

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
 Data File : VX037630.D
 Acq On : 09 Sep 2023 16:13
 Operator : JC/MD
 Sample : 04296-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NGTW2

Quant Time: Sep 11 01:24:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 09 06:38:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	143989	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78953	40.621	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.240%
35) Dibromofluoromethane	5.385	113	70526	42.977	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.960%
50) Toluene-d8	8.647	98	278872	46.334	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.660%
62) 4-Bromofluorobenzene	11.079	95	110262	48.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.220%

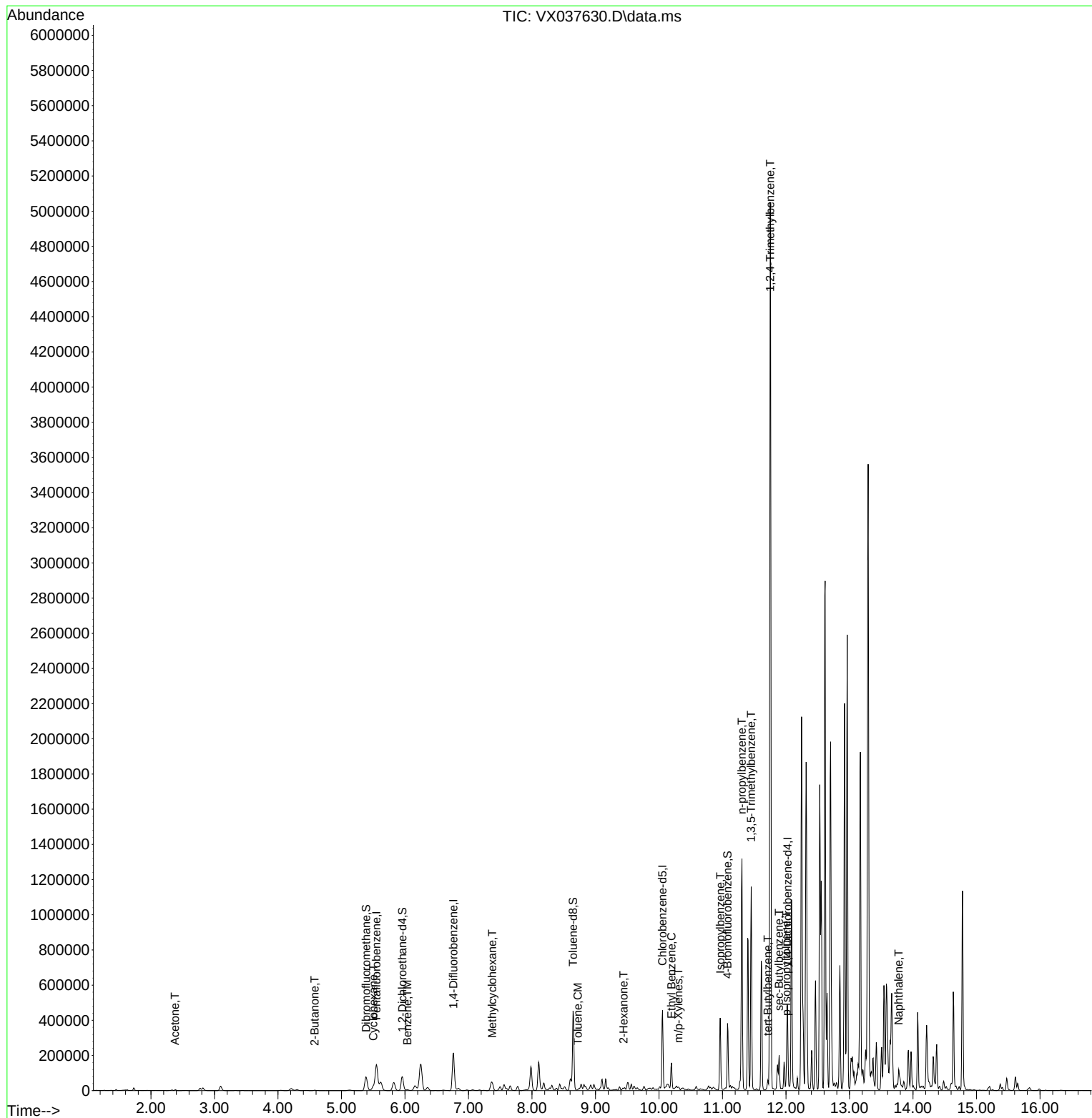
Target Compounds					Qvalue	
16) Acetone	2.380	43	5557	6.952	ug/l #	80
25) 2-Butanone	4.574	43	4594	3.790	ug/l #	85
31) Cyclohexane	5.501	56	8992	3.802	ug/l #	52
39) Methylcyclohexane	7.373	83	17169	6.495	ug/l #	76
40) Benzene	6.038	78	6475	0.971	ug/l	92
52) Toluene	8.720	92	1064	0.246	ug/l	91
59) 2-Hexanone	9.439	43	1563	0.968	ug/l	75
67) Ethyl Benzene	10.195	91	86985	10.652	ug/l	99
68) m/p-Xylenes	10.305	106	1470	0.458	ug/l	95
73) Isopropylbenzene	10.964	105	212572	28.124	ug/l	98
78) n-propylbenzene	11.305	91	813125	96.735	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	493844	77.031	ug/l	99
83) tert-Butylbenzene	11.713	119	19395	3.001	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	2293017	357.742	ug/l	93
85) sec-Butylbenzene	11.890	105	95112	12.207	ug/l	97
86) p-Isopropyltoluene	12.006	119	46605	7.062	ug/l	98
95) Naphthalene	13.774	128	71588	9.555	ug/l	99

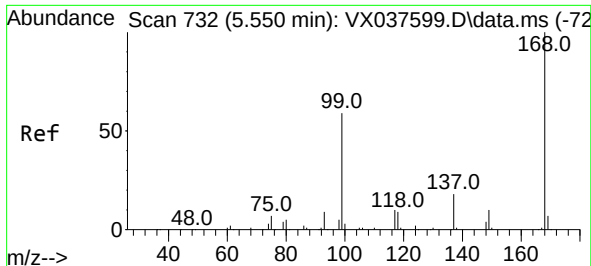
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090923\
Data File : VX037630.D
Acq On : 09 Sep 2023 16:13
Operator : JC/MD
Sample : 04296-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
NGTW2

Quant Time: Sep 11 01:24:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090823W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 09 06:38:11 2023
Response via : Initial Calibration

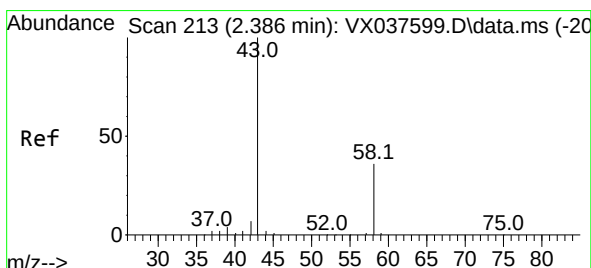
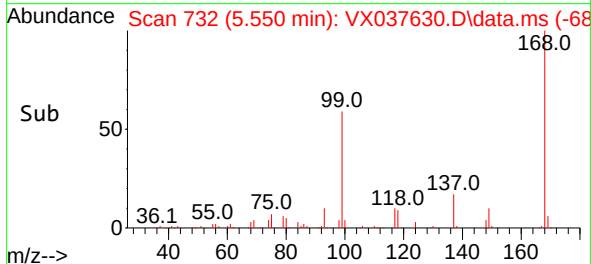
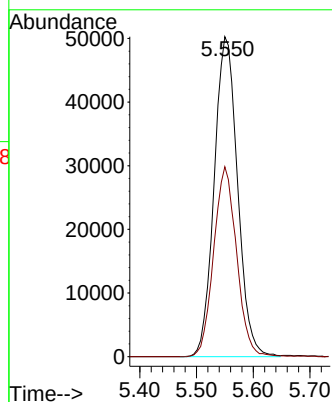
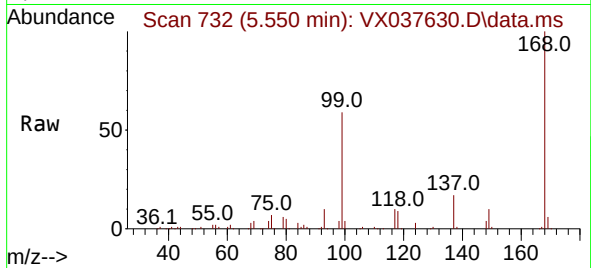




