

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031071.D
 Acq On : 02 Sep 2022 16:49
 Operator : JC/MD
 Sample : N4433-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 02 17:39:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

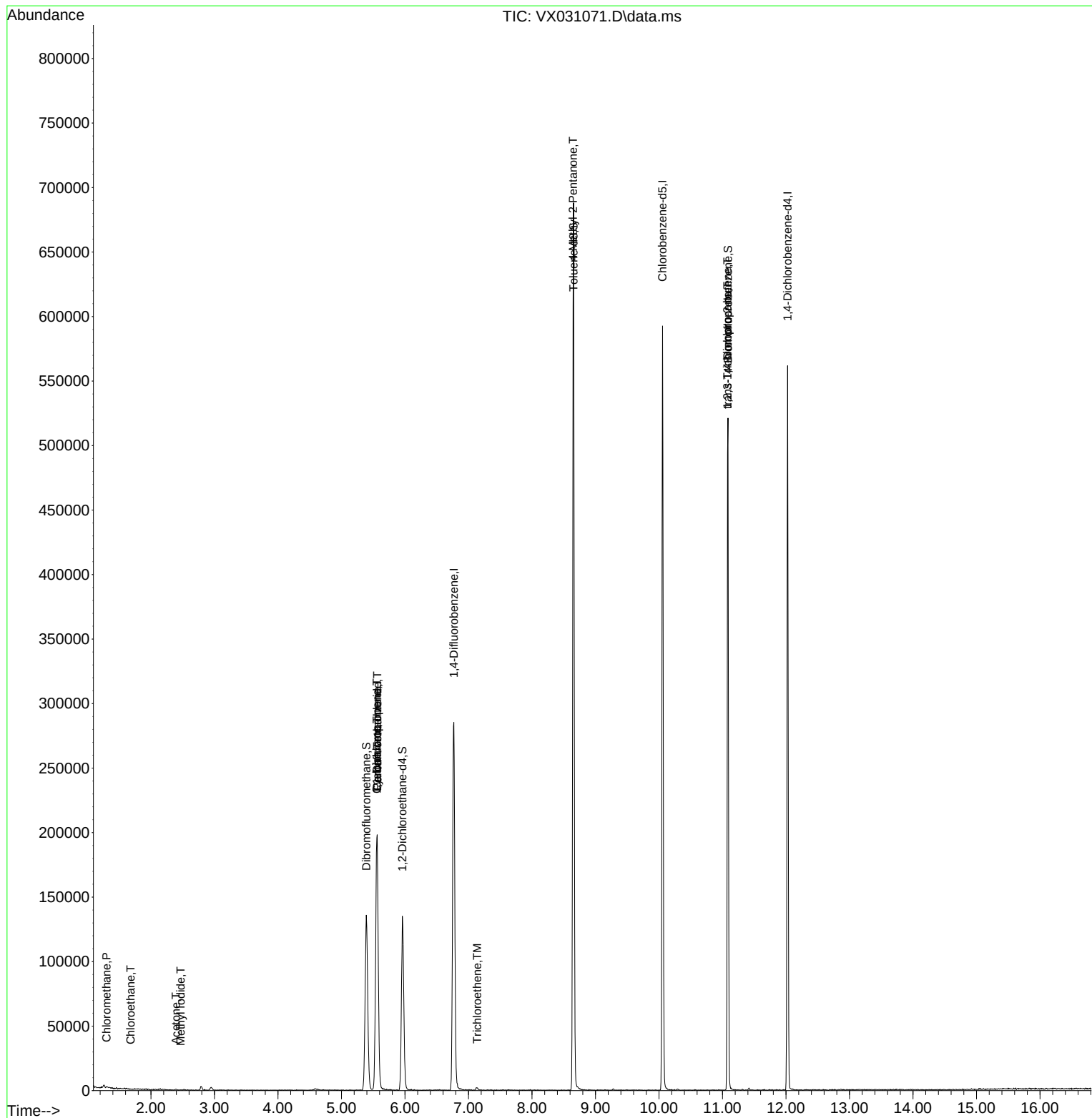
Internal Standards						
1) Pentafluorobenzene	5.562	168	204035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	330460	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	289580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125211	47.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.380%
35) Dibromofluoromethane	5.391	113	121048	50.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.380%
50) Toluene-d8	8.653	98	435859	49.108	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.220%
62) 4-Bromofluorobenzene	11.085	95	144638	46.139	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.280%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	78	0.739	ug/l #	42
6) Chloroethane	1.679	64	80	1.788	ug/l #	41
10) Methyl Iodide	2.465	142	121	2.957	ug/l #	45
11) Tert butyl alcohol	2.947	59	1539	Below Cal	#	74
16) Acetone	2.392	43	621	0.613	ug/l #	87
20) Methylene Chloride	2.800	84	1573	Below Cal	#	77
31) Cyclohexane	5.556	56	3176	0.886	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13766	4.075	ug/l #	48
38) Carbon Tetrachloride	5.562	117	19613	5.594	ug/l #	17
44) Trichloroethene	7.135	130	805	0.262	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	1434	0.486	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67133	22.402	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	67133	70.405	ug/l #	12

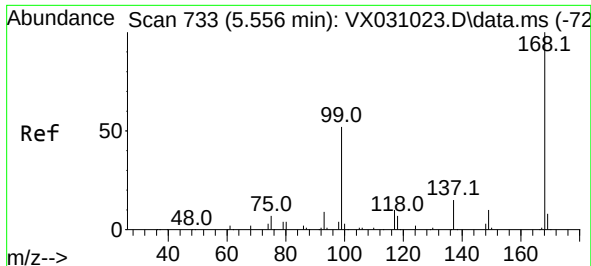
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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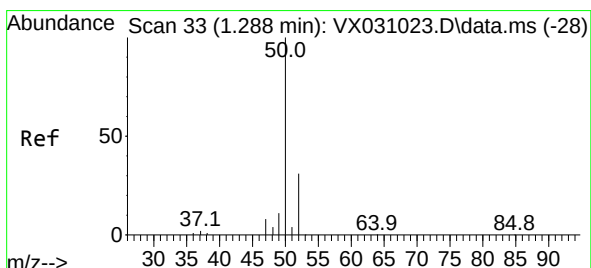
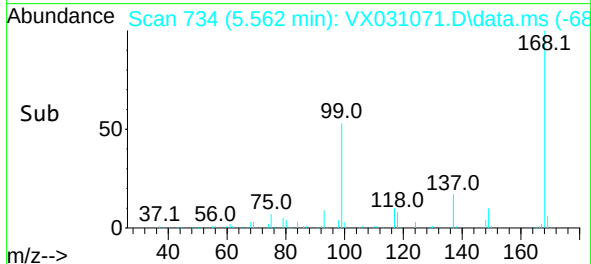
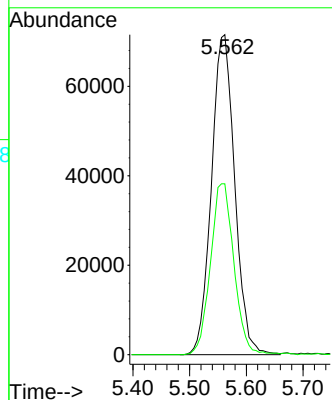
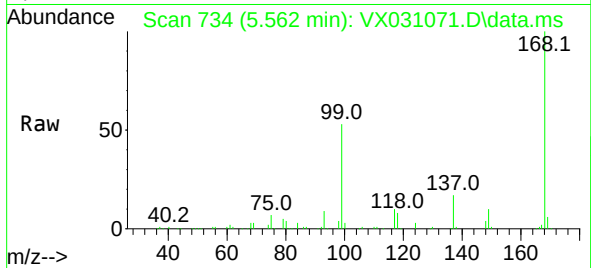




