

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038526.D
 Acq On : 26 Oct 2023 18:29
 Operator : JC/MD
 Sample : 05097-02 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:21:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

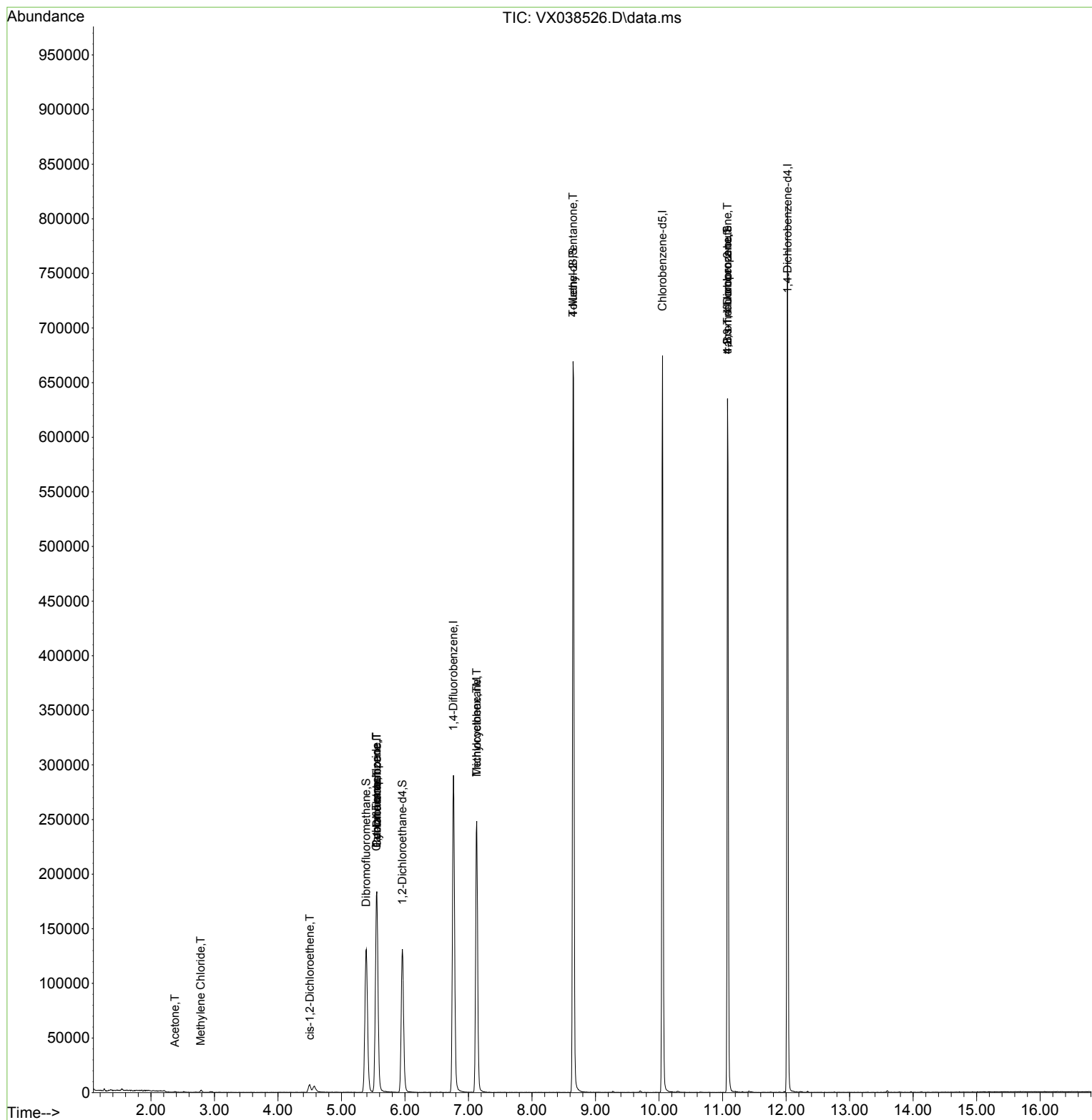
Internal Standards						
1) Pentafluorobenzene	5.556	168	183656	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	312629	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126886	42.954	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	85.900%
35) Dibromofluoromethane	5.385	113	114927	51.018	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.040%
50) Toluene-d8	8.647	98	420249	48.820	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.640%
62) 4-Bromofluorobenzene	11.079	95	164251	50.331	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.660%
Target Compounds						
						Qvalue
5) Bromomethane	1.587	94	67	Below Cal	#	3
6) Chloroethane	1.678	64	59	Below Cal	#	43
11) Tert butyl alcohol	2.953	59	558	Below Cal	#	78
16) Acetone	2.379	43	669	0.543	ug/l	# 85
20) Methylene Chloride	2.782	84	1071	0.462	ug/l	92
27) cis-1,2-Dichloroethene	4.501	96	4828	1.949	ug/l	80
31) Cyclohexane	5.556	56	3549	1.109	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	13344	4.296	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	18073	5.914	ug/l	# 15
39) Methylcyclohexane	7.129	83	1123	0.309	ug/l	# 1
44) Trichloroethene	7.129	130	100135	44.064	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1629	0.429	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	85650	21.318	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	85650	61.259	ug/l	# 5

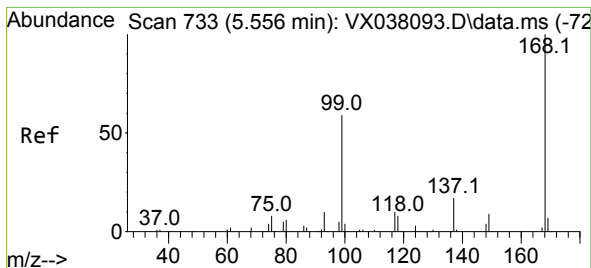
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Oct 27 05:21:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

Instrument :

