

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
 Data File : VX031492.D
 Acq On : 20 Sep 2022 13:50
 Operator : JC/MD
 Sample : N4640-03
 Misc : 5.01G/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11930

Quant Time: Sep 21 04:54:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

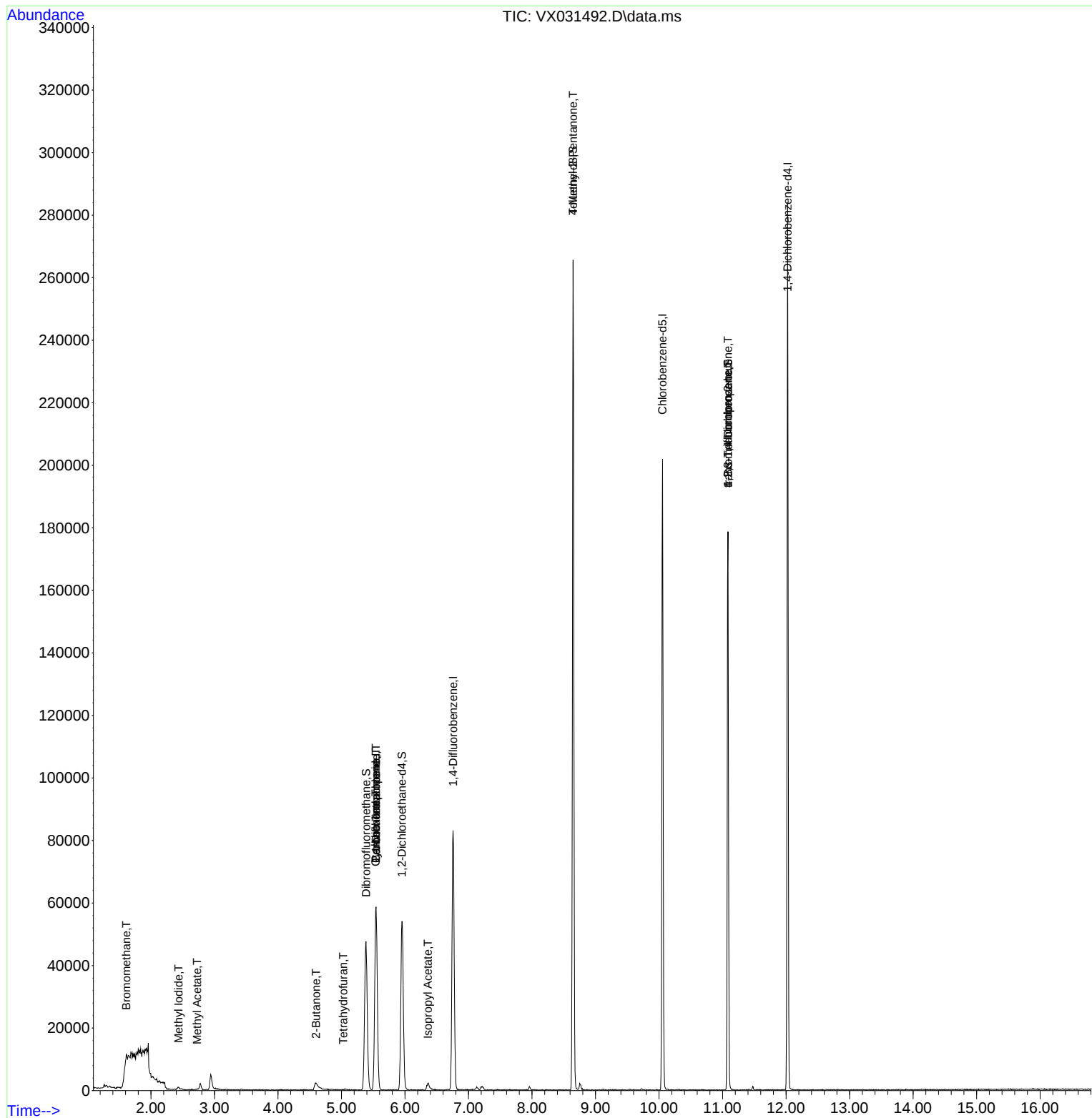
Internal Standards						
1) Pentafluorobenzene	5.544	168	56814	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.757	114	87233	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	88689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	50203	48.051	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	5.385	113	40205	44.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.020%
50) Toluene-d8	8.647	98	150091	43.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.380%
62) 4-Bromofluorobenzene	11.085	95	43403	36.869	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	73.740%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	1276	0.725	ug/l	96
6) Chloroethane	1.672	64	158	Below Cal		94
10) Methyl Iodide	2.434	142	600	0.678	ug/l #	86
11) Tert butyl alcohol	2.940	59	3286	Below Cal	#	73
13) Acrolein	2.148	56	22	Below Cal	#	1
16) Acetone	2.410	43	217	Below Cal	#	45
18) Methyl Acetate	2.727	43	407	0.261	ug/l #	76
20) Methylene Chloride	2.776	84	1067	Below Cal	#	77
25) 2-Butanone	4.599	43	6394	7.949	ug/l	90
29) Tetrahydrofuran	5.025	42	106	0.202	ug/l #	32
31) Cyclohexane	5.537	56	1433	0.927	ug/l #	49
36) 1,1-Dichloropropene	5.544	75	4245	3.061	ug/l #	44
38) Carbon Tetrachloride	5.544	117	5917	3.850	ug/l #	17
43) Isopropyl Acetate	6.361	43	841	0.331	ug/l #	61
51) 4-Methyl-2-Pentanone	8.647	43	820	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	25417	20.940	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	25417	67.423	ug/l #	11

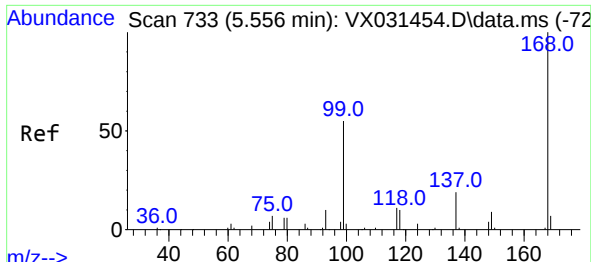
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092022\
Data File : VX031492.D
Acq On : 20 Sep 2022 13:50
Operator : JC/MD
Sample : N4640-03
Misc : 5.01G/10mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
72-11930

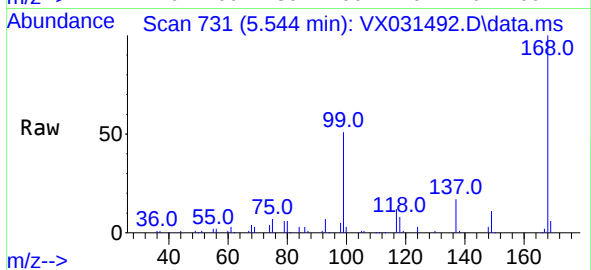
Quant Time: Sep 21 04:54:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



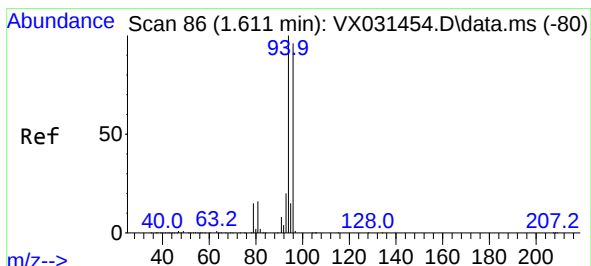
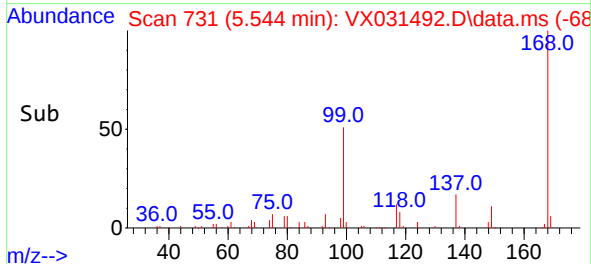
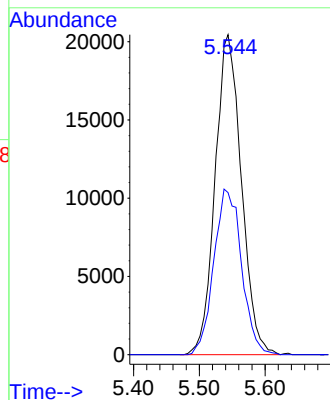