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

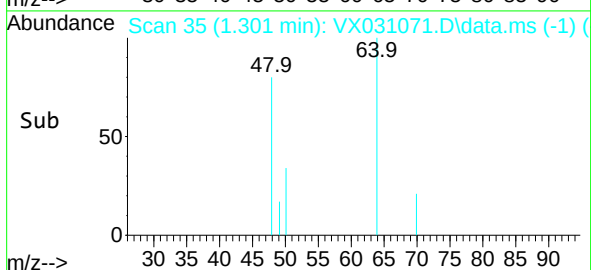
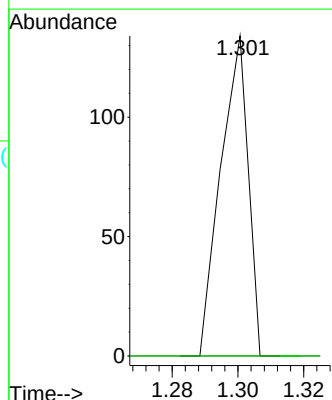
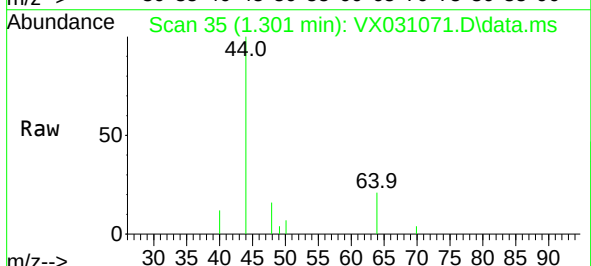
Instrument :
MSVOA_X
ClientSampleId :

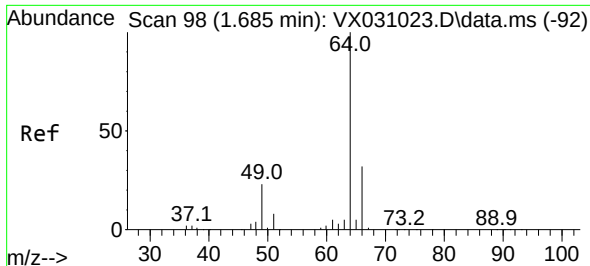
Tgt Ion:168 Resp: 204035
Ion Ratio Lower Upper
168 100
99 53.4 44.0 66.0



#3
Chloromethane
Concen: 0.739 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.013 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion: 50 Resp: 78
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

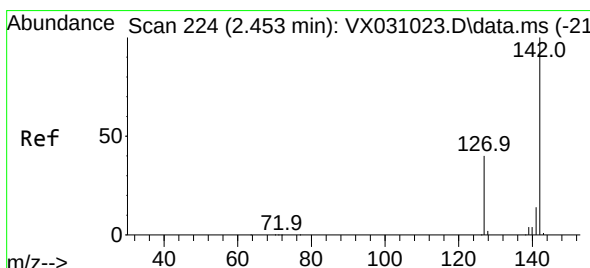
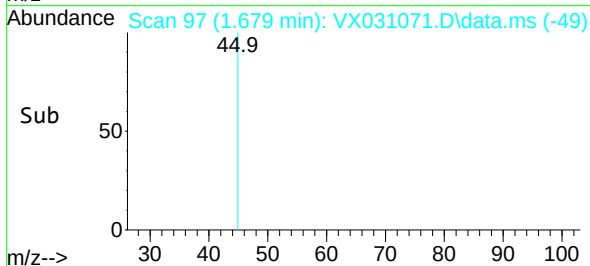
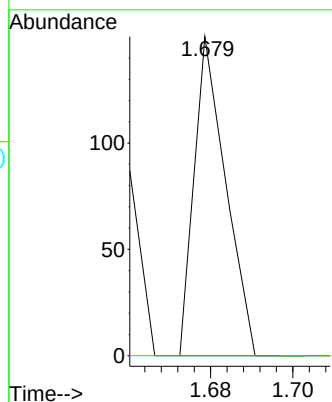
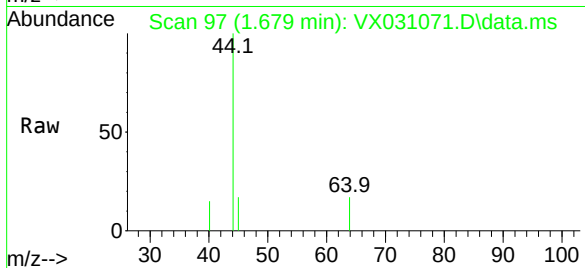




#6
Chloroethane
Concen: 1.788 ug/l
RT: 1.679 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

