

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022931.D
 Acq On : 25 Jun 2021 18:24
 Operator : JC/MD
 Sample : M2838-11DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 26 03:55:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

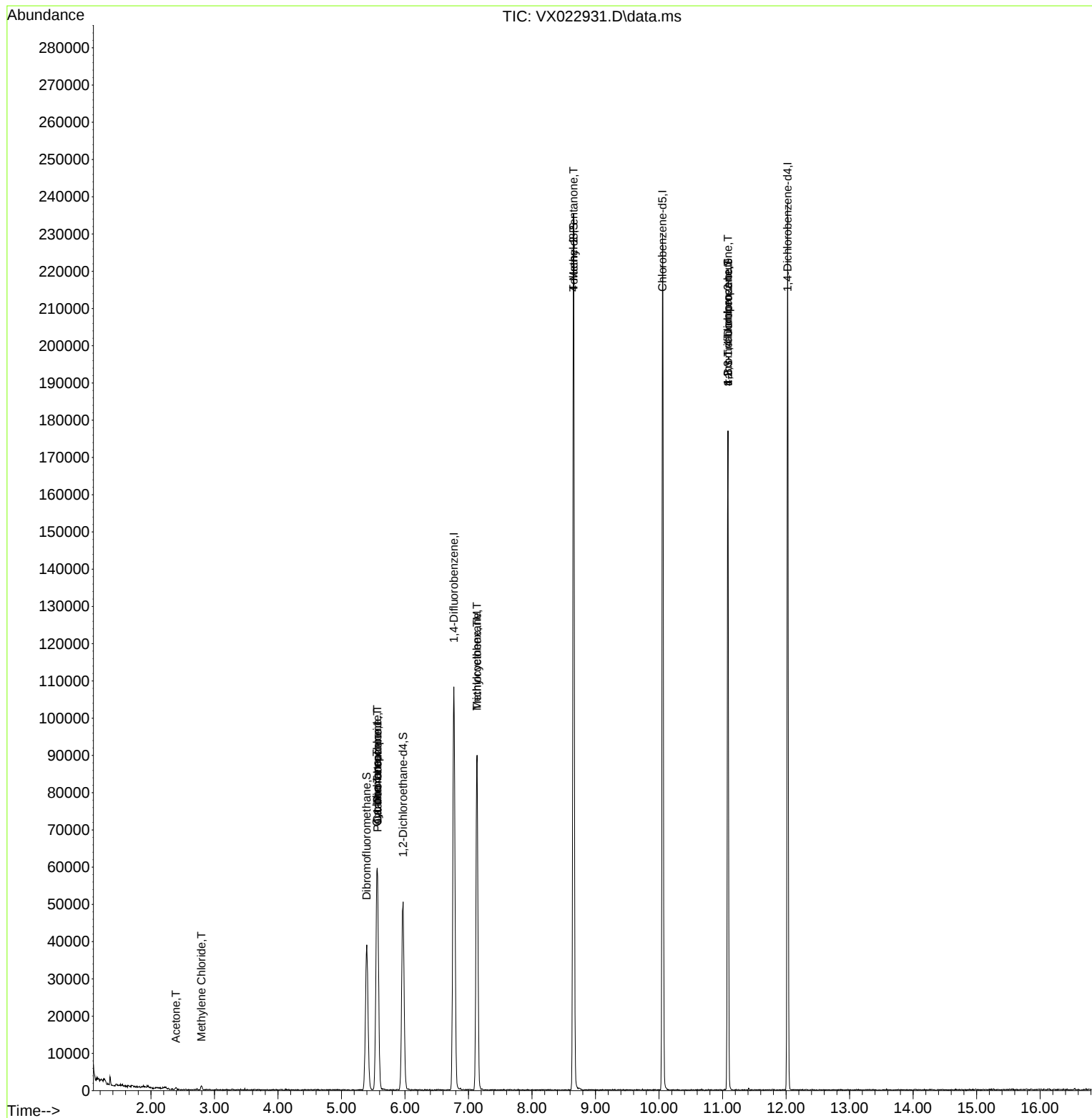
Internal Standards						
1) Pentafluorobenzene	5.568	168	50756	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.769	114	103924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41112	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	47239	51.28	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.56%
35) Dibromofluoromethane	5.397	113	32337	49.00	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.00%
50) Toluene-d8	8.653	98	132407	51.19	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.38%
62) 4-Bromofluorobenzene	11.085	95	47150	48.85	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.70%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	567	1.39	ug/l #	80
20) Methylene Chloride	2.794	84	483	0.96	ug/l #	83
31) Cyclohexane	5.556	56	1591	1.22	ug/l #	41
36) 1,1-Dichloropropene	5.562	75	5355	4.85	ug/l #	47
38) Carbon Tetrachloride	5.562	117	6049	6.53	ug/l #	15
39) Methylcyclohexane	7.135	83	447	0.35	ug/l #	1
44) Trichloroethene	7.135	130	30462	40.36	ug/l	89
51) 4-Methyl-2-Pentanone	8.653	43	785	0.61	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	26130	24.06	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	26130	63.04	ug/l #	12

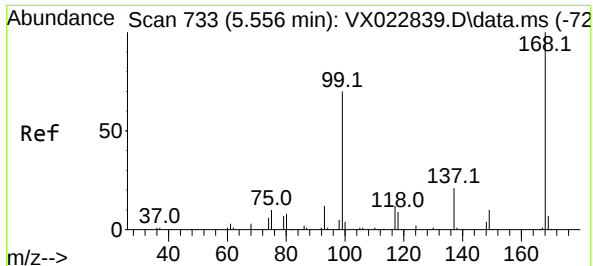
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 19:12:26 2021
Response via : Initial Calibration

