

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011423\
 Data File : VX033720.D
 Acq On : 13 Jan 2023 14:17
 Operator : JC/MD
 Sample : VX0114MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 05:36:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

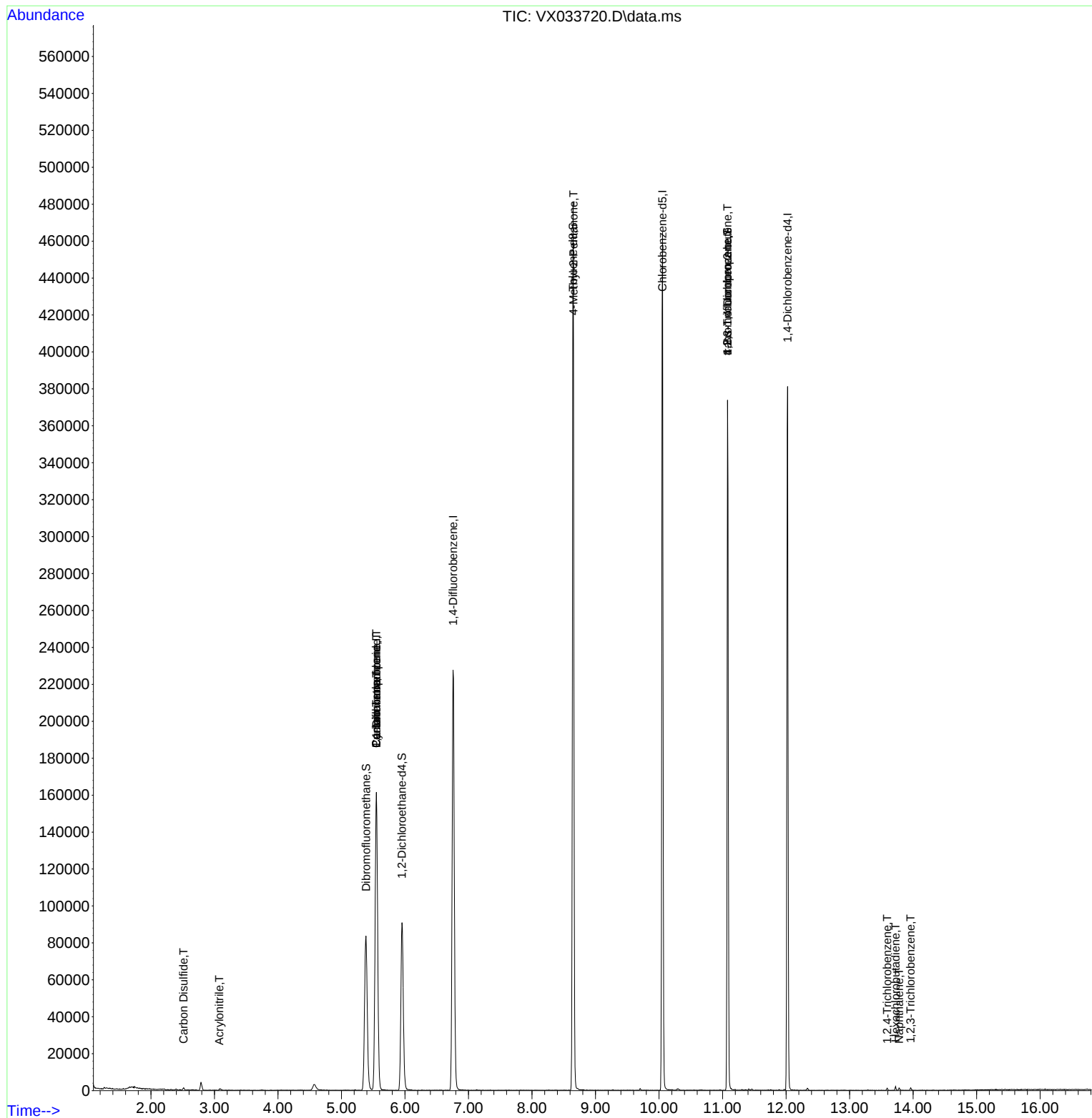
Internal Standards						
1) Pentafluorobenzene	5.550	168	165924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	241960	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	87141	49.880	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.760%
35) Dibromofluoromethane	5.385	113	74314	49.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.920%
50) Toluene-d8	8.647	98	278039	50.791	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.580%
62) 4-Bromofluorobenzene	11.079	95	96242	47.352	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.700%
Target Compounds						
					Qvalue	
15) Acrylonitrile	3.075	53	236	0.295	ug/l #	82
16) Acetone	2.398	43	701	Below Cal	#	79
17) Carbon Disulfide	2.514	76	1492	2.243	ug/l #	90
20) Methylene Chloride	2.788	84	1824	Below Cal		95
31) Cyclohexane	5.550	56	2872	1.117	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10884	4.964	ug/l #	49
37) Ethyl Acetate	4.605	43	111	Below Cal	#	56
38) Carbon Tetrachloride	5.550	117	14996	6.603	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1321	0.621	ug/l #	1
73) Isopropylbenzene	10.963	105	210	Below Cal	#	48
76) 1,2,3-Trichloropropane	11.079	75	46307	30.572	ug/l #	34
77) Bromobenzene	11.201	156	104	Below Cal		79
79) 2-Chlorotoluene	11.366	91	206	Below Cal		90
81) trans-1,4-Dichloro-2-b...	11.079	75	46307	95.015	ug/l #	8
82) 4-Chlorotoluene	11.366	91	206	Below Cal		81
93) 1,2,4-Trichlorobenzene	13.591	180	452	0.250	ug/l	96
94) Hexachlorobutadiene	13.725	225	375	0.423	ug/l	99
95) Naphthalene	13.780	128	1230	0.236	ug/l #	85
96) 1,2,3-Trichlorobenzene	13.963	180	492	0.272	ug/l	92

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

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Operator : JC/MD
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Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

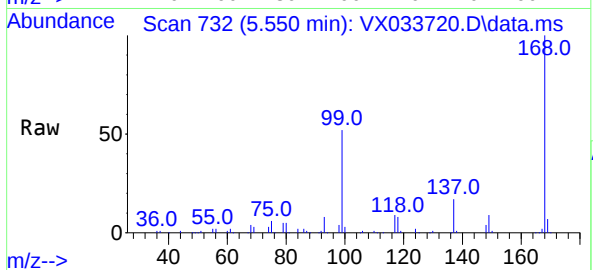
Quant Time: Jan 16 05:36:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
Response via : Initial Calibration



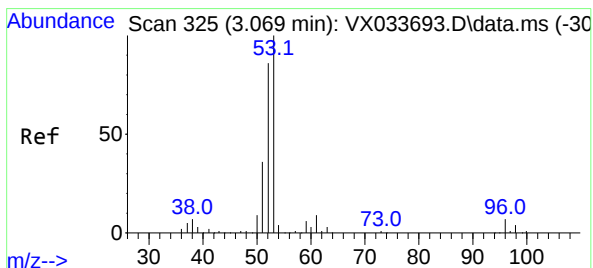
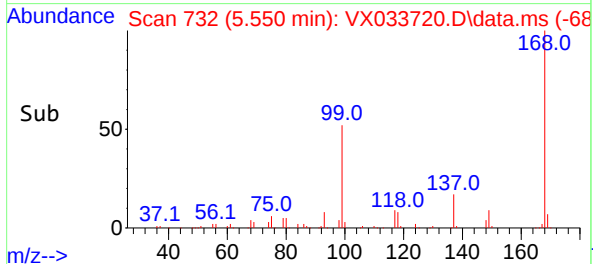
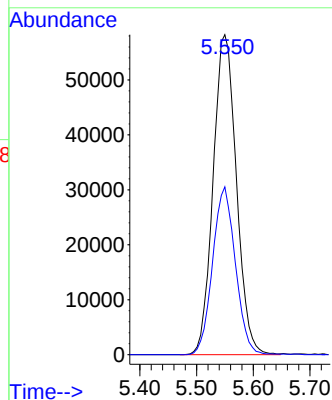


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :

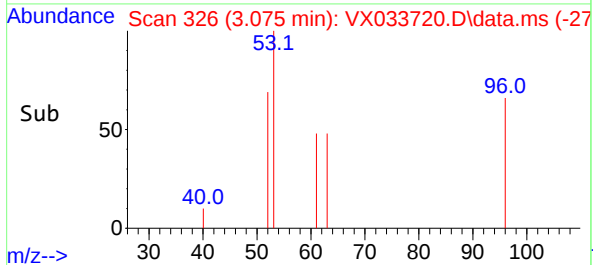
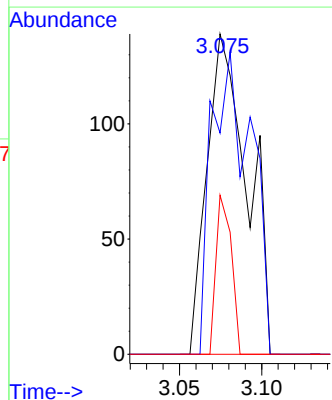
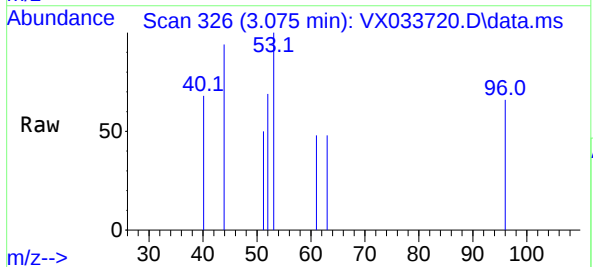


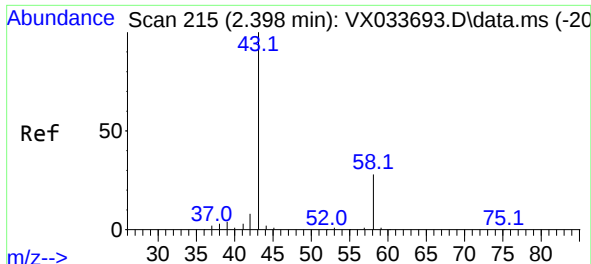
Tgt Ion:168 Resp: 165924
Ion Ratio Lower Upper
168 100
99 52.4 39.6 59.4



#15
Acrylonitrile
Concen: 0.295 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.006 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Tgt Ion: 53 Resp: 236
Ion Ratio Lower Upper
53 100
52 93.2 65.7 98.5
51 19.1 29.0 43.4#

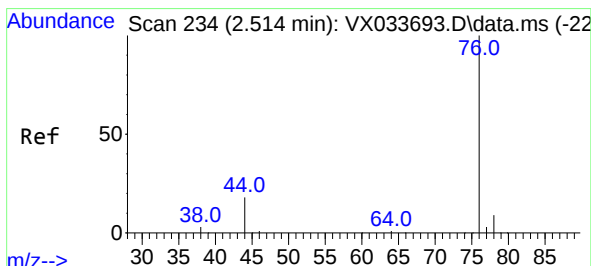
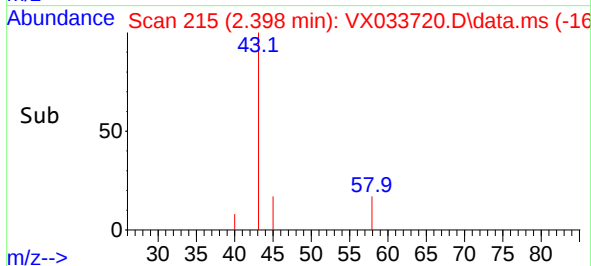
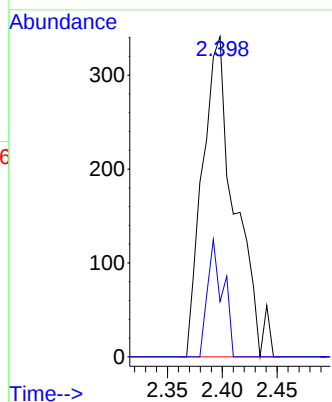
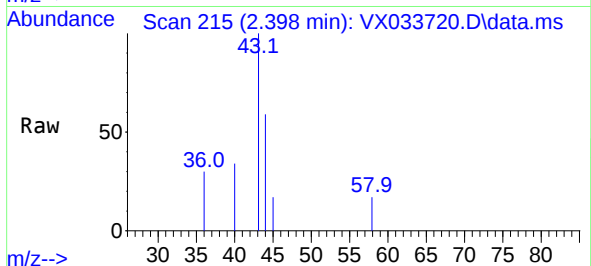




#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

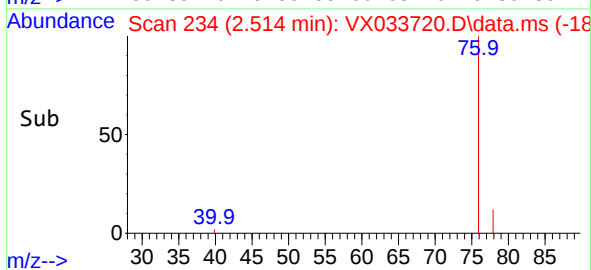
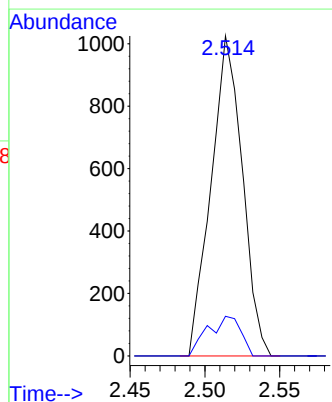
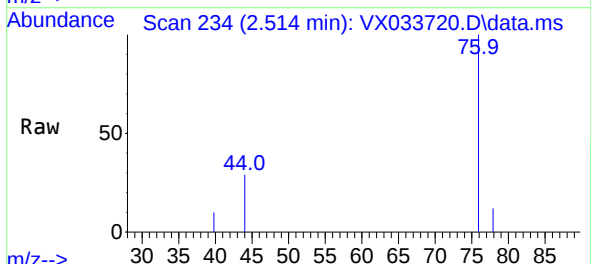
Instrument :
MSVOA_X
ClientSampleId :

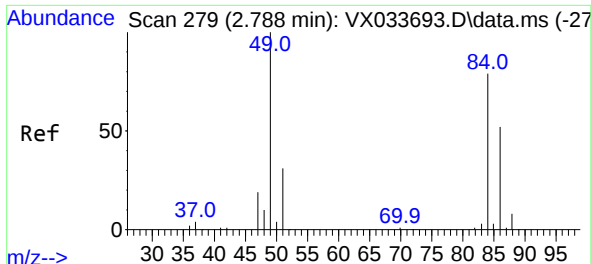
Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 17.3 22.6 33.8#



#17
Carbon Disulfide
Concen: 2.243 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

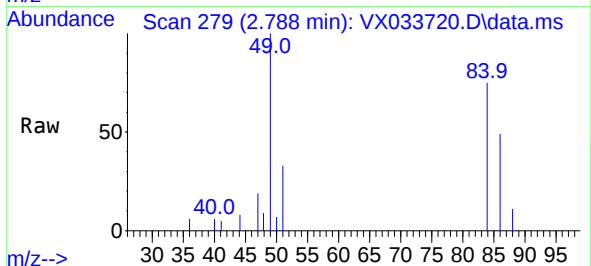
Tgt Ion: 76 Resp: 1492
Ion Ratio Lower Upper
76 100
78 12.4 7.0 10.6#





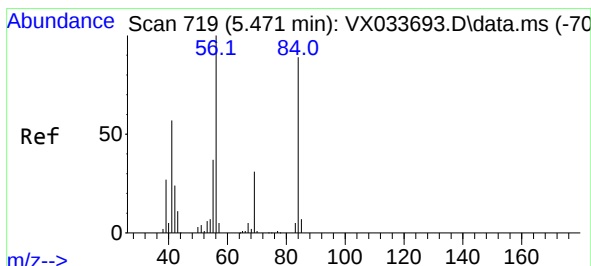
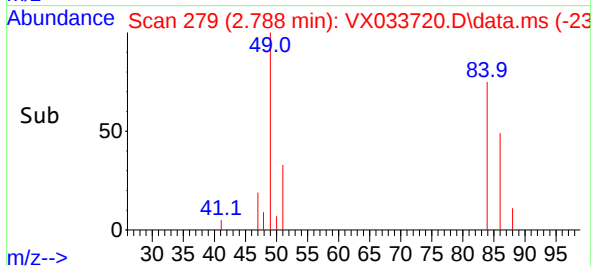
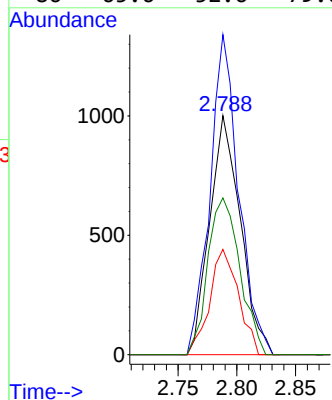
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1824