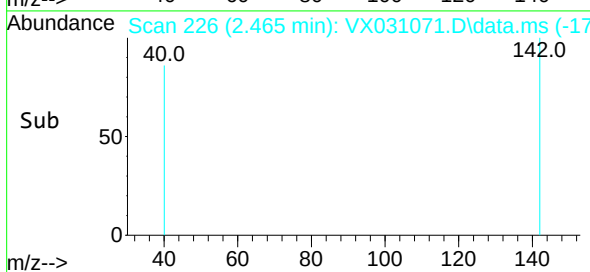
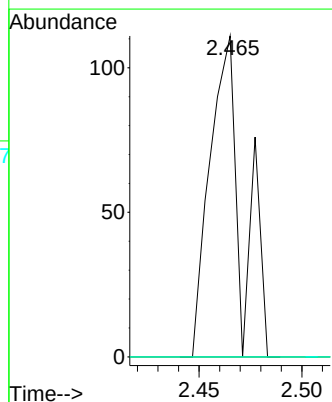
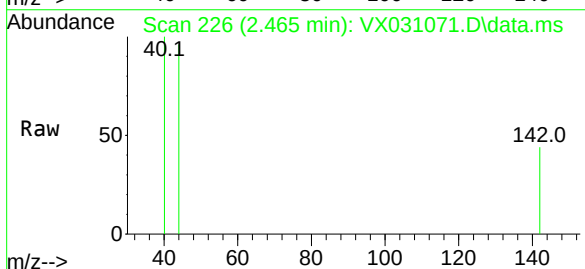
Instrument :
MSVOA_X
ClientSampleId :

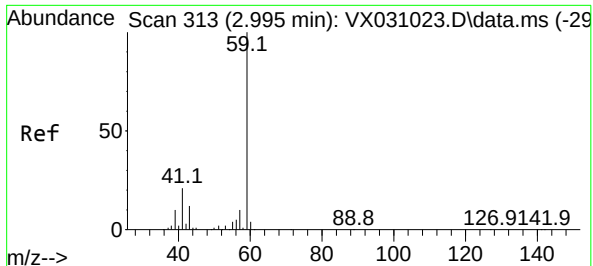
Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.957 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion: 142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 305

Delta R.T. -0.042 min

Lab File: VX031071.D

Acq: 02 Sep 2022 16:49

Instrument :

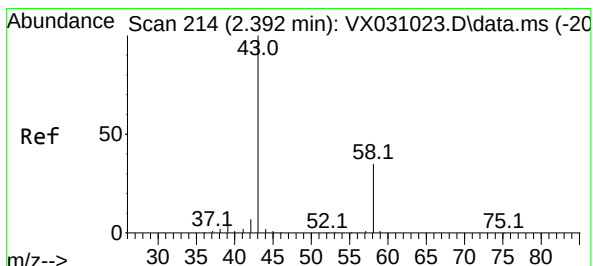
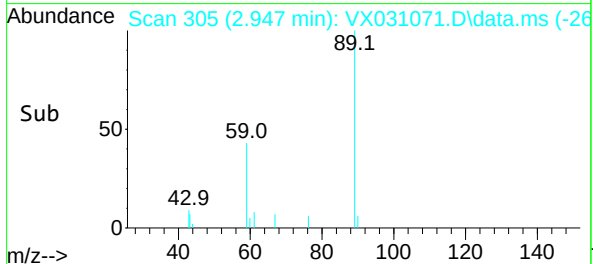
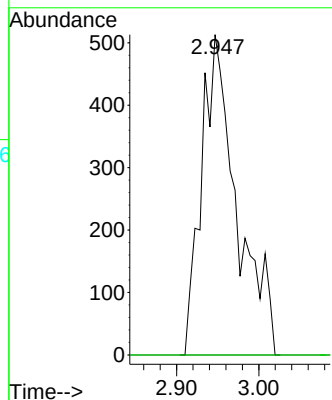
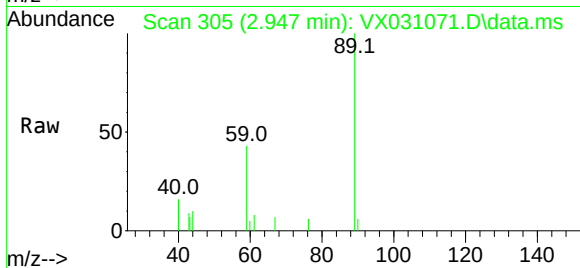
MSVOA_X

ClientSampleId :

Tgt Ion: 59 Resp: 1539

Ion Ratio Lower Upper

59	100		
57	0.0	7.4	11.2#



#16

Acetone

Concen: 0.613 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

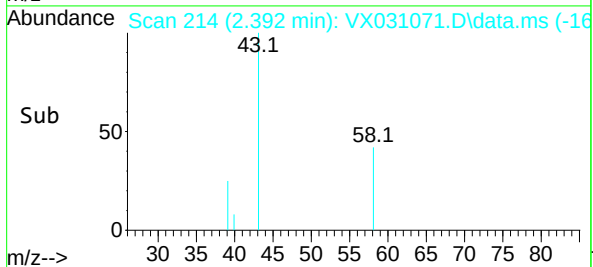
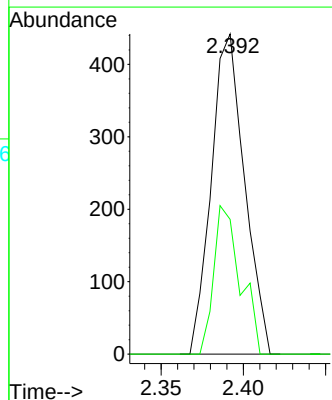
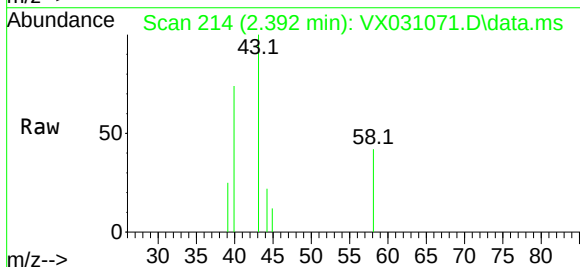
Lab File: VX031071.D