MSVOA_X

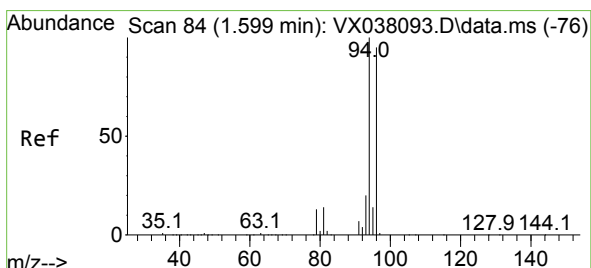
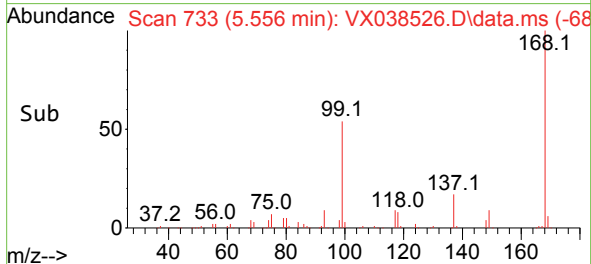
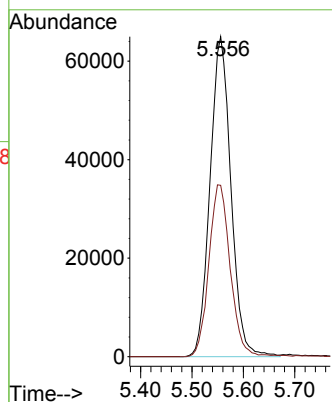
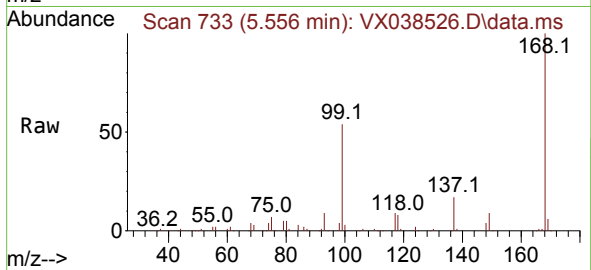
ClientSampleId :

Tgt Ion:168 Resp: 183656

Ion Ratio Lower Upper

168 100

99 53.6 56.6 85.0#



#5

Bromomethane

Concen: Below Cal

RT: 1.587 min Scan# 82

Delta R.T. -0.012 min

Lab File: VX038526.D

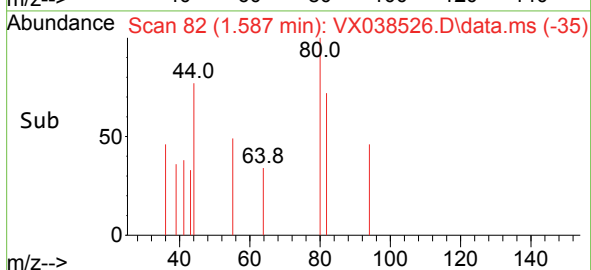
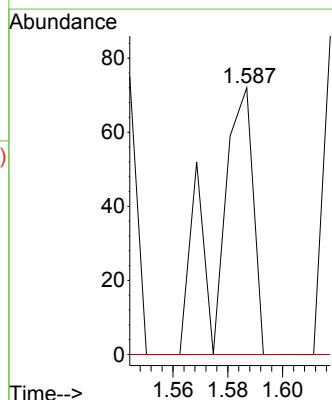
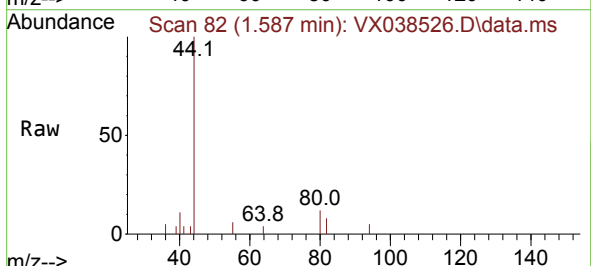
Acq: 26 Oct 2023 18:29

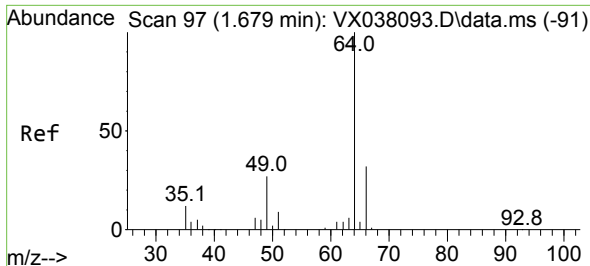
Tgt Ion: 94 Resp: 67

Ion Ratio Lower Upper

94 100

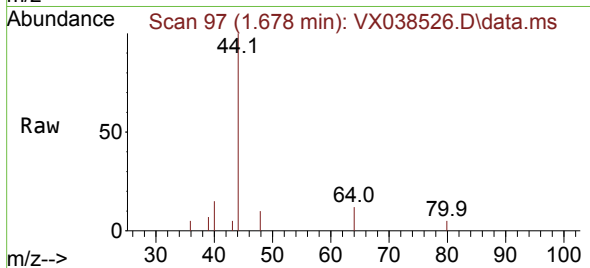
96 0.0 74.6 111.8#



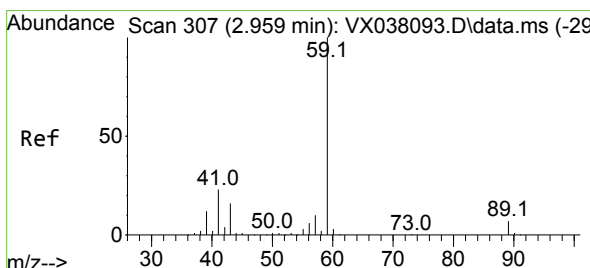
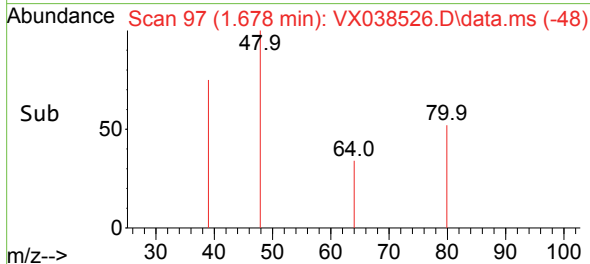
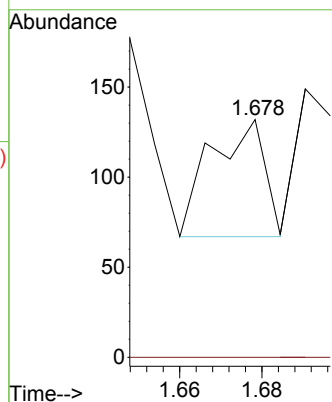


#6
Chloroethane
Concen: Below Cal
RT: 1.678 min Scan# 91
Delta R.T. -0.001 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

