

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102623\
 Data File : VX038525.D
 Acq On : 26 Oct 2023 18:05
 Operator : JC/MD
 Sample : 05097-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 27 05:20:50 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	183634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	314283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177961	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129294	43.775	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.540%
35) Dibromofluoromethane	5.391	113	114476	50.550	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.100%
50) Toluene-d8	8.647	98	419987	48.533	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.060%
62) 4-Bromofluorobenzene	11.079	95	166649	50.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%

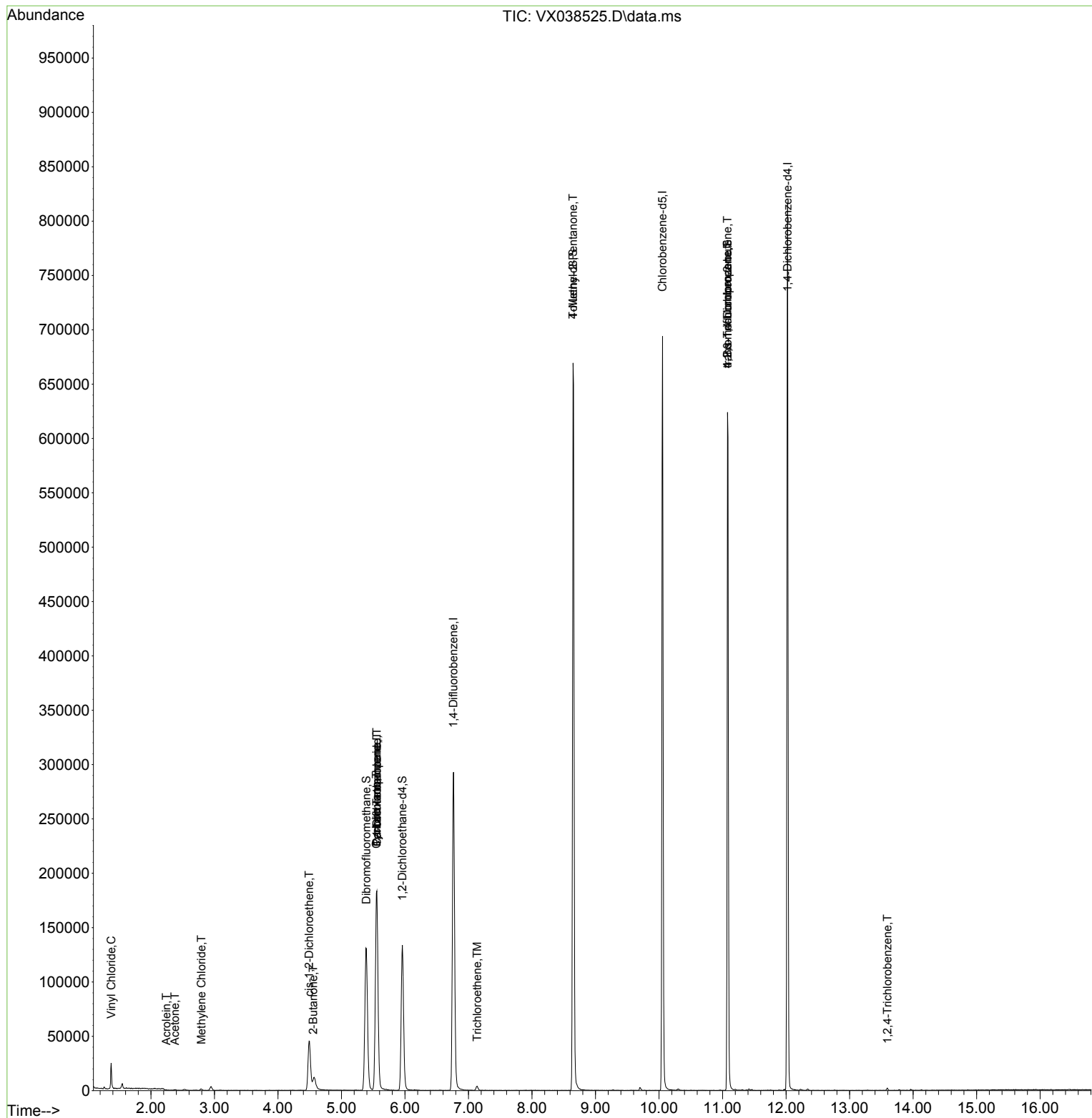
Target Compounds						Qvalue
4) Vinyl Chloride	1.374	62	14617	7.297	ug/l	99
5) Bromomethane	1.581	94	18	Below Cal	#	3
6) Chloroethane	1.666	64	140	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	2207	Below Cal	#	78
13) Acrolein	2.239	56	84	0.200	ug/l	# 14
16) Acetone	2.380	43	826	0.670	ug/l	# 89
20) Methylene Chloride	2.794	84	654	0.282	ug/l	# 74
25) 2-Butanone	4.556	43	409	0.206	ug/l	# 51
27) cis-1,2-Dichloroethene	4.489	96	30738	12.407	ug/l	80
31) Cyclohexane	5.550	56	3827	1.196	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	13774	4.411	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	18230	5.934	ug/l	# 15
44) Trichloroethene	7.135	130	1641	0.718	ug/l	87
51) 4-Methyl-2-Pentanone	8.647	43	1690	0.443	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	85257	21.073	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	85257	60.603	ug/l	# 5
93) 1,2,4-Trichlorobenzene	13.597	180	832	0.221	ug/l	87

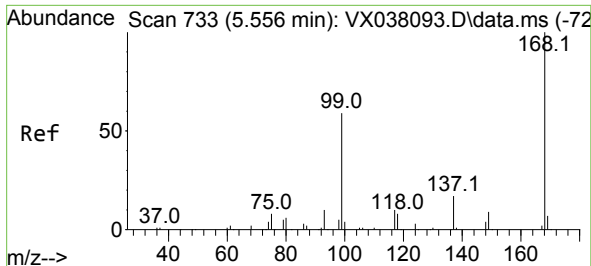
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

Quant Time: Oct 27 05:20:50 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

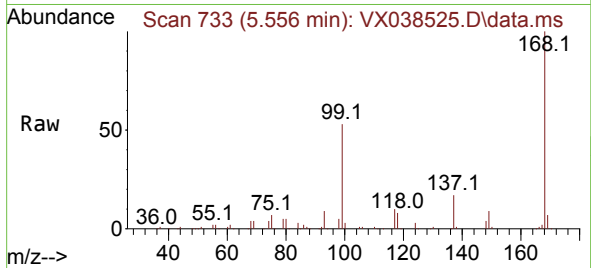
Lab File: VX038525.D

Acq: 26 Oct 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

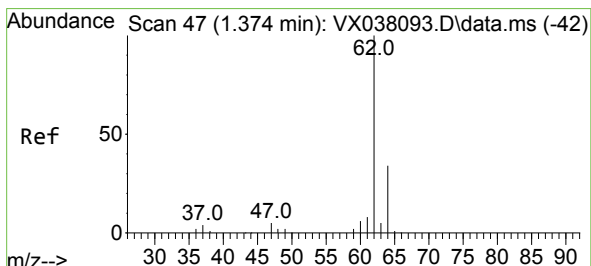
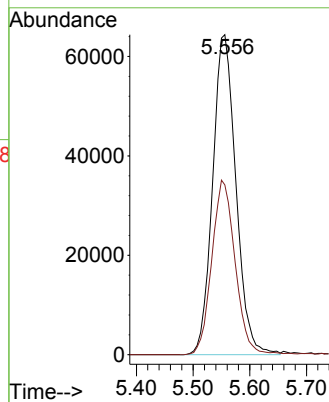
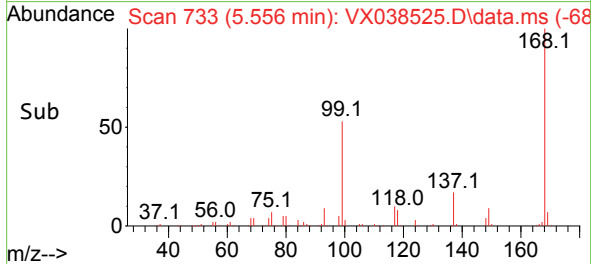


