

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034508.D
 Acq On : 15 Mar 2023 15:11
 Operator : JC/MD
 Sample : 01922-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-031423

Quant Time: Mar 16 05:19:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	237273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	401361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149180	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157389	45.596	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.200%
35) Dibromofluoromethane	5.385	113	127971	48.291	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.580%
50) Toluene-d8	8.647	98	484322	48.958	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.920%
62) 4-Bromofluorobenzene	11.079	95	179781	44.992	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%

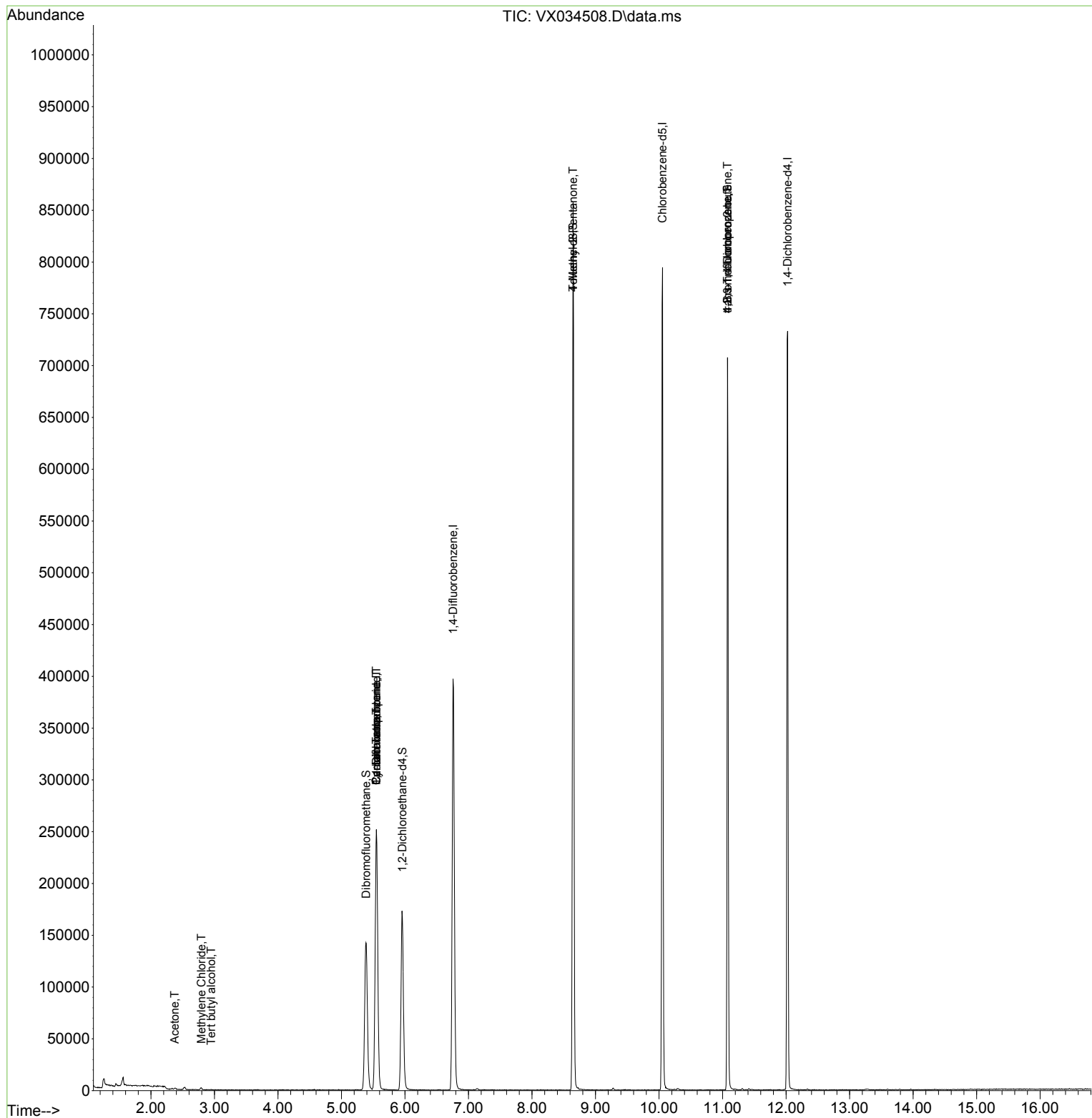
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.301	50	959	Below Cal	#	69
11) Tert butyl alcohol	2.947	59	155	0.216	ug/l #	73
16) Acetone	2.374	43	1776	1.092	ug/l #	86
20) Methylene Chloride	2.794	84	894	0.283	ug/l #	74
31) Cyclohexane	5.550	56	5828	1.204	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	19346	4.753	ug/l #	50
38) Carbon Tetrachloride	5.550	117	23895	5.901	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2615	0.598	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	93703	27.356	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	93703	74.006	ug/l #	8

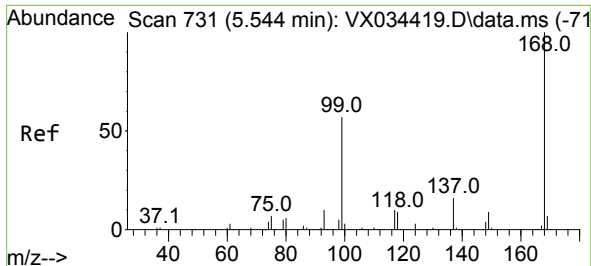
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

