

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122823\
 Data File : VX039508.D
 Acq On : 28 Dec 2023 12:06
 Operator : JC/MD
 Sample : 06024-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A2421-FRAC-TANK

Quant Time: Dec 28 22:47:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60824	47.803	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.600%
35) Dibromofluoromethane	5.391	113	48912	48.461	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.920%
50) Toluene-d8	8.647	98	184520	49.243	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	79373	51.339	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.680%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	251	0.232	ug/l #	43
5) Bromomethane	1.593	94	360	0.622	ug/l #	70
6) Chloroethane	1.672	64	193	0.318	ug/l #	43
11) Tert butyl alcohol	2.947	59	439	1.374	ug/l #	78
13) Acrolein	2.239	56	245	0.961	ug/l	96
16) Acetone	2.386	43	27315	14.974	ug/l #	87
17) Carbon Disulfide	2.495	76	1093	0.418	ug/l #	79
18) Methyl Acetate	2.715	43	733	0.266	ug/l #	69
20) Methylene Chloride	2.776	84	362	0.341	ug/l #	74
25) 2-Butanone	4.574	43	10903	9.930	ug/l	100
29) Tetrahydrofuran	5.050	42	444	0.732	ug/l #	61
31) Cyclohexane	5.470	56	806	0.490	ug/l #	62
36) 1,1-Dichloropropene	5.550	75	6930	4.351	ug/l #	50
37) Ethyl Acetate	4.574	43	10903	5.541	ug/l #	69
38) Carbon Tetrachloride	5.550	117	7803	5.134	ug/l #	15
39) Methylcyclohexane	7.373	83	3997	2.089	ug/l	95
40) Benzene	6.044	78	1884	0.418	ug/l	95
48) Methyl methacrylate	7.659	41	768	0.411	ug/l #	32
51) 4-Methyl-2-Pentanone	8.580	43	1947	0.955	ug/l #	81
52) Toluene	8.720	92	46115	16.958	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	560	0.313	ug/l #	1
56) Ethyl methacrylate	9.104	69	823	0.594	ug/l #	1
59) 2-Hexanone	9.445	43	1995	1.134	ug/l	95
67) Ethyl Benzene	10.195	91	53857	8.902	ug/l	98
68) m/p-Xylenes	10.299	106	129508	59.704	ug/l	95
69) o-Xylene	10.640	106	119809	57.125	ug/l	95
70) Styrene	10.640	104	6135	2.001	ug/l #	1
73) Isopropylbenzene	10.963	105	26089	4.846	ug/l	100
74) N-amyl acetate	10.854	43	3457	1.269	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.219	83	2552	1.274	ug/l #	26
76) 1,2,3-Trichloropropane	11.378	75	4623	2.561	ug/l #	1
78) n-propylbenzene	11.305	91	55554	8.374	ug/l	97
79) 2-Chlorotoluene	11.378	91	62831	15.658	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	161213	35.148	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.079	75	43610	68.141	ug/l #	6
82) 4-Chlorotoluene	11.451	91	19594	4.157	ug/l #	47

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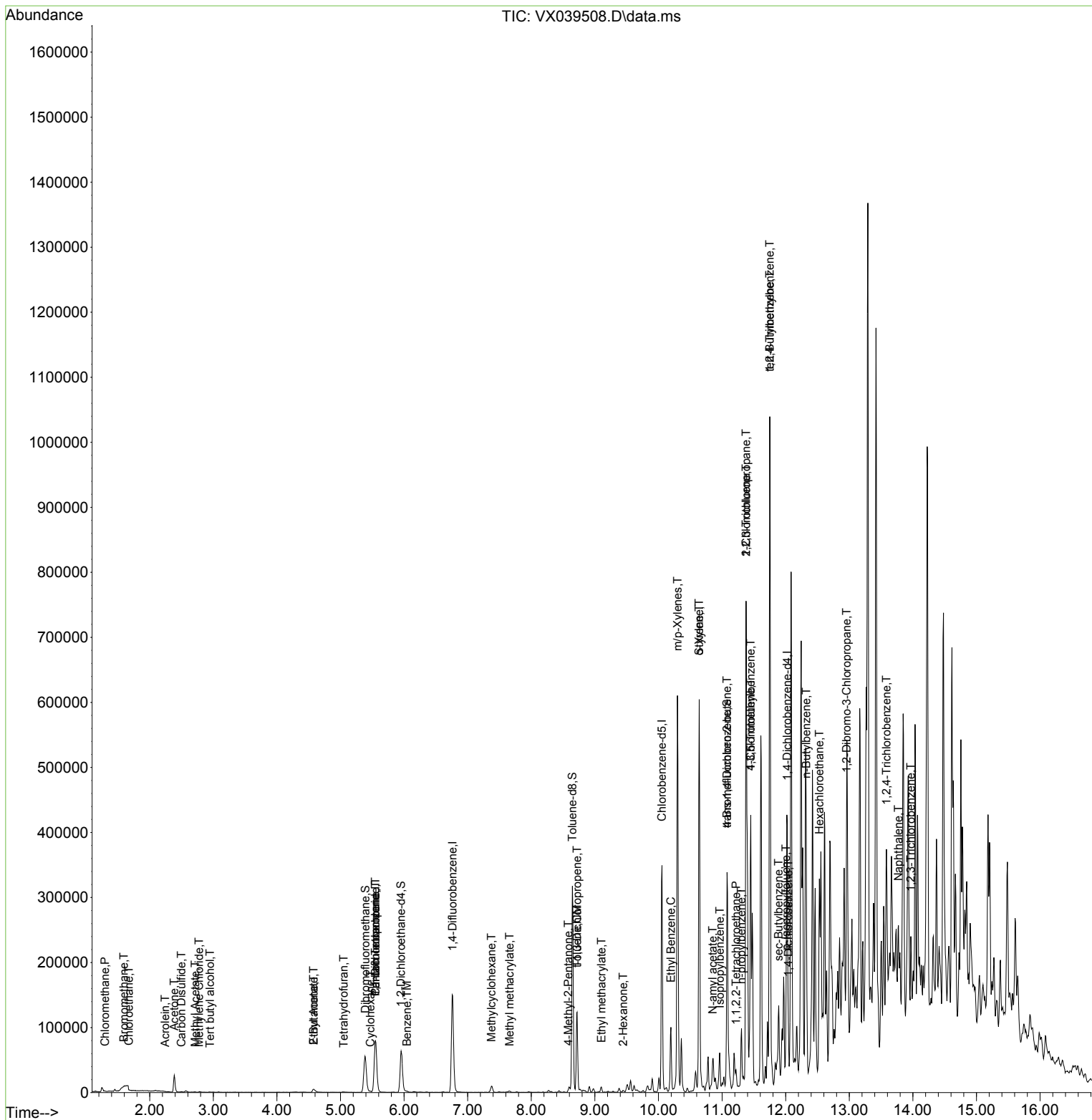
Quant Time: Dec 28 22:47:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
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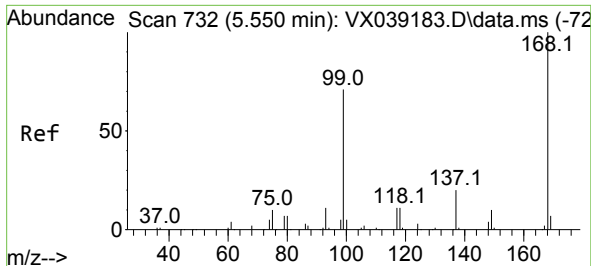
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	11.750	119	47606	10.906	ug/l #	50
84) 1,2,4-Trimethylbenzene	11.750	105	417590	88.780	ug/l	100
85) sec-Butylbenzene	11.890	105	34911	6.285	ug/l	93
86) p-Isopropyltoluene	12.006	119	26735	5.735	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	537	0.220	ug/l #	24
89) n-Butylbenzene	12.323	91	69288	15.120	ug/l #	35
90) Hexachloroethane	12.530	117	11244	13.353	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	12.957	75	1531	2.902	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.585	180	854	0.583	ug/l #	1
95) Naphthalene	13.774	128	64051	12.550	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.969	180	1132	0.800	ug/l #	1

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

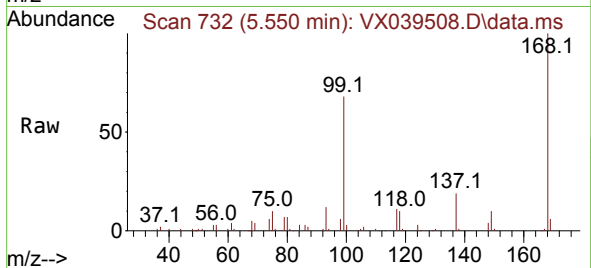
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



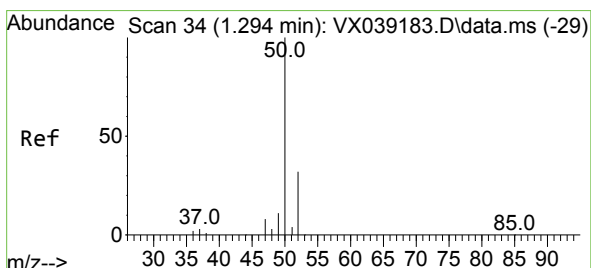
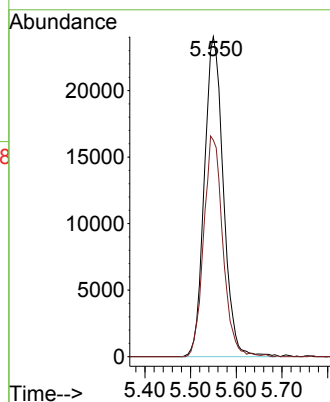
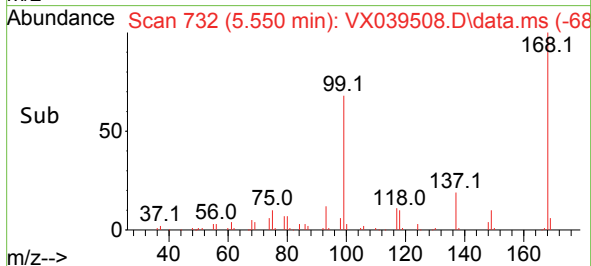


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039508.D
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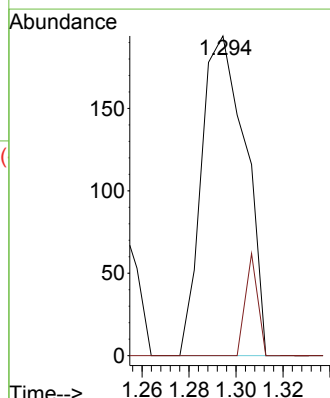
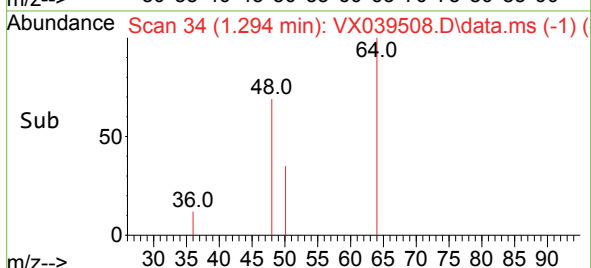
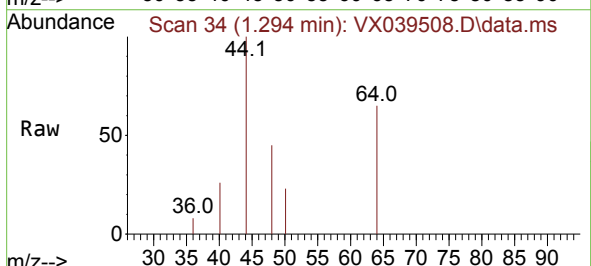


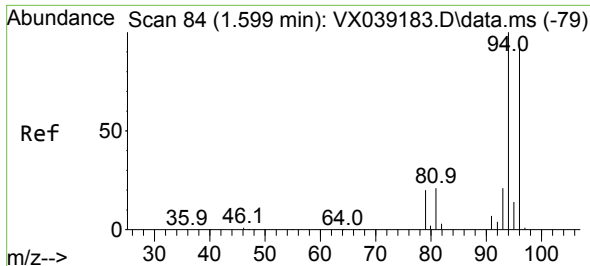
Tgt Ion:168 Resp: 69456
Ion Ratio Lower Upper
168 100
99 67.6 56.6 85.0



#3
Chloromethane
Concen: 0.232 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 50 Resp: 251
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

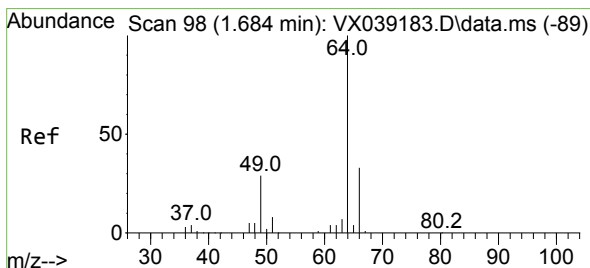
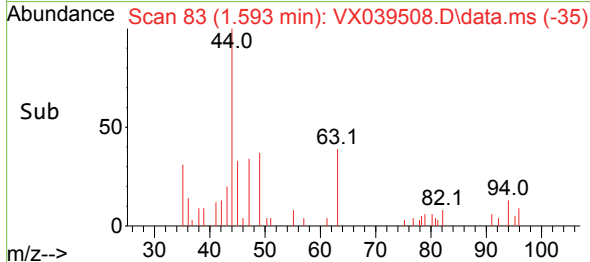
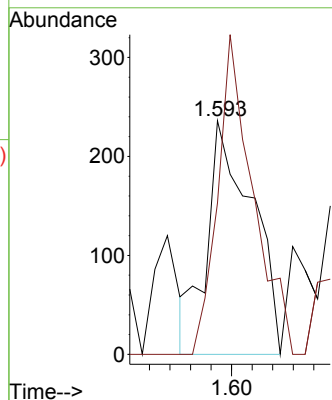
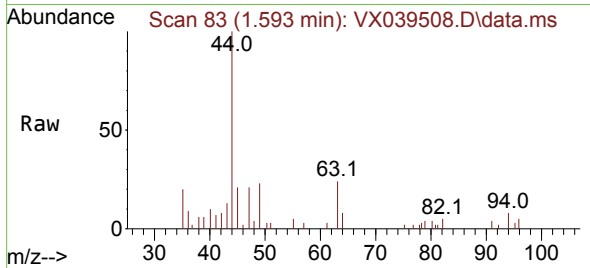




#5
Bromomethane
Concen: 0.622 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

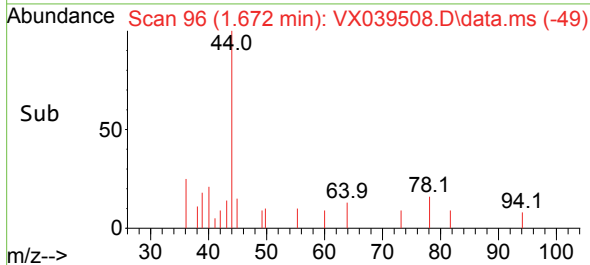
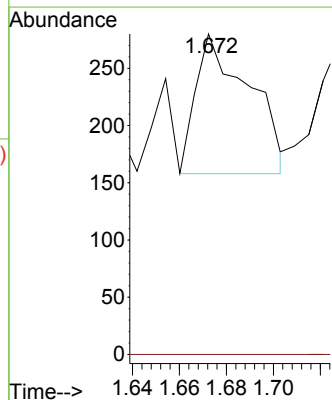
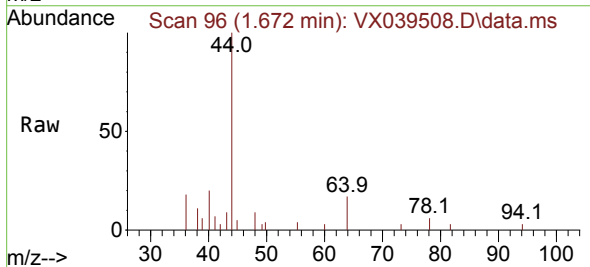
Instrument :
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ClientSampleId :
A2421-FRAC-TANK

