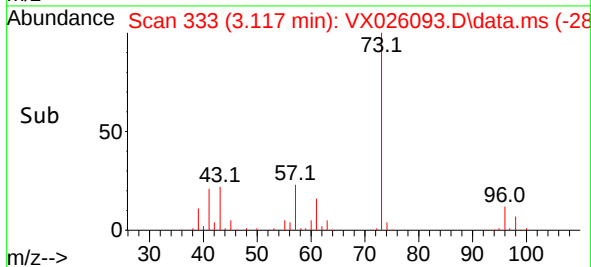
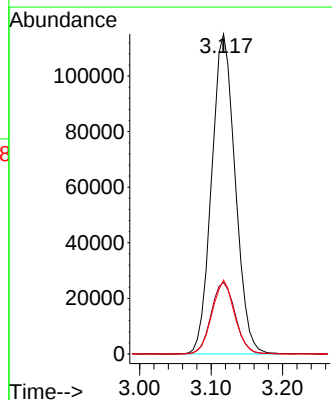
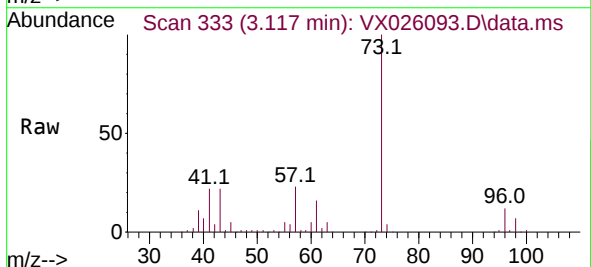
Tgt Ion: 73 Resp: 263902

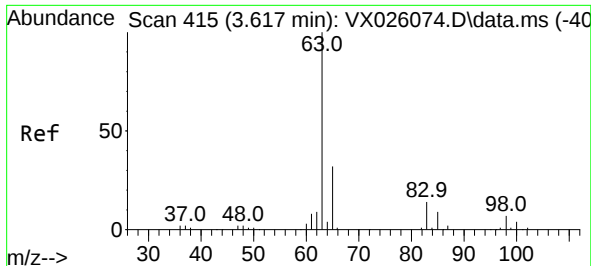
Ion Ratio Lower Upper

73 100

43 22.8 15.7 23.5

57 22.1 17.3 25.9





#19

1,1-Dichloroethane

Concen: 57.127 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :

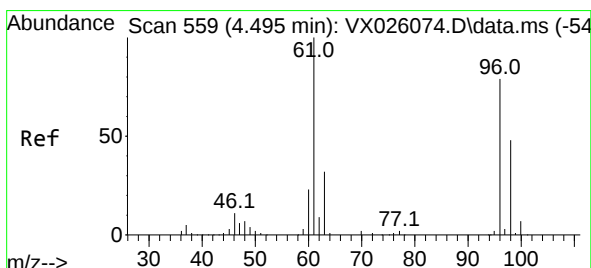
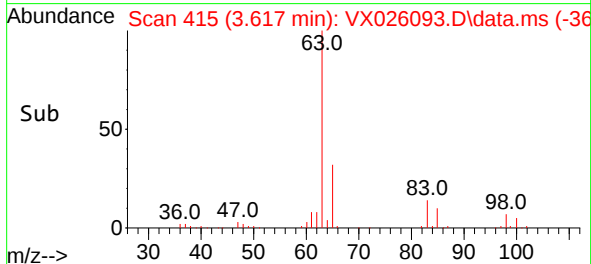
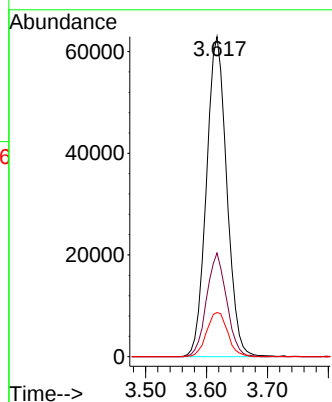
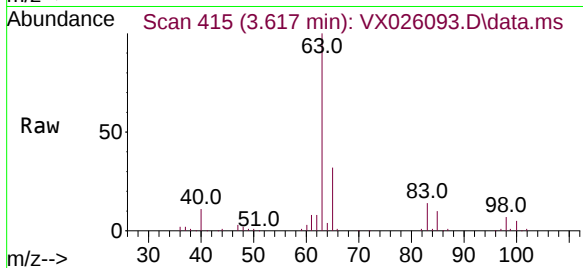
Tgt Ion: 63 Resp: 146018

Ion Ratio Lower Upper

63 100

65 32.4 22.2 41.2

83 13.8 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 57.491 ug/L

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

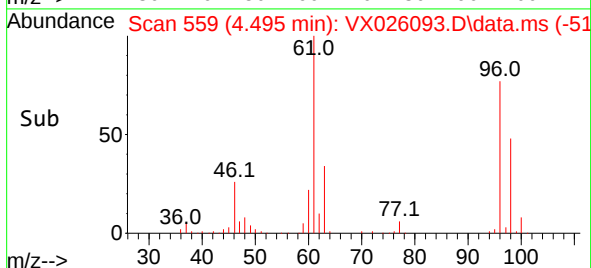
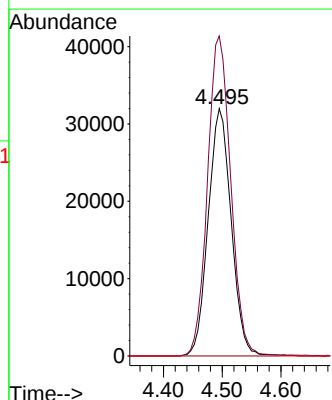
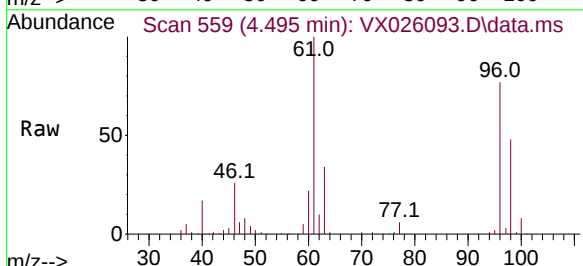
Tgt Ion: 96 Resp: 86958

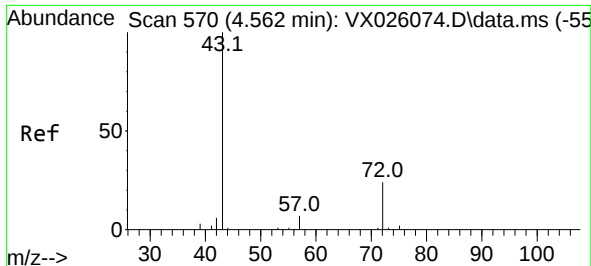
Ion Ratio Lower Upper

96 100

61 129.3 82.3 152.8

68 0.0 0.0 0.0

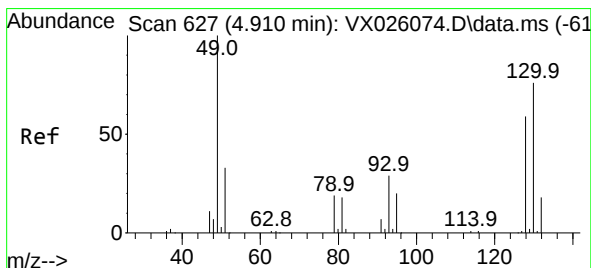
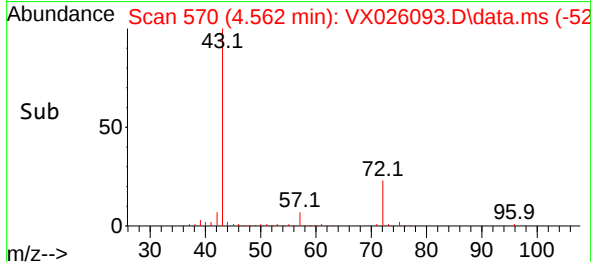
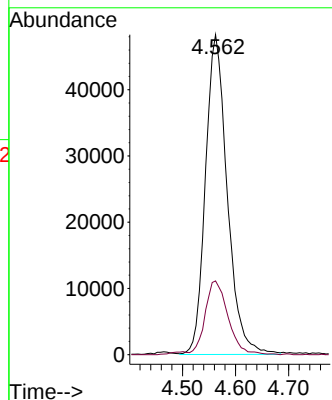
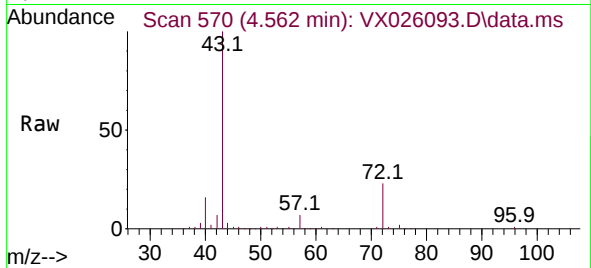




#22
2-Butanone
Concen: 116.313 ug/L
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

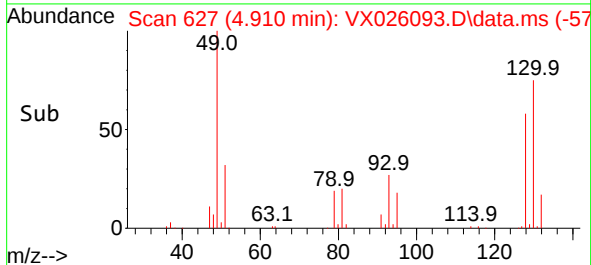
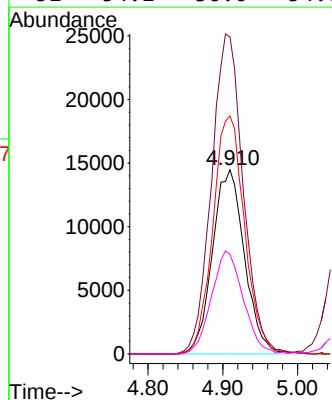
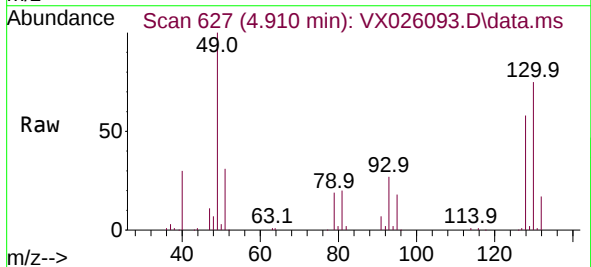
Instrument :
MSVOA_X
ClientSampleId :

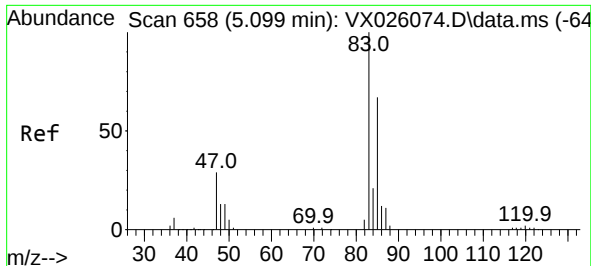
Tgt Ion: 43 Resp: 137863
Ion Ratio Lower Upper
43 100
72 22.5 13.8 41.3



#23
Bromochloromethane
Concen: 57.067 ug/L
RT: 4.910 min Scan# 627
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion:128 Resp: 43061
Ion Ratio Lower Upper
128 100
49 172.1 97.7 181.5
130 129.1 88.2 163.8
51 54.1 36.0 54.0#