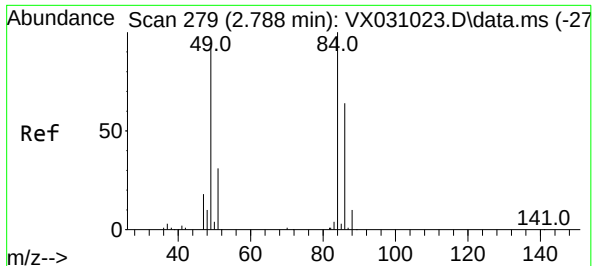
Acq: 02 Sep 2022 16:49

Tgt Ion: 43 Resp: 621

Ion Ratio Lower Upper

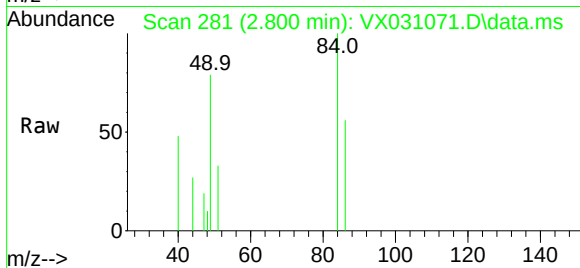
43	100		
58	42.1	27.7	41.5#





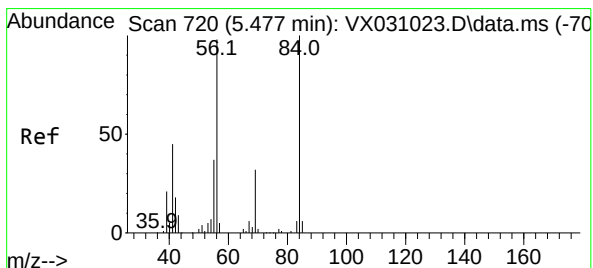
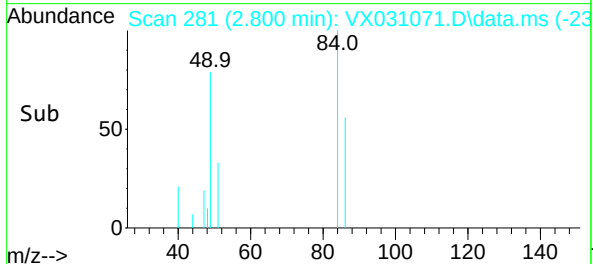
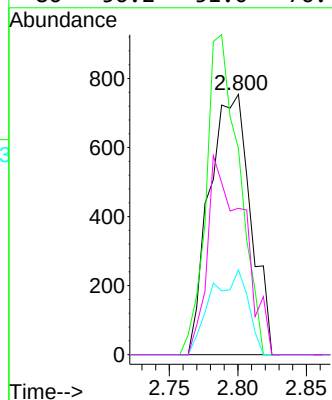
#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 1573

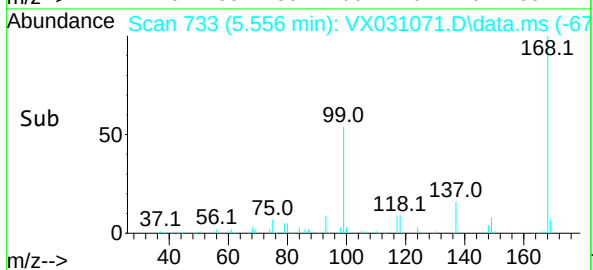
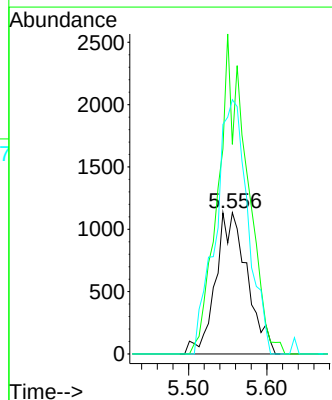
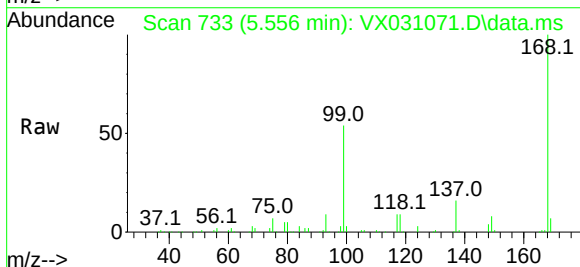
Ion	Ratio	Lower	Upper
84	100		
49	79.2	93.8	140.6#
51	32.6	29.4	44.0
86	56.2	51.0	76.4

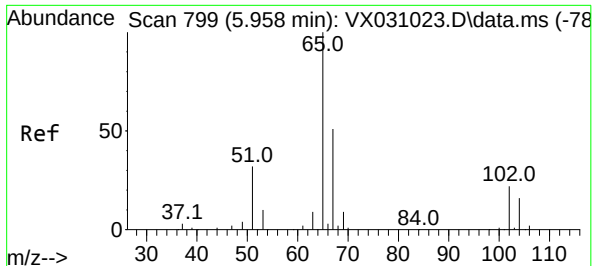


#31
Cyclohexane
Concen: 0.886 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion: 56 Resp: 3176

Ion	Ratio	Lower	Upper
56	100		
69	148.2	25.4	38.0#
84	179.8	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 47.694 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031071.D

Acq: 02 Sep 2022 16:49

Instrument :

MSVOA_X

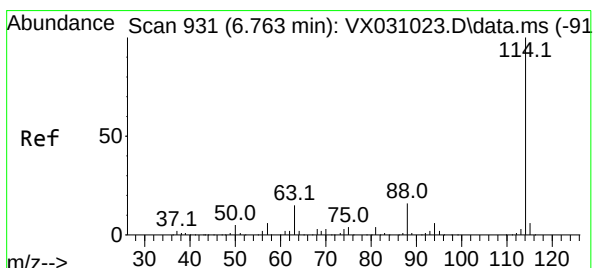
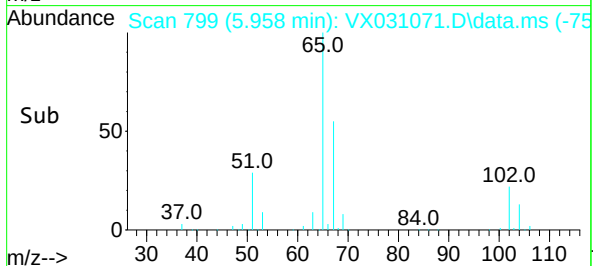
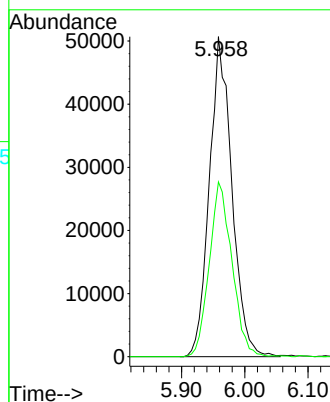
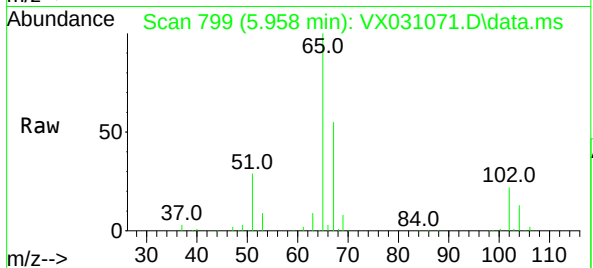
ClientSampleId :

