

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026826.D
 Acq On : 08 Feb 2022 16:46
 Operator : JC/MD
 Sample : N1398-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 09 03:04:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

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

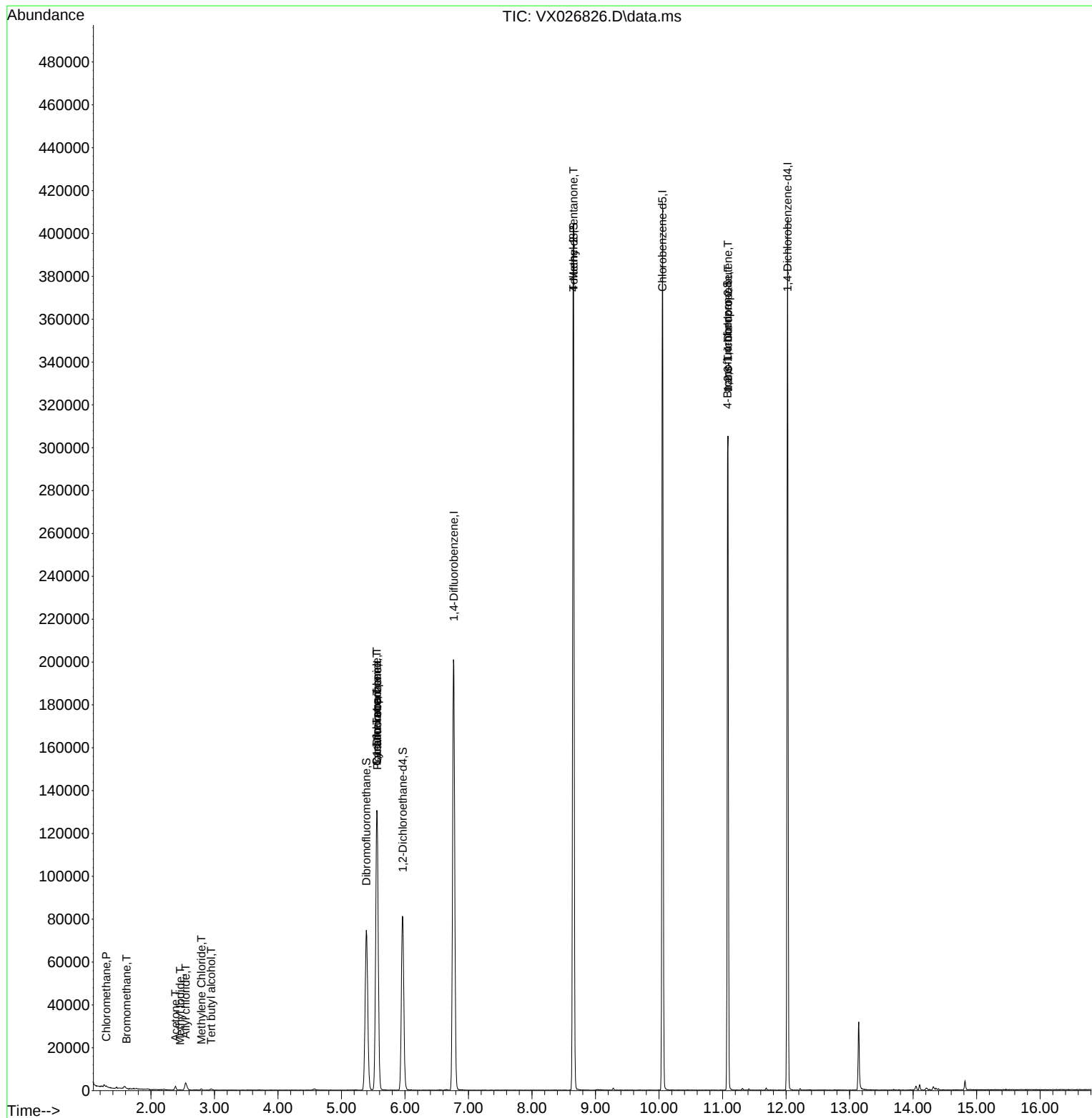
Internal Standards						
1) Pentafluorobenzene	5.562	168	125427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	210281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	80046	53.165	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.320%	
35) Dibromofluoromethane	5.391	113	65518	52.297	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.600%	
50) Toluene-d8	8.653	98	239666	52.116	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.240%	
62) 4-Bromofluorobenzene	11.079	95	86987	53.727	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	258	0.203	ug/l	97
5) Bromomethane	1.618	94	150	0.266	ug/l #	64
6) Chloroethane	1.953	64	21	Below Cal	#	43
10) Methyl Iodide	2.459	142	65	2.289	ug/l #	37
11) Tert butyl alcohol	2.947	59	330	1.213	ug/l #	75
14) Allyl chloride	2.544	41	507	0.223	ug/l #	72
16) Acetone	2.386	43	1936	2.928	ug/l	92
20) Methylene Chloride	2.794	84	328	0.229	ug/l #	81
31) Cyclohexane	5.556	56	2485	1.039	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9406	4.759	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12622	6.090	ug/l #	18
51) 4-Methyl-2-Pentanone	8.653	43	1101	0.526	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	42328	24.160	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.085	75	42328	73.807	ug/l #	3

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

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Sample : N1398-04
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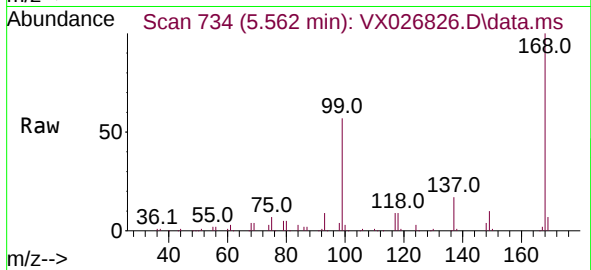
Quant Time: Feb 09 03:04:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



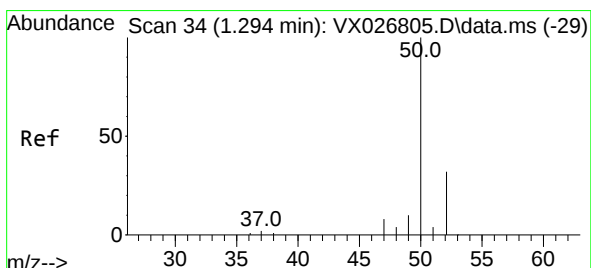
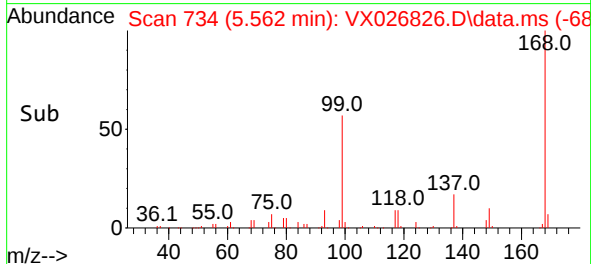
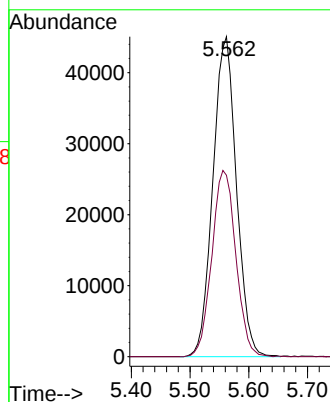