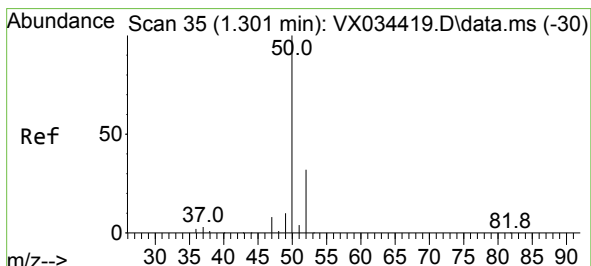
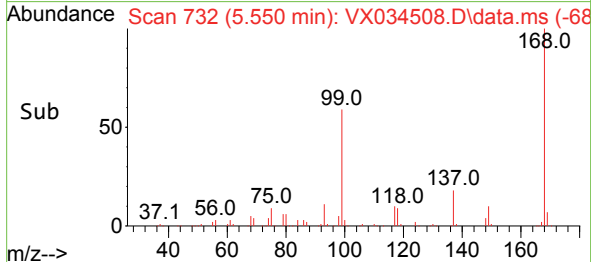
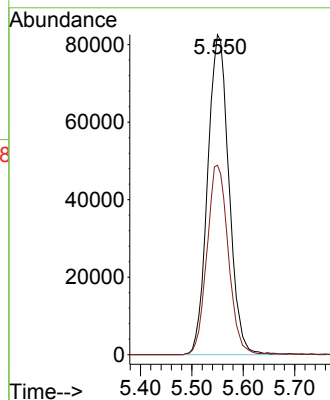
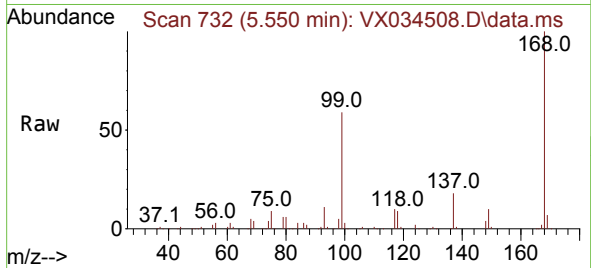




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

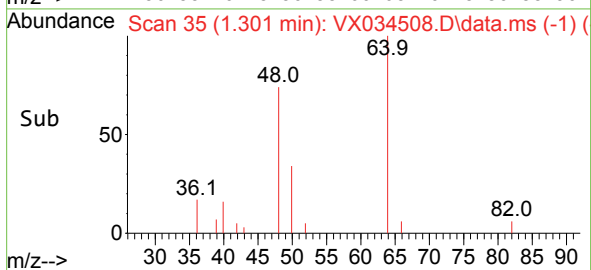
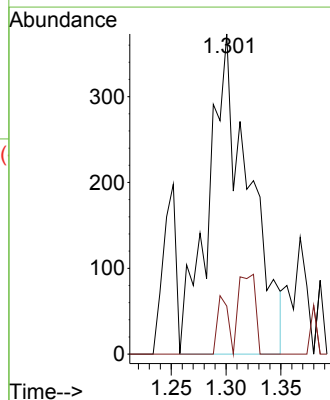
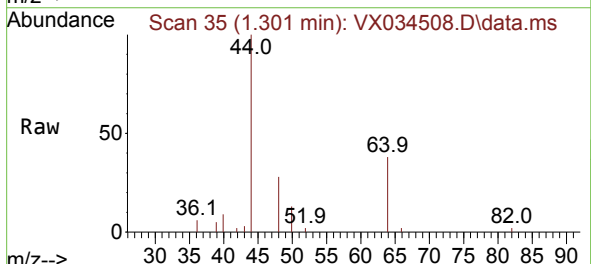
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031423

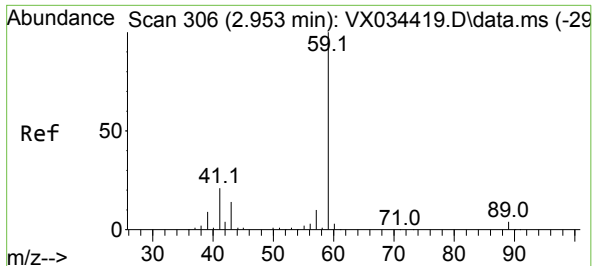
Tgt Ion:168 Resp: 237273
Ion Ratio Lower Upper
168 100
99 59.2 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

Tgt Ion: 50 Resp: 959
Ion Ratio Lower Upper
50 100
52 15.0 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.216 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034508.D

Acq: 15 Mar 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

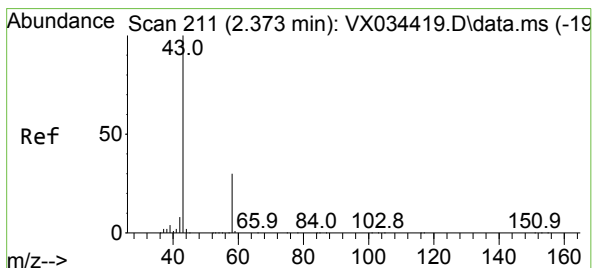
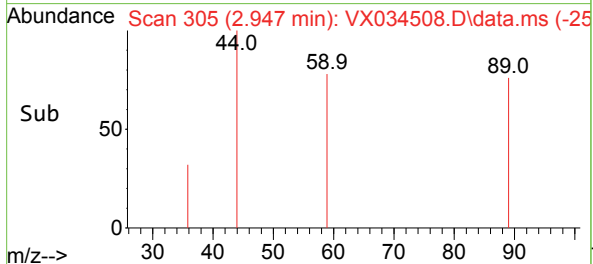
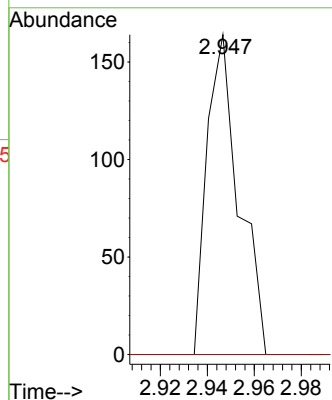
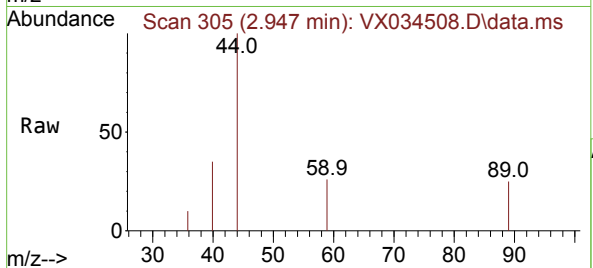
TB-01-031423

Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.092 ug/l

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034508.D

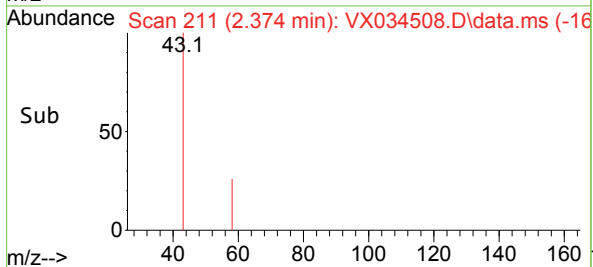
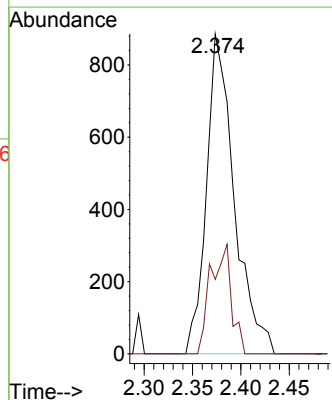
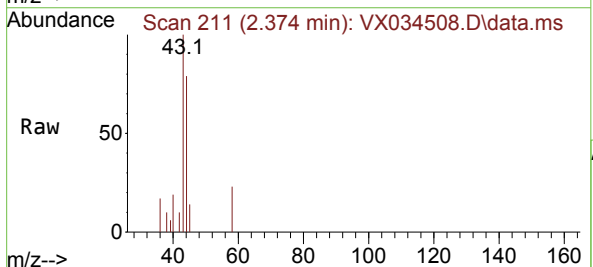
Acq: 15 Mar 2023 15:11

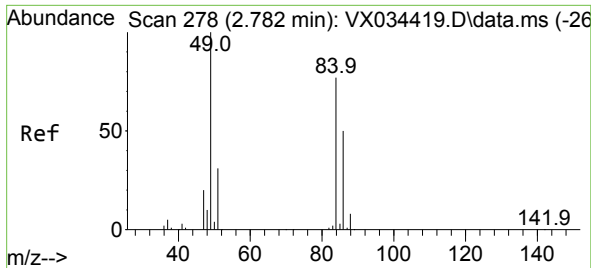
Tgt Ion: 43 Resp: 1776

Ion Ratio Lower Upper

43 100

58 23.3 24.7 37.1#

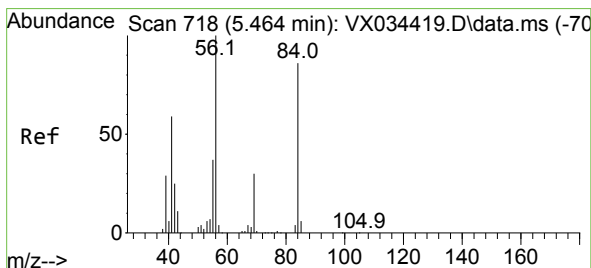
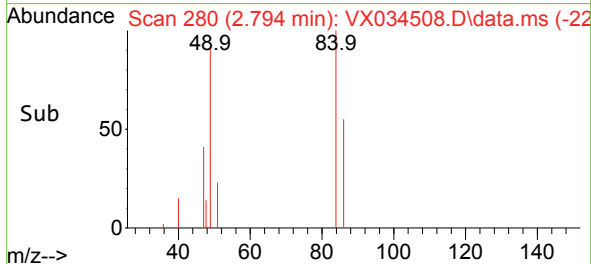
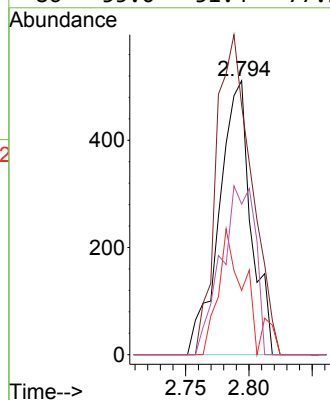
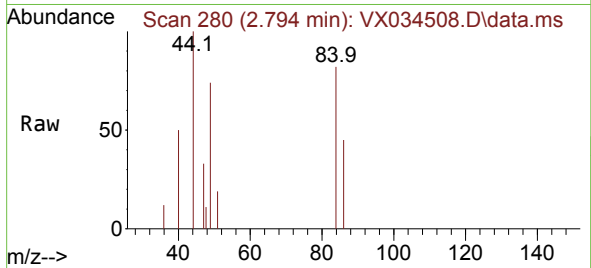




#20
Methylene Chloride
Concen: 0.283 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