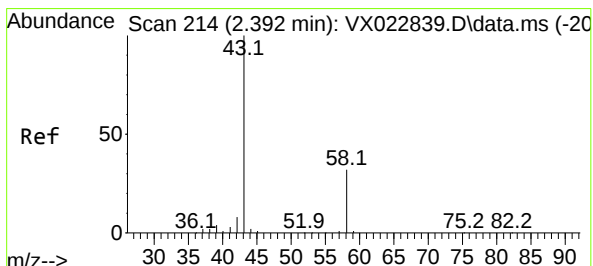
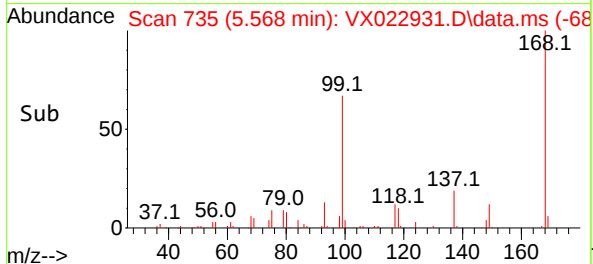
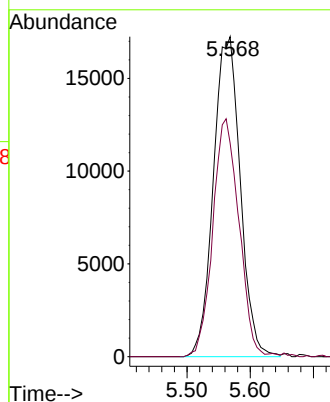
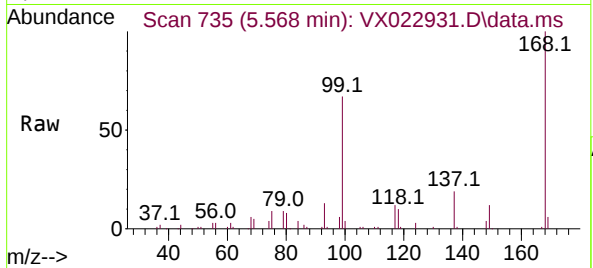




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.012 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

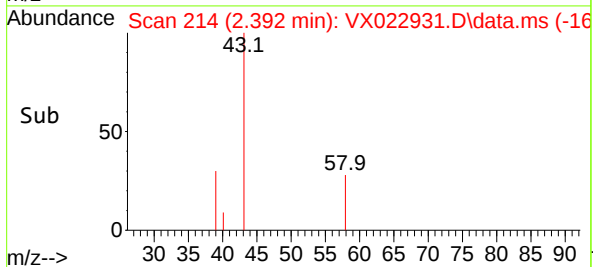
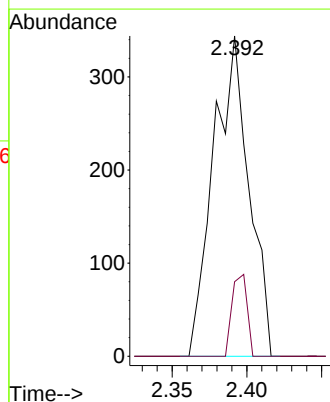
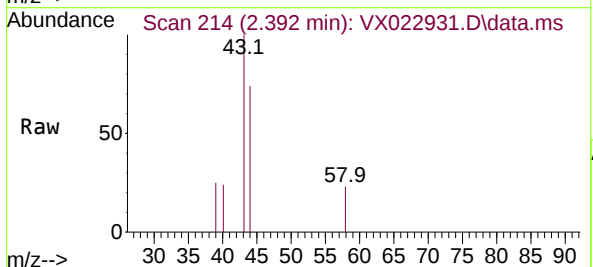
Instrument :
MSVOA_X
ClientSampleId :

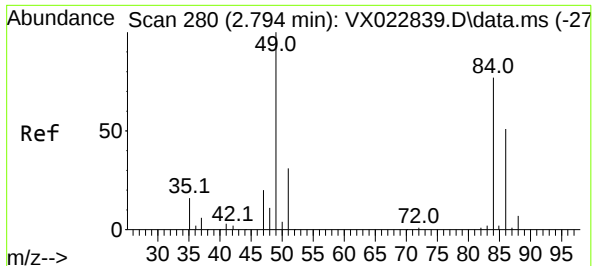
Tgt Ion:168 Resp: 50756
Ion Ratio Lower Upper
168 100
99 66.8 45.8 68.6