#25

Chloroform

Concen: 56.002 ug/L

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

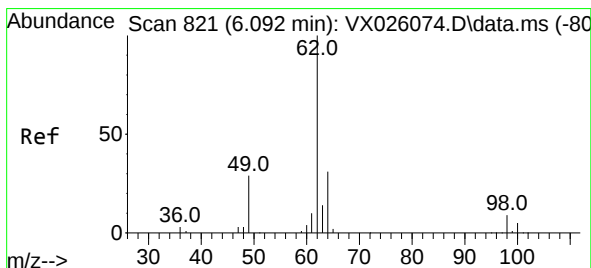
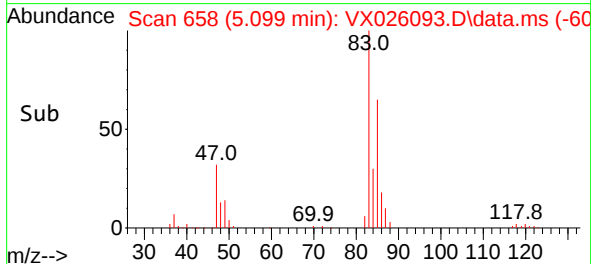
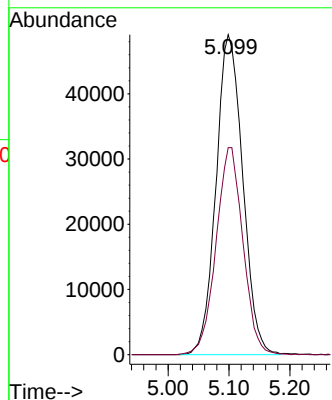
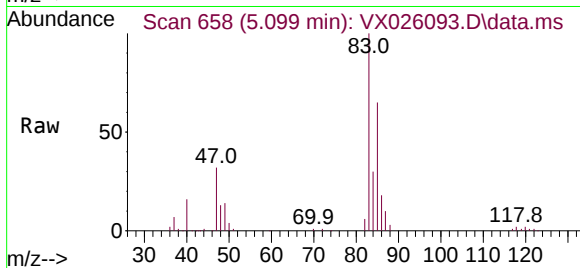
ClientSampleId :

Tgt Ion: 83 Resp: 149345

Ion Ratio Lower Upper

83 100

85 64.7 44.9 83.5



#27

1,2-Dichloroethane

Concen: 54.073 ug/L

RT: 6.092 min Scan# 821

Delta R.T. 0.000 min

Lab File: VX026093.D

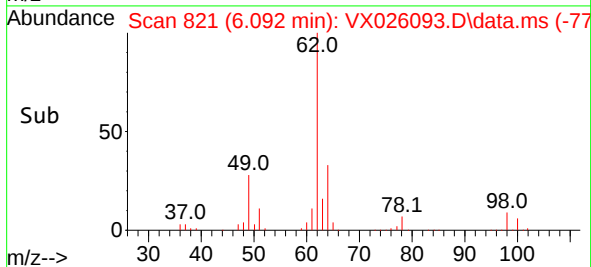
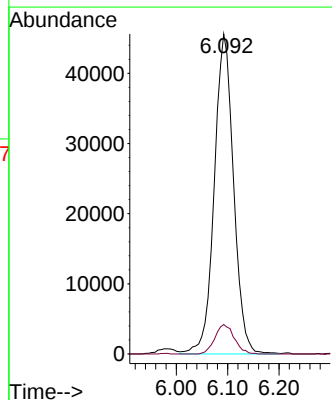
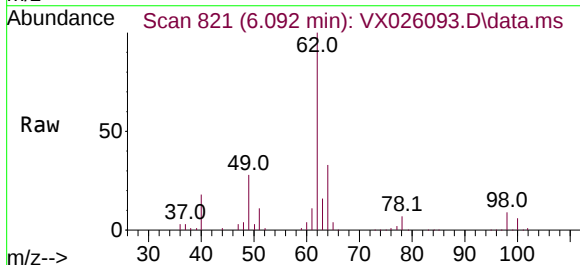
Acq: 28 Dec 2021 04:04

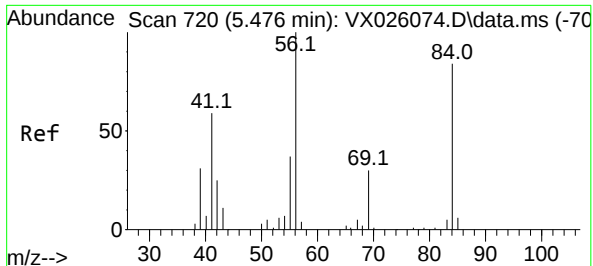
Tgt Ion: 62 Resp: 118945

Ion Ratio Lower Upper

62 100

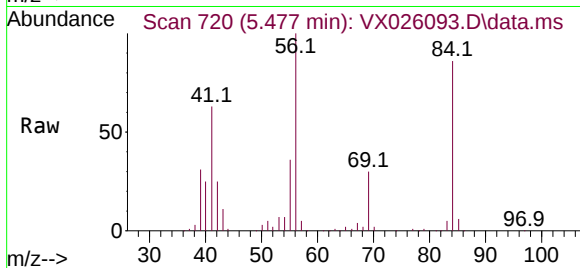
98 9.2 8.2 12.2



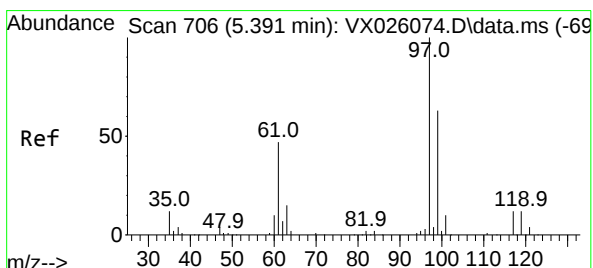
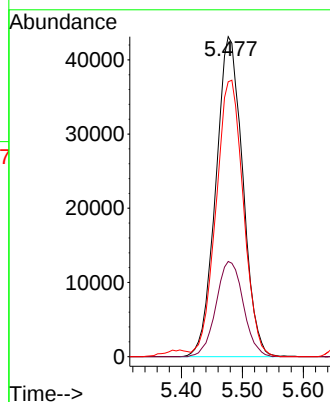
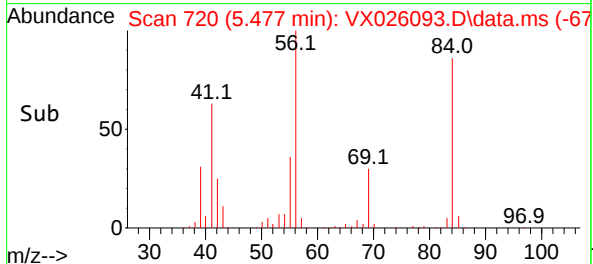


#29
Cyclohexane
Concen: 57.876 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Instrument :
MSVOA_X
ClientSampleId :

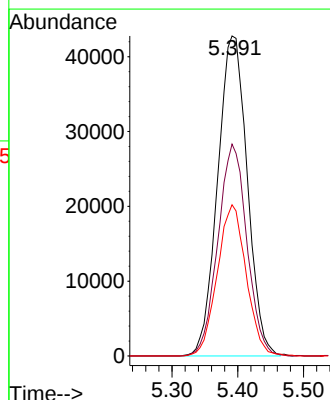
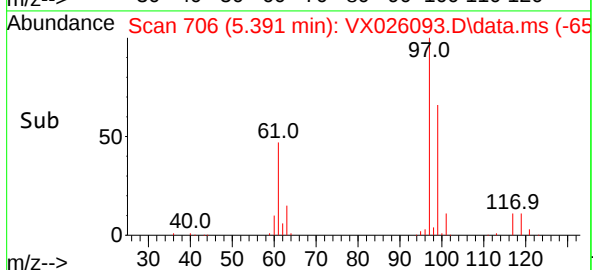
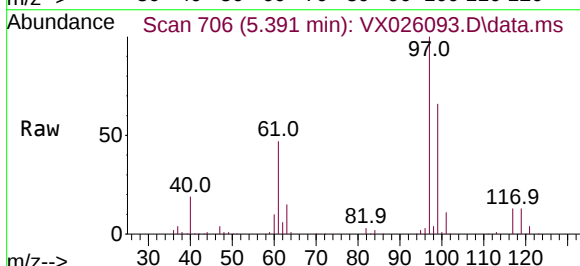


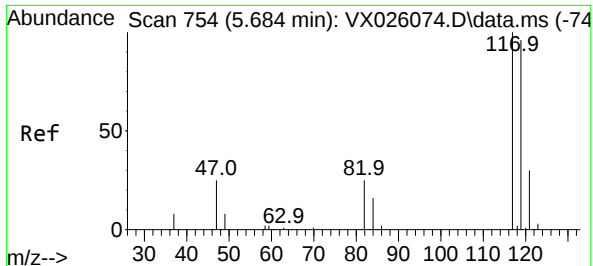
Tgt Ion: 56 Resp: 132267
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.2
84 87.8 76.6 114.8



#30
1,1,1-Trichloroethane
Concen: 63.364 ug/L
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion: 97 Resp: 134248
Ion Ratio Lower Upper
97 100
99 64.7 51.5 77.3
61 46.0 33.1 49.7

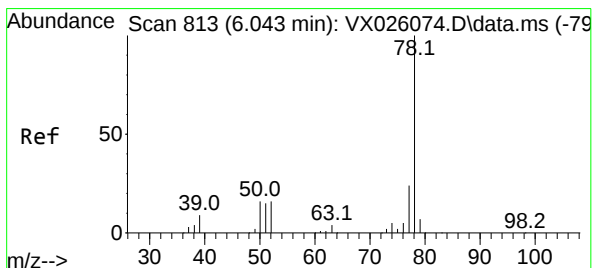
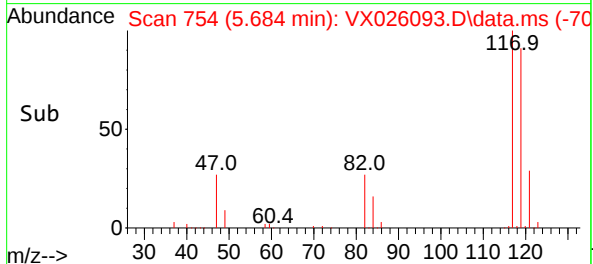
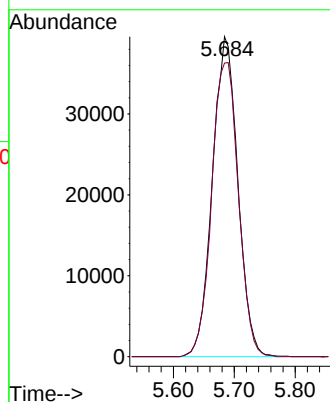
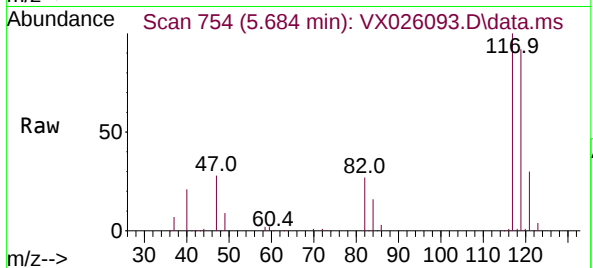




#31
Carbon tetrachloride
Concen: 62.536 ug/L
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

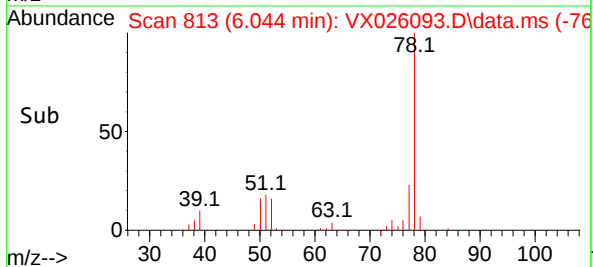
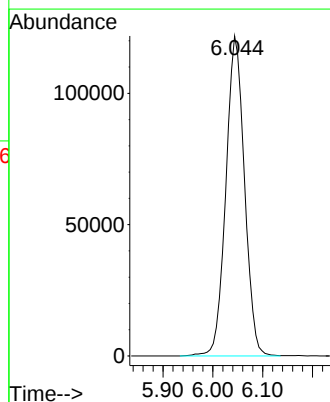
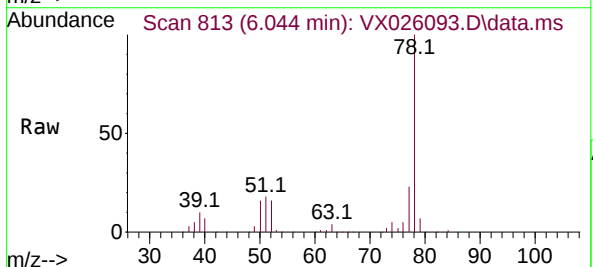
Instrument :
MSVOA_X
ClientSampleId :