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :

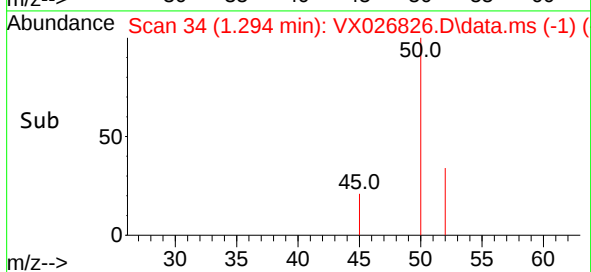
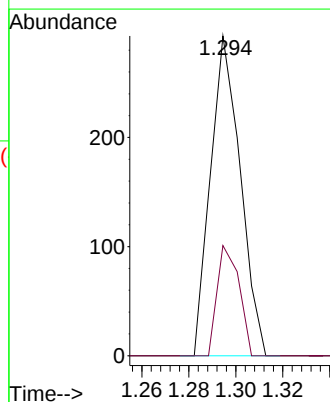
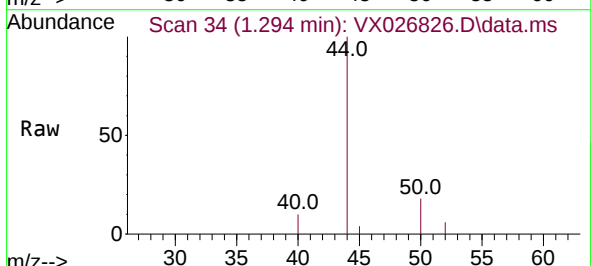


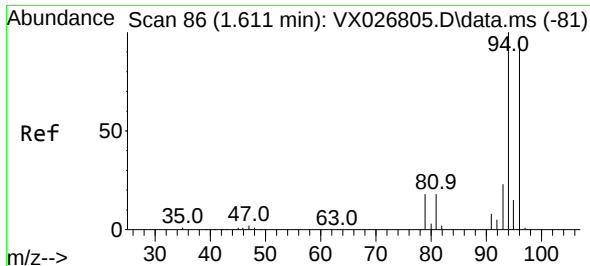
Tgt Ion:168 Resp: 125427
Ion Ratio Lower Upper
168 100
99 56.7 50.3 75.5



#3
Chloromethane
Concen: 0.203 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

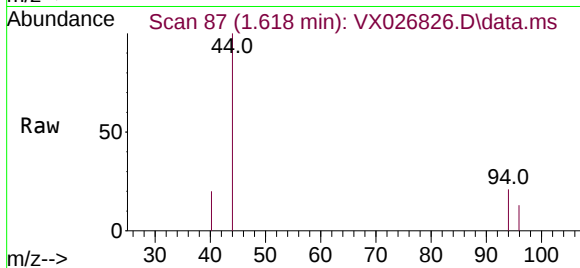
Tgt Ion: 50 Resp: 258
Ion Ratio Lower Upper
50 100
52 34.5 26.1 39.1



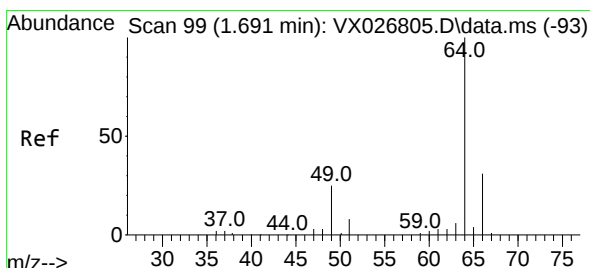
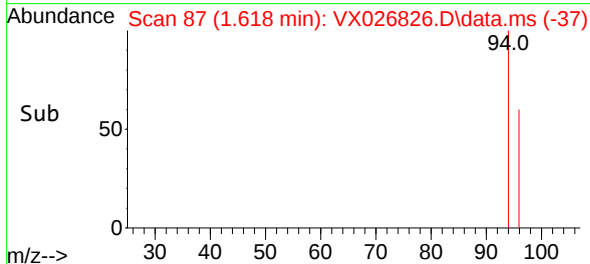
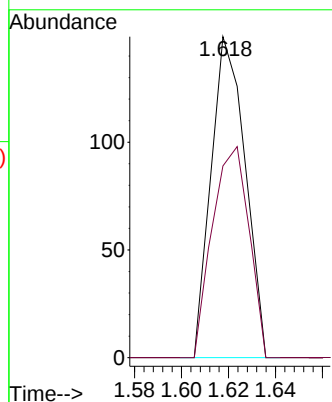


#5
Bromomethane
Concen: 0.266 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :

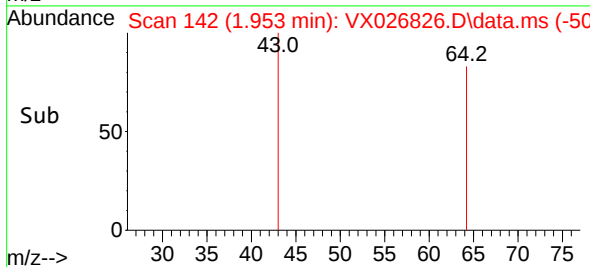
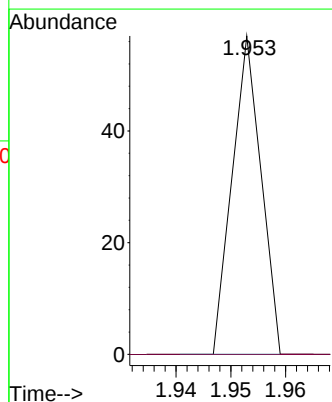
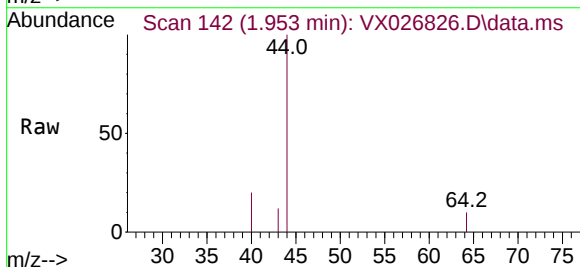


