

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
 Data File : VX038413.D
 Acq On : 20 Oct 2023 19:22
 Operator : JC/MD
 Sample : 04991-01 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1021-1024

Quant Time: Oct 21 01:50:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

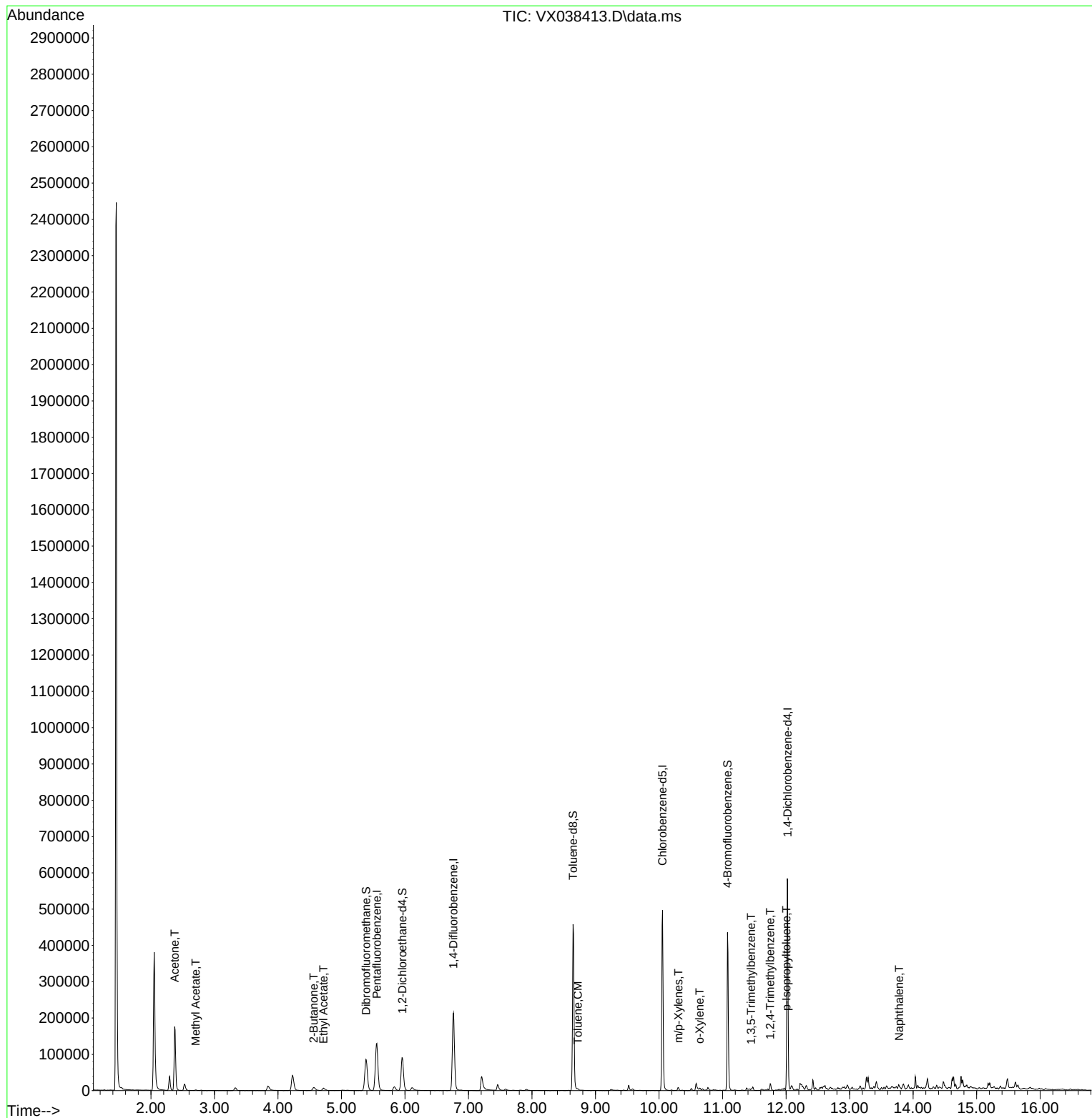
Internal Standards						
1) Pentafluorobenzene	5.556	168	124864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224763	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	233588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124569	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89390	44.509	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.385	113	74016	45.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.400%
50) Toluene-d8	8.647	98	283662	45.835	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.680%#
62) 4-Bromofluorobenzene	11.079	95	109225	46.554	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.100%
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	185094	220.827	ug/l	94
18) Methyl Acetate	2.703	43	2433	0.677	ug/l	93
25) 2-Butanone	4.562	43	8564	6.332	ug/l	97
37) Ethyl Acetate	4.715	43	11233	4.235	ug/l	95
52) Toluene	8.720	92	1043	0.256	ug/l	81
68) m/p-Xylenes	10.305	106	2080	0.617	ug/l	97
69) o-Xylene	10.640	106	960	0.292	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	1980	0.275	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	8740	1.216	ug/l	97
86) p-Isopropyltoluene	12.006	119	1899	0.252	ug/l #	70
95) Naphthalene	13.780	128	6560	0.713	ug/l	100

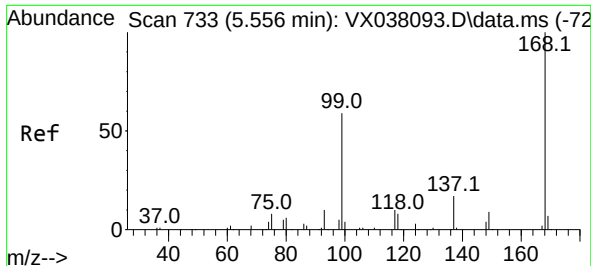
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102023\
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1021-1024

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Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration

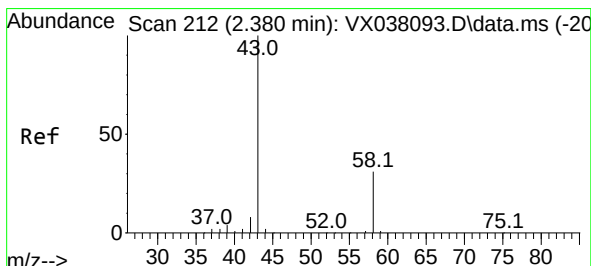
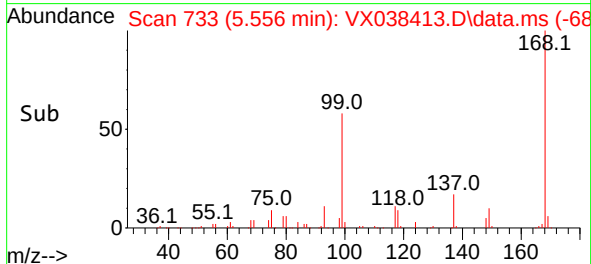
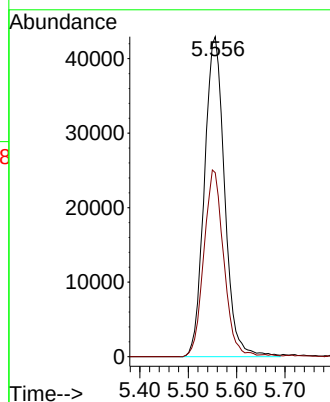
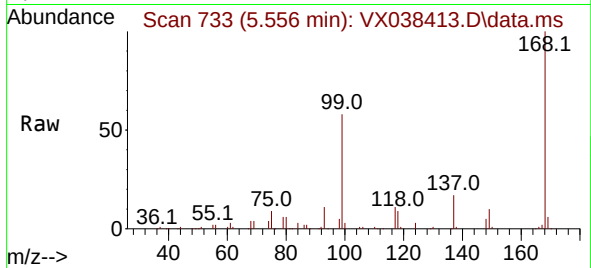




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

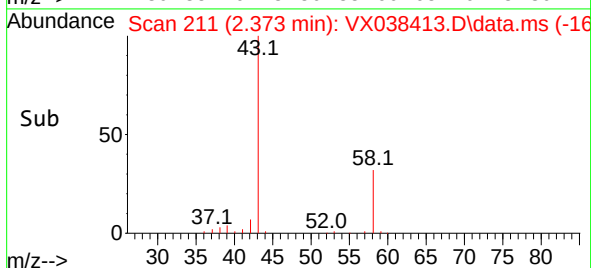
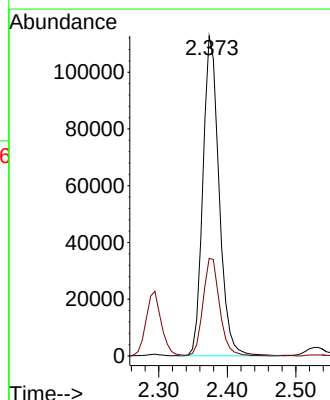
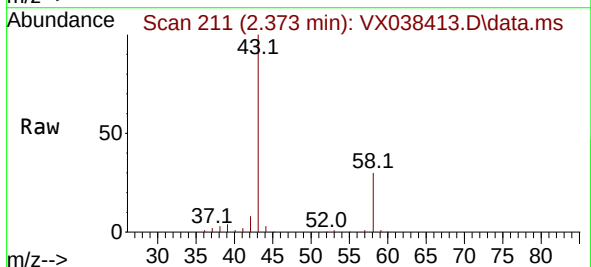
Instrument :
MSVOA_X
ClientSampleId :
1021-1024

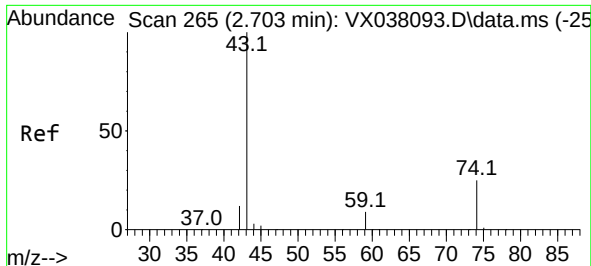
Tgt Ion:168 Resp: 124864
Ion Ratio Lower Upper
168 100
99 57.5 56.6 85.0



#16
Acetone
Concen: 220.827 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

Tgt Ion: 43 Resp: 185094
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9

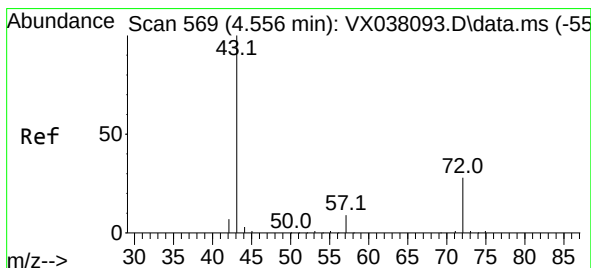
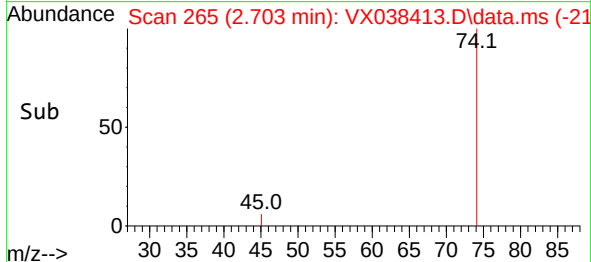
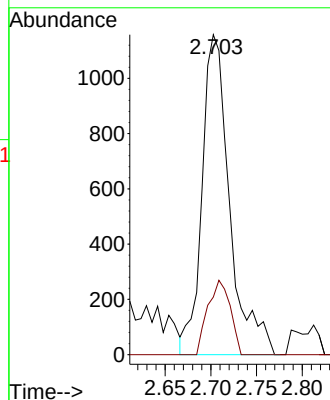
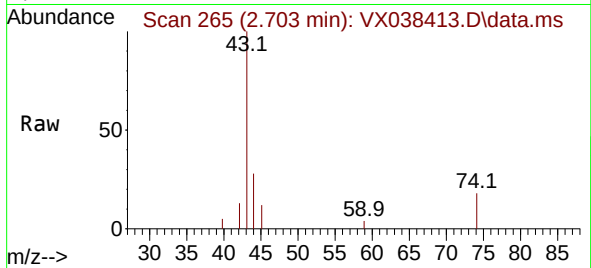