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

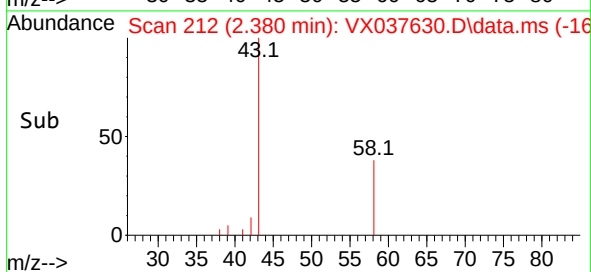
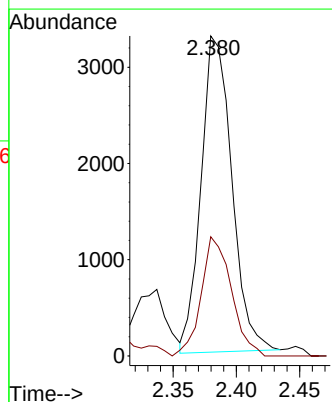
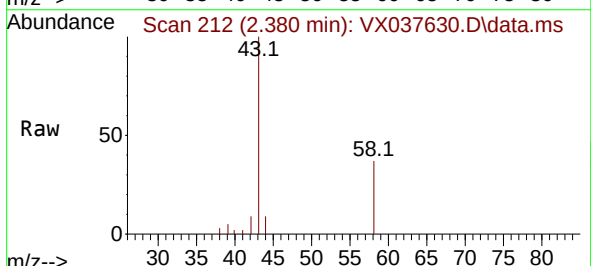
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

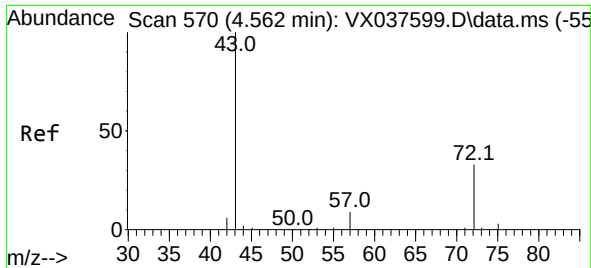
Tgt Ion:168 Resp: 143989
Ion Ratio Lower Upper
168 100
99 59.3 56.6 85.0



#16
Acetone
Concen: 6.952 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion: 43 Resp: 5557
Ion Ratio Lower Upper
43 100
58 38.0 21.9 32.9#

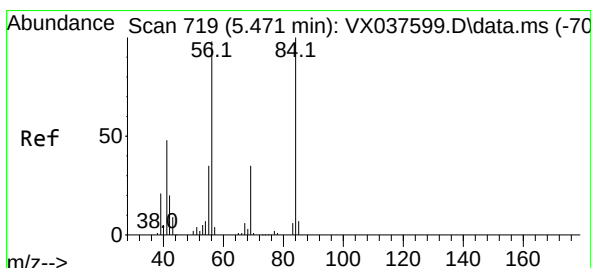
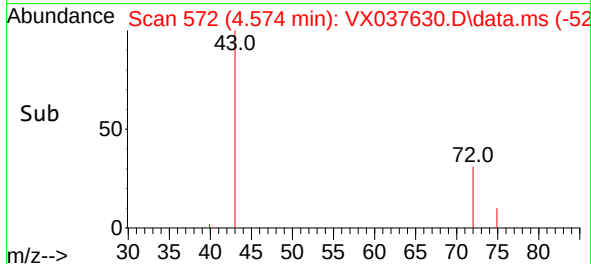
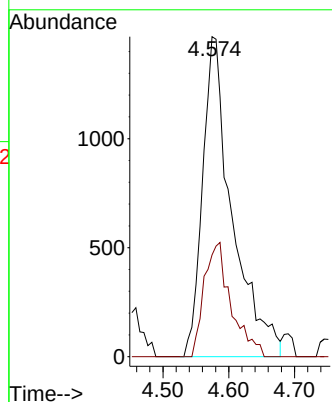
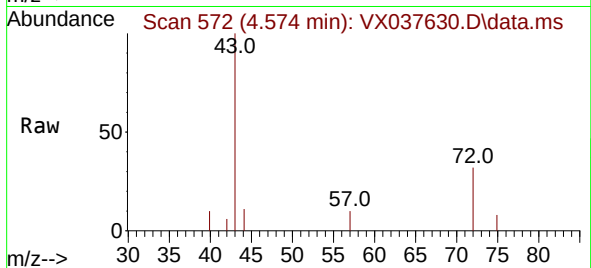




#25
2-Butanone
Concen: 3.790 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

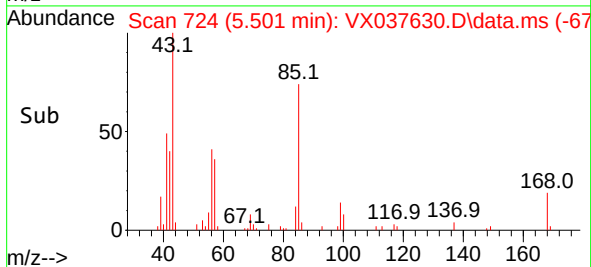
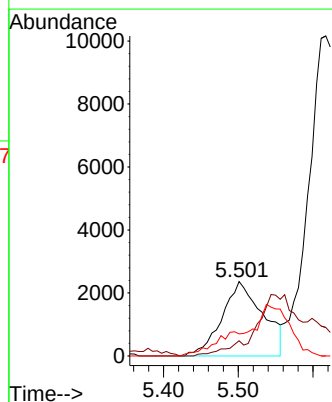
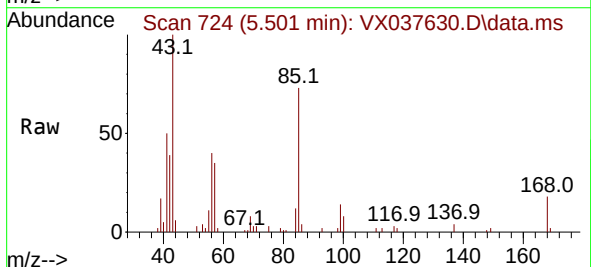
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

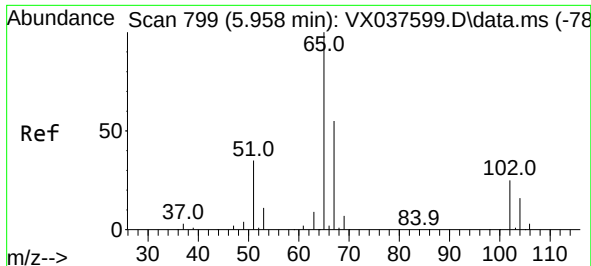
Tgt Ion: 43 Resp: 4594
Ion Ratio Lower Upper
43 100
72 31.8 19.4 29.2#



#31
Cyclohexane
Concen: 3.802 ug/l
RT: 5.501 min Scan# 724
Delta R.T. 0.031 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion: 56 Resp: 8992
Ion Ratio Lower Upper
56 100
69 20.4 23.4 35.2#
84 29.6 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 40.621 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037630.D

