

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080423\
 Data File : VX036821.D
 Acq On : 04 Aug 2023 19:30
 Operator : JC/MD
 Sample : 03887-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP4

Quant Time: Aug 04 23:10:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

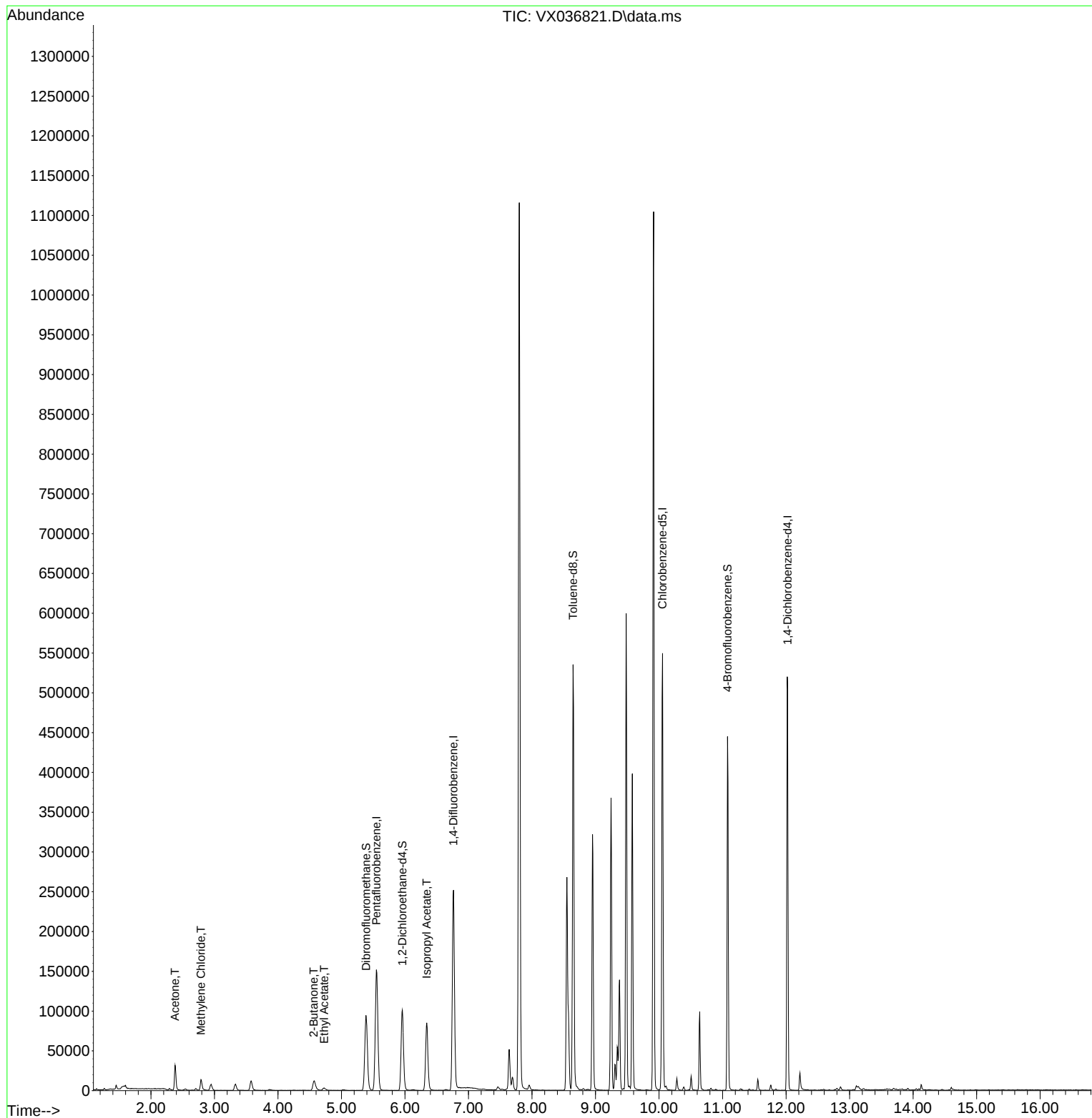
Internal Standards						
1) Pentafluorobenzene	5.550	168	139991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256464	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	243083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99130	47.857	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.720%
35) Dibromofluoromethane	5.385	113	83210	47.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.400%
50) Toluene-d8	8.647	98	310484	49.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.340%
62) 4-Bromofluorobenzene	11.079	95	119466	50.654	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.300%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	32772	38.127	ug/l	93
20) Methylene Chloride	2.788	84	6844	3.580	ug/l	93
25) 2-Butanone	4.562	43	15912	11.410	ug/l	93
37) Ethyl Acetate	4.727	43	5164	1.736	ug/l	99
43) Isopropyl Acetate	6.342	43	116768	22.810	ug/l #	95