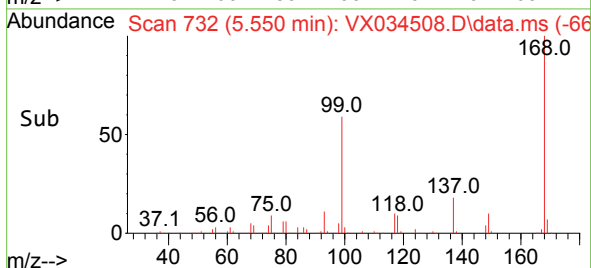
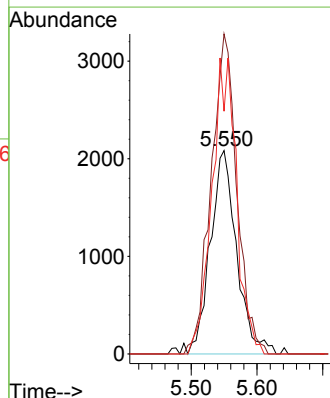
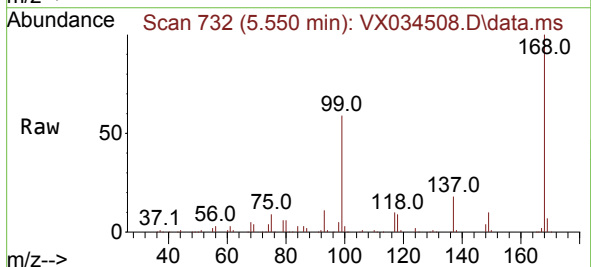
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031423

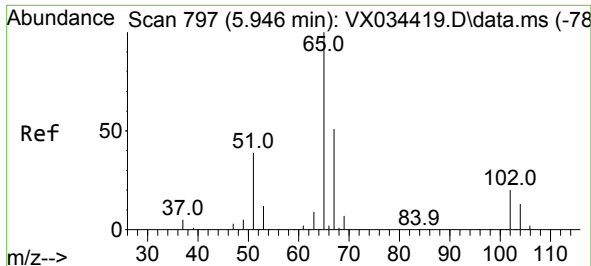
Tgt Ion:	84	Resp:	894
Ion	Ratio	Lower	Upper
84	100		
49	91.0	103.8	155.8#
51	23.5	31.8	47.8#
86	55.0	51.4	77.2



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

Tgt Ion:	56	Resp:	5828
Ion	Ratio	Lower	Upper
56	100		
69	157.3	23.7	35.5#
84	119.3	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 45.596 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034508.D

Acq: 15 Mar 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

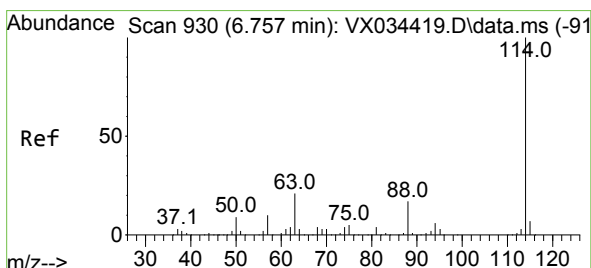
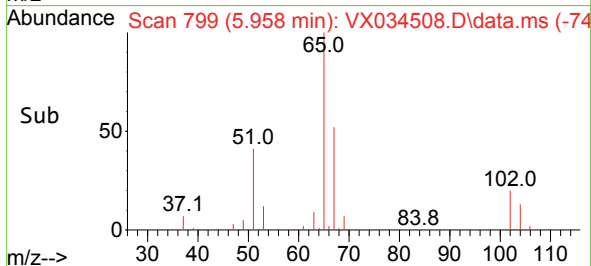
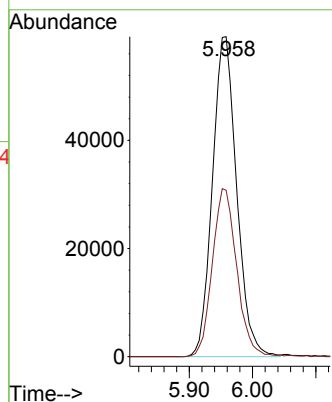
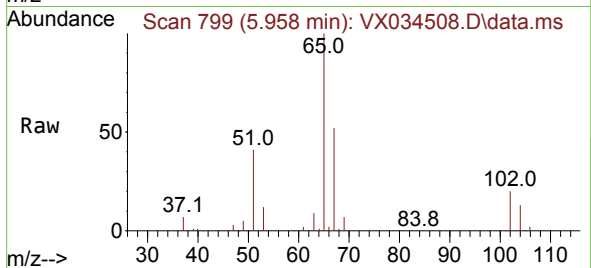
TB-01-031423

Tgt Ion: 65 Resp: 157389

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034508.D

Acq: 15 Mar 2023 15:11

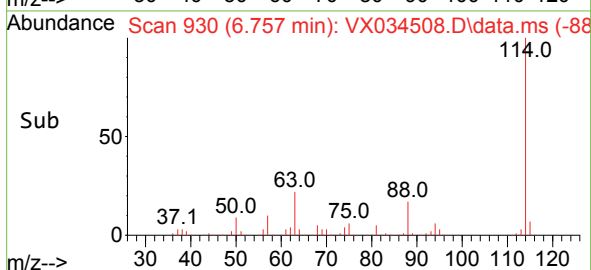
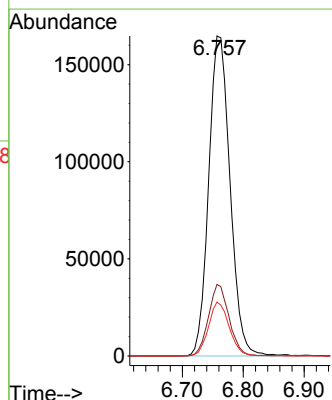
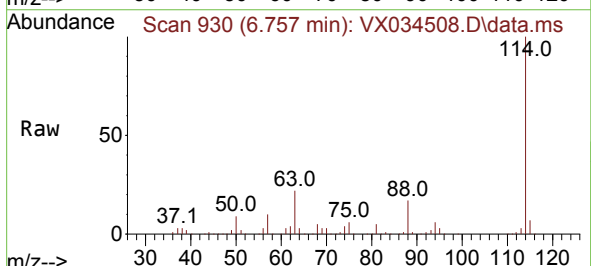
Tgt Ion: 114 Resp: 401361