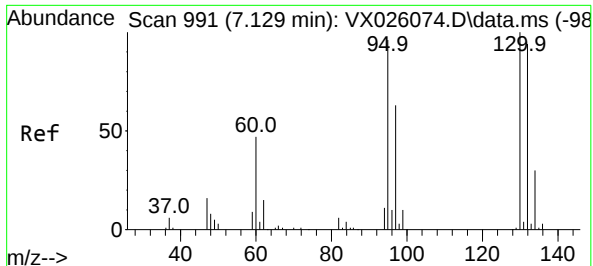
Tgt Ion:117 Resp: 114828
Ion Ratio Lower Upper
117 100
119 96.6 76.8 115.2



#33
Benzene
Concen: 57.126 ug/L
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

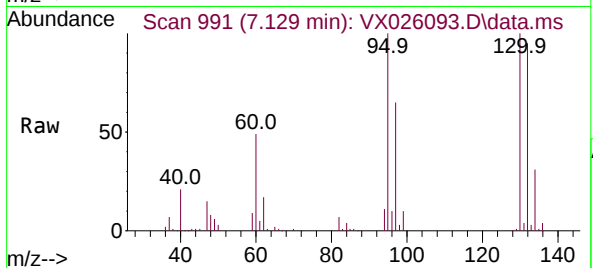
Tgt Ion: 78 Resp: 315629





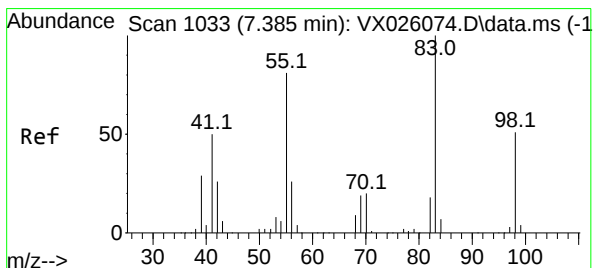
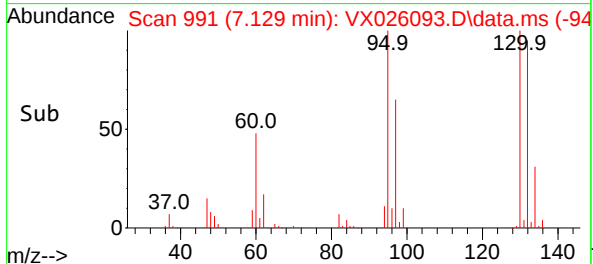
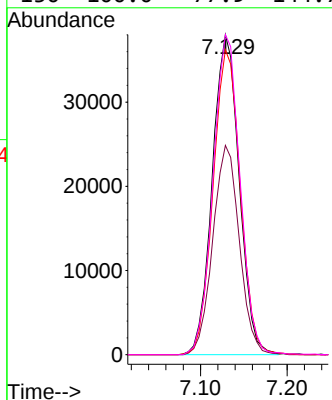
#34
Trichloroethene
Concen: 57.869 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 95 Resp: 81786

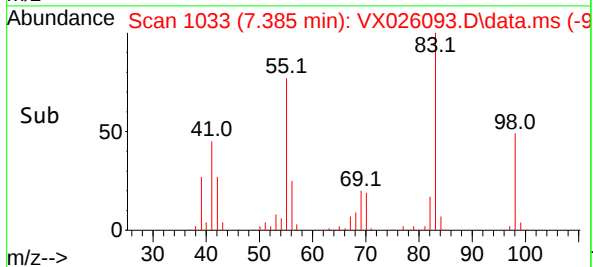
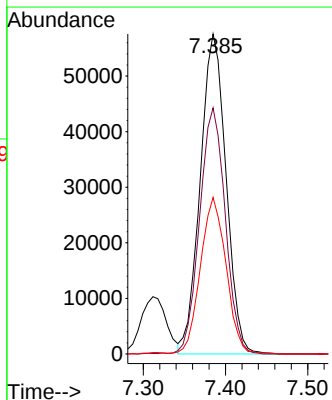
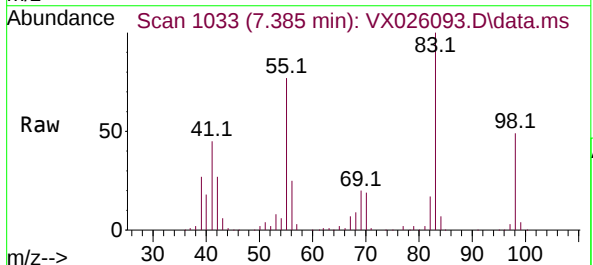
Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.0	85.4
132	95.3	75.0	139.2
130	100.0	77.9	144.7

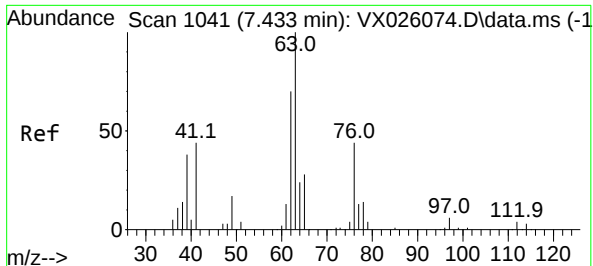


#35
Methylcyclohexane
Concen: 56.149 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion: 83 Resp: 125603

Ion	Ratio	Lower	Upper
83	100		
55	76.5	57.3	85.9
98	48.0	41.1	61.7





#37

1,2-Dichloropropane

Concen: 58.885 ug/L

RT: 7.434 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

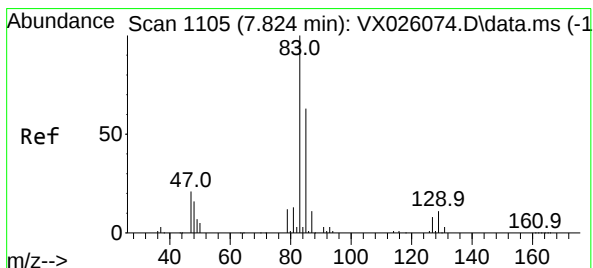
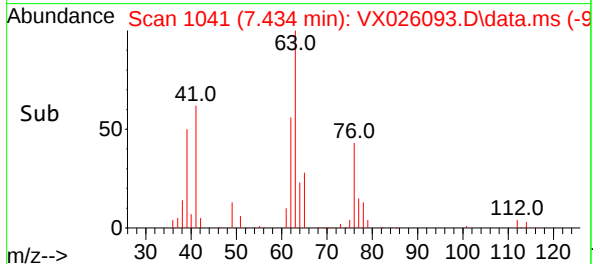
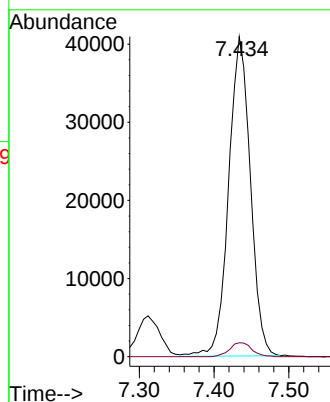
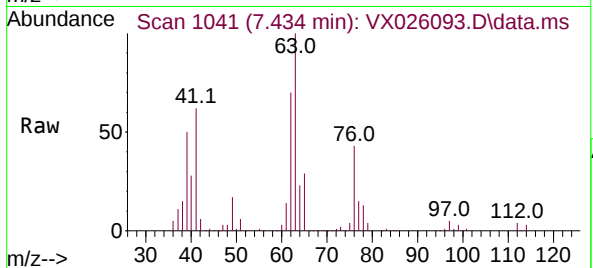
ClientSampleId :

Tgt Ion: 63 Resp: 82582

Ion Ratio Lower Upper

63 100

112 4.5 4.0 6.0



#38

Bromodichloromethane

Concen: 61.827 ug/L

RT: 7.824 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

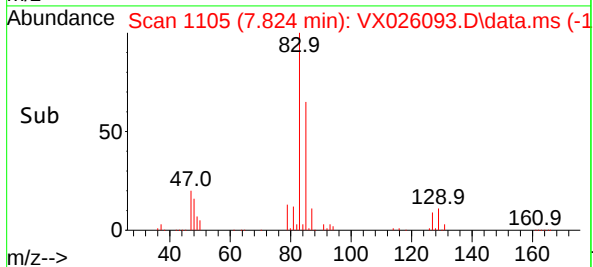
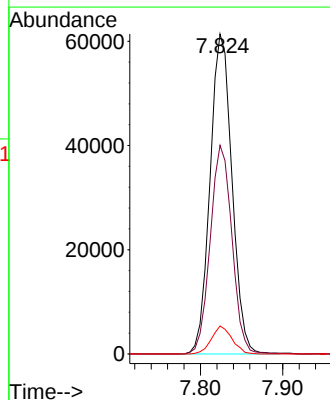
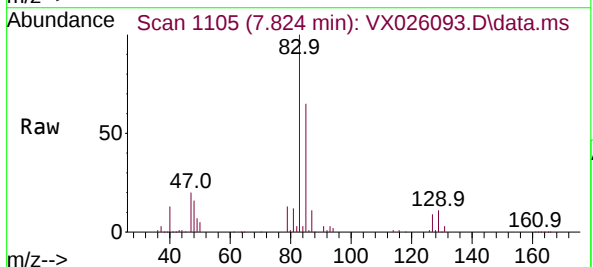
Tgt Ion: 83 Resp: 113635

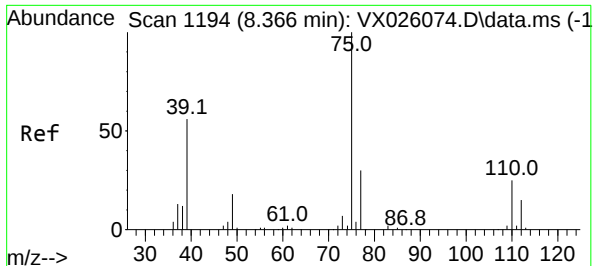
Ion Ratio Lower Upper

83 100

85 65.2 45.3 84.1

127 8.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 63.486 ug/L

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

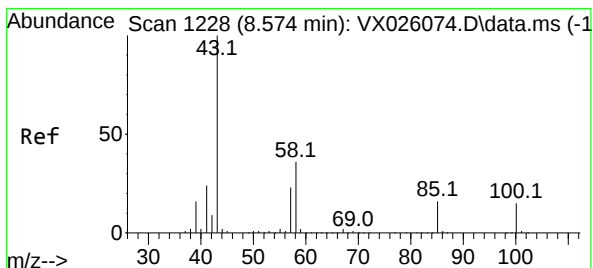
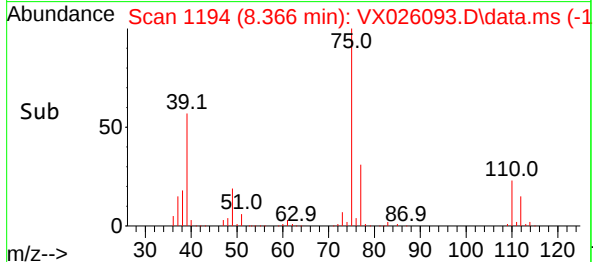
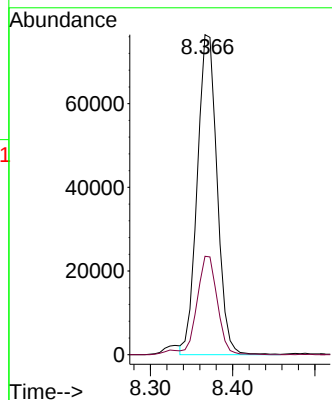
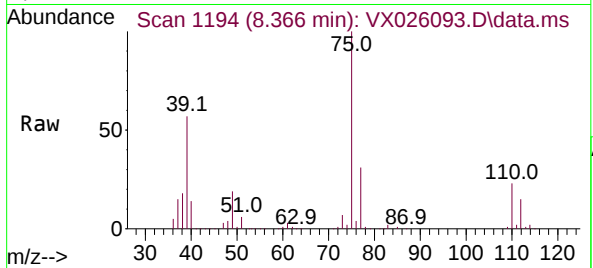
ClientSampleId :