Acq: 09 Sep 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

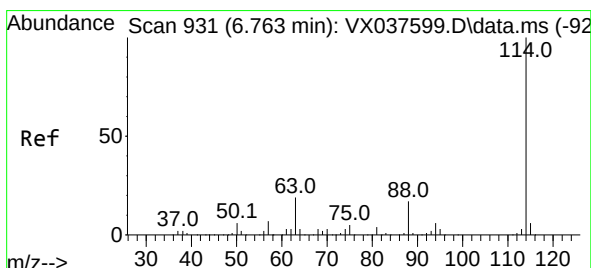
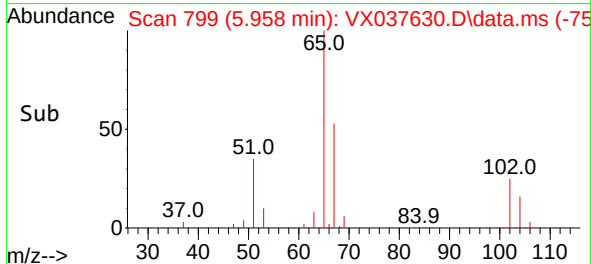
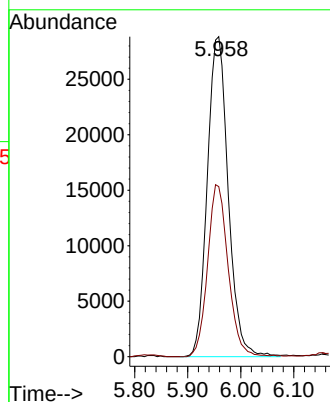
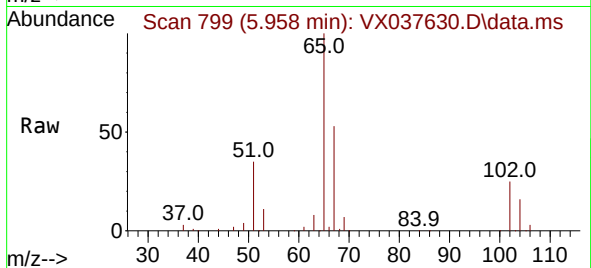
NGTW2

Tgt Ion: 65 Resp: 78953

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# 931

Delta R.T. 0.000 min

Lab File: VX037630.D

Acq: 09 Sep 2023 16:13

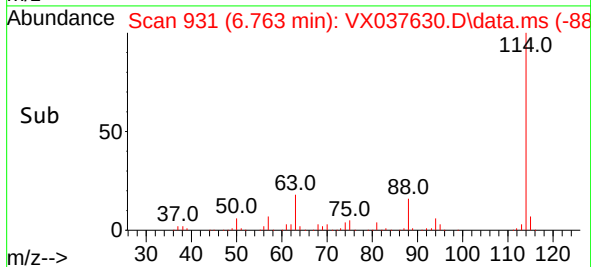
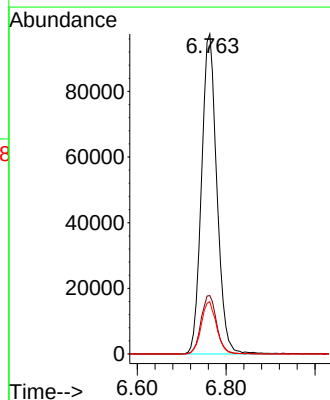
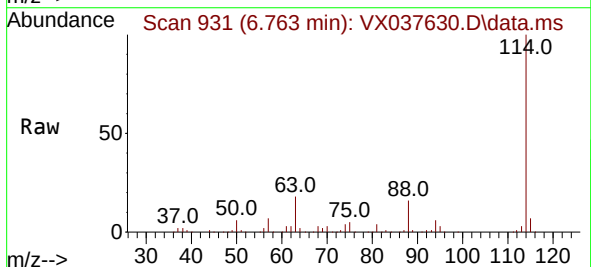
Tgt Ion: 114 Resp: 234619

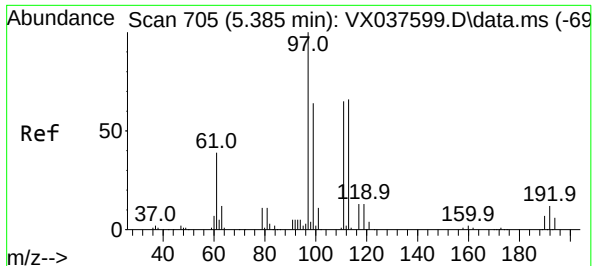
Ion Ratio Lower Upper

114 100

63 18.2 0.0 45.0

88 16.4 0.0 36.6

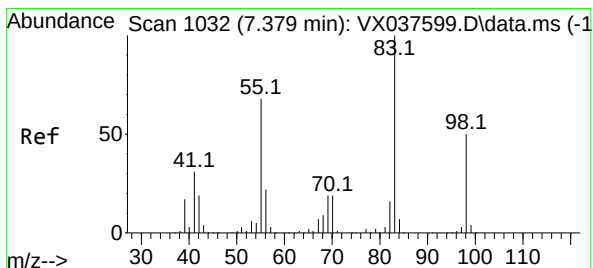
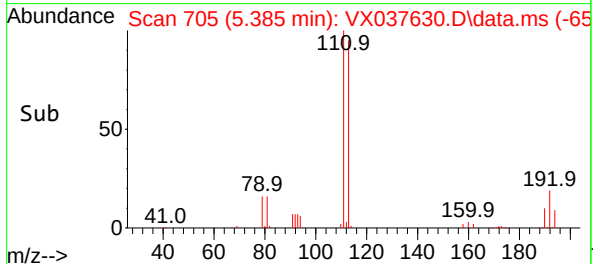
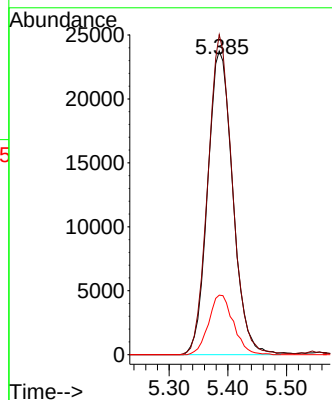
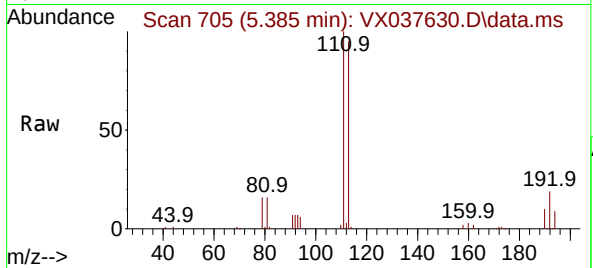




#35
Dibromofluoromethane
Concen: 42.977 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

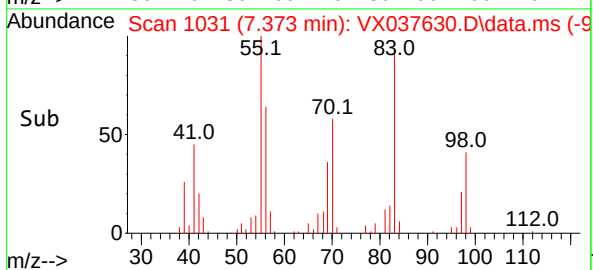
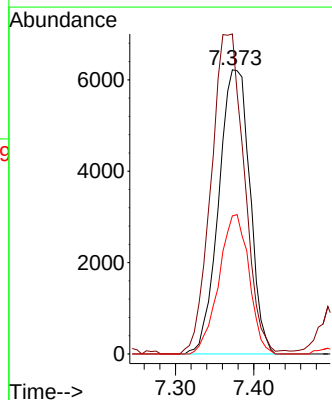
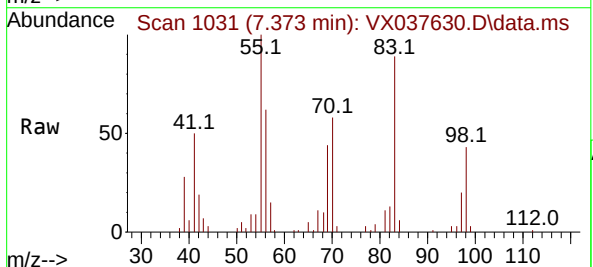
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