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

Instrument :
MSVOA_X
ClientSampleId :
72-11930

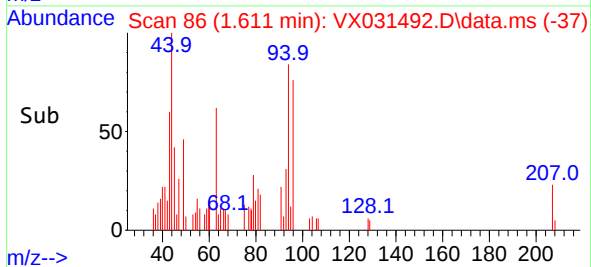
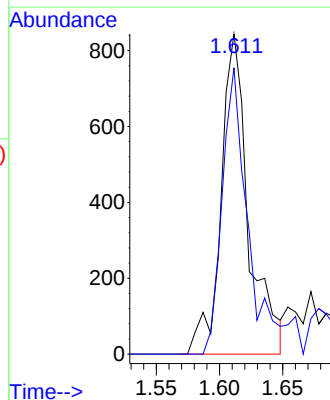
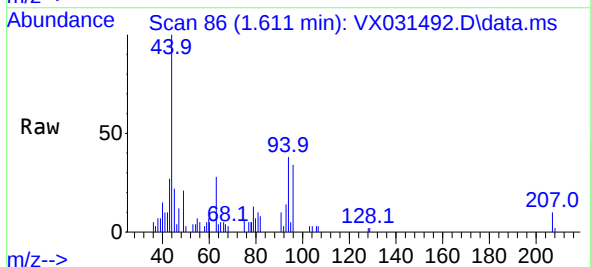


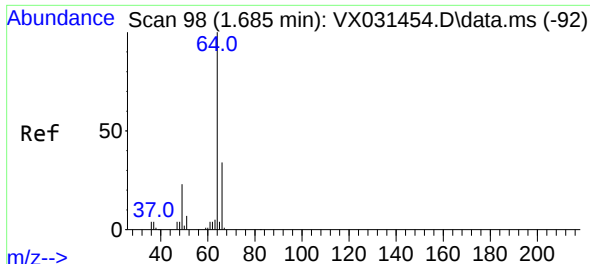
Tgt Ion:168 Resp: 56814
Ion Ratio Lower Upper
168 100
99 50.7 48.8 73.2



#5
Bromomethane
Concen: 0.725 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

Tgt Ion: 94 Resp: 1276
Ion Ratio Lower Upper
94 100
96 89.5 74.4 111.6

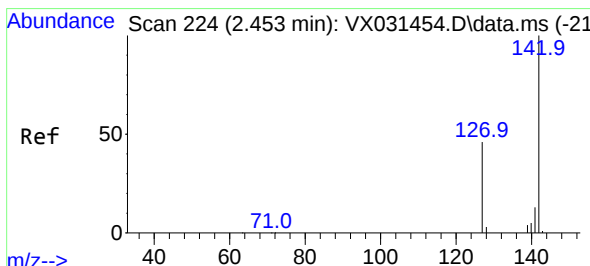
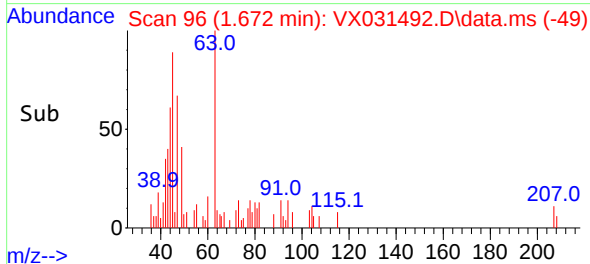
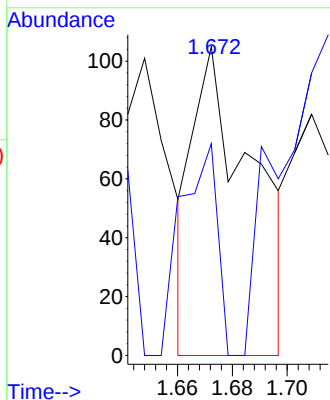
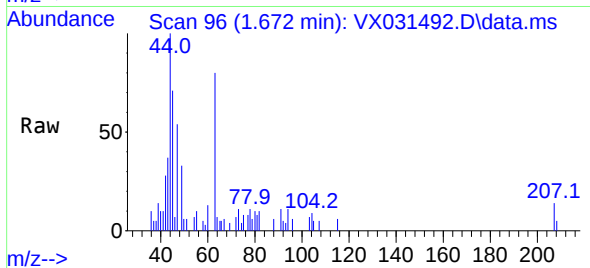




#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 90
Delta R.T. -0.013 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

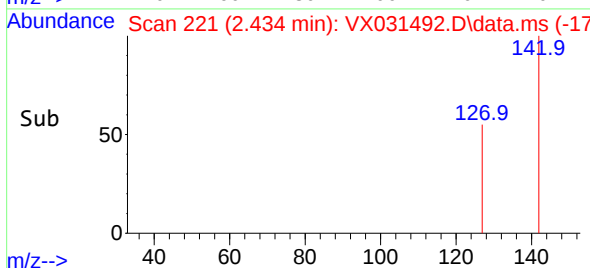
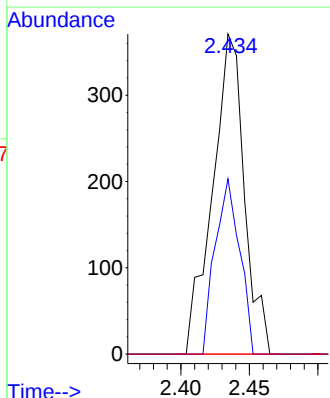
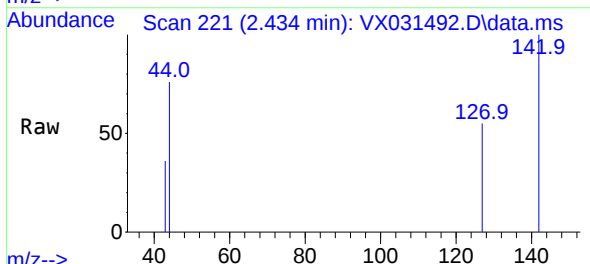
Instrument :
MSVOA_X
ClientSampleId :
72-11930

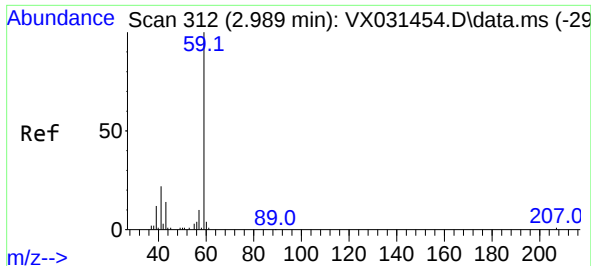
Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 34.6 25.0 37.4



#10
Methyl Iodide
Concen: 0.678 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

Tgt Ion: 142 Resp: 600
Ion Ratio Lower Upper
142 100
127 42.0 37.4 56.0
141 0.0 11.6 17.4





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.940 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX031492.D

Acq: 20 Sep 2022 13:50

Instrument :

