

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029686.D
 Acq On : 22 Jun 2022 09:56
 Operator : JC/MD
 Sample : VX0622MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622MBL01

Quant Time: Jun 23 01:07:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

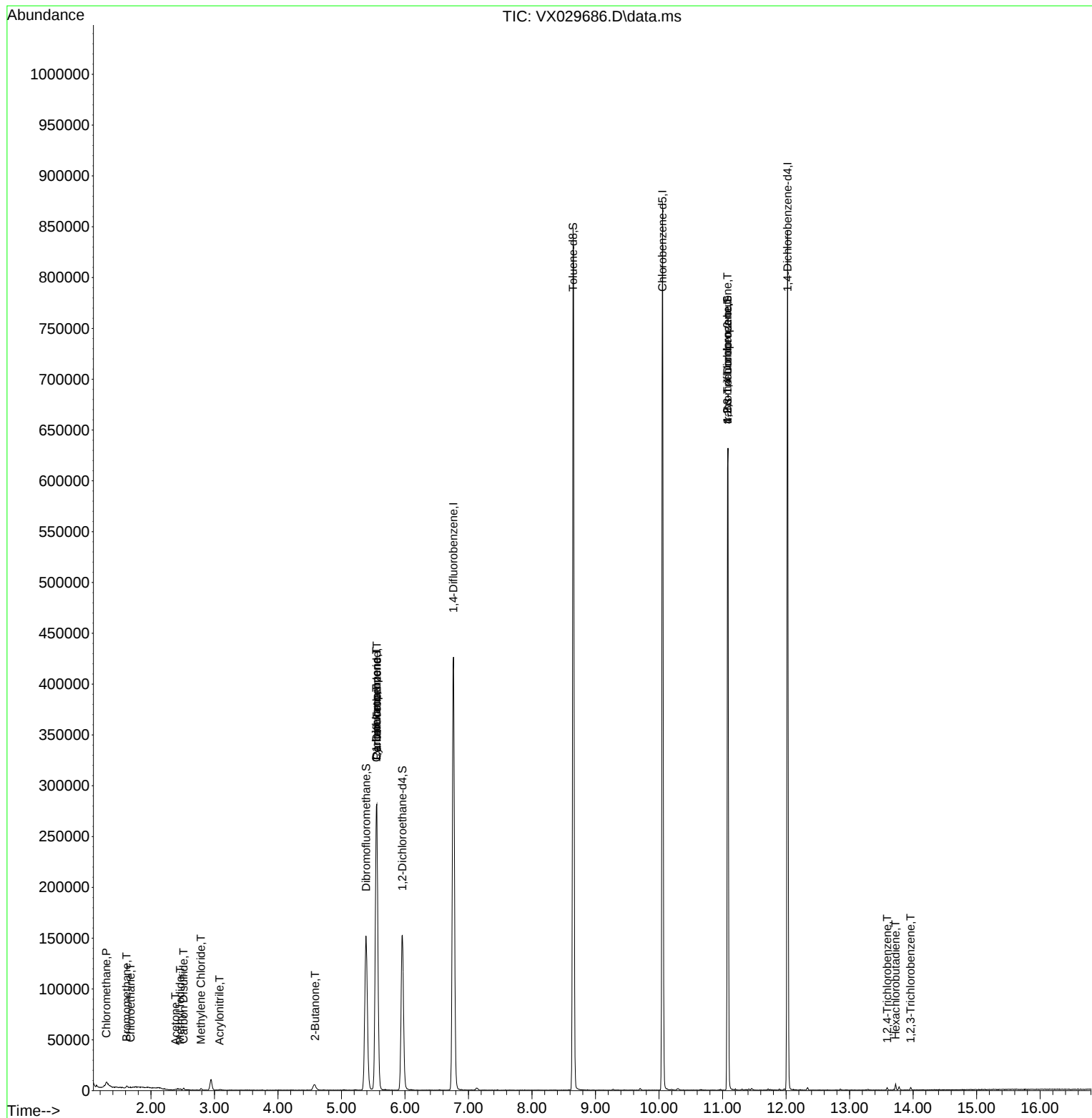
Internal Standards						
1) Pentafluorobenzene	5.556	168	276100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463181	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146705	40.140	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.280%		
35) Dibromofluoromethane	5.385	113	135541	44.904	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	89.800%		
50) Toluene-d8	8.646	98	520491	47.201	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.400%		
62) 4-Bromofluorobenzene	11.079	95	188016	45.213	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.420%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	1152	0.320	ug/l #	86
5) Bromomethane	1.617	94	837	0.495	ug/l #	80
6) Chloroethane	1.678	64	1221	1.750	ug/l #	43
10) Methyl Iodide	2.458	142	1233	3.368	ug/l #	95
11) Tert butyl alcohol	2.940	59	6015	Below Cal	#	72
15) Acrylonitrile	3.080	53	365	0.214	ug/l #	50
16) Acetone	2.385	43	777	0.533	ug/l #	81
17) Carbon Disulfide	2.513	76	2220	0.306	ug/l	98
20) Methylene Chloride	2.788	84	786	0.242	ug/l #	79
25) 2-Butanone	4.586	43	620	0.269	ug/l #	44
31) Cyclohexane	5.549	56	5049	1.029	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	19824	4.852	ug/l #	50
38) Carbon Tetrachloride	5.556	117	28100	6.994	ug/l #	15
44) Trichloroethene	7.134	130	1060	Below Cal		72
76) 1,2,3-Trichloropropane	11.079	75	88384	22.978	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	88384	76.441	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	744	0.216	ug/l	76
94) Hexachlorobutadiene	13.725	225	859	0.608	ug/l	89
96) 1,2,3-Trichlorobenzene	13.963	180	760	0.220	ug/l	93

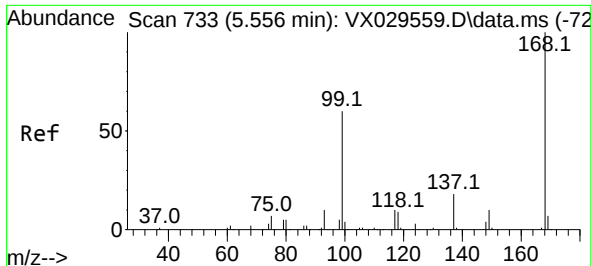
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

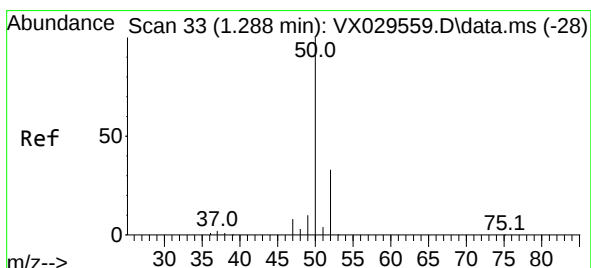
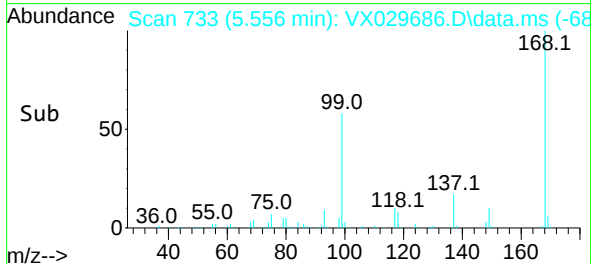
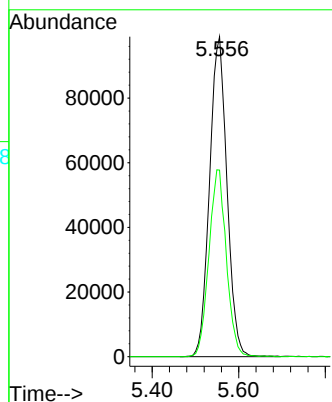
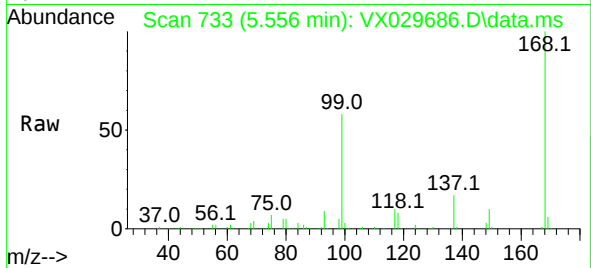




