

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062723\
 Data File : VX036352.D
 Acq On : 27 Jun 2023 16:00
 Operator : JC/MD
 Sample : 03402-05RE
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP3-0623RE

Quant Time: Jun 28 04:21:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	311350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	541512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	486427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	229552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	398881	89.375	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	178.760%#
35) Dibromofluoromethane	5.385	113	290064	81.237	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	162.480%#
50) Toluene-d8	8.647	98	1108596	83.128	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	166.260%#
62) 4-Bromofluorobenzene	11.085	95	407352	86.718	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	173.440%#

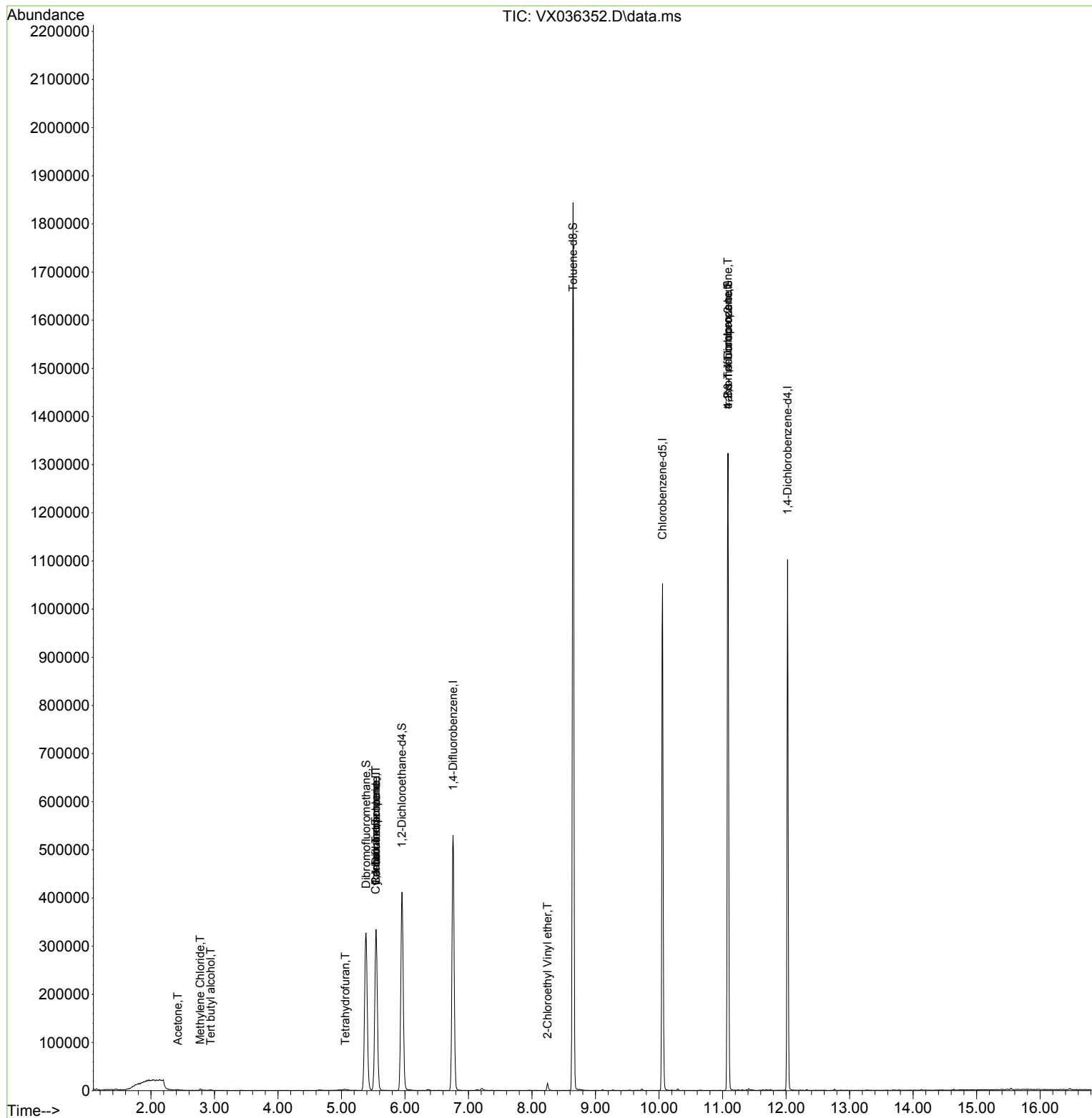
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.941	59	765	0.942	ug/l	# 78
16) Acetone	2.422	43	1777	0.932	ug/l	# 85
20) Methylene Chloride	2.776	84	1451	0.353	ug/l	# 87
29) Tetrahydrofuran	5.062	42	937	0.537	ug/l	# 84
31) Cyclohexane	5.538	56	6851	1.198	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	25253	4.745	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	32457	6.677	ug/l	# 16
58) 2-Chloroethyl Vinyl ether	8.244	63	6204	1.885	ug/l	# 99
76) 1,2,3-Trichloropropane	11.085	75	208921	42.668	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	208921	139.087	ug/l	# 5

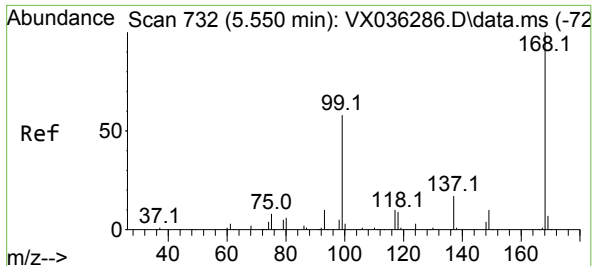
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