#16
Acetone
Concen: 1.39 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

Tgt Ion: 43 Resp: 567
Ion Ratio Lower Upper
43 100
58 23.3 27.8 41.8#





#20

Methylene Chloride

Concen: 0.96 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022931.D

Acq: 25 Jun 2021 18:24

Tgt Ion: 84 Resp: 483

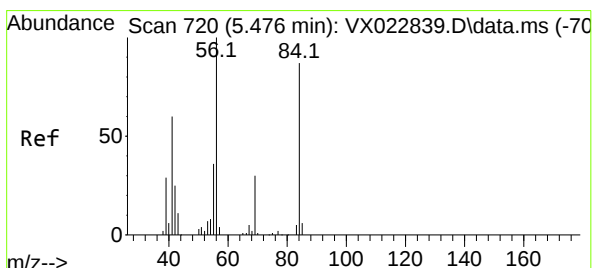
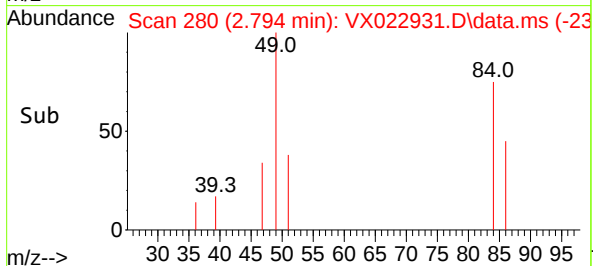
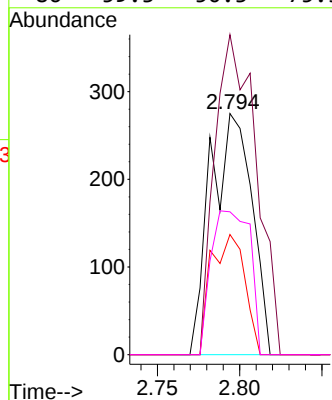
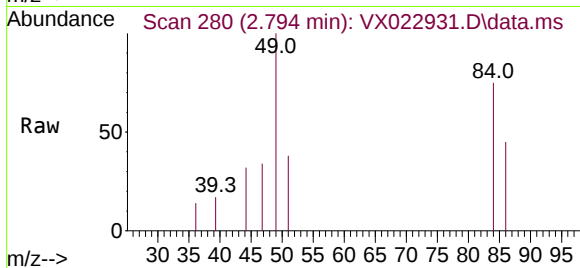
Ion Ratio Lower Upper

84 100

49 132.7 88.6 132.8

51 49.8 27.0 40.6#

86 59.3 50.3 75.5



#31

Cyclohexane

Concen: 1.22 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX022931.D

Acq: 25 Jun 2021 18:24

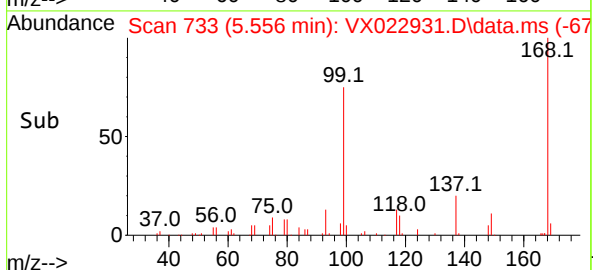
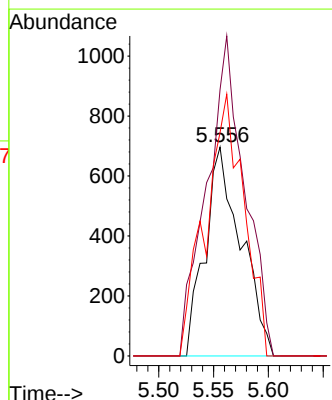
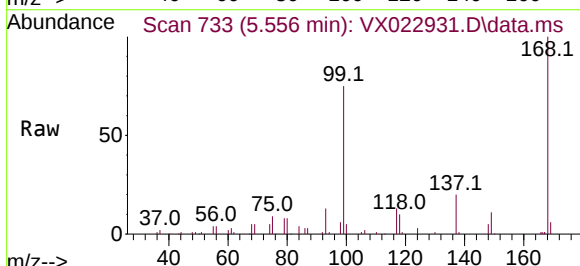
Tgt Ion: 56 Resp: 1591

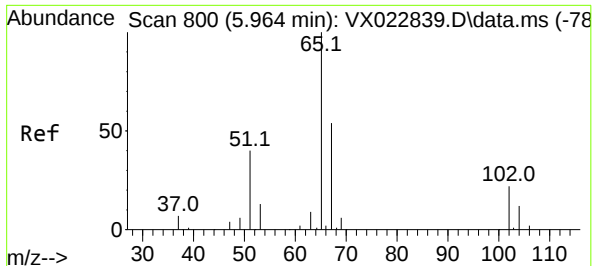
Ion Ratio Lower Upper

56 100

69 127.6 25.3 37.9#

84 107.0 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.28 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.006 min

Lab File: VX022931.D

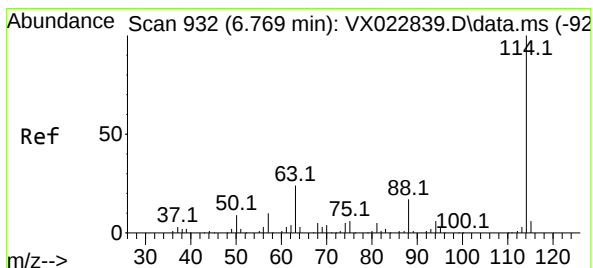
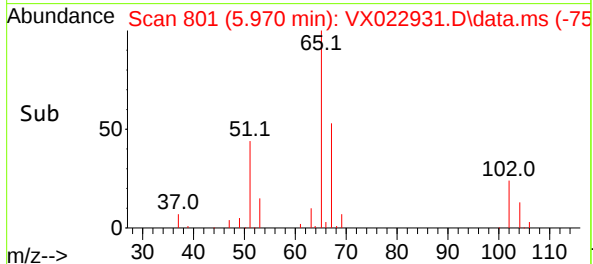
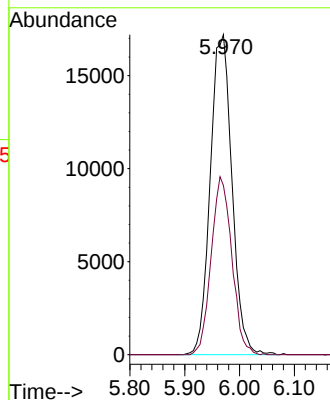
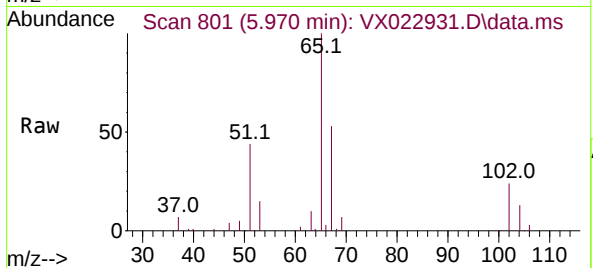
Acq: 25 Jun 2021 18:24