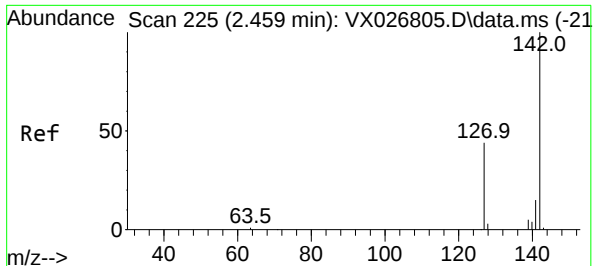
Tgt Ion: 94 Resp: 150
Ion Ratio Lower Upper
94 100
96 59.7 75.9 113.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.953 min Scan# 142
Delta R.T. 0.262 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

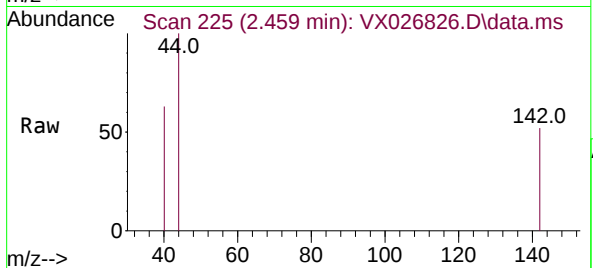
Tgt Ion: 64 Resp: 21
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



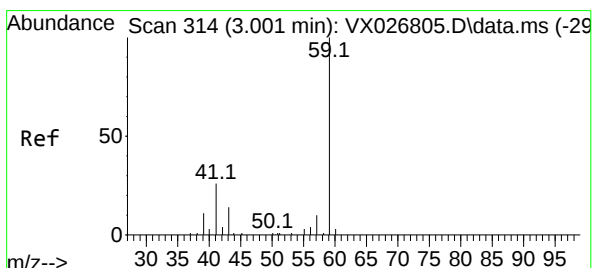
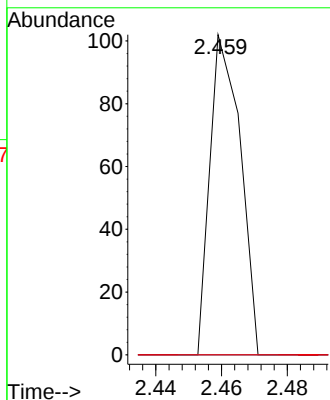
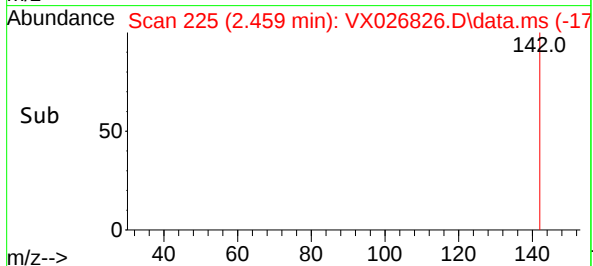


#10
Methyl Iodide
Concen: 2.289 ug/l
RT: 2.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :

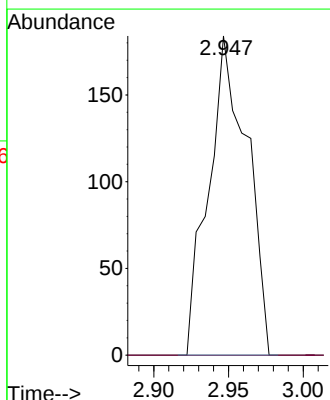
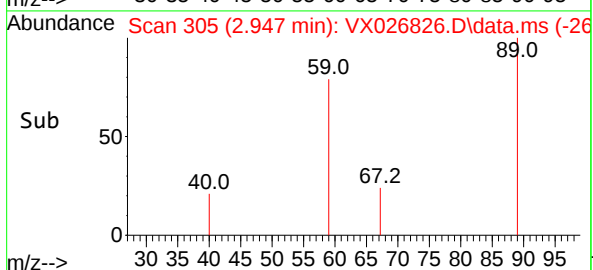
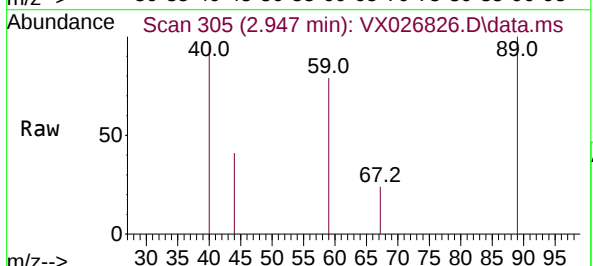


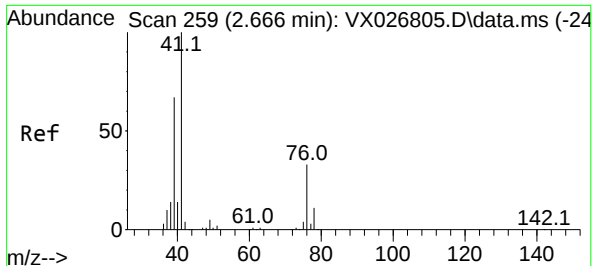
Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 38.1 57.1#
141 0.0 11.2 16.8#



#11
Tert butyl alcohol
Concen: 1.213 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#14