#18
Methyl Acetate
Concen: 0.677 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

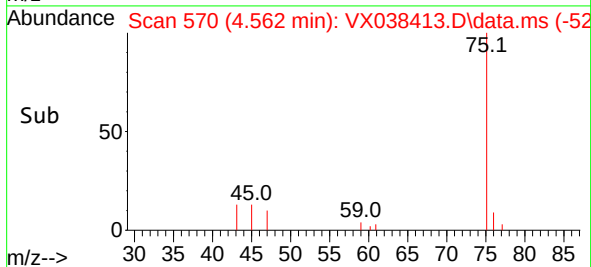
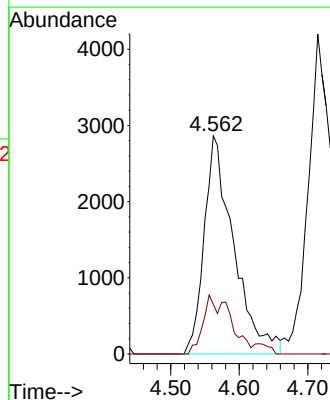
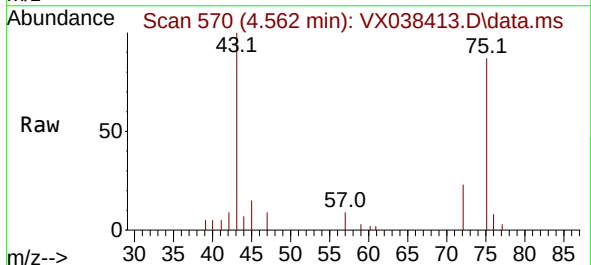
Instrument :
MSVOA_X
ClientSampleId :
1021-1024

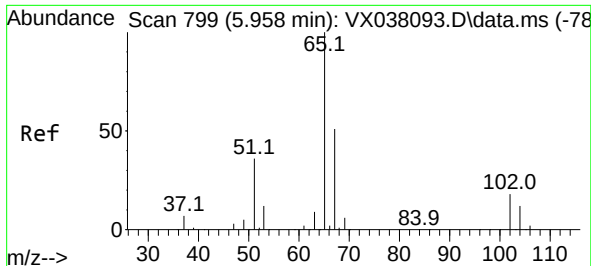
Tgt Ion: 43 Resp: 2433
Ion Ratio Lower Upper
43 100
74 18.8 17.8 26.8



#25
2-Butanone
Concen: 6.332 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

Tgt Ion: 43 Resp: 8564
Ion Ratio Lower Upper
43 100
72 22.7 19.4 29.2





#33

1,2-Dichloroethane-d4

Concen: 44.509 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX038413.D

Acq: 20 Oct 2023 19:22

Instrument :

MSVOA_X

ClientSampleId :

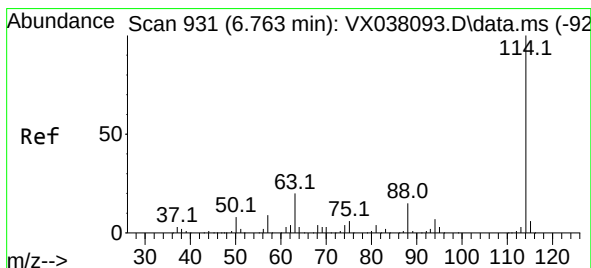
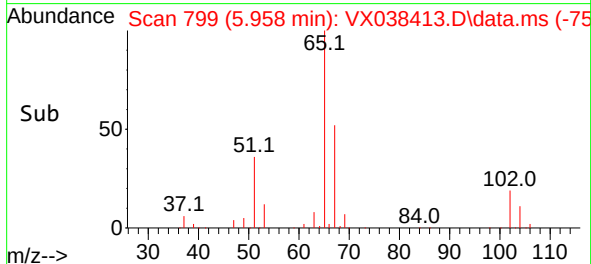
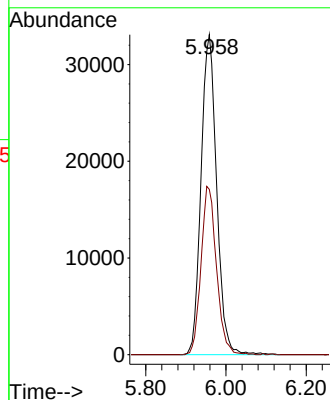
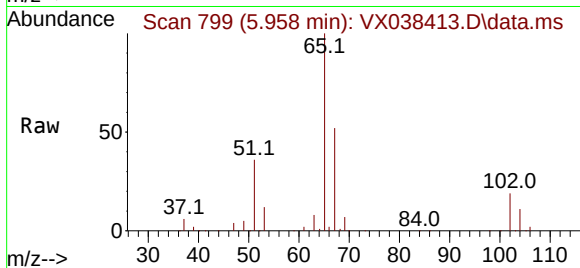
1021-1024

Tgt Ion: 65 Resp: 89390

Ion Ratio Lower Upper

65 100

67 52.1 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: VX038413.D

Acq: 20 Oct 2023 19:22

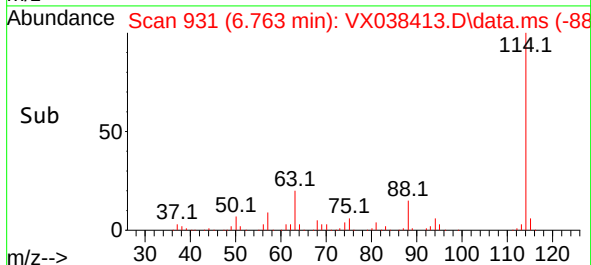
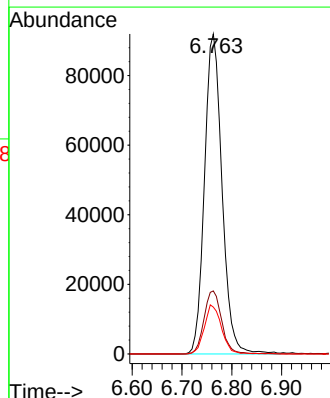
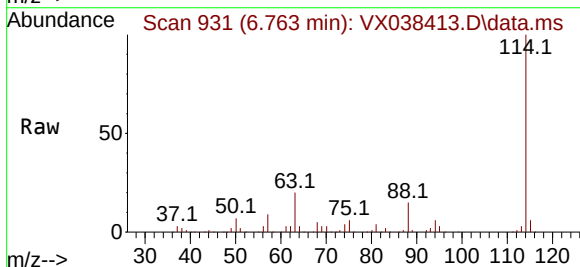
Tgt Ion: 114 Resp: 224763