Tgt Ion:168 Resp: 183634

Ion Ratio Lower Upper

168 100

99 53.1 56.6 85.0#



#4

Vinyl Chloride

Concen: 7.297 ug/l

RT: 1.374 min Scan# 47

Delta R.T. -0.000 min

Lab File: VX038525.D

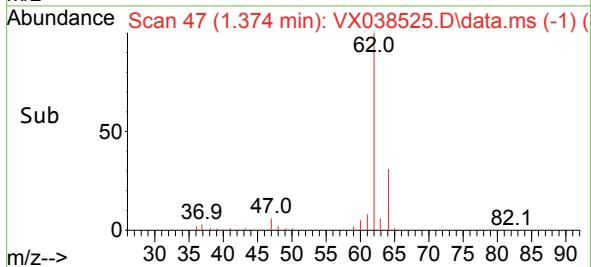
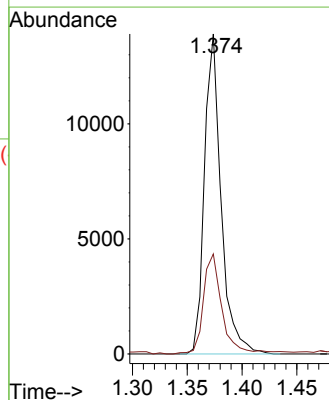
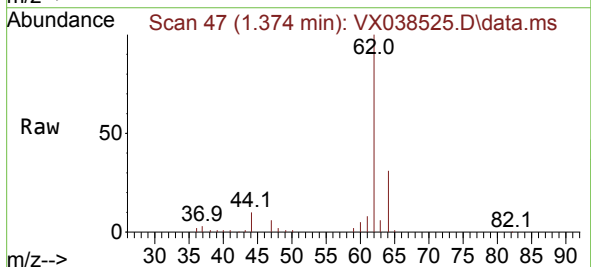
Acq: 26 Oct 2023 18:05

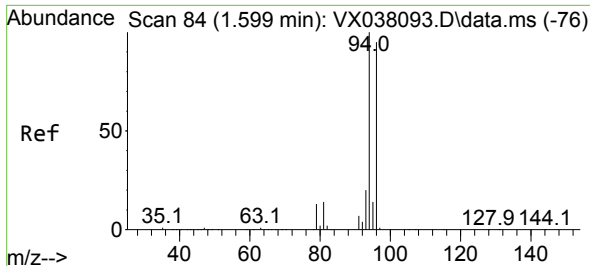
Tgt Ion: 62 Resp: 14617

Ion Ratio Lower Upper

62 100

64 30.9 25.4 38.0

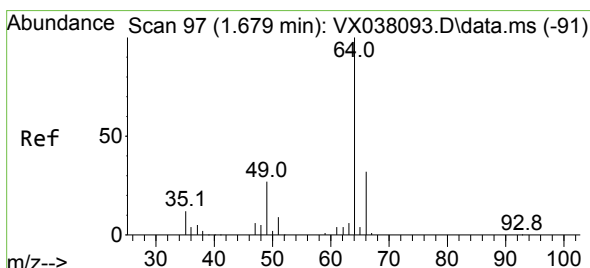
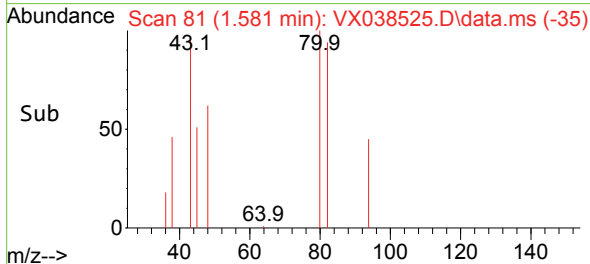
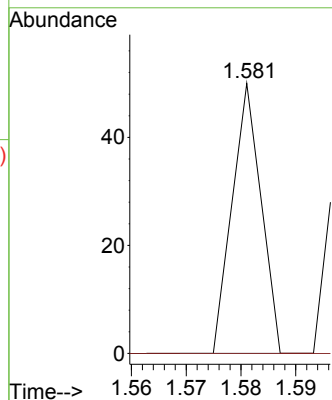
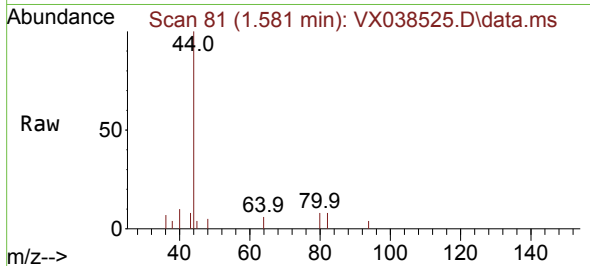




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

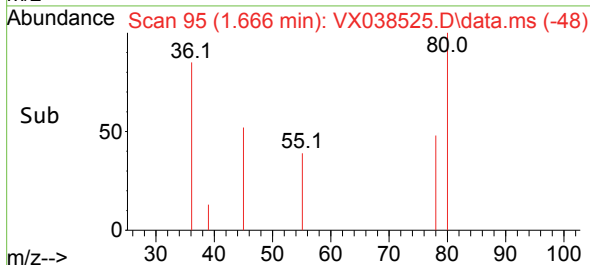
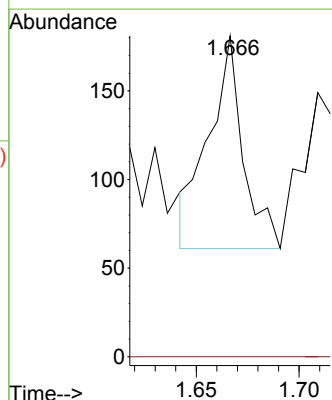
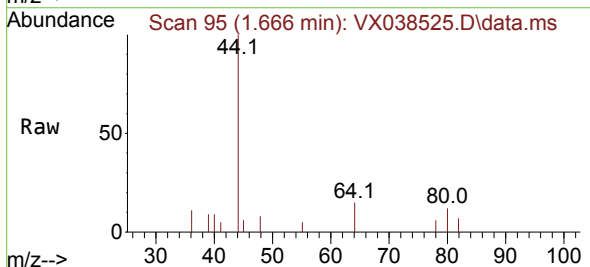
Instrument :
MSVOA_X
ClientSampleId :

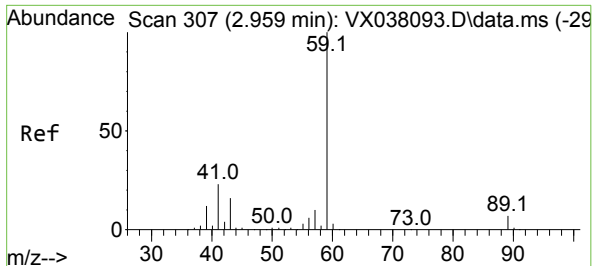
Tgt Ion: 94 Resp: 18
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Tgt Ion: 64 Resp: 140
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 307