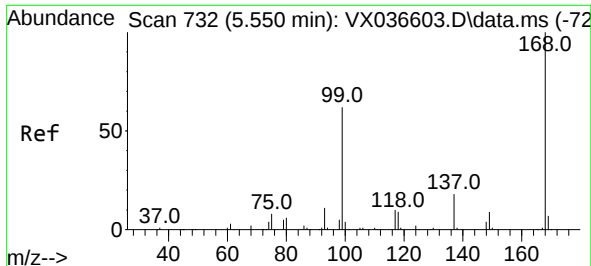
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 21 12:14:12 2023
Response via : Initial Calibration

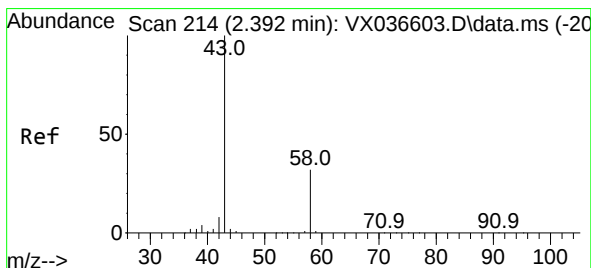
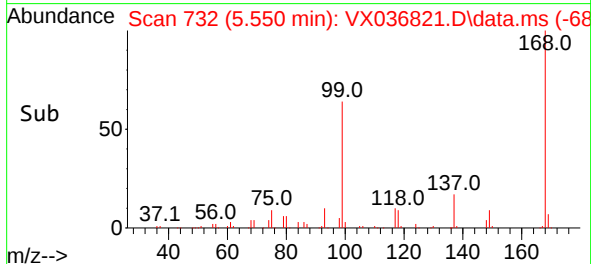
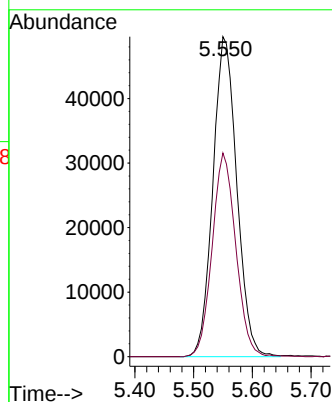
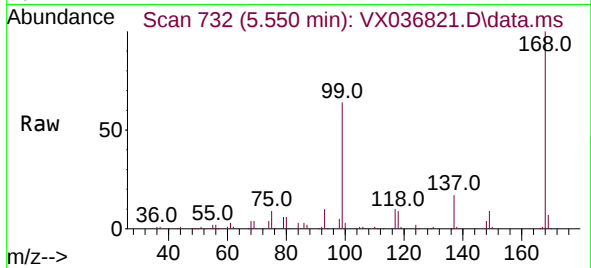




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036821.D
Acq: 04 Aug 2023 19:30

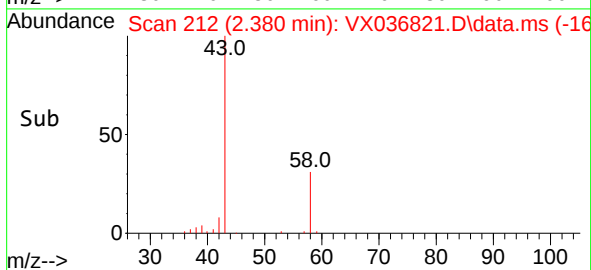
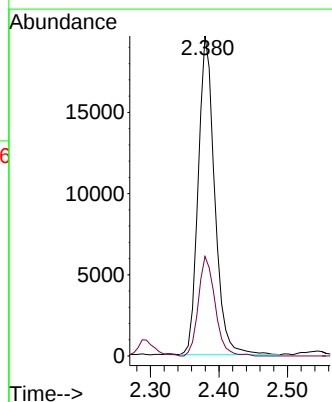
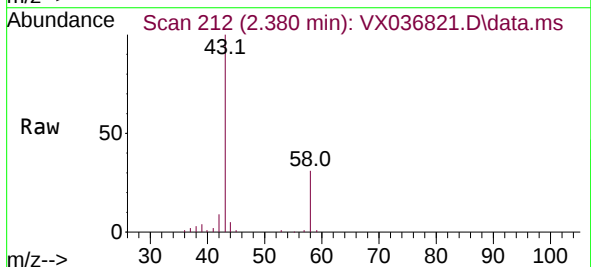
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP4