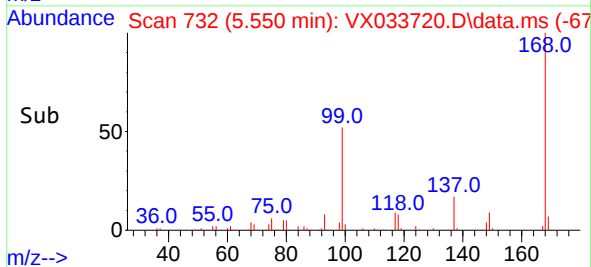
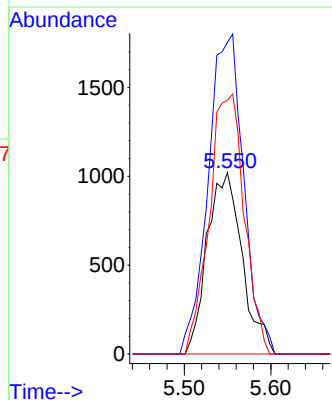
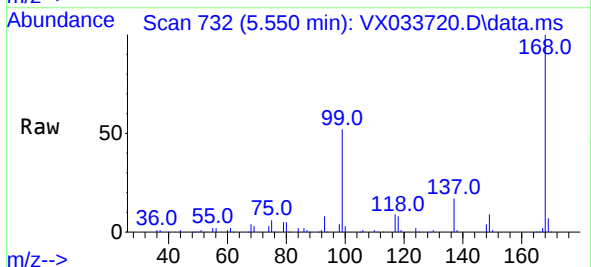
Ion	Ratio	Lower	Upper
84	100		
49	133.9	101.1	151.7
51	44.1	31.0	46.6
86	65.6	52.6	79.0

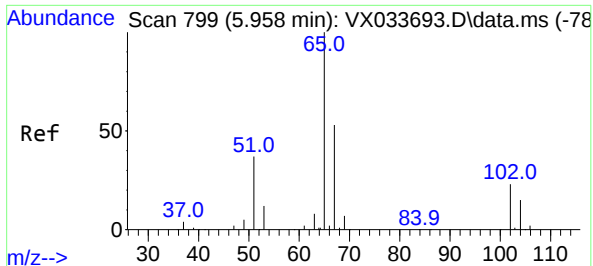


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Tgt Ion: 56 Resp: 2872

Ion	Ratio	Lower	Upper
56	100		
69	171.9	24.6	37.0#
84	139.9	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 49.880 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033720.D

Acq: 13 Jan 2023 14:17

Instrument :

MSVOA_X

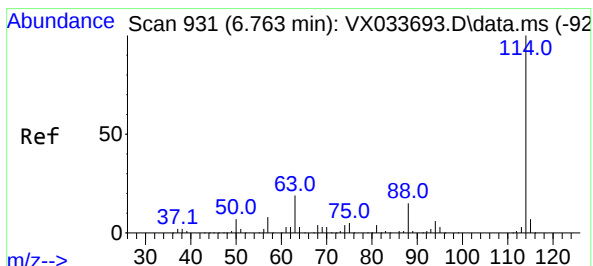
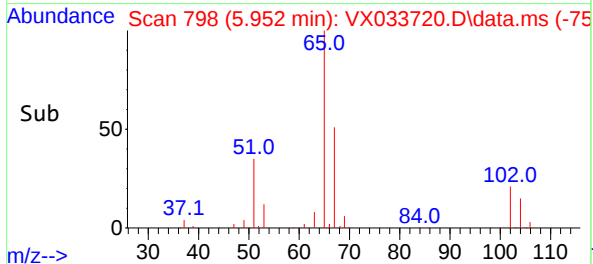
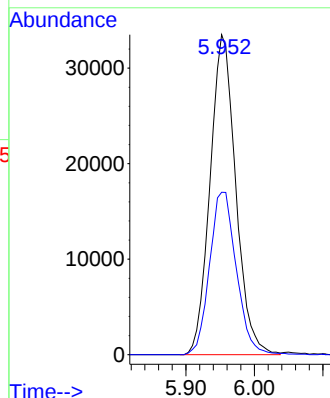
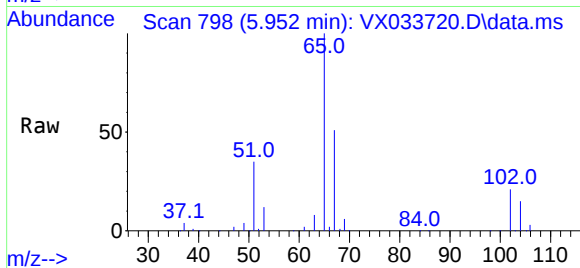
ClientSampleId :

Tgt Ion: 65 Resp: 87141

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033720.D

Acq: 13 Jan 2023 14:17

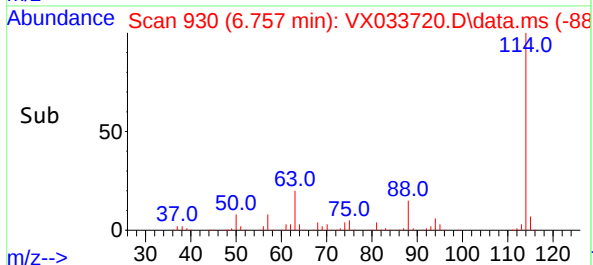
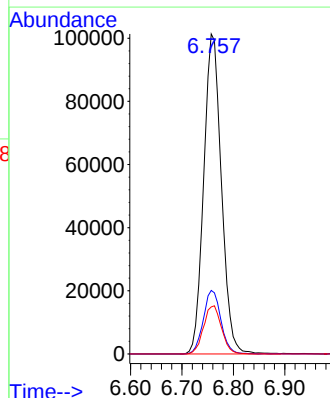
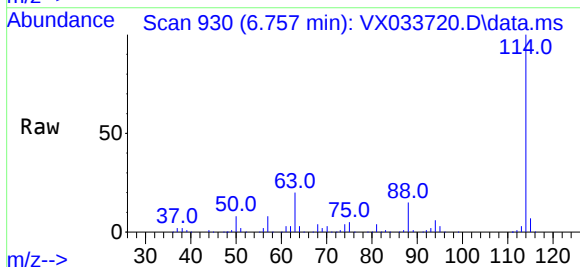
Tgt Ion: 114 Resp: 241960

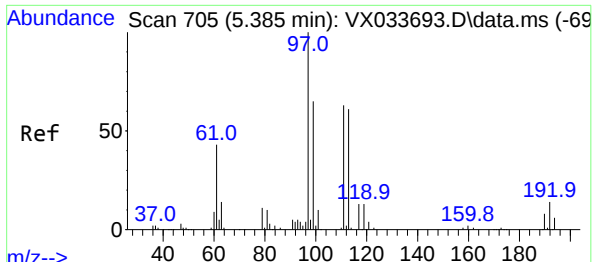
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