Tgt Ion: 65 Resp: 47239

Ion Ratio Lower Upper

65 100

67 52.9 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022931.D

Acq: 25 Jun 2021 18:24

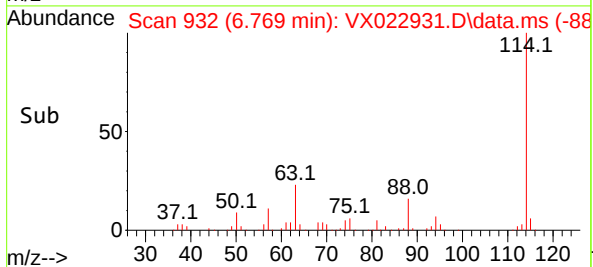
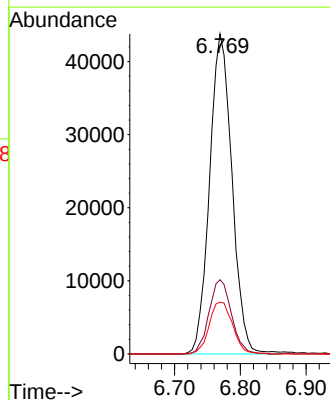
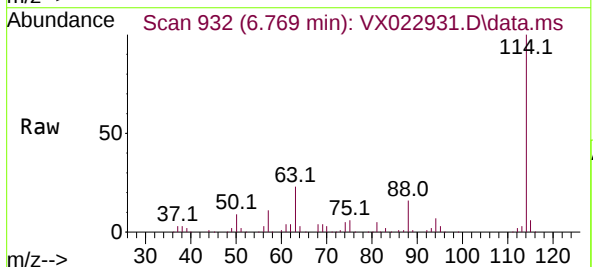
Tgt Ion:114 Resp: 103924

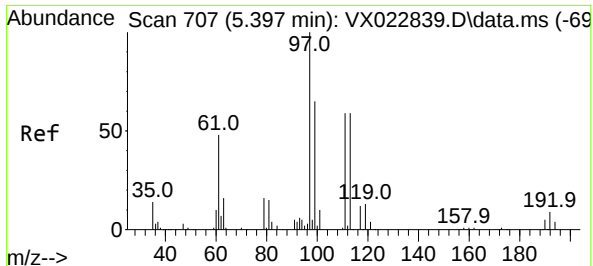
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.8

88 16.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.00 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022931.D

Acq: 25 Jun 2021 18:24

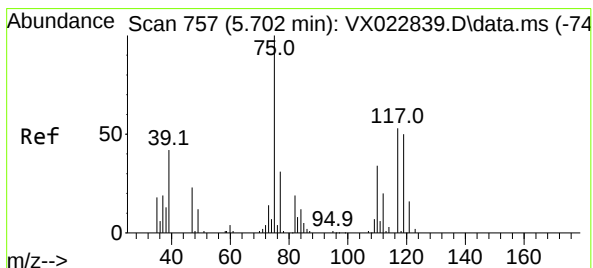
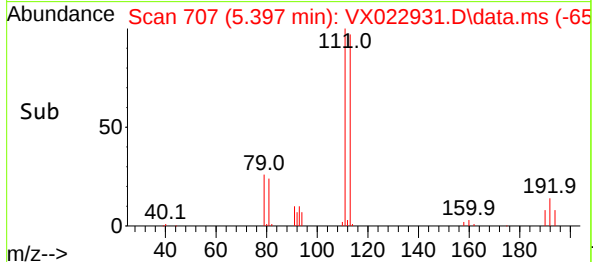
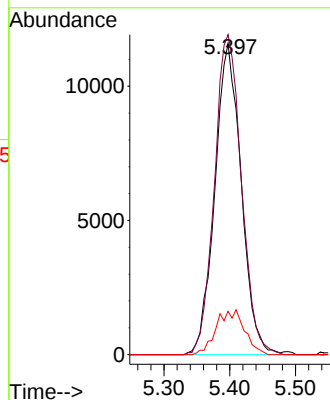
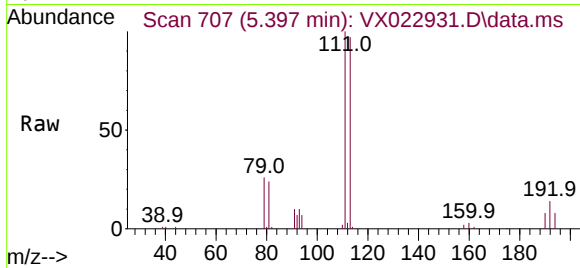
Tgt Ion:113 Resp: 32337