Tgt Ion: 75 Resp: 127941

Ion Ratio Lower Upper

75 100

77 30.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 113.086 ug/L

RT: 8.574 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

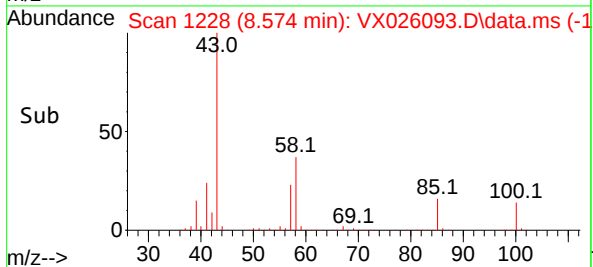
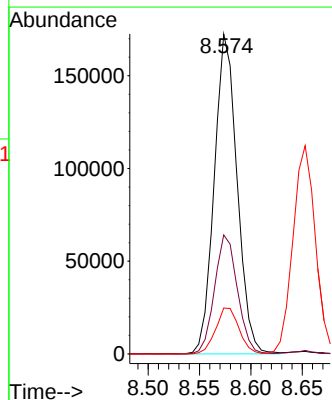
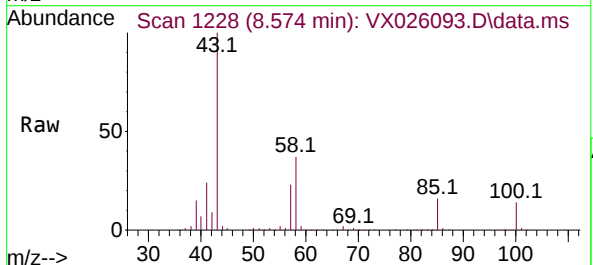
Tgt Ion: 43 Resp: 266632

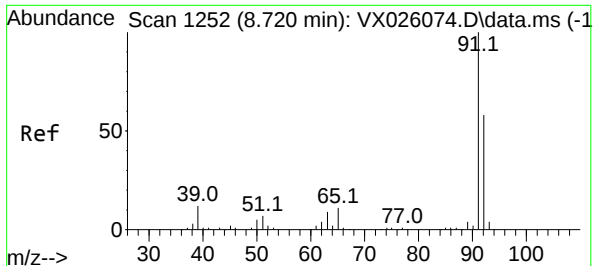
Ion Ratio Lower Upper

43 100

58 37.3 32.2 48.2

100 14.7 14.2 21.2





#42

Toluene

Concen: 58.762 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

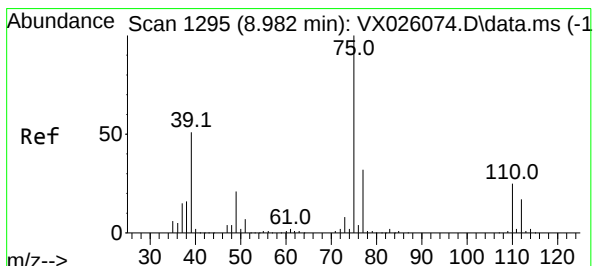
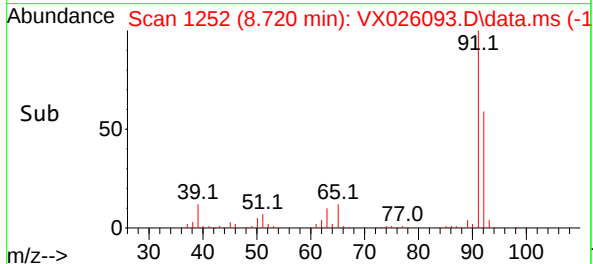
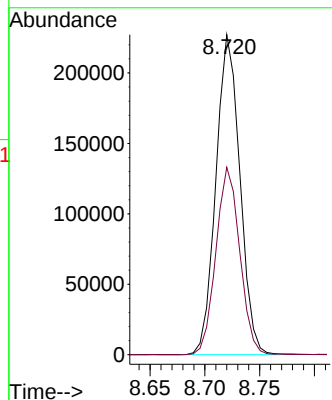
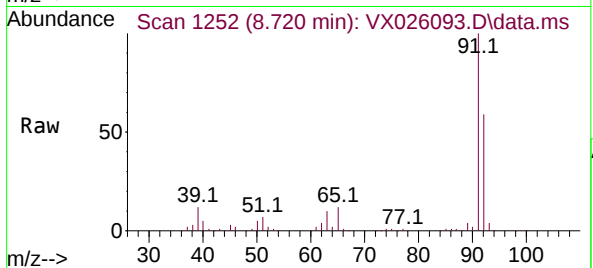
ClientSampleId :

Tgt Ion: 91 Resp: 345753

Ion Ratio Lower Upper

91 100

92 58.5 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 63.195 ug/L

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX026093.D

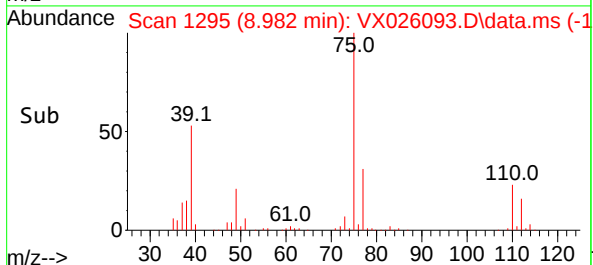
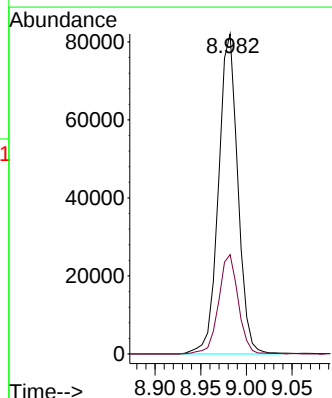
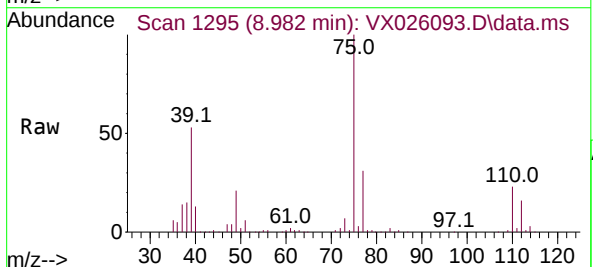
Acq: 28 Dec 2021 04:04

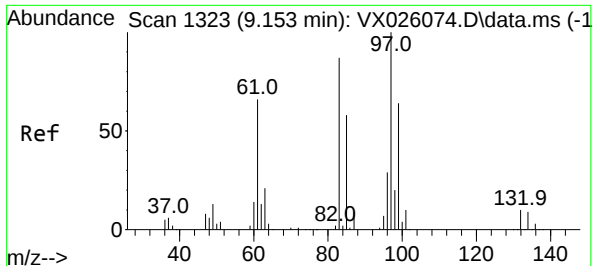
Tgt Ion: 75 Resp: 120857

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.8





#45

1,1,2-Trichloroethane

Concen: 56.693 ug/L

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 76797

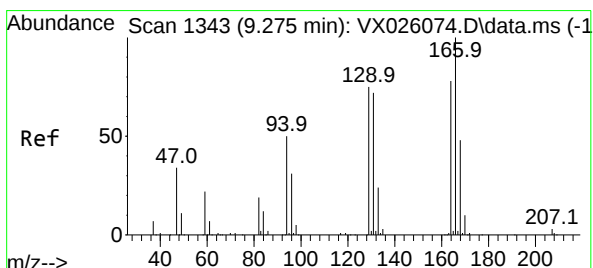
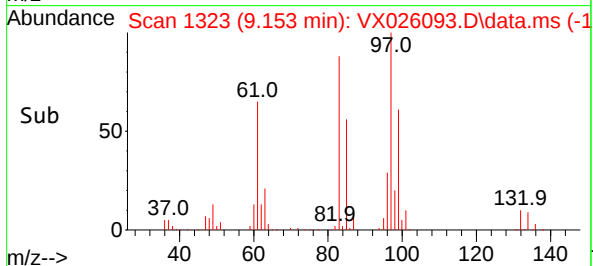
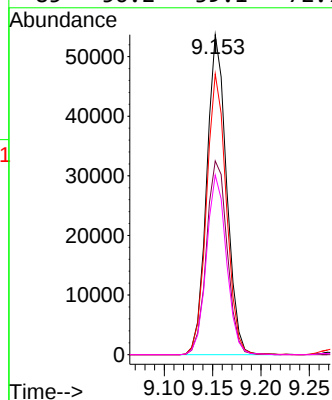
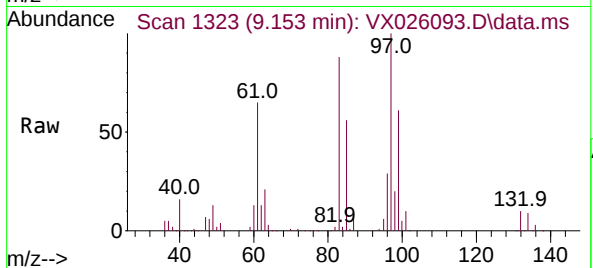
Ion Ratio Lower Upper

97 100

99 60.5 46.0 85.4

83 87.8 59.6 110.8

85 56.2 39.1 72.7



#46

Tetrachloroethene

Concen: 55.633 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Tgt Ion:164 Resp: 59983

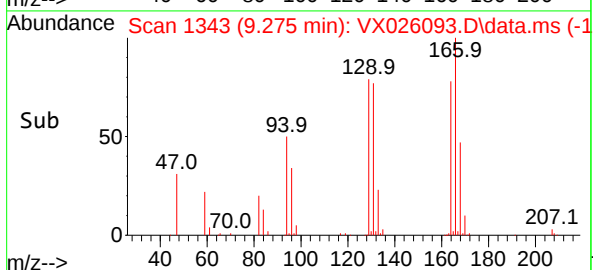
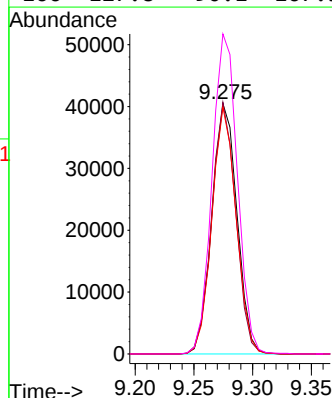
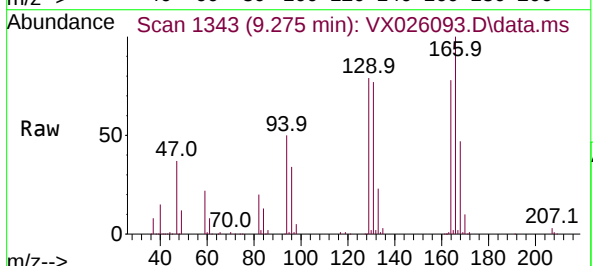
Ion Ratio Lower Upper