Delta R.T. -0.012 min

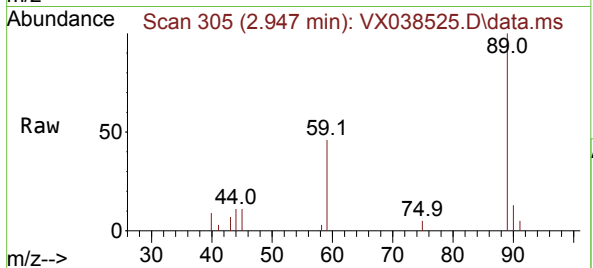
Lab File: VX038525.D

Acq: 26 Oct 2023 18:05

Instrument :

MSVOA_X

ClientSampleId :

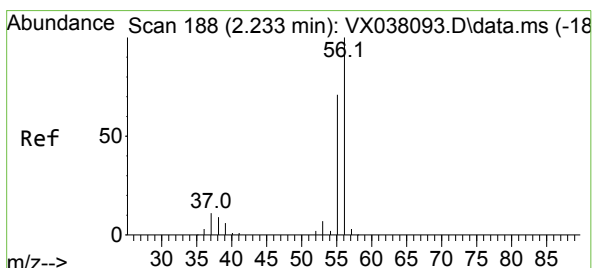
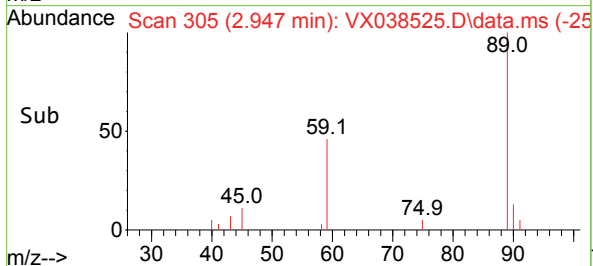
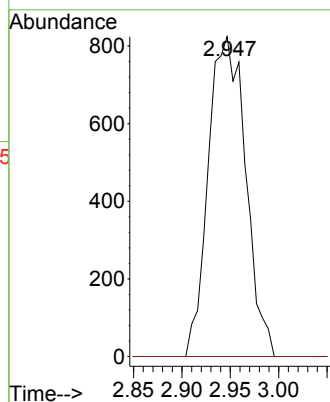


Tgt Ion: 59 Resp: 2207

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.200 ug/l

RT: 2.239 min Scan# 189

Delta R.T. 0.006 min

Lab File: VX038525.D

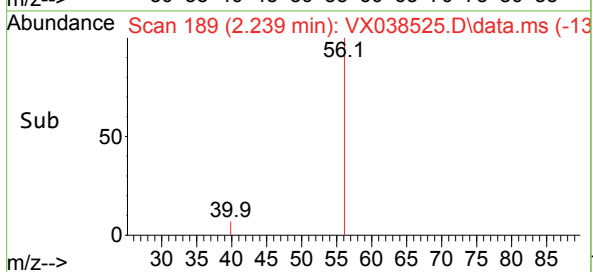
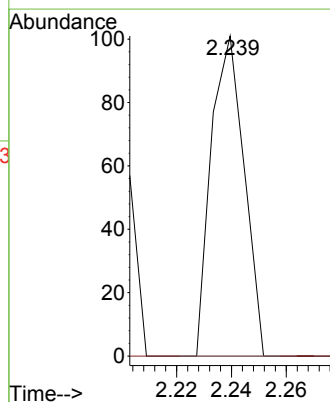
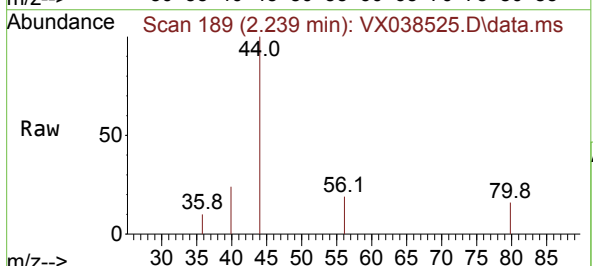
Acq: 26 Oct 2023 18:05

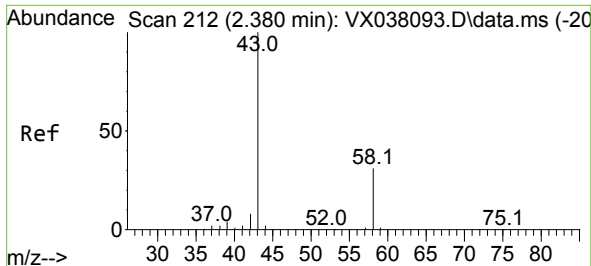
Tgt Ion: 56 Resp: 84

Ion Ratio Lower Upper

56 100

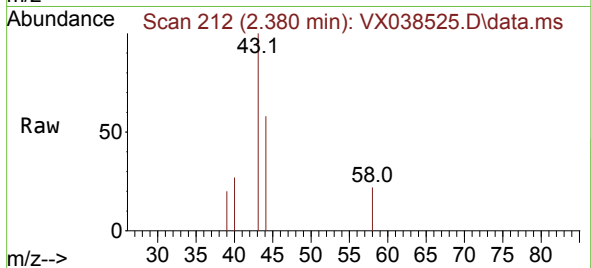
55 0.0 57.1 85.7#



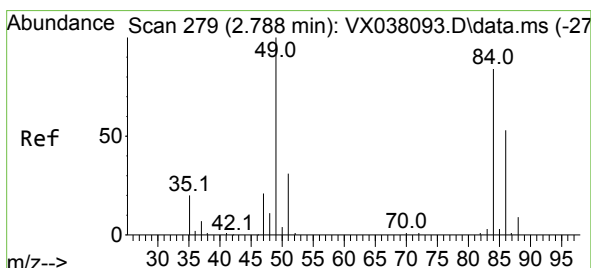
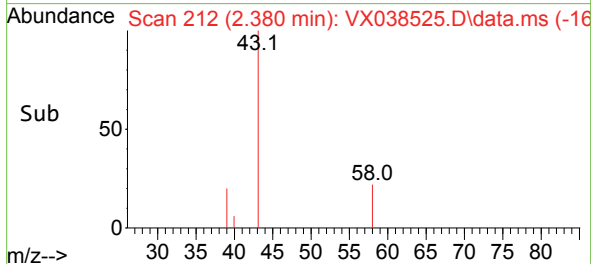
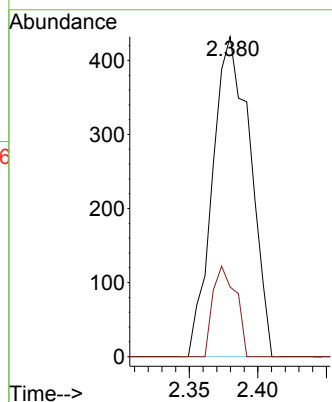


#16
Acetone
Concen: 0.670 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Instrument :
MSVOA_X
ClientSampleId :

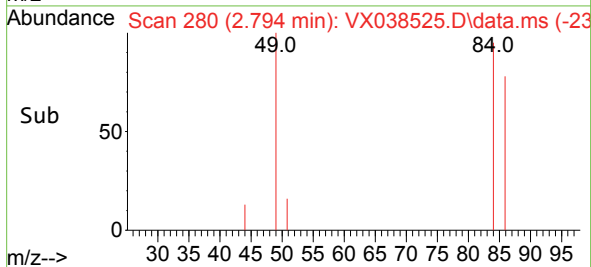
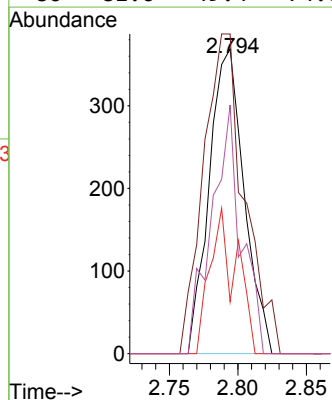
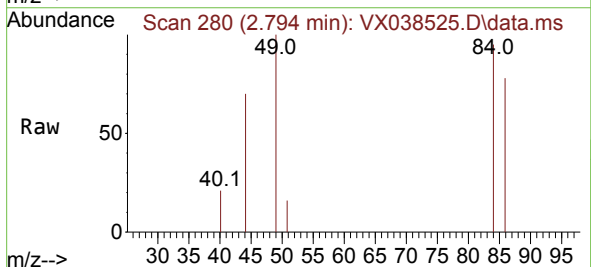