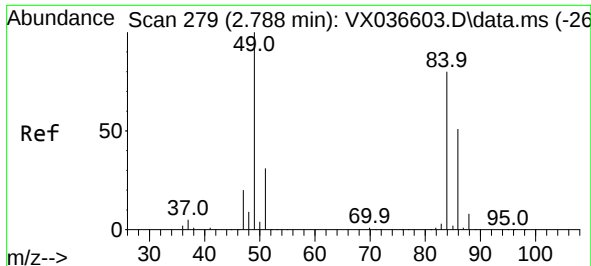
Tgt Ion:168 Resp: 139991
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#16
Acetone
Concen: 38.127 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036821.D
Acq: 04 Aug 2023 19:30

Tgt Ion: 43 Resp: 32772
Ion Ratio Lower Upper
43 100
58 31.2 21.9 32.9





#20

Methylene Chloride

Concen: 3.580 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX036821.D

Acq: 04 Aug 2023 19:30

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP4

Tgt Ion: 84 Resp: 6844

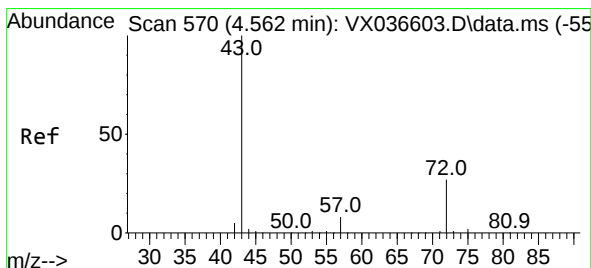
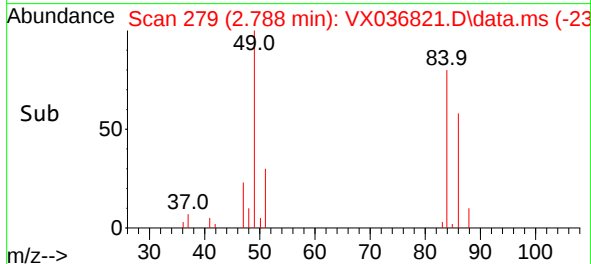
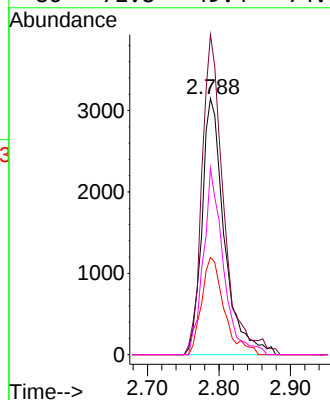
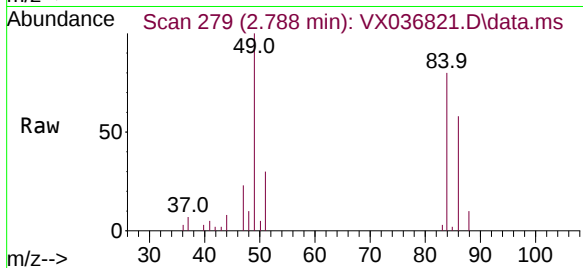
Ion Ratio Lower Upper