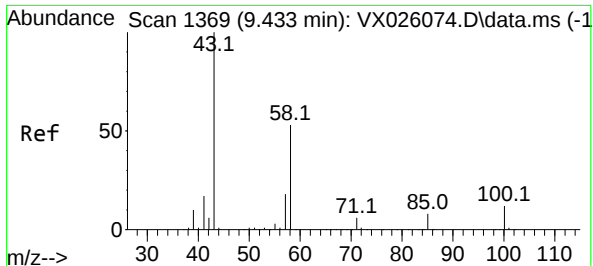
164 100

129 100.4 64.7 120.1

131 98.5 63.2 117.4

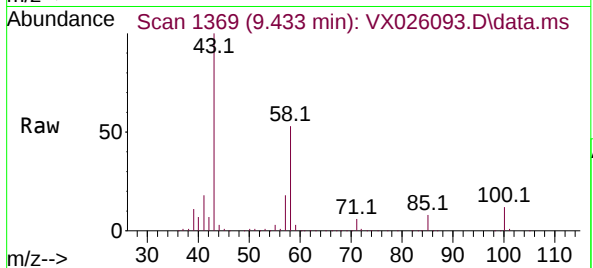
166 127.8 90.1 167.3





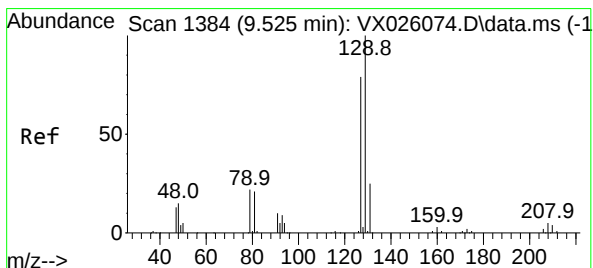
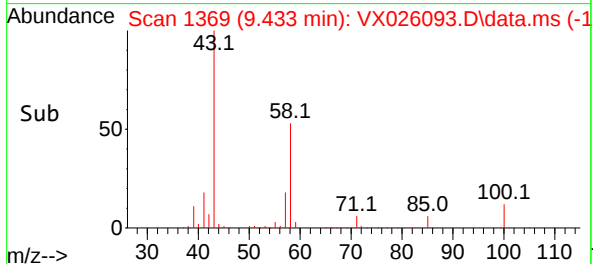
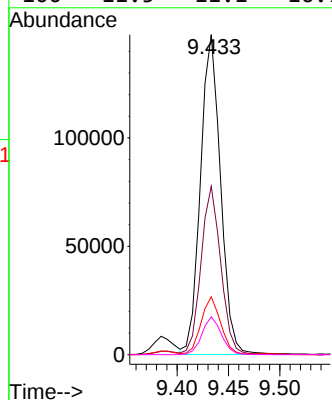
#48
2-Hexanone
Concen: 112.208 ug/L
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 201223

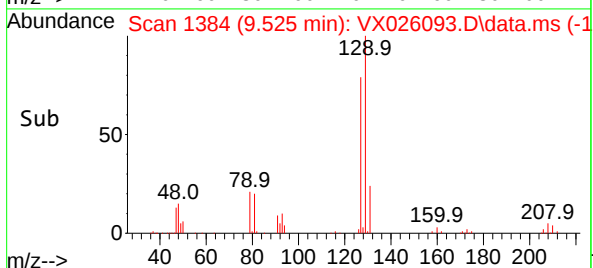
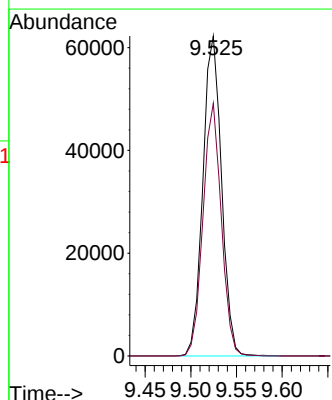
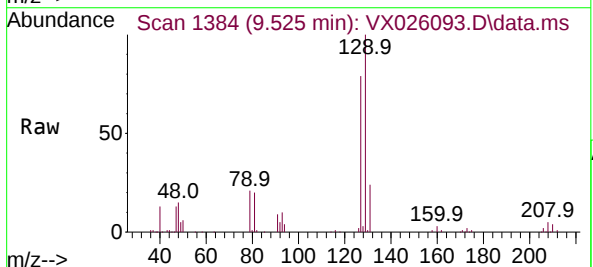
Ion	Ratio	Lower	Upper
43	100		
58	51.8	44.2	66.4
57	17.8	15.1	22.7
100	11.5	11.1	16.7

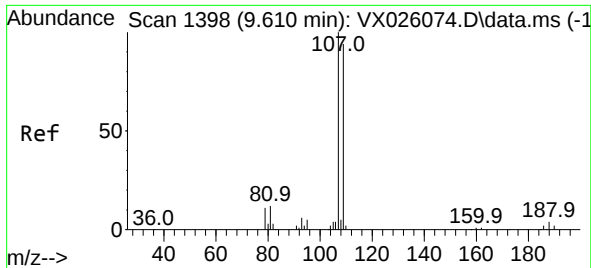


#49
Dibromochloromethane
Concen: 63.021 ug/L
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion: 129 Resp: 88166

Ion	Ratio	Lower	Upper
129	100		
127	79.0	52.4	97.2

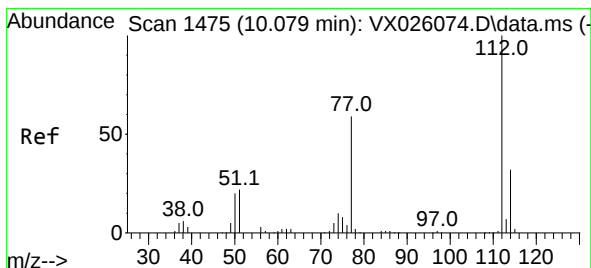
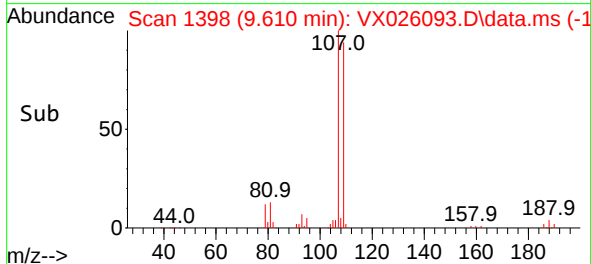
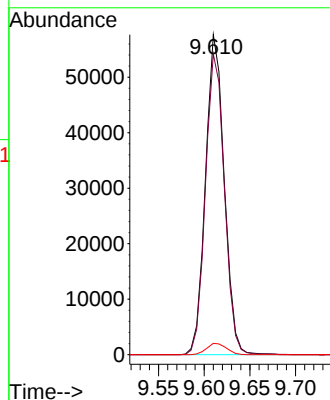
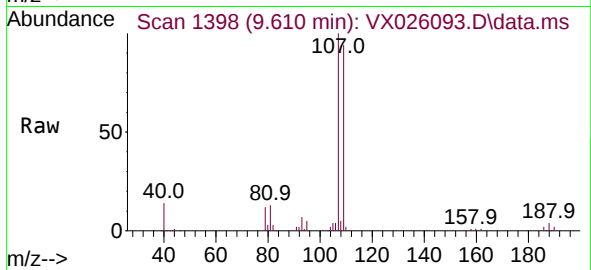




#50
1,2-Dibromoethane
Concen: 56.817 ug/L
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

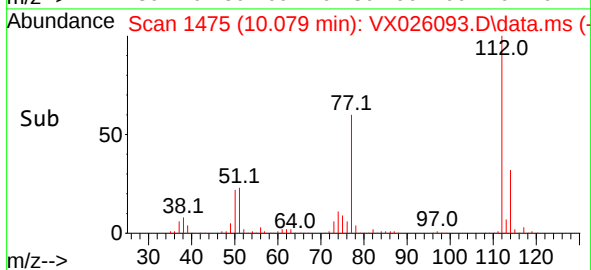
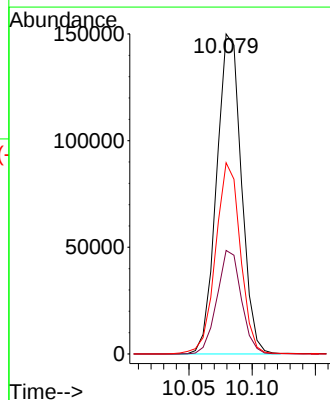
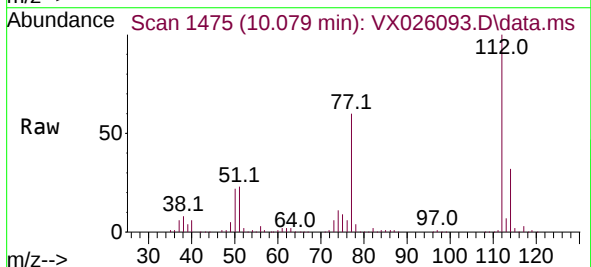
Instrument :
MSVOA_X
ClientSampleId :

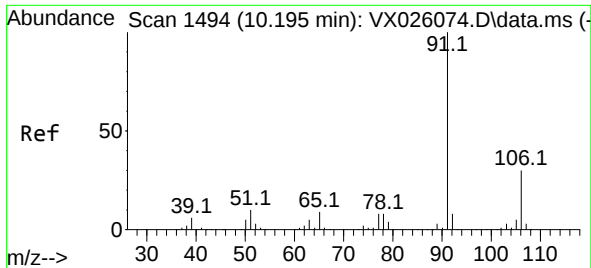
Tgt Ion:107 Resp: 82191
Ion Ratio Lower Upper
107 100
109 93.9 65.3 121.3
188 3.5 2.9 4.3



#51
Chlorobenzene
Concen: 55.102 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion:112 Resp: 204083
Ion Ratio Lower Upper
112 100
114 32.4 22.5 41.9
77 59.8 44.5 66.7

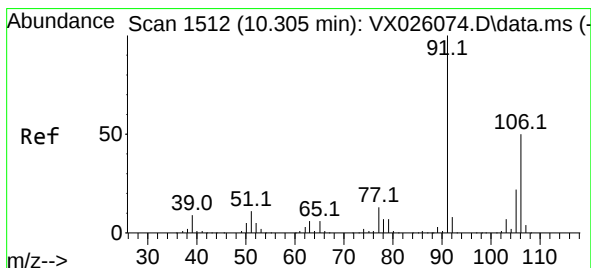
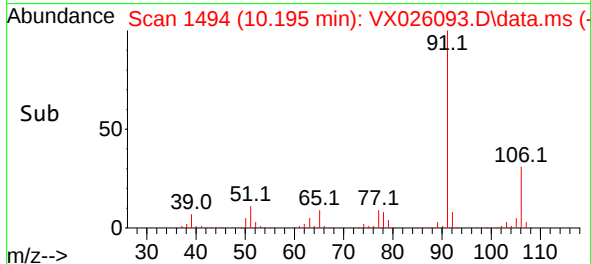
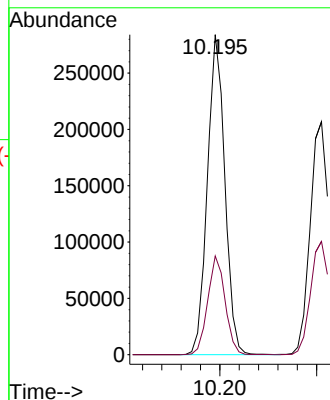
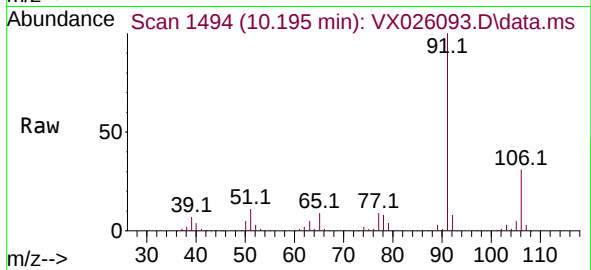




#52
Ethylbenzene
Concen: 55.814 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