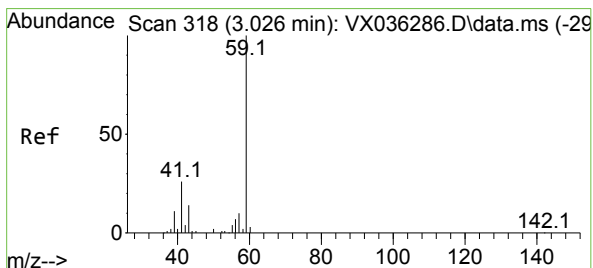
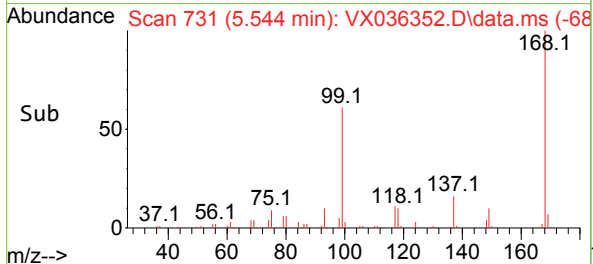
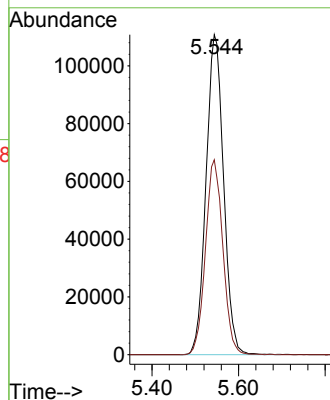
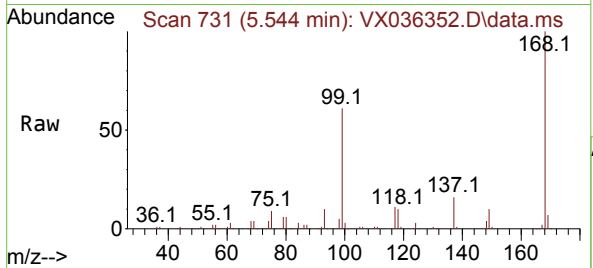




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

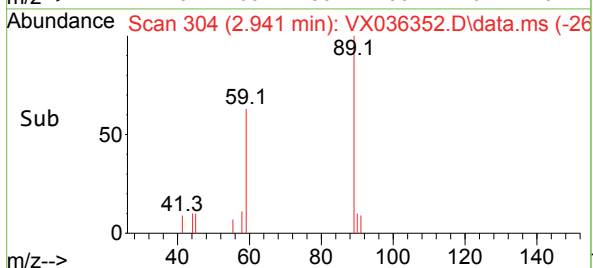
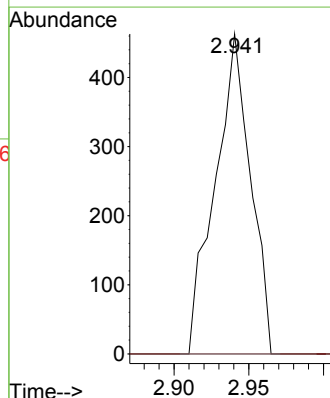
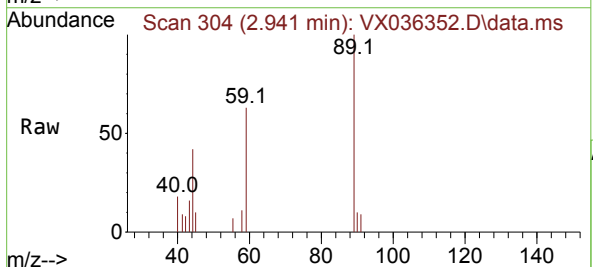
Instrument :
MSVOA_X
ClientSampleId :
TP3-0623RE

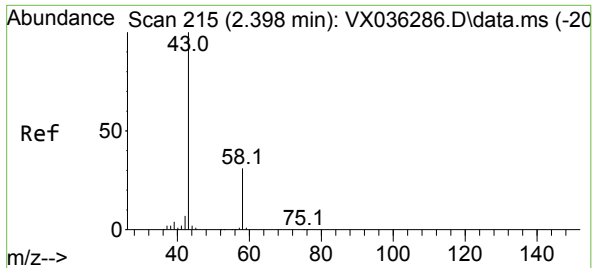
Tgt Ion:168 Resp: 311350
Ion Ratio Lower Upper
168 100
99 60.9 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.942 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.072 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Tgt Ion: 59 Resp: 765
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

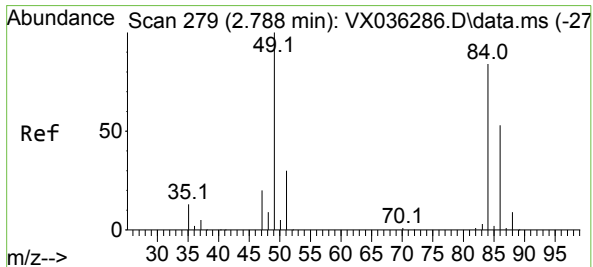
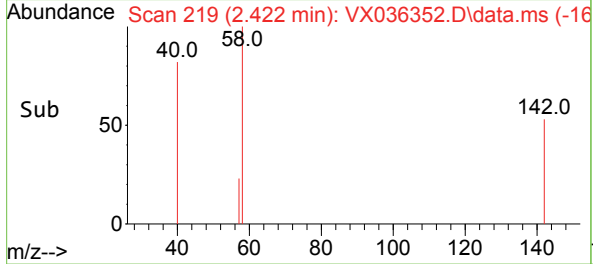
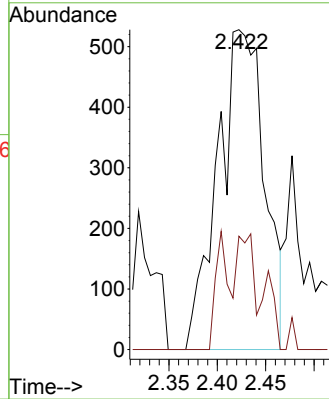
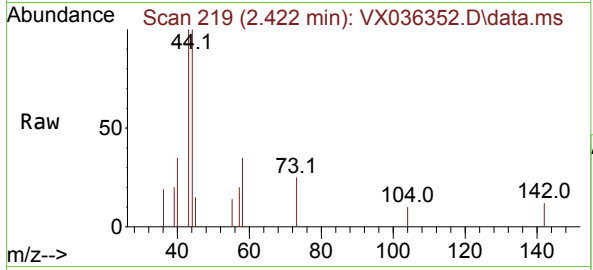