Tgt Ion: 65 Resp: 125211

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX031071.D

Acq: 02 Sep 2022 16:49

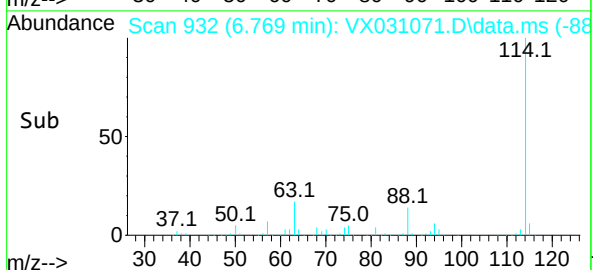
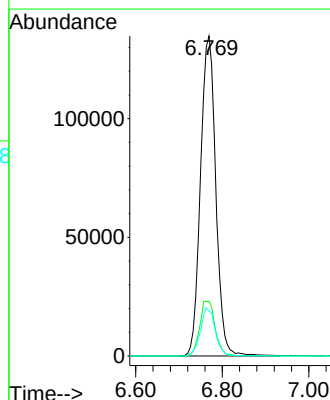
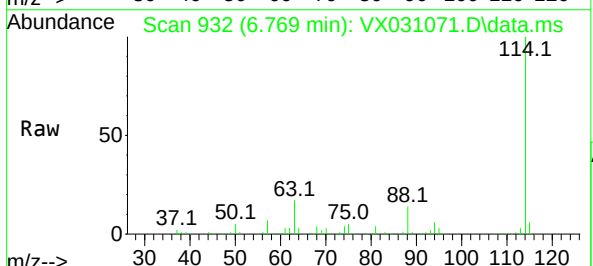
Tgt Ion: 114 Resp: 330460

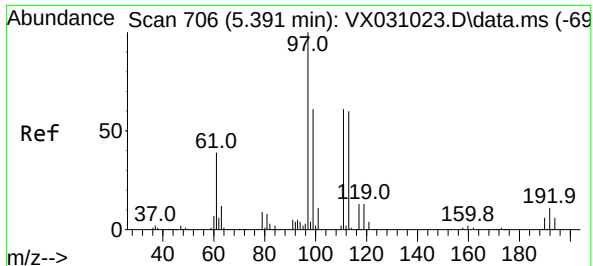
Ion Ratio Lower Upper

114 100

63 17.1 0.0 38.4

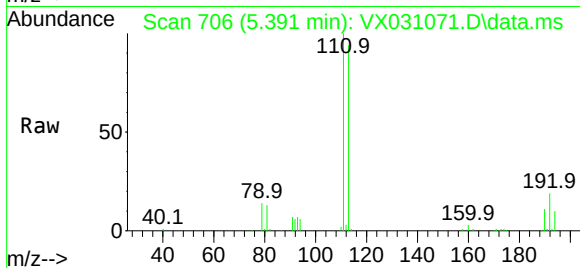
88 14.0 0.0 31.8



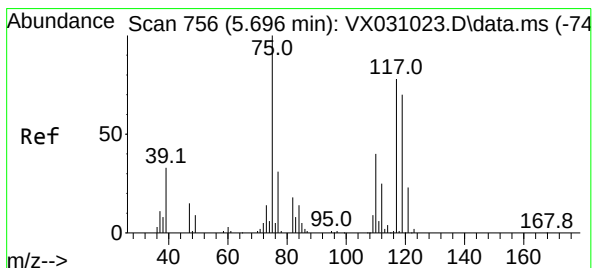
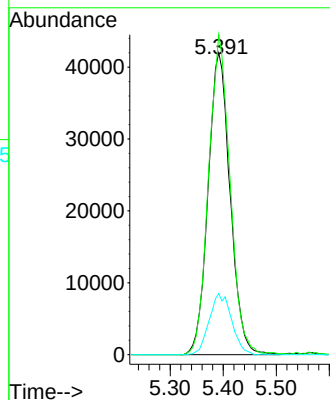
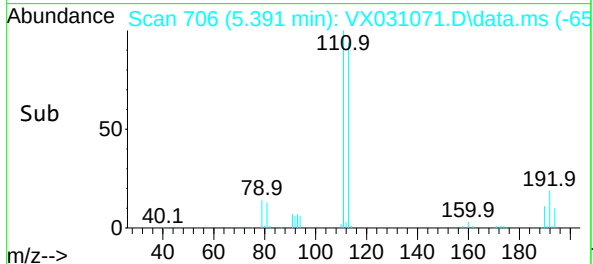


#35
Dibromofluoromethane
Concen: 50.194 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

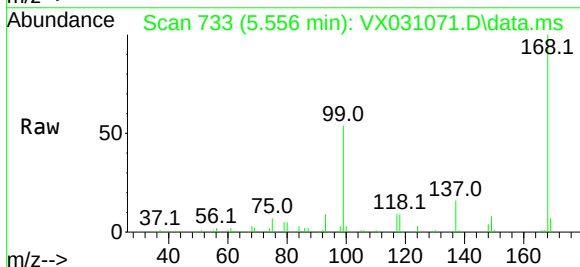
Instrument :
MSVOA_X
ClientSampleId :



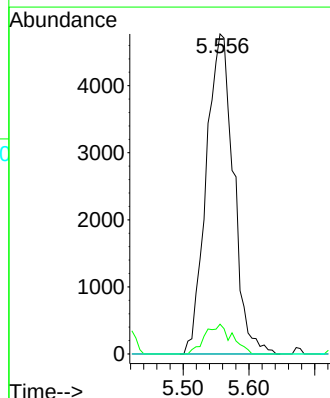
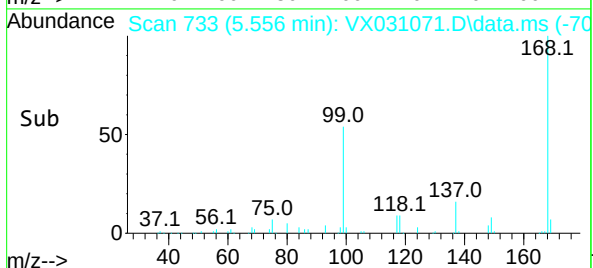
Tgt Ion:113 Resp: 121048
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 20.6 14.8 22.2