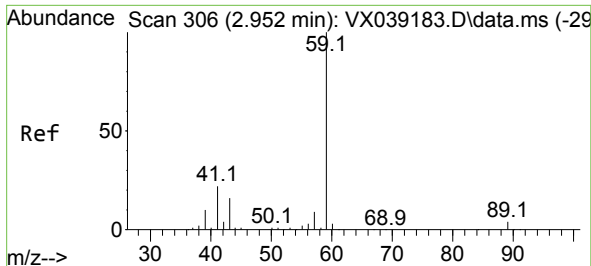
Tgt Ion: 94 Resp: 360
Ion Ratio Lower Upper
94 100
96 64.8 74.6 111.8#



#6
Chloroethane
Concen: 0.318 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.012 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#

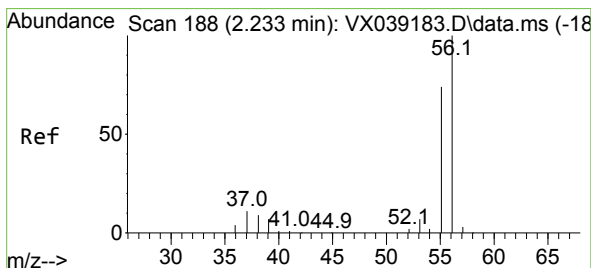
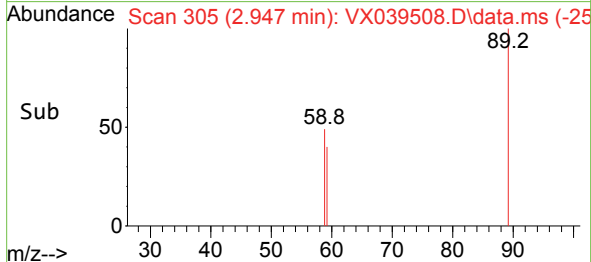
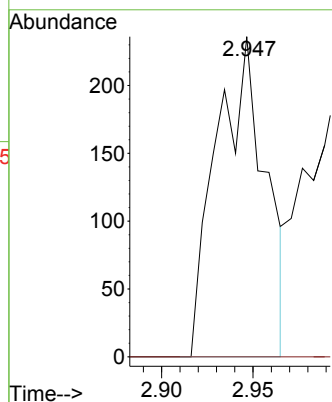
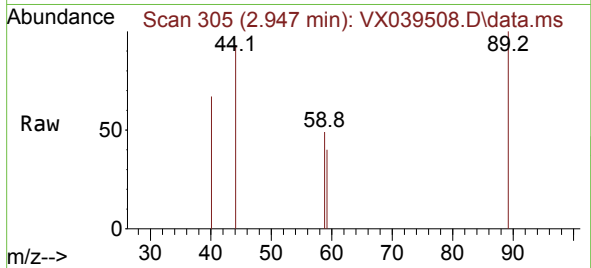




#11
Tert butyl alcohol
Concen: 1.374 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

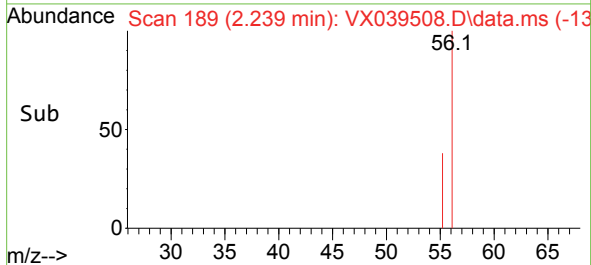
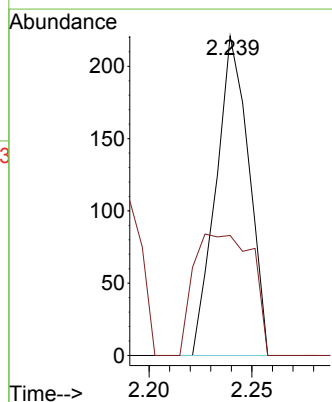
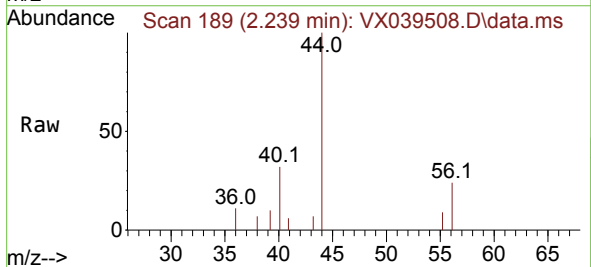
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

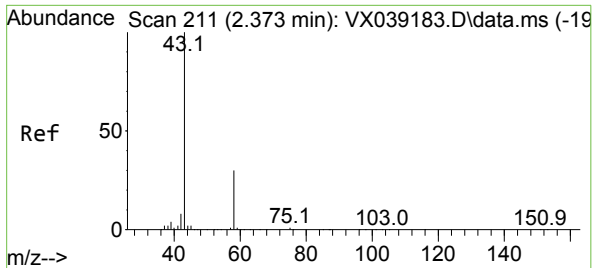
Tgt Ion: 59 Resp: 439
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.961 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 56 Resp: 245
Ion Ratio Lower Upper
56 100
55 68.2 57.1 85.7

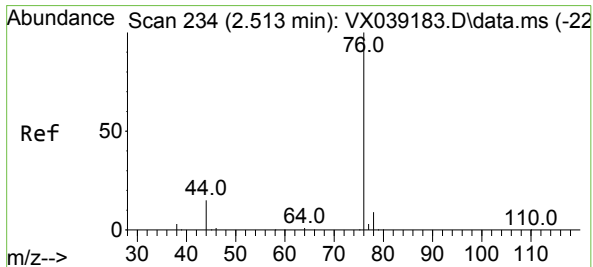
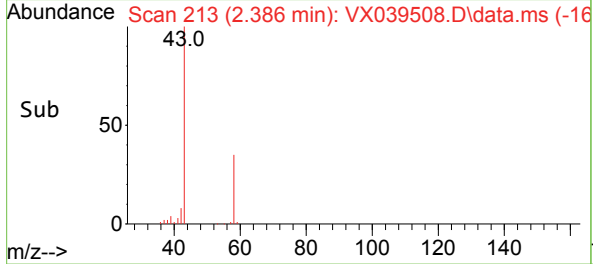
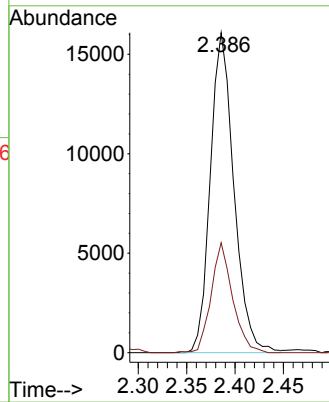
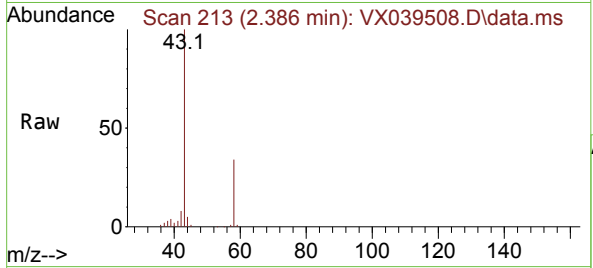




#16
Acetone
Concen: 14.974 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

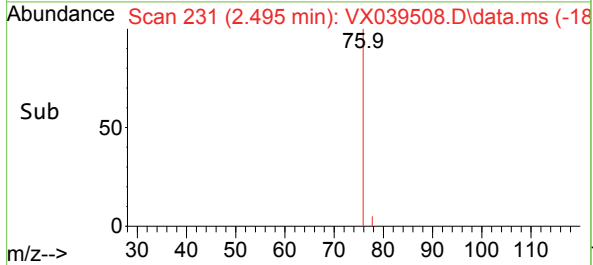
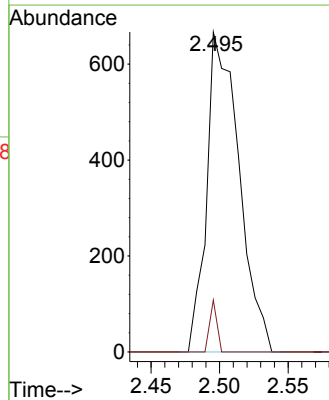
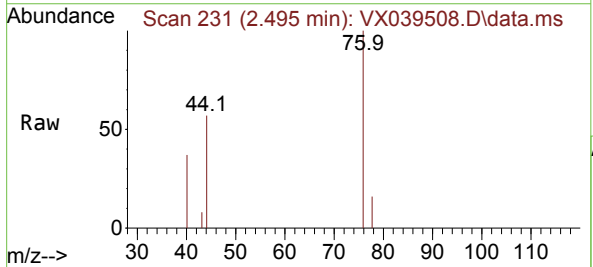
Instrument :
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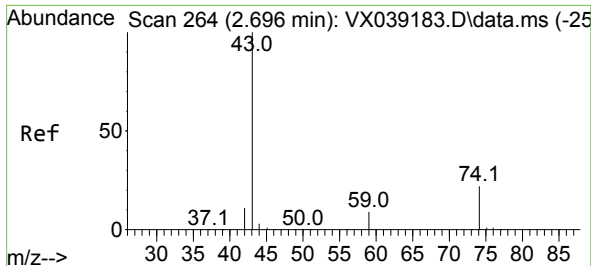
Tgt Ion: 43 Resp: 27315
Ion Ratio Lower Upper
43 100
58 34.4 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.418 ug/l
RT: 2.495 min Scan# 231
Delta R.T. -0.018 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 76 Resp: 1093
Ion Ratio Lower Upper
76 100
78 16.2 7.0 10.6#

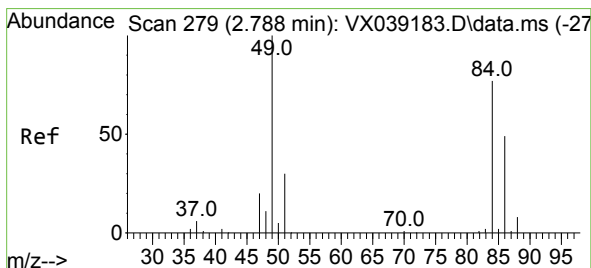
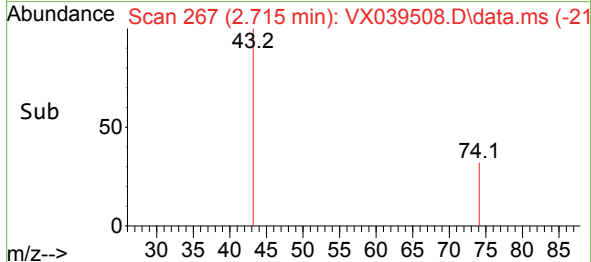
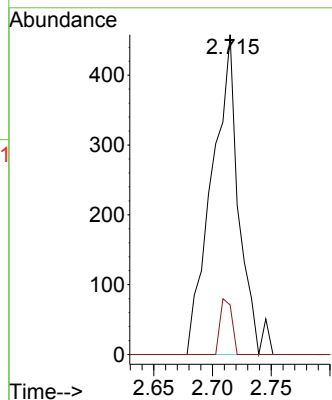
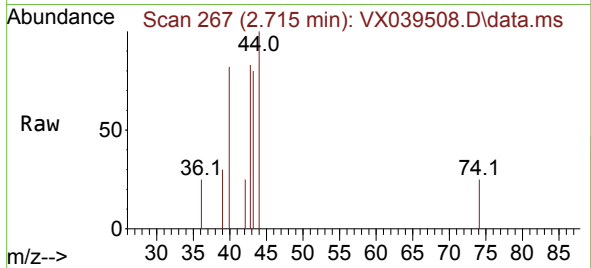




#18
Methyl Acetate
Concen: 0.266 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.019 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

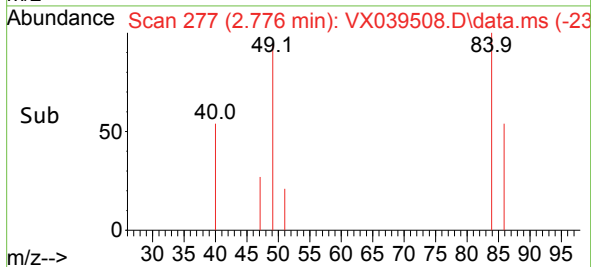
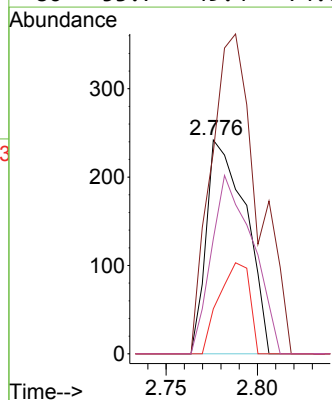
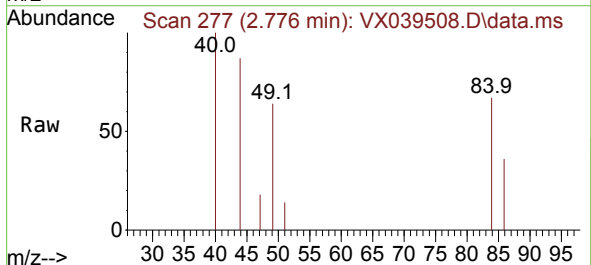
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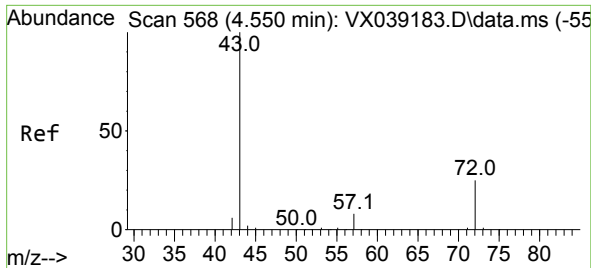
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
74 7.5 17.8 26.8#



#20
Methylene Chloride
Concen: 0.341 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 84 Resp: 362
Ion Ratio Lower Upper
84 100
49 94.2 103.6 155.4#
51 21.1 33.8 50.6#
86 53.7 49.4 74.0

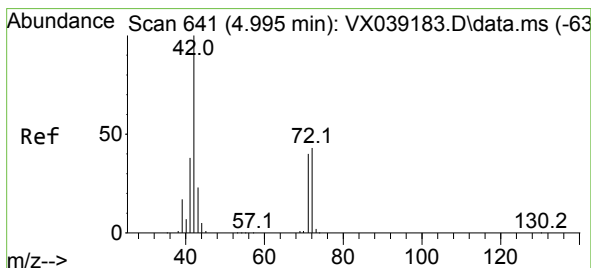
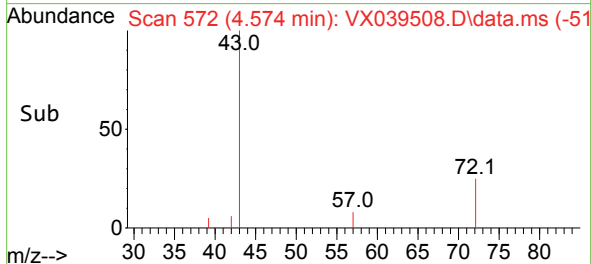
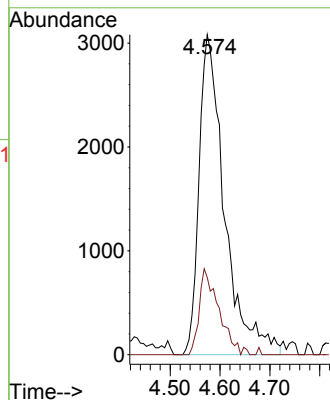
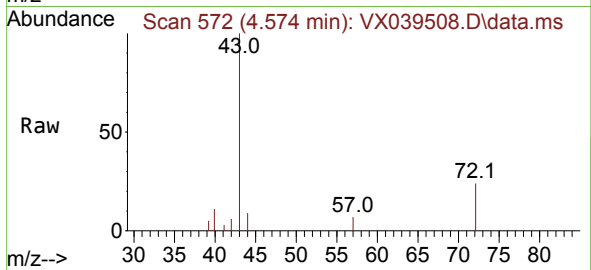




#25
2-Butanone
Concen: 9.930 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