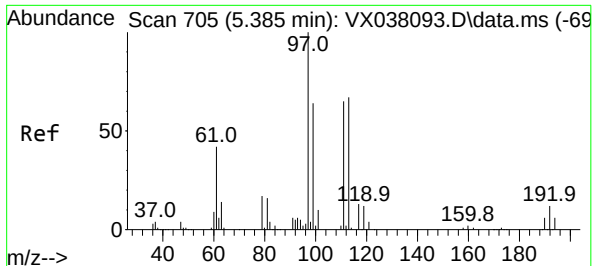
Ion Ratio Lower Upper

114 100

63 19.7 0.0 45.0

88 14.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.701 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX038413.D

Acq: 20 Oct 2023 19:22

Instrument :

MSVOA_X

ClientSampleId :

1021-1024

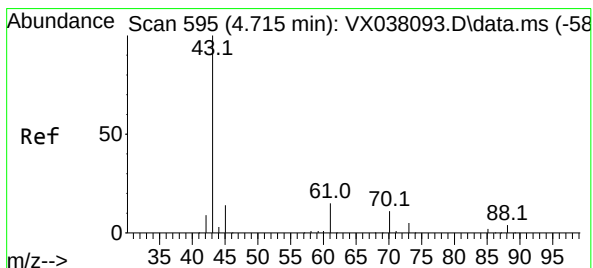
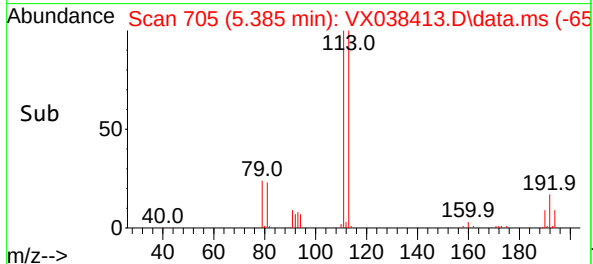
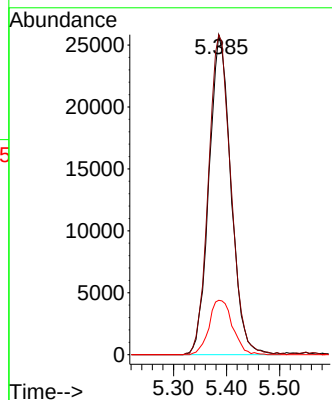
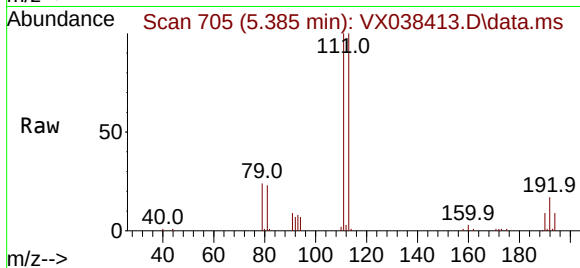
Tgt Ion:113 Resp: 74016

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.3 13.3 19.9



#37

Ethyl Acetate

Concen: 4.235 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX038413.D

Acq: 20 Oct 2023 19:22

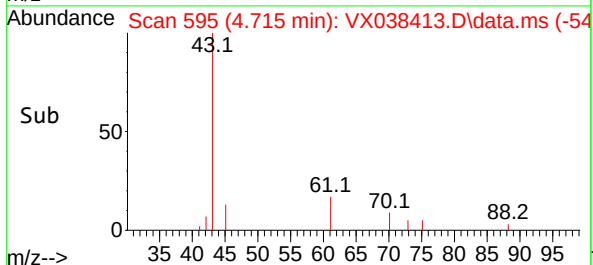
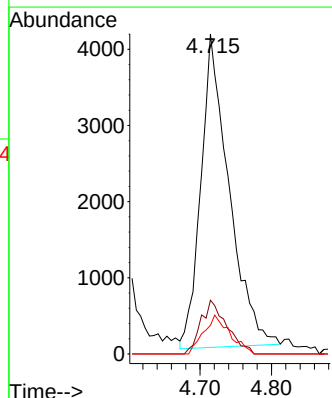
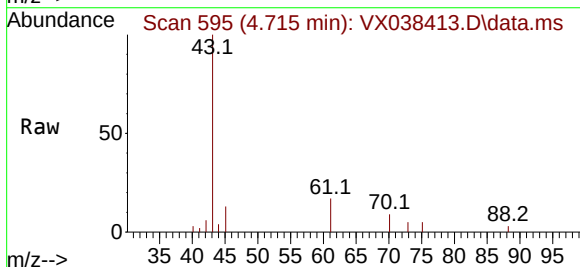
Tgt Ion: 43 Resp: 11233