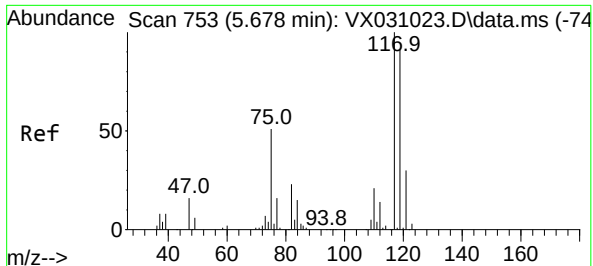


#36
1,1-Dichloropropene
Concen: 4.075 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49



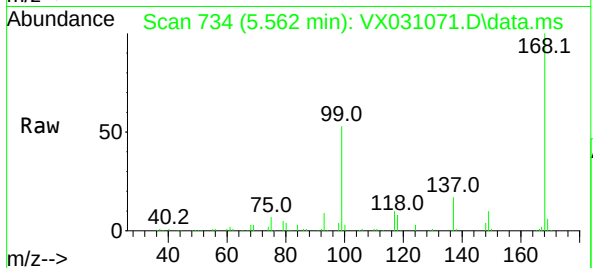
Tgt Ion: 75 Resp: 13766
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.0 24.4 36.6#



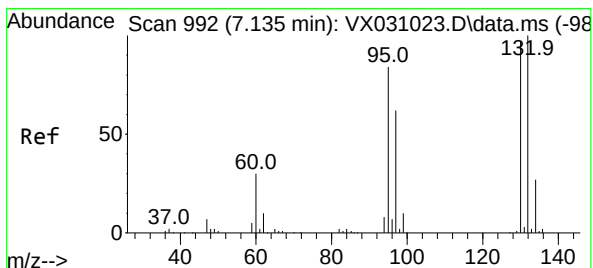
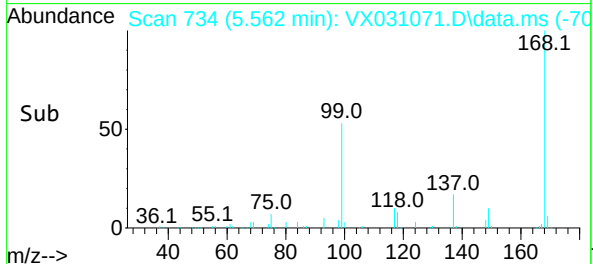
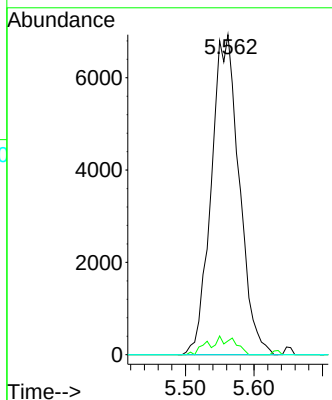


#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :

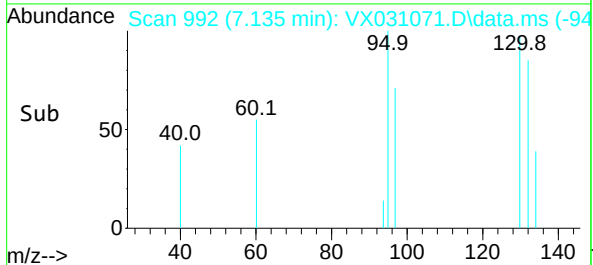
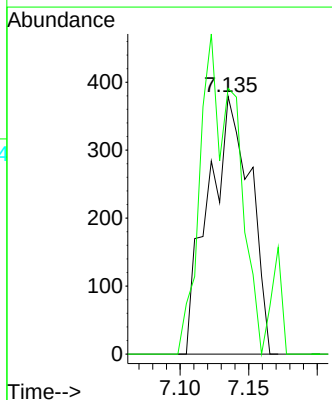
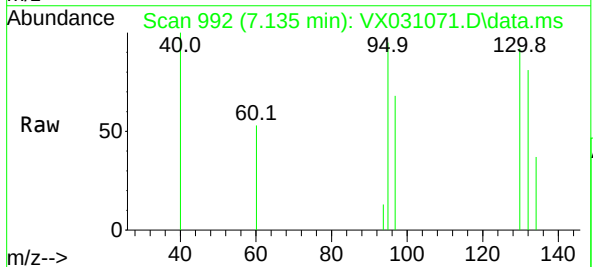


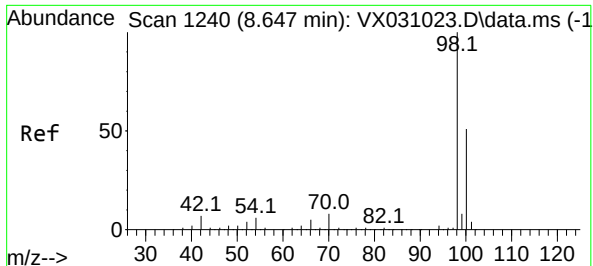
Tgt Ion:117 Resp: 19613
Ion Ratio Lower Upper
117 100
119 4.3 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.262 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion:130 Resp: 805
Ion Ratio Lower Upper
130 100
95 103.2 0.0 194.8

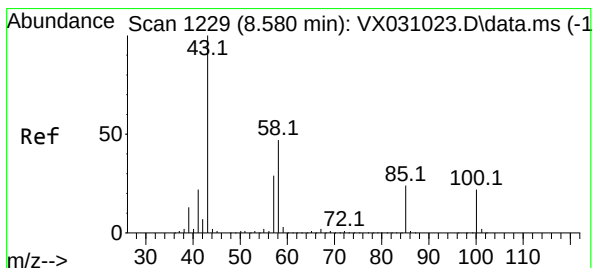
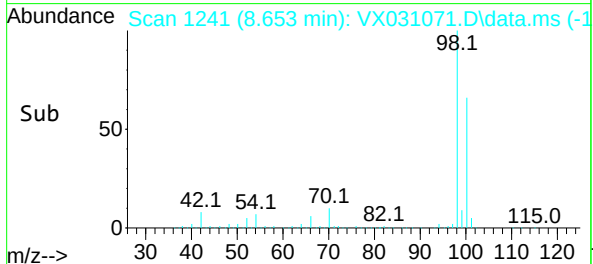
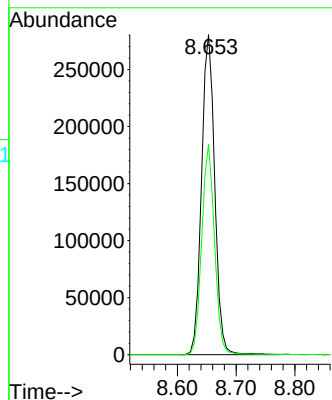
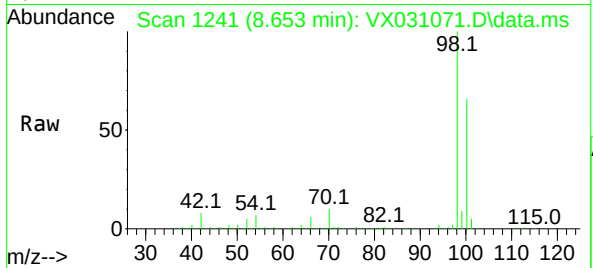