#16
Acetone
Concen: 0.932 ug/l
RT: 2.422 min Scan# 215
Delta R.T. 0.018 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

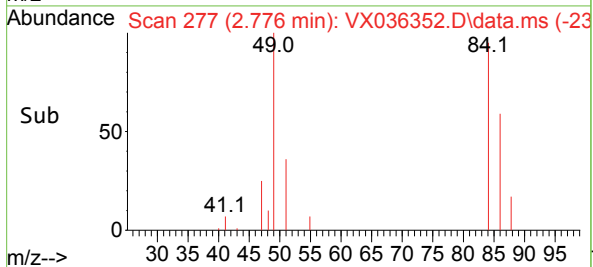
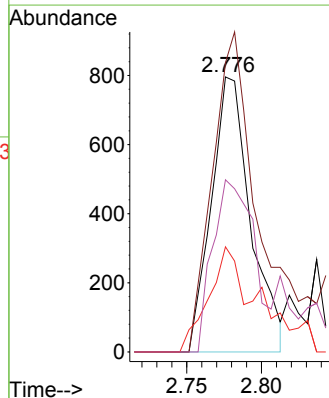
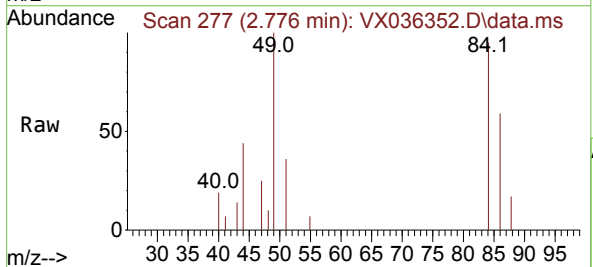
Instrument :
MSVOA_X
ClientSampleId :
TP3-0623RE

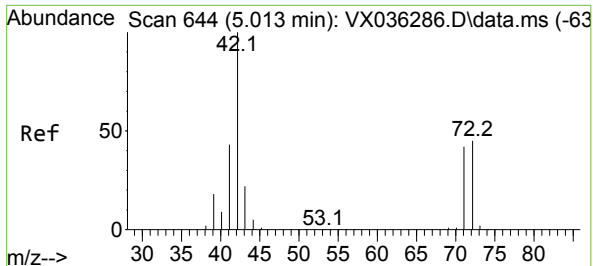
Tgt Ion: 43 Resp: 1777
Ion Ratio Lower Upper
43 100
58 35.4 21.9 32.9#



#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Tgt Ion: 84 Resp: 1451
Ion Ratio Lower Upper
84 100
49 105.2 103.6 155.4
51 38.2 33.8 50.6
86 62.6 49.4 74.0





#29

Tetrahydrofuran

Concen: 0.537 ug/l

RT: 5.062 min Scan# 61

Delta R.T. 0.043 min

Lab File: VX036352.D

Acq: 27 Jun 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

TP3-0623RE

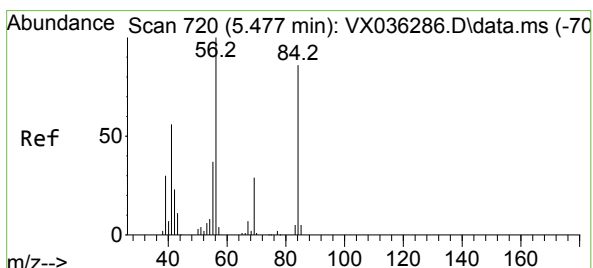
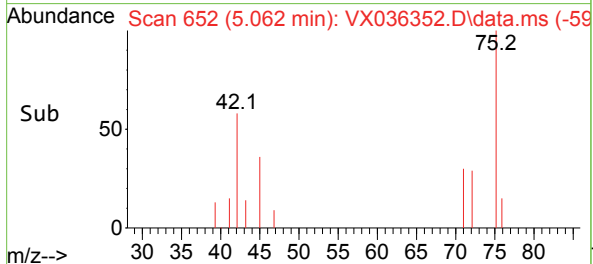
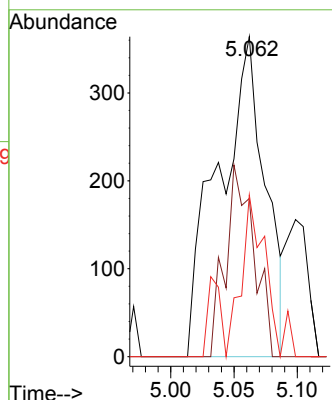
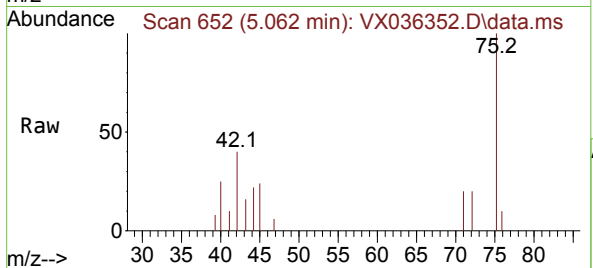
Tgt Ion: 42 Resp: 937