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

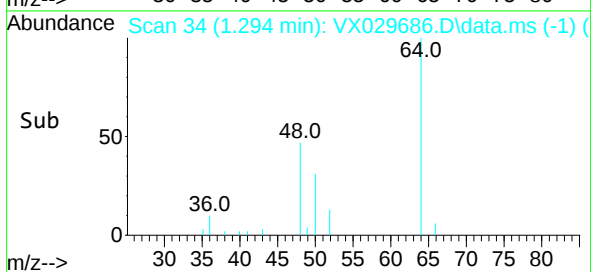
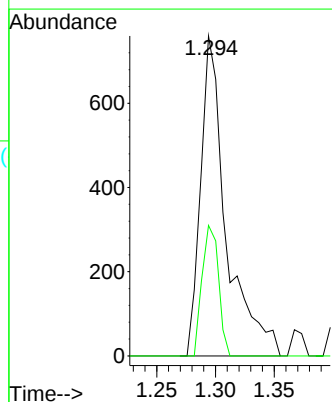
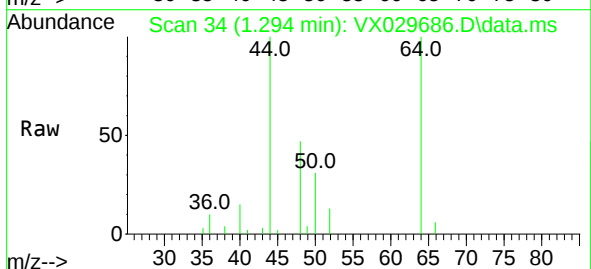
Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

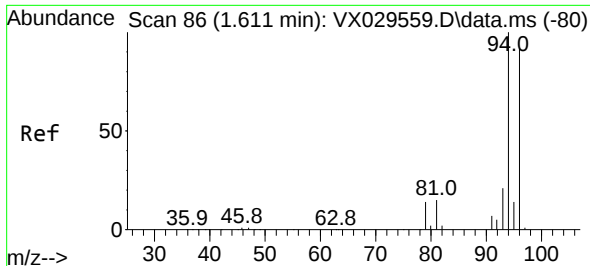
Tgt Ion:168 Resp: 276100
Ion Ratio Lower Upper
168 100
99 58.3 41.7 62.5



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Tgt Ion: 50 Resp: 1152
Ion Ratio Lower Upper
50 100
52 40.8 26.4 39.6#

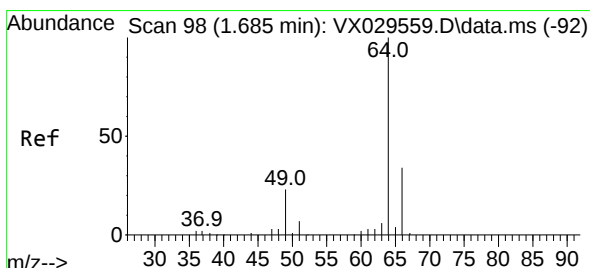
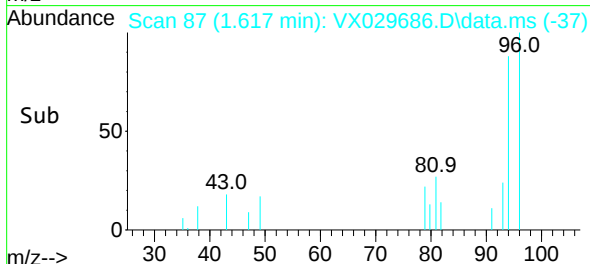
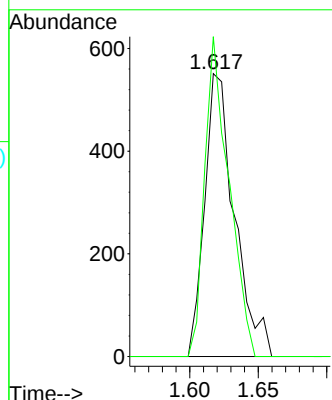
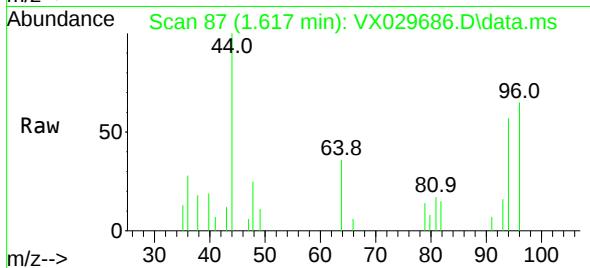




#5
Bromomethane
Concen: 0.495 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

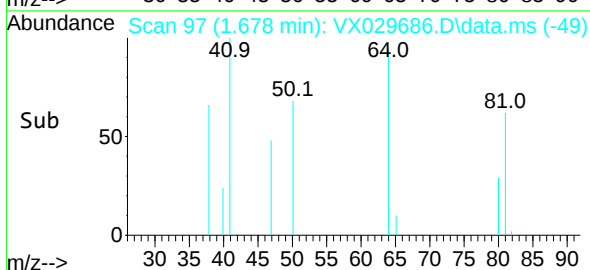
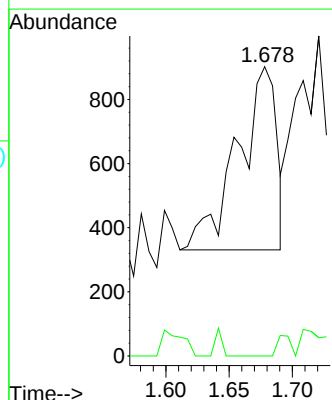
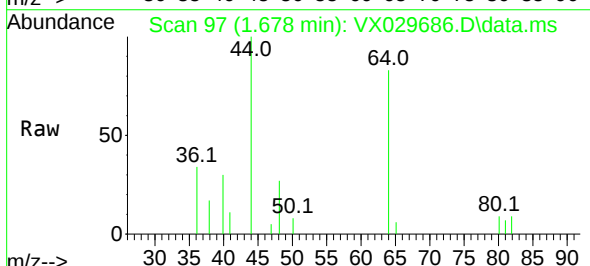
Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

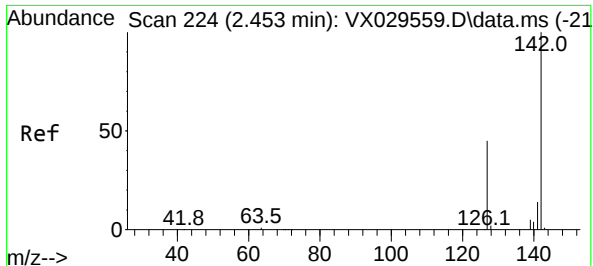
Tgt Ion: 94 Resp: 837
Ion Ratio Lower Upper
94 100
96 113.1 75.3 112.9#



#6
Chloroethane
Concen: 1.750 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

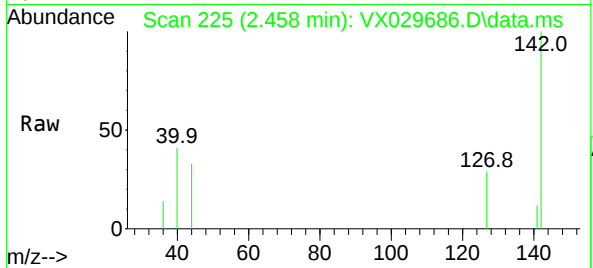
Tgt Ion: 64 Resp: 1221
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