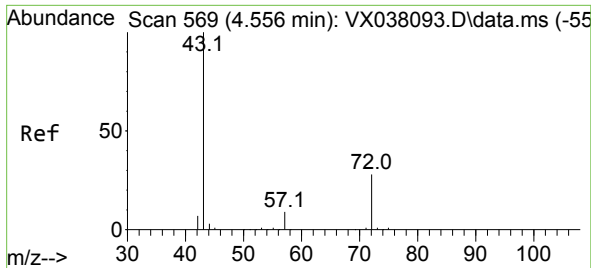
Tgt Ion: 43 Resp: 826
Ion Ratio Lower Upper
43 100
58 21.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.282 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Tgt Ion: 84 Resp: 654
Ion Ratio Lower Upper
84 100
49 104.9 103.6 155.4
51 17.1 33.8 50.6#
86 81.6 49.4 74.0#

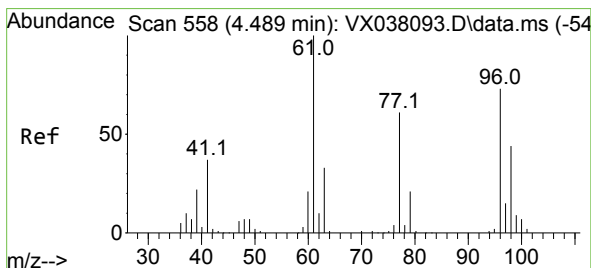
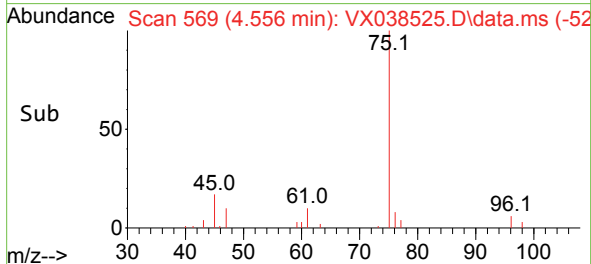
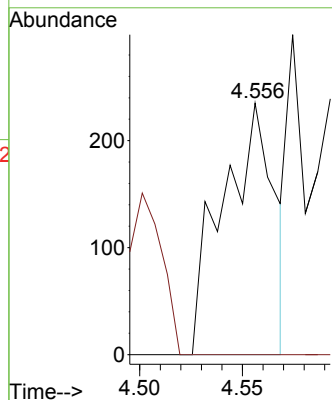
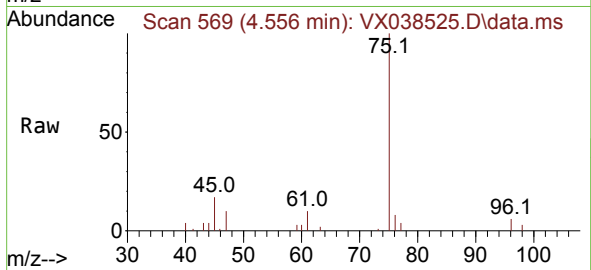




#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

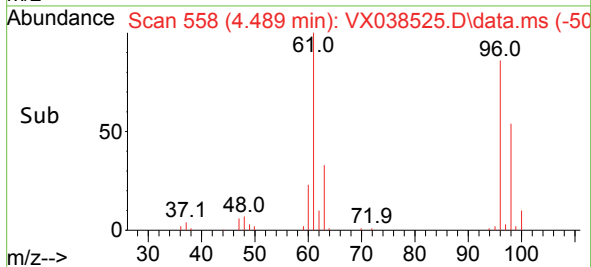
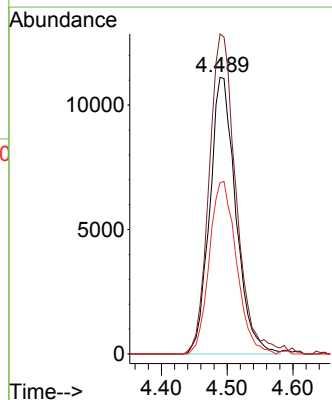
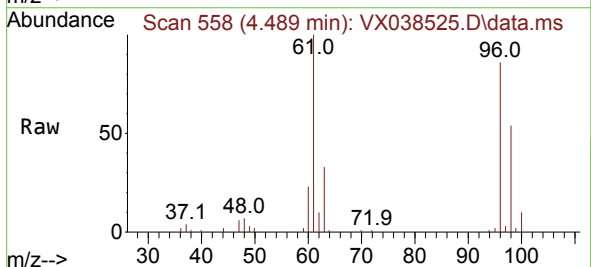
Instrument :
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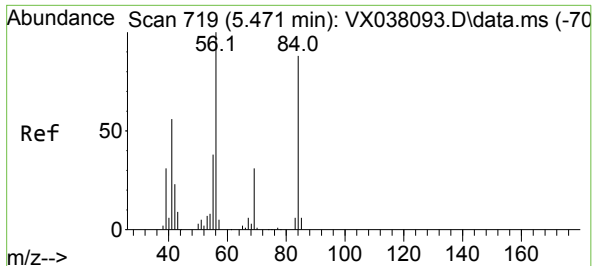
Tgt Ion: 43 Resp: 409
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#27
cis-1,2-Dichloroethene
Concen: 12.407 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

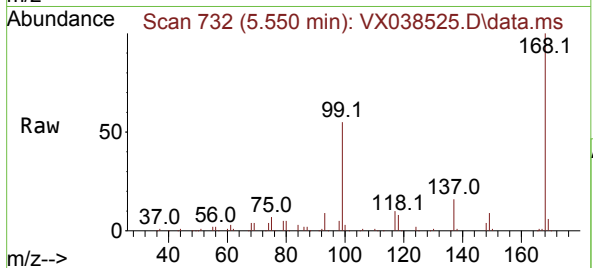
Tgt Ion: 96 Resp: 30738
Ion Ratio Lower Upper
96 100
61 119.9 0.0 312.2
98 64.7 0.0 129.0



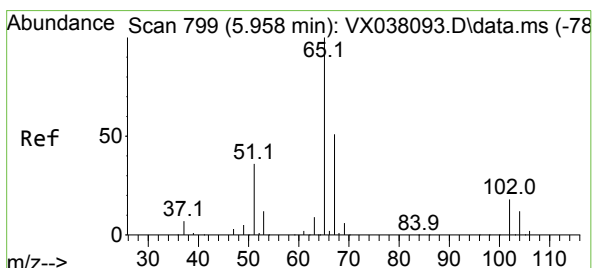
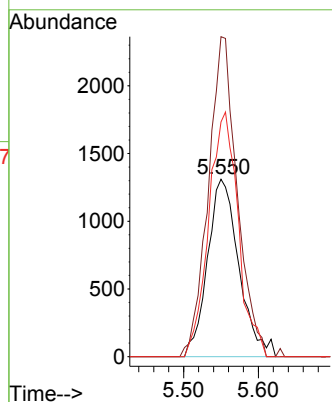
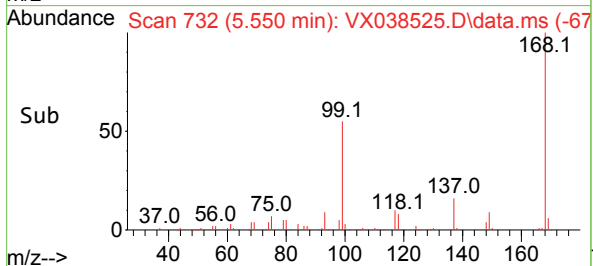