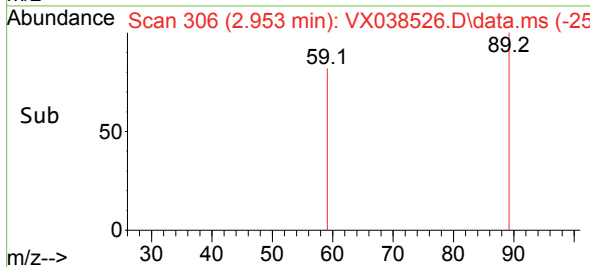
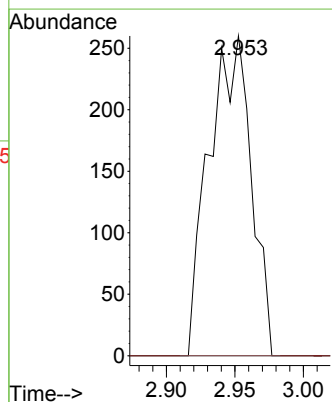
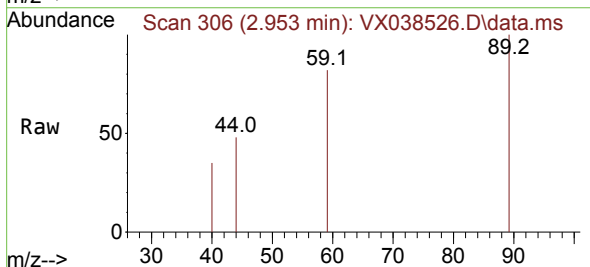


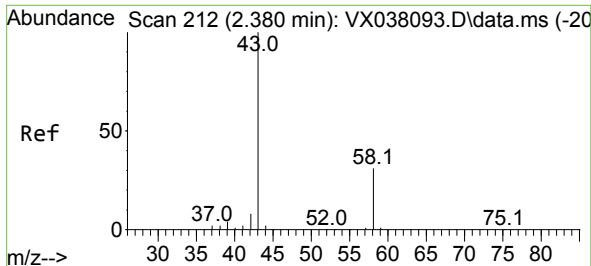
Tgt Ion: 64 Resp: 59
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

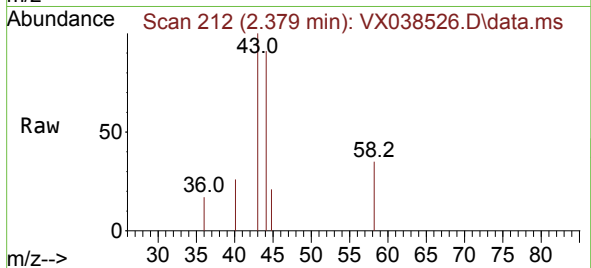
Tgt Ion: 59 Resp: 558
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



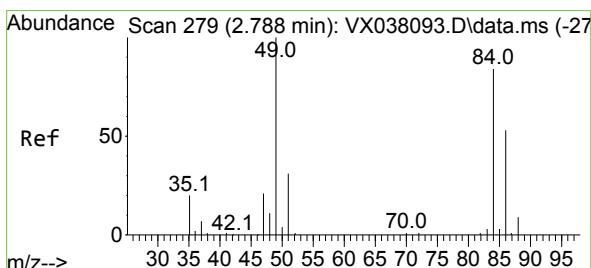
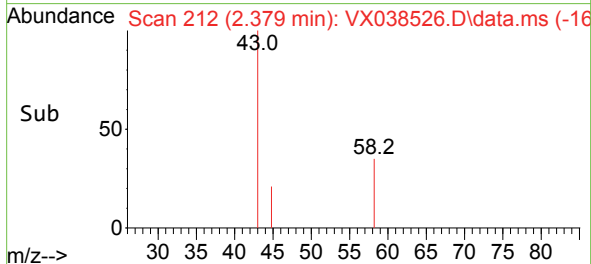
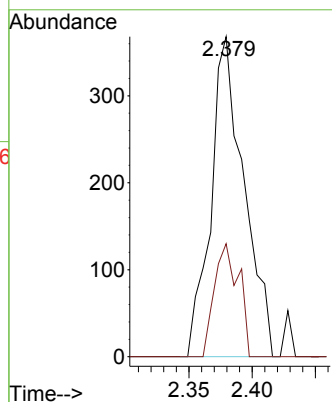


#16
Acetone
Concen: 0.543 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

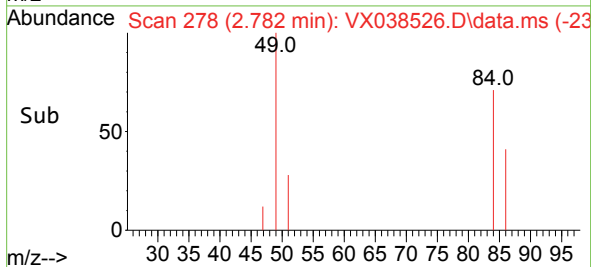
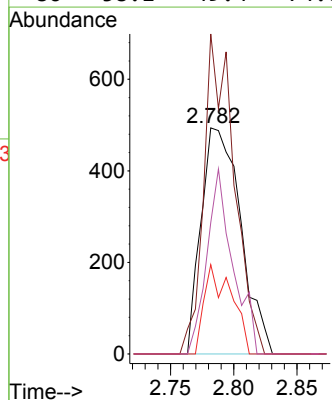
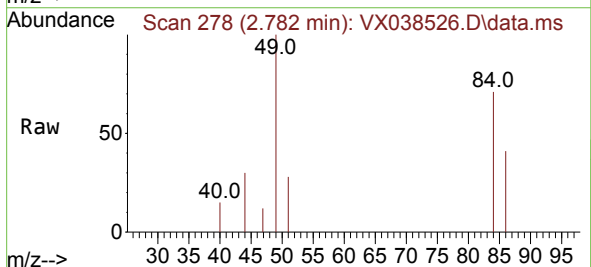


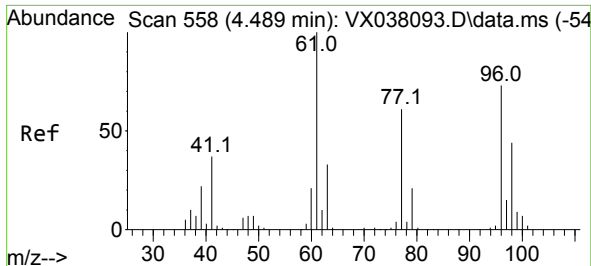
Tgt Ion: 43 Resp: 669
Ion Ratio Lower Upper
43 100
58 35.3 21.9 32.9#



#20
Methylene Chloride
Concen: 0.462 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion: 84 Resp: 1071
Ion Ratio Lower Upper
84 100
49 141.5 103.6 155.4
51 39.5 33.8 50.6
86 58.1 49.4 74.0





#27

cis-1,2-Dichloroethene

Concen: 1.949 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

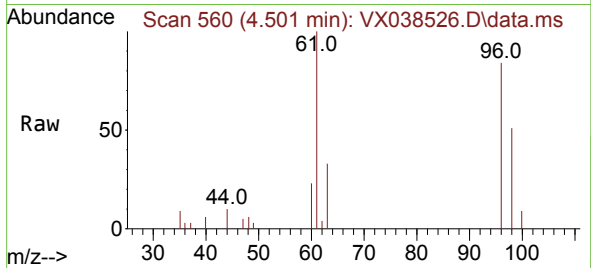
Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