Allyl chloride

Concen: 0.223 ug/l

RT: 2.544 min Scan# 21

Delta R.T. -0.122 min

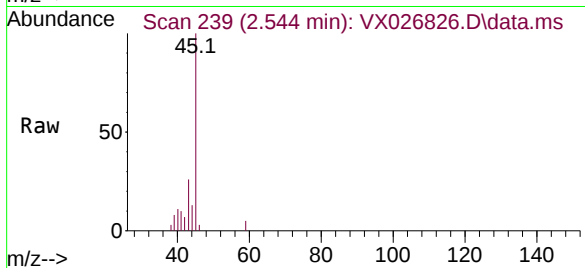
Lab File: VX026826.D

Acq: 08 Feb 2022 16:46

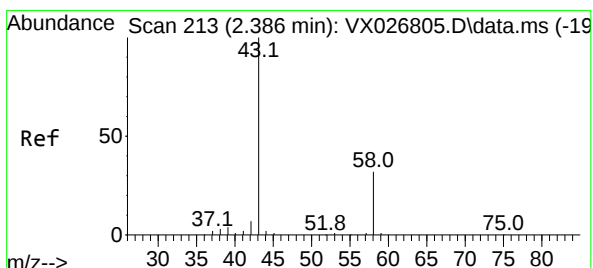
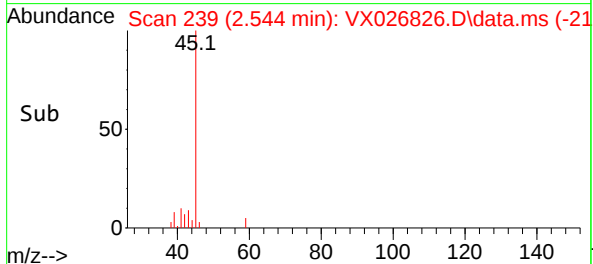
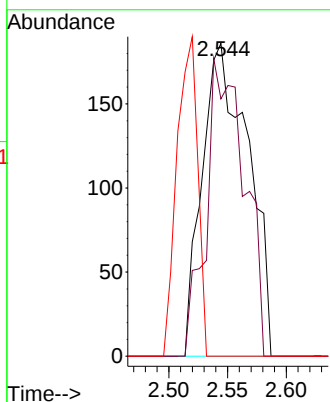
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	507
Ion Ratio	Lower	Upper	
41	100		
39	79.1	54.2	81.4
76	0.0	25.2	37.8



#16

Acetone

Concen: 2.928 ug/l

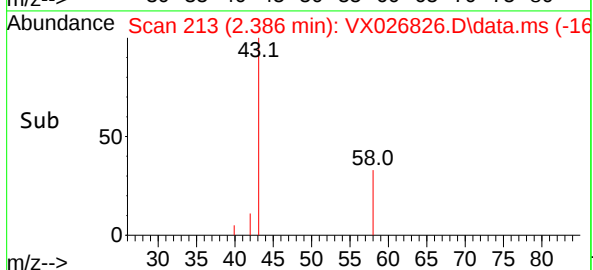
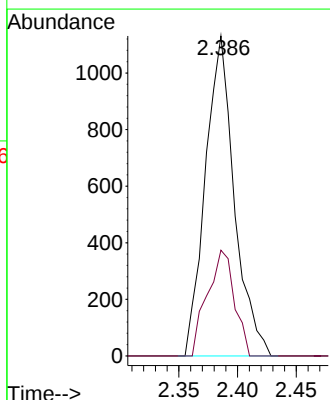
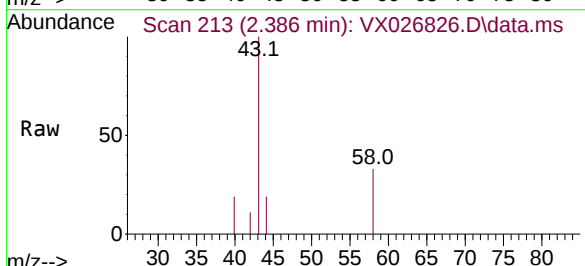
RT: 2.386 min Scan# 213

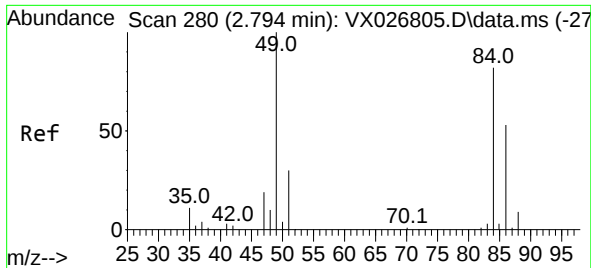
Delta R.T. 0.000 min

Lab File: VX026826.D

Acq: 08 Feb 2022 16:46

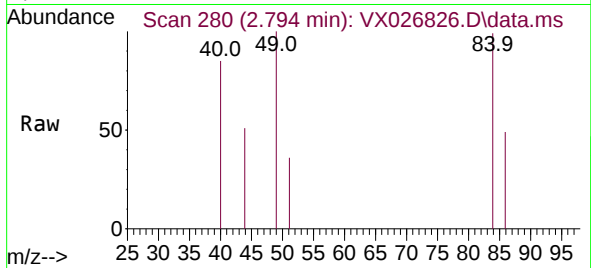
Tgt Ion:	43	Resp:	1936
Ion Ratio	Lower	Upper	
43	100		
58	33.1	23.0	34.6



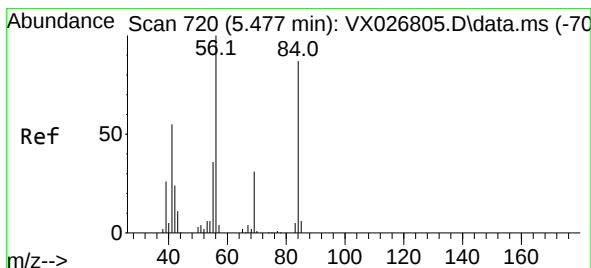
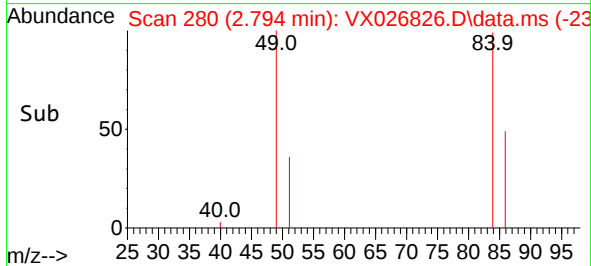
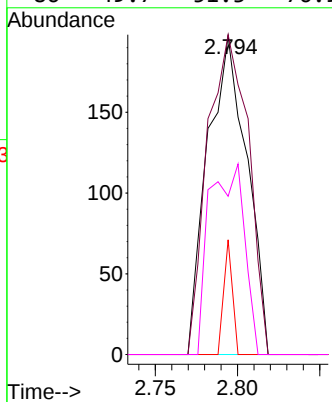


#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :

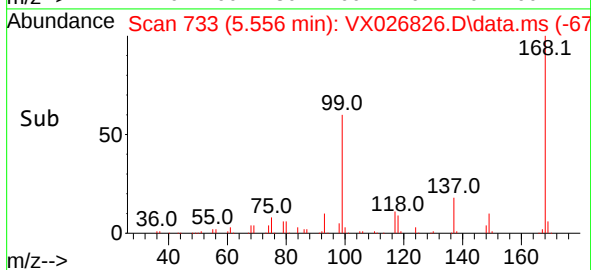
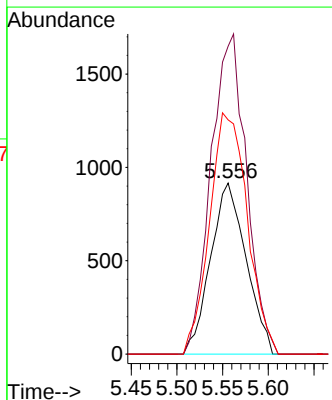
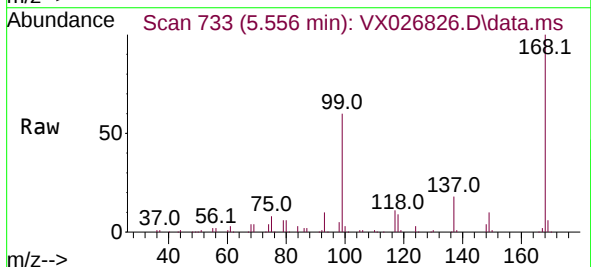