Ion Ratio Lower Upper

42 100

72 36.4 34.2 51.4

71 26.8 32.2 48.2#



#31

Cyclohexane

Concen: 1.198 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.068 min

Lab File: VX036352.D

Acq: 27 Jun 2023 16:00

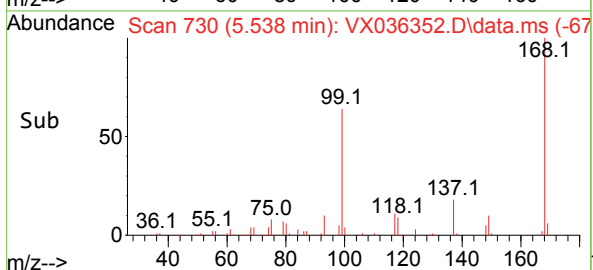
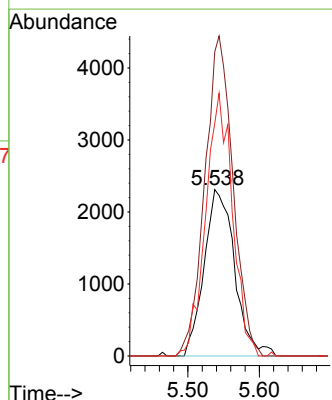
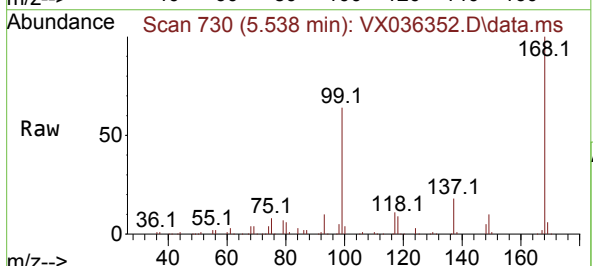
Tgt Ion: 56 Resp: 6851

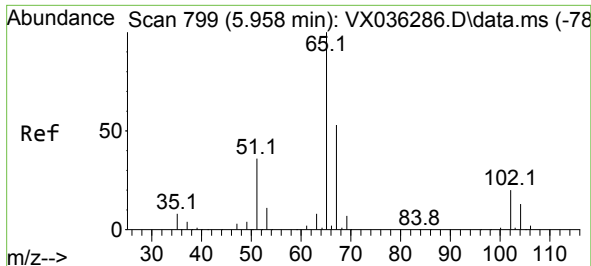
Ion Ratio Lower Upper

56 100

69 182.8 23.4 35.2#

84 139.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 89.375 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036352.D

Acq: 27 Jun 2023 16:00

Instrument :

MSVOA_X

ClientSampleId :

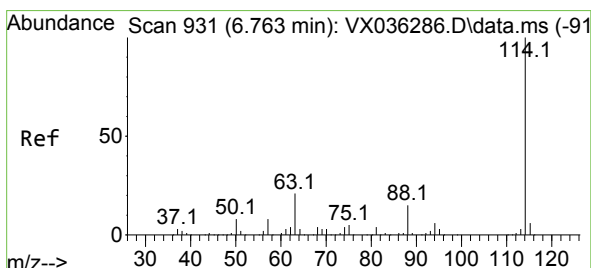
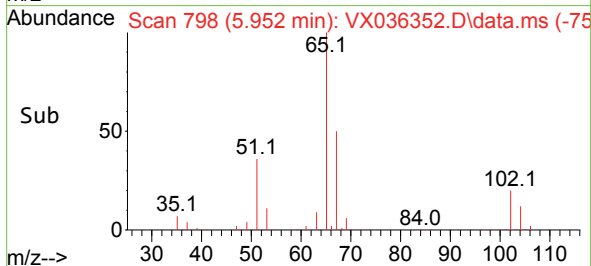
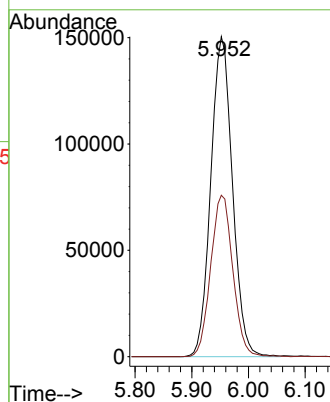
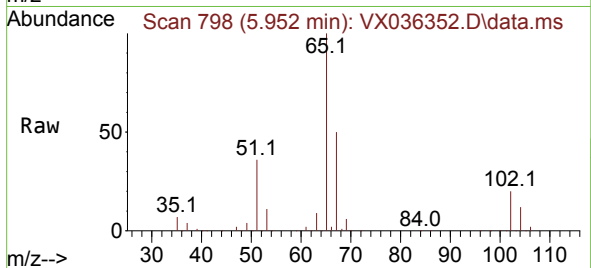
TP3-0623RE