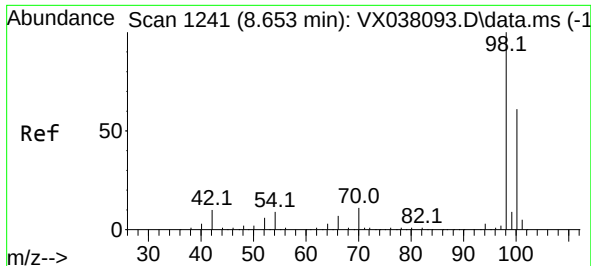
Ion Ratio Lower Upper

43 100

61 15.8 10.6 16.0

70 11.5 8.3 12.5

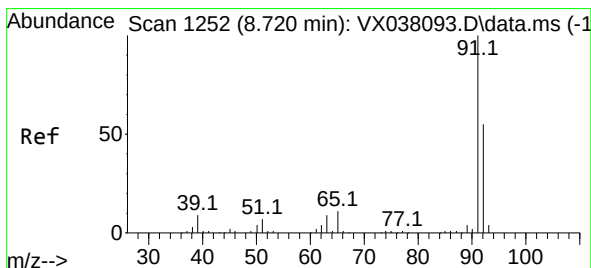
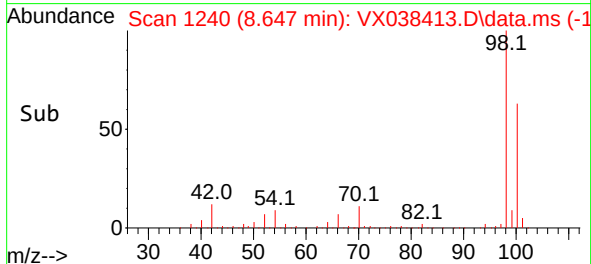
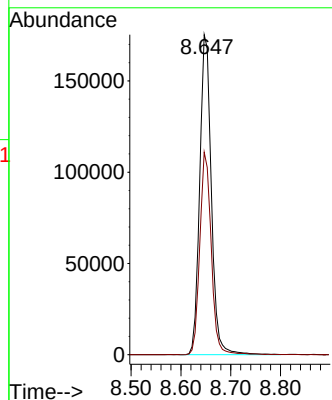
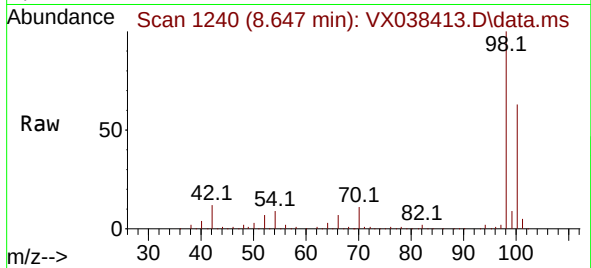




#50
Toluene-d8
Concen: 45.835 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

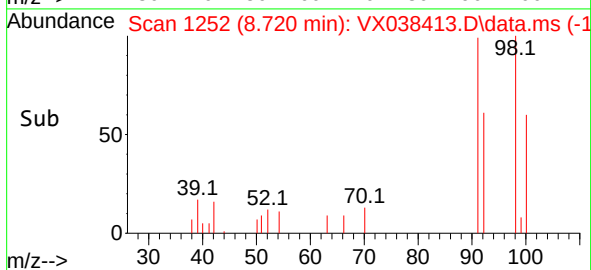
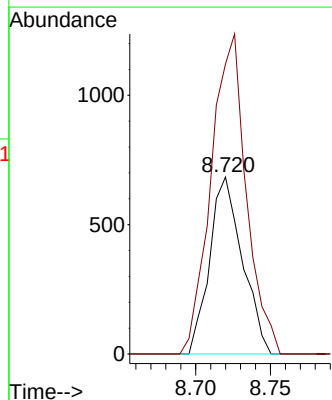
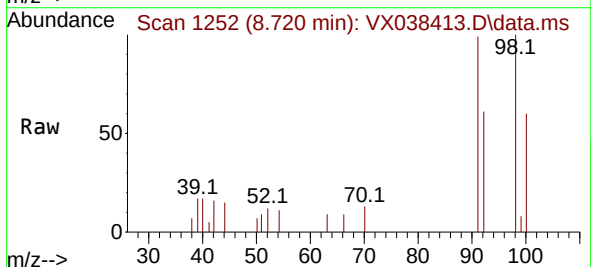
Instrument :
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1021-1024

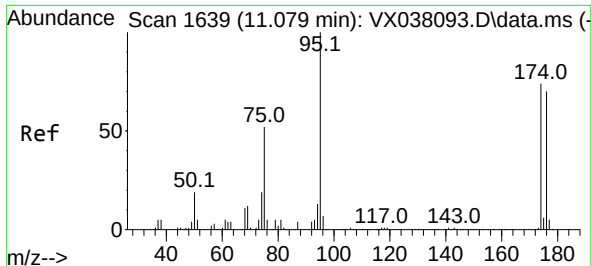
Tgt Ion: 98 Resp: 283662
Ion Ratio Lower Upper
98 100
100 62.6 53.1 79.7



#52
Toluene
Concen: 0.256 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

Tgt Ion: 92 Resp: 1043
Ion Ratio Lower Upper
92 100
91 194.2 134.2 201.2

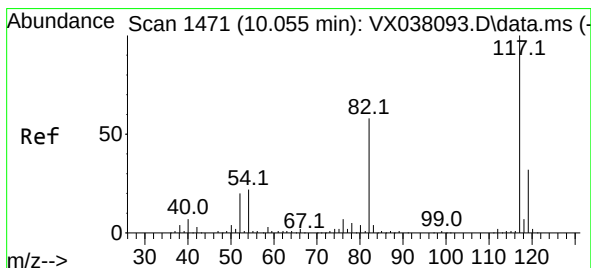
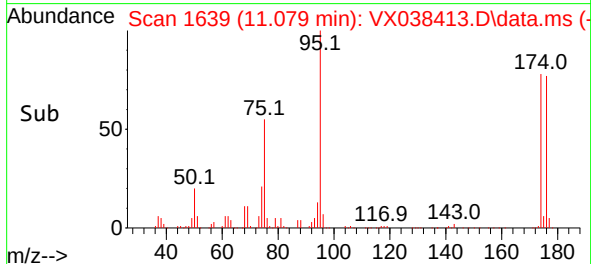
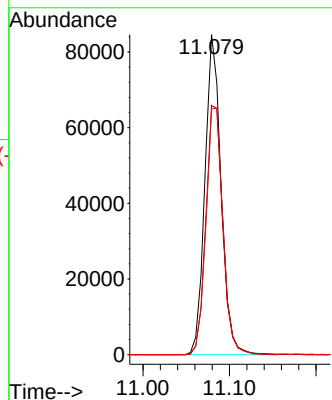
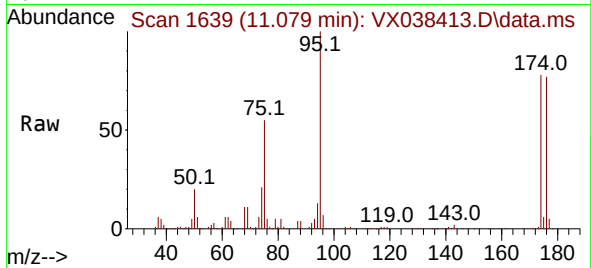