Ion Ratio Lower Upper

113 100

111 105.2 81.9 122.9

192 15.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022931.D

Acq: 25 Jun 2021 18:24

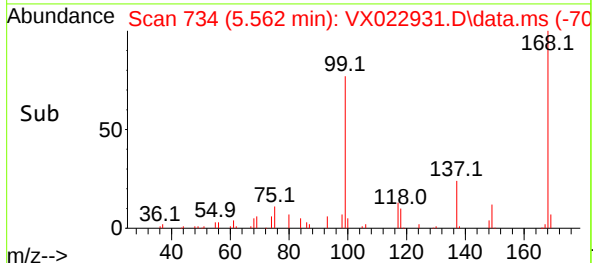
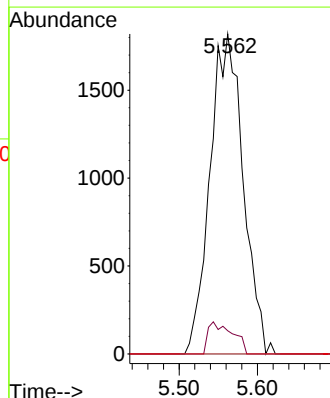
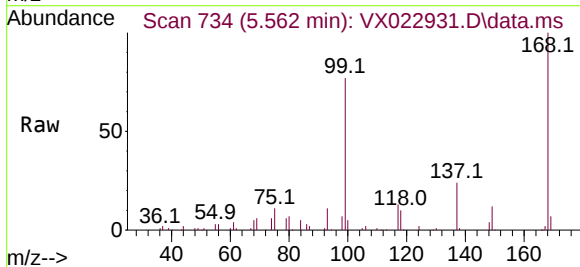
Tgt Ion: 75 Resp: 5355

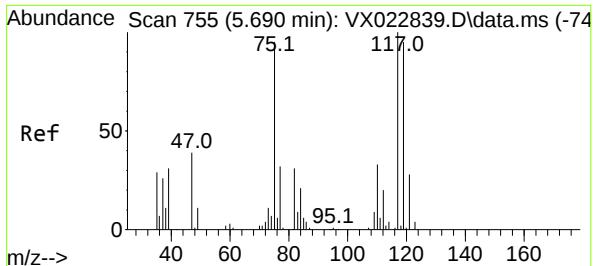
Ion Ratio Lower Upper

75 100

110 7.4 18.1 54.4#

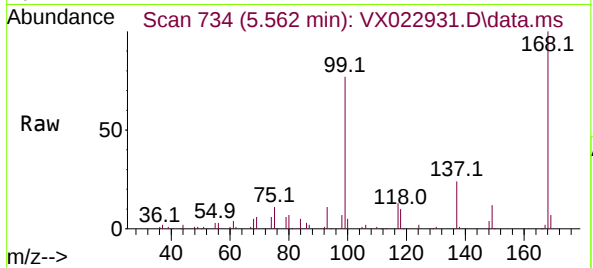
77 0.0 25.3 37.9#



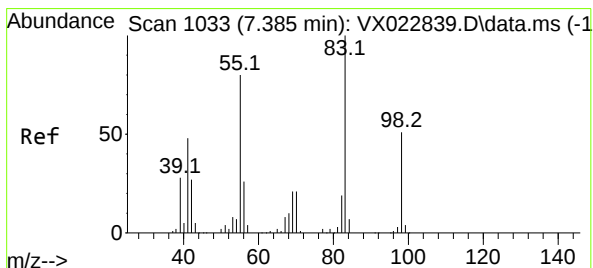
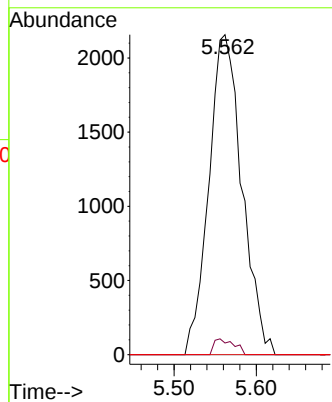
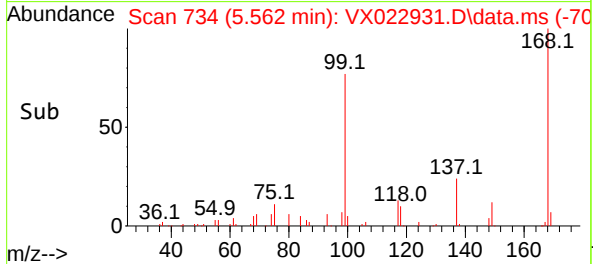


#38
Carbon Tetrachloride
Concen: 6.53 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

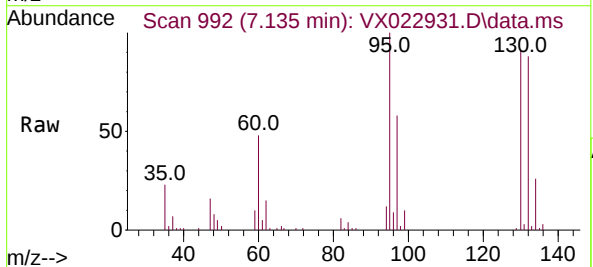
Instrument :
MSVOA_X
ClientSampled :



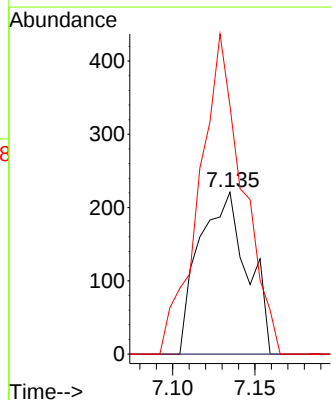
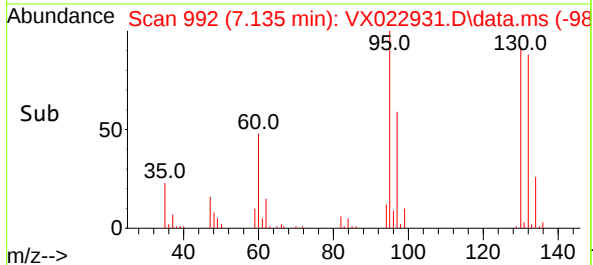
Tgt Ion:117 Resp: 6049
Ion Ratio Lower Upper
117 100
119 3.6 76.2 114.2#
121 0.0 24.8 37.2#