84 100

49 124.9 103.6 155.4

51 38.0 33.8 50.6

86 72.8 49.4 74.0



#25

2-Butanone

Concen: 11.410 ug/l

RT: 4.562 min Scan# 570

Delta R.T. -0.000 min

Lab File: VX036821.D

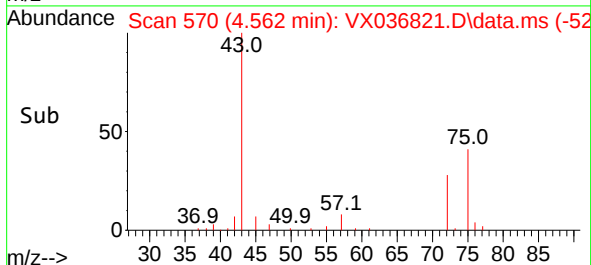
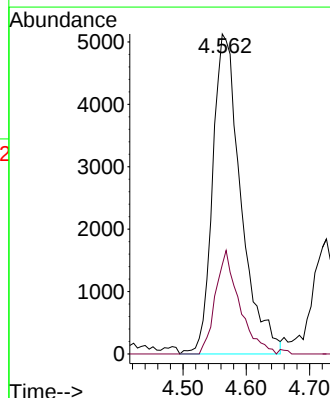
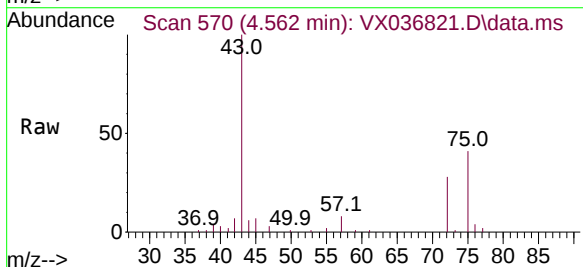
Acq: 04 Aug 2023 19:30

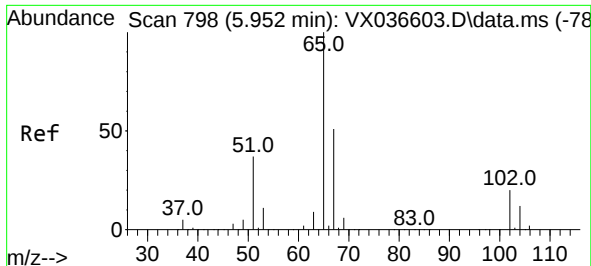
Tgt Ion: 43 Resp: 15912

Ion Ratio Lower Upper

43 100

72 27.9 19.4 29.2

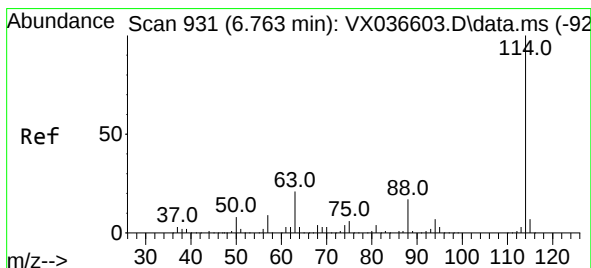
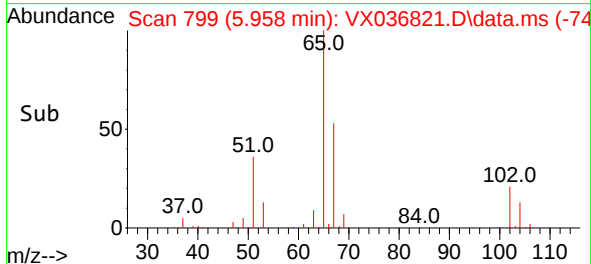
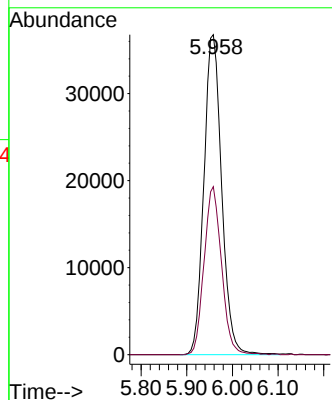
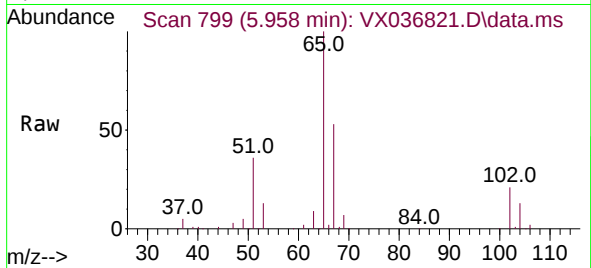




#33
 1,2-Dichloroethane-d4
 Concen: 47.857 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036821.D
 Acq: 04 Aug 2023 19:30