MSVOA_X

ClientSampleId :

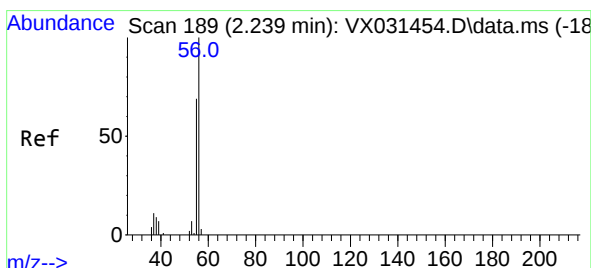
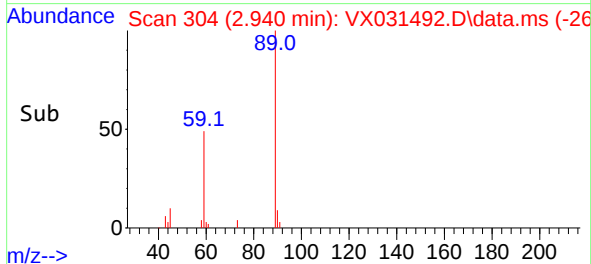
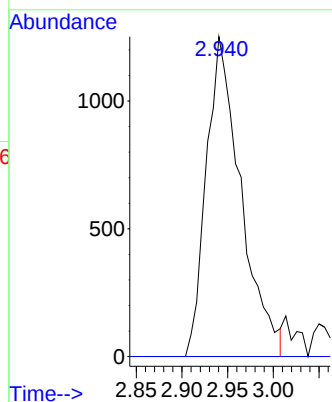
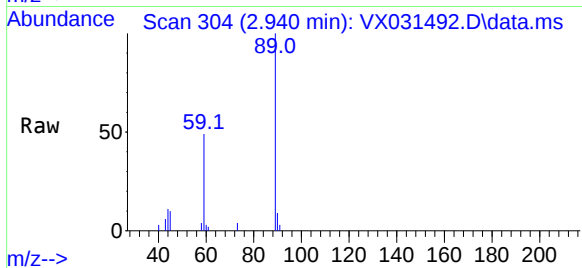
72-11930

Tgt Ion: 59 Resp: 3286

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: Below Cal

RT: 2.148 min Scan# 174

Delta R.T. -0.091 min

Lab File: VX031492.D

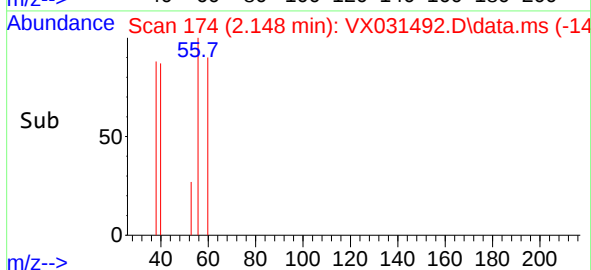
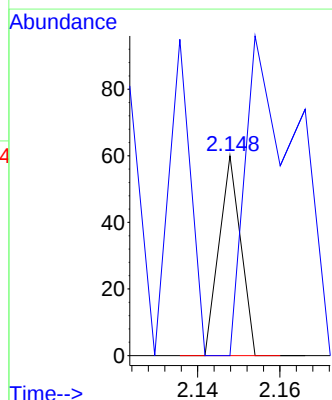
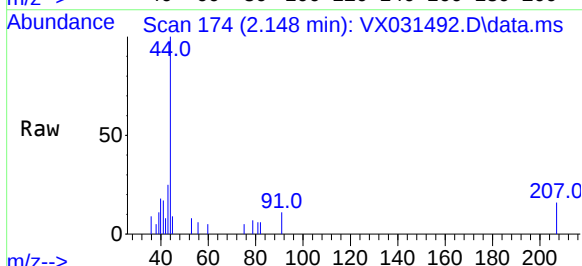
Acq: 20 Sep 2022 13:50

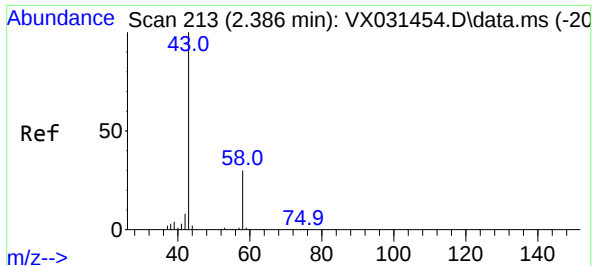
Tgt Ion: 56 Resp: 22

Ion Ratio Lower Upper

56 100

55 377.3 56.0 84.0#

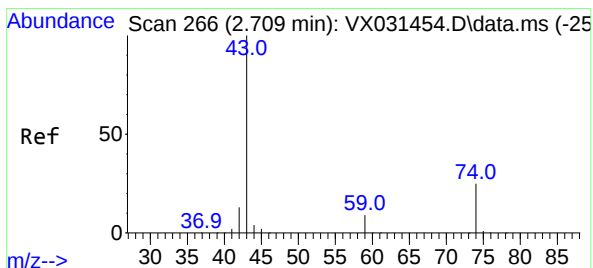
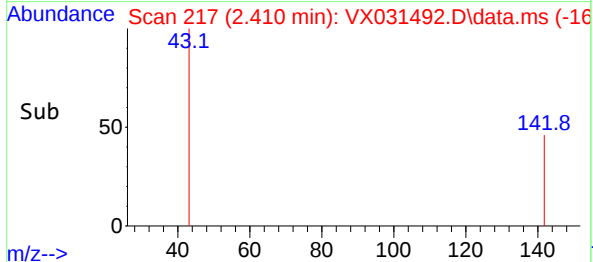
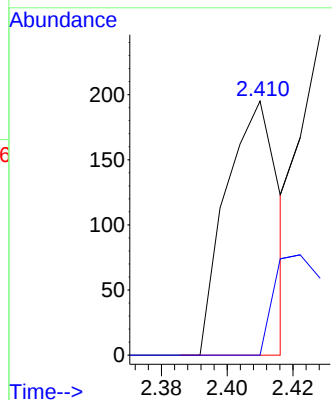
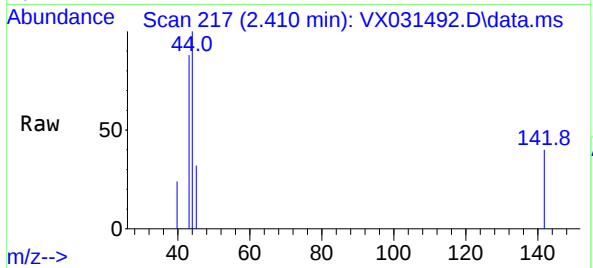




#16
Acetone
Concen: Below Cal
RT: 2.410 min Scan# 217
Delta R.T. 0.024 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

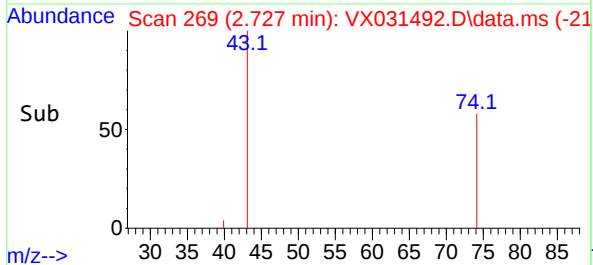
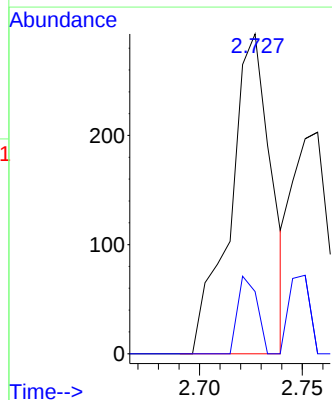
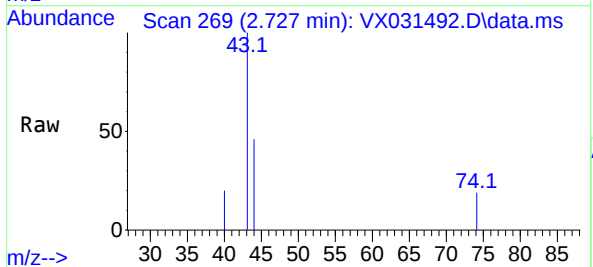
Instrument :
MSVOA_X
ClientSampleId :
72-11930