Tgt Ion: 65 Resp: 398881

Ion Ratio Lower Upper

65 100

67 51.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036352.D

Acq: 27 Jun 2023 16:00

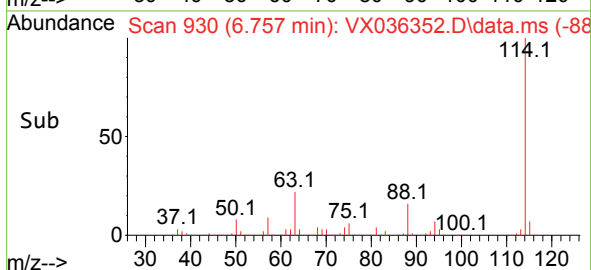
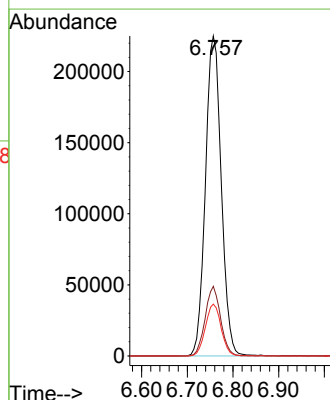
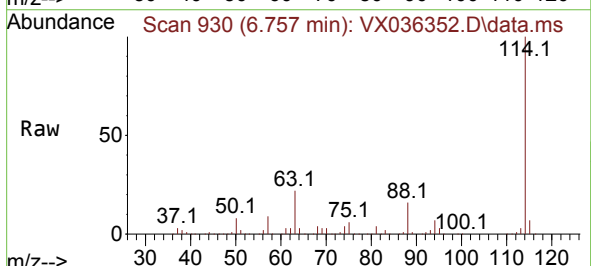
Tgt Ion: 114 Resp: 541512

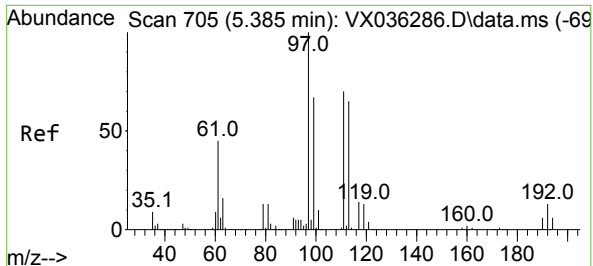
Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.0

88 16.2 0.0 36.6

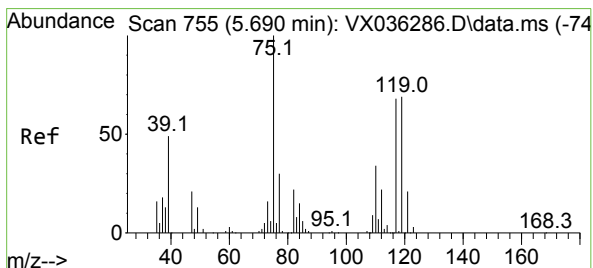
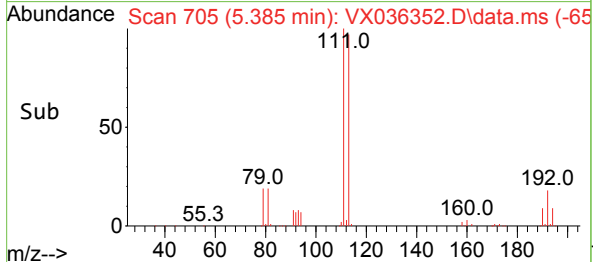
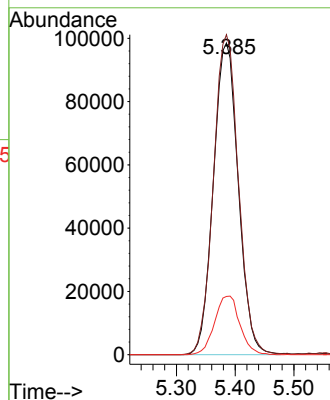
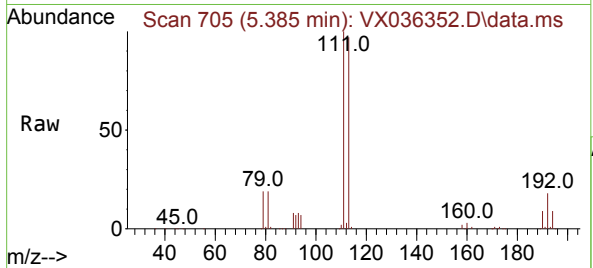




#35
 Dibromofluoromethane
 Concen: 81.237 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX036352.D
 Acq: 27 Jun 2023 16:00

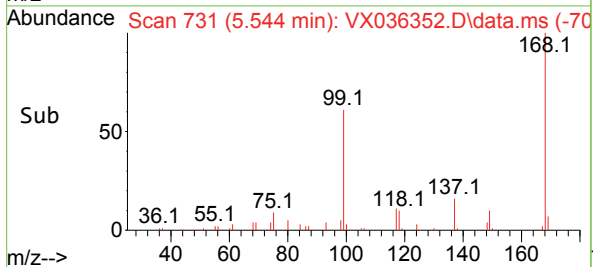
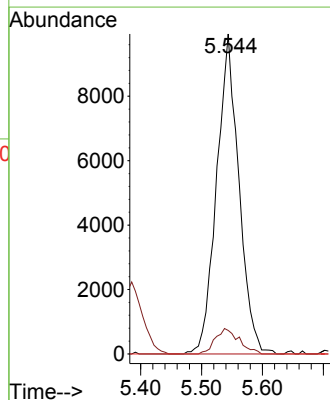
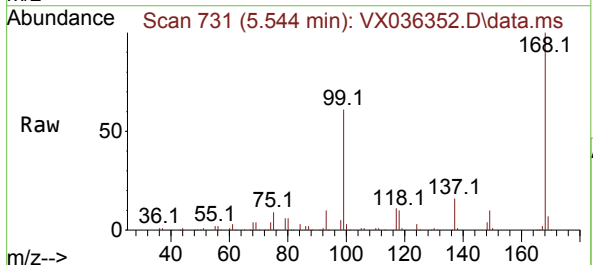
Instrument :
 MSVOA_X
 ClientSampleId :
 TP3-0623RE