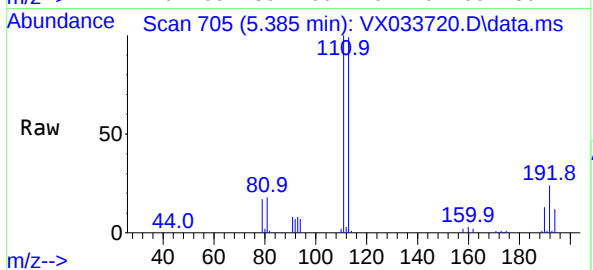
88 14.7 0.0 30.6





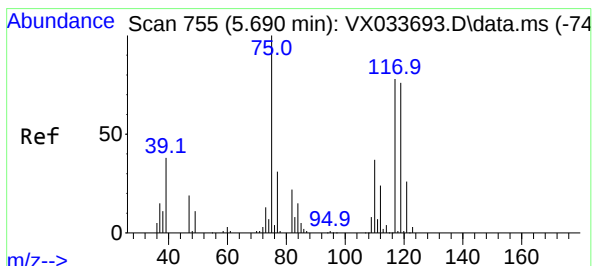
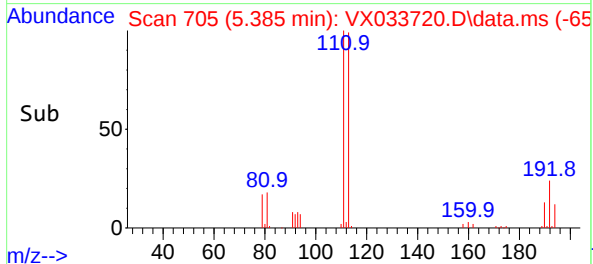
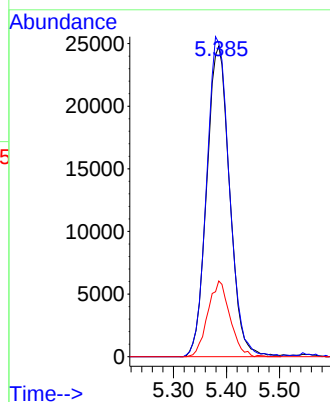
#35
Dibromofluoromethane
Concen: 49.462 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:113 Resp: 74314

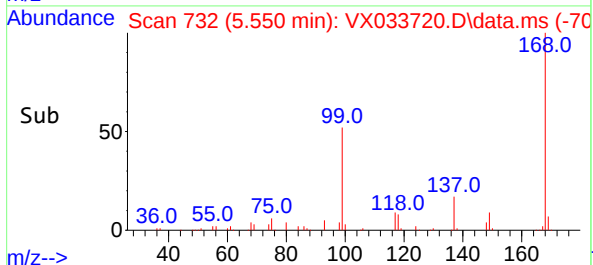
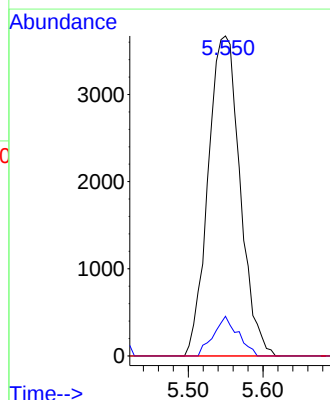
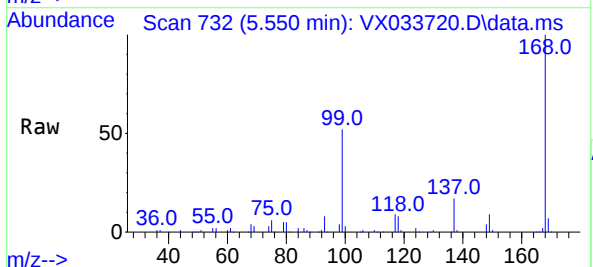
Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.0	124.6
192	23.5	19.0	28.4

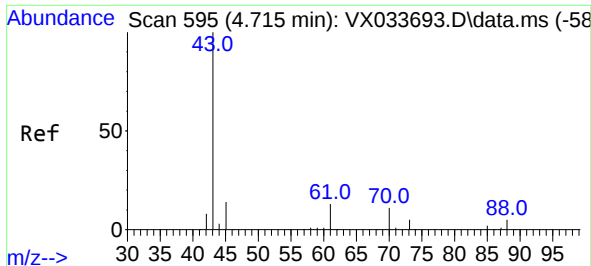


#36
1,1-Dichloropropene
Concen: 4.964 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Tgt Ion: 75 Resp: 10884

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.8	56.4#
77	0.0	25.1	37.7#

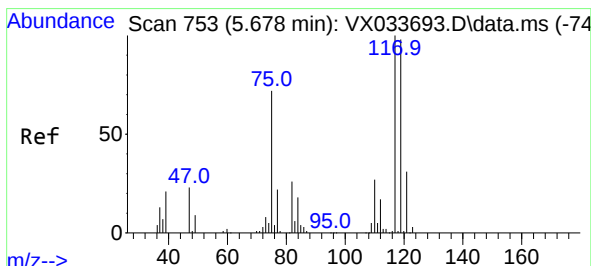
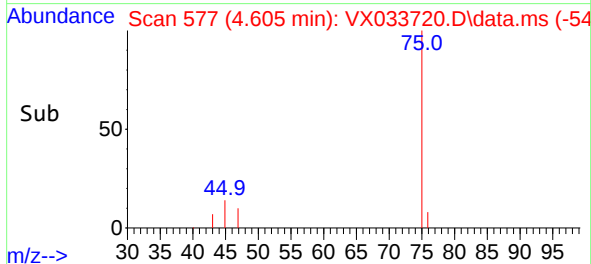
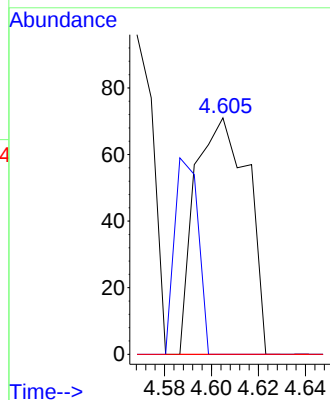
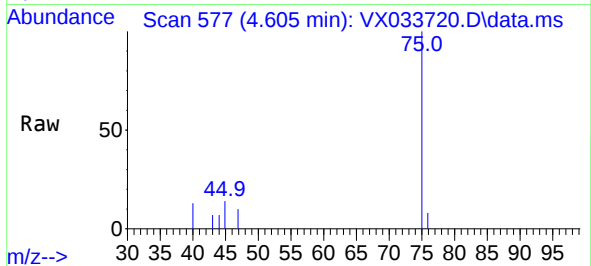




#37
Ethyl Acetate
Concen: Below Cal
RT: 4.605 min Scan# 51
Delta R.T. -0.110 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

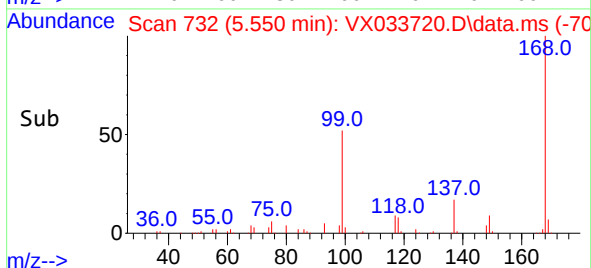
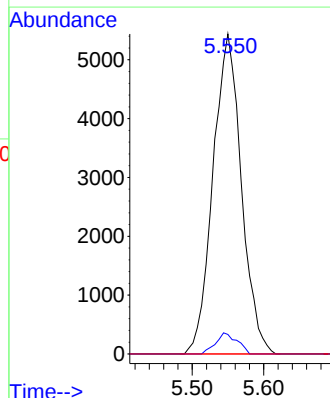
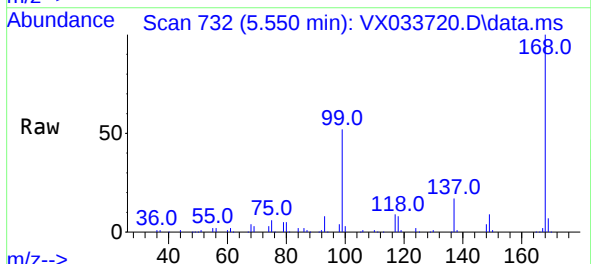
Instrument :
MSVOA_X
ClientSampleId :

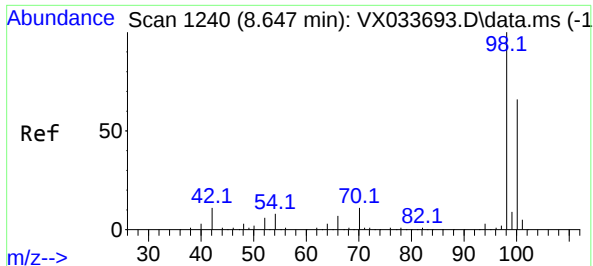
Tgt Ion: 43 Resp: 111
Ion Ratio Lower Upper
43 100
61 36.9 11.1 16.7#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.603 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Tgt Ion: 117 Resp: 14996
Ion Ratio Lower Upper
117 100
119 6.1 78.0 117.0#
121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 50.791 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033720.D