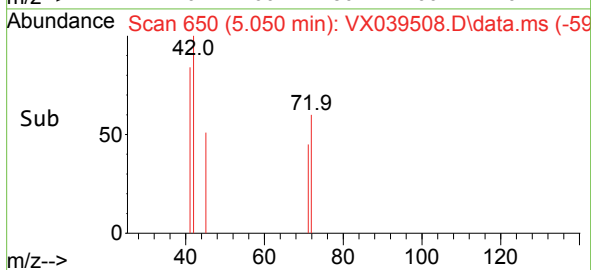
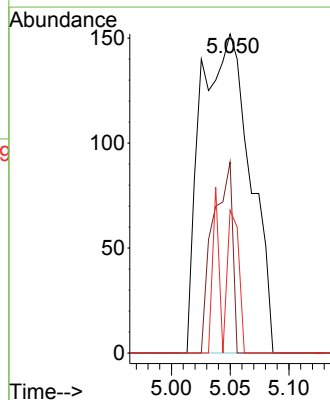
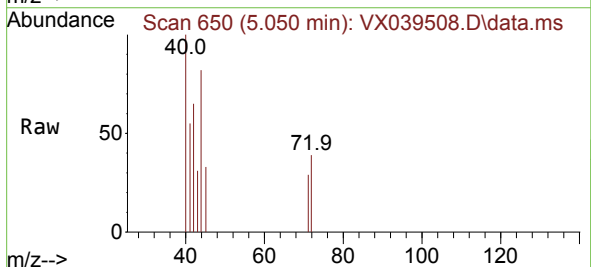
Instrument :
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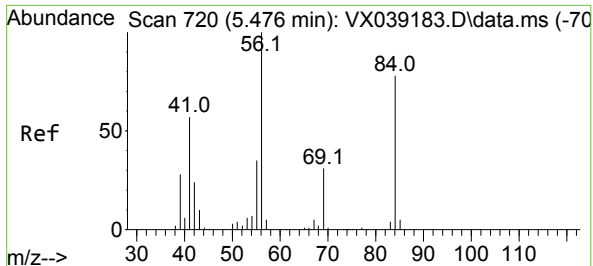
Tgt Ion: 43 Resp: 10903
Ion Ratio Lower Upper
43 100
72 24.2 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.732 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.055 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

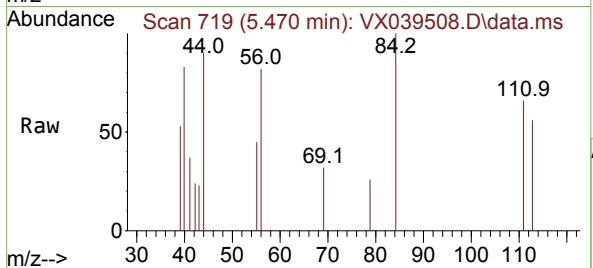
Tgt Ion: 42 Resp: 444
Ion Ratio Lower Upper
42 100
72 23.6 34.2 51.4#
71 10.6 32.2 48.2#





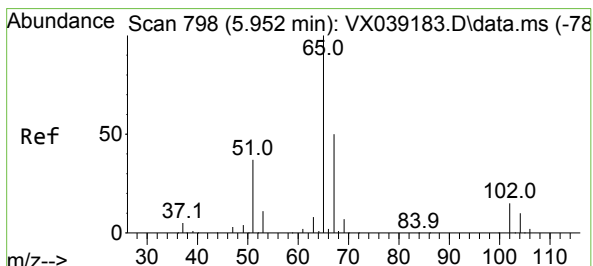
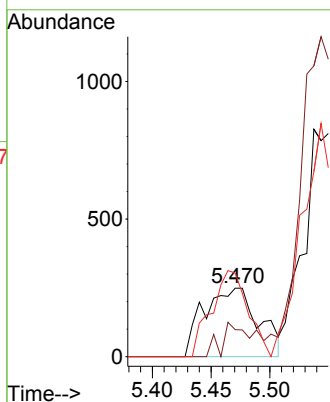
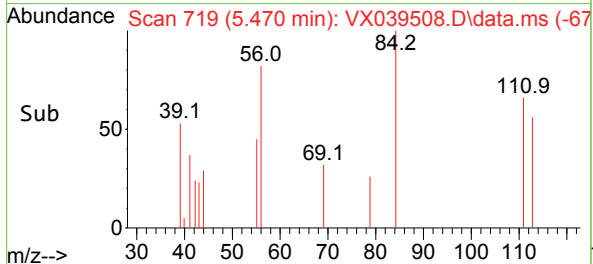
#31
Cyclohexane
Concen: 0.490 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK



Tgt Ion: 56 Resp: 806

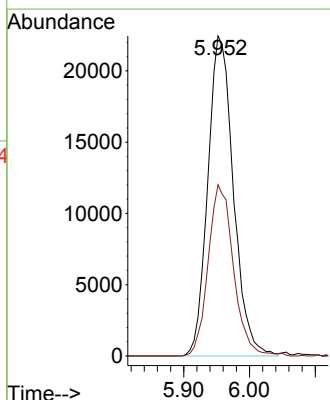
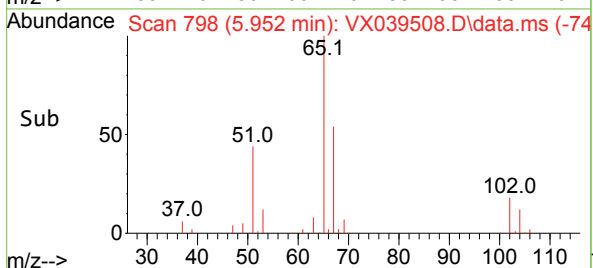
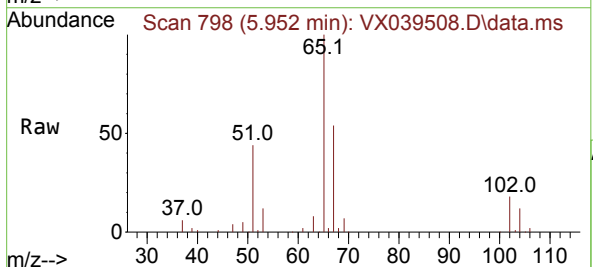
Ion	Ratio	Lower	Upper
56	100		
69	39.4	23.4	35.2#
84	122.1	65.9	98.9#

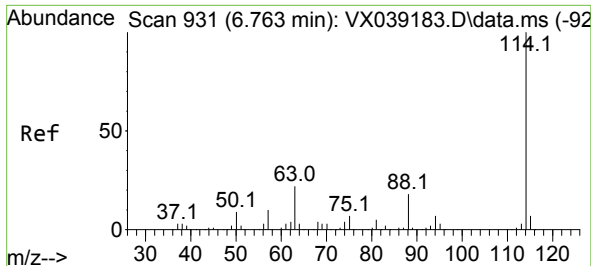


#33
1,2-Dichloroethane-d4
Concen: 47.803 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 65 Resp: 60824

Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	100.2

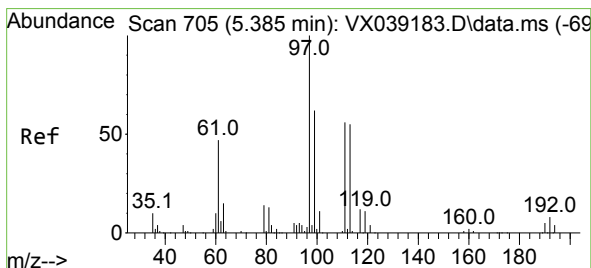
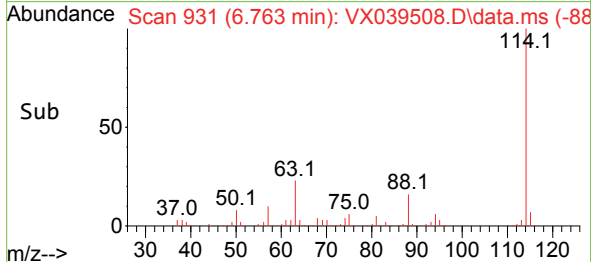
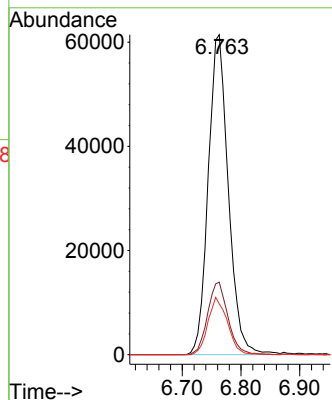
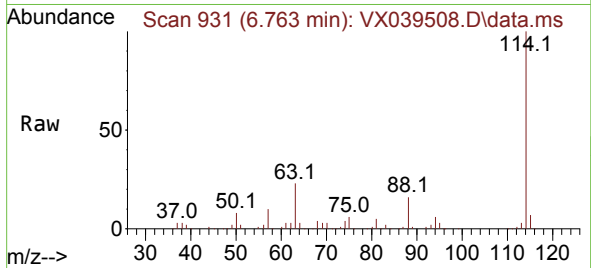




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

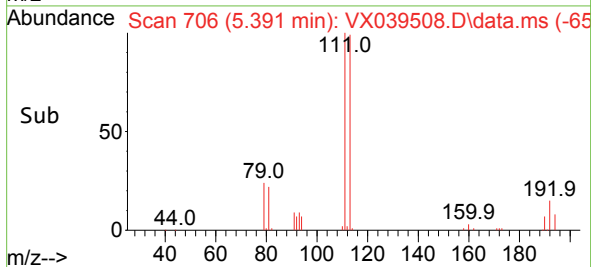
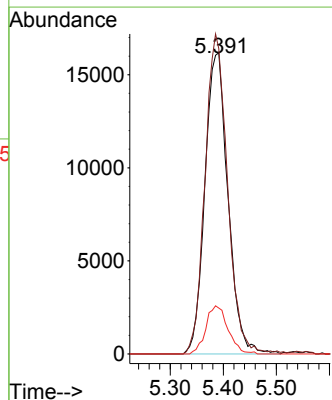
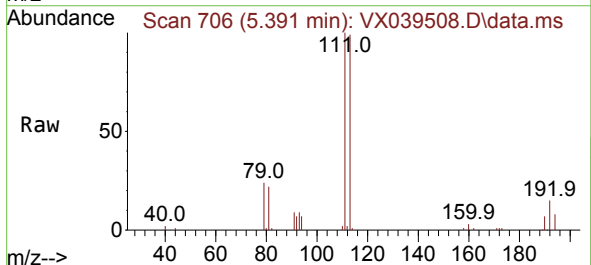
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

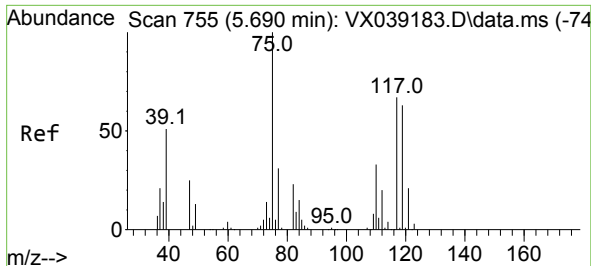
Tgt Ion:114 Resp: 146098
Ion Ratio Lower Upper
114 100
63 22.6 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.461 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

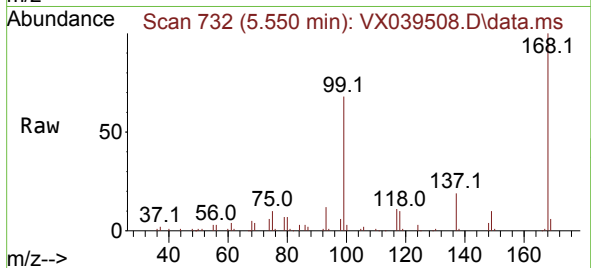
Tgt Ion:113 Resp: 48912
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 15.3 13.3 19.9



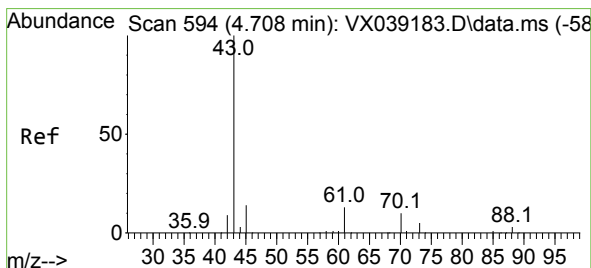
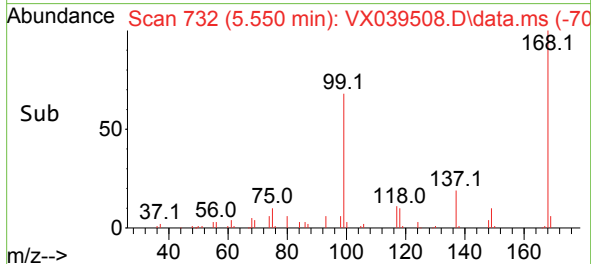
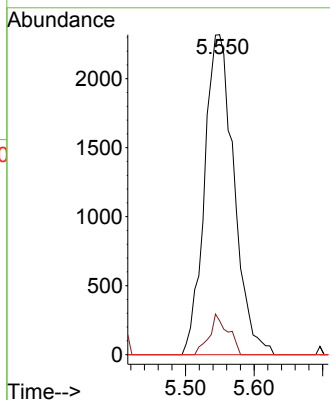


#36
1,1-Dichloropropene
Concen: 4.351 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

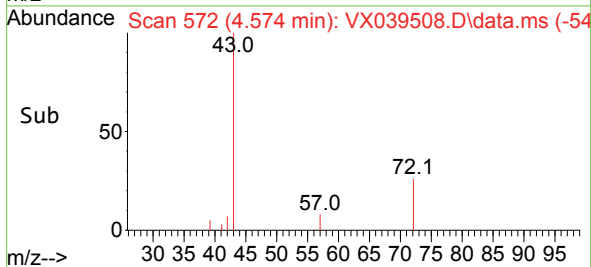
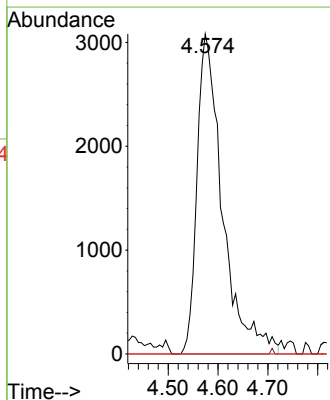
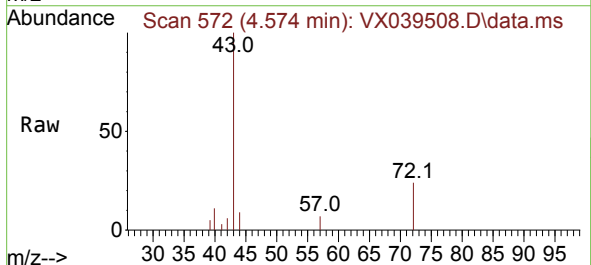


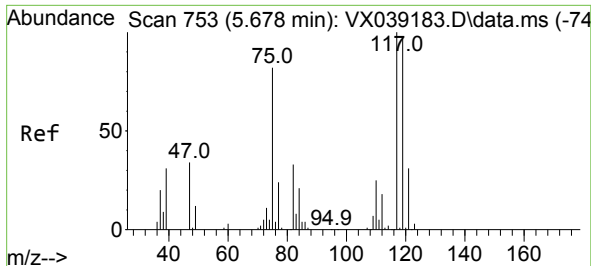
Tgt Ion: 75 Resp: 6930
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 5.541 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.134 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

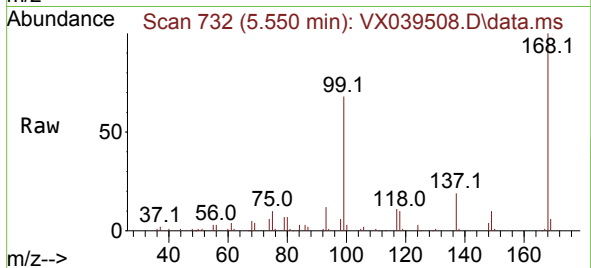
Tgt Ion: 43 Resp: 10903
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#