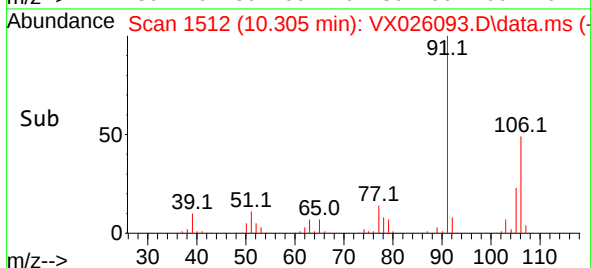
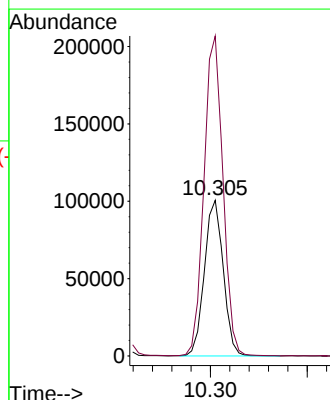
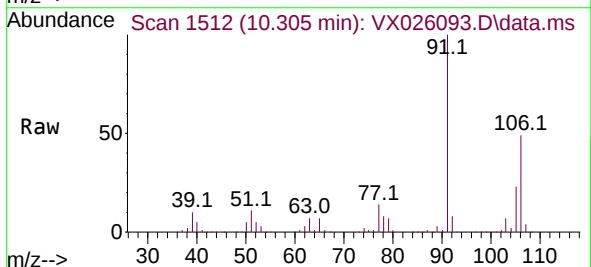
Instrument :
MSVOA_X
ClientSampleId :

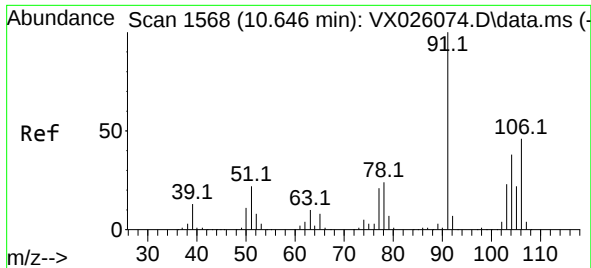
Tgt Ion: 91 Resp: 356181
Ion Ratio Lower Upper
91 100
106 30.9 23.1 42.9



#53
m,p-Xylene
Concen: 56.114 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion: 106 Resp: 136696
Ion Ratio Lower Upper
106 100
91 205.5 136.8 254.2

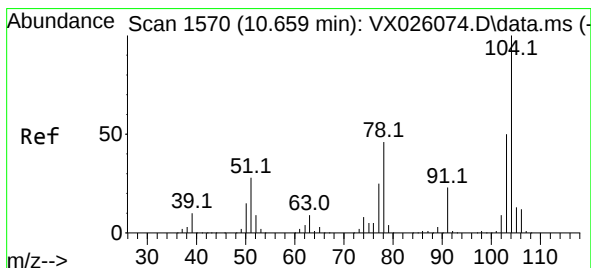
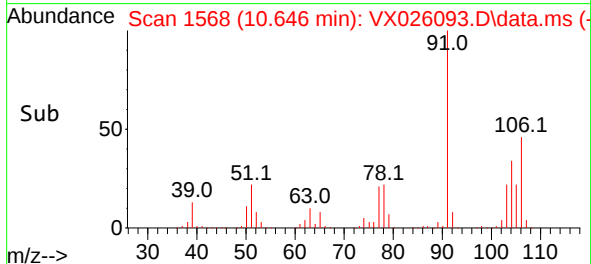
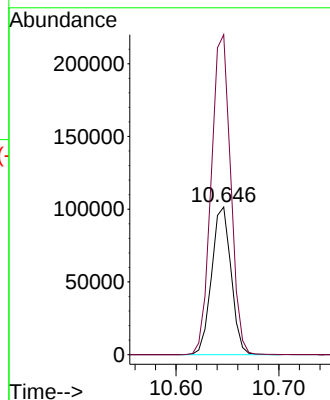
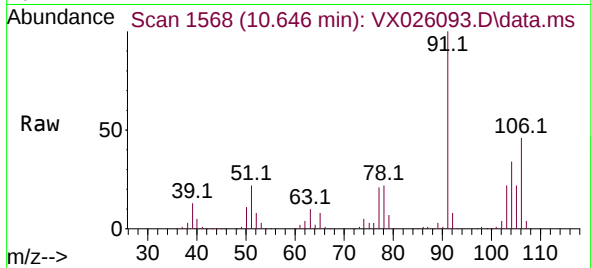




#54
o-Xylene
Concen: 55.217 ug/L
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

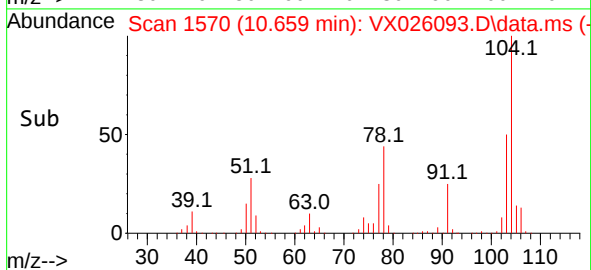
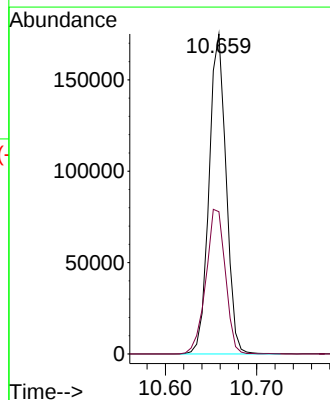
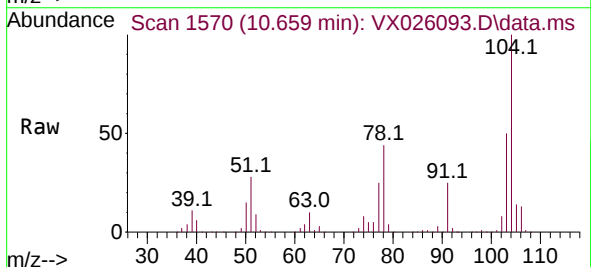
Instrument :
MSVOA_X
ClientSampleId :

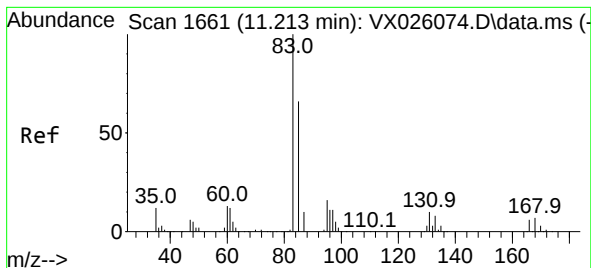
Tgt Ion:106 Resp: 133237
Ion Ratio Lower Upper
106 100
91 216.7 140.5 260.9



#55
Styrene
Concen: 55.598 ug/L
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion:104 Resp: 226474
Ion Ratio Lower Upper
104 100
78 44.5 28.6 53.0





#57

1,1,2,2-Tetrachloroethane

Concen: 53.480 ug/L

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :

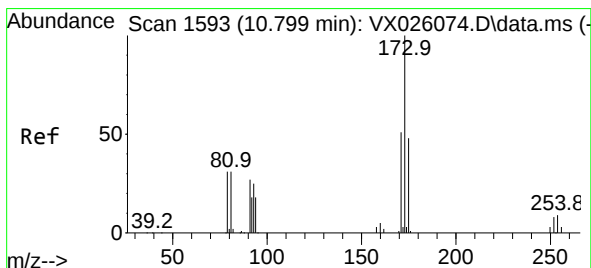
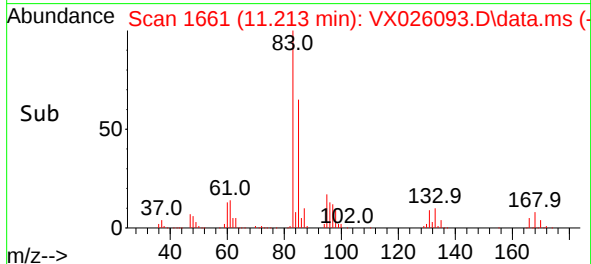
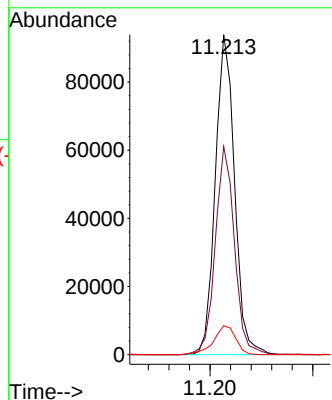
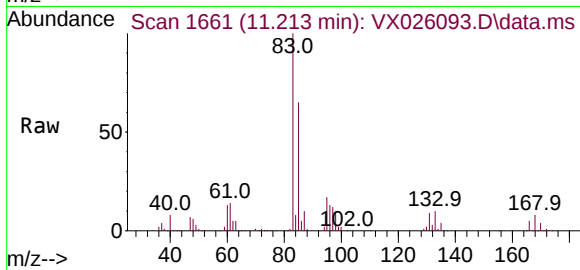
Tgt Ion: 83 Resp: 121740

Ion Ratio Lower Upper

83 100

85 65.0 47.0 87.2

131 9.1 8.5 12.7



#59

Bromoform

Concen: 67.136 ug/L

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

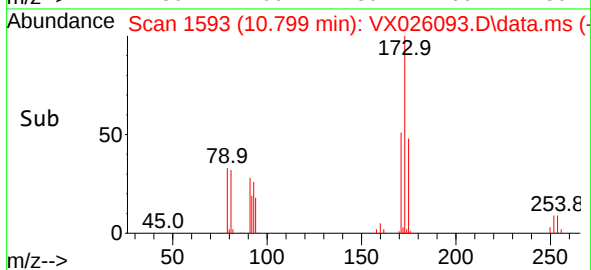
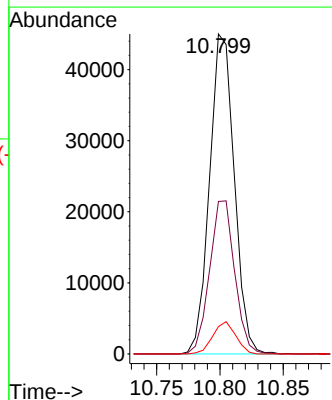
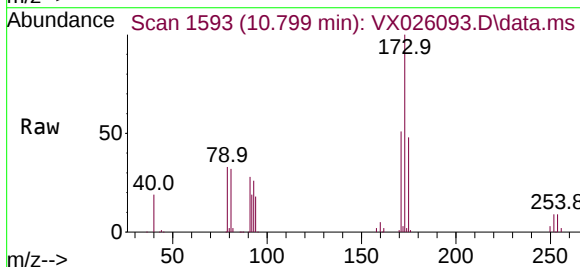
Tgt Ion:173 Resp: 61266

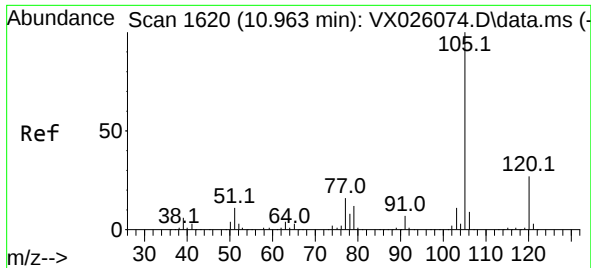
Ion Ratio Lower Upper

173 100

175 48.6 38.6 58.0

254 9.3 7.7 11.5

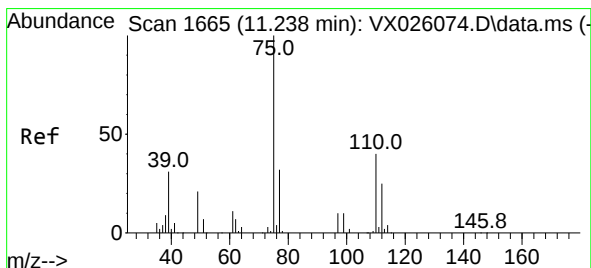
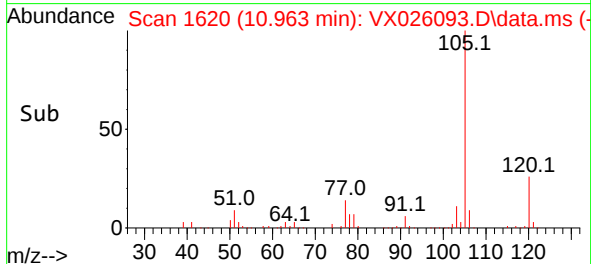
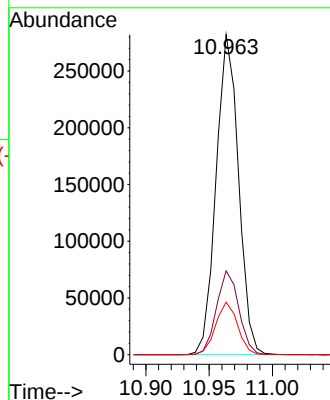
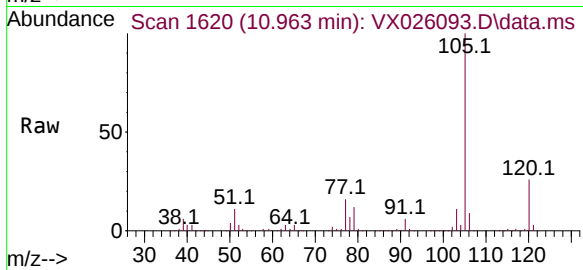