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Instrument :
MSVOA_X
ClientSampleId :

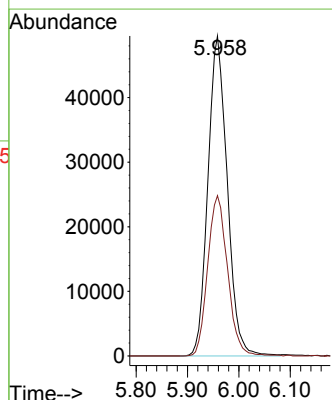
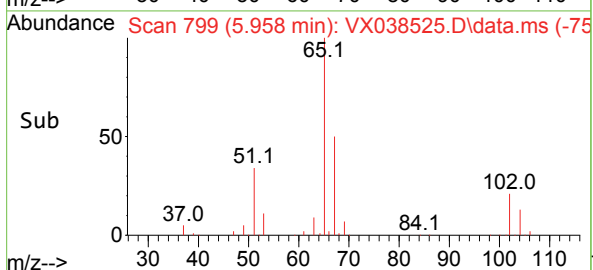
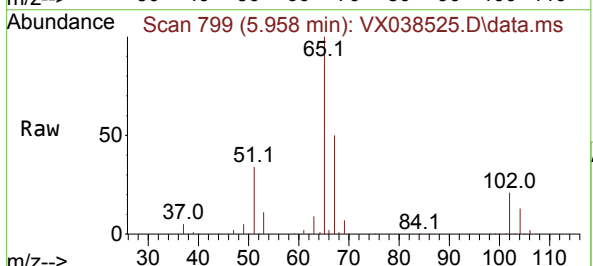


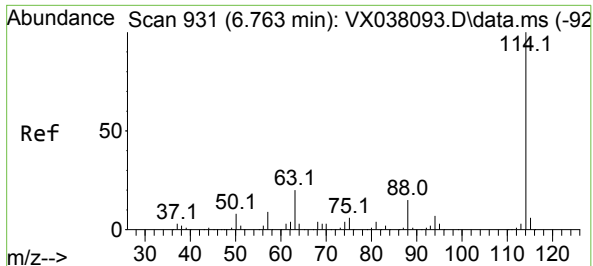
Tgt Ion: 56 Resp: 3827
Ion Ratio Lower Upper
56 100
69 180.4 23.4 35.2#
84 132.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 43.775 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Tgt Ion: 65 Resp: 129294
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

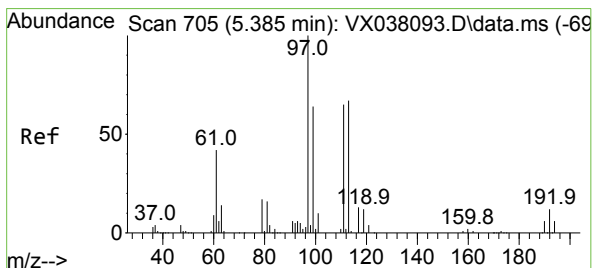
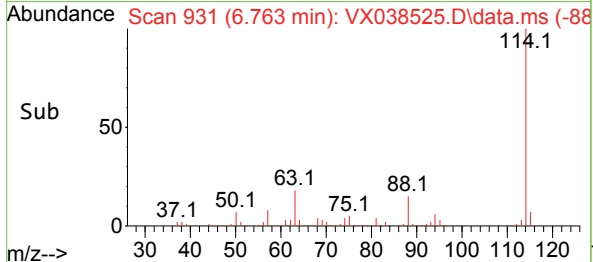
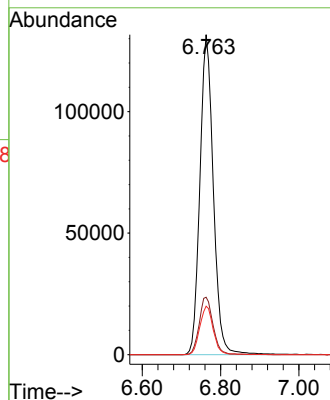
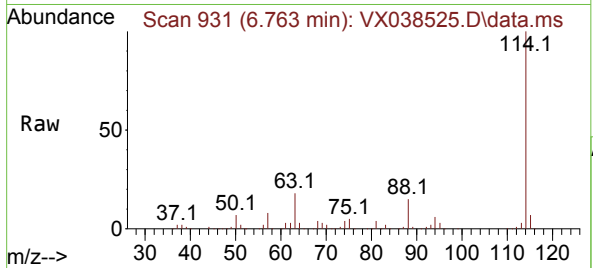




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

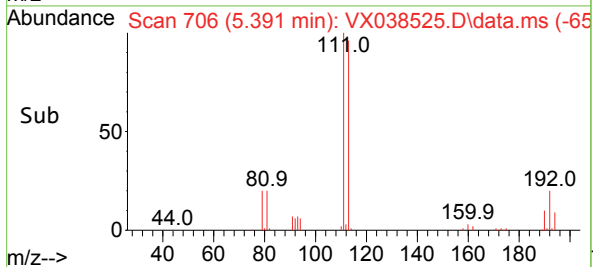
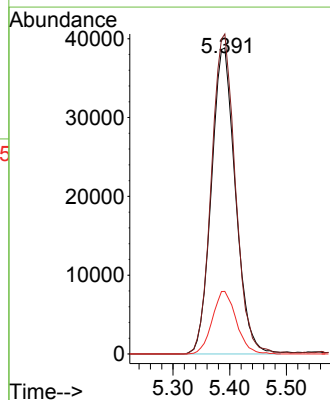
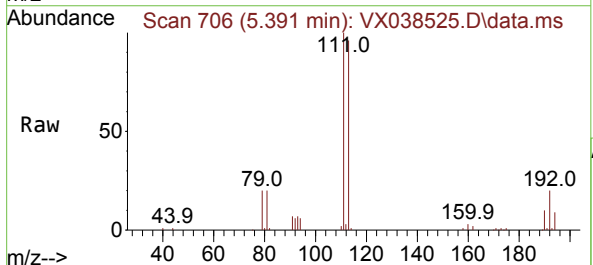
Instrument :
MSVOA_X
ClientSampleId :

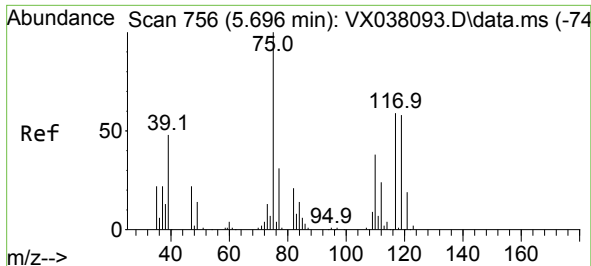
Tgt Ion:114 Resp: 314283
Ion Ratio Lower Upper
114 100
63 18.0 0.0 45.0
88 15.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.550 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

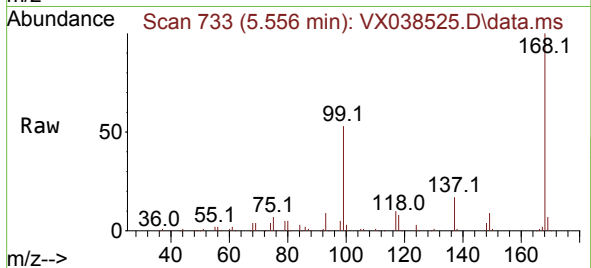
Tgt Ion:113 Resp: 114476
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 20.4 13.3 19.9#