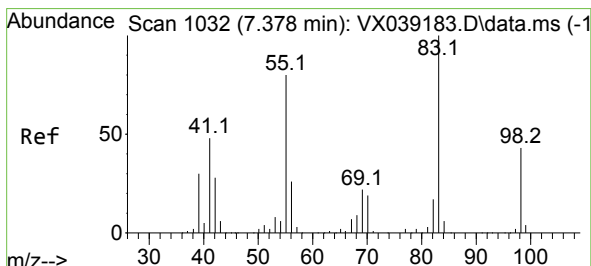
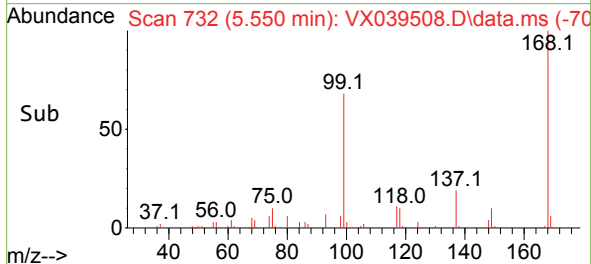
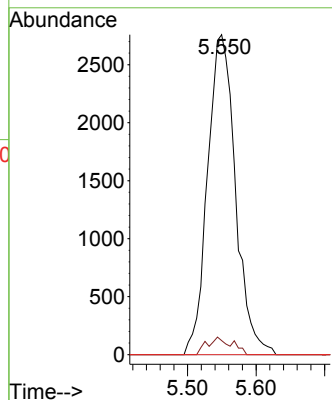


#38
Carbon Tetrachloride
Concen: 5.134 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

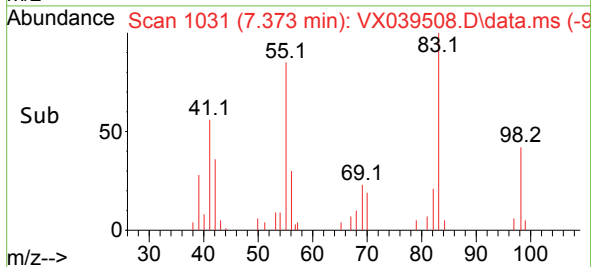
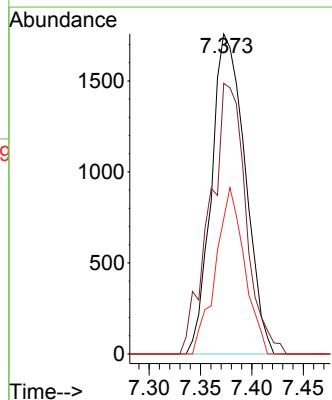
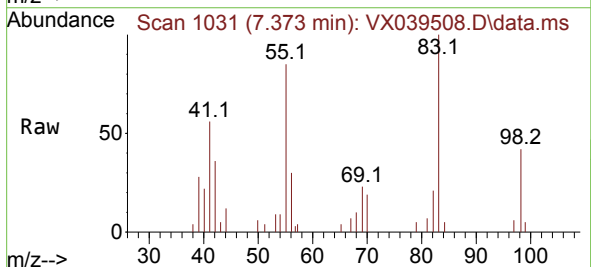


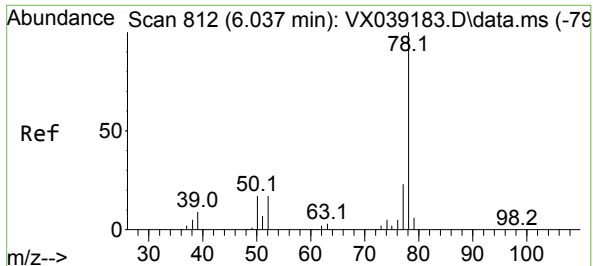
Tgt Ion:117 Resp: 7803
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 2.089 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 83 Resp: 3997
Ion Ratio Lower Upper
83 100
55 84.5 64.6 97.0
98 42.2 36.7 55.1





#40

Benzene

Concen: 0.418 ug/l

RT: 6.044 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

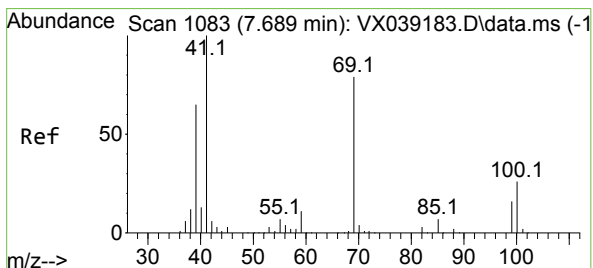
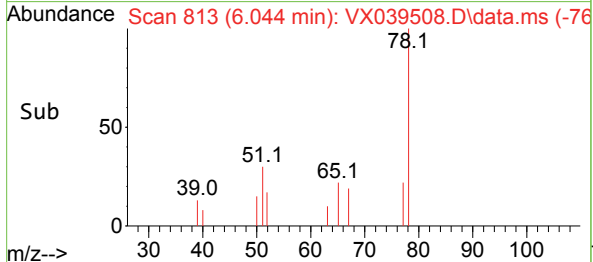
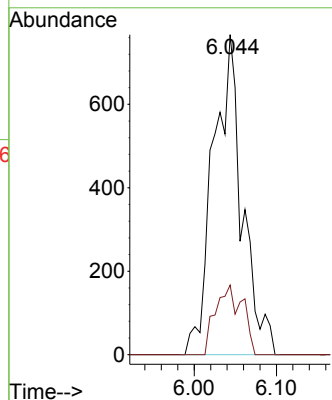
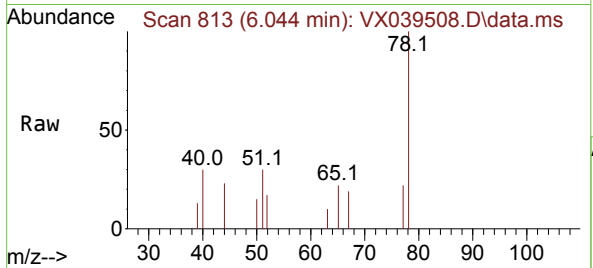
A2421-FRAC-TANK

Tgt Ion: 78 Resp: 1884

Ion Ratio Lower Upper

78 100

77 21.8 19.3 28.9



#48

Methyl methacrylate

Concen: 0.411 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.030 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

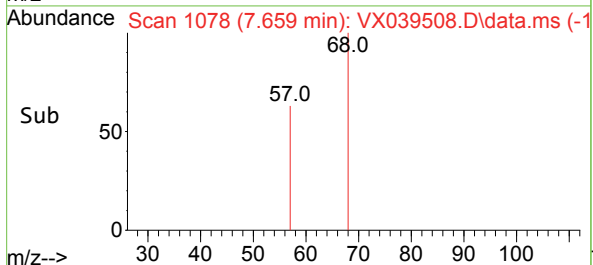
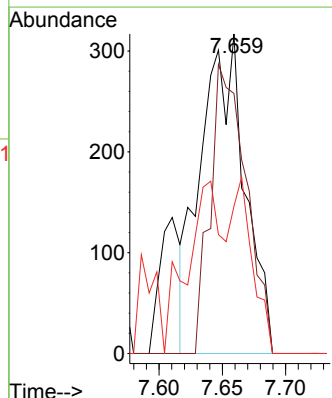
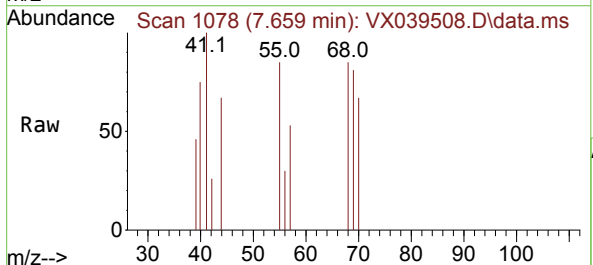
Tgt Ion: 41 Resp: 768

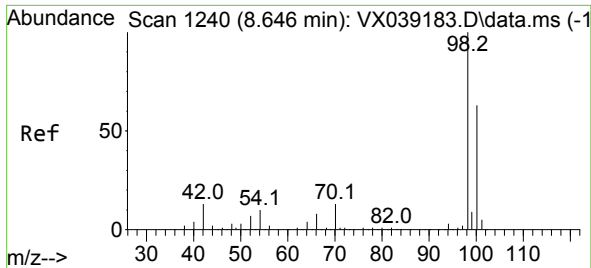
Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 25.8 47.7 71.5#

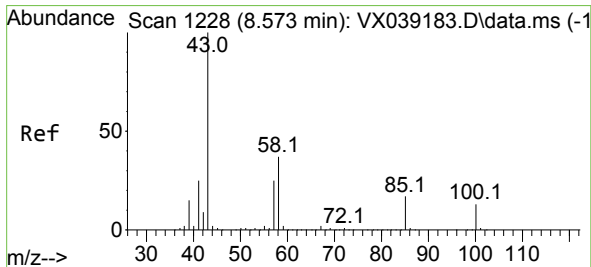
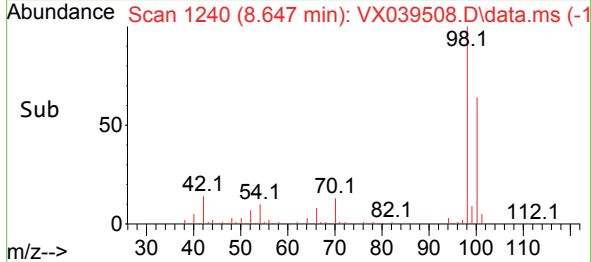
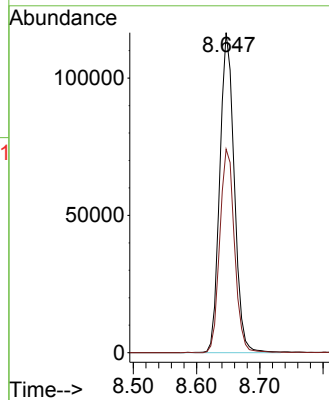
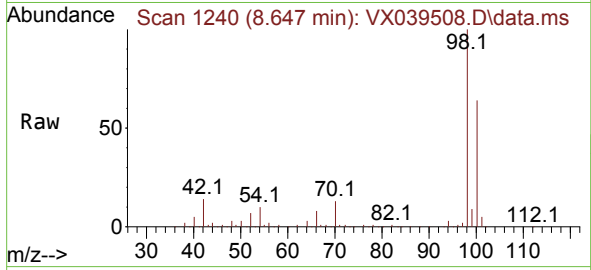




#50
Toluene-d8
Concen: 49.243 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

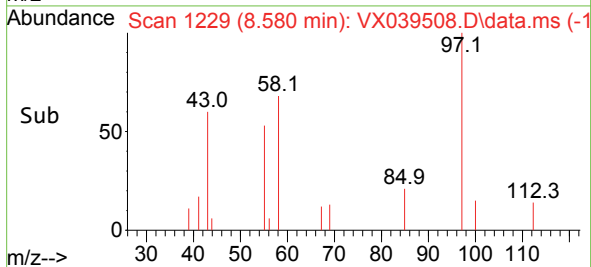
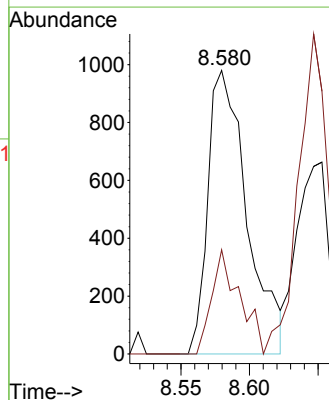
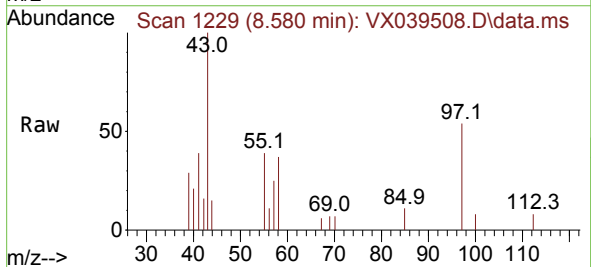
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

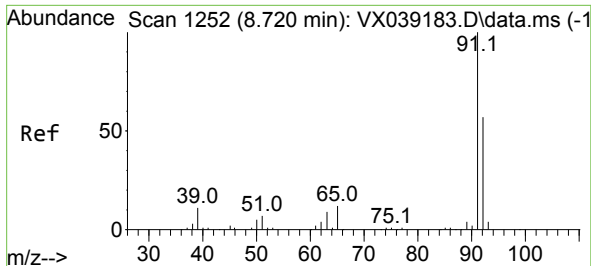
Tgt Ion: 98 Resp: 184520
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.955 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 26.2 30.4 45.6#





#52

Toluene

Concen: 16.958 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

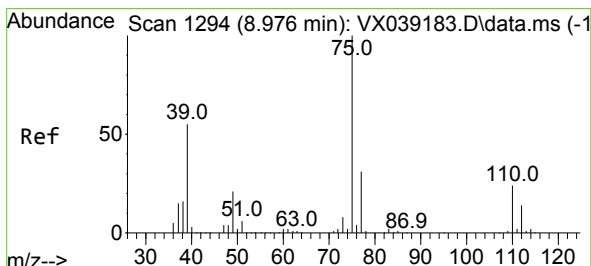
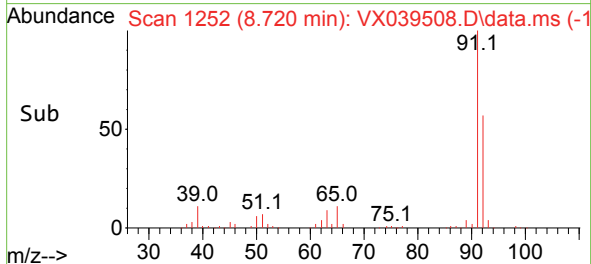
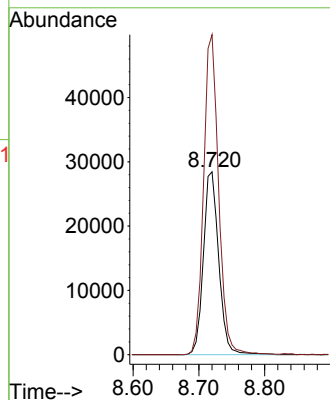
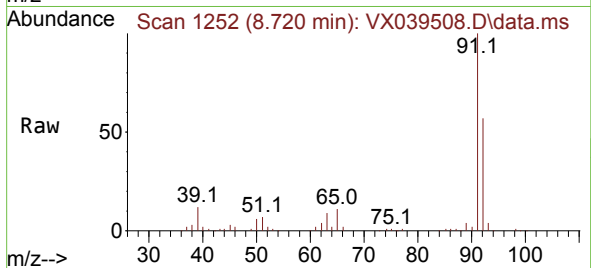
A2421-FRAC-TANK

Tgt Ion: 92 Resp: 46115

Ion Ratio Lower Upper

92 100

91 171.3 134.2 201.2



#53

t-1,3-Dichloropropene

Concen: 0.313 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.256 min

Lab File: VX039508.D

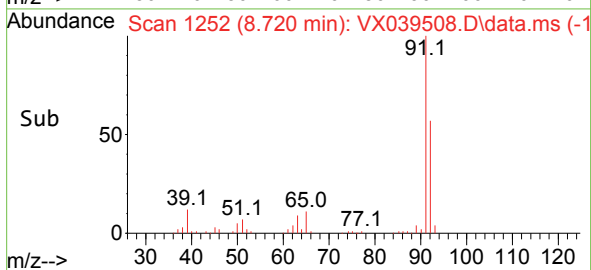
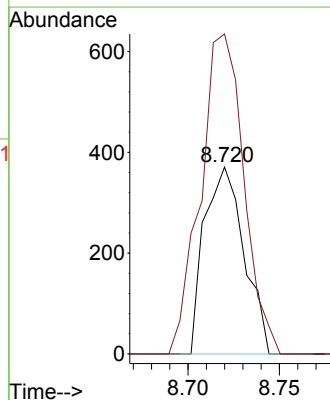
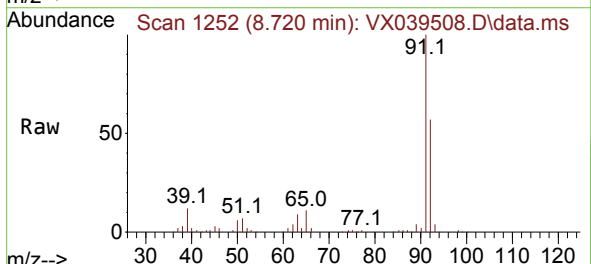
Acq: 28 Dec 2023 12:06