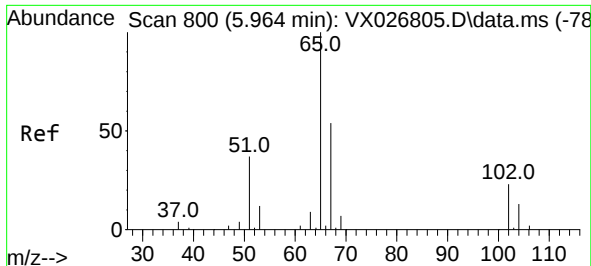
Tgt Ion:	84	Resp:	328
Ion	Ratio	Lower	Upper
84	100		
49	100.5	101.5	152.3#
51	36.0	31.2	46.8
86	49.7	51.3	76.9#



#31
Cyclohexane
Concen: 1.039 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Tgt Ion:	56	Resp:	2485
Ion	Ratio	Lower	Upper
56	100		
69	180.0	25.8	38.6#
84	137.0	68.9	103.3#

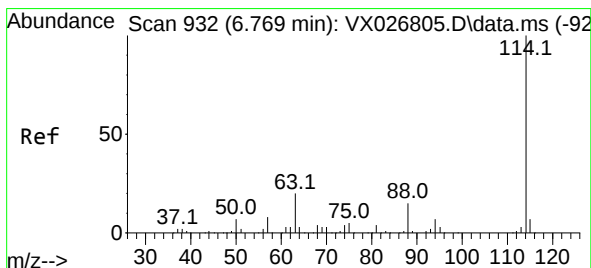
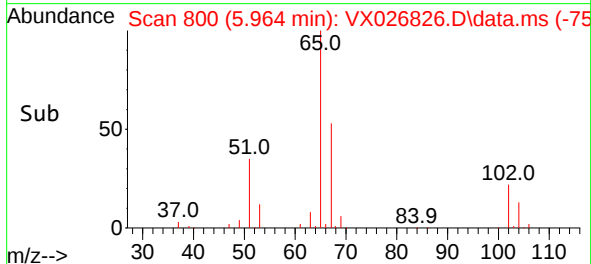
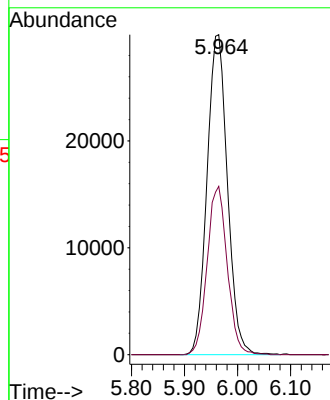
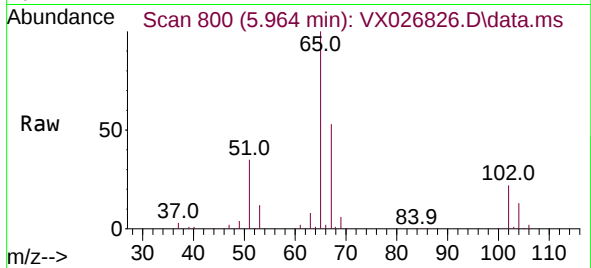




#33
 1,2-Dichloroethane-d4
 Concen: 53.165 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX026826.D
 Acq: 08 Feb 2022 16:46

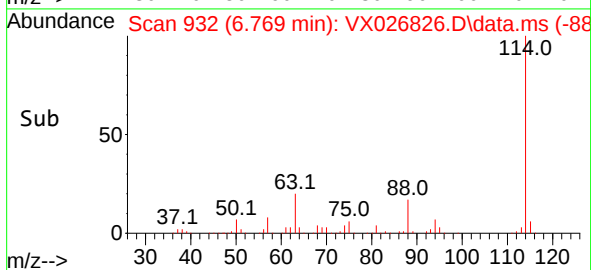
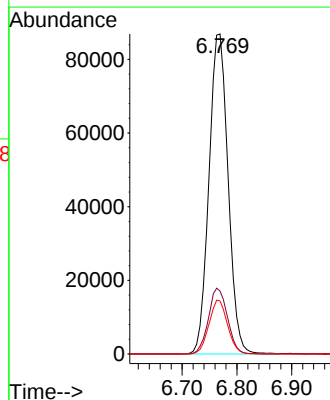
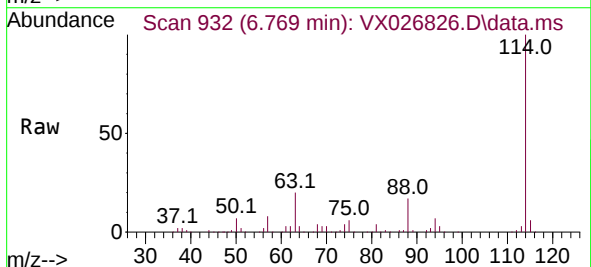
Instrument :
 MSVOA_X
 ClientSampleId :

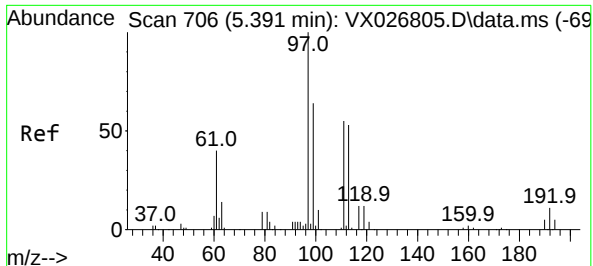
Tgt Ion: 65 Resp: 80046
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX026826.D
 Acq: 08 Feb 2022 16:46

Tgt Ion: 114 Resp: 210281
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.297 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