#50
Toluene-d8
Concen: 49.108 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

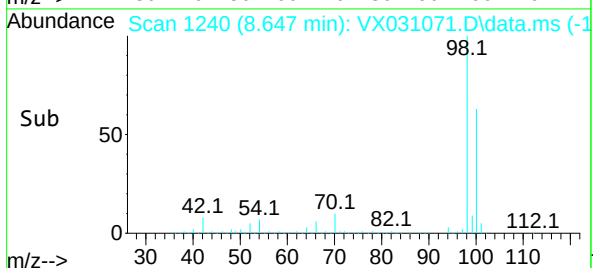
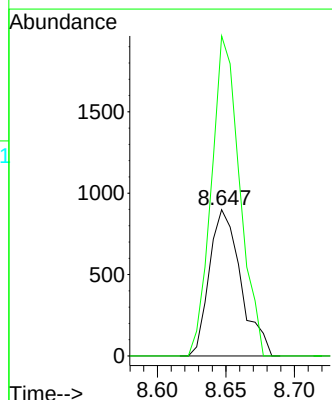
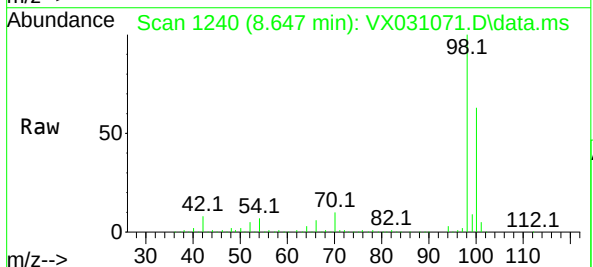
Instrument :
MSVOA_X
ClientSampleId :

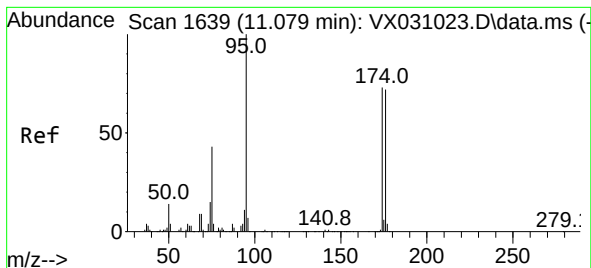
Tgt Ion: 98 Resp: 435859
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.486 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion: 43 Resp: 1434
Ion Ratio Lower Upper
43 100
58 196.4 31.4 47.2#

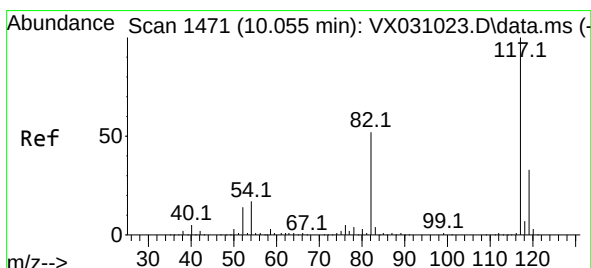
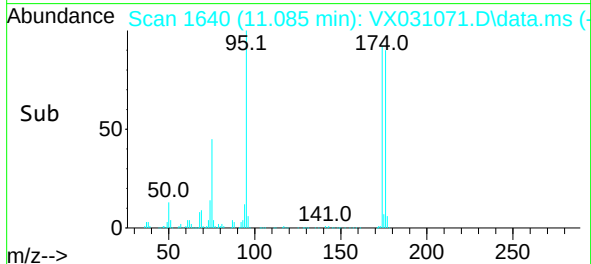
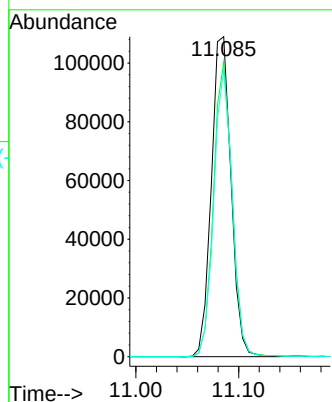
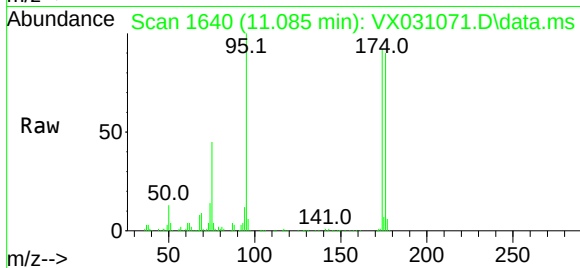




#62
4-Bromofluorobenzene
Concen: 46.139 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

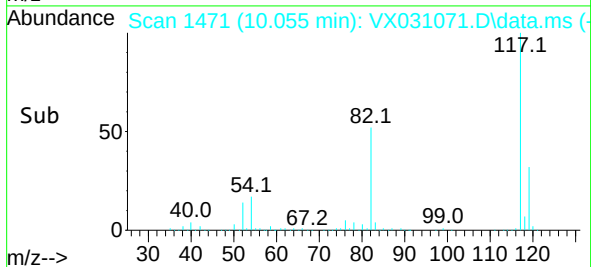
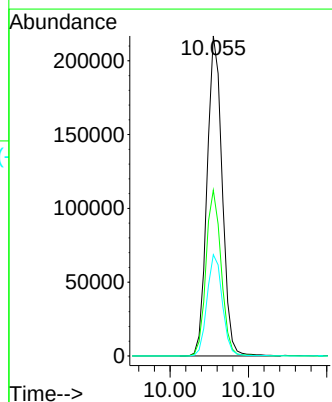
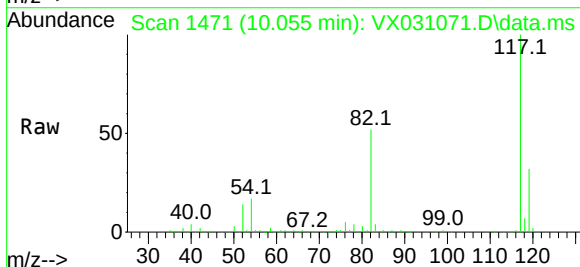
Instrument :
MSVOA_X
ClientSampleId :