#62
4-Bromofluorobenzene
Concen: 46.554 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

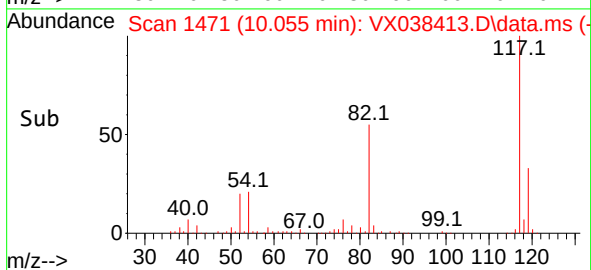
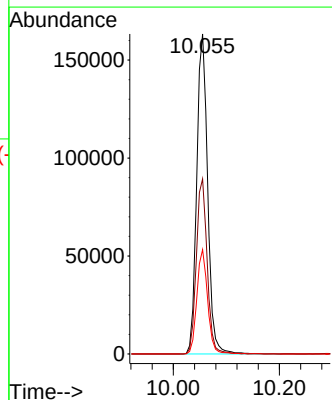
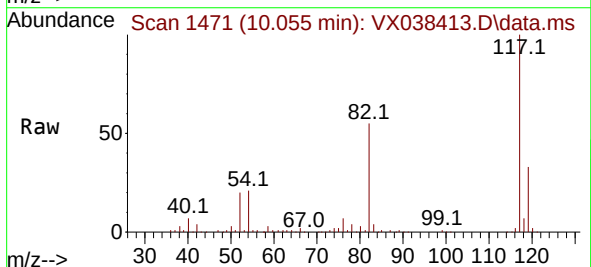
Instrument :
MSVOA_X
ClientSampleId :
1021-1024

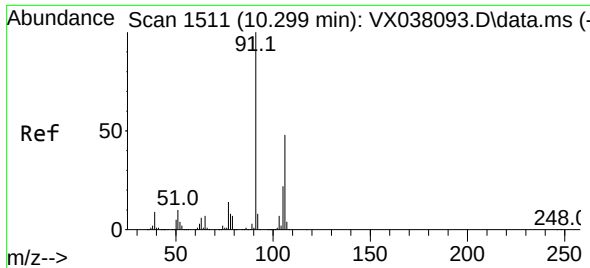
Tgt Ion: 95 Resp: 109225
Ion Ratio Lower Upper
95 100
174 82.3 0.0 135.6
176 81.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

Tgt Ion: 117 Resp: 233588
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.6 25.5 38.3

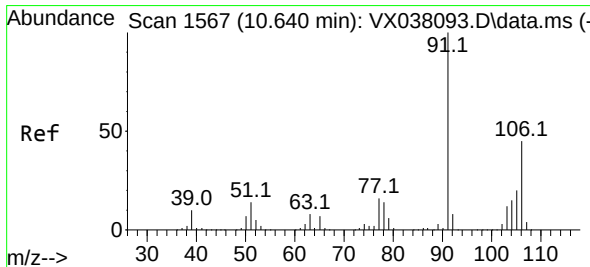
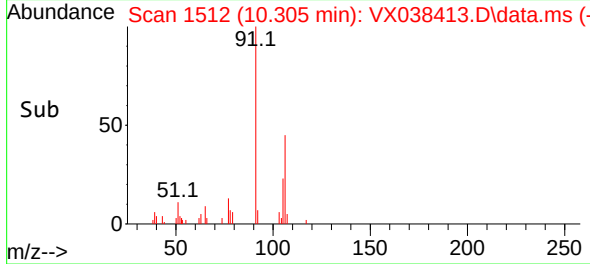
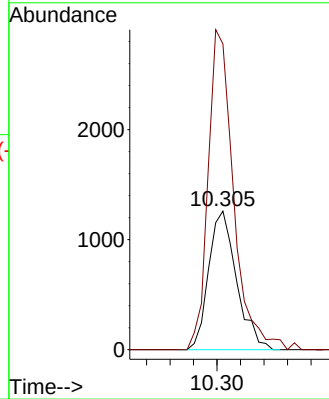
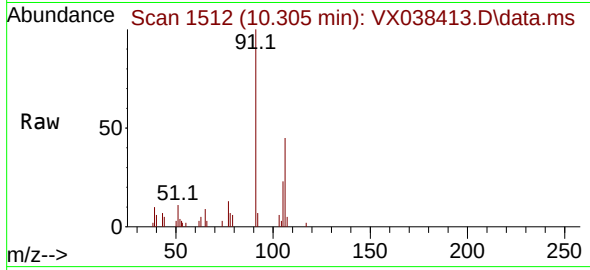




#68
m/p-Xylenes
Concen: 0.617 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