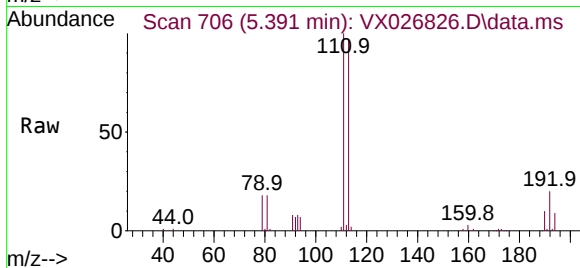
Lab File: VX026826.D

Acq: 08 Feb 2022 16:46

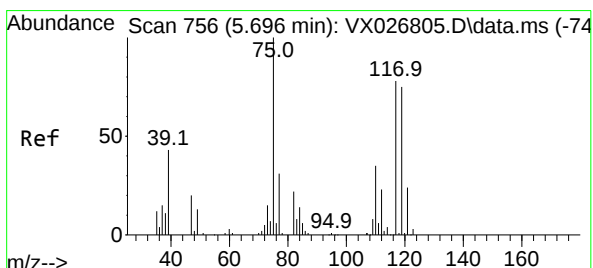
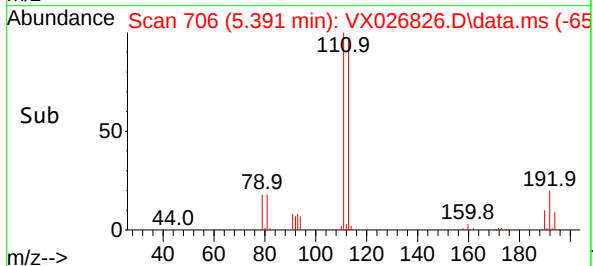
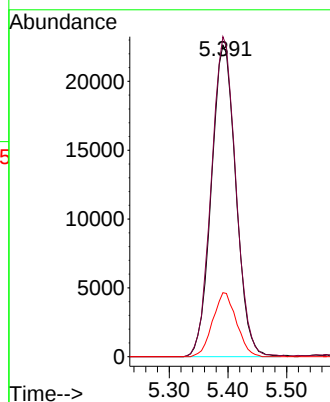
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	113	Resp:	65518
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.2	121.8
192	19.9	15.0	22.4



#36

1,1-Dichloropropene

Concen: 4.759 ug/l

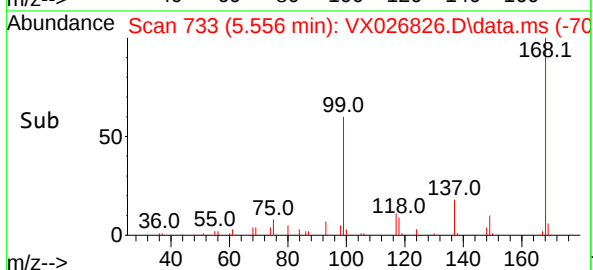
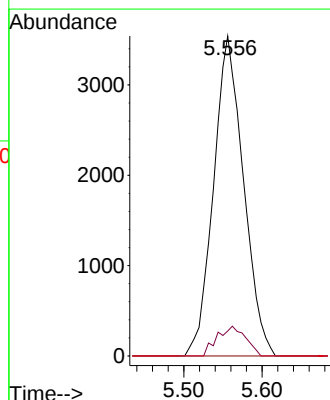
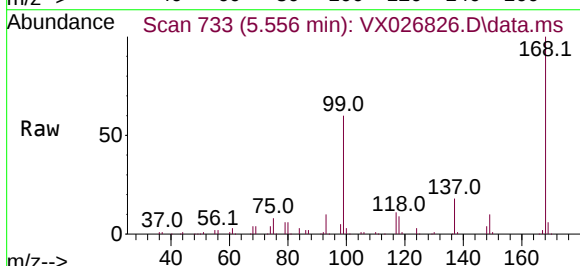
RT: 5.556 min Scan# 733

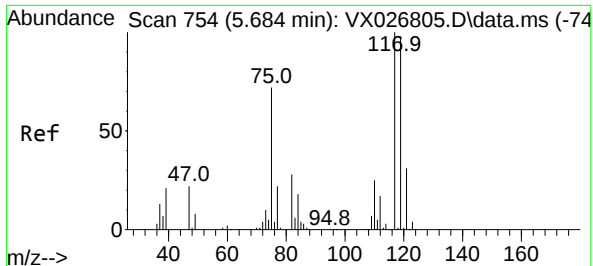
Delta R.T. -0.140 min

Lab File: VX026826.D

Acq: 08 Feb 2022 16:46

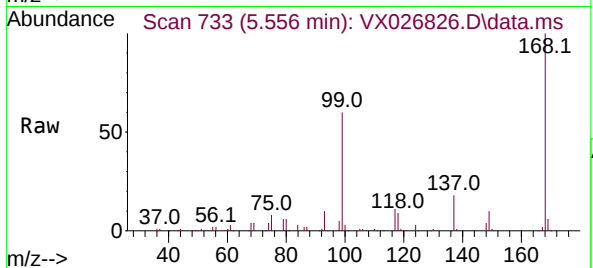
Tgt Ion:	75	Resp:	9406
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.2	51.6#
77	0.0	24.6	36.8#



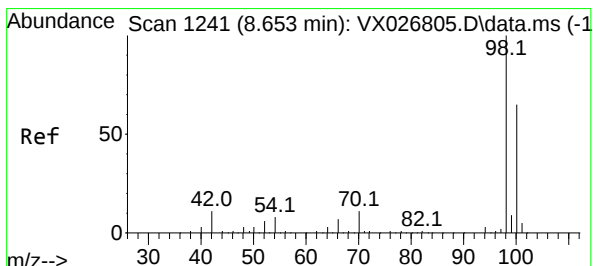
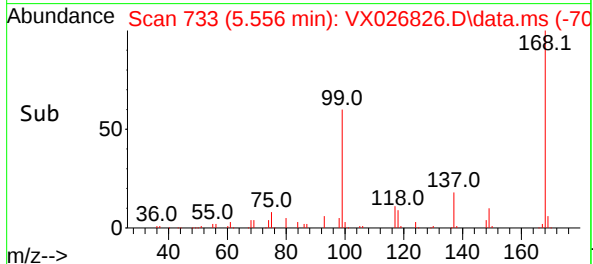
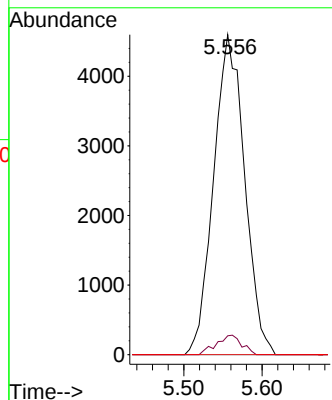


#38
Carbon Tetrachloride
Concen: 6.090 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :

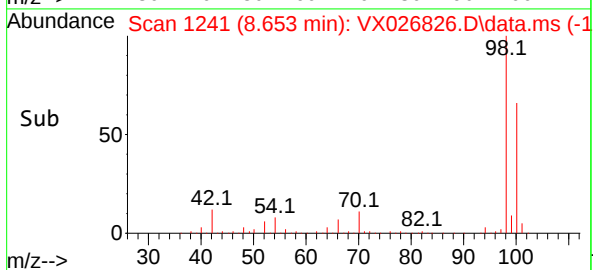
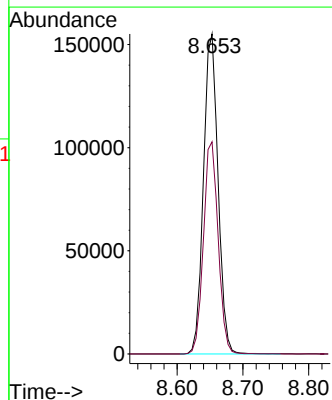
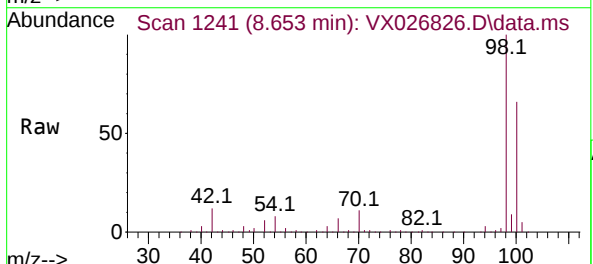


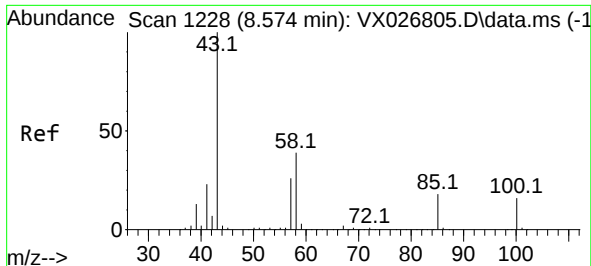
Tgt Ion:117 Resp: 12622
Ion Ratio Lower Upper
117 100
119 5.9 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 52.116 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Tgt Ion: 98 Resp: 239666
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8

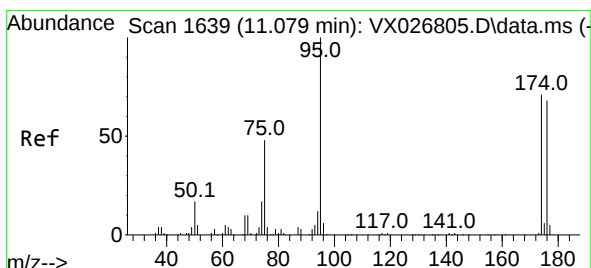
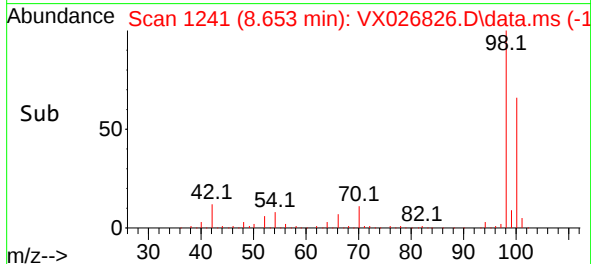
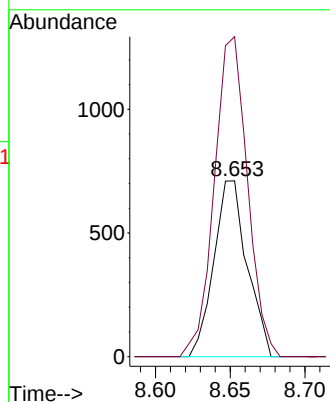
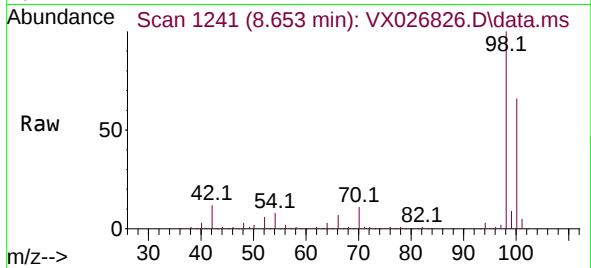




#51
4-Methyl-2-Pentanone
Concen: 0.526 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

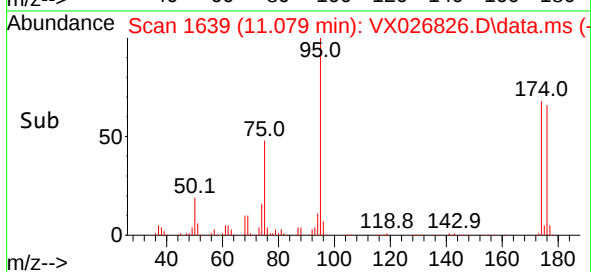
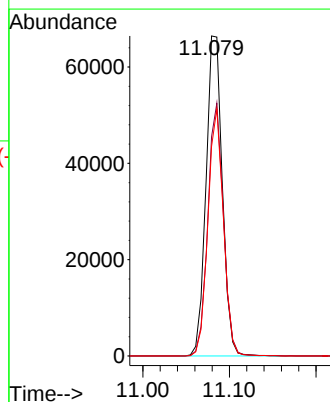
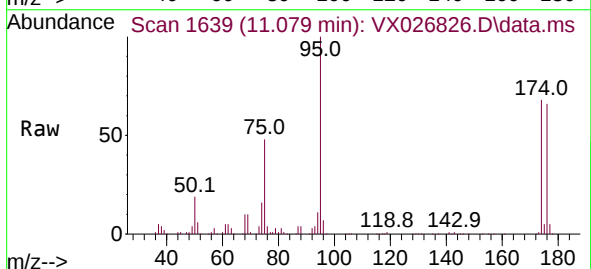
Instrument :
MSVOA_X
ClientSampleId :

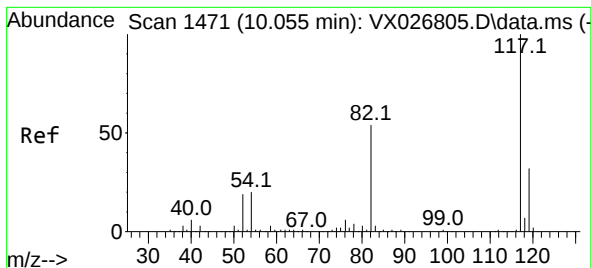
Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 181.5 30.5 45.7#



#62
4-Bromofluorobenzene
Concen: 53.727 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Tgt Ion: 95 Resp: 86987
Ion Ratio Lower Upper
95 100
174 75.4 0.0 148.6
176 73.3 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX026826.D

Acq: 08 Feb 2022 16:46

Instrument :

MSVOA_X

ClientSampleId :