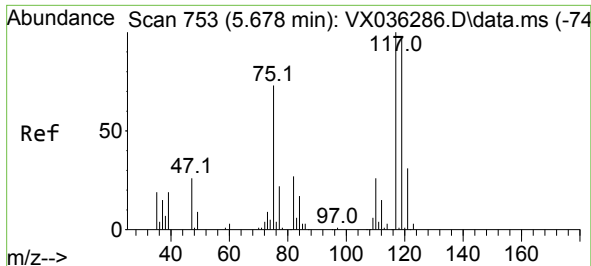
Tgt Ion:113 Resp: 290064
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 19.0 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 4.745 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.152 min
 Lab File: VX036352.D
 Acq: 27 Jun 2023 16:00

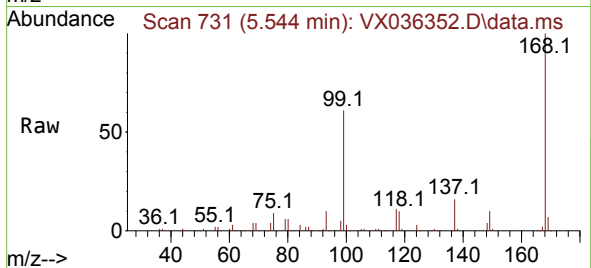
Tgt Ion: 75 Resp: 25253
 Ion Ratio Lower Upper
 75 100
 110 8.5 17.0 50.9#
 77 0.0 24.7 37.1#



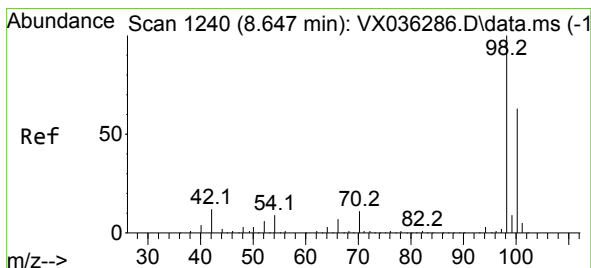
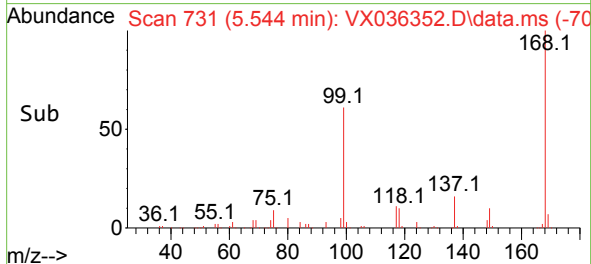
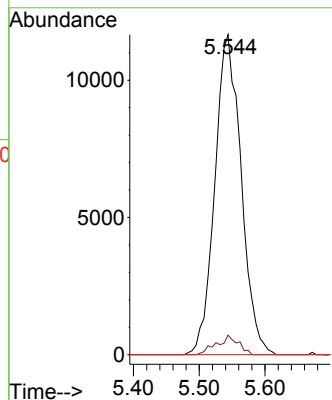


#38
Carbon Tetrachloride
Concen: 6.677 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Instrument :
MSVOA_X
ClientSampleId :
TP3-0623RE

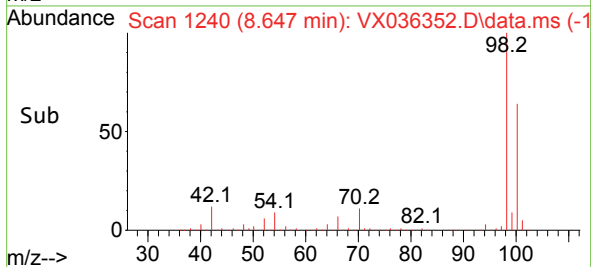
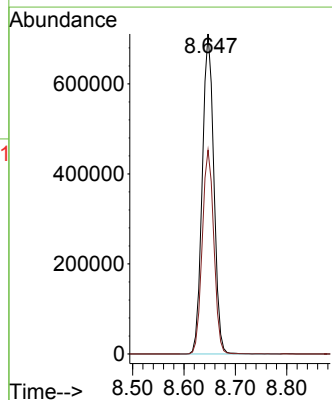
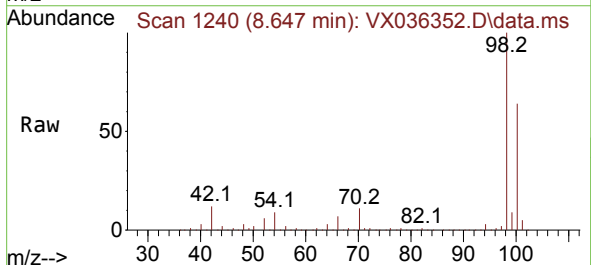


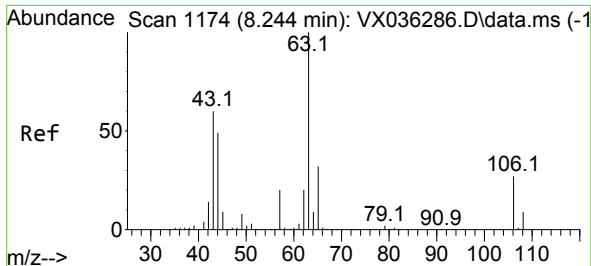
Tgt Ion:117 Resp: 32457
Ion Ratio Lower Upper
117 100
119 6.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 83.128 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.001 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Tgt Ion: 98 Resp: 1108596
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