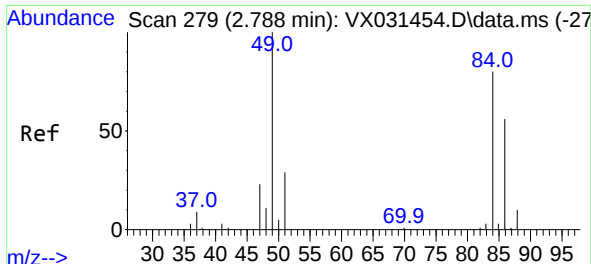
Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#18
Methyl Acetate
Concen: 0.261 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

Tgt Ion: 43 Resp: 407
Ion Ratio Lower Upper
43 100
74 11.5 18.6 27.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.776 min Scan# 21

Delta R.T. -0.012 min

Lab File: VX031492.D

Acq: 20 Sep 2022 13:50

Instrument :

MSVOA_X

ClientSampleId :

72-11930

Tgt Ion: 84 Resp: 1067

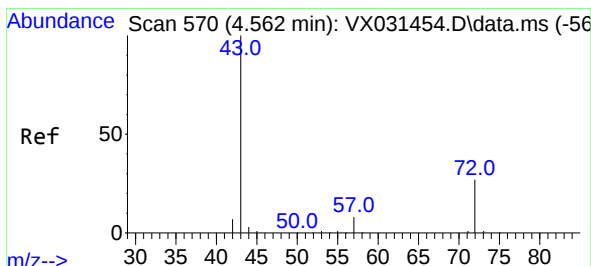
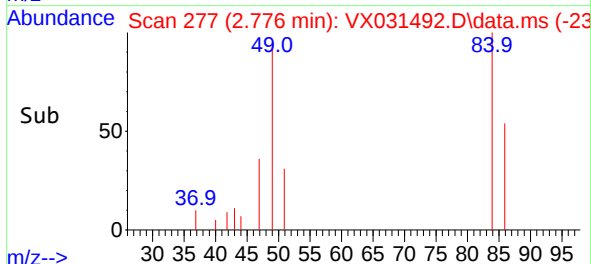
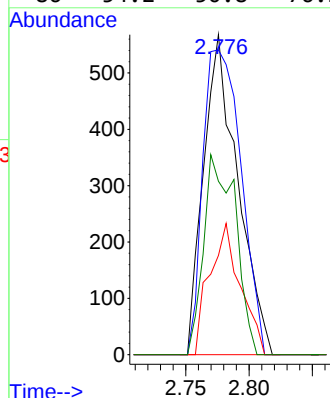
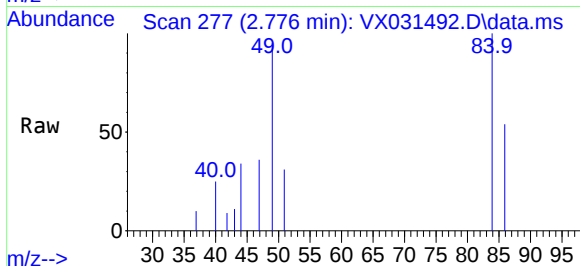
Ion Ratio Lower Upper

84 100

49 95.2 105.9 158.9#

51 31.0 32.2 48.2#

86 54.2 50.8 76.2



#25

2-Butanone

Concen: 7.949 ug/l

RT: 4.599 min Scan# 576

Delta R.T. 0.037 min

Lab File: VX031492.D

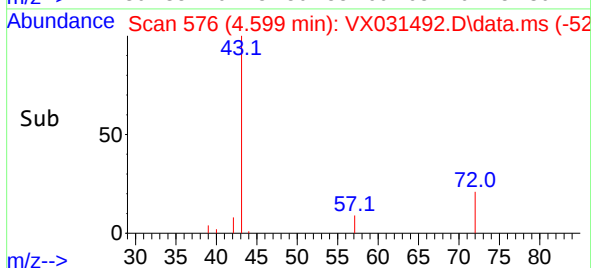
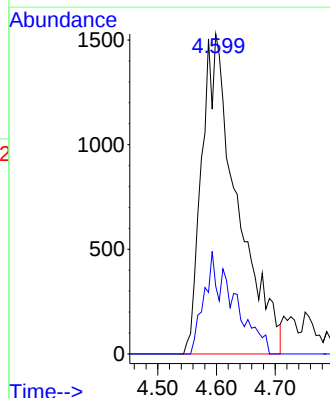
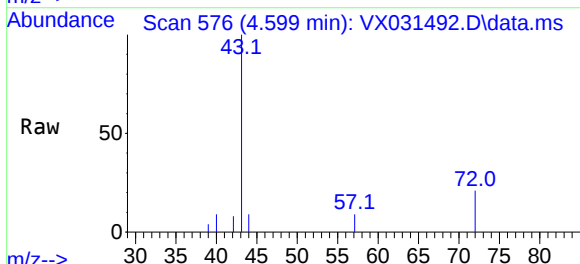
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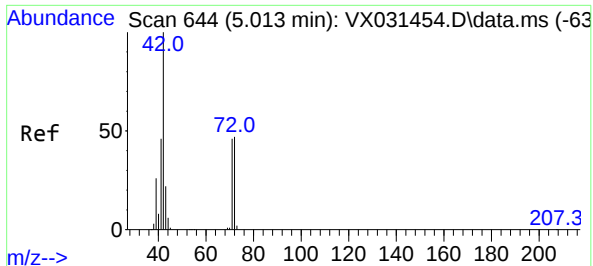
Tgt Ion: 43 Resp: 6394

Ion Ratio Lower Upper

43 100

72 21.2 21.1 31.7





#29

Tetrahydrofuran

Concen: 0.202 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX031492.D

Acq: 20 Sep 2022 13:50

Instrument :

MSVOA_X

ClientSampleId :

72-11930

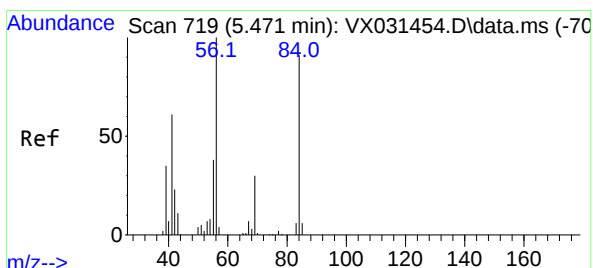
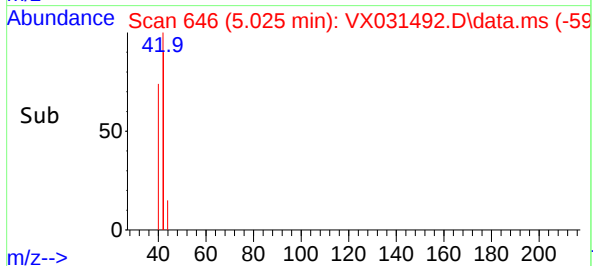
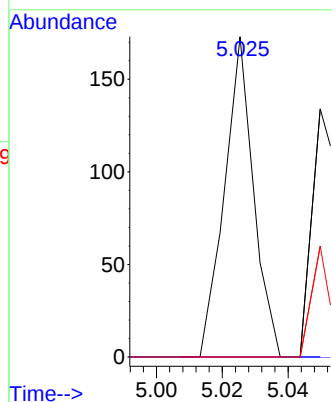
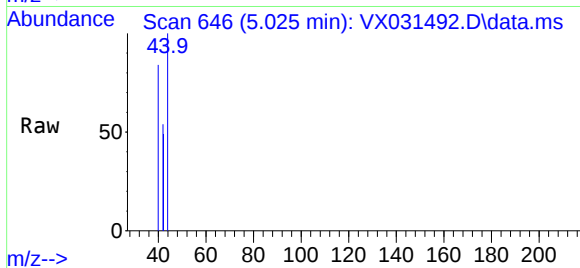
Tgt Ion: 42 Resp: 106

Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 0.0 33.5 50.3#



#31

Cyclohexane

Concen: 0.927 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.066 min

Lab File: VX031492.D

Acq: 20 Sep 2022 13:50

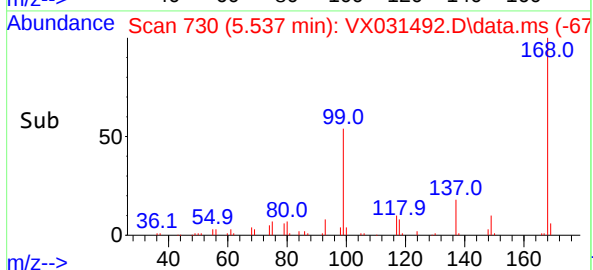
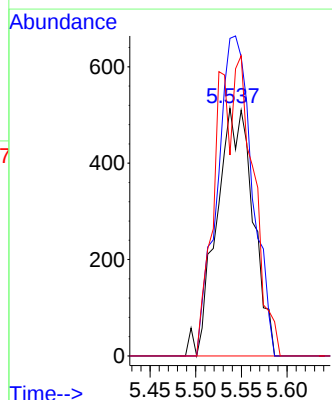
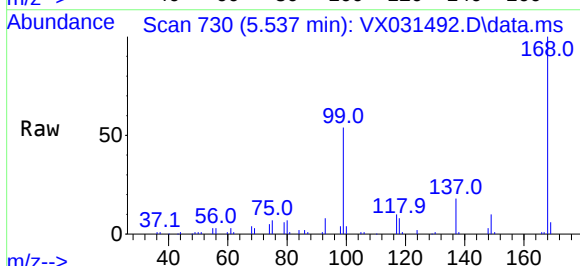
Tgt Ion: 56 Resp: 1433

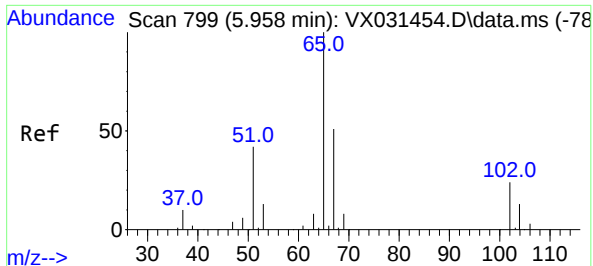
Ion Ratio Lower Upper

56 100

69 128.2 25.1 37.7#

84 81.1 70.2 105.4





#33

1,2-Dichloroethane-d4

Concen: 48.051 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031492.D

Acq: 20 Sep 2022 13:50

Instrument :

MSVOA_X

ClientSampleId :

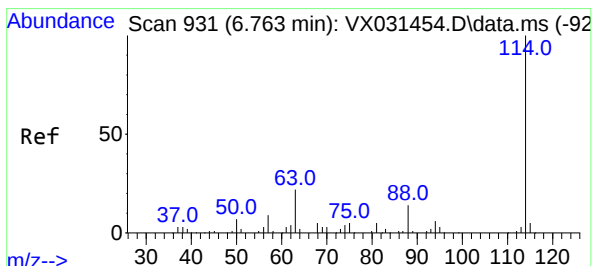
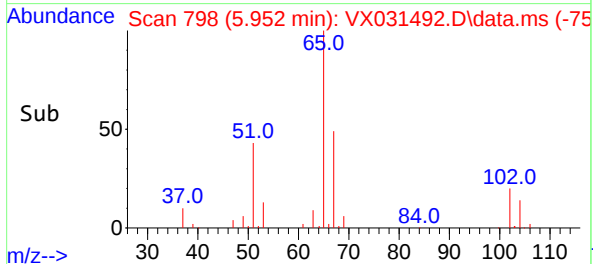
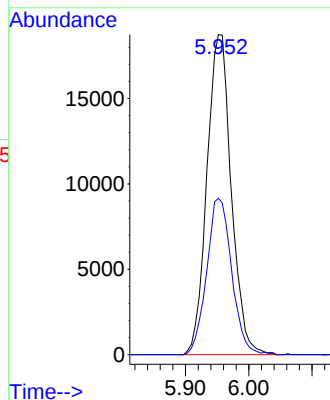
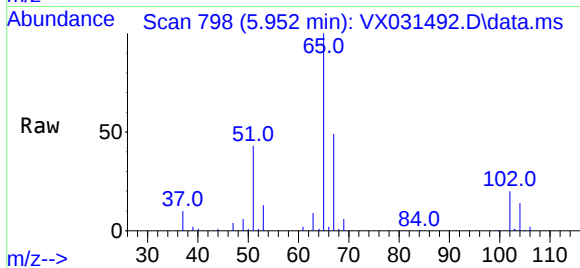
72-11930

Tgt Ion: 65 Resp: 50203

Ion Ratio Lower Upper

65 100

67 50.1 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031492.D

Acq: 20 Sep 2022 13:50

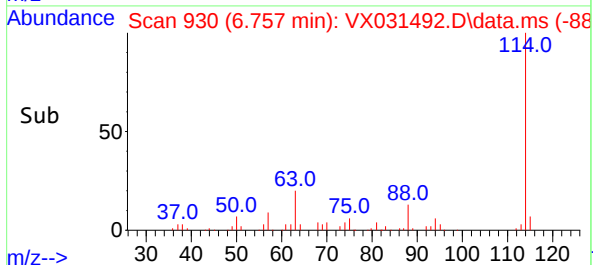
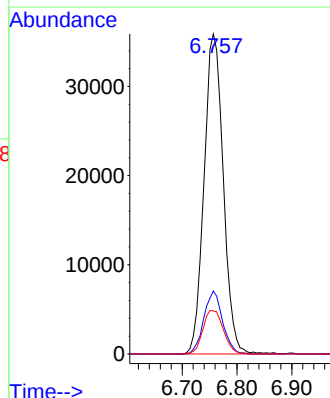
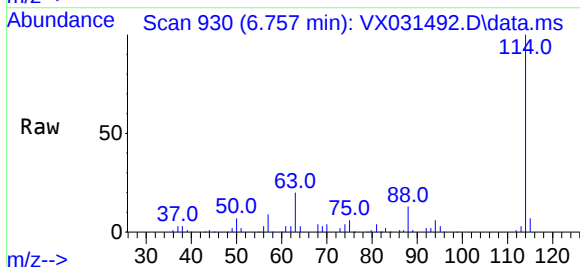
Tgt Ion: 114 Resp: 87233

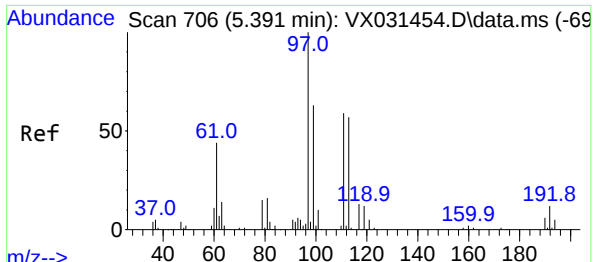
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 13.4 0.0 33.0