Instrument :

MSVOA_X

ClientSampleId :



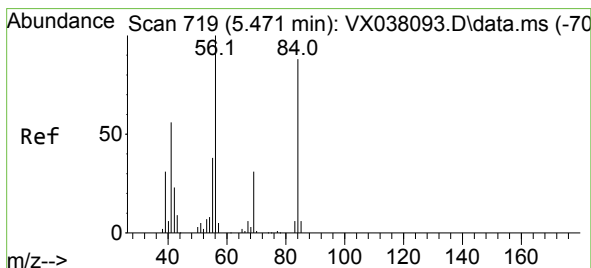
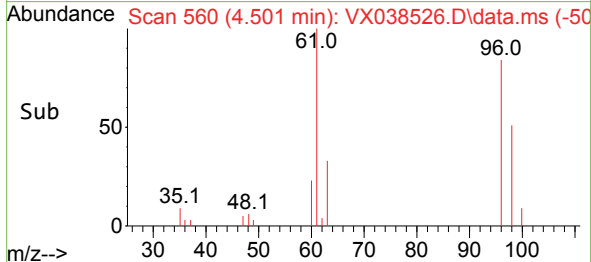
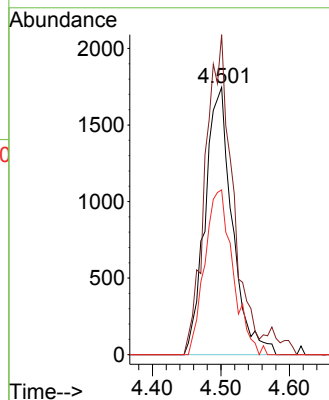
Tgt Ion: 96 Resp: 4828

Ion Ratio Lower Upper

96 100

61 119.4 0.0 312.2

98 63.7 0.0 129.0



#31

Cyclohexane

Concen: 1.109 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

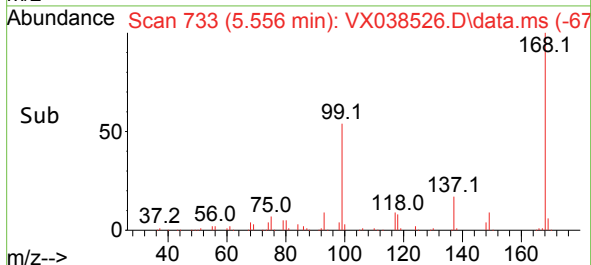
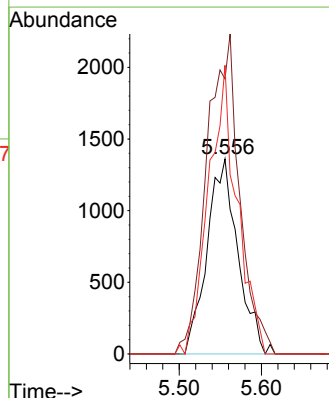
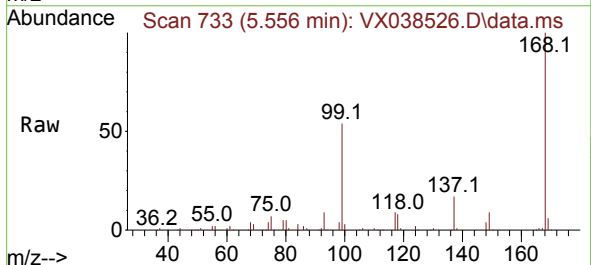
Tgt Ion: 56 Resp: 3549

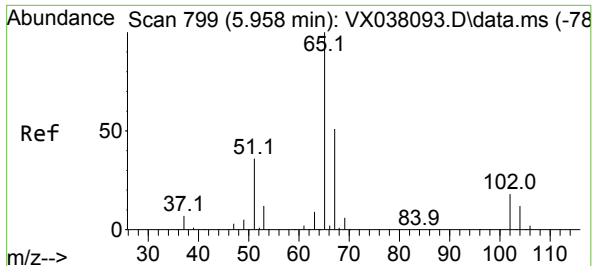
Ion Ratio Lower Upper

56 100

69 141.0 23.4 35.2#

84 148.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.954 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

Instrument :

MSVOA_X

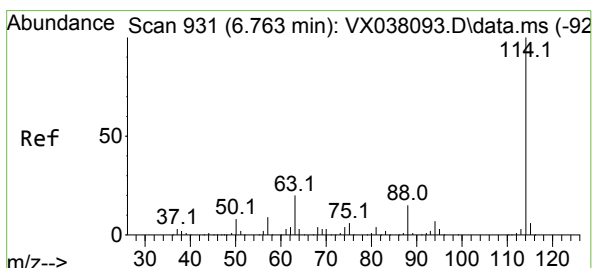
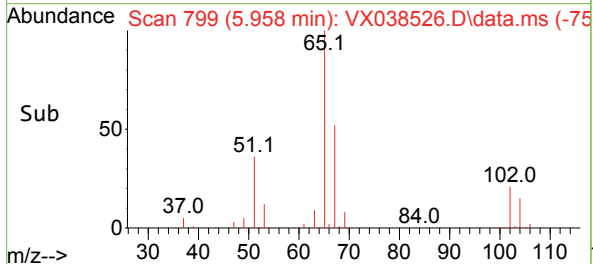
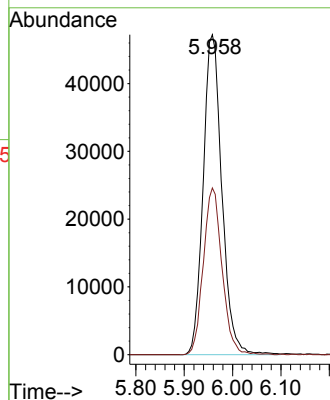
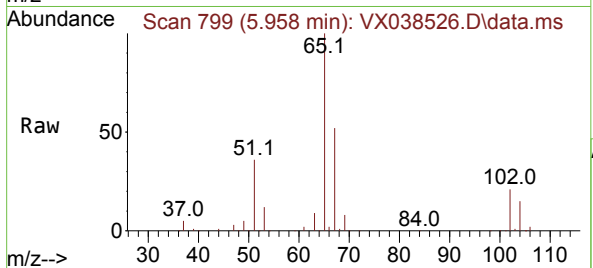
ClientSampleId :