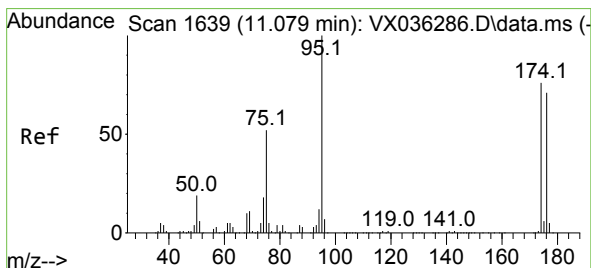
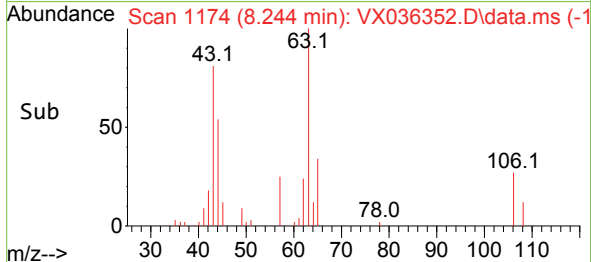
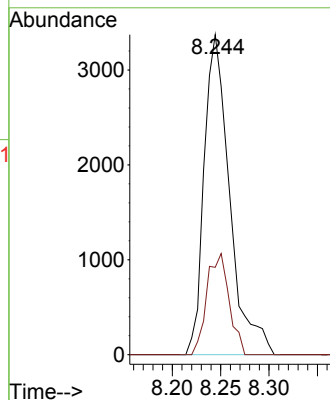
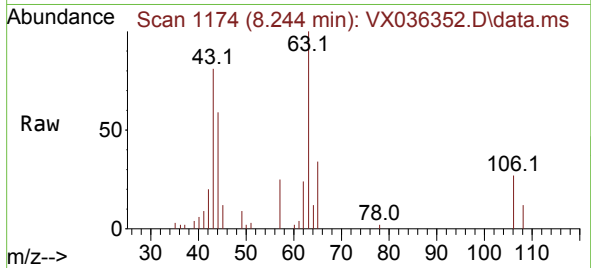




#58
2-Chloroethyl Vinyl ether
Concen: 1.885 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

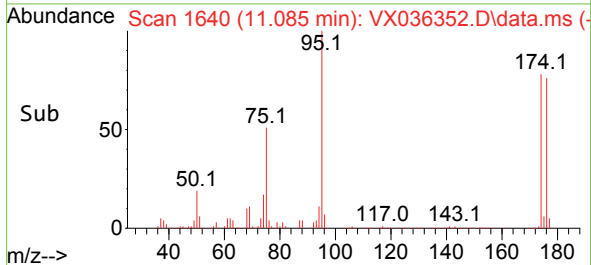
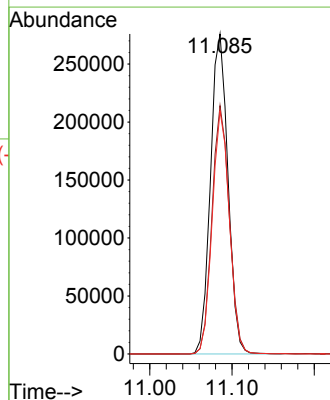
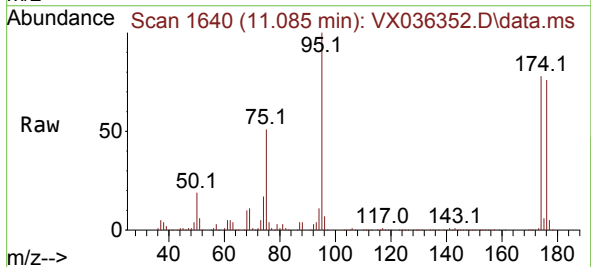
Instrument :
MSVOA_X
ClientSampleId :
TP3-0623RE

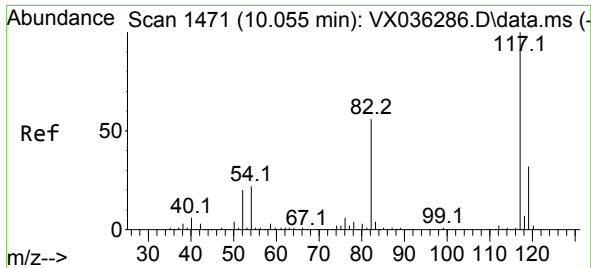
Tgt Ion: 63 Resp: 6204
Ion Ratio Lower Upper
63 100
106 27.5 22.5 33.7



#62
4-Bromofluorobenzene
Concen: 86.718 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Tgt Ion: 95 Resp: 407352
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 74.7 0.0 131.0

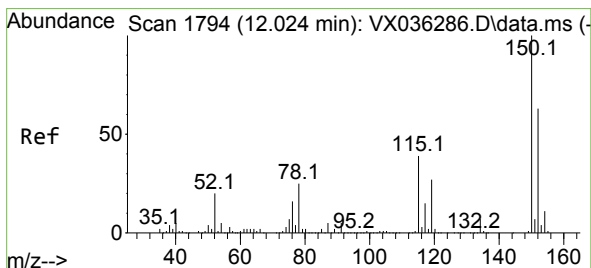
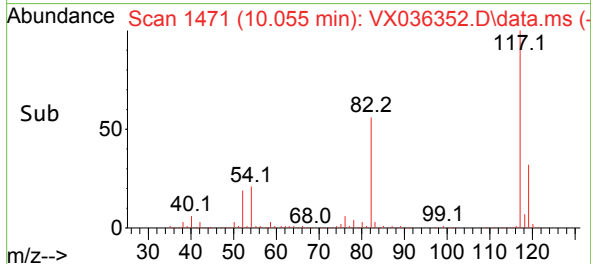
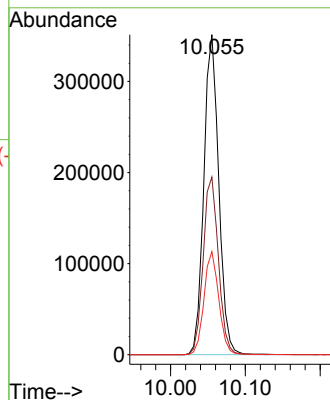
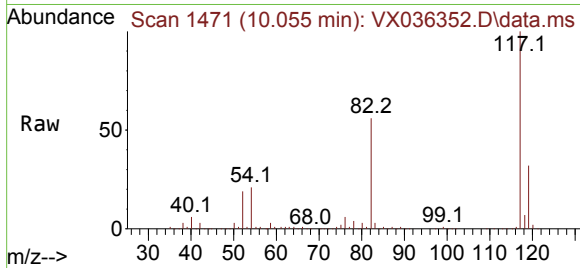