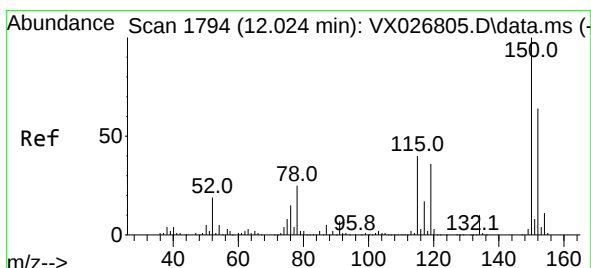
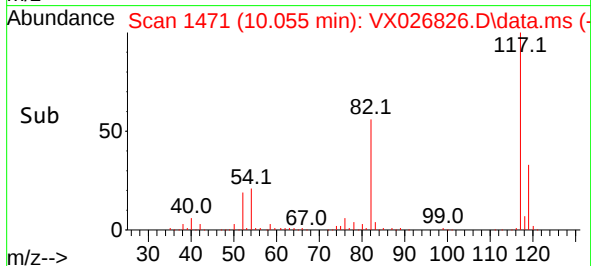
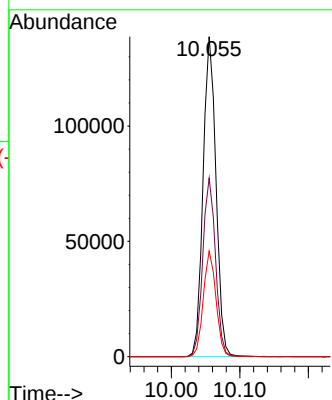
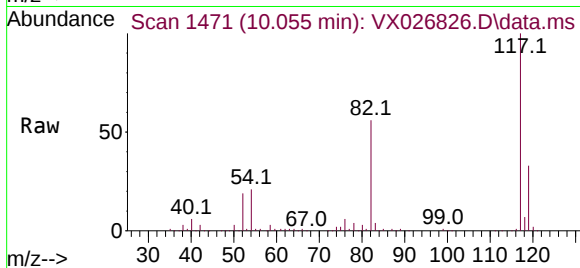
Tgt Ion:117 Resp: 182236

Ion Ratio Lower Upper

117 100

82 55.9 45.2 67.8

119 33.0 26.2 39.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX026826.D

Acq: 08 Feb 2022 16:46

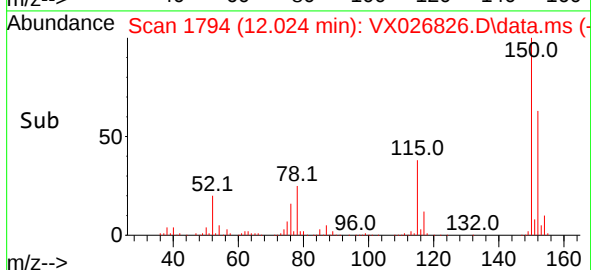
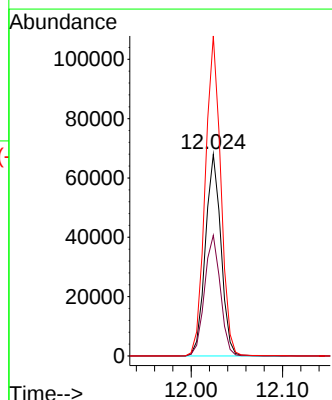
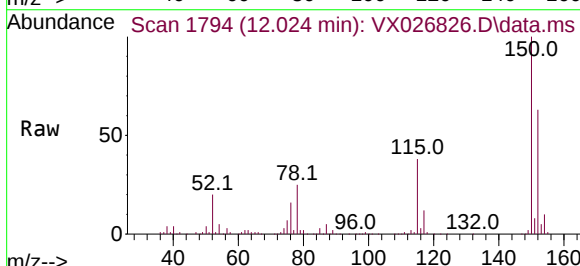
Tgt Ion:152 Resp: 80035

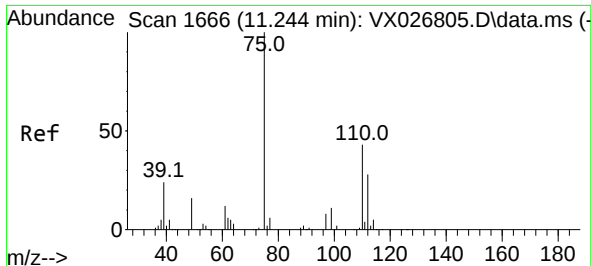
Ion Ratio Lower Upper

152 100

115 60.7 44.2 132.6

150 158.7 0.0 348.2

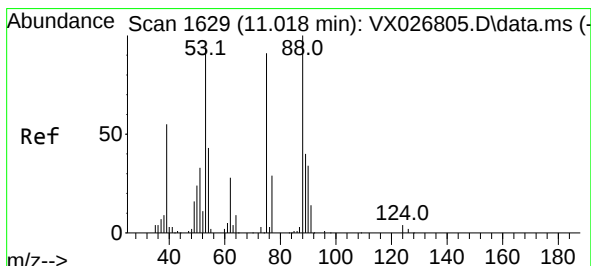
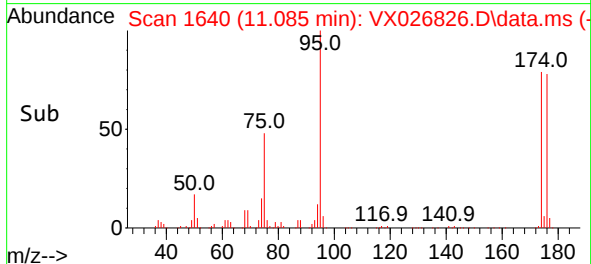
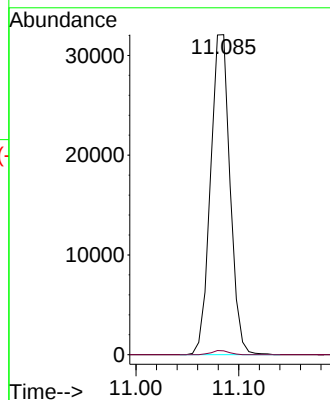
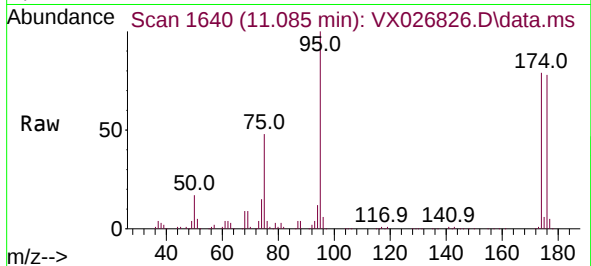




#76
1,2,3-Trichloropropane
Concen: 24.160 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42328
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.807 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX026826.D
Acq: 08 Feb 2022 16:46

Tgt Ion: 75 Resp: 42328
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