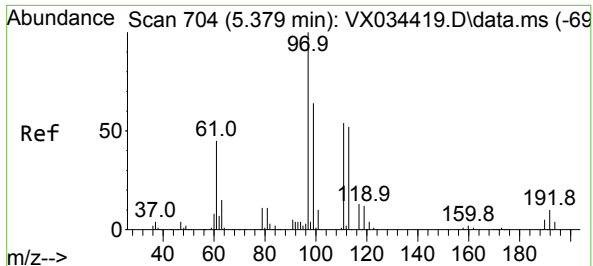
Ion Ratio Lower Upper

114 100

63 22.3 0.0 42.2

88 16.9 0.0 33.2

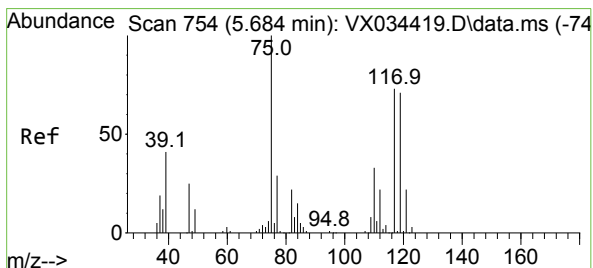
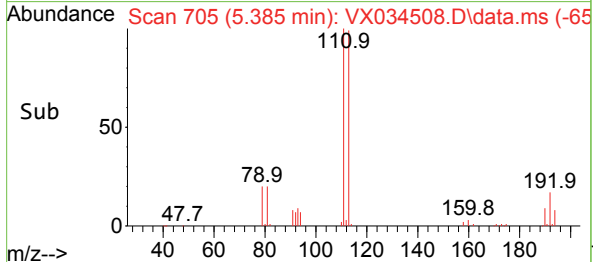
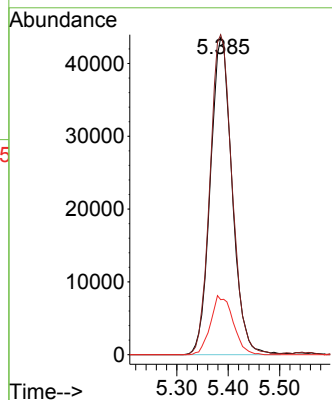
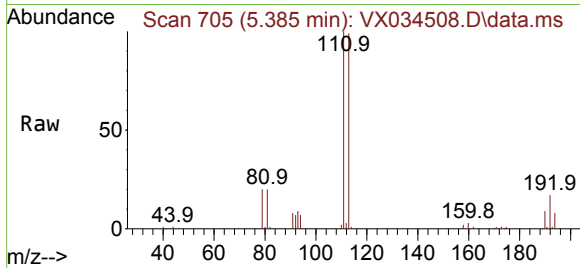




#35
Dibromofluoromethane
Concen: 48.291 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

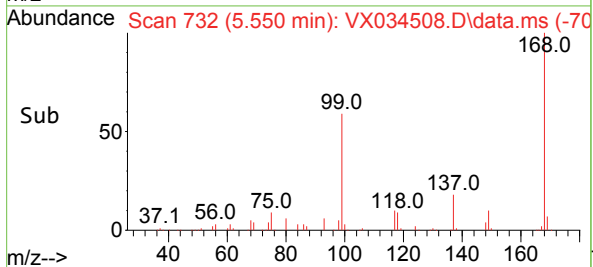
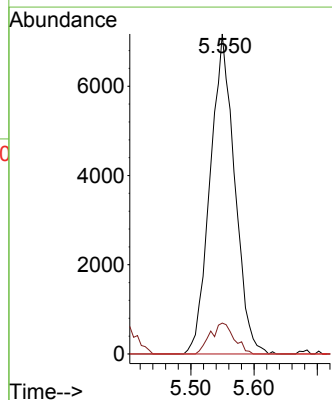
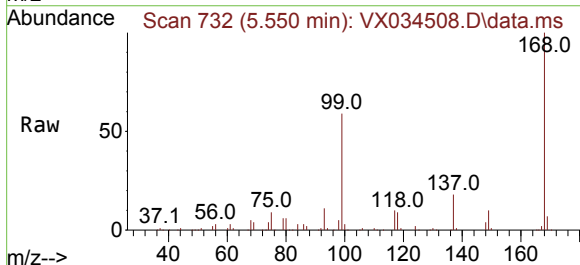
Instrument :
MSVOA_X
ClientSampleId :
TB-01-031423

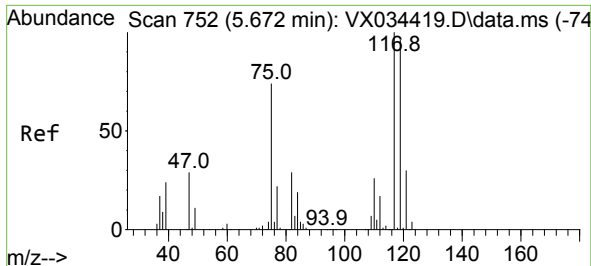
Tgt Ion:113 Resp: 127971
Ion Ratio Lower Upper
113 100
111 102.6 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.753 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