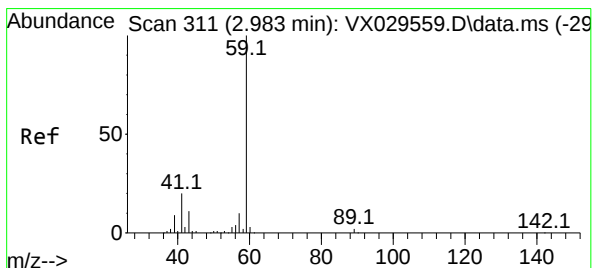
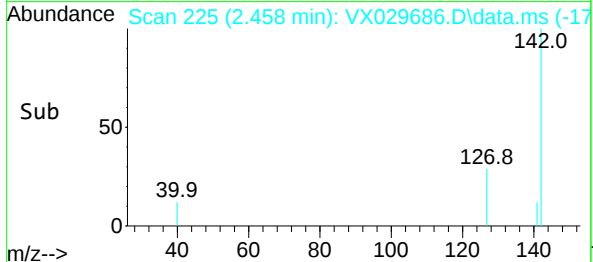
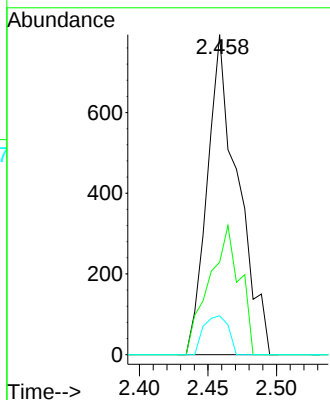


#10
Methyl Iodide
Concen: 3.368 ug/l
RT: 2.458 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

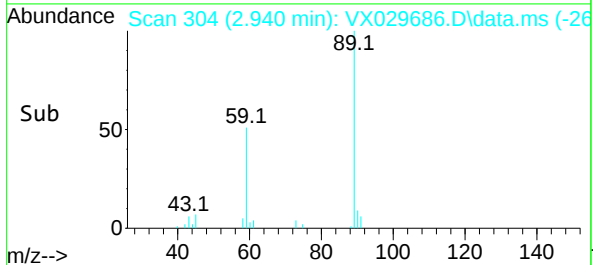
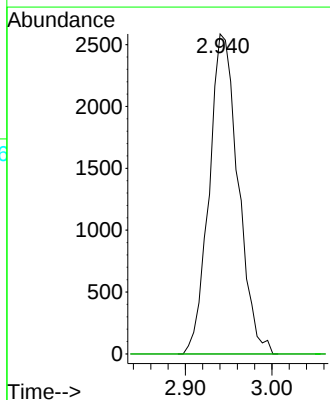
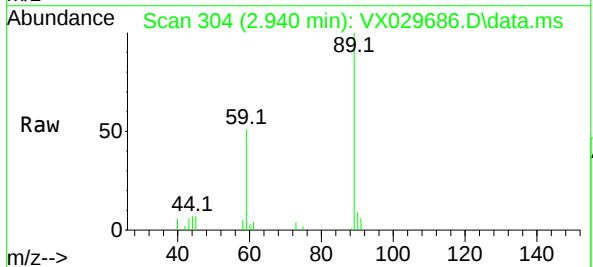


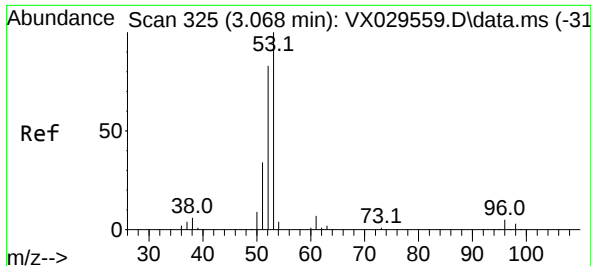
Tgt Ion:142 Resp: 1233
Ion Ratio Lower Upper
142 100
127 40.5 33.9 50.9
141 9.8 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Tgt Ion: 59 Resp: 6015
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#15

Acrylonitrile

Concen: 0.214 ug/l

RT: 3.080 min Scan# 31

Delta R.T. 0.012 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622MBL01

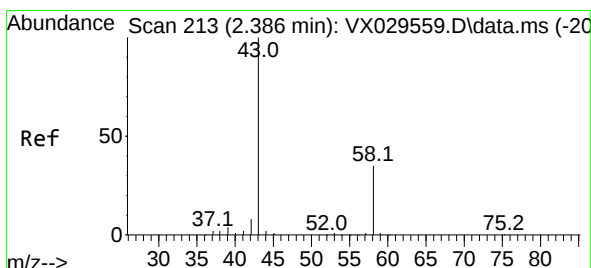
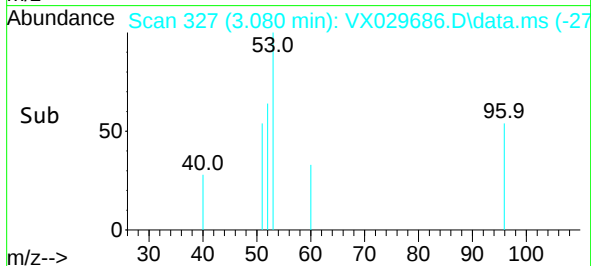
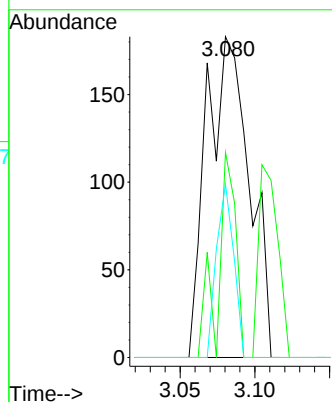
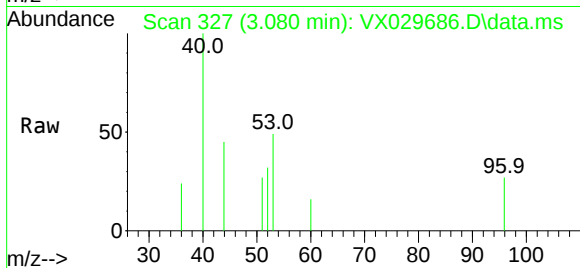
Tgt Ion: 53 Resp: 365

Ion Ratio Lower Upper

53 100

52 26.6 65.7 98.5#

51 21.6 28.4 42.6#



#16

Acetone

Concen: 0.533 ug/l

RT: 2.385 min Scan# 213

Delta R.T. -0.001 min

Lab File: VX029686.D

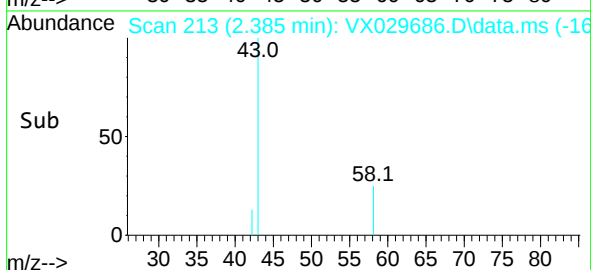
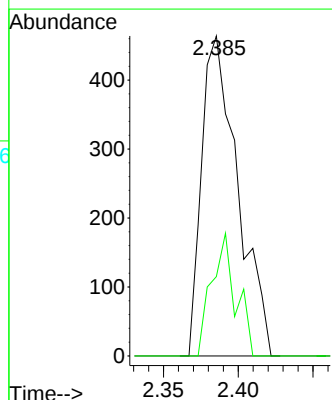
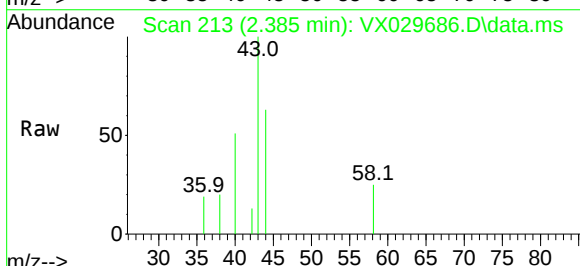
Acq: 22 Jun 2022 09:56