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

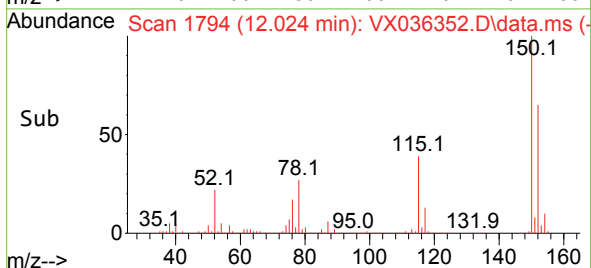
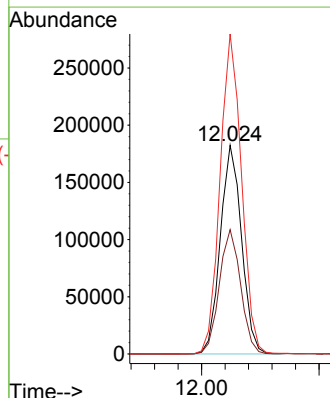
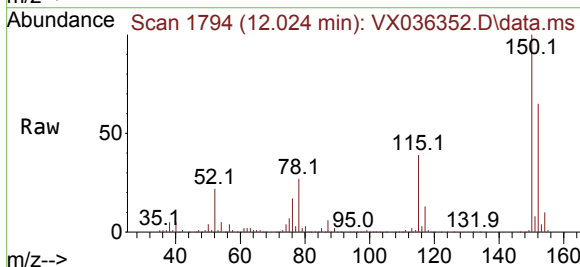
Instrument :
MSVOA_X
ClientSampleId :
TP3-0623RE

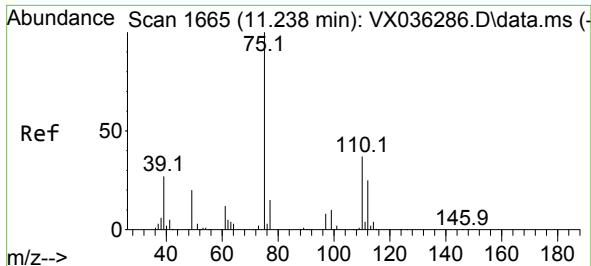
Tgt Ion:117 Resp: 486427
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Tgt Ion:152 Resp: 229552
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 154.9 0.0 345.0

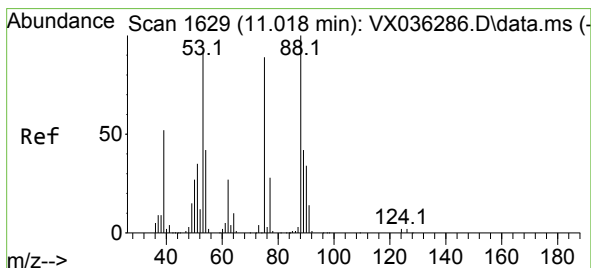
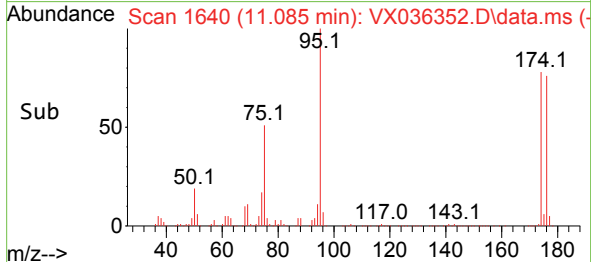
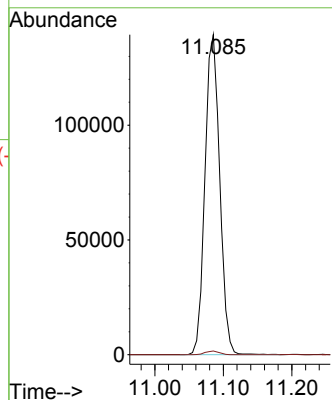
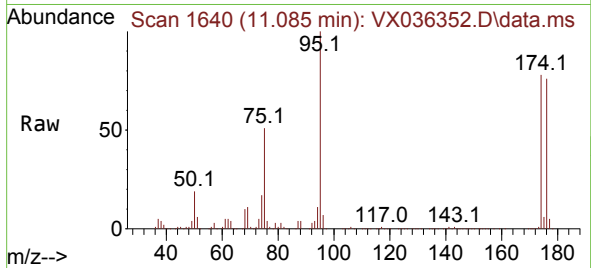




#76
1,2,3-Trichloropropane
Concen: 42.668 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.153 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Instrument :
MSVOA_X
ClientSampleId :
TP3-0623RE

Tgt Ion: 75 Resp: 208921
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.087 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX036352.D
Acq: 27 Jun 2023 16:00

Tgt Ion: 75 Resp: 208921
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