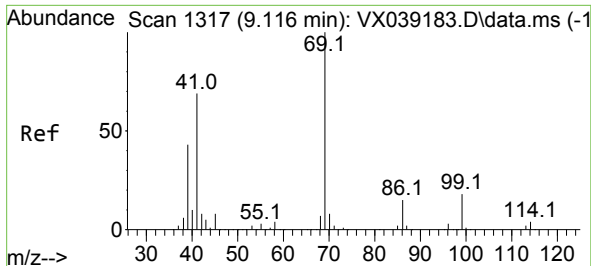
Tgt Ion: 75 Resp: 560

Ion Ratio Lower Upper

75 100

77 171.2 25.7 38.5#





#56

Ethyl methacrylate

Concen: 0.594 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

A2421-FRAC-TANK

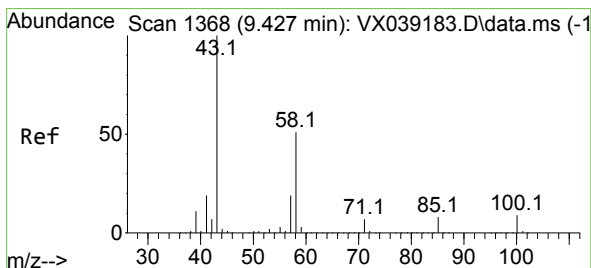
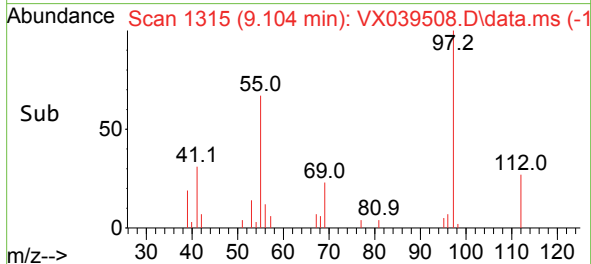
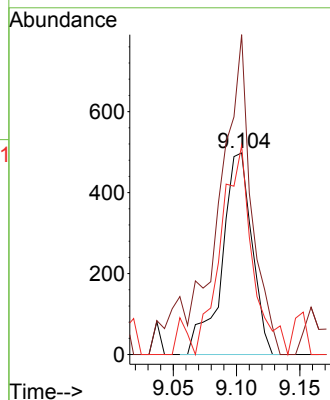
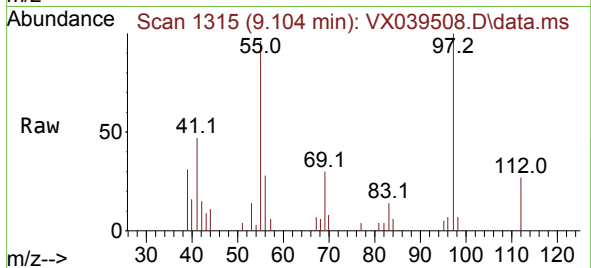
Tgt Ion: 69 Resp: 823

Ion Ratio Lower Upper

69 100

41 184.1 56.8 85.2#

39 108.7 32.0 48.0#



#59

2-Hexanone

Concen: 1.134 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.019 min

Lab File: VX039508.D

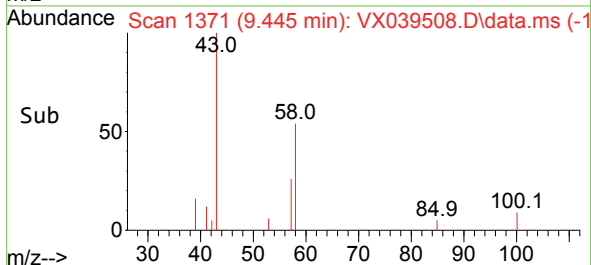
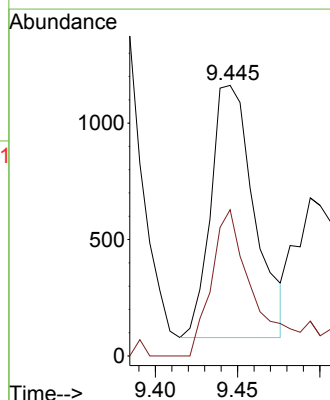
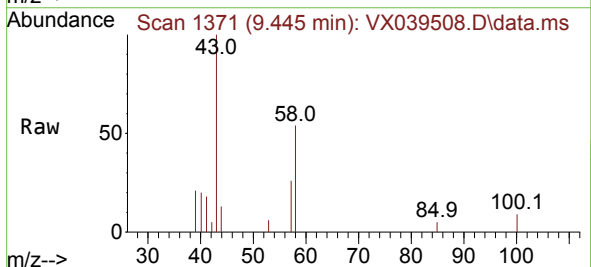
Acq: 28 Dec 2023 12:06

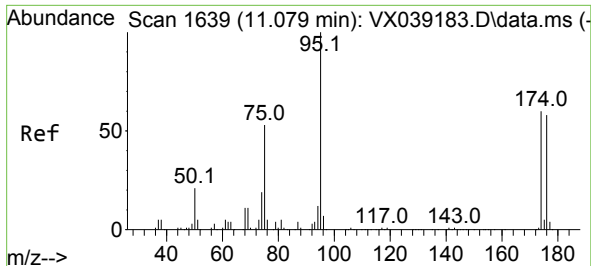
Tgt Ion: 43 Resp: 1995

Ion Ratio Lower Upper

43 100

58 55.8 26.2 78.5

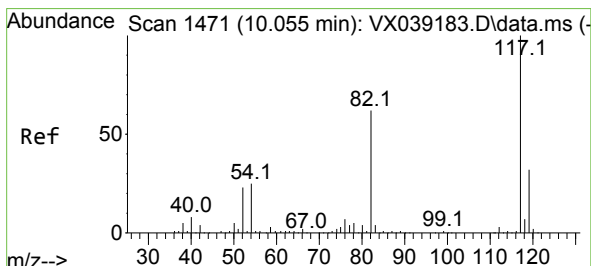
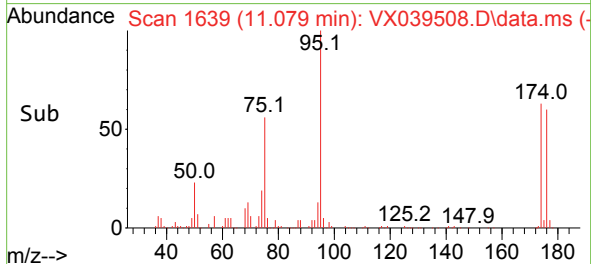
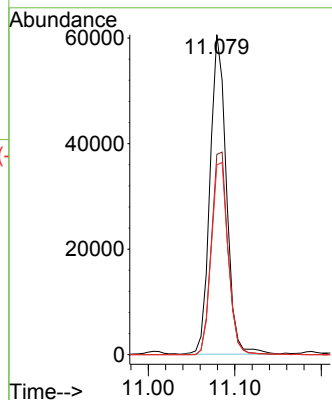
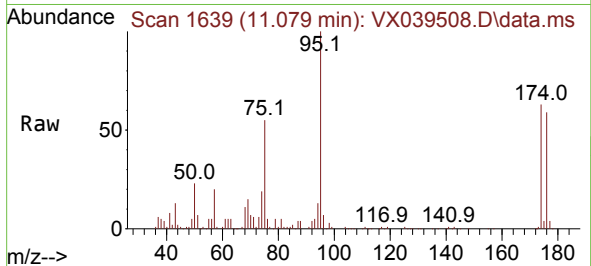




#62
4-Bromofluorobenzene
Concen: 51.339 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

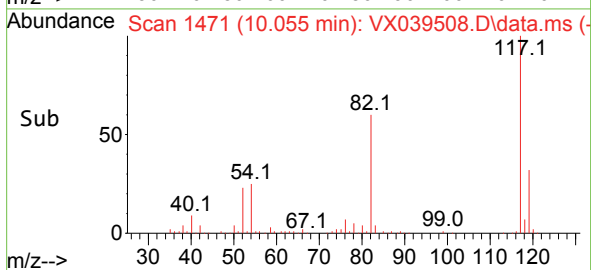
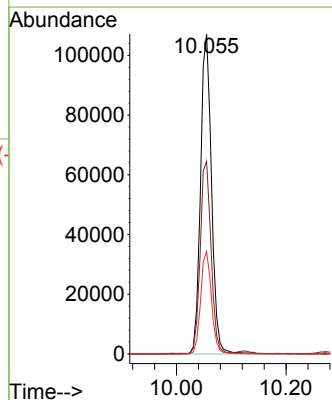
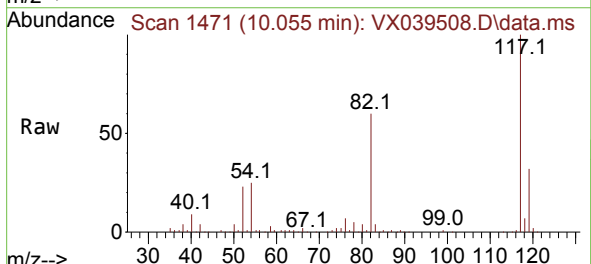
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

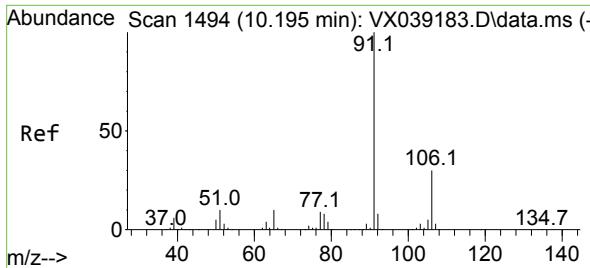
Tgt Ion: 95 Resp: 79373
Ion Ratio Lower Upper
95 100
174 64.8 0.0 135.6
176 62.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 117 Resp: 148905
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 32.1 25.5 38.3

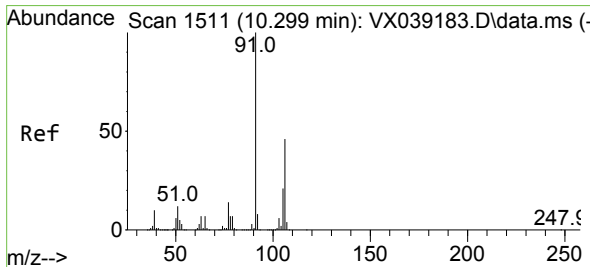
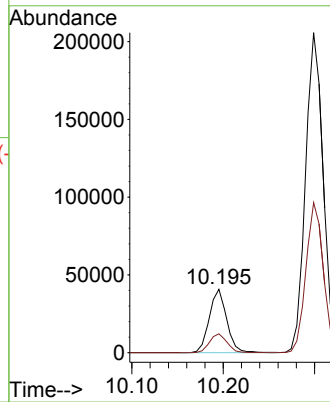
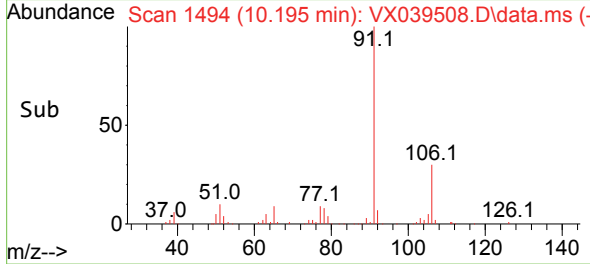
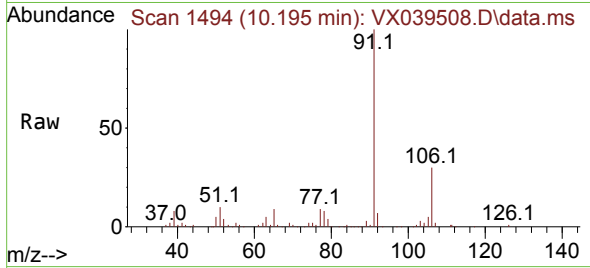




#67
Ethyl Benzene
Concen: 8.902 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

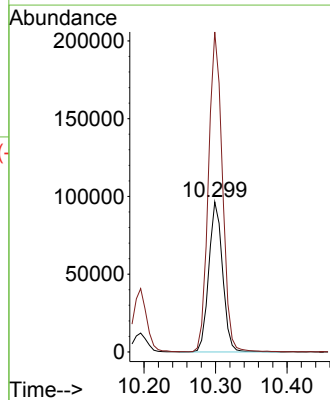
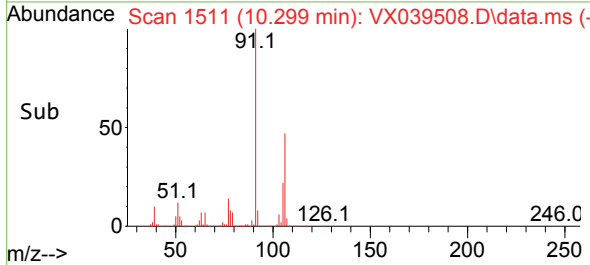
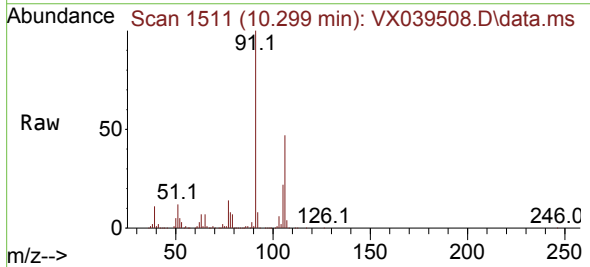
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

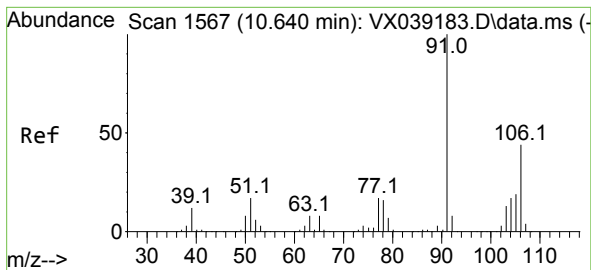
Tgt Ion: 91 Resp: 53857
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3



#68
m/p-Xylenes
Concen: 59.704 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 106 Resp: 129508
Ion Ratio Lower Upper
106 100
91 215.1 165.5 248.3





#69

o-Xylene

Concen: 57.125 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

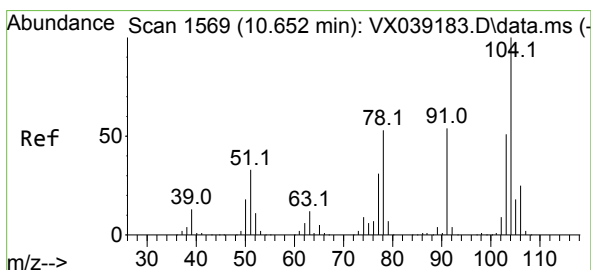
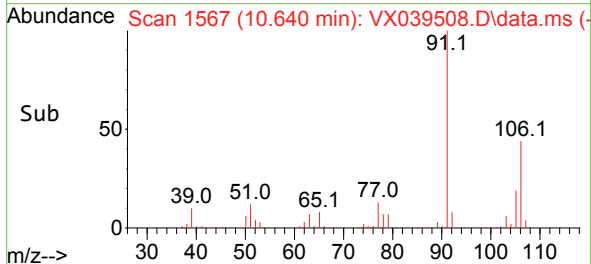
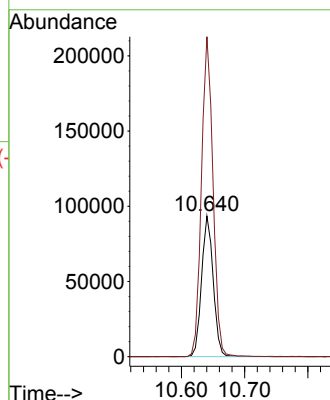
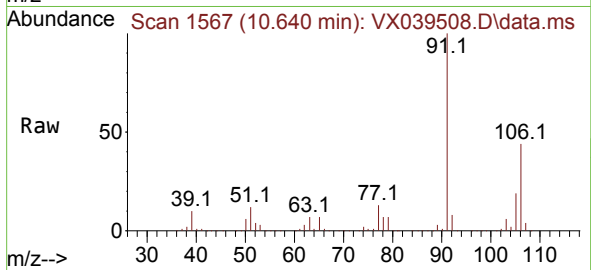
A2421-FRAC-TANK