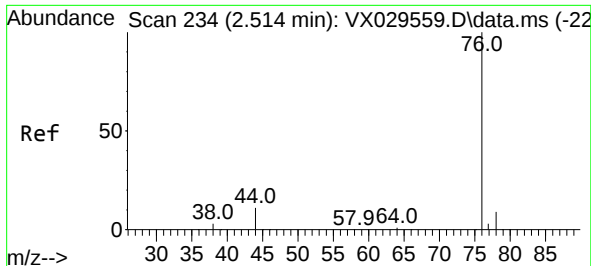
Tgt Ion: 43 Resp: 777

Ion Ratio Lower Upper

43 100

58 24.8 28.8 43.2#

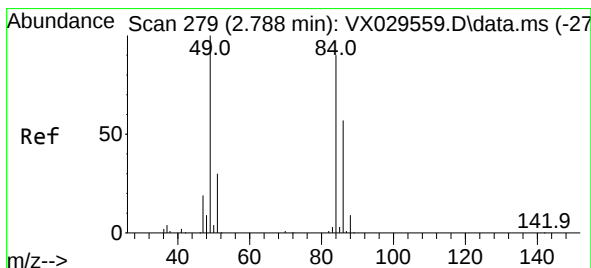
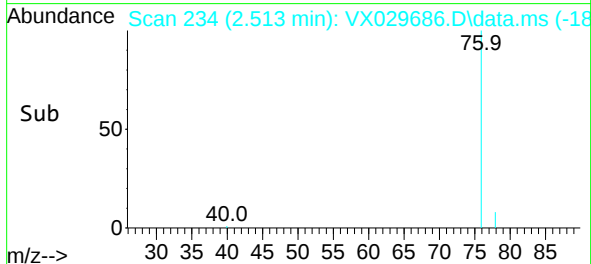
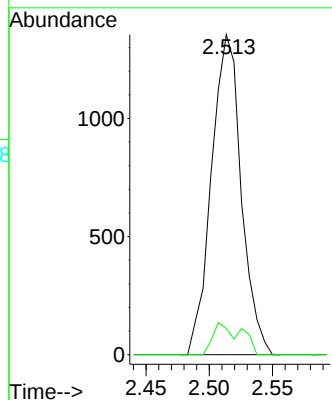
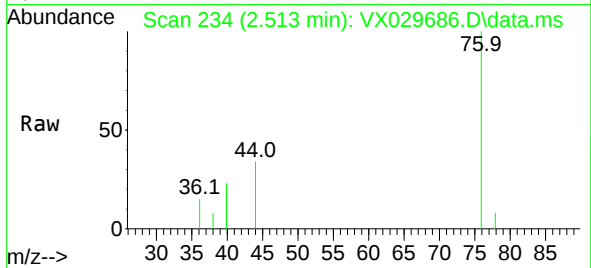




#17
Carbon Disulfide
Concen: 0.306 ug/l
RT: 2.513 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

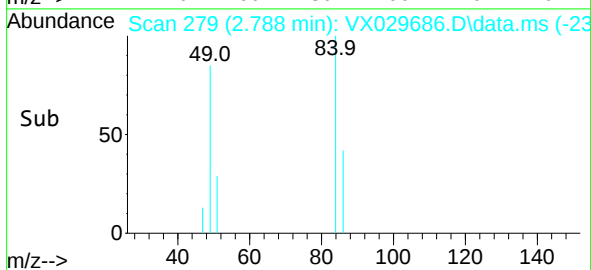
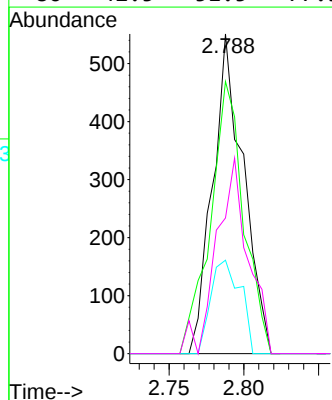
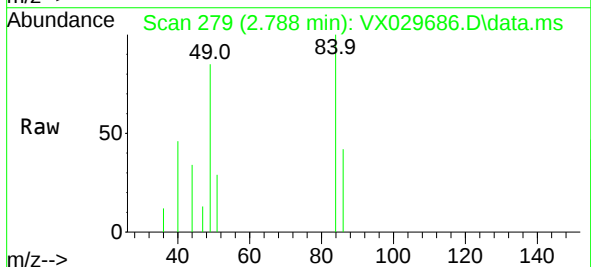
Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

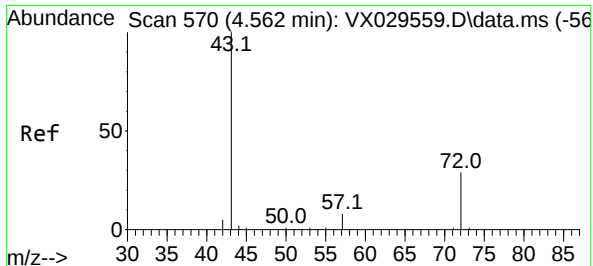
Tgt Ion: 76 Resp: 2220
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8



#20
Methylene Chloride
Concen: 0.242 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Tgt Ion: 84 Resp: 786
Ion Ratio Lower Upper
84 100
49 85.1 85.5 128.3#
51 29.2 26.6 39.8
86 42.5 51.5 77.3#





#25

2-Butanone

Concen: 0.269 ug/l

RT: 4.586 min Scan# 51

Delta R.T. 0.024 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

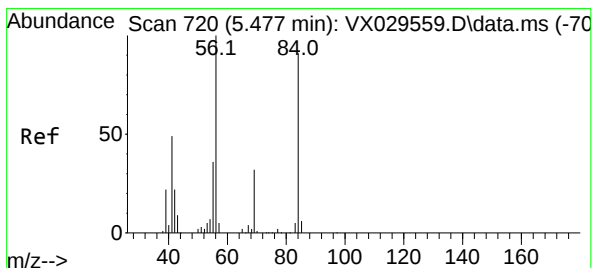
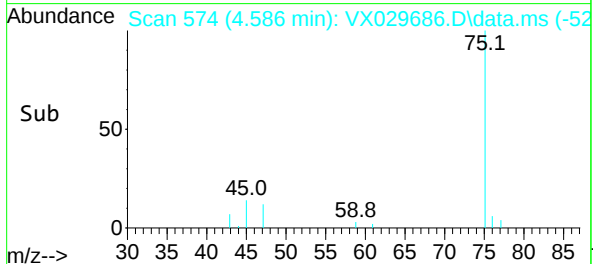
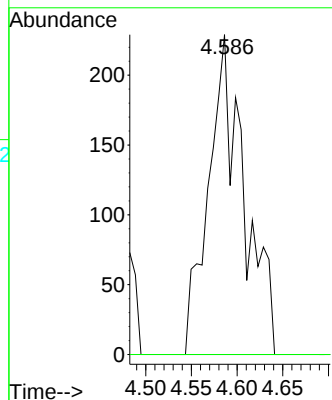
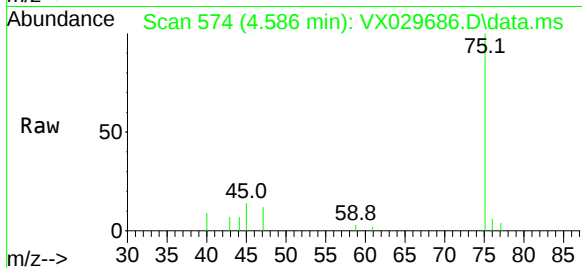
VX0622MBL01

Tgt Ion: 43 Resp: 620

Ion Ratio Lower Upper

43 100

72 0.0 24.4 36.6#



#31

Cyclohexane

Concen: 1.029 ug/l

RT: 5.549 min Scan# 732

Delta R.T. 0.072 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

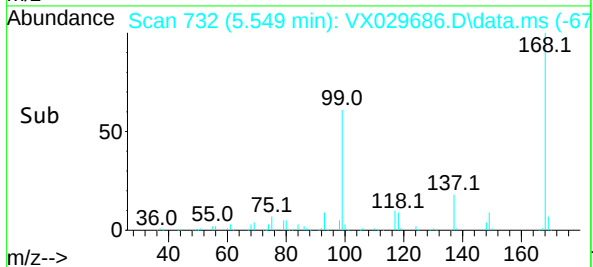
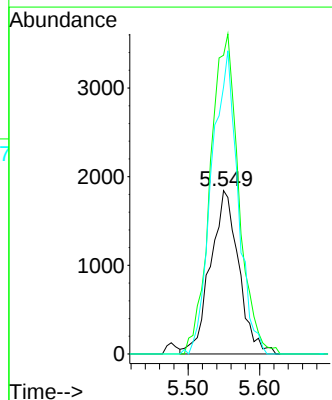
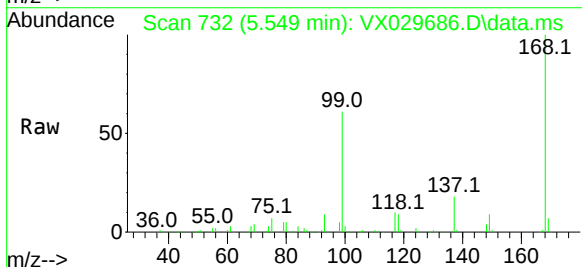
Tgt Ion: 56 Resp: 5049