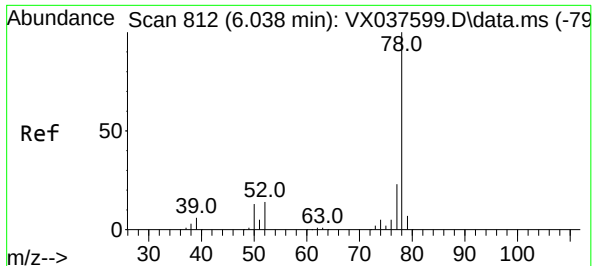
Tgt Ion:113 Resp: 70526
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 19.3 13.3 19.9



#39
Methylcyclohexane
Concen: 6.495 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion: 83 Resp: 17169
Ion Ratio Lower Upper
83 100
55 112.6 64.6 97.0#
98 48.6 36.7 55.1

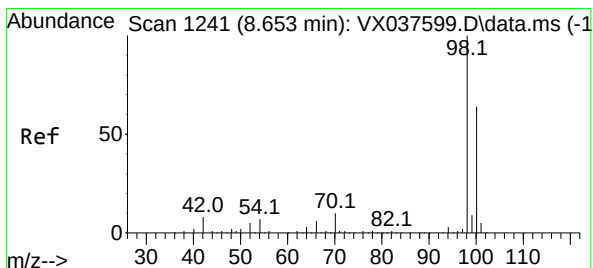
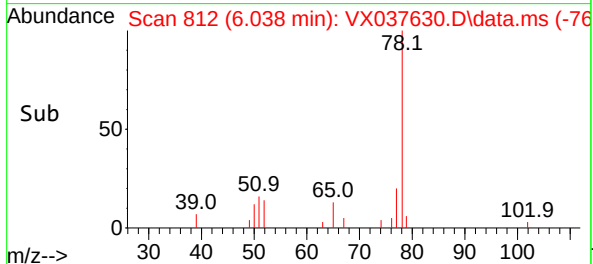
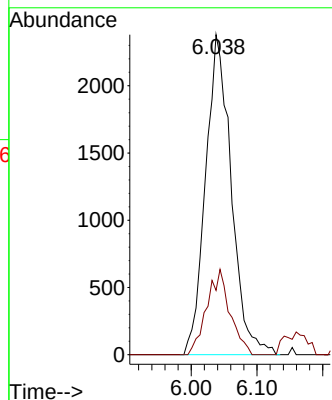
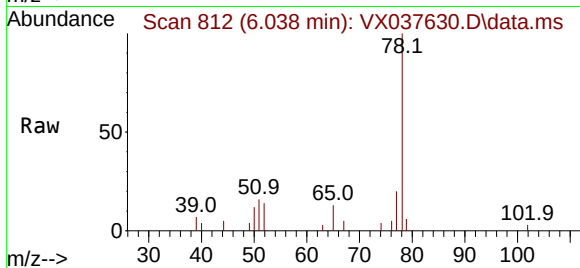




#40
Benzene
Concen: 0.971 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

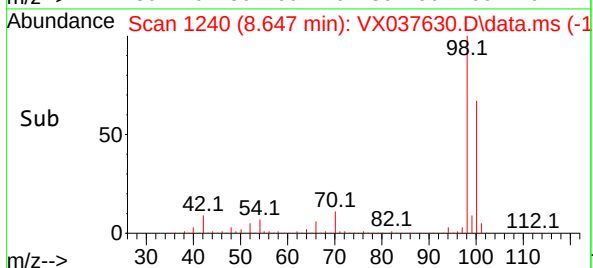
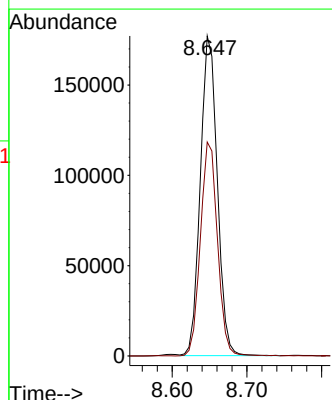
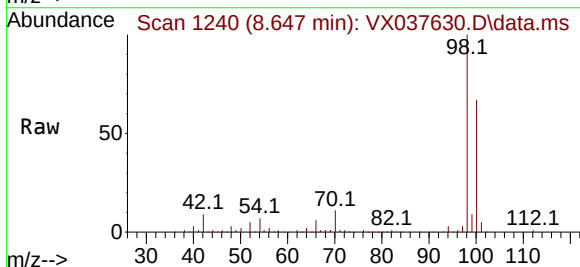
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

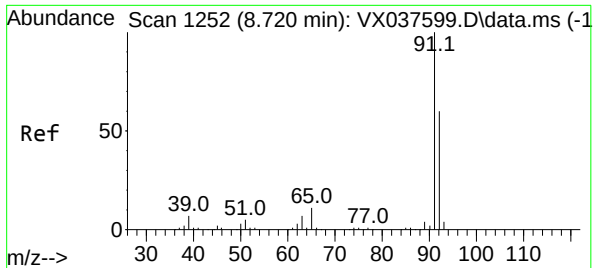
Tgt Ion: 78 Resp: 6475
Ion Ratio Lower Upper
78 100
77 20.1 19.3 28.9



#50
Toluene-d8
Concen: 46.334 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion: 98 Resp: 278872
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7

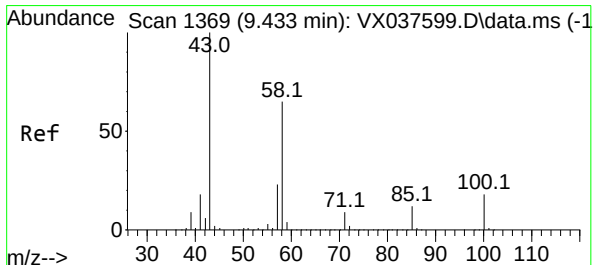
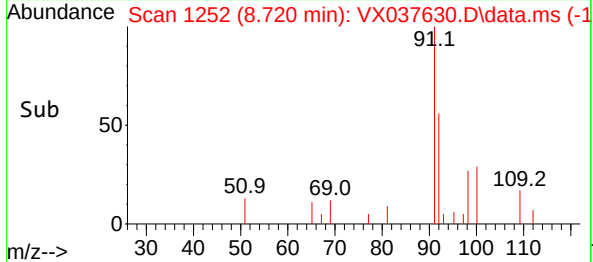
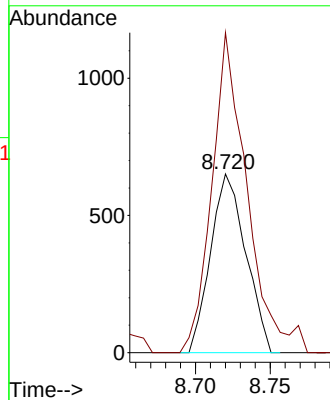
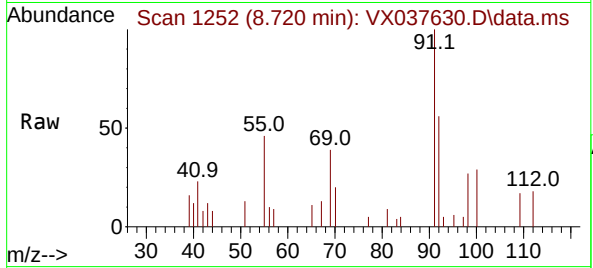