Acq: 13 Jan 2023 14:17

Instrument :

MSVOA_X

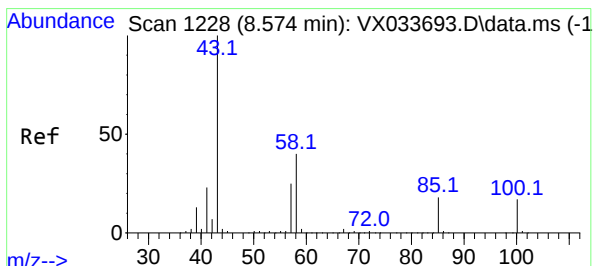
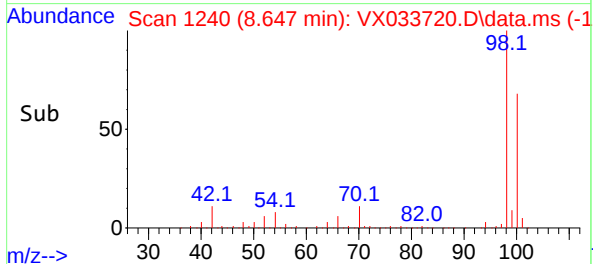
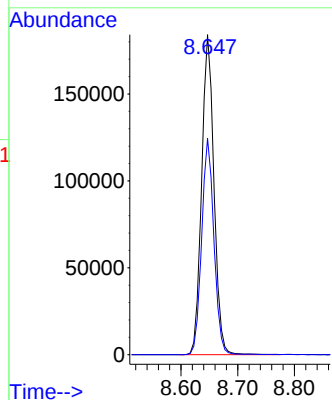
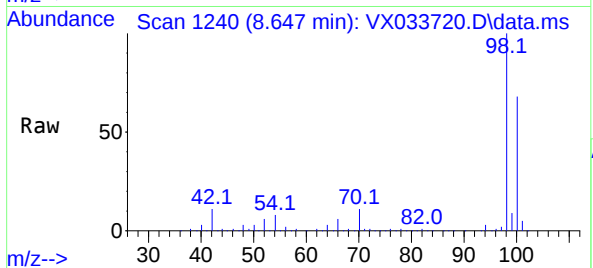
ClientSampleId :

Tgt Ion: 98 Resp: 278039

Ion Ratio Lower Upper

98 100

100 67.2 53.6 80.4



#51

4-Methyl-2-Pentanone

Concen: 0.621 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX033720.D

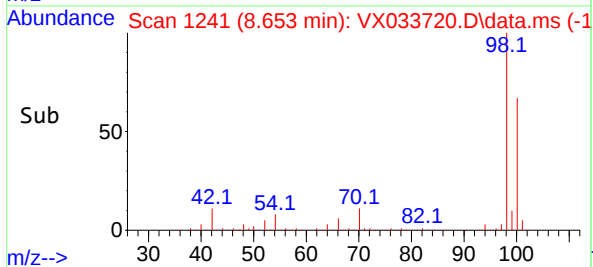
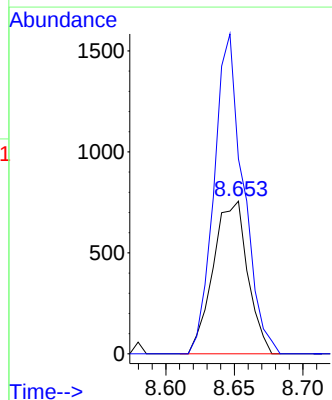
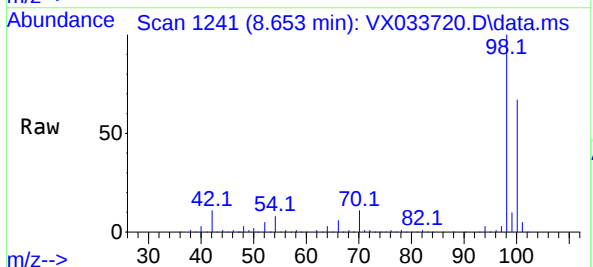
Acq: 13 Jan 2023 14:17

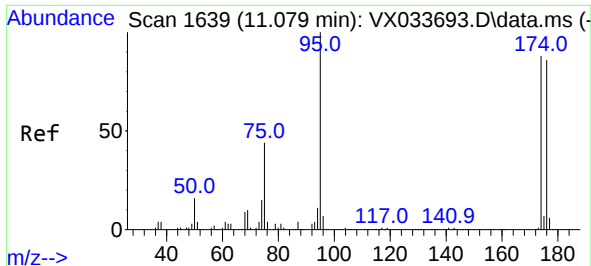
Tgt Ion: 43 Resp: 1321

Ion Ratio Lower Upper

43 100

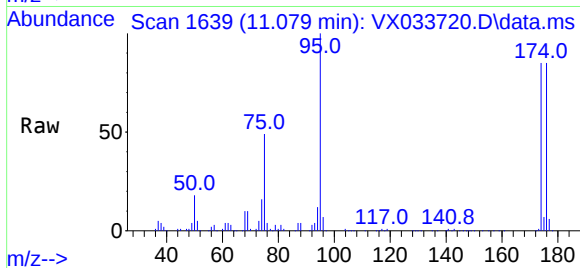
58 178.1 31.2 46.8#



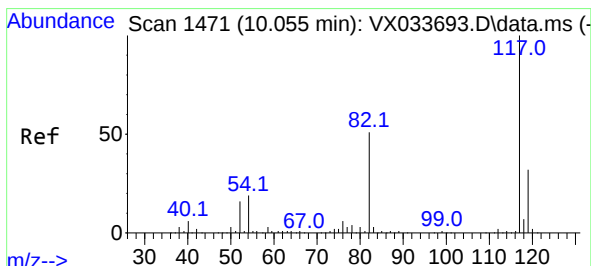
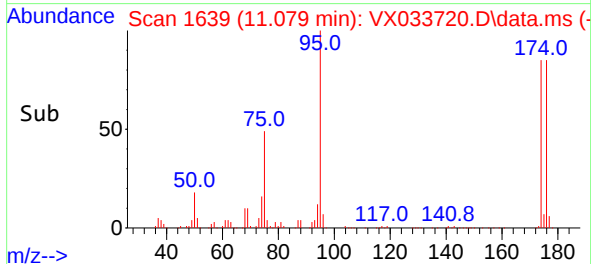
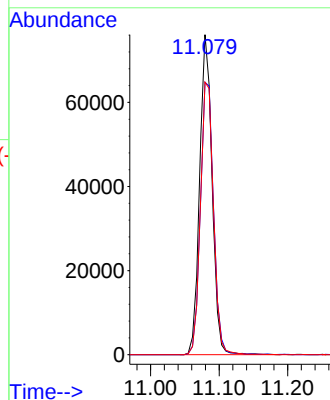


#62
4-Bromofluorobenzene
Concen: 47.352 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :

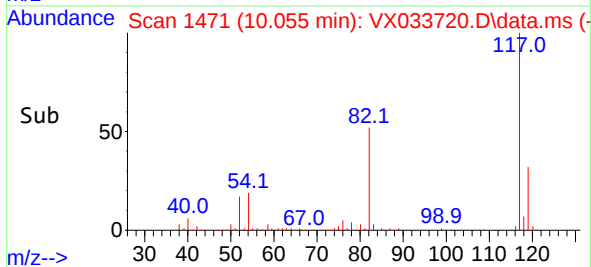
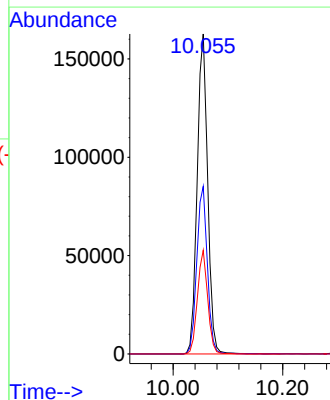
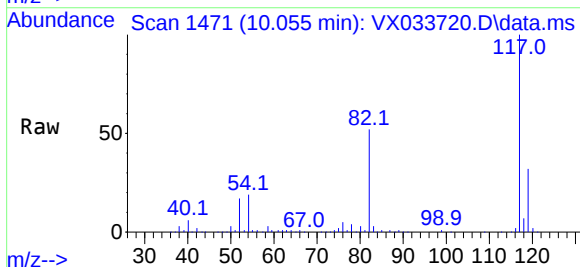