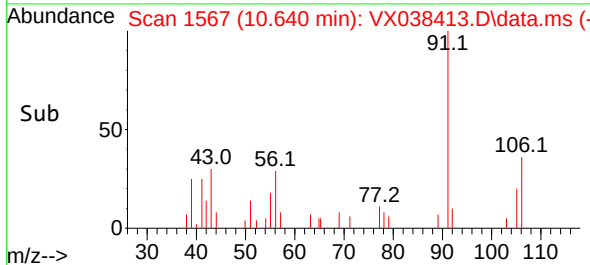
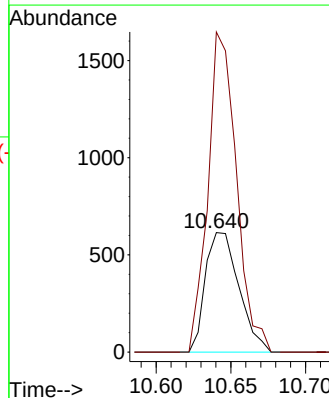
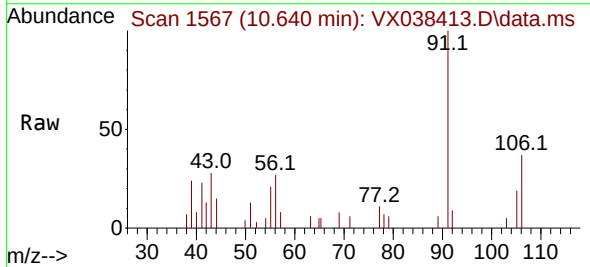
Instrument :
MSVOA_X
ClientSampleId :
1021-1024

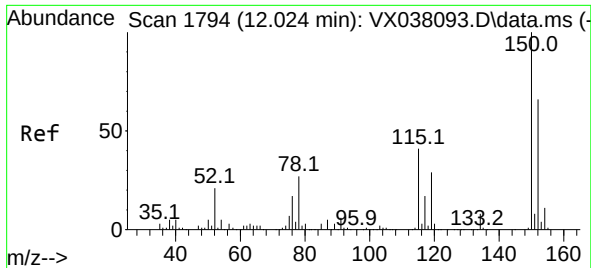
Tgt Ion:106 Resp: 2080
Ion Ratio Lower Upper
106 100
91 211.1 165.5 248.3



#69
o-Xylene
Concen: 0.292 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

Tgt Ion:106 Resp: 960
Ion Ratio Lower Upper
106 100
91 228.3 108.9 326.8

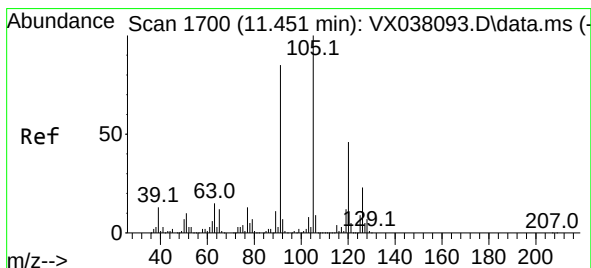
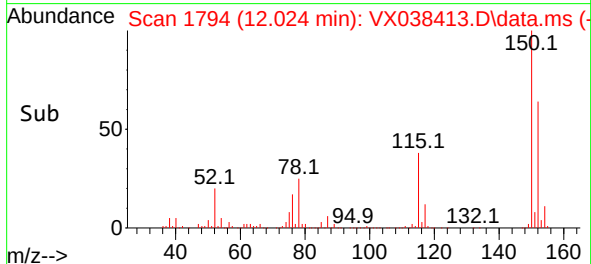
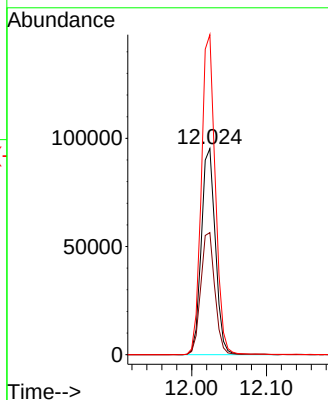
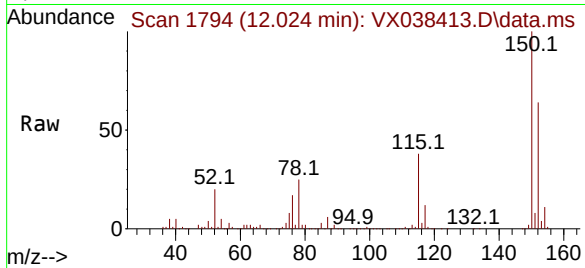




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038413.D
 Acq: 20 Oct 2023 19:22

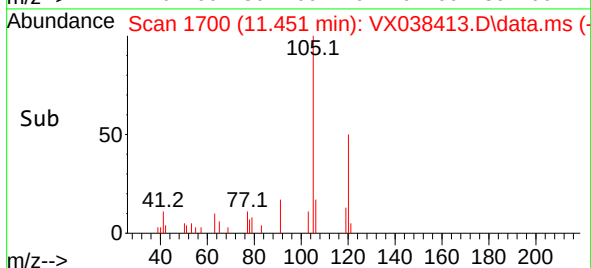
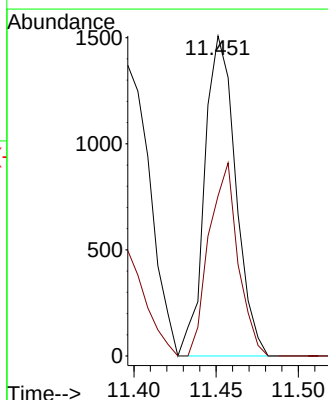
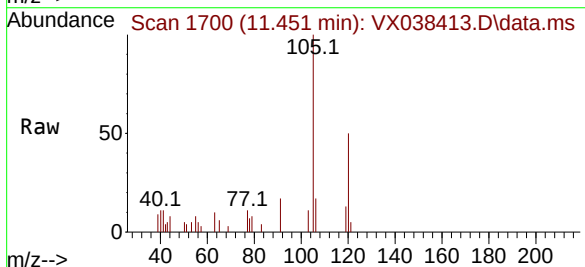
Instrument :
 MSVOA_X
 ClientSampleId :
 1021-1024

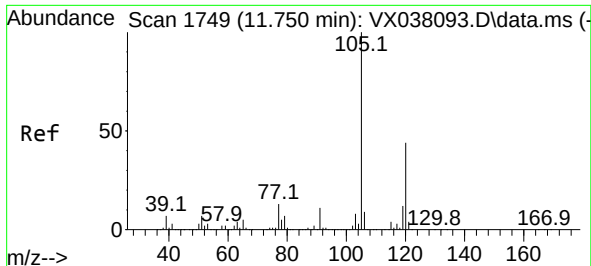
Tgt Ion:152 Resp: 124569
 Ion Ratio Lower Upper
 152 100
 115 59.5 43.3 129.9
 150 154.6 0.0 345.0