#52
Toluene
Concen: 0.246 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

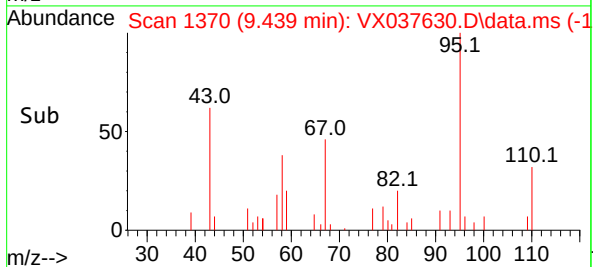
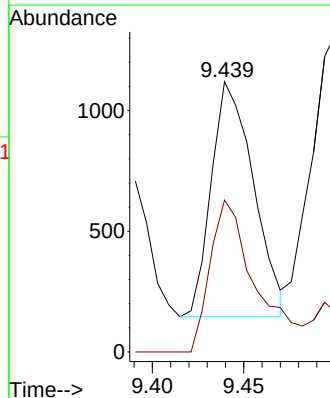
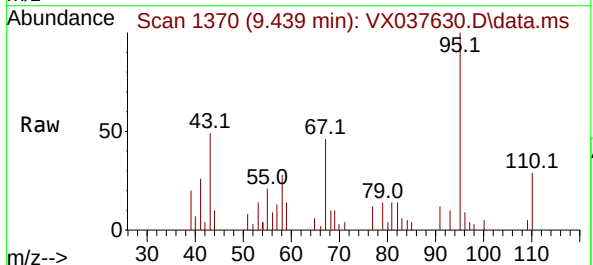
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

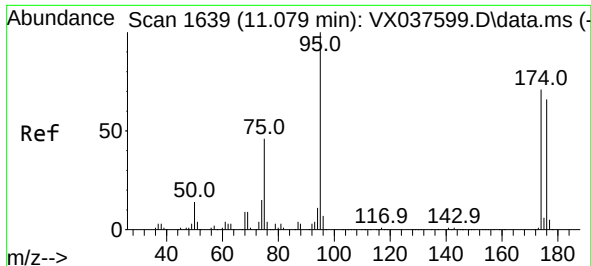
Tgt Ion: 92 Resp: 1064
Ion Ratio Lower Upper
92 100
91 179.4 134.2 201.2



#59
2-Hexanone
Concen: 0.968 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion: 43 Resp: 1563
Ion Ratio Lower Upper
43 100
58 70.1 26.2 78.5

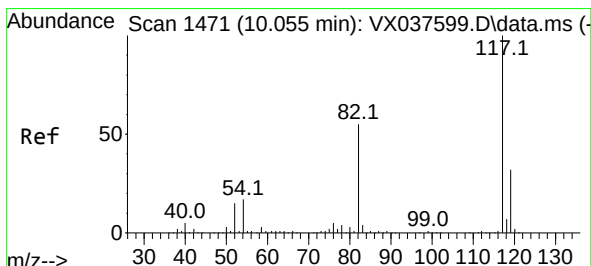
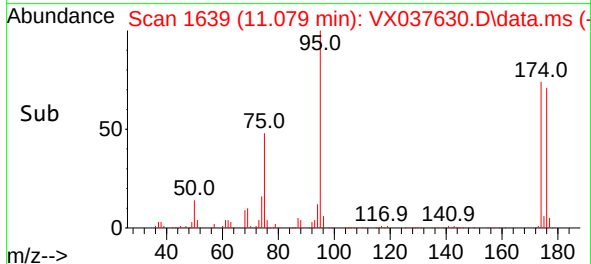
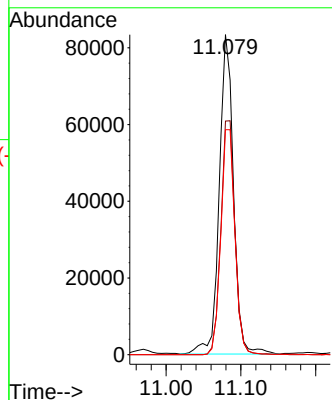
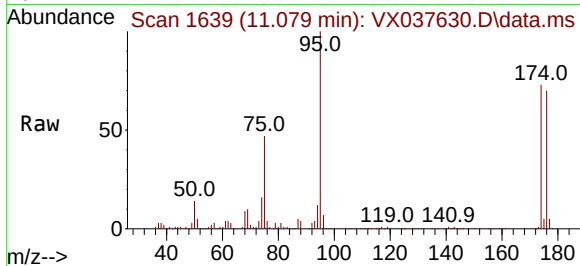




#62
4-Bromofluorobenzene
Concen: 48.608 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

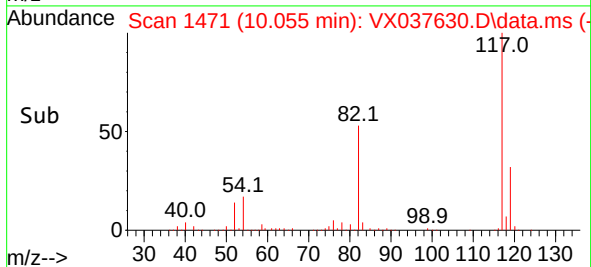
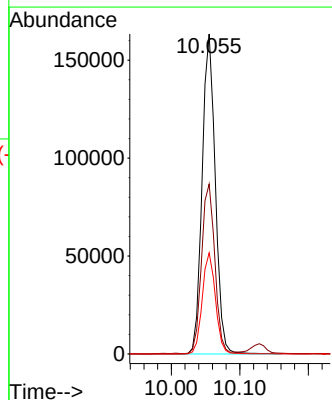
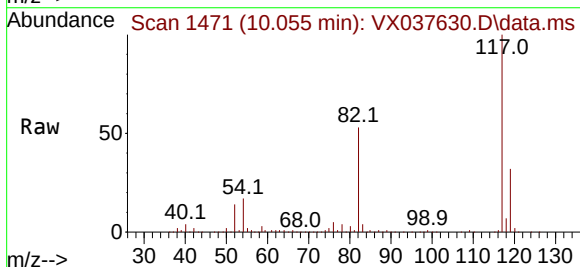
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

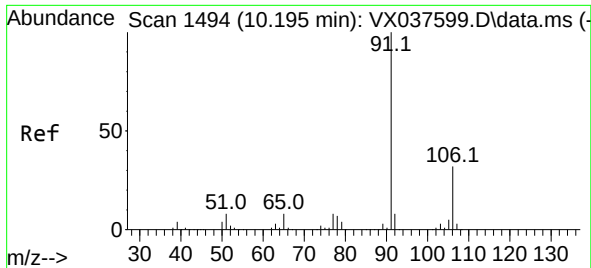
Tgt Ion: 95 Resp: 110262
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 69.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion: 117 Resp: 218652
Ion Ratio Lower Upper
117 100
82 52.9 46.2 69.4
119 31.6 25.5 38.3