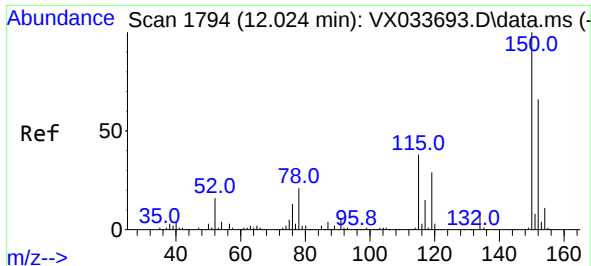
Tgt Ion: 95 Resp: 96242
Ion Ratio Lower Upper
95 100
174 89.9 0.0 184.4
176 89.4 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

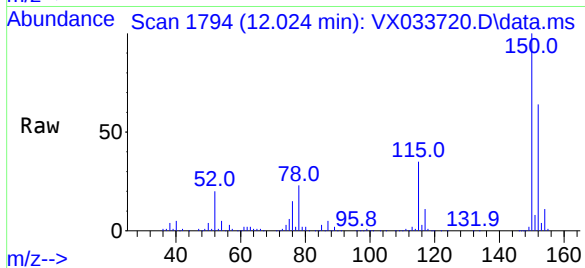
Tgt Ion: 117 Resp: 217255
Ion Ratio Lower Upper
117 100
82 52.4 40.6 60.8
119 32.4 25.6 38.4



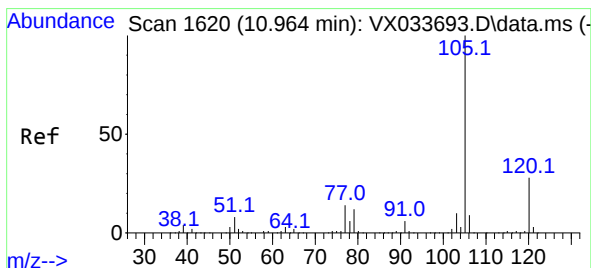
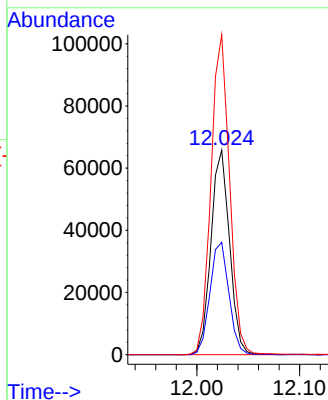
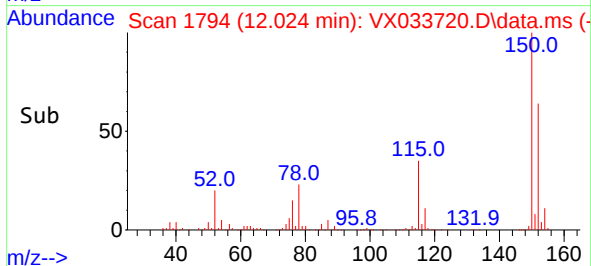


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

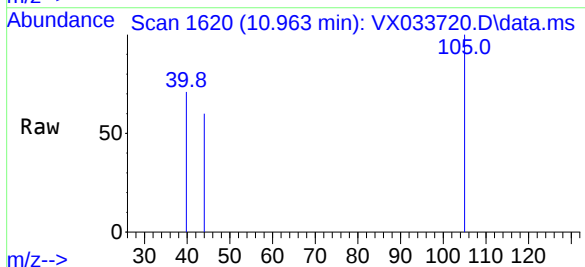
Instrument :
MSVOA_X
ClientSampleId :



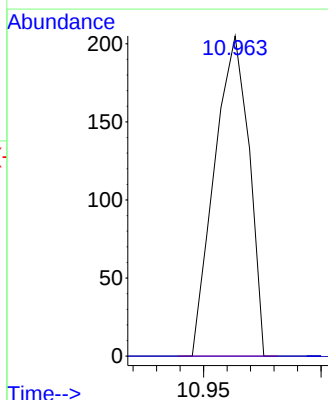
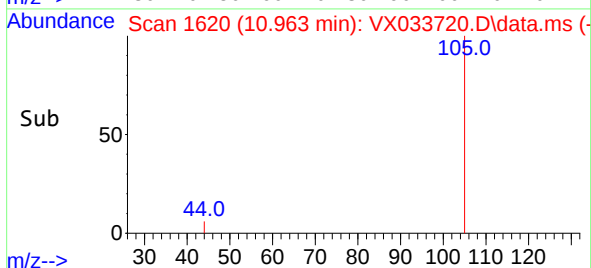
Tgt Ion:152 Resp: 82438
Ion Ratio Lower Upper
152 100
115 56.3 38.7 116.1
150 156.6 0.0 348.2

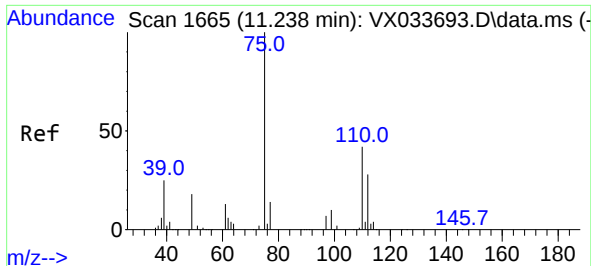


#73
Isopropylbenzene
Concen: Below Cal
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17



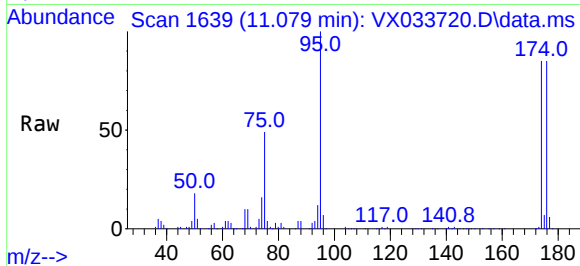
Tgt Ion:105 Resp: 210
Ion Ratio Lower Upper
105 100
120 0.0 13.6 40.8#



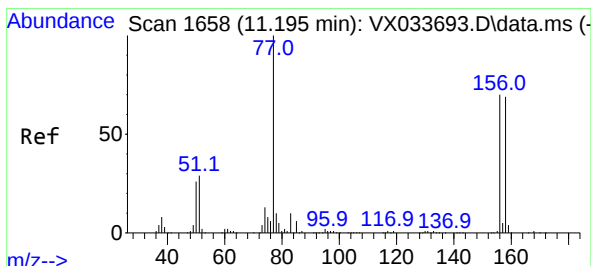
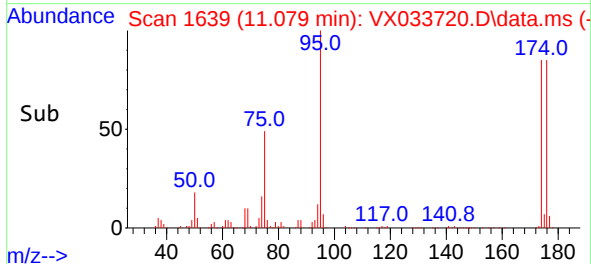
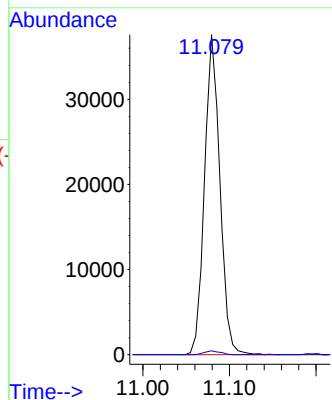


#76
1,2,3-Trichloropropane
Concen: 30.572 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :