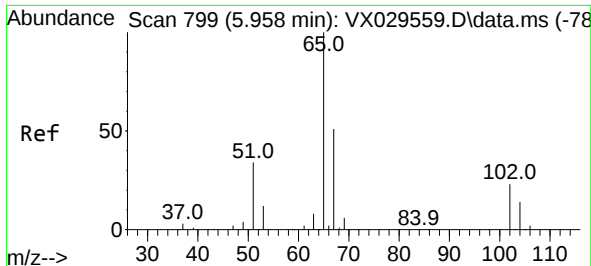
Ion Ratio Lower Upper

56 100

69 182.8 26.7 40.1#

84 163.4 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 40.140 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

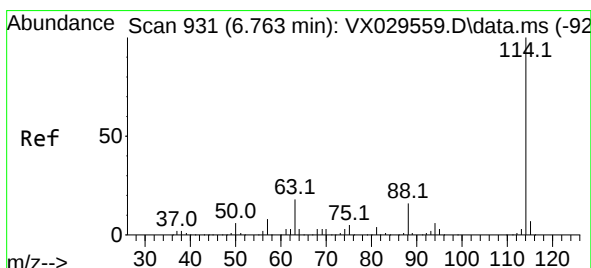
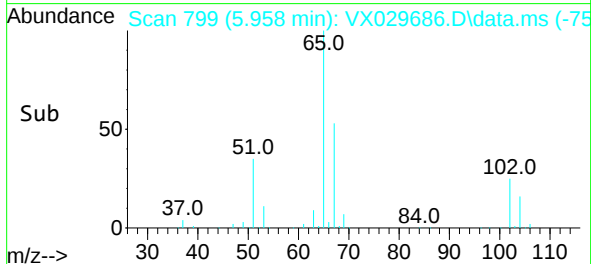
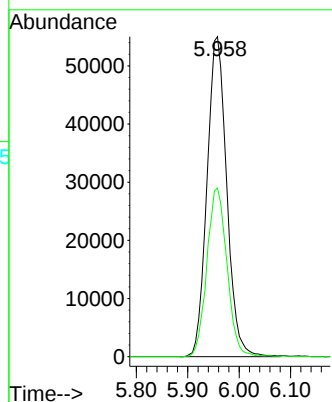
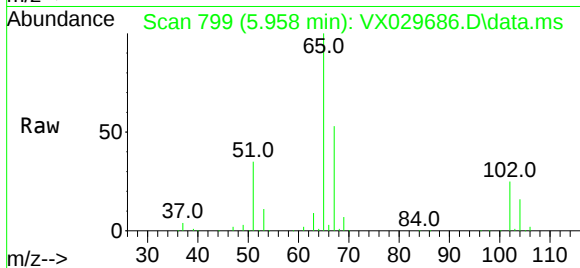
VX0622MBL01

Tgt Ion: 65 Resp: 146705

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

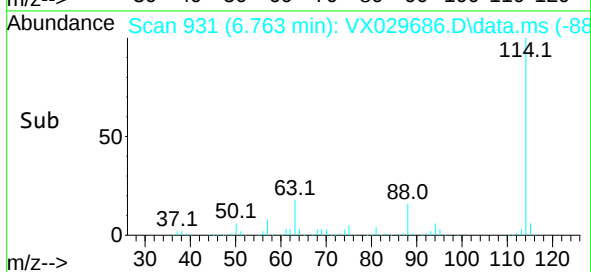
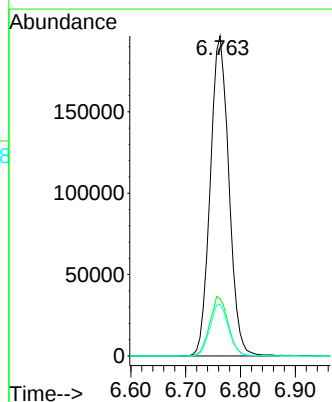
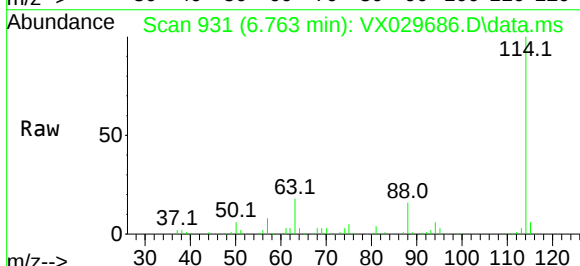
Tgt Ion: 114 Resp: 463181

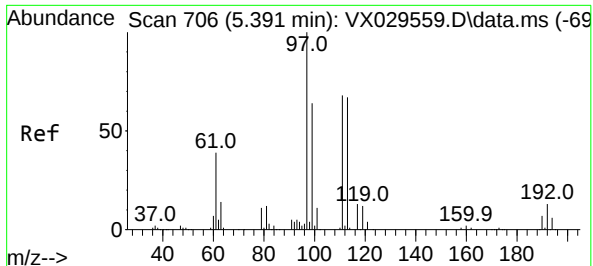
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 44.904 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

Instrument :

MSVOA_X

ClientSampleId :

VX0622MBL01

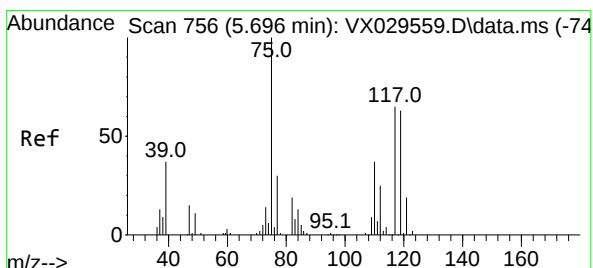
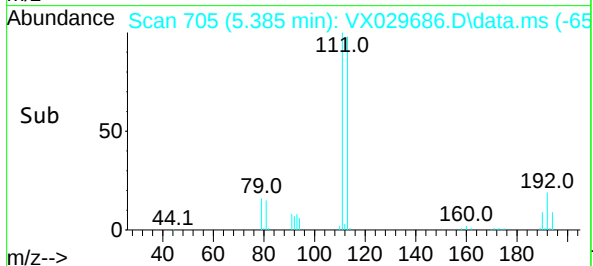
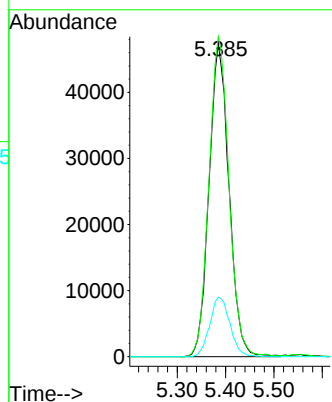
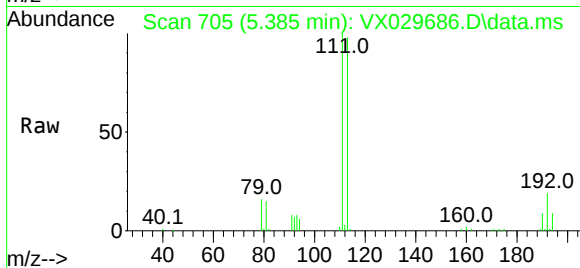
Tgt Ion:113 Resp: 135541

Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 19.3 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.852 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

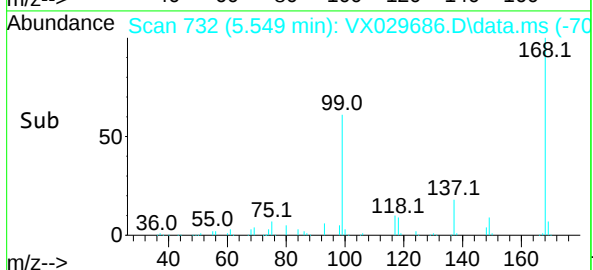
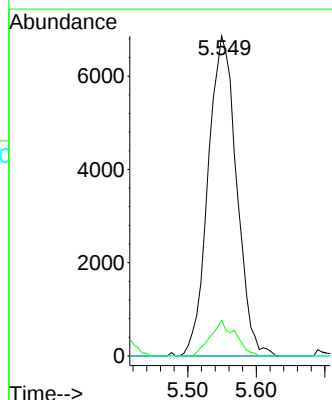
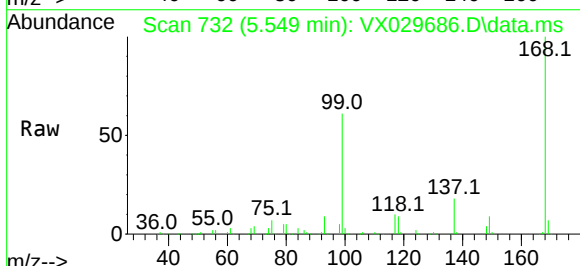
Tgt Ion: 75 Resp: 19824