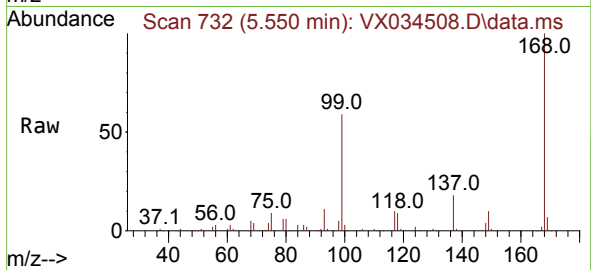
Tgt Ion: 75 Resp: 19346
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#



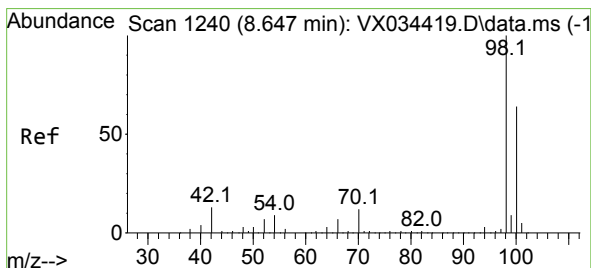
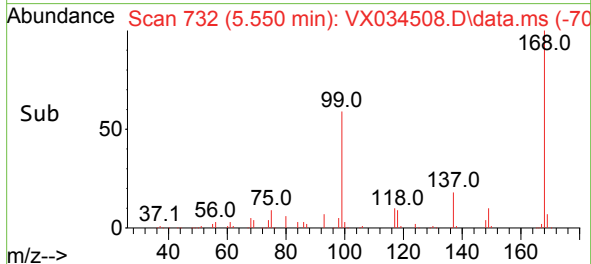
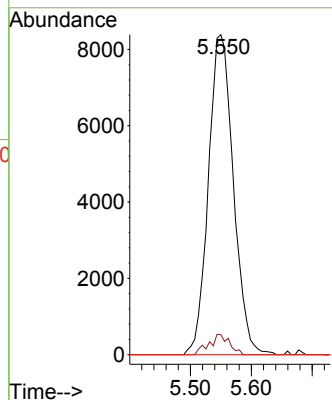


#38
Carbon Tetrachloride
Concen: 5.901 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

Instrument :
MSVOA_X
ClientSampleId :
TB-01-031423

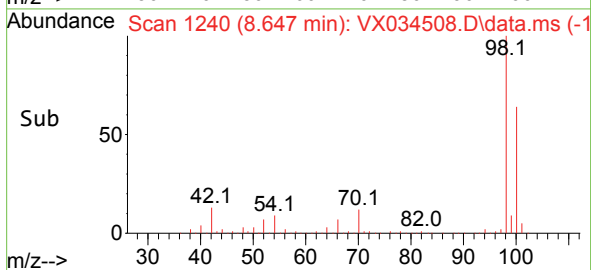
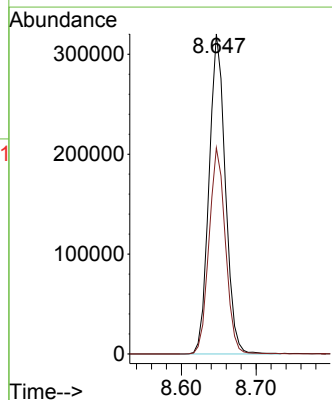
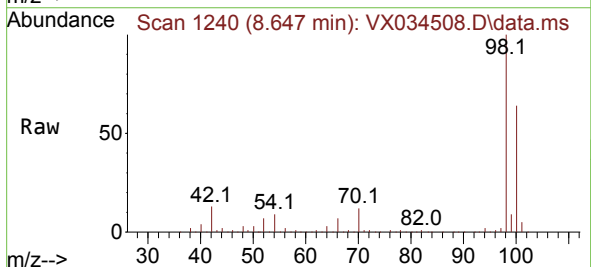


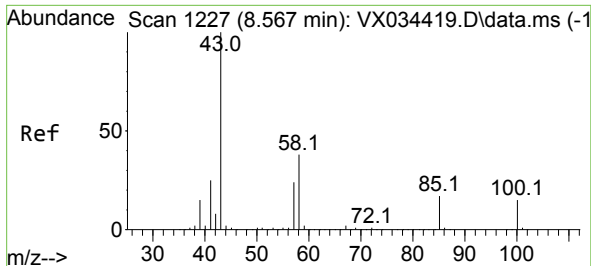
Tgt Ion:117 Resp: 23895
Ion Ratio Lower Upper
117 100
119 6.2 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.958 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