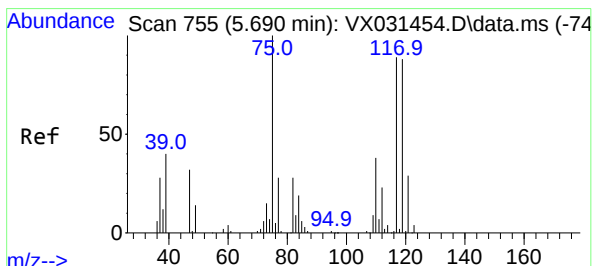
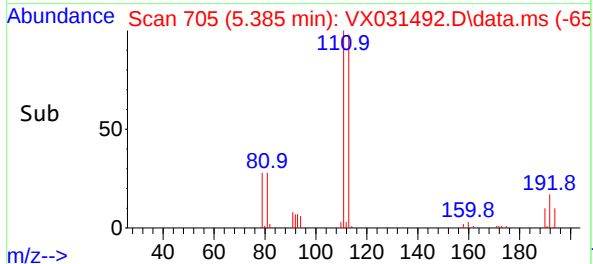
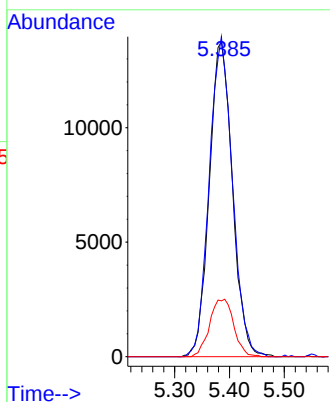
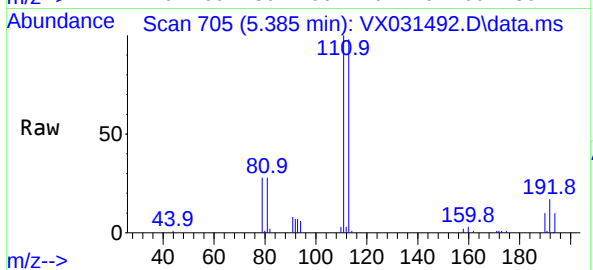


#35
Dibromofluoromethane
Concen: 44.511 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

Instrument :
MSVOA_X
ClientSampleId :
72-11930

Tgt Ion:113 Resp: 40205

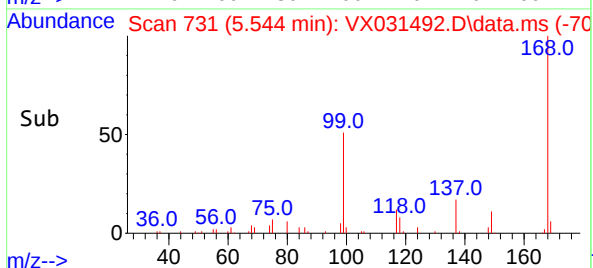
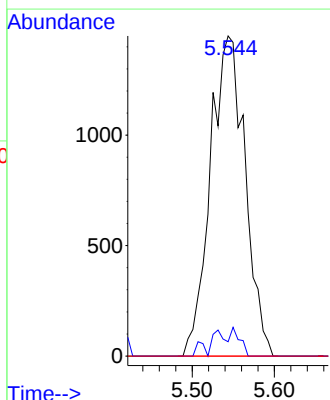
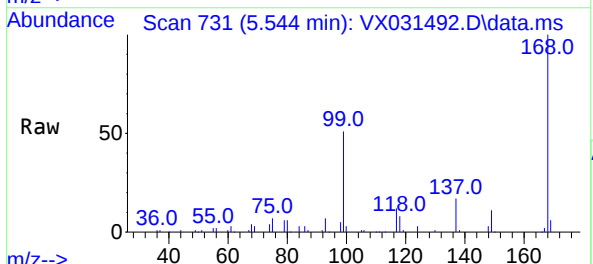
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.4	123.6
192	19.1	14.1	21.1

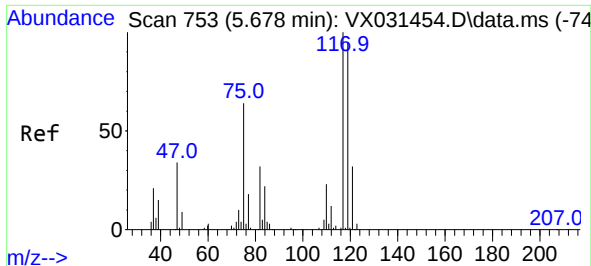


#36
1,1-Dichloropropene
Concen: 3.061 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

Tgt Ion: 75 Resp: 4245

Ion	Ratio	Lower	Upper
75	100		
110	2.4	17.5	52.5#
77	0.0	24.9	37.3#

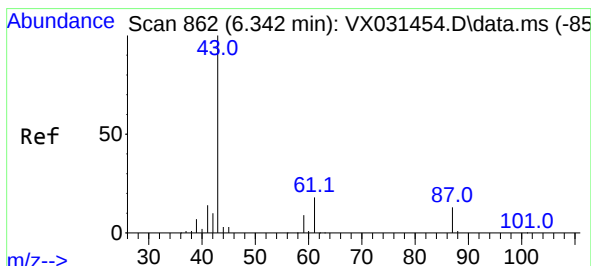
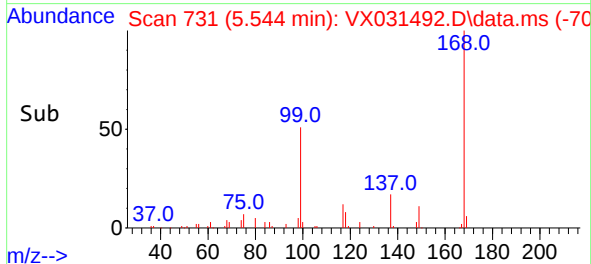
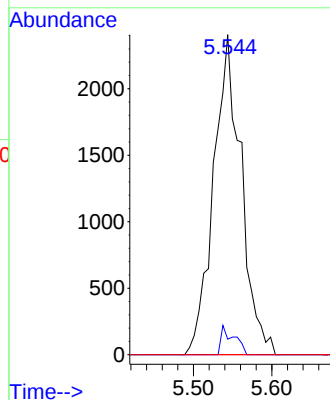
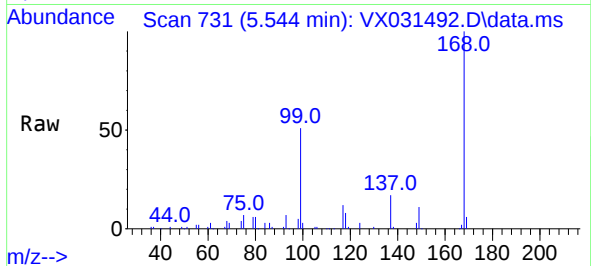




#38
Carbon Tetrachloride
Concen: 3.850 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

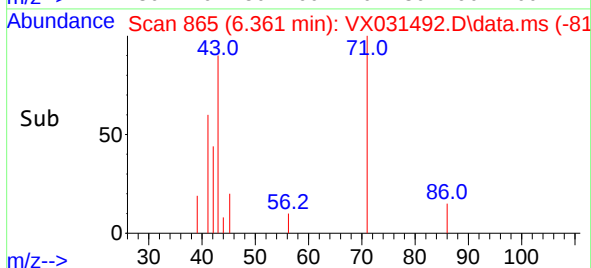
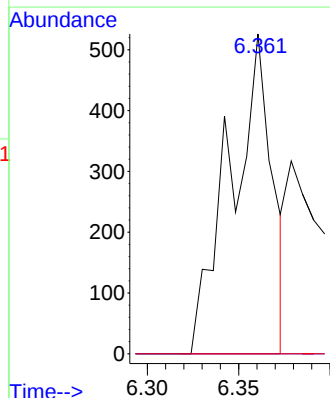
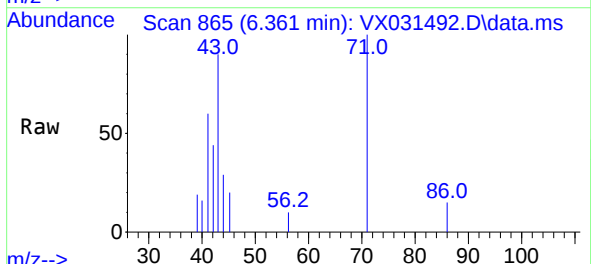
Instrument :
MSVOA_X
ClientSampleId :
72-11930