Tgt Ion: 65 Resp: 126886

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX038526.D

Acq: 26 Oct 2023 18:29

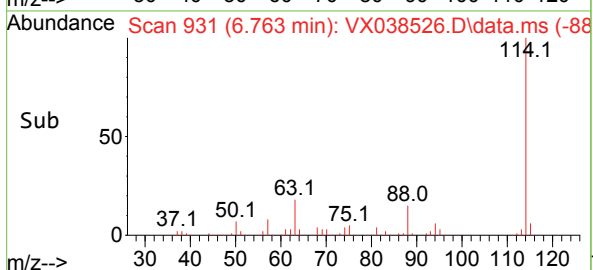
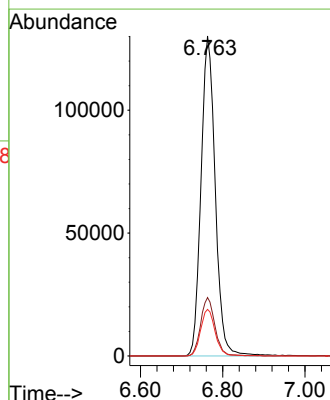
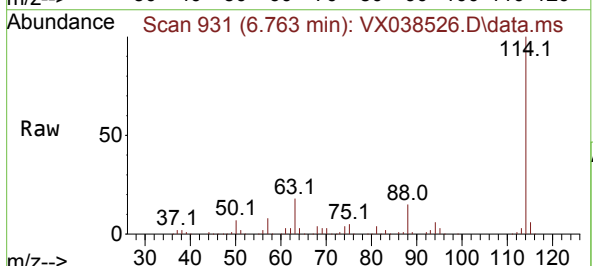
Tgt Ion: 114 Resp: 312629

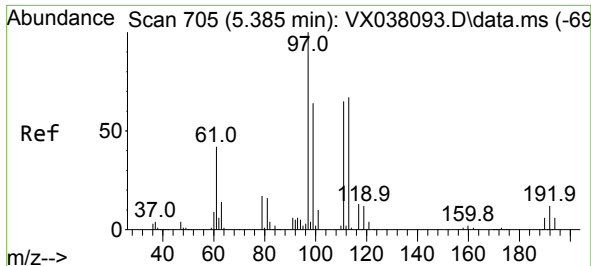
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

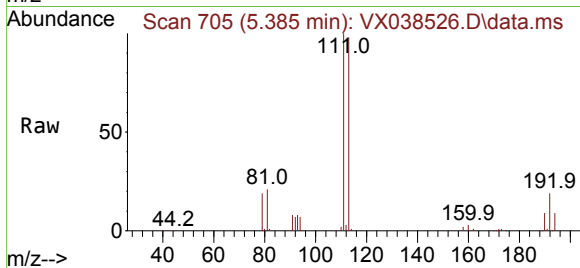
88 14.6 0.0 36.6



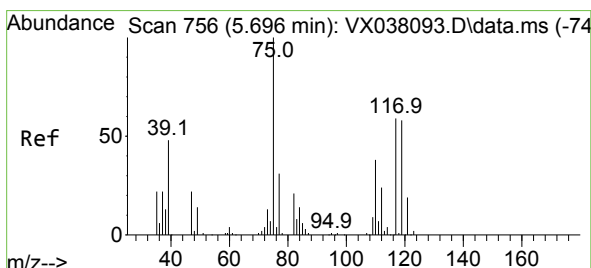
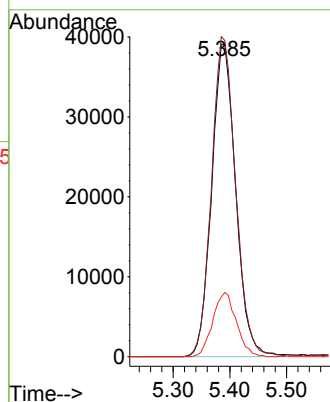
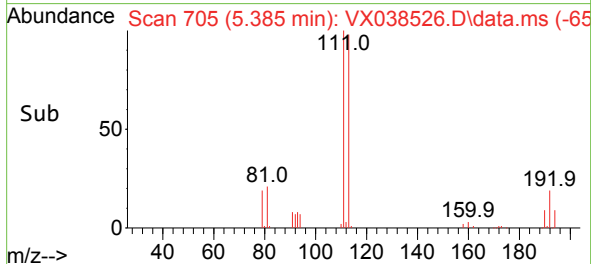


#35
Dibromofluoromethane
Concen: 51.018 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

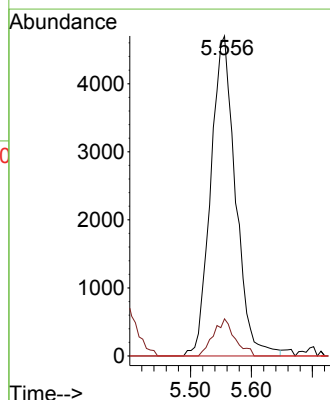
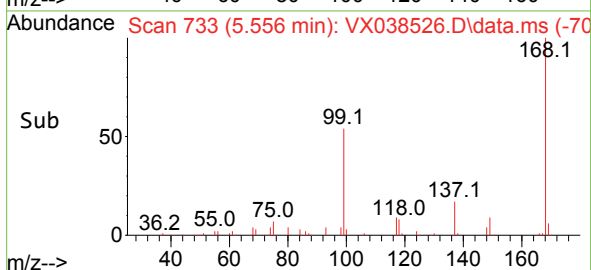
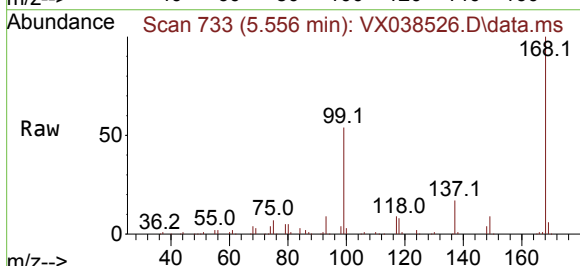


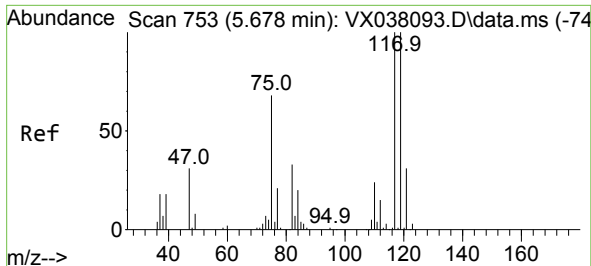
Tgt Ion:113 Resp: 114927
Ion Ratio Lower Upper
113 100
111 102.7 82.9 124.3
192 20.2 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.296 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