#80
 1,3,5-Trimethylbenzene
 Concen: 0.275 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX038413.D
 Acq: 20 Oct 2023 19:22

Tgt Ion:105 Resp: 1980
 Ion Ratio Lower Upper
 105 100
 120 56.4 24.1 72.3

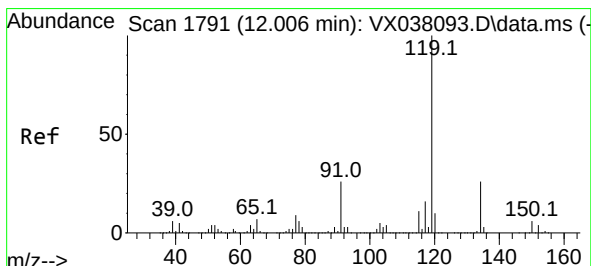
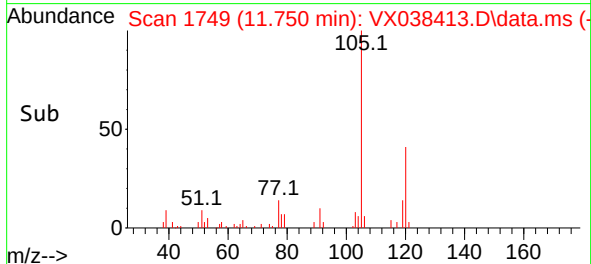
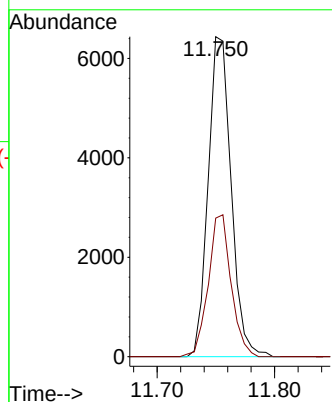
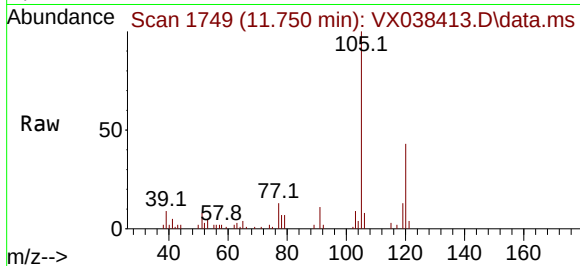




#84
1,2,4-Trimethylbenzene
Concen: 1.216 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

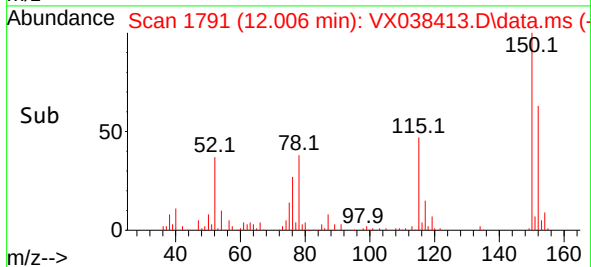
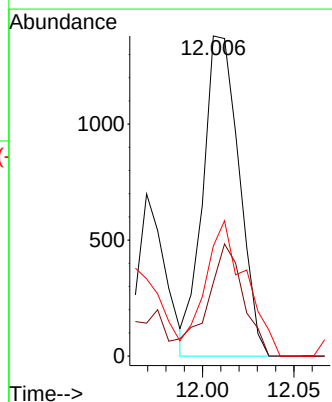
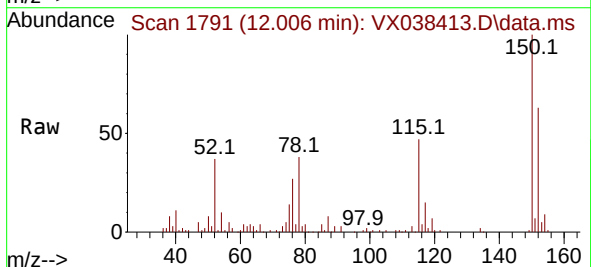
Instrument :
MSVOA_X
ClientSampleId :
1021-1024

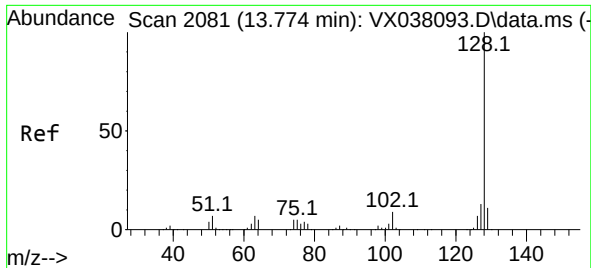
Tgt Ion:105 Resp: 8740
Ion Ratio Lower Upper
105 100
120 44.1 21.2 63.6



#86
p-Isopropyltoluene
Concen: 0.252 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

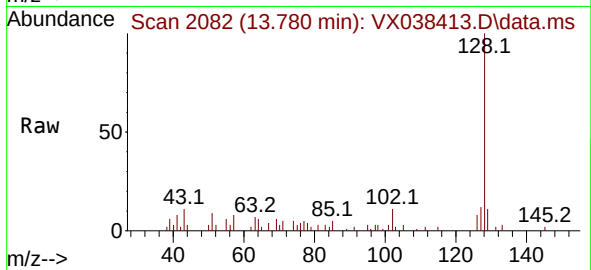
Tgt Ion:119 Resp: 1899
Ion Ratio Lower Upper
119 100
134 34.1 12.8 38.3
91 47.6 13.1 39.3#





#95
Naphthalene
Concen: 0.713 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX038413.D
Acq: 20 Oct 2023 19:22

Instrument :
MSVOA_X
ClientSampleId :
1021-1024



Tgt Ion:128 Resp: 6560
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.8 13.2