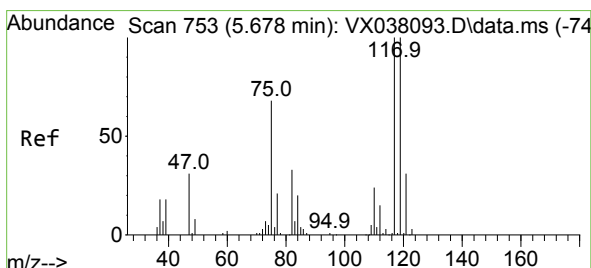
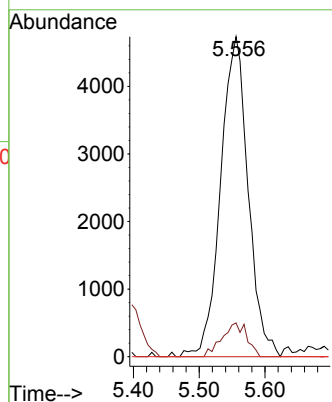
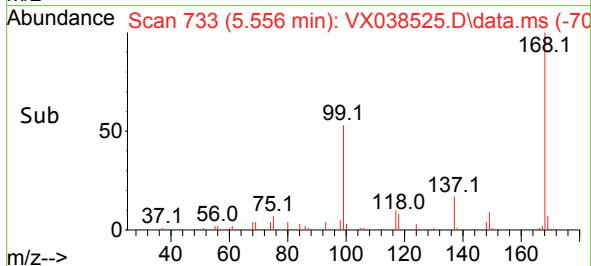


#36
1,1-Dichloropropene
Concen: 4.411 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

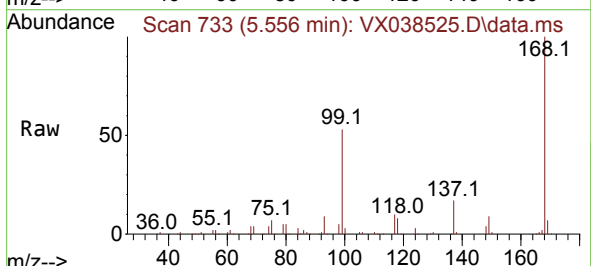
Instrument :
MSVOA_X
ClientSampleId :



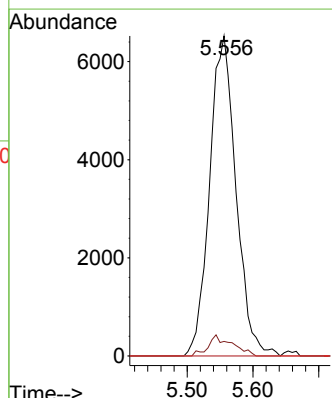
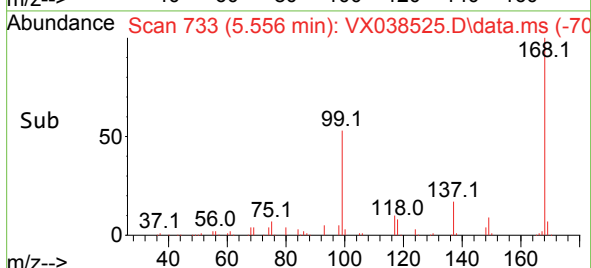
Tgt Ion: 75 Resp: 13774
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#

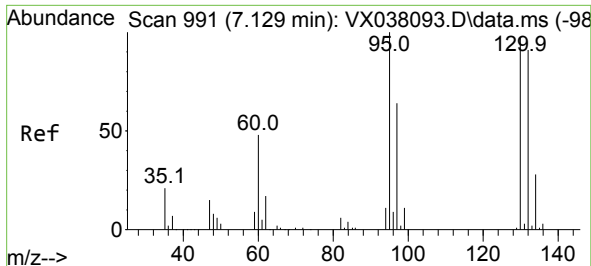


#38
Carbon Tetrachloride
Concen: 5.934 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05



Tgt Ion: 117 Resp: 18230
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

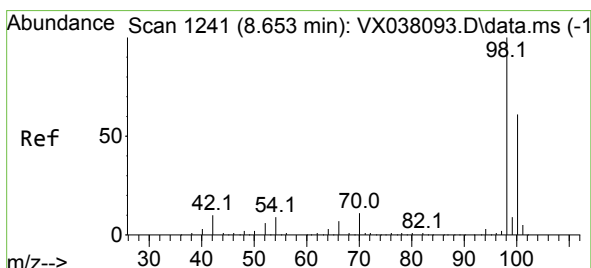
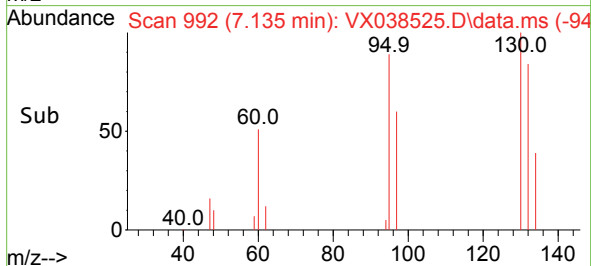
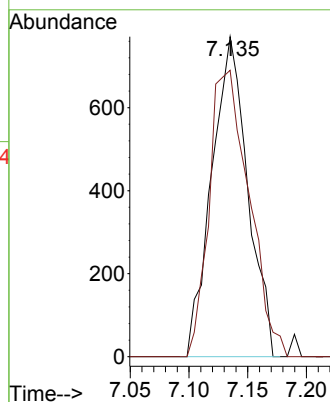
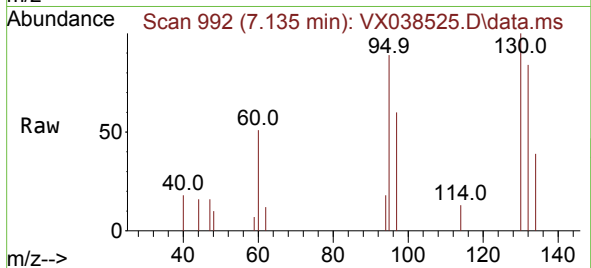




#44
Trichloroethene
Concen: 0.718 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

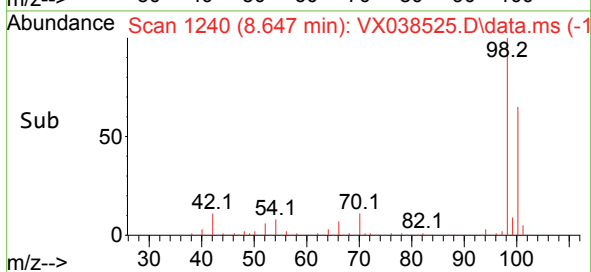
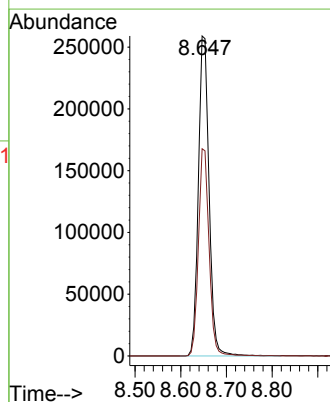
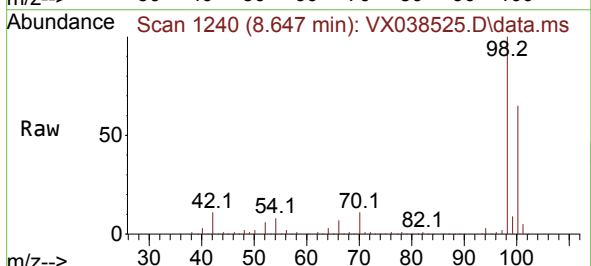
Instrument :
MSVOA_X
ClientSampleId :