Tgt Ion:106 Resp: 119809

Ion Ratio Lower Upper

106 100

91 226.1 108.9 326.8



#70

Styrene

Concen: 2.001 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.012 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

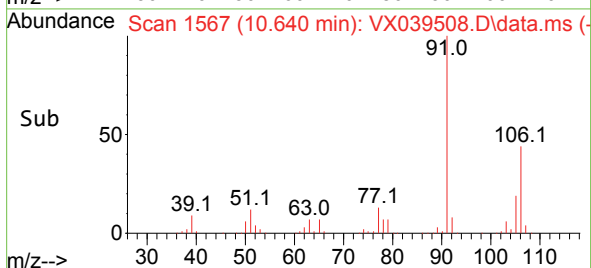
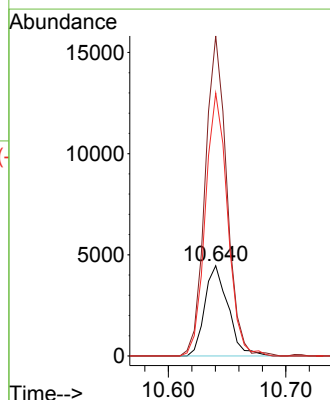
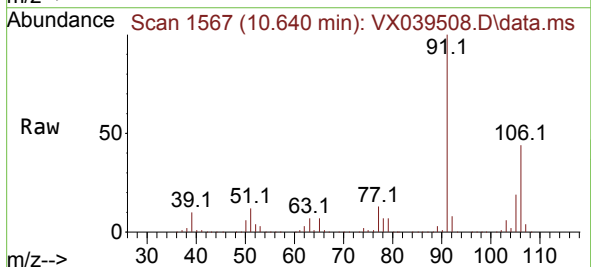
Tgt Ion:104 Resp: 6135

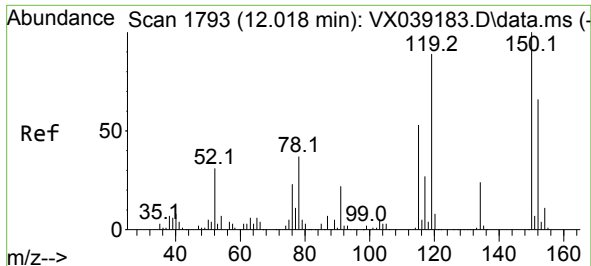
Ion Ratio Lower Upper

104 100

78 329.3 43.6 65.4#

103 277.5 43.6 65.4#

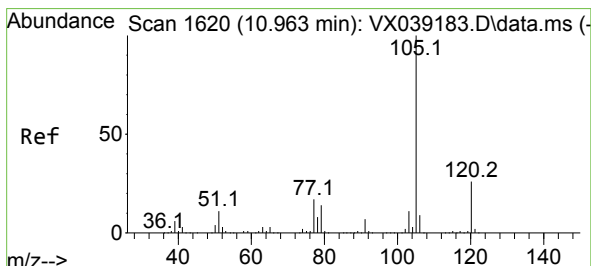
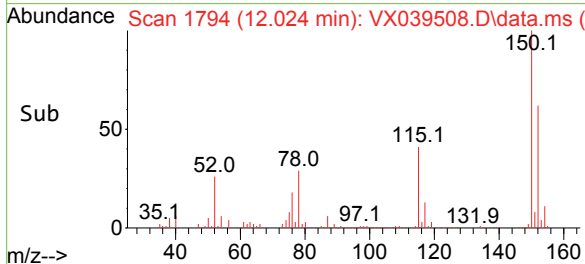
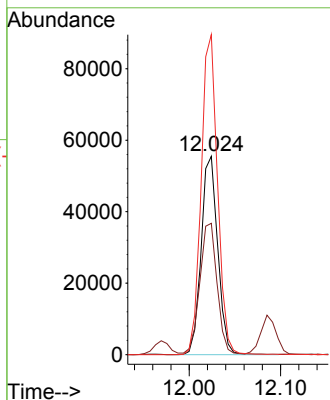
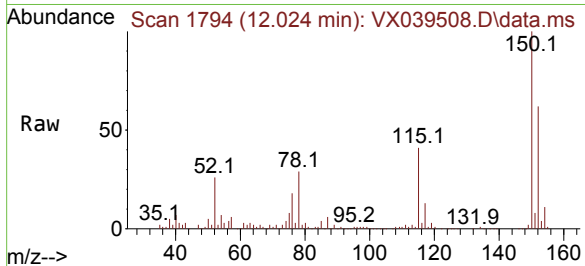




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX039508.D
 Acq: 28 Dec 2023 12:06

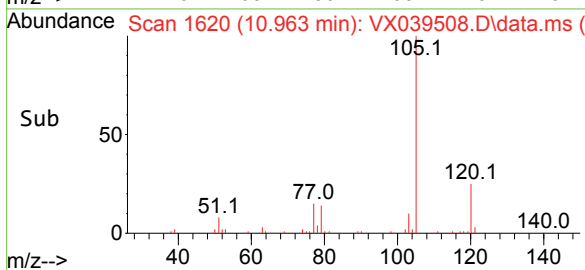
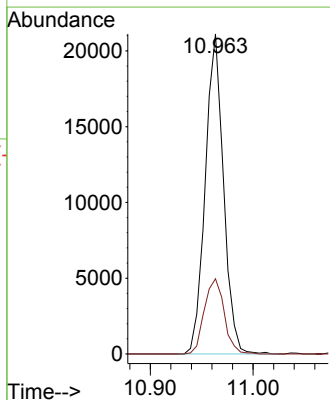
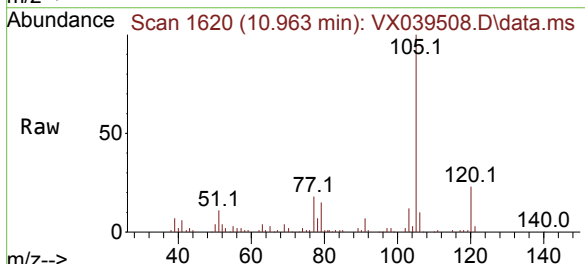
Instrument :
 MSVOA_X
 ClientSampleId :
 A2421-FRAC-TANK

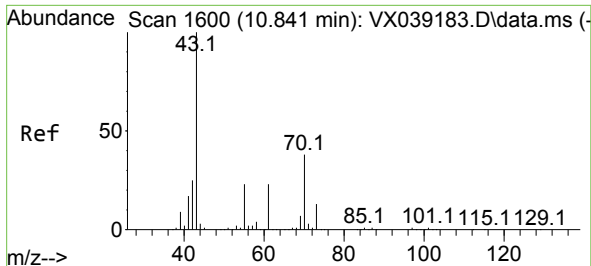
Tgt Ion:152 Resp: 69784
 Ion Ratio Lower Upper
 152 100
 115 69.6 43.3 129.9
 150 159.0 0.0 345.0



#73
 Isopropylbenzene
 Concen: 4.846 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX039508.D
 Acq: 28 Dec 2023 12:06

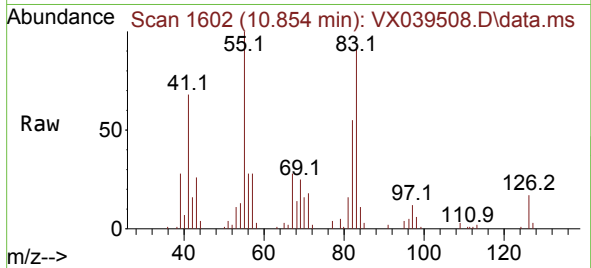
Tgt Ion:105 Resp: 26089
 Ion Ratio Lower Upper
 105 100
 120 25.6 12.9 38.6



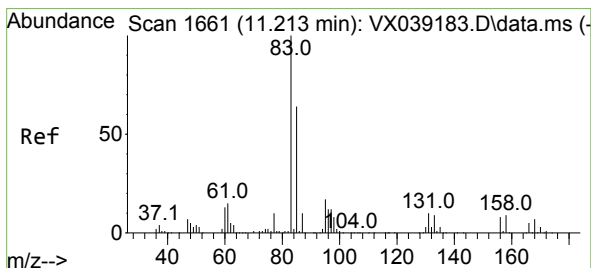
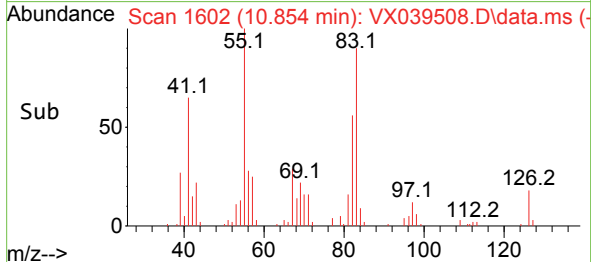
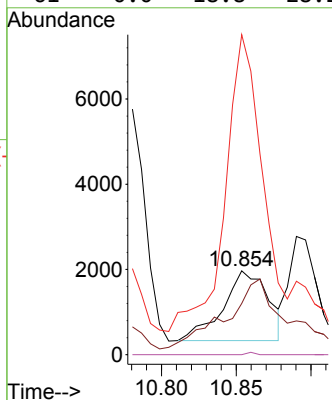


#74
N-amy1 acetate
Concen: 1.269 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

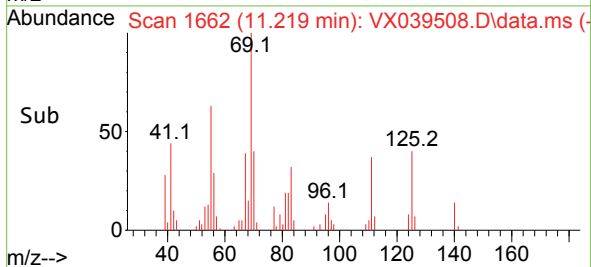
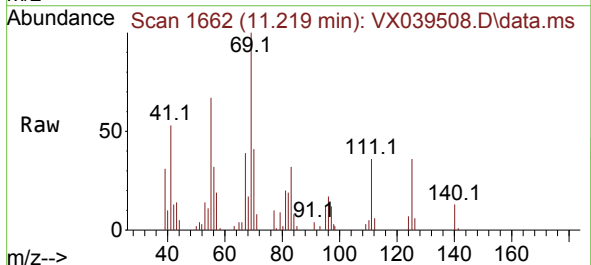
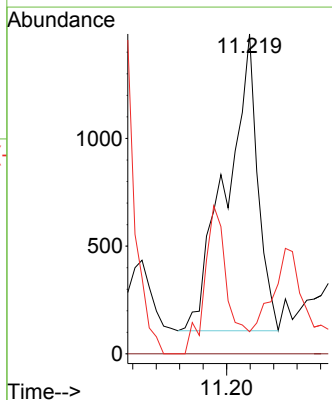


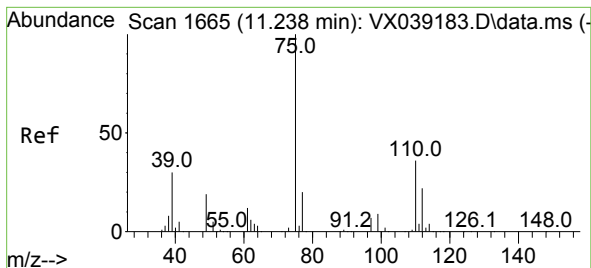
Tgt Ion: 43	Resp: 3457
Ion Ratio	Lower Upper
43 100	
70 130.3	32.9 49.3#
55 347.4	19.3 28.9#
61 0.0	18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 1.274 ug/l
RT: 11.219 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 83	Resp: 2552
Ion Ratio	Lower Upper
83 100	
131 0.0	5.3 15.8#
85 0.0	32.0 96.2#





#76

1,2,3-Trichloropropane

Concen: 2.561 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.140 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

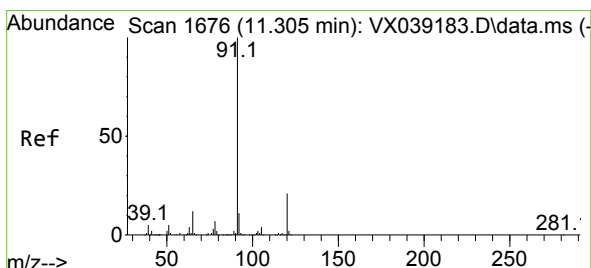
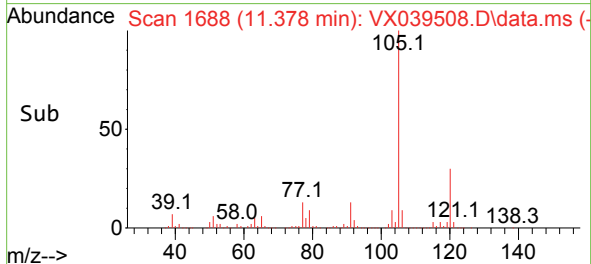
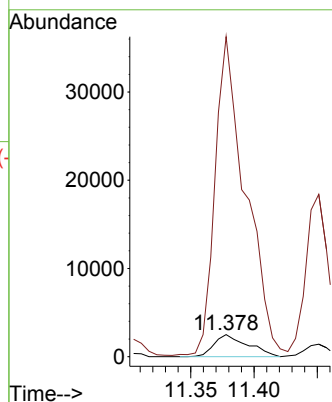
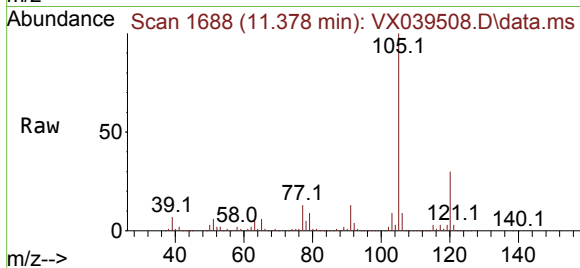
A2421-FRAC-TANK

Tgt Ion: 75 Resp: 4623

Ion Ratio Lower Upper

75 100

77 1321.5 19.1 57.5#



#78

n-propylbenzene

Concen: 8.374 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039508.D

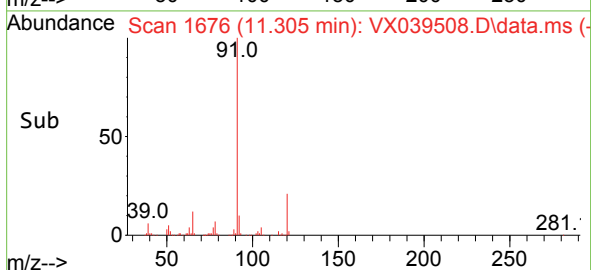
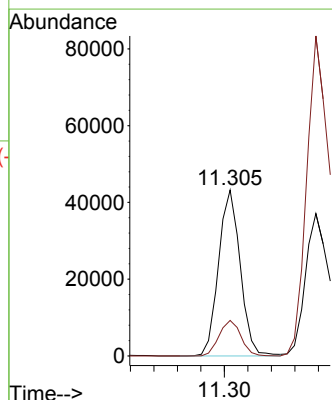
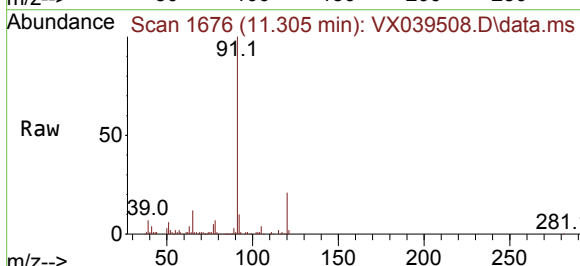
Acq: 28 Dec 2023 12:06