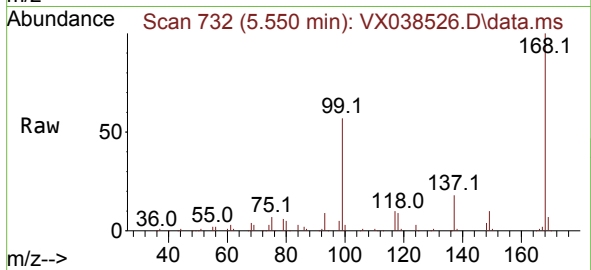
Tgt Ion: 75 Resp: 13344
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#



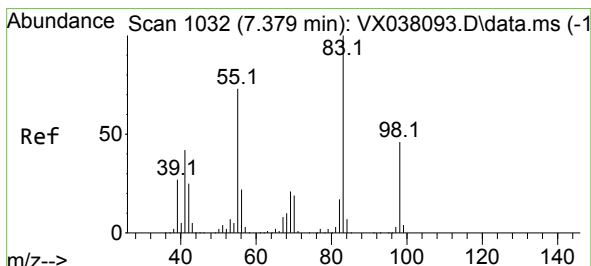
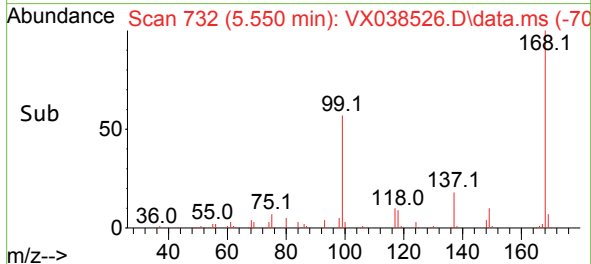
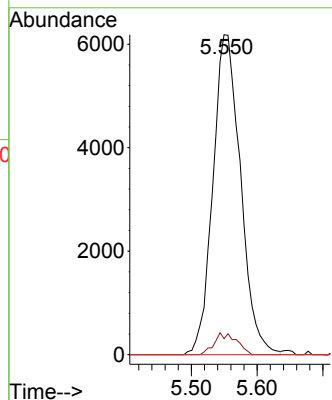


#38
Carbon Tetrachloride
Concen: 5.914 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

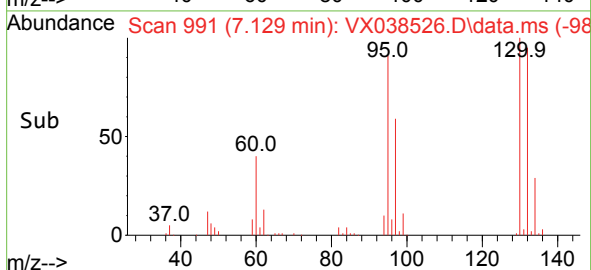
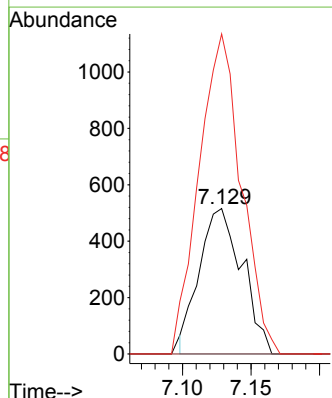
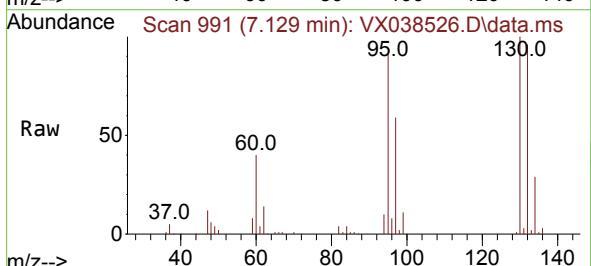


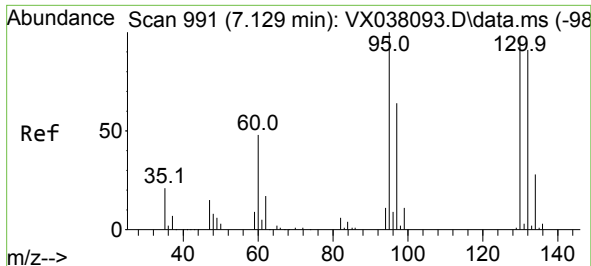
Tgt Ion:117 Resp: 18073
Ion Ratio Lower Upper
117 100
119 5.0 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.309 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion: 83 Resp: 1123
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 220.0 36.7 55.1#

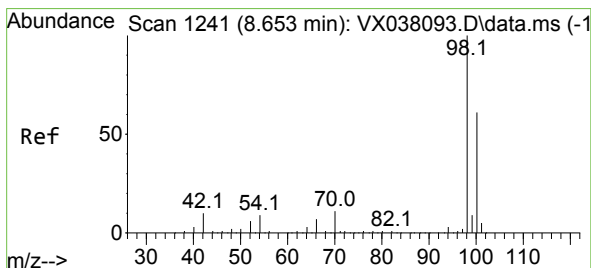
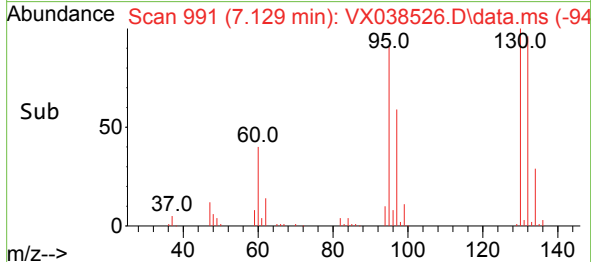
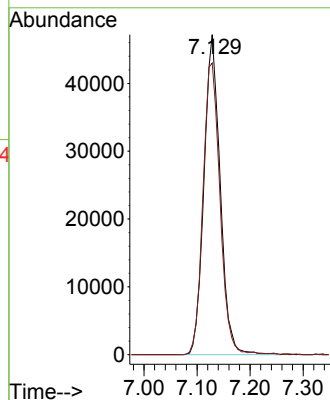
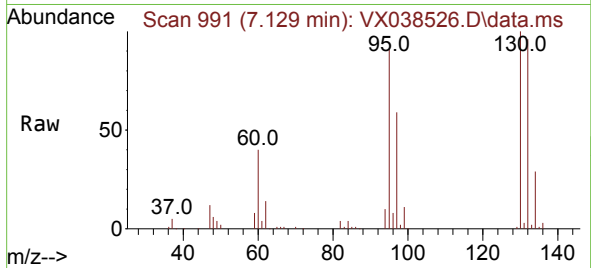




#44
Trichloroethene
Concen: 44.064 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