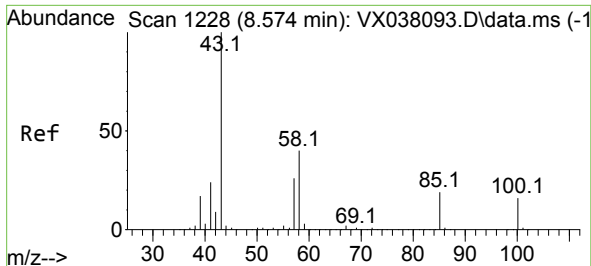
Tgt Ion:130 Resp: 1641
Ion Ratio Lower Upper
130 100
95 89.5 0.0 204.4



#50
Toluene-d8
Concen: 48.533 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Tgt Ion: 98 Resp: 419987
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

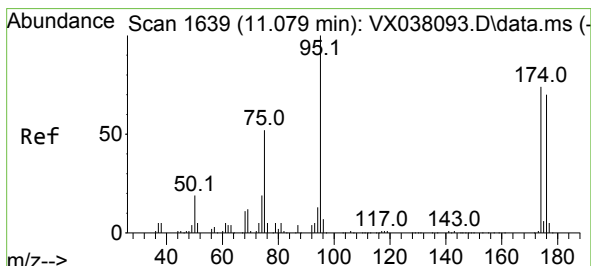
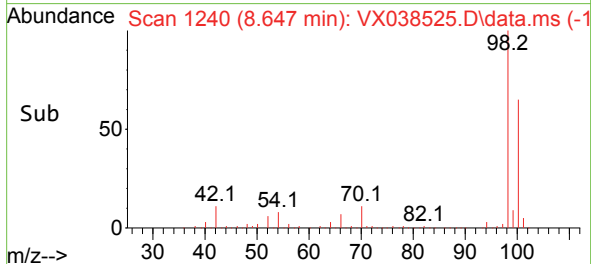
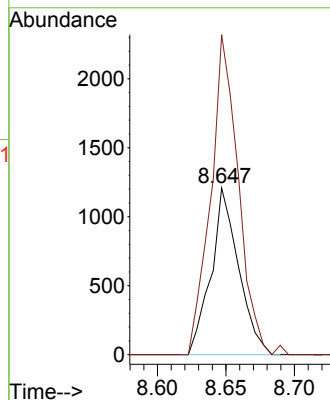
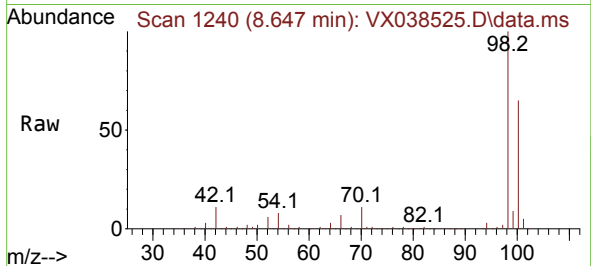




#51
4-Methyl-2-Pentanone
Concen: 0.443 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

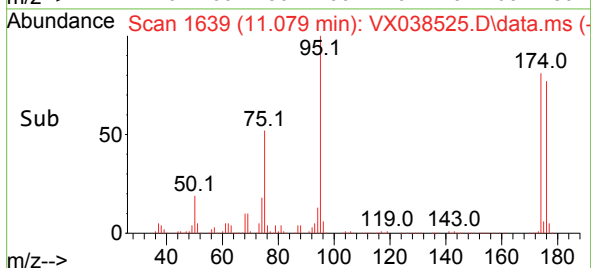
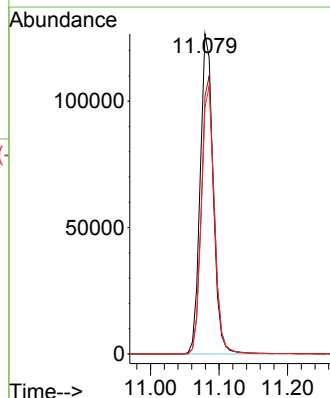
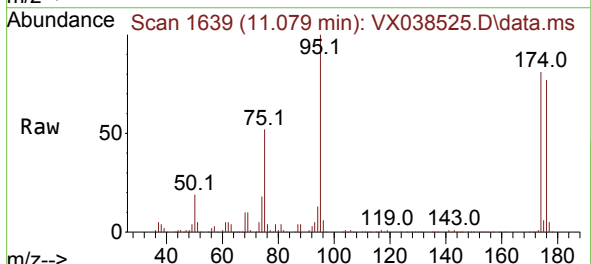
Instrument :
MSVOA_X
ClientSampleId :

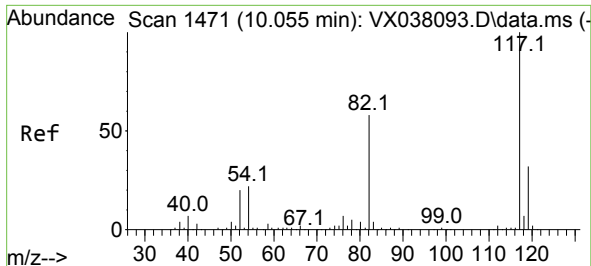
Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
58 192.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 50.797 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Tgt Ion: 95 Resp: 166649
Ion Ratio Lower Upper
95 100
174 86.8 0.0 135.6
176 84.1 0.0 131.0

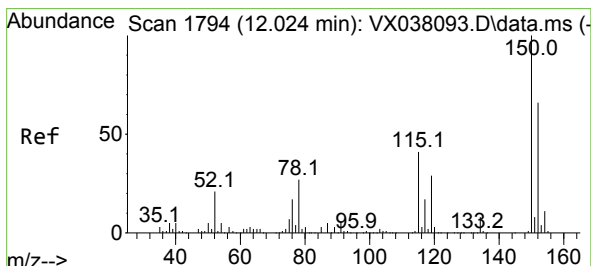
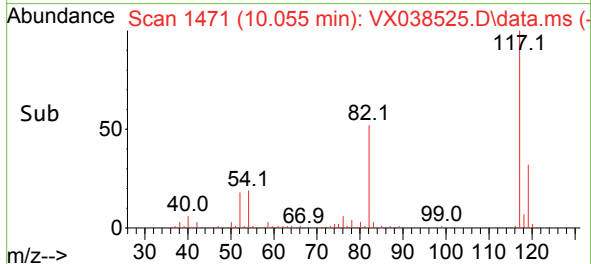
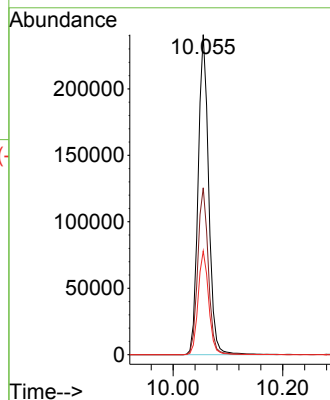
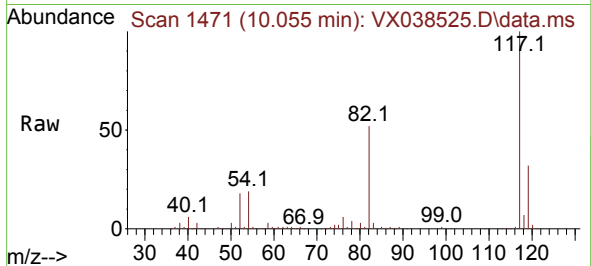