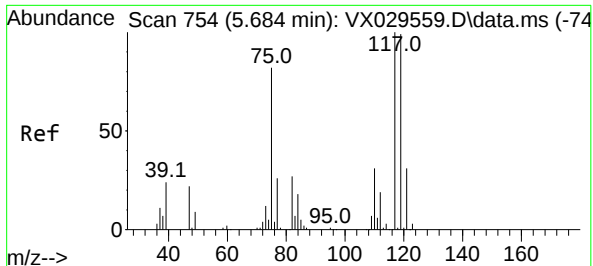
Ion Ratio Lower Upper

75 100

110 9.8 18.3 54.8#

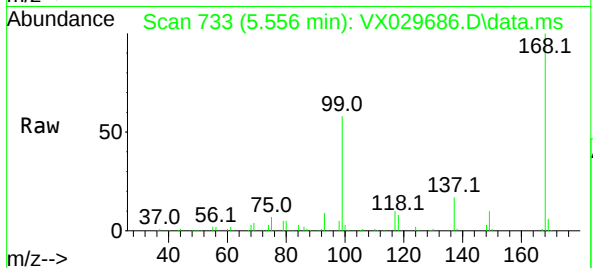
77 0.0 24.8 37.2#



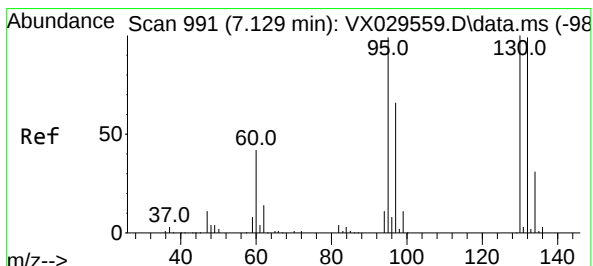
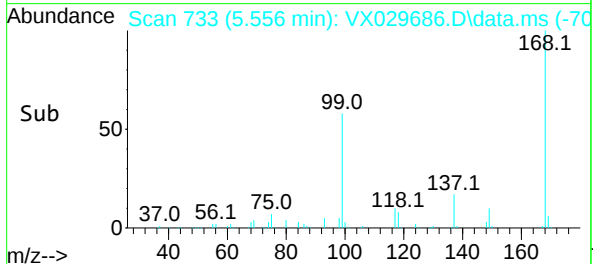
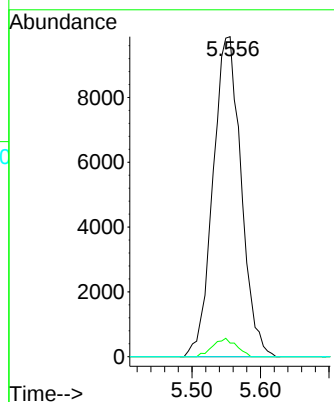


#38
Carbon Tetrachloride
Concen: 6.994 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

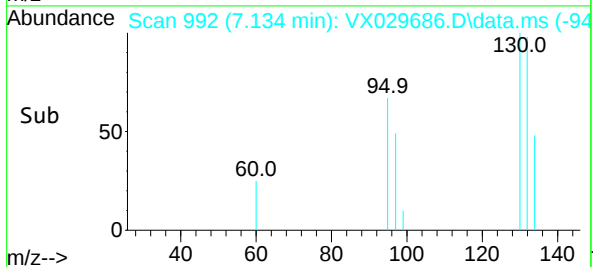
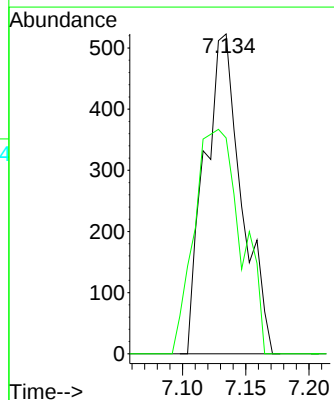
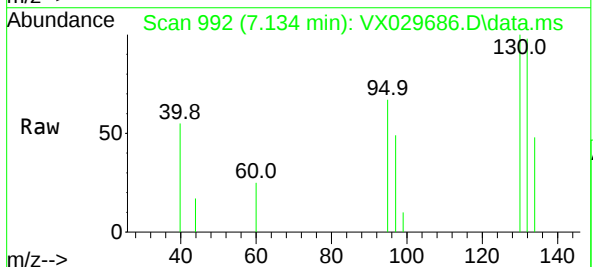


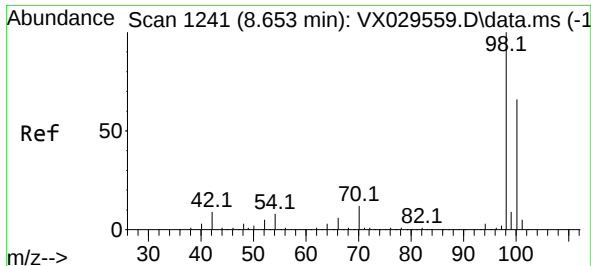
Tgt Ion:117 Resp: 28100
Ion Ratio Lower Upper
117 100
119 4.3 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.134 min Scan# 992
Delta R.T. 0.005 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Tgt Ion:130 Resp: 1060
Ion Ratio Lower Upper
130 100
95 67.5 0.0 188.8

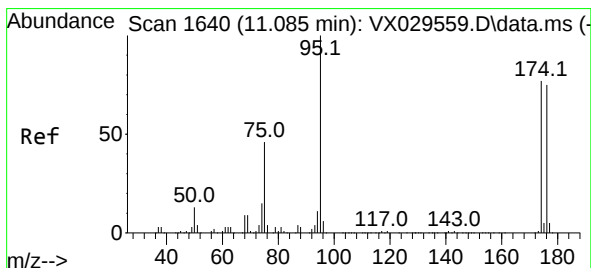
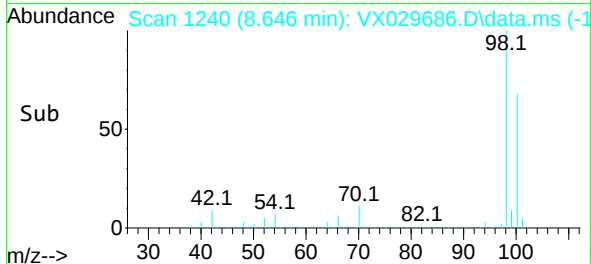
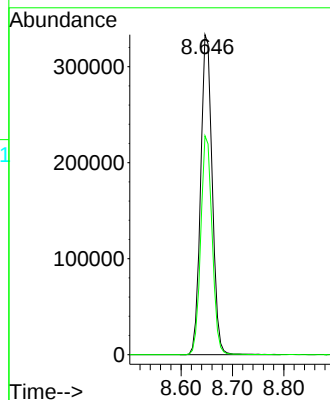
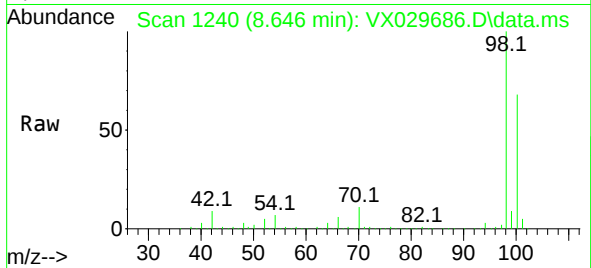




#50
Toluene-d8
Concen: 47.201 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