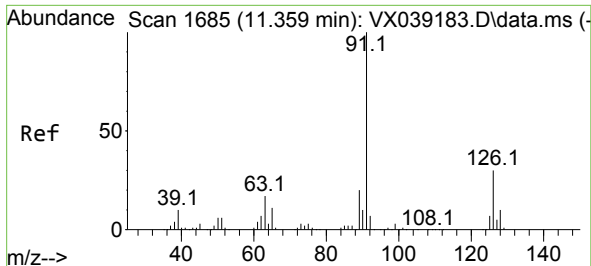
Tgt Ion: 91 Resp: 55554

Ion Ratio Lower Upper

91 100

120 21.5 11.5 34.4

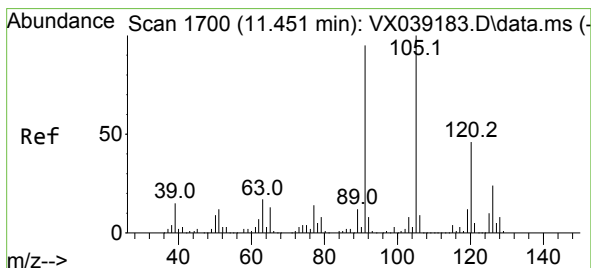
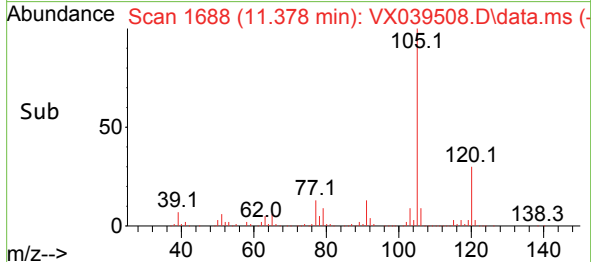
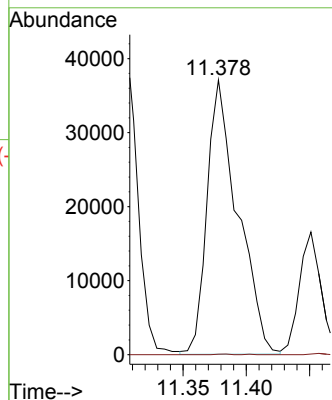
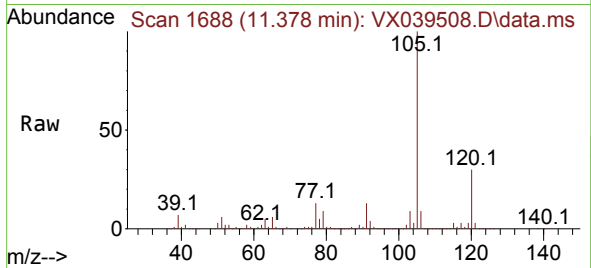




#79
2-Chlorotoluene
Concen: 15.658 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.019 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

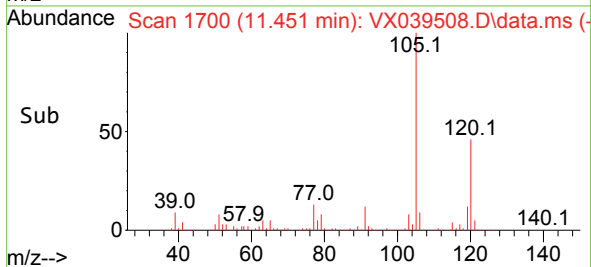
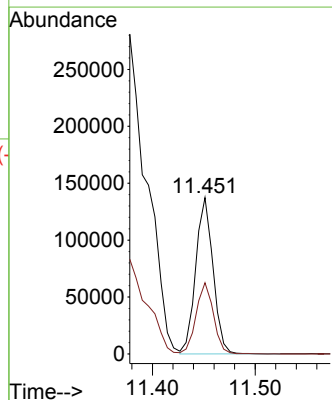
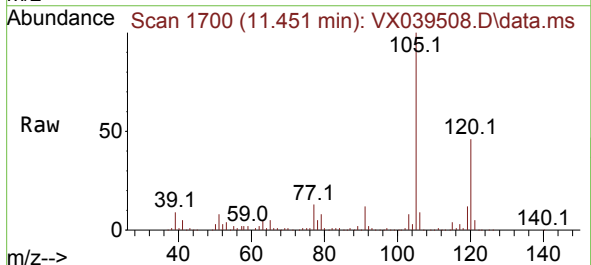
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

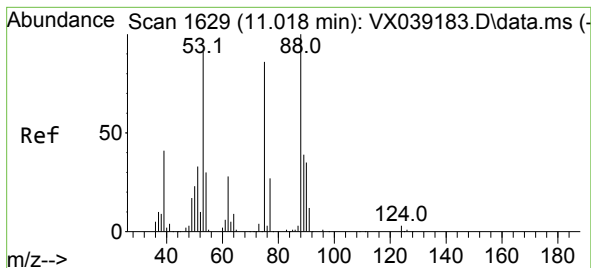
Tgt Ion: 91 Resp: 62831
Ion Ratio Lower Upper
91 100
126 0.1 16.3 48.8#



#80
1,3,5-Trimethylbenzene
Concen: 35.148 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 105 Resp: 161213
Ion Ratio Lower Upper
105 100
120 45.7 24.1 72.3

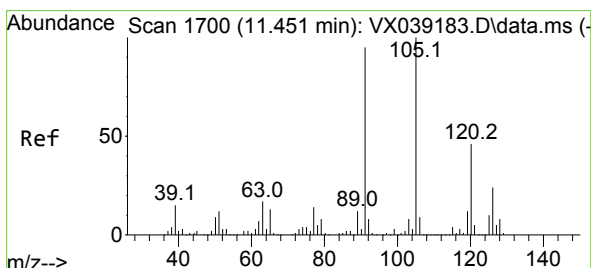
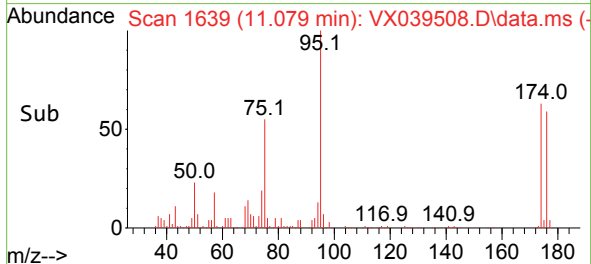
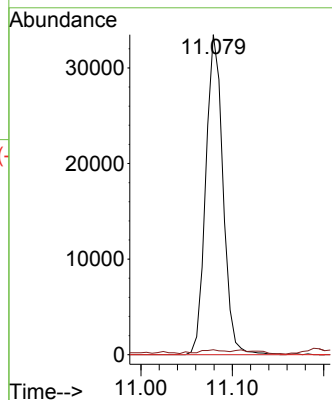
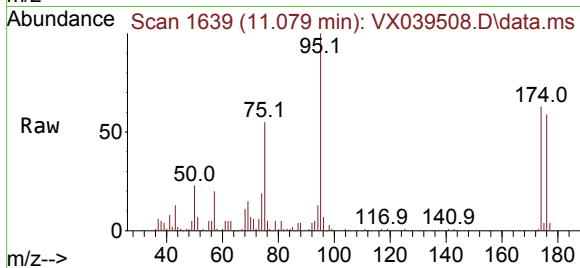




#81
trans-1,4-Dichloro-2-butene
Concen: 68.141 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

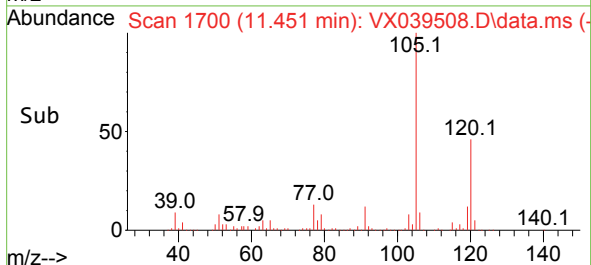
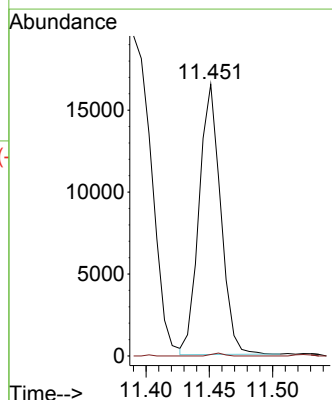
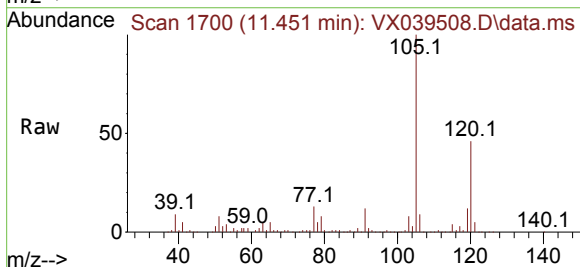
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

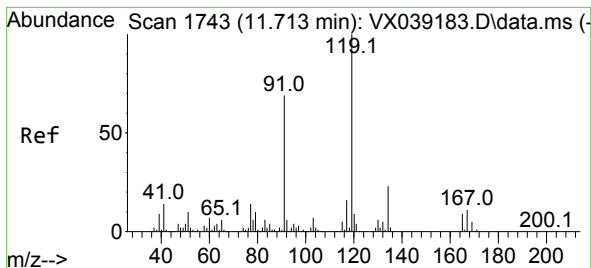
Tgt Ion: 75 Resp: 43610
Ion Ratio Lower Upper
75 100
53 1.8 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 4.157 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 91 Resp: 19594
Ion Ratio Lower Upper
91 100
126 0.6 14.2 42.6#





#83

tert-Butylbenzene

Concen: 10.906 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

A2421-FRAC-TANK

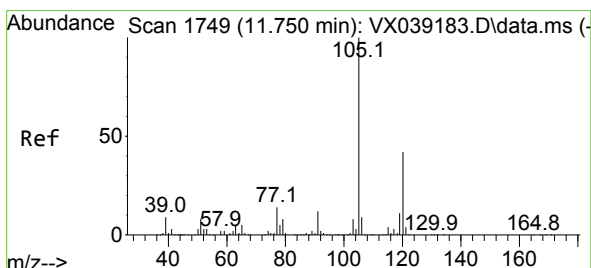
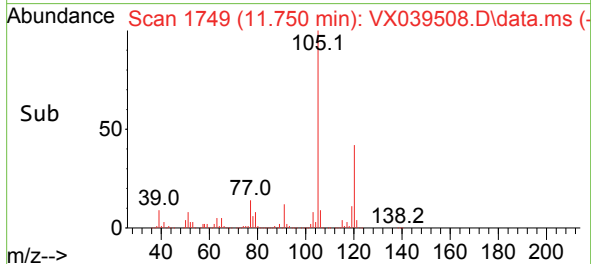
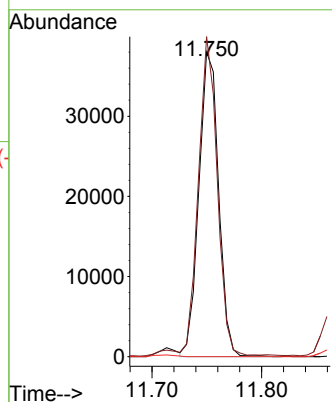
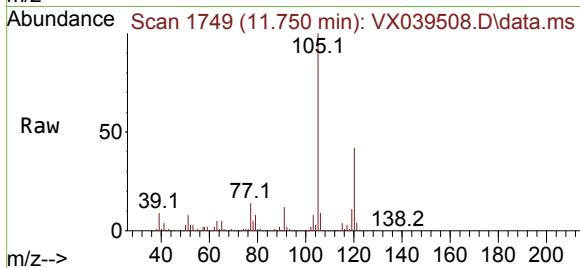
Tgt Ion:119 Resp: 47606

Ion Ratio Lower Upper

119 100

91 102.0 31.2 93.6#

134 0.0 11.7 35.0#



#84

1,2,4-Trimethylbenzene

Concen: 88.780 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039508.D

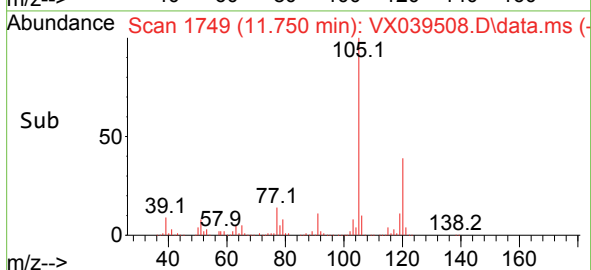
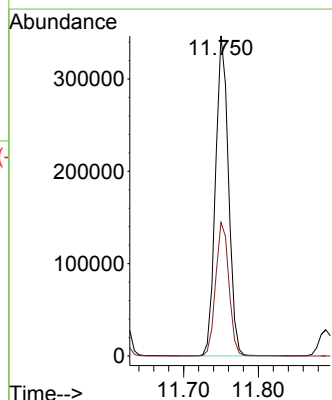
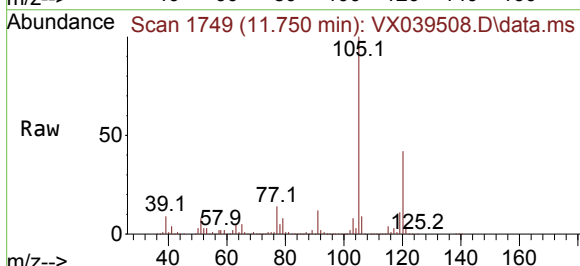
Acq: 28 Dec 2023 12:06

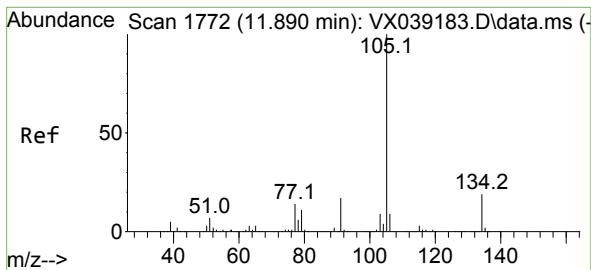
Tgt Ion:105 Resp: 417590

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6





#85

sec-Butylbenzene

Concen: 6.285 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

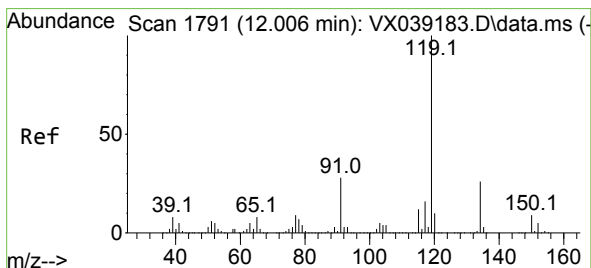
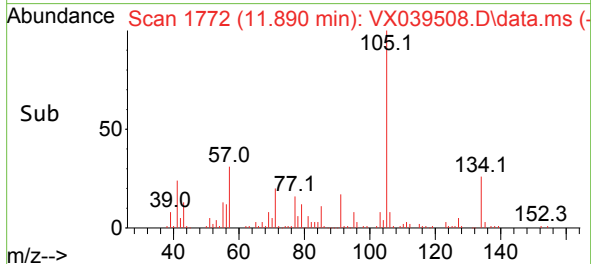
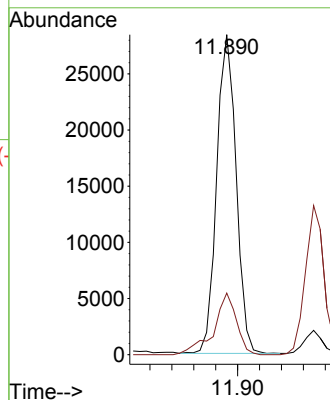
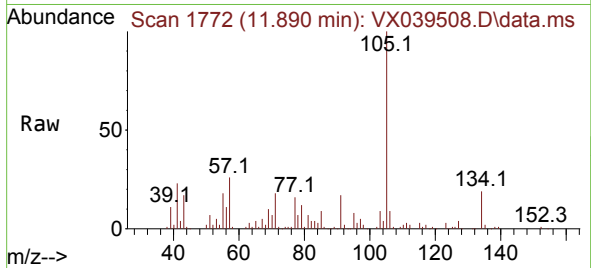
A2421-FRAC-TANK

Tgt Ion:105 Resp: 34911

Ion Ratio Lower Upper

105 100

134 22.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 5.735 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