Tgt Ion: 98 Resp: 484322
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7

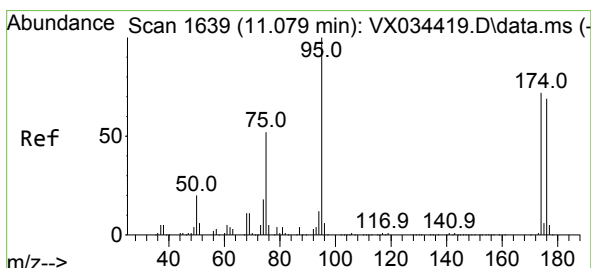
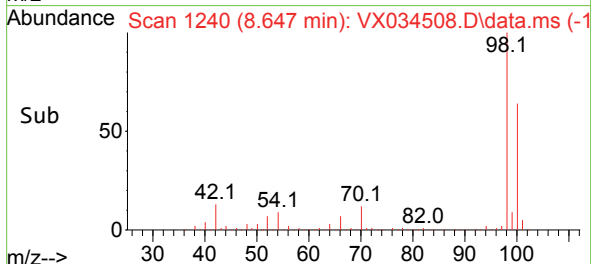
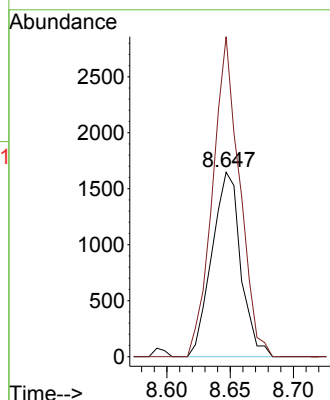
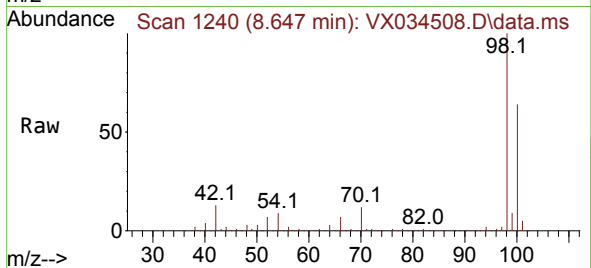




#51
 4-Methyl-2-Pentanone
 Concen: 0.598 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.079 min
 Lab File: VX034508.D
 Acq: 15 Mar 2023 15:11

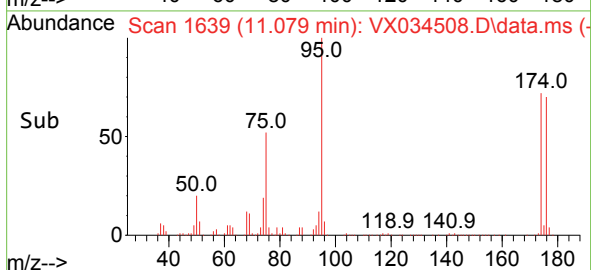
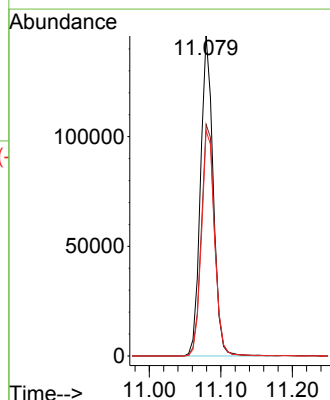
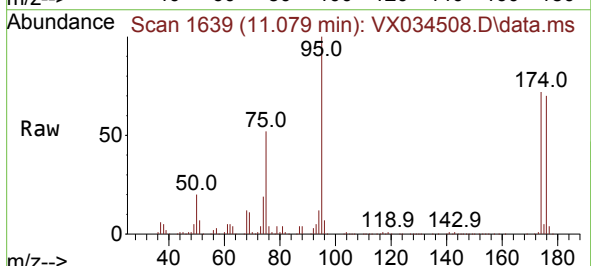
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-031423

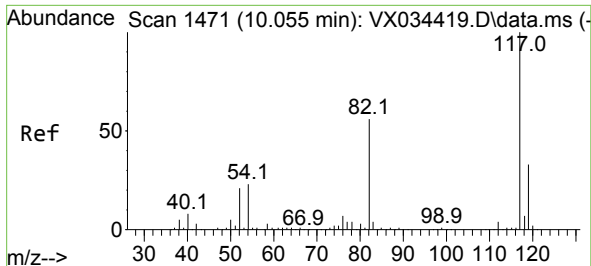
Tgt Ion: 43 Resp: 2615
 Ion Ratio Lower Upper
 43 100
 58 162.3 30.6 46.0#



#62
 4-Bromofluorobenzene
 Concen: 44.992 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX034508.D
 Acq: 15 Mar 2023 15:11

Tgt Ion: 95 Resp: 179781
 Ion Ratio Lower Upper
 95 100
 174 75.5 0.0 147.4
 176 73.0 0.0 140.6

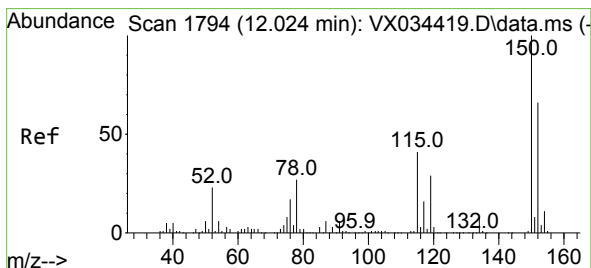
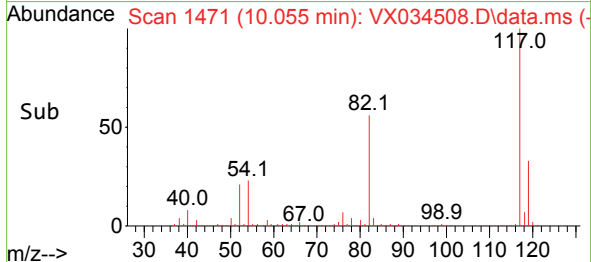
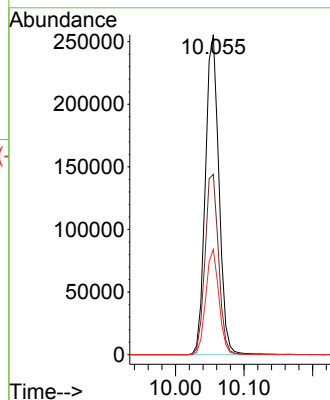
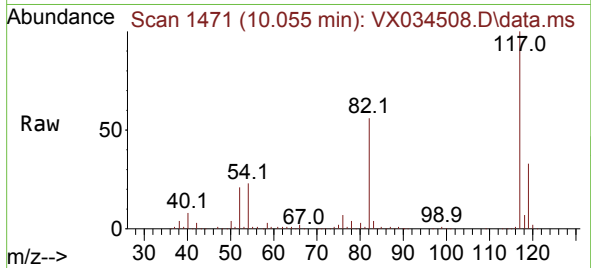