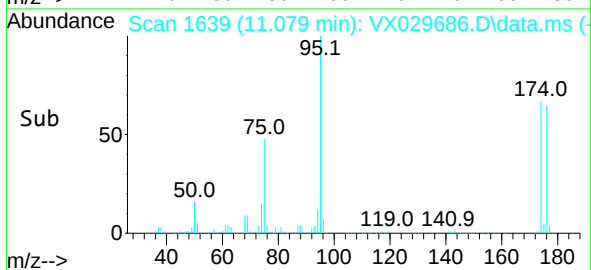
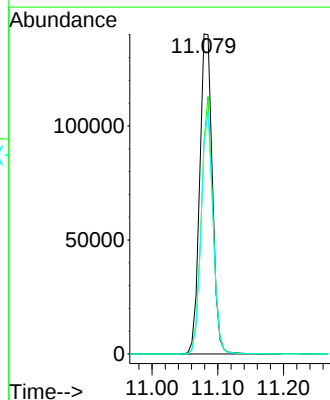
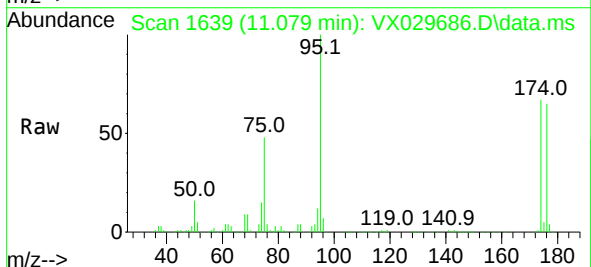
Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

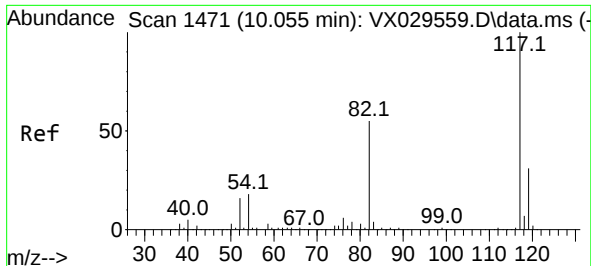
Tgt Ion: 98 Resp: 520491
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Tgt Ion: 95 Resp: 188016
Ion Ratio Lower Upper
95 100
174 73.9 0.0 163.0
176 71.0 0.0 155.0

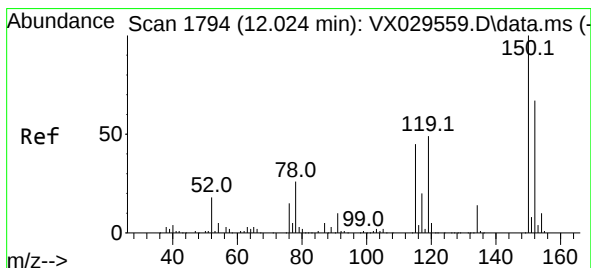
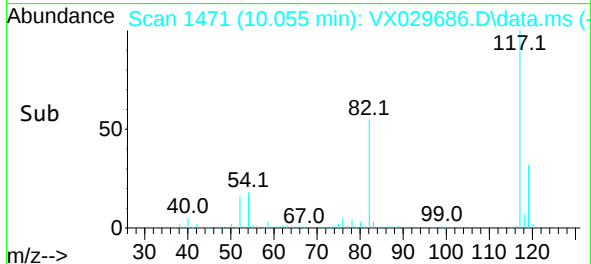
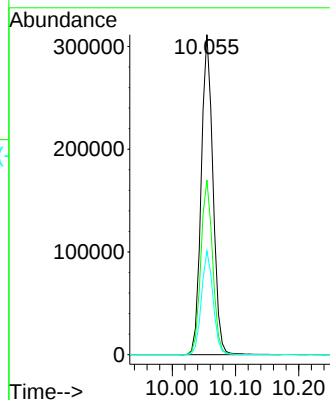
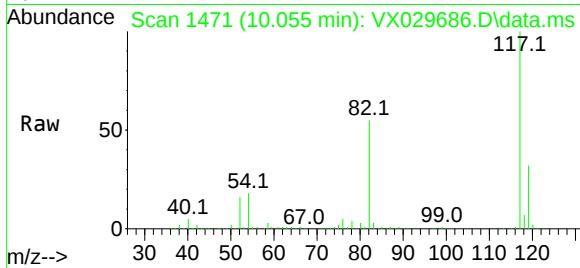




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

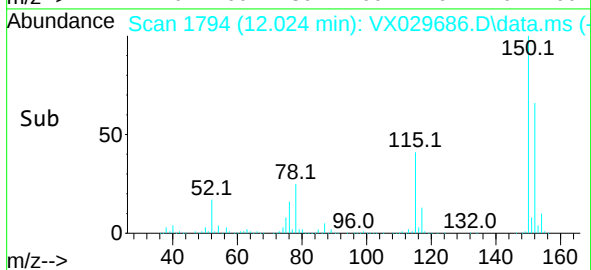
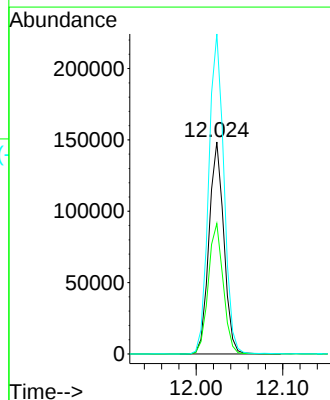
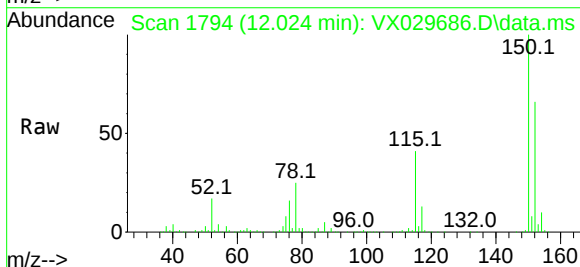
Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

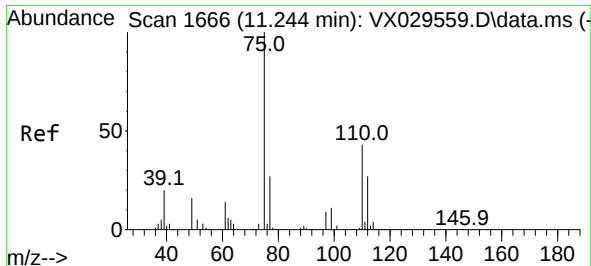
Tgt Ion:117 Resp: 403772
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Tgt Ion:152 Resp: 176568
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 154.9 0.0 338.2

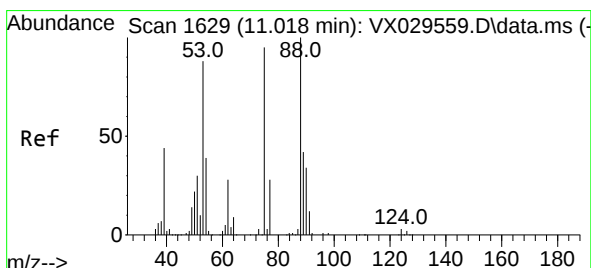
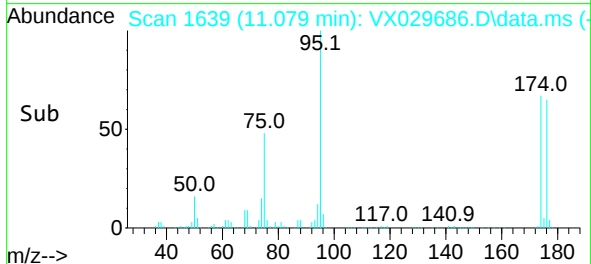
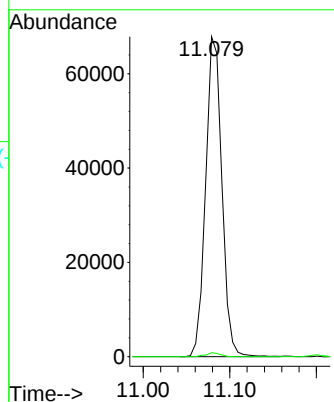
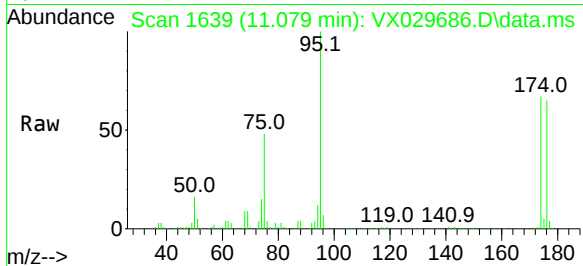