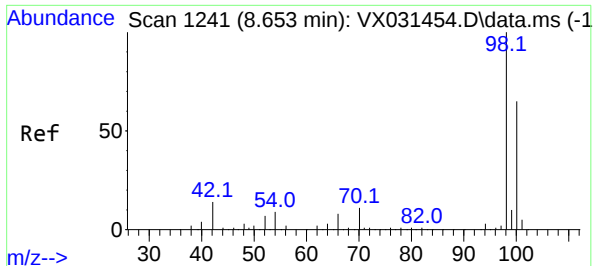
Tgt Ion:117 Resp: 5917
Ion Ratio Lower Upper
117 100
119 4.9 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 0.331 ug/l
RT: 6.361 min Scan# 865
Delta R.T. 0.019 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

Tgt Ion: 43 Resp: 841
Ion Ratio Lower Upper
43 100
61 0.0 15.3 22.9#
87 0.0 10.6 15.8#





#50

Toluene-d8

Concen: 43.186 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031492.D

Acq: 20 Sep 2022 13:50

Instrument :

MSVOA_X

ClientSampleId :

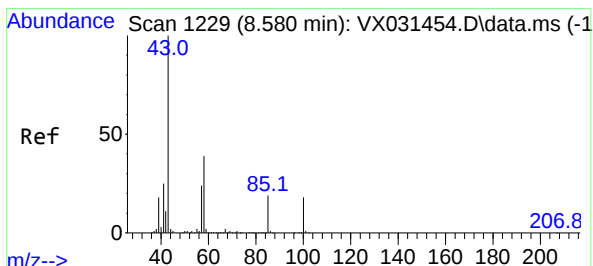
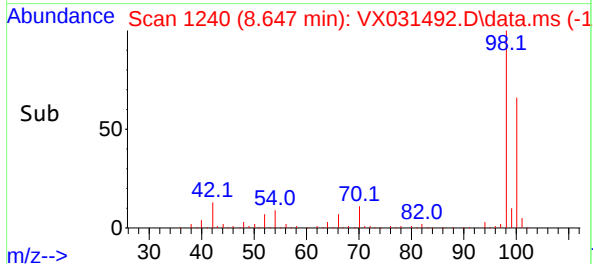
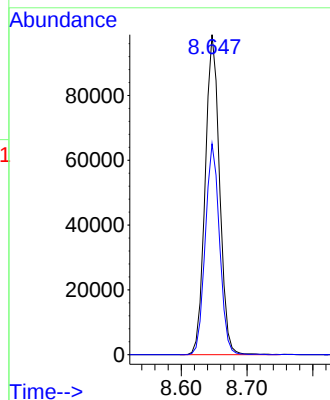
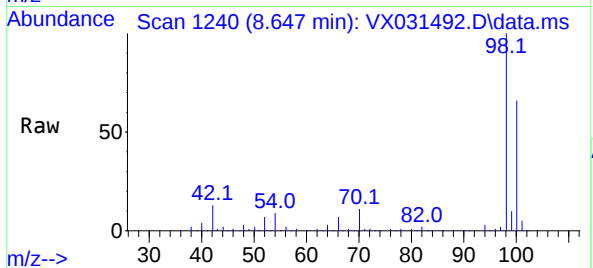
72-11930

Tgt Ion: 98 Resp: 150091

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.501 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX031492.D

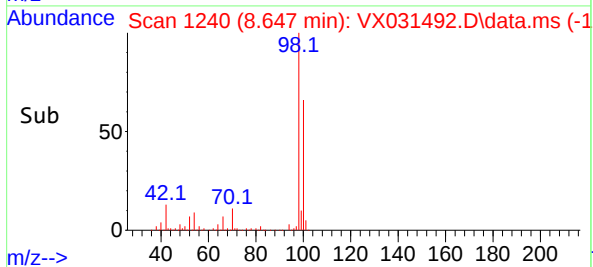
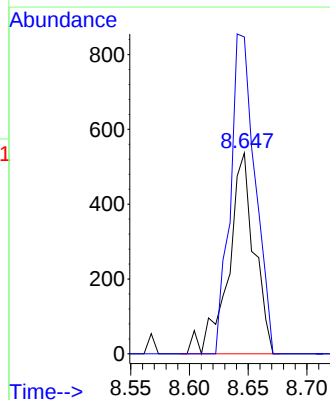
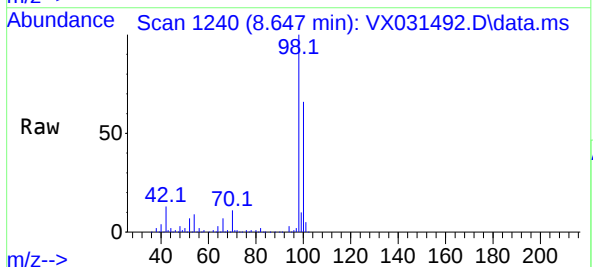
Acq: 20 Sep 2022 13:50

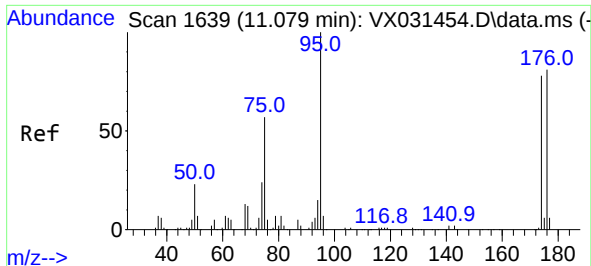
Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

43 100

58 153.4 30.6 46.0#

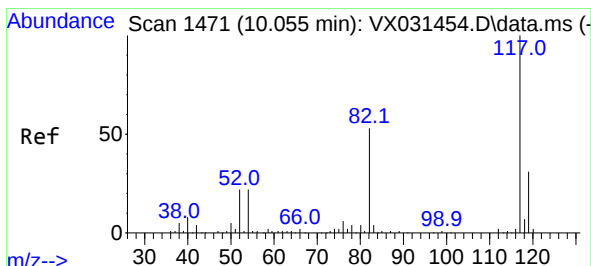
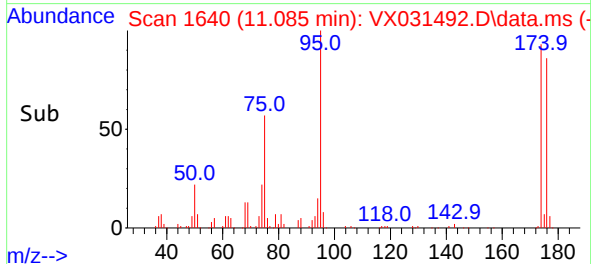
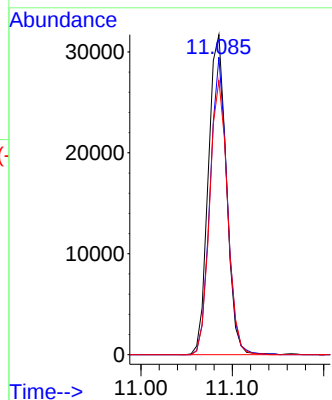
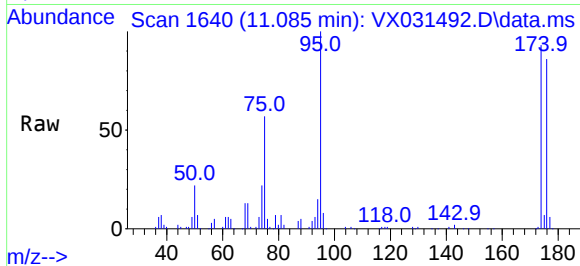