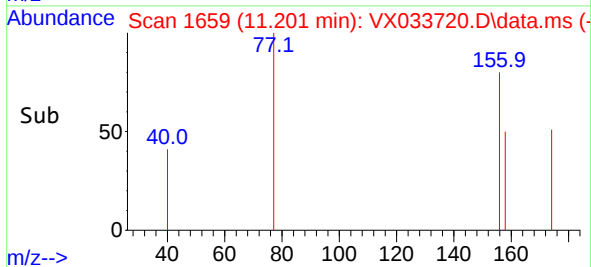
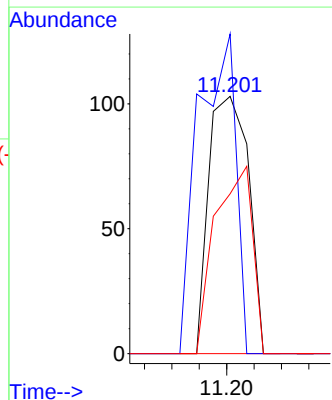
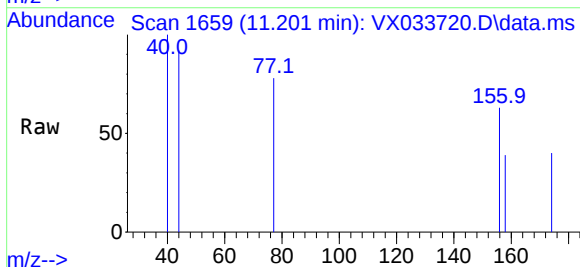


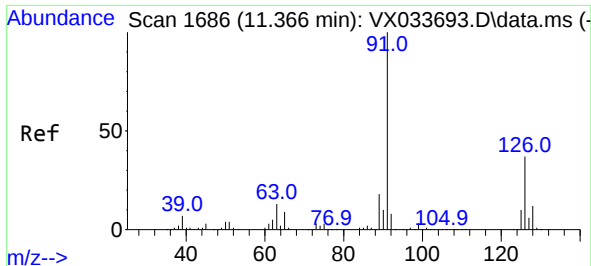
Tgt Ion: 75 Resp: 46307
Ion Ratio Lower Upper
75 100
77 1.2 21.8 65.4#



#77
Bromobenzene
Concen: Below Cal
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

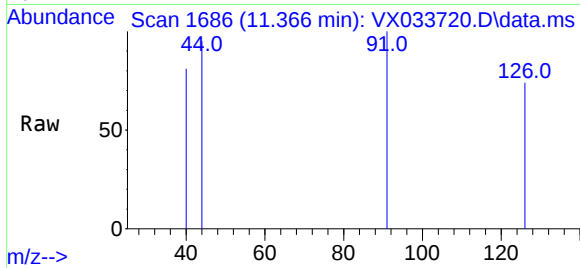
Tgt Ion:156 Resp: 104
Ion Ratio Lower Upper
156 100
77 116.3 68.1 204.3
158 68.3 48.0 144.2



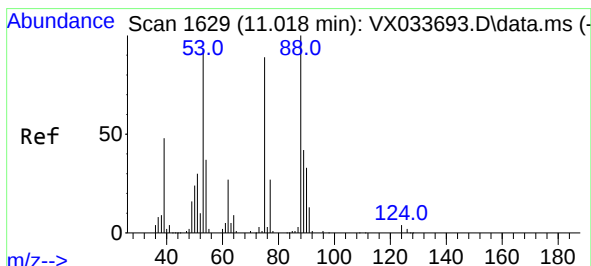
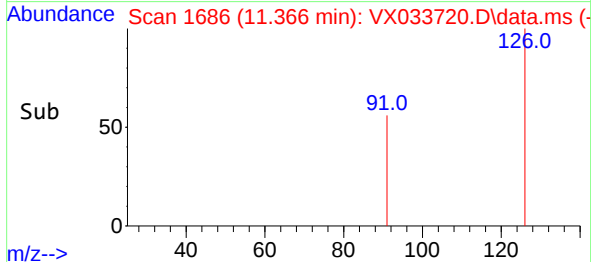
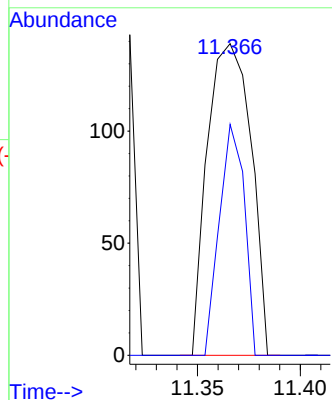


#79
2-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Instrument :
MSVOA_X
ClientSampleId :

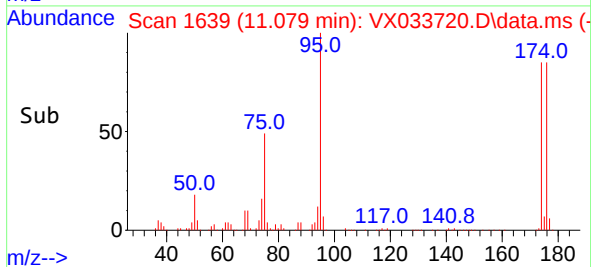
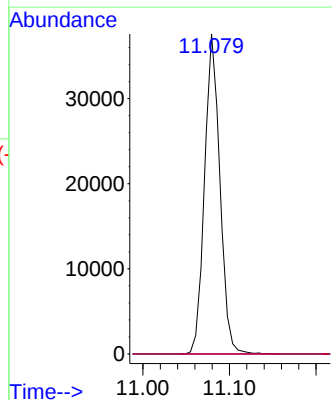
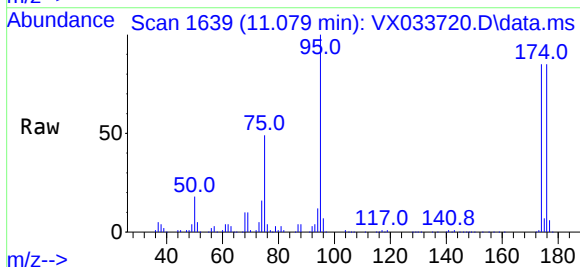


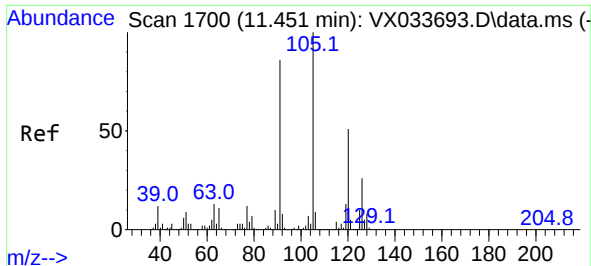
Tgt Ion: 91 Resp: 206
Ion Ratio Lower Upper
91 100
126 42.2 18.1 54.1



#81
trans-1,4-Dichloro-2-butene
Concen: 95.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Tgt Ion: 75 Resp: 46307
Ion Ratio Lower Upper
75 100
53 0.0 83.0 124.6#
89 0.0 37.7 56.5#

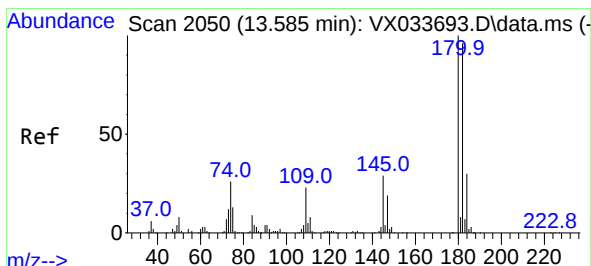
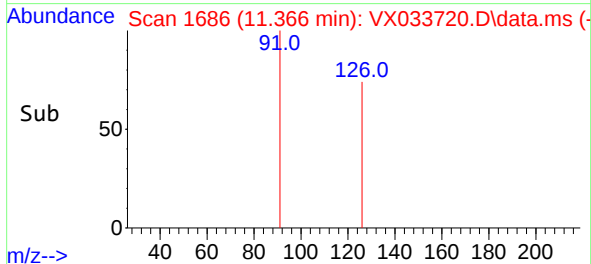
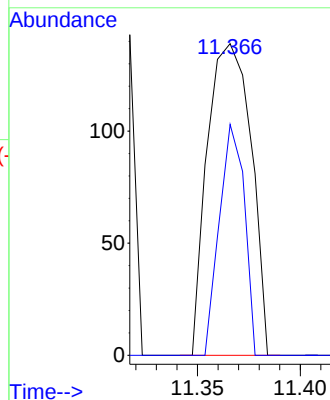
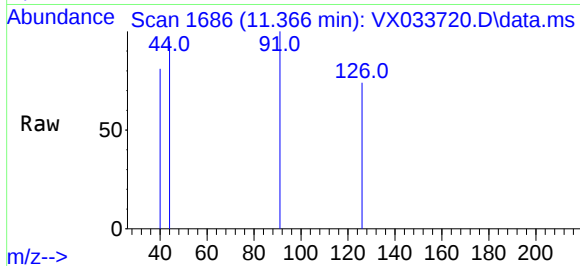