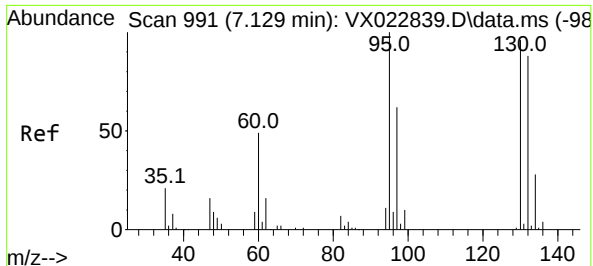


#39
Methylcyclohexane
Concen: 0.35 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.250 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24



Tgt Ion: 83 Resp: 447
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 153.4 38.1 57.1#





#44

Trichloroethene

Concen: 40.36 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022931.D

Acq: 25 Jun 2021 18:24

Tgt Ion:130 Resp: 30462

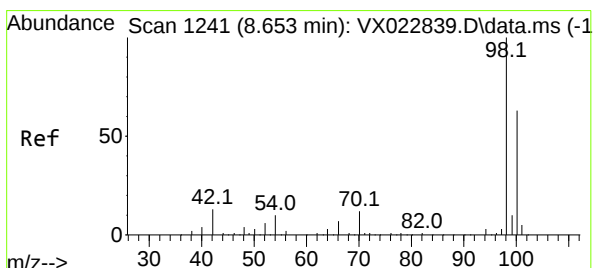
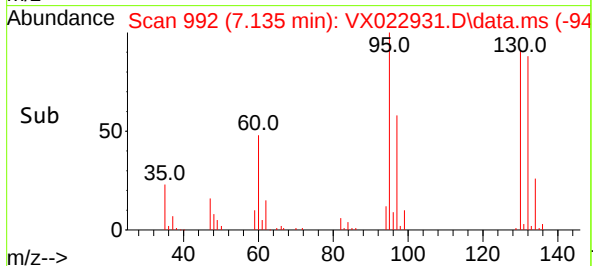
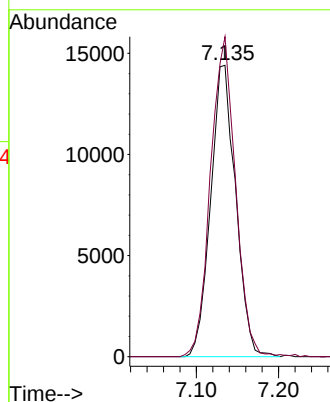
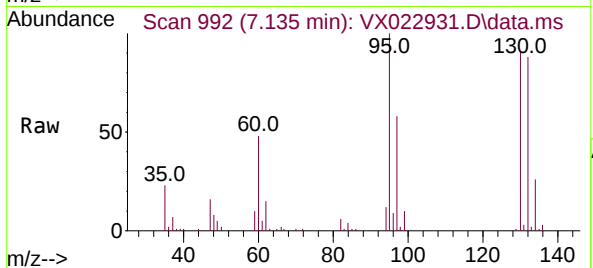
Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	198.0

Instrument :

MSVOA_X

ClientSampled :



#50

Toluene-d8

Concen: 51.19 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

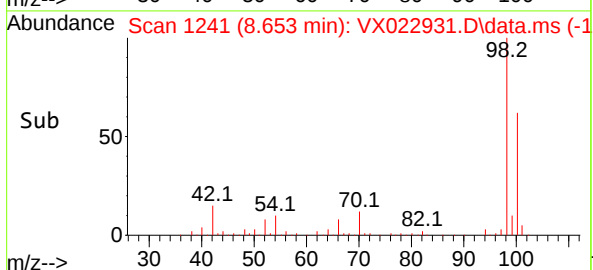
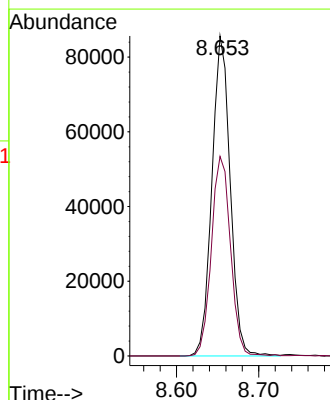
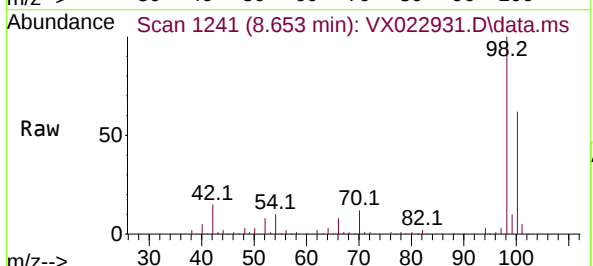
Lab File: VX022931.D