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

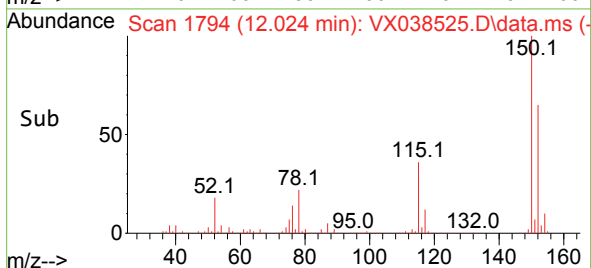
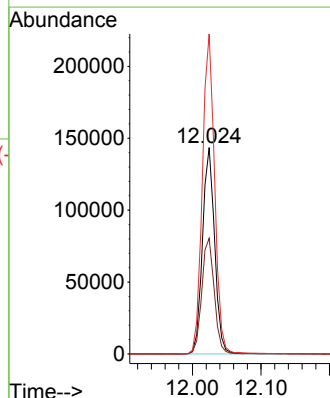
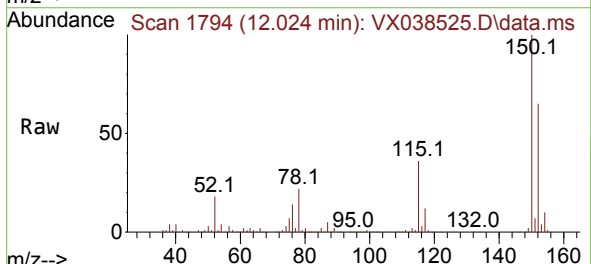
Instrument :
MSVOA_X
ClientSampleId :

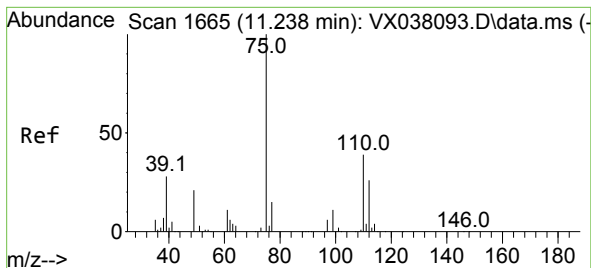
Tgt Ion:117 Resp: 322892
Ion Ratio Lower Upper
117 100
82 52.1 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038525.D
Acq: 26 Oct 2023 18:05

Tgt Ion:152 Resp: 177961
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.9
150 156.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.073 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX038525.D

Acq: 26 Oct 2023 18:05

Instrument :

MSVOA_X

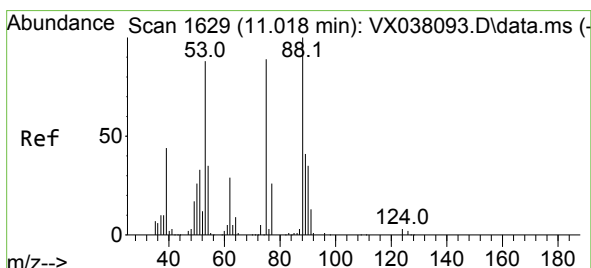
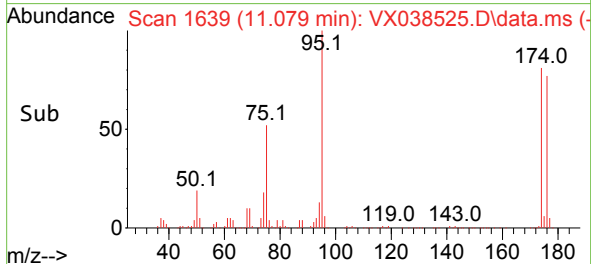
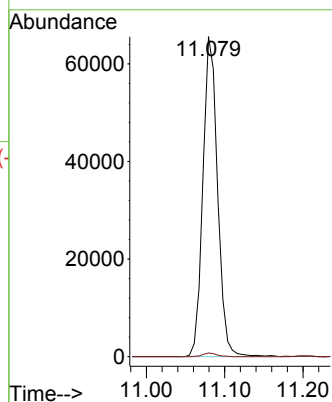
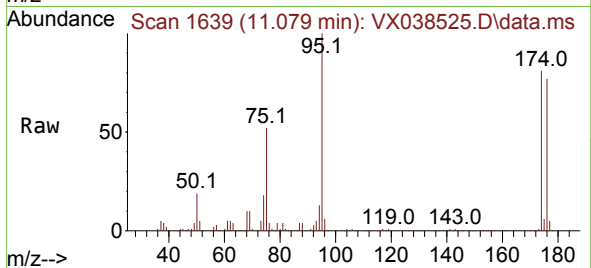
ClientSampleId :

Tgt Ion: 75 Resp: 85257

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 60.603 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038525.D

Acq: 26 Oct 2023 18:05

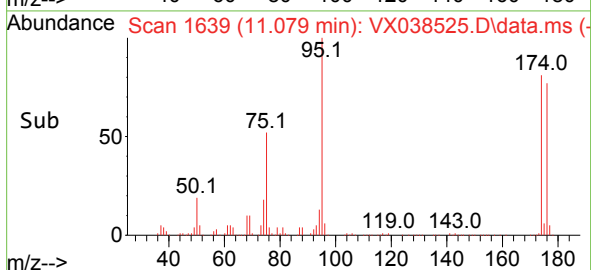
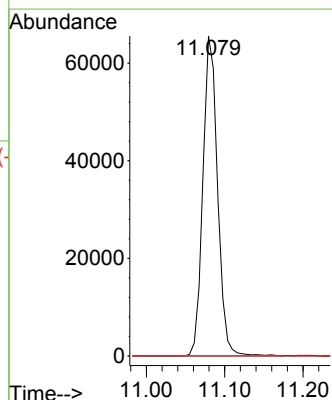
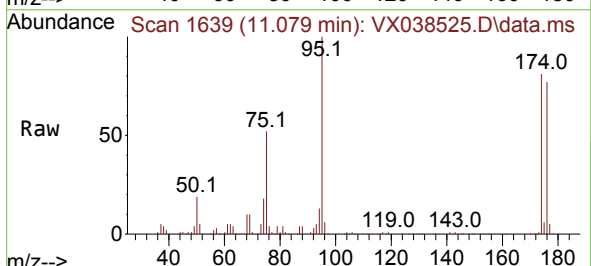
Tgt Ion: 75 Resp: 85257

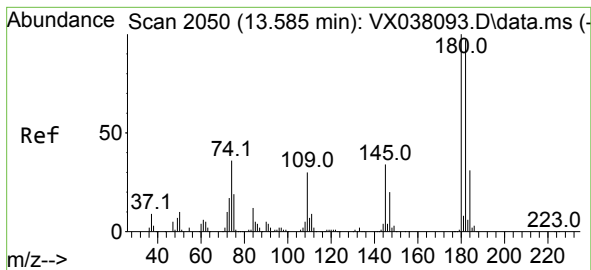
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

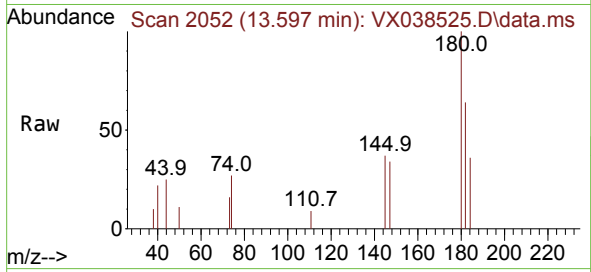
89 0.0 36.9 55.3#





#93
 1,2,4-Trichlorobenzene
 Concen: 0.221 ug/l
 RT: 13.597 min Scan# 2052
 Delta R.T. 0.012 min
 Lab File: VX038525.D
 Acq: 26 Oct 2023 18:05

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	832
Ion	Ratio	Lower	Upper
180	100		
182	79.3	48.3	144.8
145	34.6	18.0	54.0