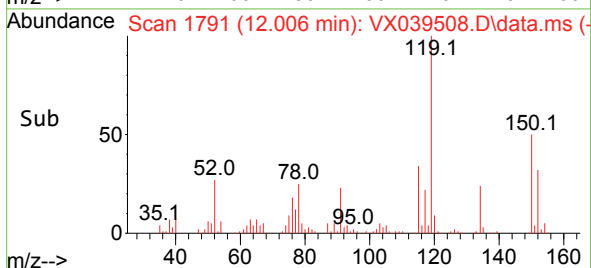
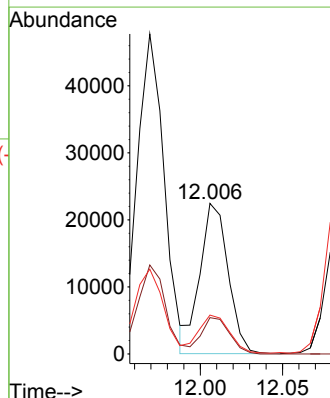
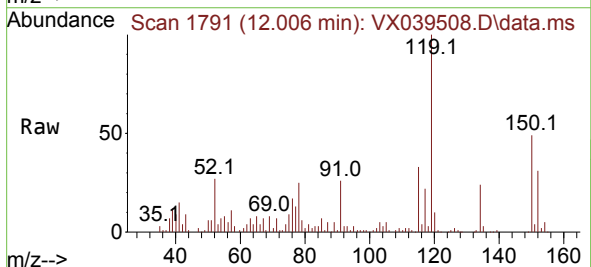
Tgt Ion:119 Resp: 26735

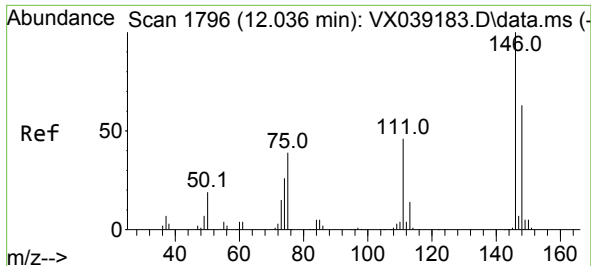
Ion Ratio Lower Upper

119 100

134 23.7 12.8 38.3

91 27.8 13.1 39.3

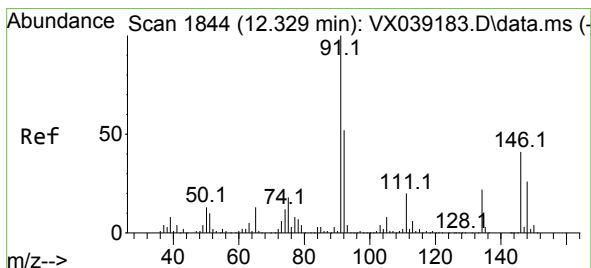
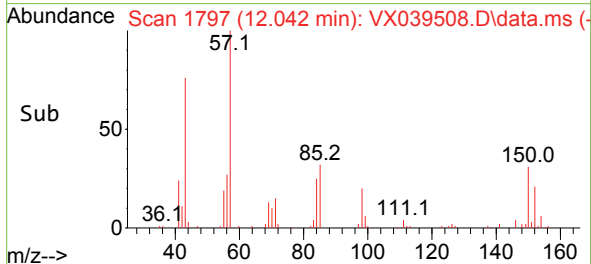
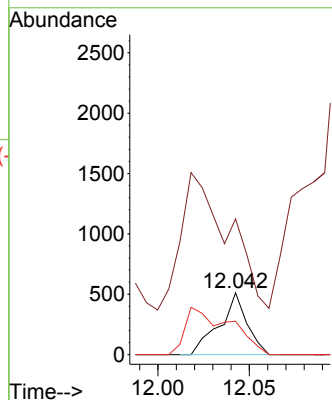
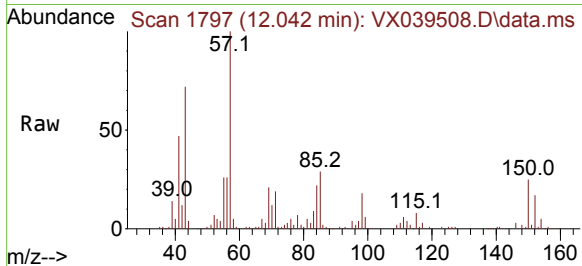




#88
1,4-Dichlorobenzene
Concen: 0.220 ug/l
RT: 12.042 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

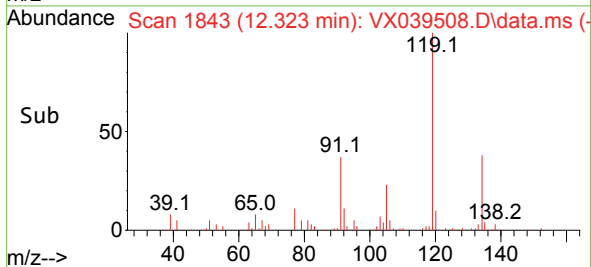
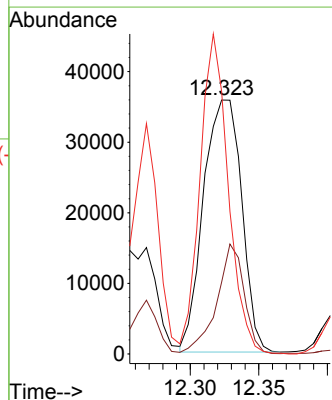
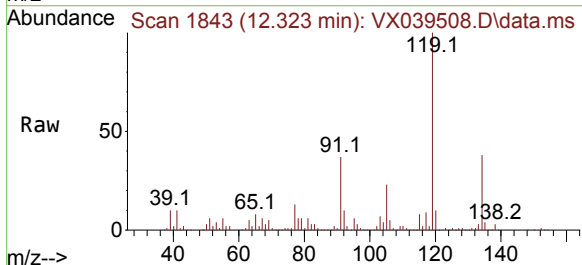
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

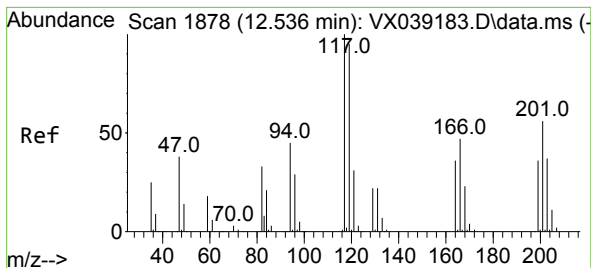
Tgt Ion:146 Resp: 537
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.7#
148 0.0 31.8 95.4#



#89
n-Butylbenzene
Concen: 15.120 ug/l
RT: 12.323 min Scan# 1843
Delta R.T. -0.006 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

Tgt Ion: 91 Resp: 69288
Ion Ratio Lower Upper
91 100
92 31.0 27.4 82.0
134 93.7 12.6 37.8#





#90

Hexachloroethane

Concen: 13.353 ug/l

RT: 12.530 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

Instrument :

MSVOA_X

ClientSampleId :

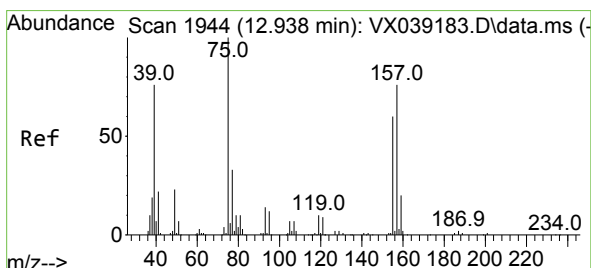
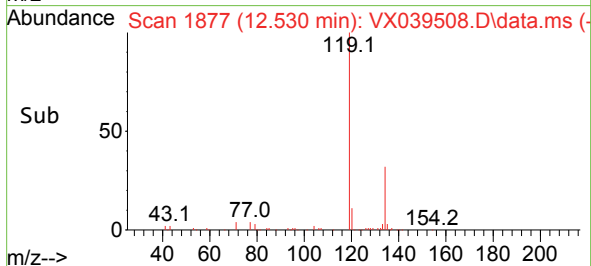
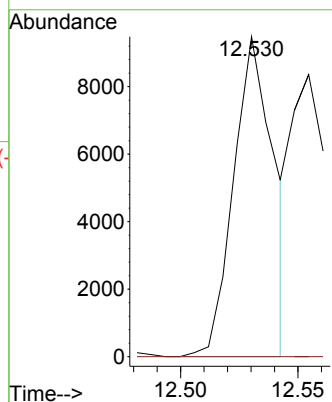
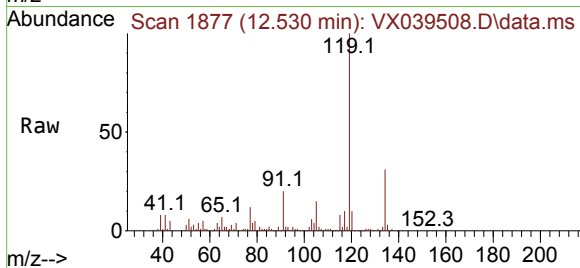
A2421-FRAC-TANK

Tgt Ion:117 Resp: 11244

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.902 ug/l

RT: 12.957 min Scan# 1947

Delta R.T. 0.019 min

Lab File: VX039508.D

Acq: 28 Dec 2023 12:06

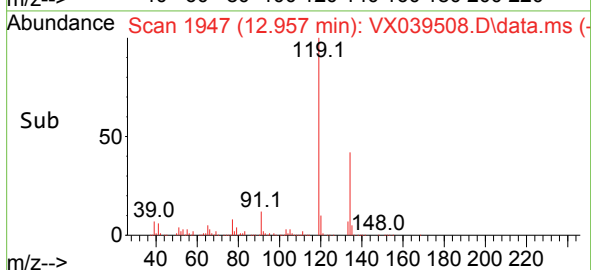
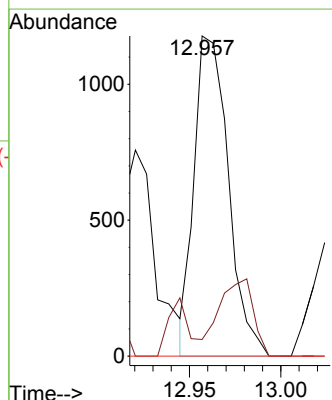
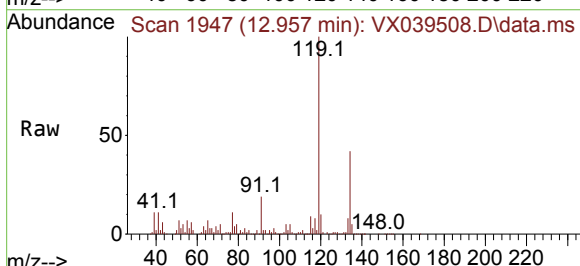
Tgt Ion: 75 Resp: 1531

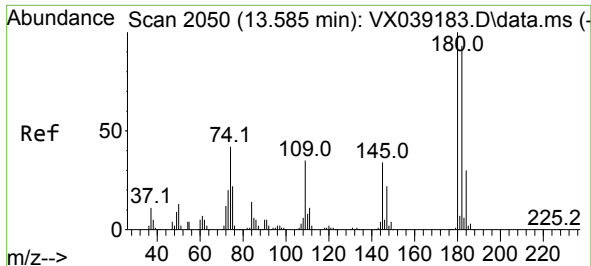
Ion Ratio Lower Upper

75 100

155 11.5 36.1 108.5#

157 0.0 44.9 134.7#

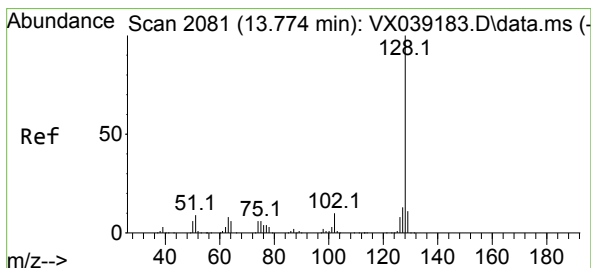
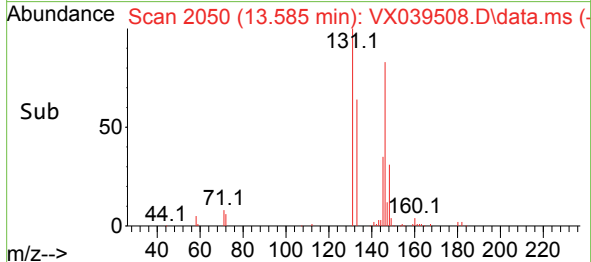
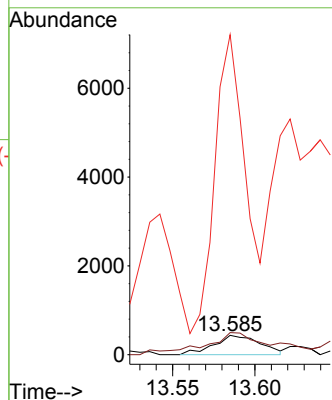
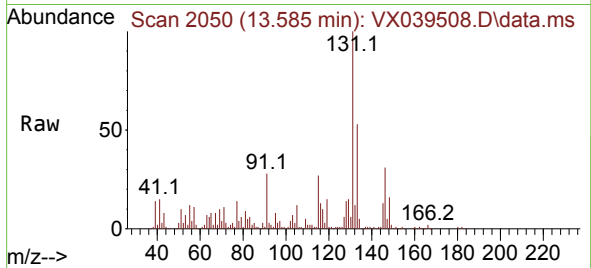




#93
1,2,4-Trichlorobenzene
Concen: 0.583 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

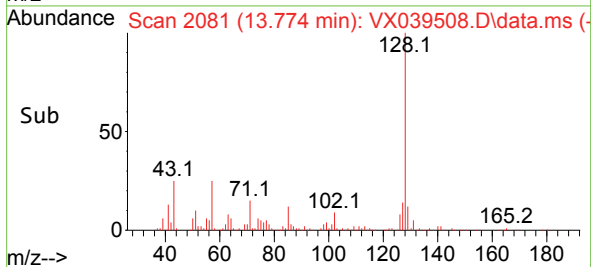
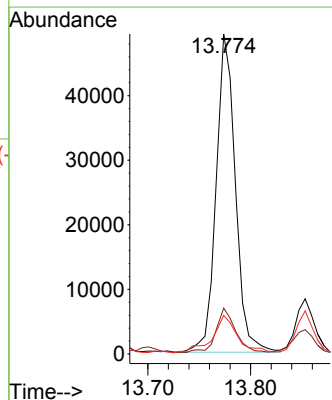
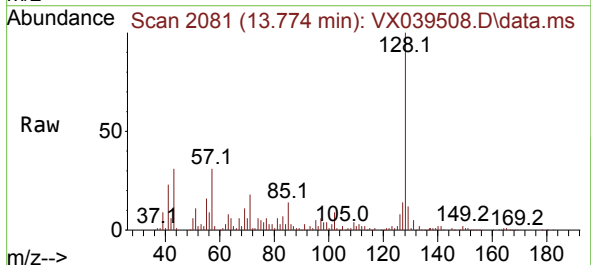
Instrument :
MSVOA_X
ClientSampleId :
A2421-FRAC-TANK

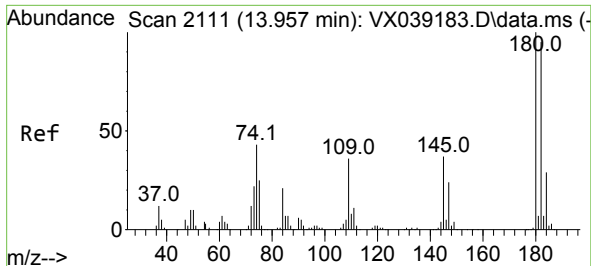
Tgt Ion:180 Resp: 854
Ion Ratio Lower Upper
180 100
182 166.7 48.3 144.8#
145 1019.7 18.0 54.0#



#95
Naphthalene
Concen: 12.550 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX039508.D
Acq: 28 Dec 2023 12:06

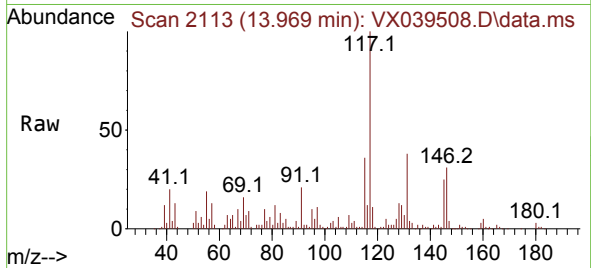
Tgt Ion:128 Resp: 64051
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 15.2 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.800 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX039508.D
 Acq: 28 Dec 2023 12:06

Instrument :
 MSVOA_X
 ClientSampleId :
 A2421-FRAC-TANK



Tgt Ion:180 Resp: 1132
 Ion Ratio Lower Upper
 180 100
 182 34.1 46.9 140.6#
 145 1007.3 17.8 53.5#