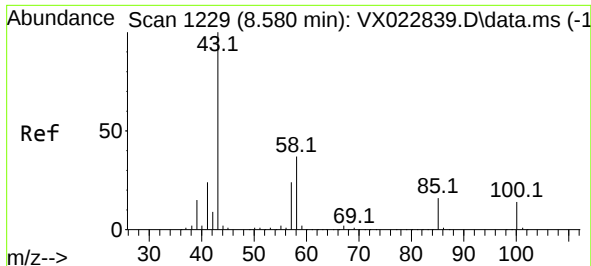
Acq: 25 Jun 2021 18:24

Tgt Ion: 98 Resp: 132407

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9

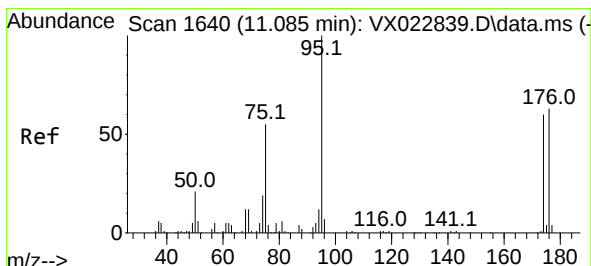
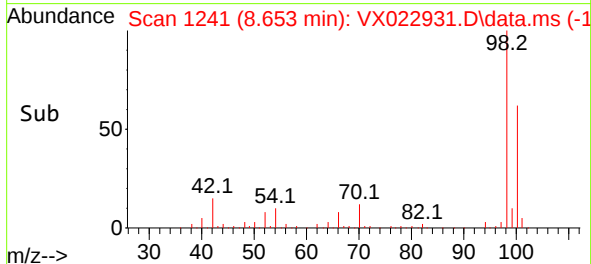
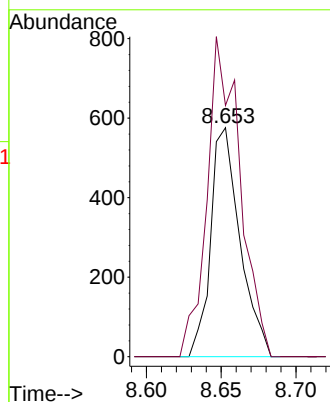
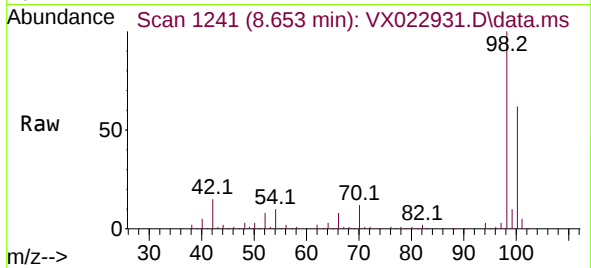




#51
4-Methyl-2-Pentanone
Concen: 0.61 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

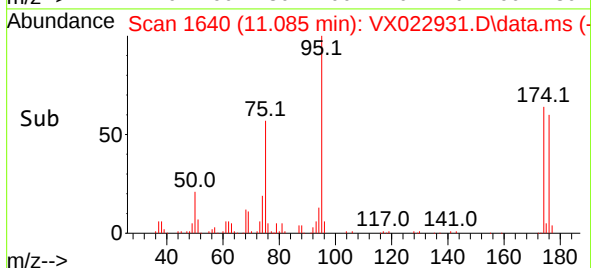
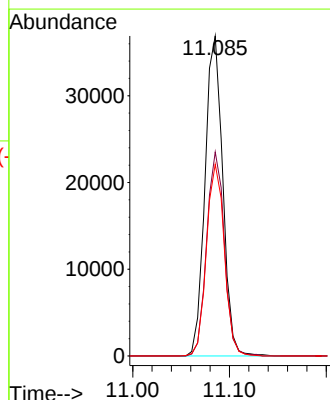
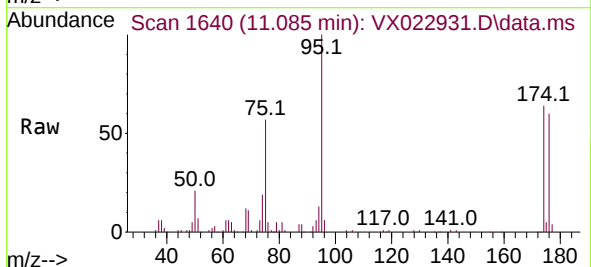
Instrument :
MSVOA_X
ClientSampled :

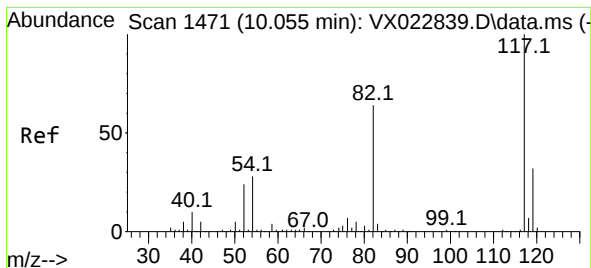
Tgt Ion: 43 Resp: 785
Ion Ratio Lower Upper
43 100
58 157.1 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.85 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

Tgt Ion: 95 Resp: 47150
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 60.4 0.0 155.8

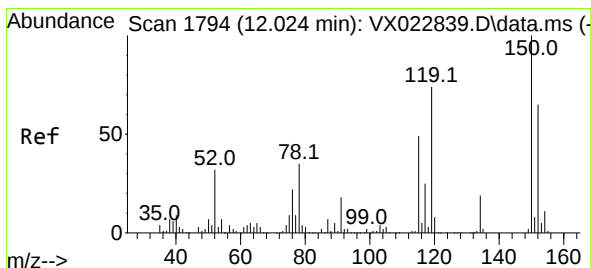
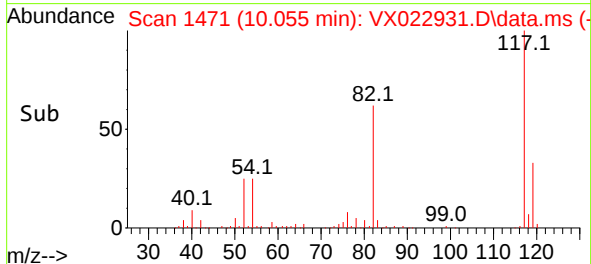
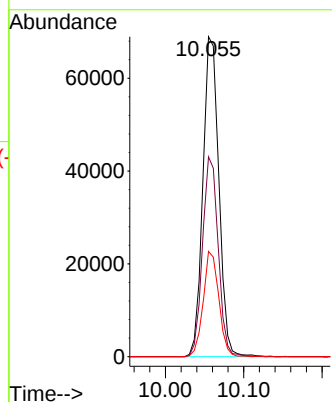
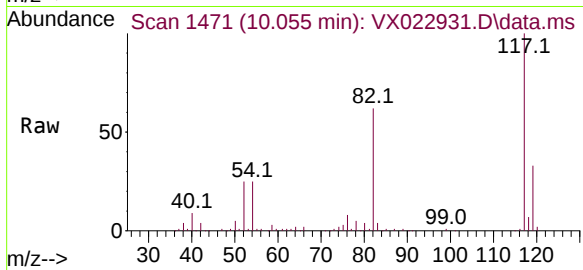