#76
1,2,3-Trichloropropane
Concen: 22.978 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

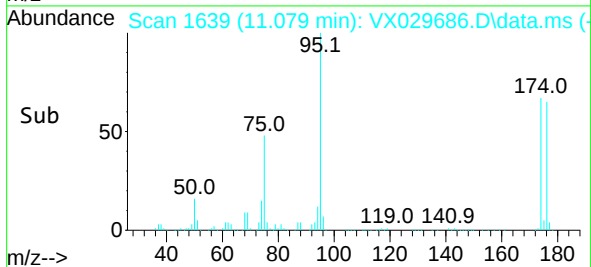
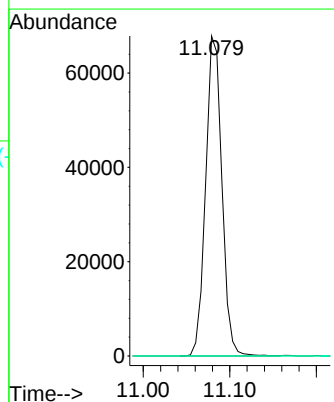
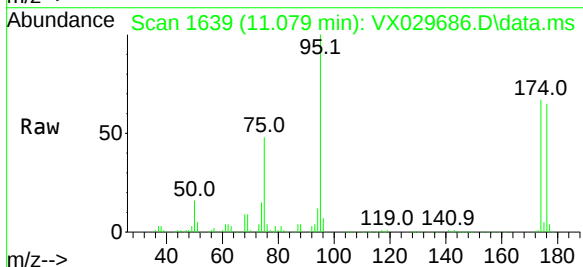
Instrument :
MSVOA_X
ClientSampleId :
VX0622MBL01

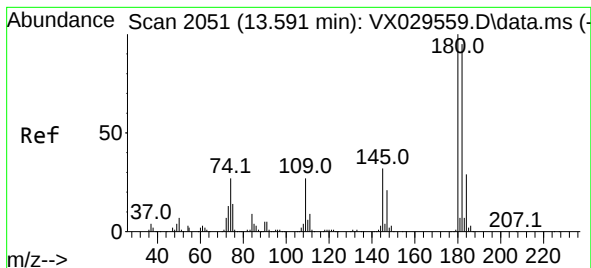
Tgt Ion: 75 Resp: 88384
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029686.D
Acq: 22 Jun 2022 09:56

Tgt Ion: 75 Resp: 88384
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#93

1,2,4-Trichlorobenzene

Concen: 0.216 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

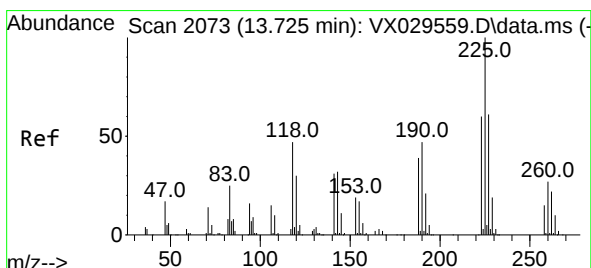
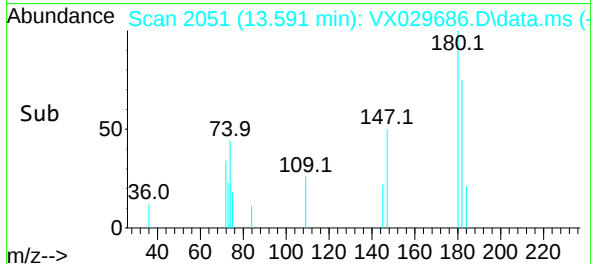
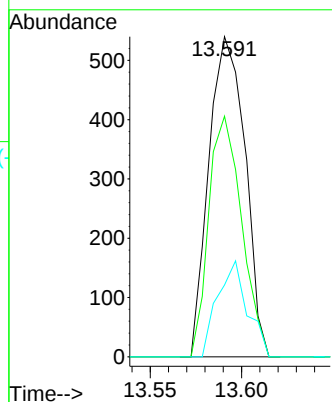
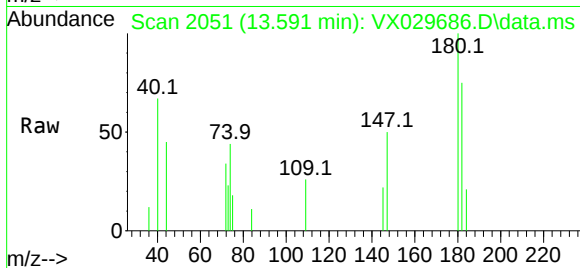
Instrument :

MSVOA_X

ClientSampleId :

VX0622MBL01

Tgt Ion:180	Resp:	744
Ion	Ratio	Lower Upper
180	100	
182	68.4	47.7 143.1
145	24.7	15.2 45.5



#94

Hexachlorobutadiene

Concen: 0.608 ug/l

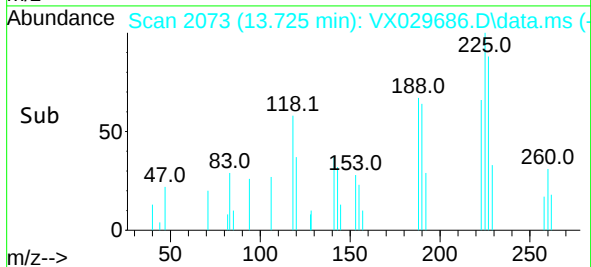
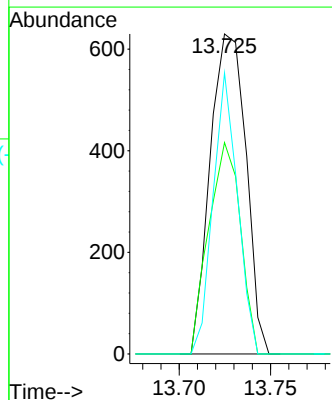
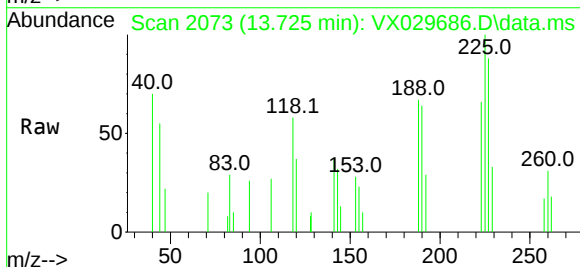
RT: 13.725 min Scan# 2073

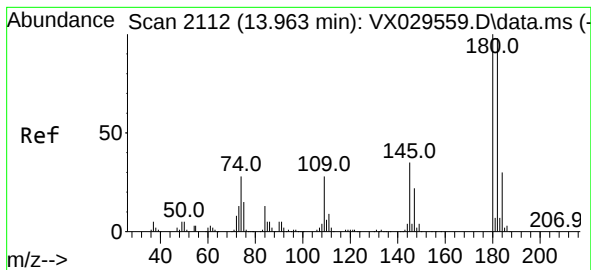
Delta R.T. -0.000 min

Lab File: VX029686.D

Acq: 22 Jun 2022 09:56

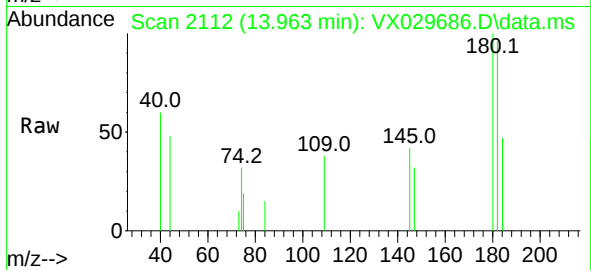
Tgt Ion:225	Resp:	859
Ion	Ratio	Lower Upper
225	100	
223	58.4	34.2 102.5
227	60.0	33.9 101.7





#96
 1,2,3-Trichlorobenzene
 Concen: 0.220 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029686.D
 Acq: 22 Jun 2022 09:56

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622MBL01



Tgt Ion:	180	Resp:	760
Ion	Ratio	Lower	Upper
180	100		
182	107.6	50.0	149.8
145	34.6	16.2	48.5