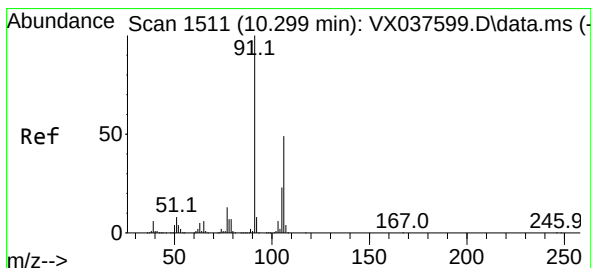
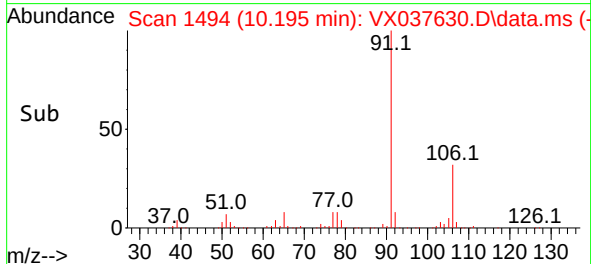
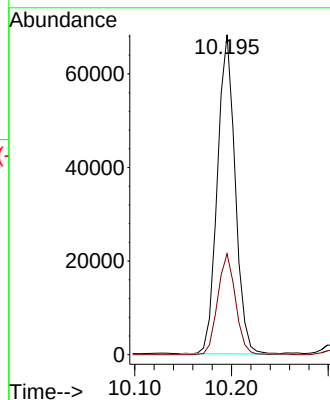
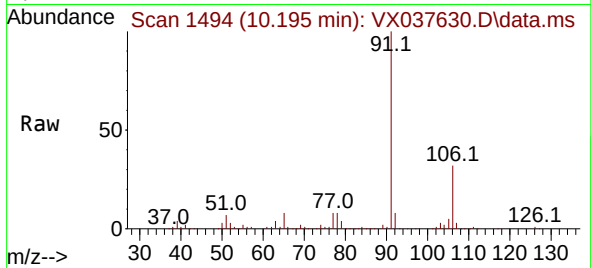




#67
Ethyl Benzene
Concen: 10.652 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

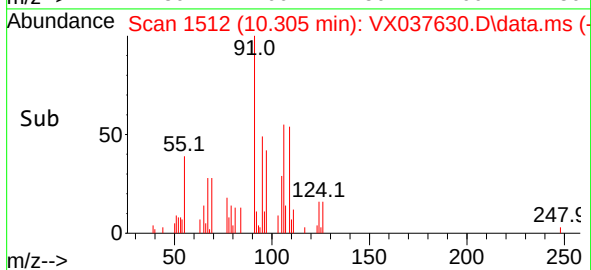
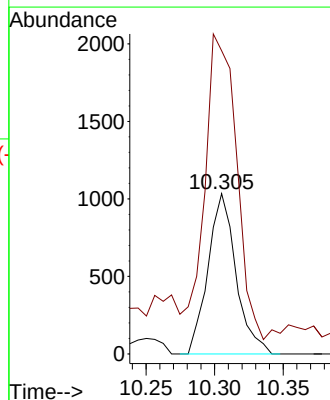
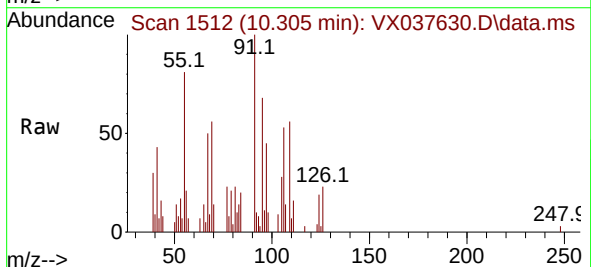
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

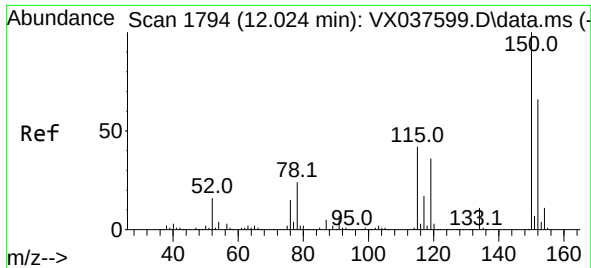
Tgt Ion: 91 Resp: 86985
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3



#68
m/p-Xylenes
Concen: 0.458 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion: 106 Resp: 1470
Ion Ratio Lower Upper
106 100
91 215.0 165.5 248.3

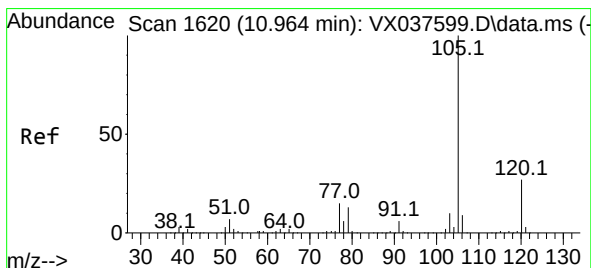
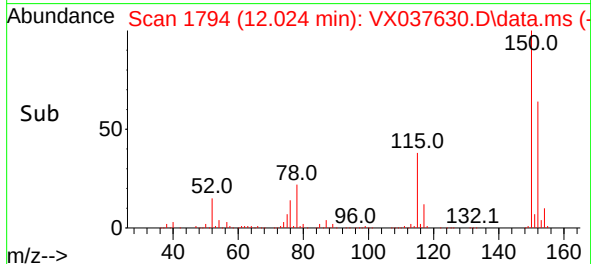
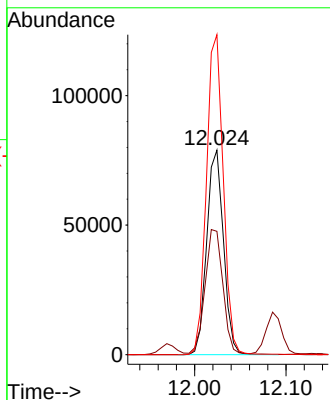
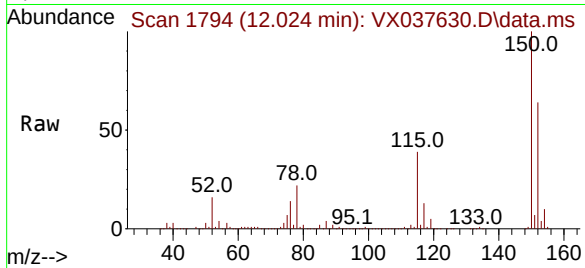




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

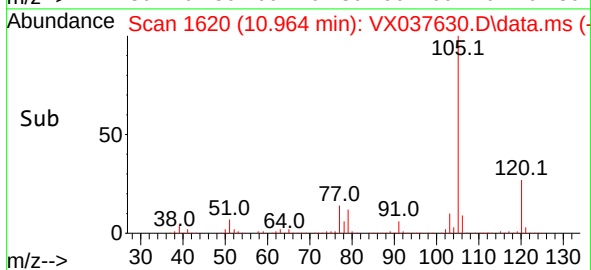
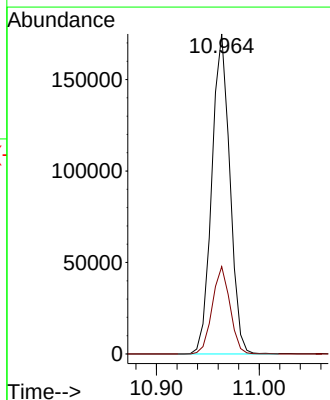
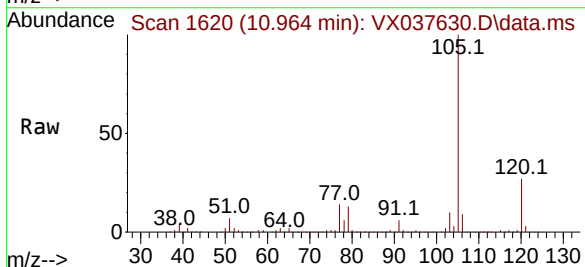
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