#60
Isopropylbenzene
Concen: 57.095 ug/L
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

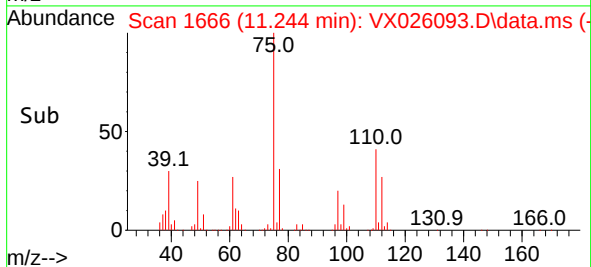
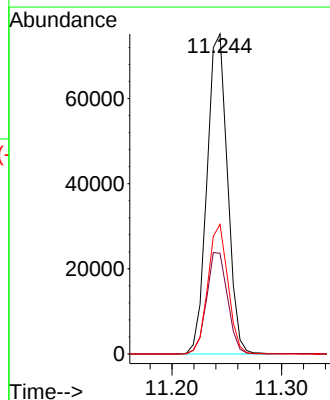
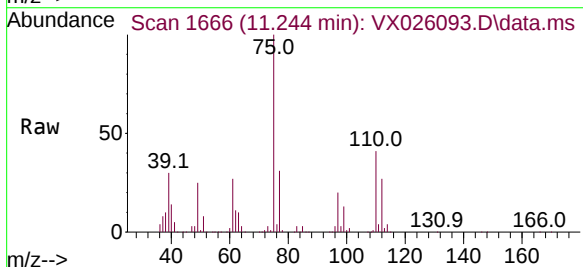
Instrument :
MSVOA_X
ClientSampleId :

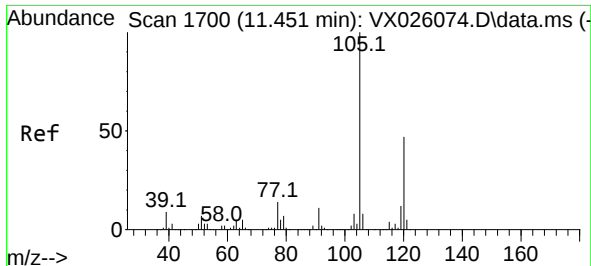
Tgt Ion:105 Resp: 346613
Ion Ratio Lower Upper
105 100
120 26.1 22.3 33.5
77 16.1 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 55.336 ug/L
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion: 75 Resp: 97697
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8
110 39.6 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 57.667 ug/L

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

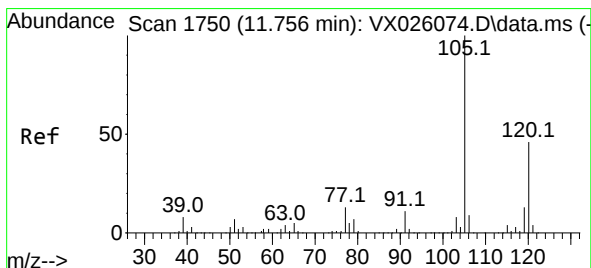
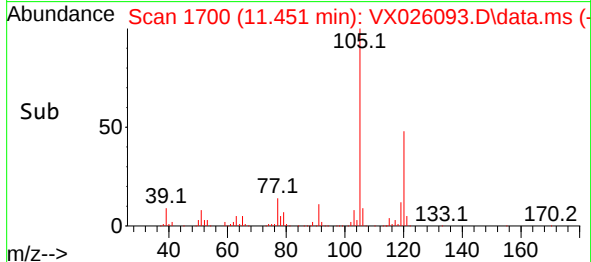
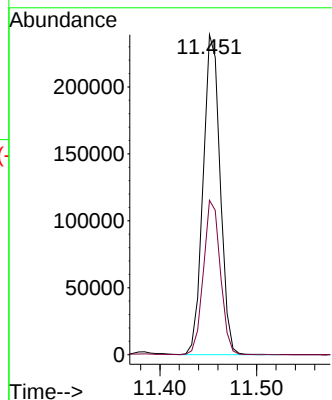
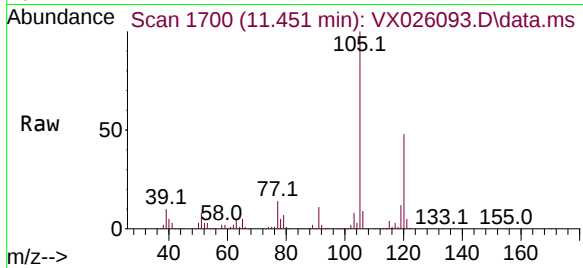
ClientSampleId :

Tgt Ion:105 Resp: 293119

Ion Ratio Lower Upper

105 100

120 47.9 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 58.007 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX026093.D

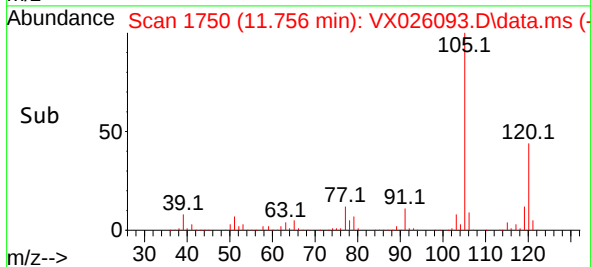
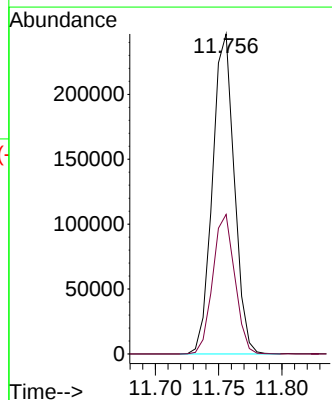
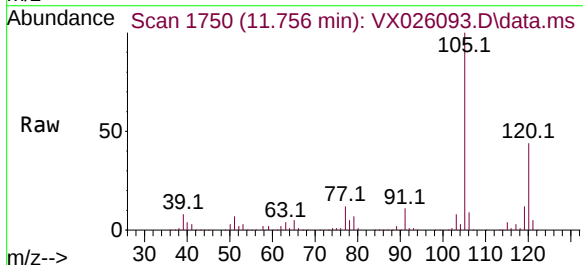
Acq: 28 Dec 2021 04:04

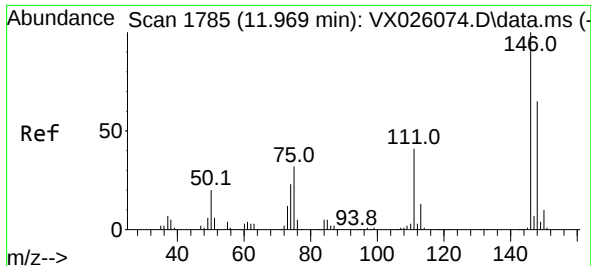
Tgt Ion:105 Resp: 295377

Ion Ratio Lower Upper

105 100

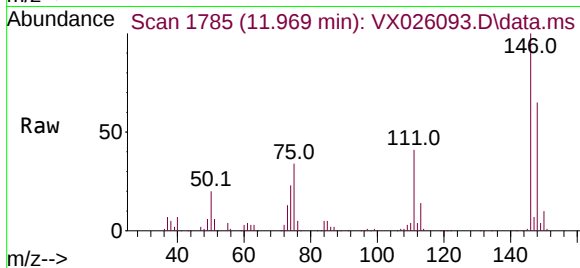
120 44.0 0.1 0.1#



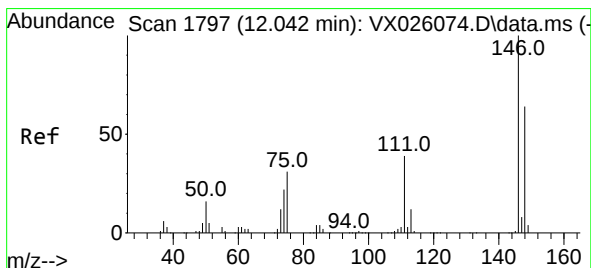
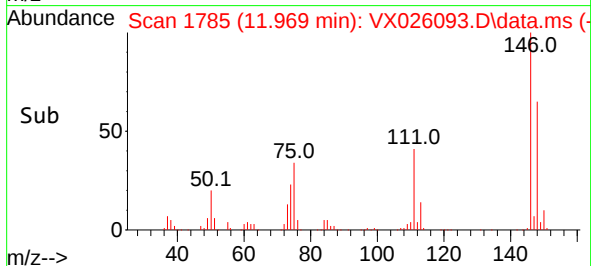
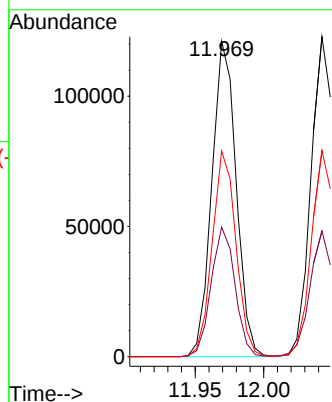


#64
1,3-Dichlorobenzene
Concen: 55.169 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Instrument :
MSVOA_X
ClientSampleId :

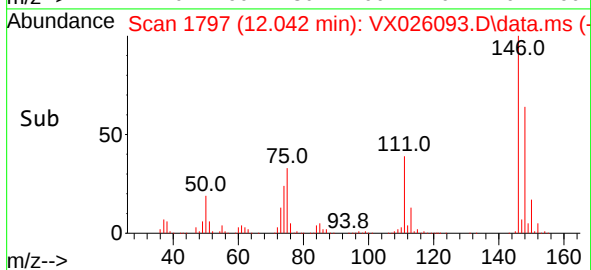
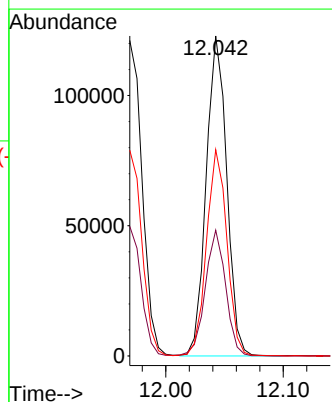
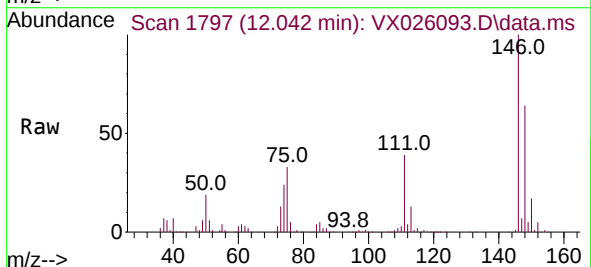


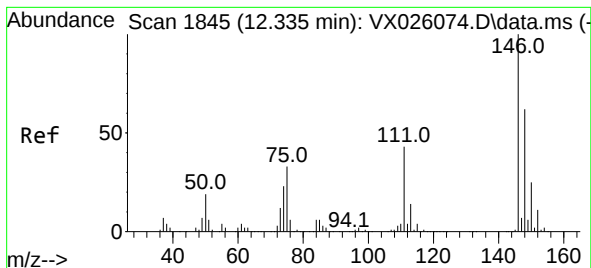
Tgt Ion:146 Resp: 149437
Ion Ratio Lower Upper
146 100
111 41.1 27.6 51.2
148 65.2 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 54.739 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026093.D
Acq: 28 Dec 2021 04:04