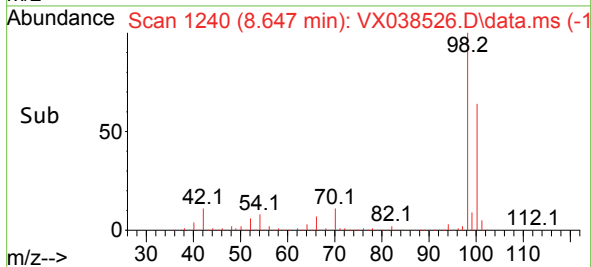
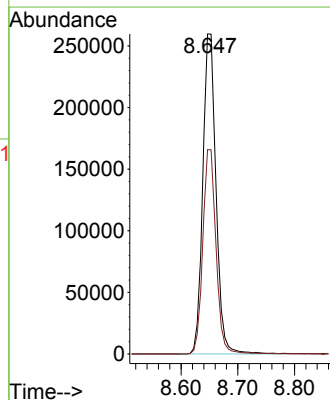
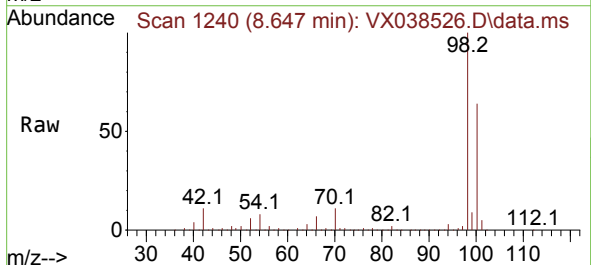
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MSVOA_X
ClientSampleId :

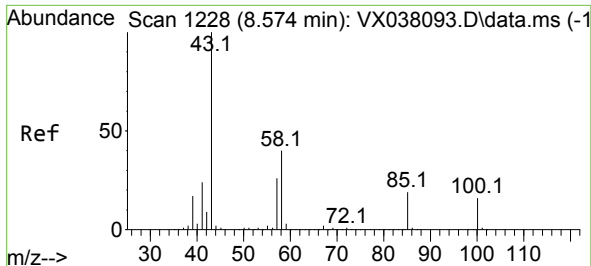
Tgt Ion:130 Resp: 100135
Ion Ratio Lower Upper
130 100
95 91.1 0.0 204.4



#50
Toluene-d8
Concen: 48.820 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion: 98 Resp: 420249
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

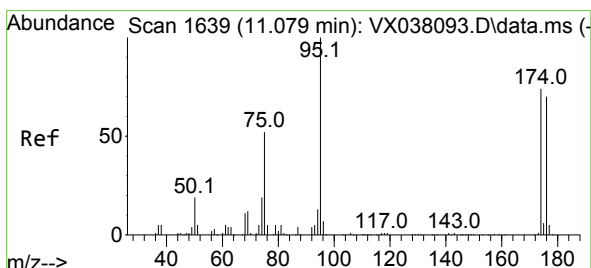
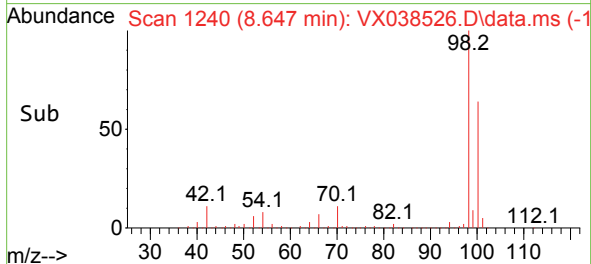
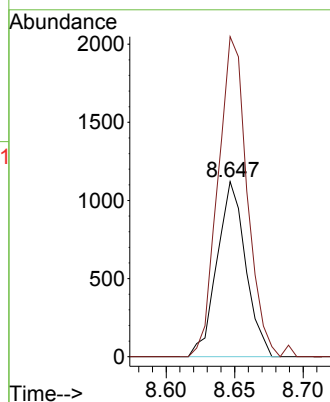
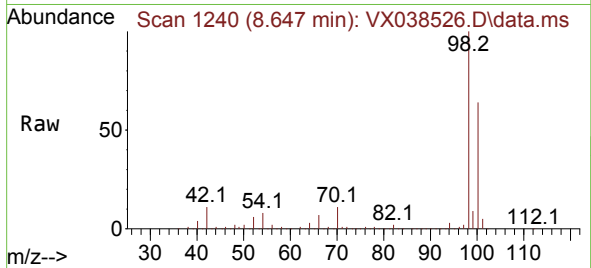




#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

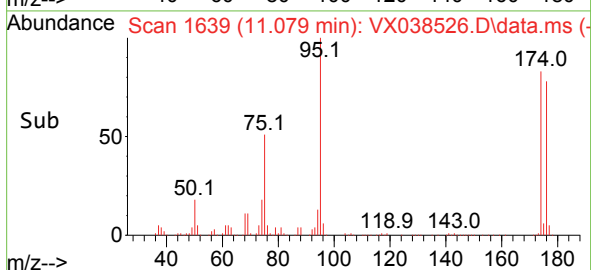
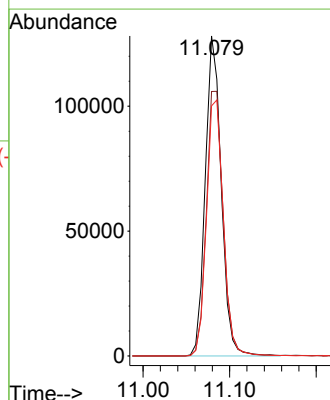
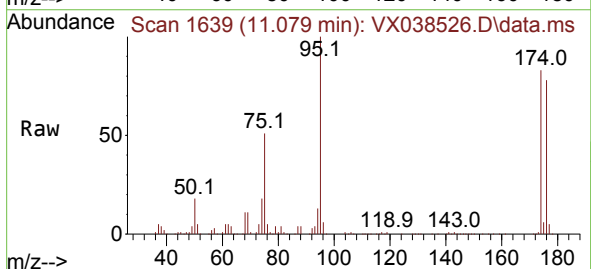
Instrument :
MSVOA_X
ClientSampleId :

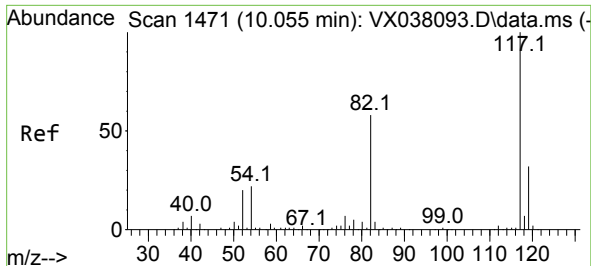
Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
58 186.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion: 95 Resp: 164251
Ion Ratio Lower Upper
95 100
174 87.7 0.0 135.6
176 84.7 0.0 131.0