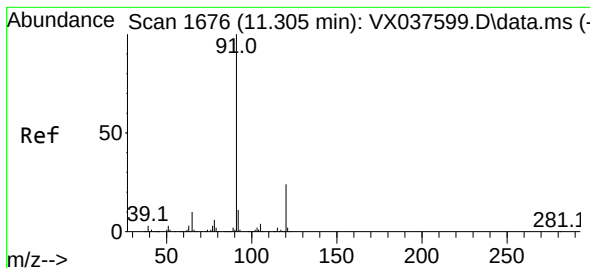
Tgt Ion:152 Resp: 100625
Ion Ratio Lower Upper
152 100
115 64.4 43.3 129.9
150 157.0 0.0 345.0



#73
Isopropylbenzene
Concen: 28.124 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion:105 Resp: 212572
Ion Ratio Lower Upper
105 100
120 26.8 12.9 38.6





#78

n-propylbenzene

Concen: 96.735 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX037630.D

Acq: 09 Sep 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

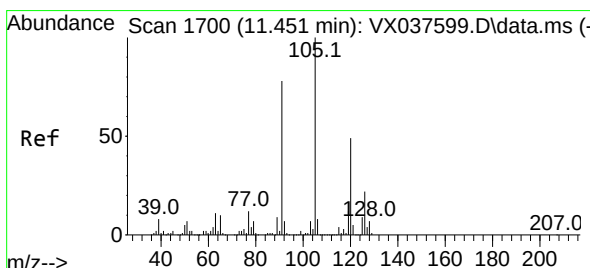
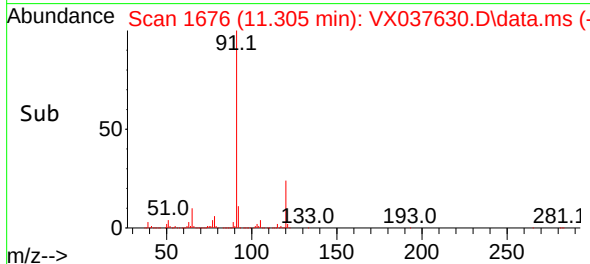
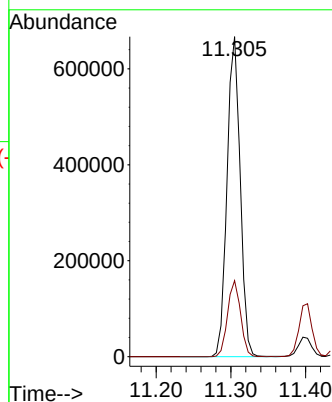
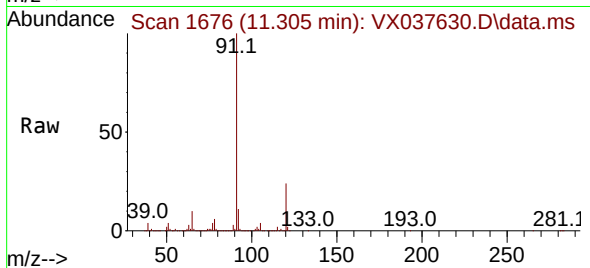
NGTW2

Tgt Ion: 91 Resp: 813125

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 77.031 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX037630.D

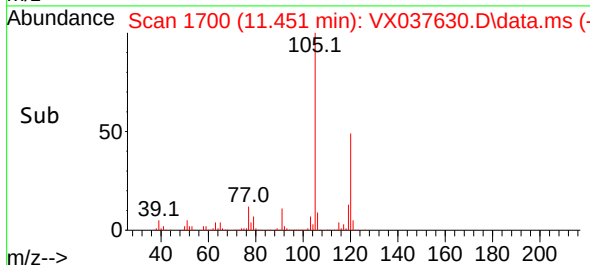
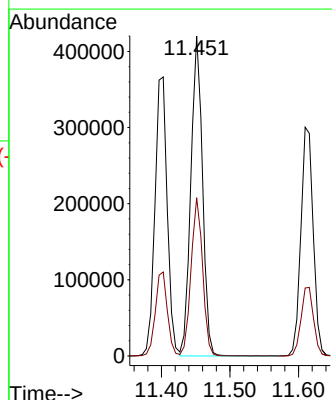
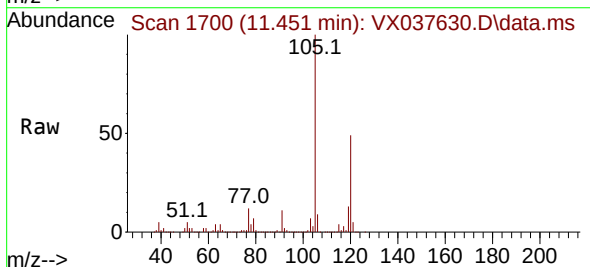
Acq: 09 Sep 2023 16:13

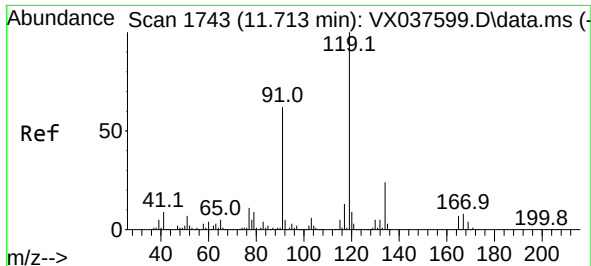
Tgt Ion: 105 Resp: 493844

Ion Ratio Lower Upper

105 100

120 49.0 24.1 72.3

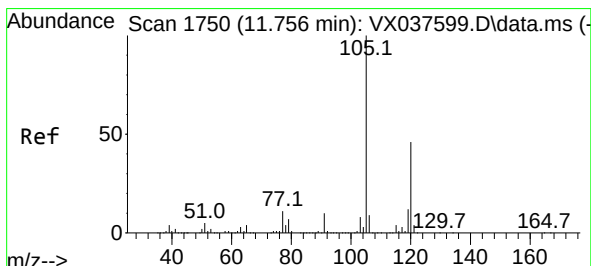
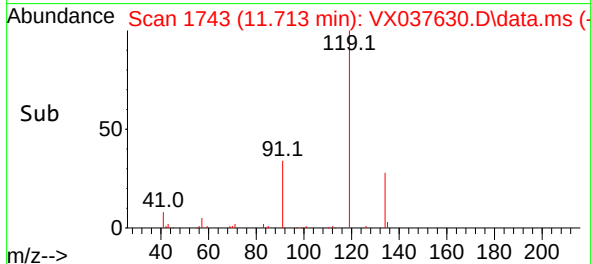
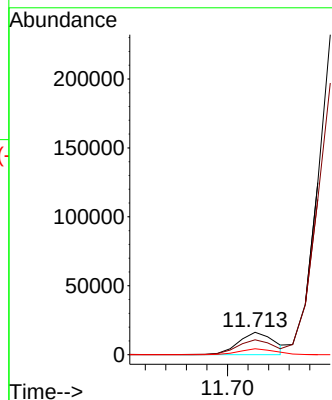
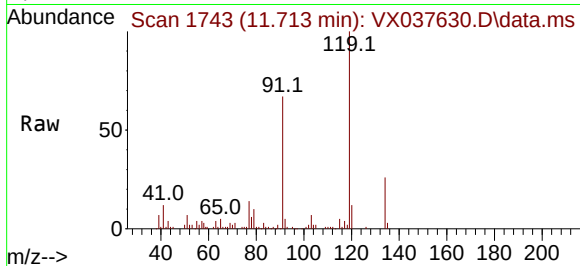




#83
tert-Butylbenzene
Concen: 3.001 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