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

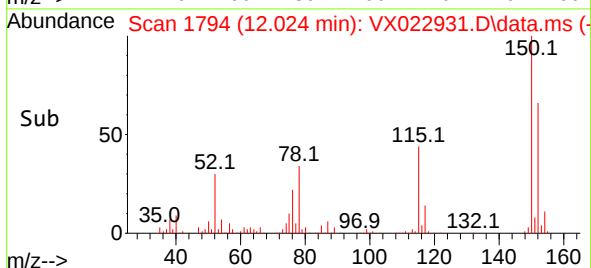
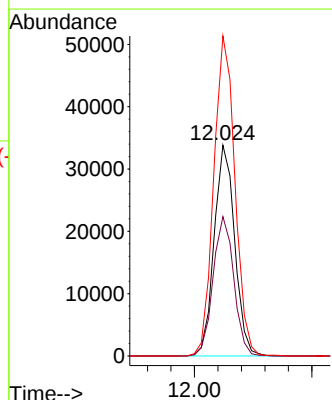
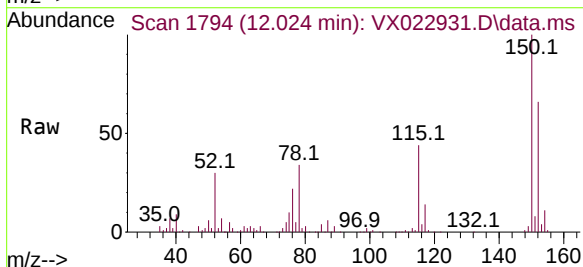
Instrument :
MSVOA_X
ClientSampleId :

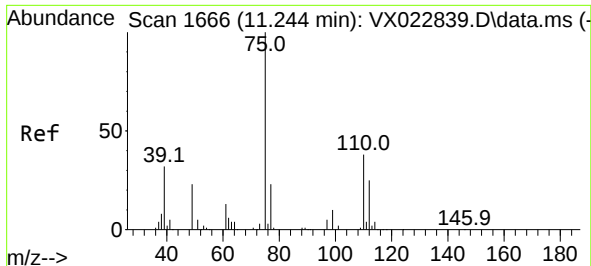
Tgt Ion:117 Resp: 97524
Ion Ratio Lower Upper
117 100
82 62.4 47.4 71.2
119 32.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

Tgt Ion:152 Resp: 41112
Ion Ratio Lower Upper
152 100
115 66.7 41.1 123.3
150 156.3 0.0 349.0

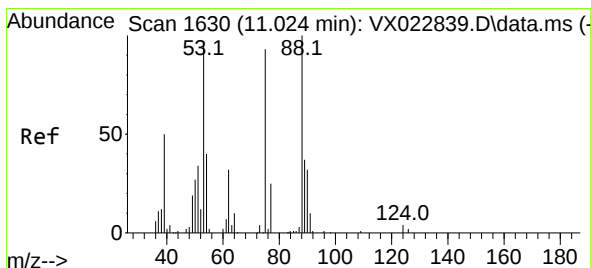
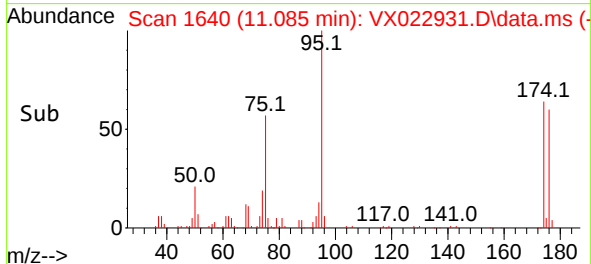
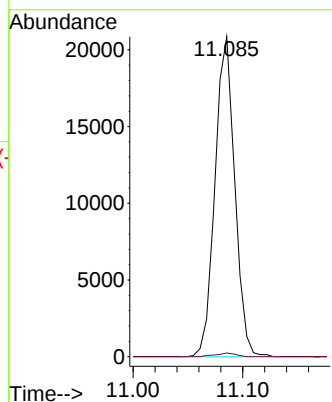
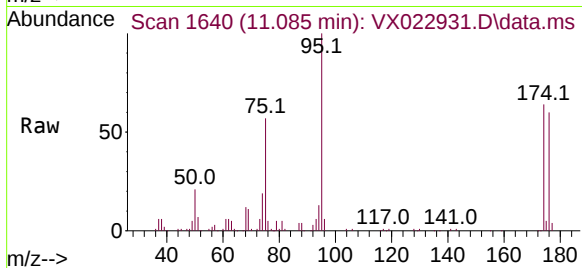




#76
1,2,3-Trichloropropane
Concen: 24.06 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 26130
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022931.D
Acq: 25 Jun 2021 18:24

Tgt Ion: 75 Resp: 26130
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.2 37.9 56.9#