#62
4-Bromofluorobenzene
Concen: 36.869 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

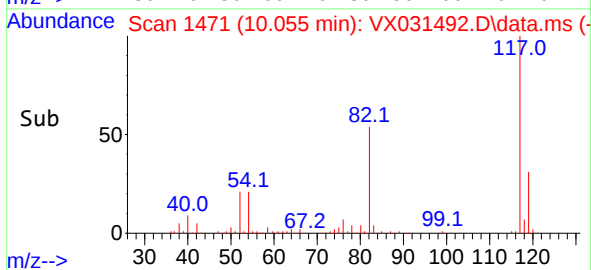
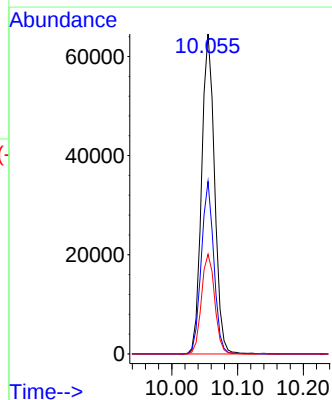
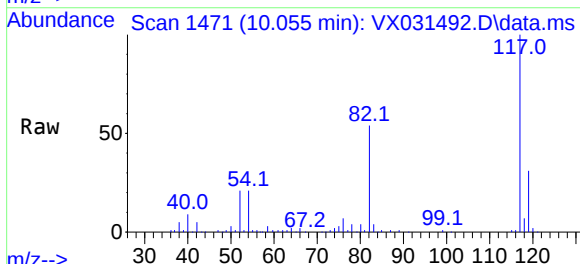
Instrument :
MSVOA_X
ClientSampleId :
72-11930

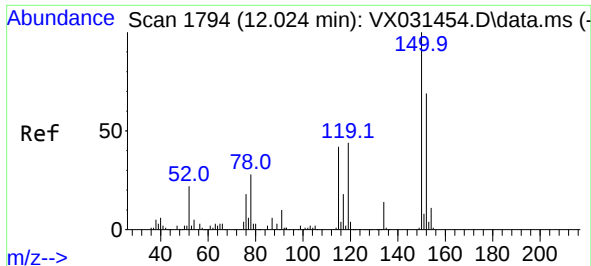
Tgt Ion: 95 Resp: 43403
Ion Ratio Lower Upper
95 100
174 87.5 0.0 153.2
176 84.4 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031492.D
Acq: 20 Sep 2022 13:50

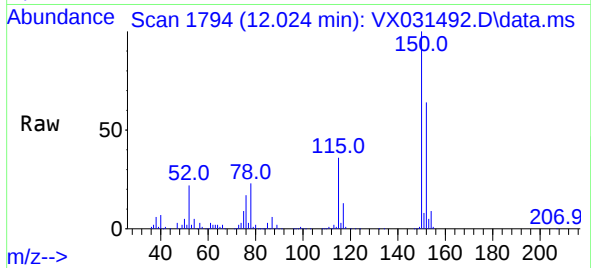
Tgt Ion: 117 Resp: 88689
Ion Ratio Lower Upper
117 100
82 53.9 46.8 70.2
119 31.2 26.4 39.6



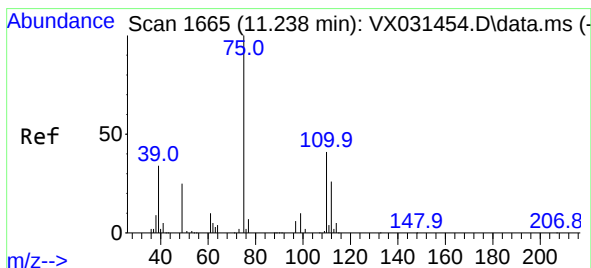
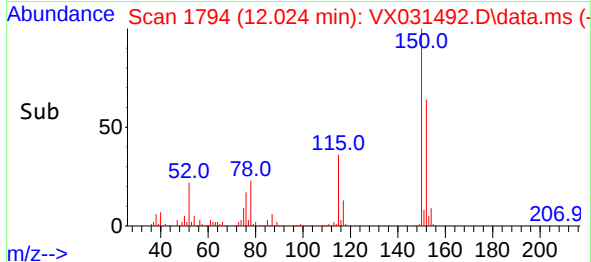
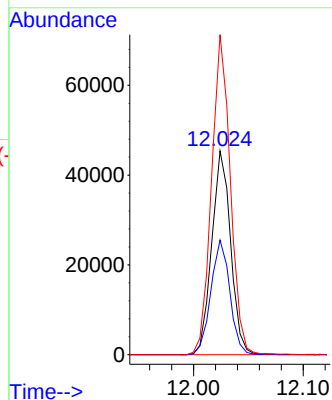


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031492.D
 Acq: 20 Sep 2022 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11930

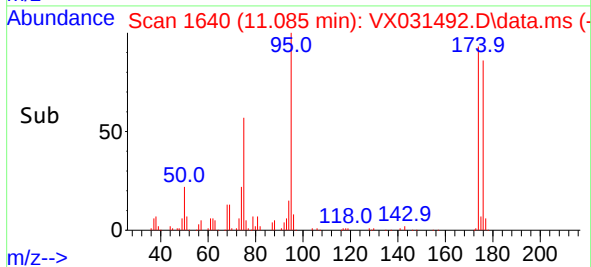
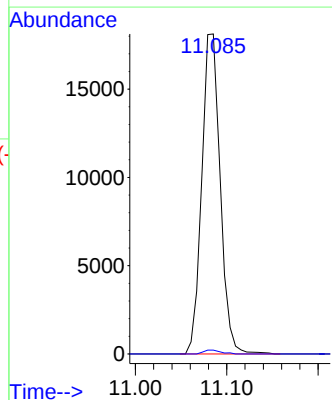
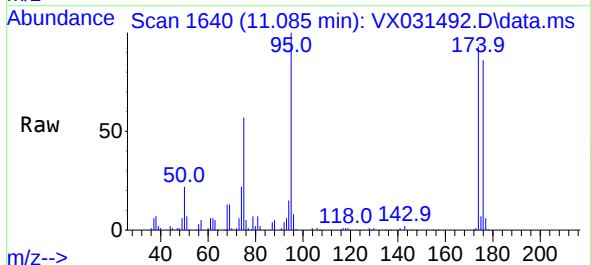


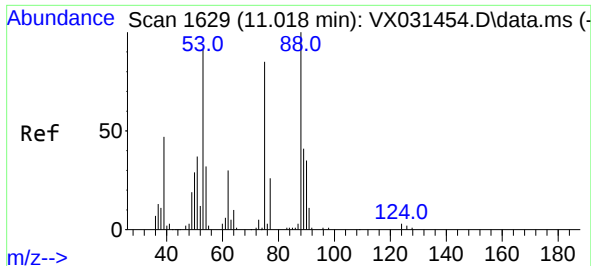
Tgt Ion:152 Resp: 54385
 Ion Ratio Lower Upper
 152 100
 115 56.6 43.4 130.1
 150 156.1 0.0 346.8



#76
 1,2,3-Trichloropropane
 Concen: 20.940 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.153 min
 Lab File: VX031492.D
 Acq: 20 Sep 2022 13:50

Tgt Ion: 75 Resp: 25417
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.423 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX031492.D
 Acq: 20 Sep 2022 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11930

Tgt Ion: 75 Resp: 25417
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