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.366 min Scan# 1
Delta R.T. -0.085 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

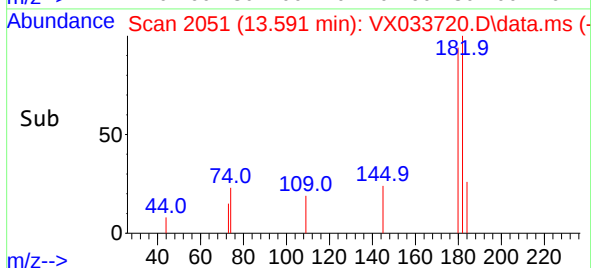
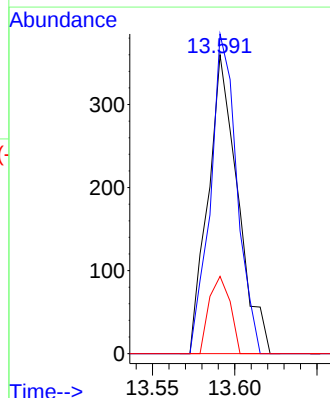
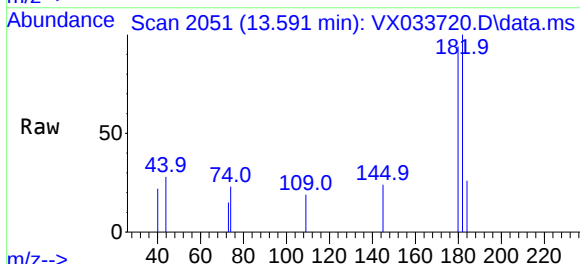
Instrument :
MSVOA_X
ClientSampleId :

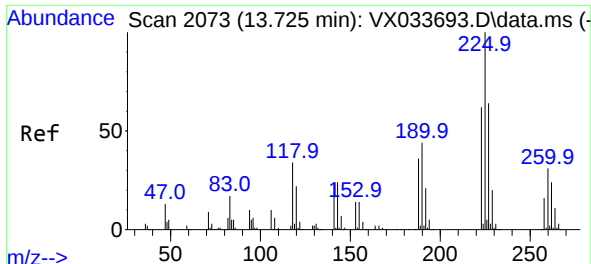
Tgt Ion: 91 Resp: 206
Ion Ratio Lower Upper
91 100
126 42.2 15.8 47.4



#93
1,2,4-Trichlorobenzene
Concen: 0.250 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Tgt Ion:180 Resp: 452
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.6
145 18.1 14.1 42.2

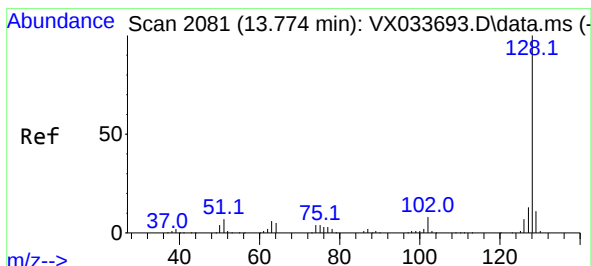
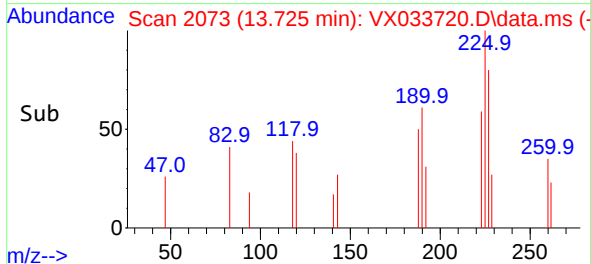
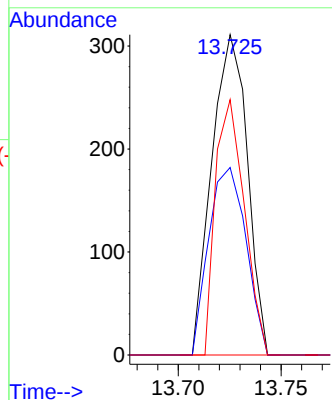
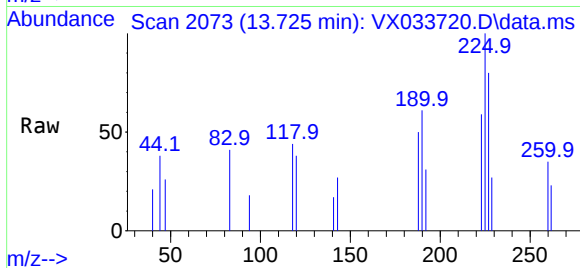




#94
Hexachlorobutadiene
Concen: 0.423 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

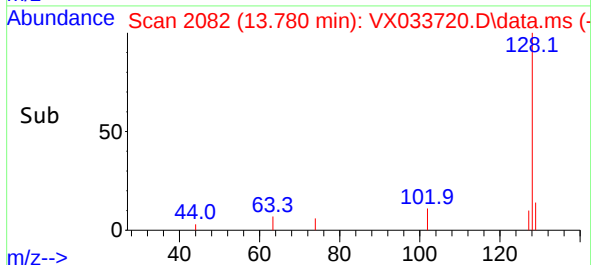
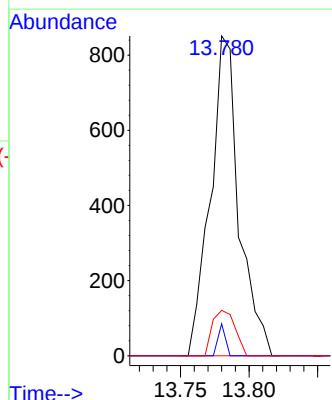
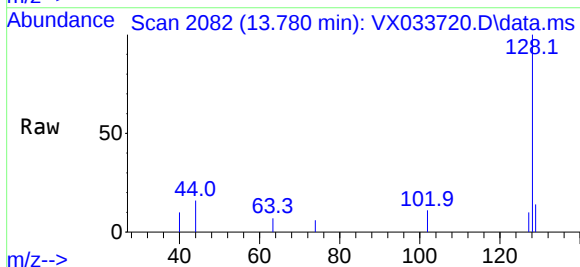
Instrument :
MSVOA_X
ClientSampleId :

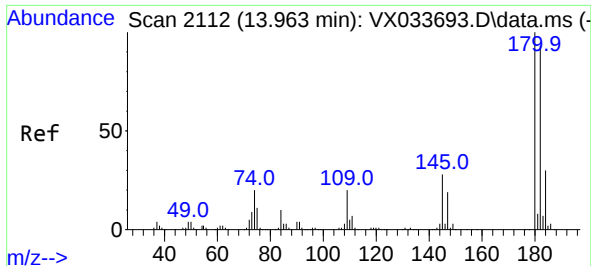
Tgt Ion:	225	Resp:	375
Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.3	93.9
227	64.8	32.3	96.9



#95
Naphthalene
Concen: 0.236 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX033720.D
Acq: 13 Jan 2023 14:17

Tgt Ion:	128	Resp:	1230
Ion	Ratio	Lower	Upper
128	100		
127	2.5	10.3	15.5#
129	11.3	8.7	13.1





#96

1,2,3-Trichlorobenzene

Concen: 0.272 ug/l

RT: 13.963 min Scan# 21

Delta R.T. -0.000 min

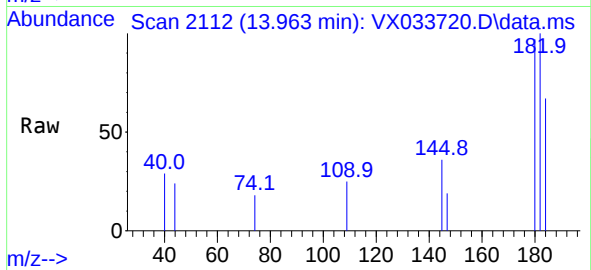
Lab File: VX033720.D

Acq: 13 Jan 2023 14:17

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 492

Ion Ratio Lower Upper

180 100

182 88.2 47.6 142.9

145 25.6 15.1 45.3