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

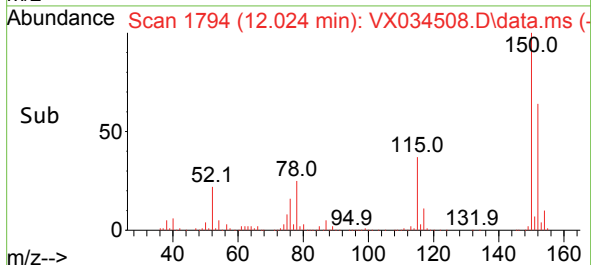
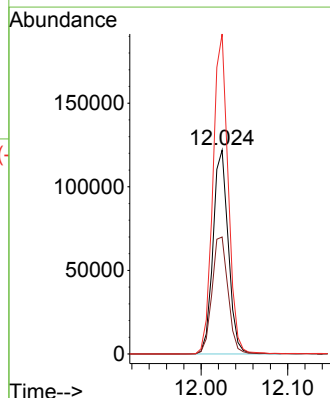
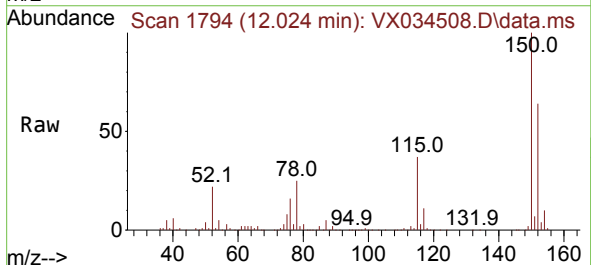
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MSVOA_X
ClientSampleId :
TB-01-031423

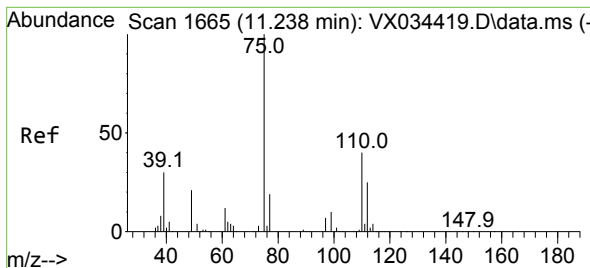
Tgt Ion:117 Resp: 352351
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034508.D
Acq: 15 Mar 2023 15:11

Tgt Ion:152 Resp: 149180
Ion Ratio Lower Upper
152 100
115 60.3 45.0 135.0
150 157.0 0.0 352.4





#76

1,2,3-Trichloropropane

Concen: 27.356 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX034508.D

Acq: 15 Mar 2023 15:11

Instrument :

MSVOA_X

ClientSampleId :

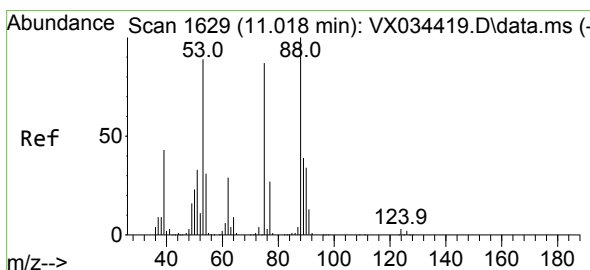
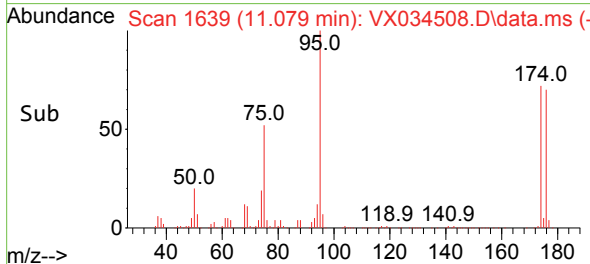
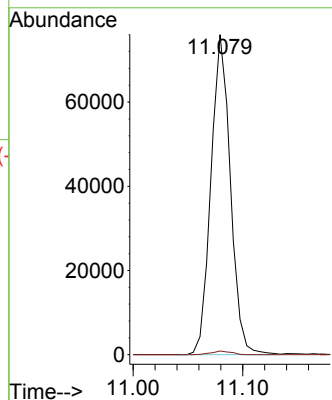
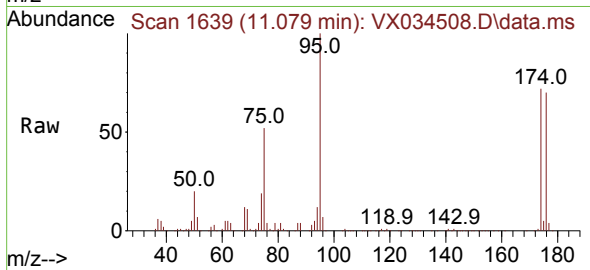
TB-01-031423

Tgt Ion: 75 Resp: 93703

Ion Ratio Lower Upper

75 100

77 1.2 21.6 64.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.006 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034508.D

Acq: 15 Mar 2023 15:11

Tgt Ion: 75 Resp: 93703

Ion Ratio Lower Upper

75 100

53 0.0 82.6 124.0#

89 0.0 36.9 55.3#