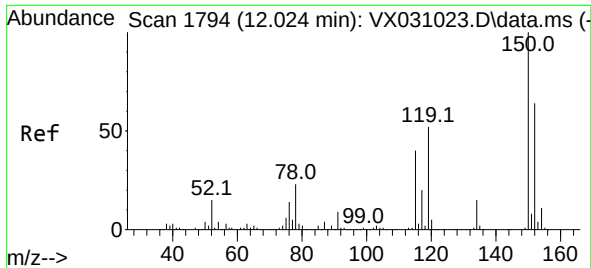
Tgt Ion: 95 Resp: 144638
Ion Ratio Lower Upper
95 100
174 87.4 0.0 149.0
176 84.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031071.D
Acq: 02 Sep 2022 16:49

Tgt Ion: 117 Resp: 289580
Ion Ratio Lower Upper
117 100
82 51.8 42.7 64.1
119 31.7 25.4 38.2

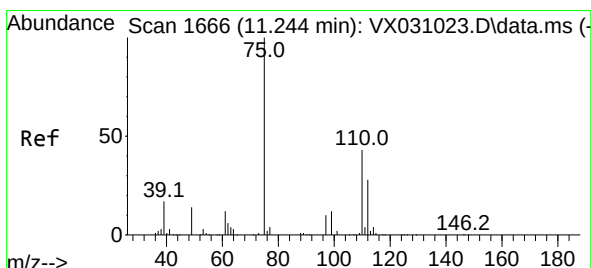
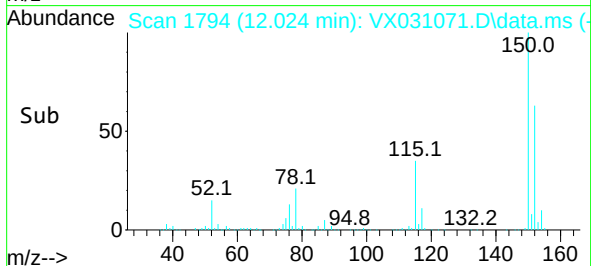
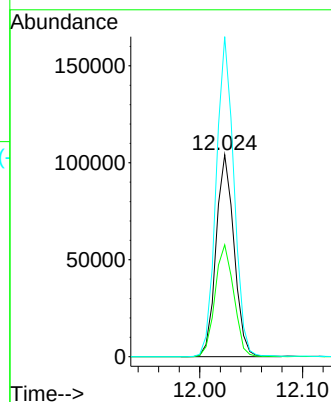
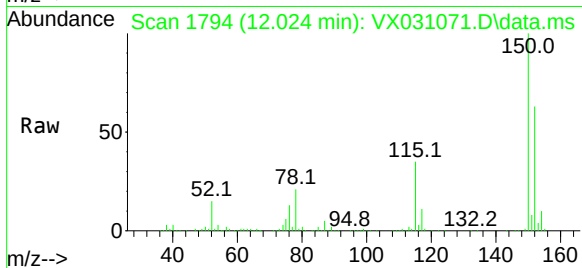




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031071.D
 Acq: 02 Sep 2022 16:49

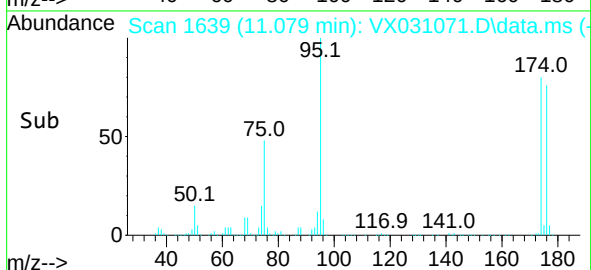
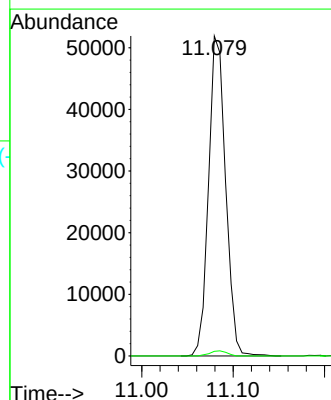
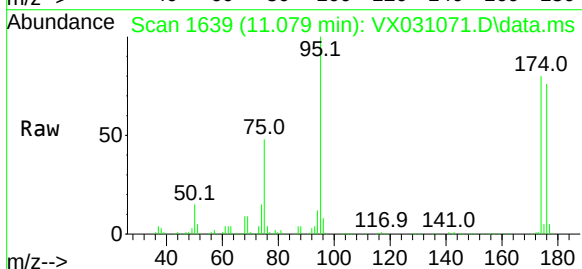
Instrument :
 MSVOA_X
 ClientSampleId :

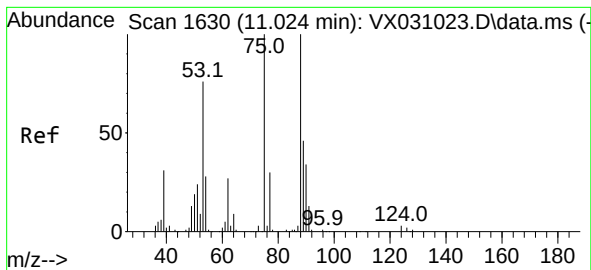
Tgt Ion:152 Resp: 126767
 Ion Ratio Lower Upper
 152 100
 115 57.8 40.5 121.5
 150 156.4 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.402 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX031071.D
 Acq: 02 Sep 2022 16:49

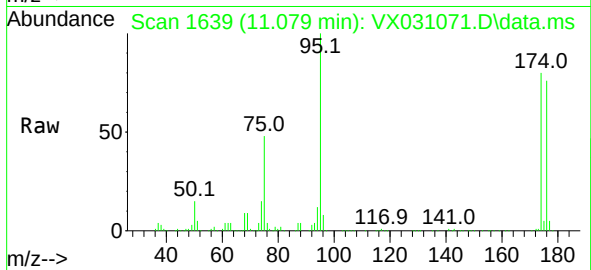
Tgt Ion: 75 Resp: 67133
 Ion Ratio Lower Upper
 75 100
 77 1.6 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.405 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031071.D
 Acq: 02 Sep 2022 16:49

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 67133
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