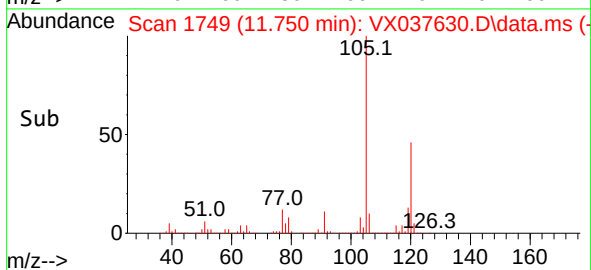
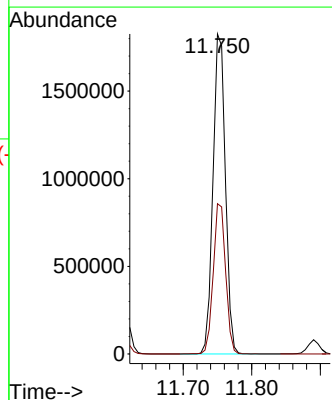
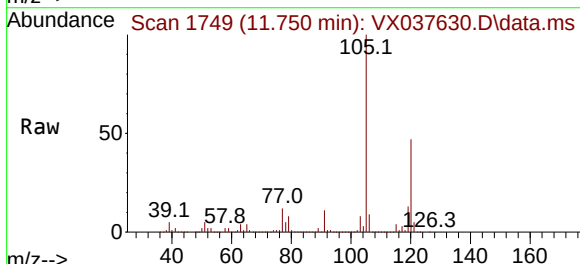
Instrument :
MSVOA_X
ClientSampleId :
NGTW2

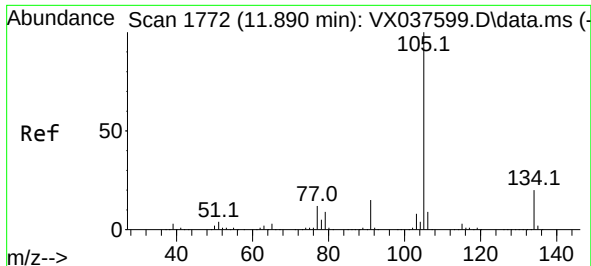
Tgt Ion:119 Resp: 19395
Ion Ratio Lower Upper
119 100
91 67.0 31.2 93.6
134 26.5 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 357.742 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VX037630.D
Acq: 09 Sep 2023 16:13

Tgt Ion:105 Resp: 2293017
Ion Ratio Lower Upper
105 100
120 47.0 21.2 63.6

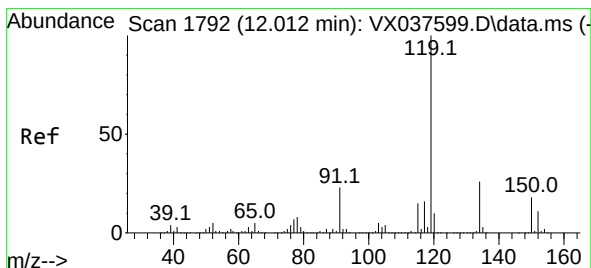
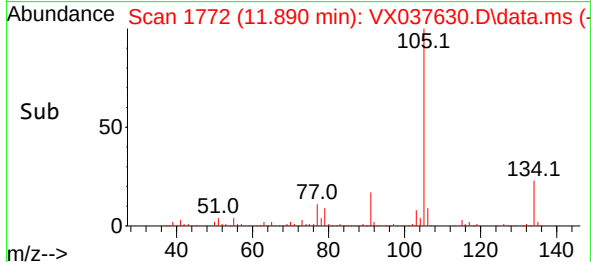
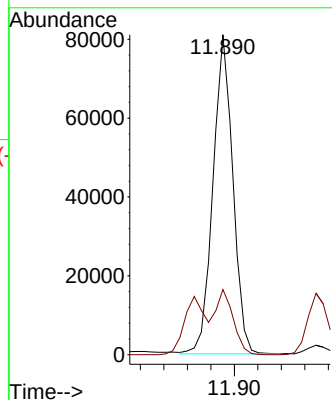
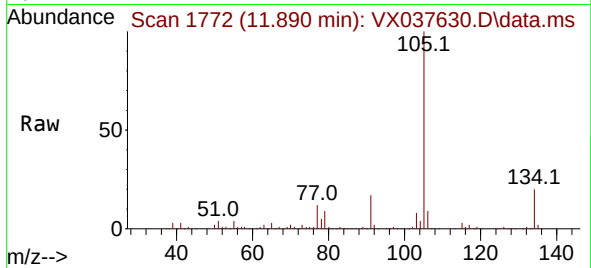




#85
 sec-Butylbenzene
 Concen: 12.207 ug/l
 RT: 11.890 min Scan# 1172
 Delta R.T. 0.000 min
 Lab File: VX037630.D
 Acq: 09 Sep 2023 16:13

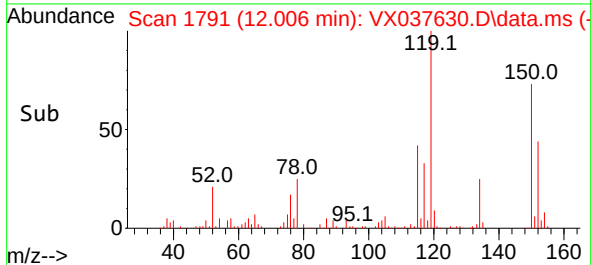
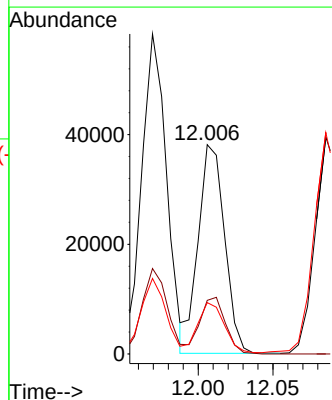
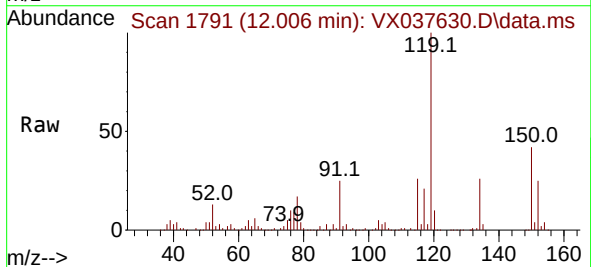
Instrument :
 MSVOA_X
 ClientSampleId :
 NGTW2

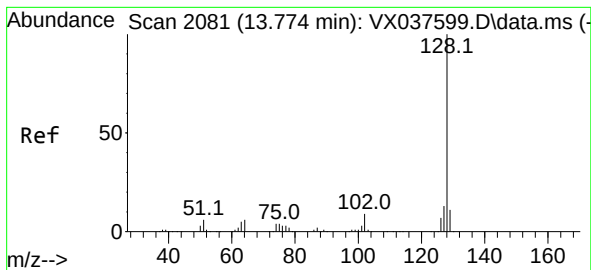
Tgt Ion:105 Resp: 95112
 Ion Ratio Lower Upper
 105 100
 134 18.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 7.062 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX037630.D
 Acq: 09 Sep 2023 16:13

Tgt Ion:119 Resp: 46605
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.8 38.3
 91 24.3 13.1 39.3





#95

Naphthalene

Concen: 9.555 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX037630.D

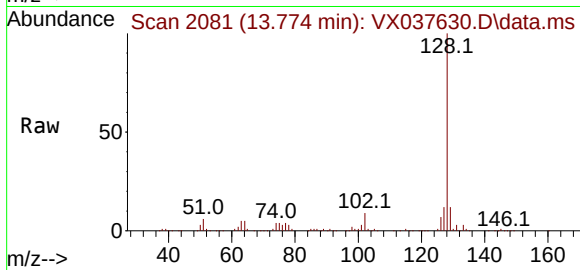
Acq: 09 Sep 2023 16:13

Instrument :

MSVOA_X

ClientSampleId :

NGTW2



Tgt Ion:128 Resp: 71588

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.8 8.8 13.2