Tgt Ion:146 Resp: 149282
Ion Ratio Lower Upper
146 100
111 39.3 26.5 49.3
148 64.4 45.5 84.5





#67

1,2-Dichlorobenzene

Concen: 55.186 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :

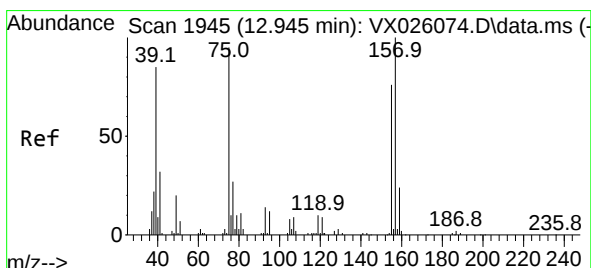
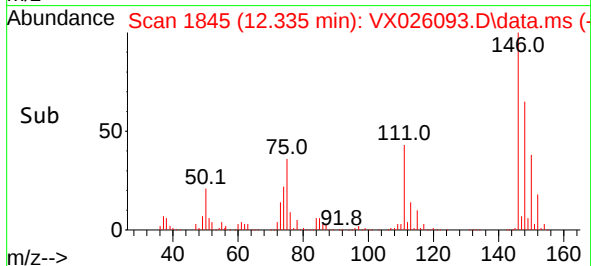
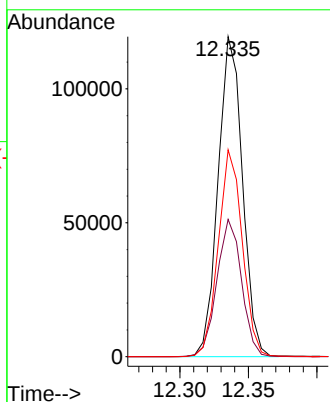
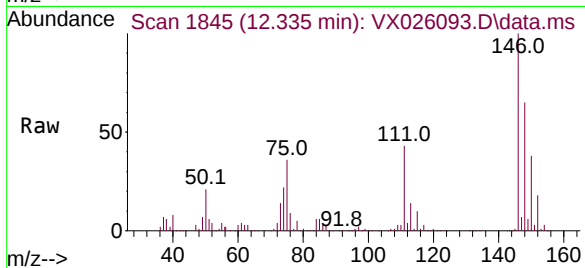
Tgt Ion:146 Resp: 147799

Ion Ratio Lower Upper

146 100

111 42.9 32.3 48.5

148 64.6 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 61.426 ug/L

RT: 12.945 min Scan# 1945

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

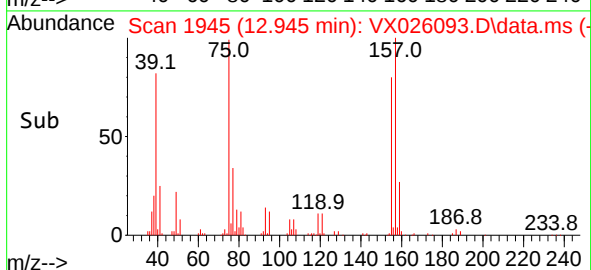
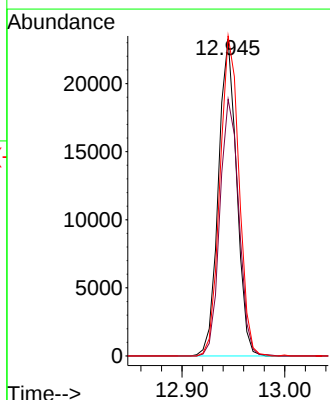
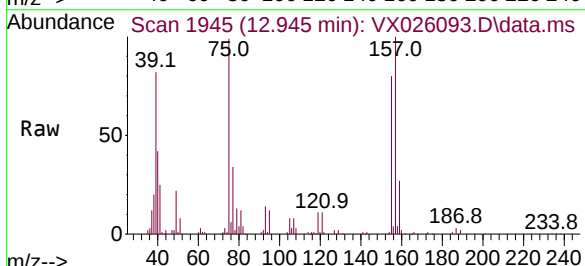
Tgt Ion: 75 Resp: 28572

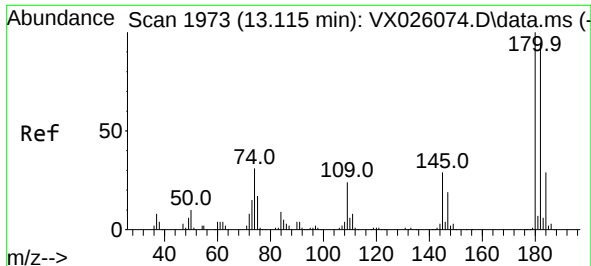
Ion Ratio Lower Upper

75 100

155 80.9 79.4 119.2

157 100.9 100.4 150.6





#69

1,3,5-Trichlorobenzene

Concen: 56.037 ug/L

RT: 13.115 min Scan# 1793

Delta R.T. 0.000 min

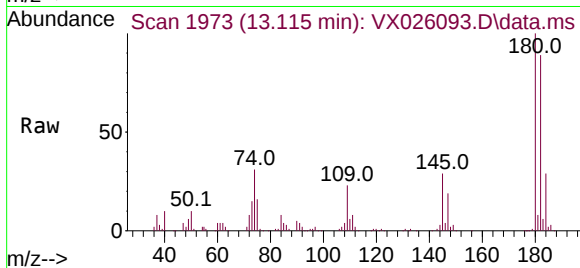
Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 101898

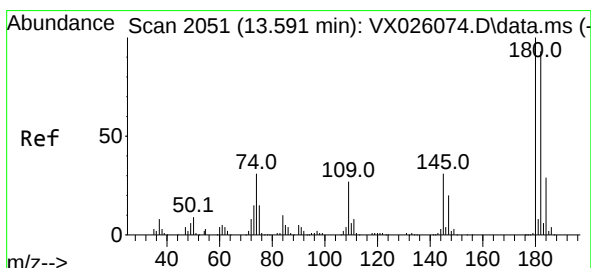
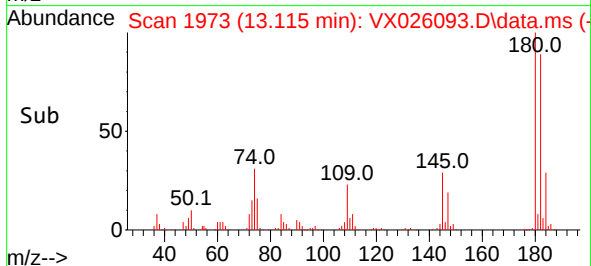
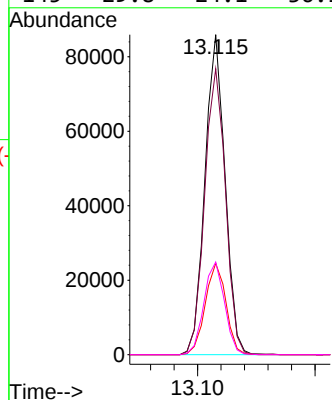
Ion Ratio Lower Upper

180 100

182 92.4 75.3 112.9

184 29.4 24.6 37.0

145 29.8 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 55.960 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

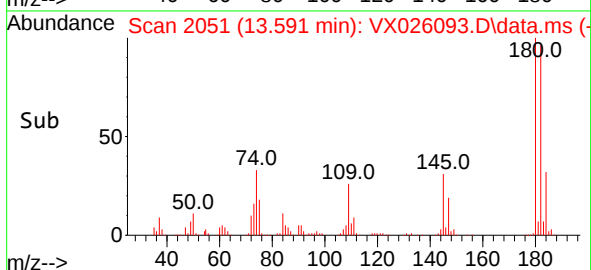
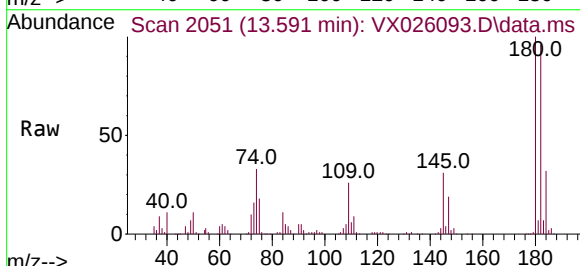
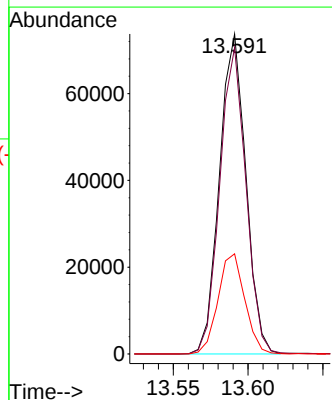
Tgt Ion:180 Resp: 90619

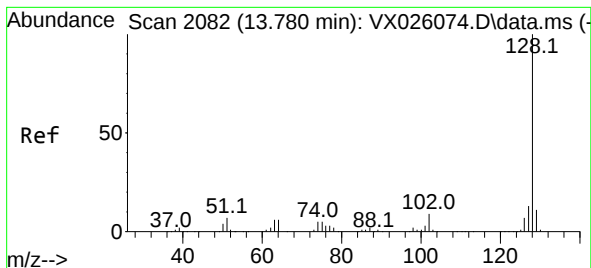
Ion Ratio Lower Upper

180 100

182 94.5 78.2 117.4

145 31.7 24.7 37.1





#71

Naphthalene

Concen: 58.652 ug/L

RT: 13.780 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Instrument :

MSVOA_X

ClientSampleId :

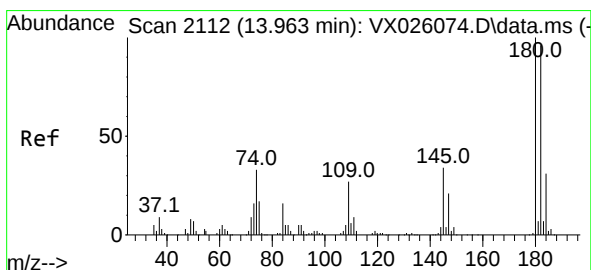
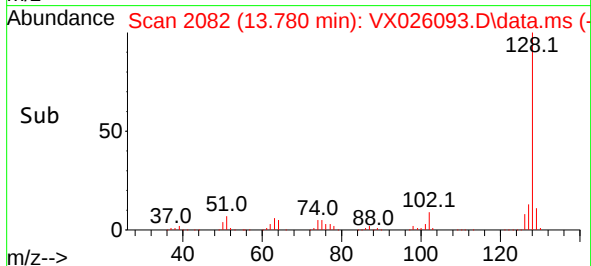
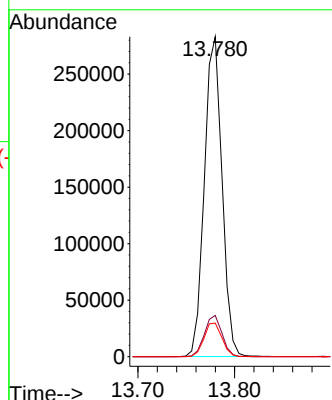
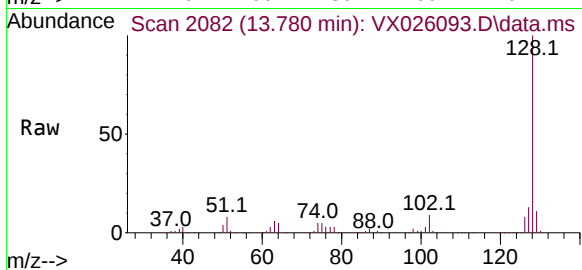
Tgt Ion:128 Resp: 359055

Ion Ratio Lower Upper

128 100

127 12.9 10.1 15.1

129 10.8 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 55.685 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX026093.D

Acq: 28 Dec 2021 04:04

Tgt Ion:180 Resp: 93124

Ion Ratio Lower Upper

180 100

182 95.8 75.2 112.8

145 33.4 25.8 38.6