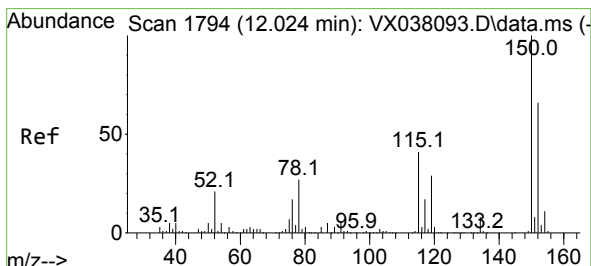
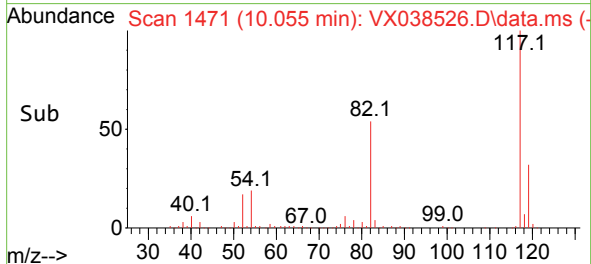
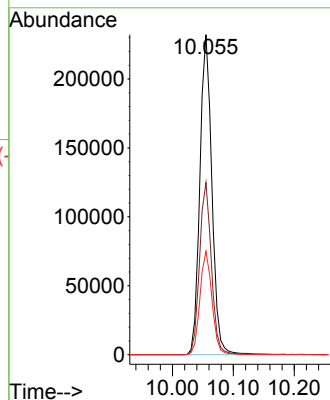
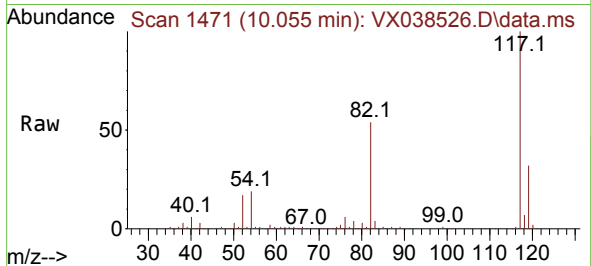




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

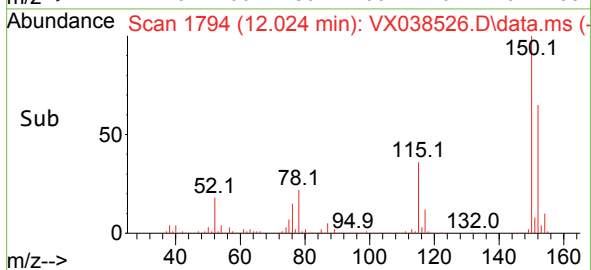
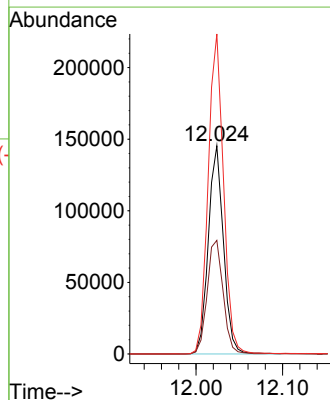
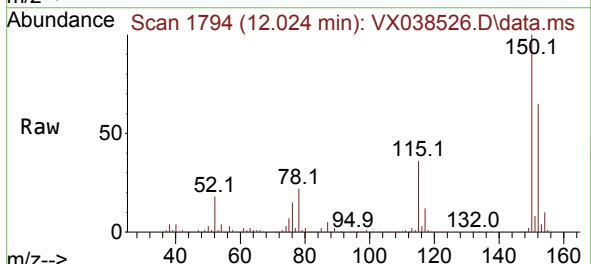
Instrument :
MSVOA_X
ClientSampleId :

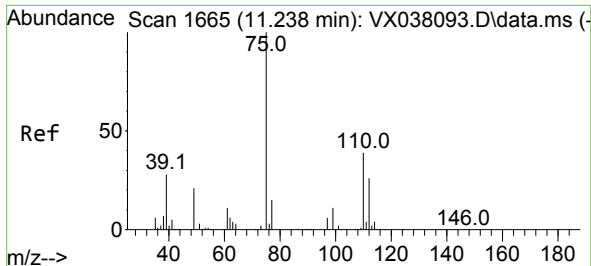
Tgt Ion:117 Resp: 317541
Ion Ratio Lower Upper
117 100
82 53.8 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion:152 Resp: 176730
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 155.7 0.0 345.0

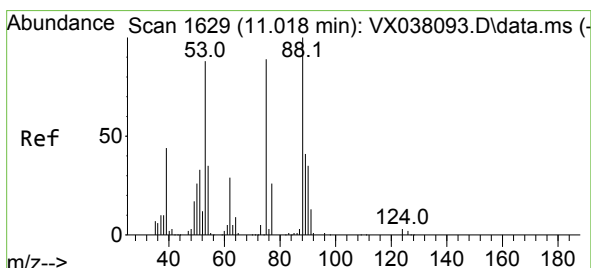
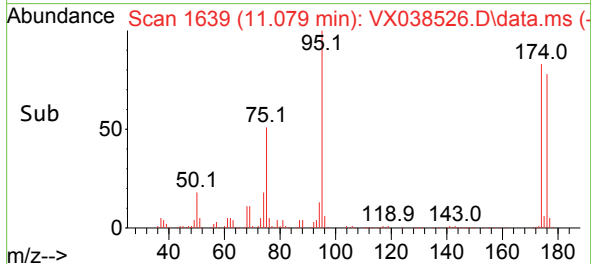
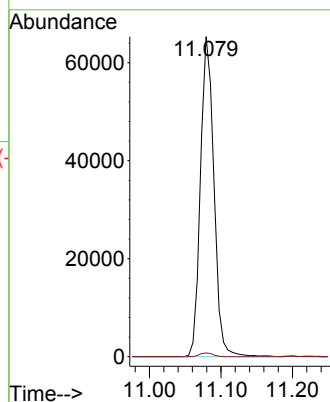
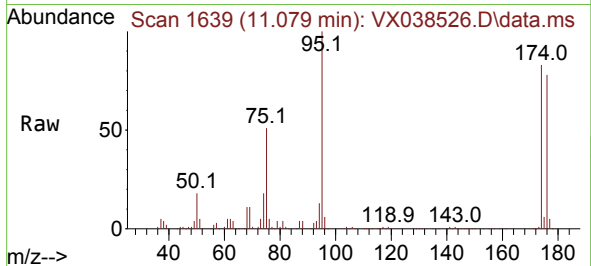




#76
1,2,3-Trichloropropane
Concen: 21.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 85650
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038526.D
Acq: 26 Oct 2023 18:29

Tgt Ion: 75 Resp: 85650
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