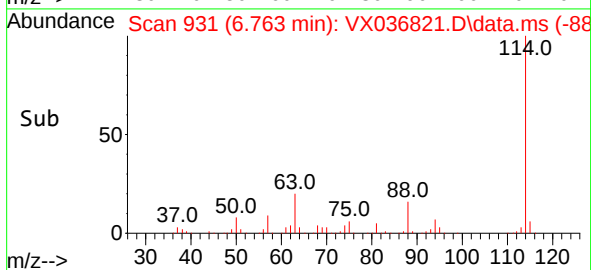
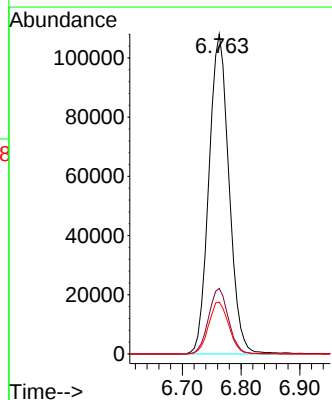
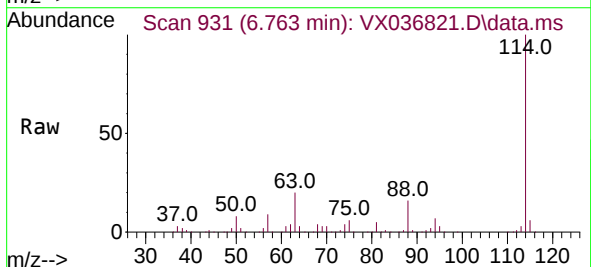
Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP4

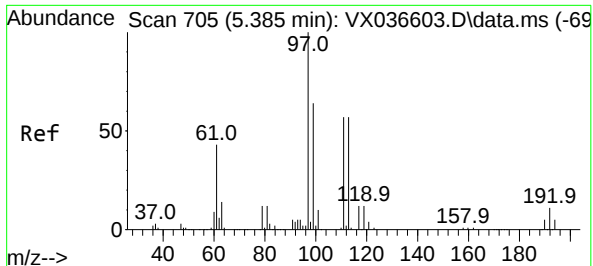
Tgt Ion: 65 Resp: 99130
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX036821.D
 Acq: 04 Aug 2023 19:30

Tgt Ion: 114 Resp: 256464
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 45.0
 88 16.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.204 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX036821.D

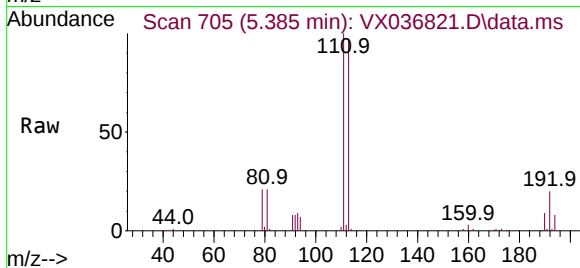
Acq: 04 Aug 2023 19:30

Instrument :

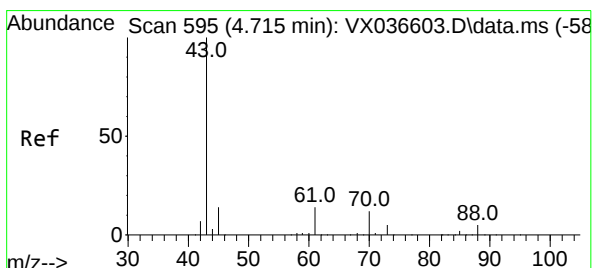
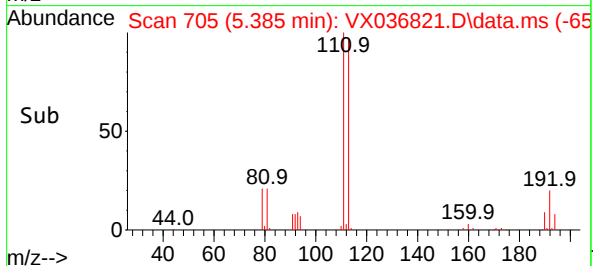
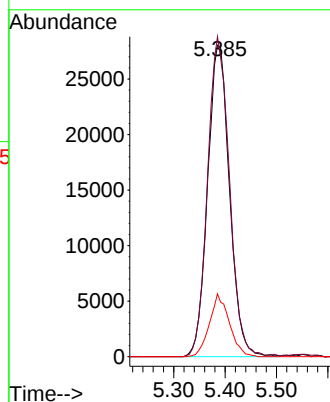
MSVOA_X

ClientSampleId :

MCLEAN-TP4



Tgt Ion:	113	Resp:	83210
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	18.3	13.3	19.9



#37

Ethyl Acetate

Concen: 1.736 ug/l

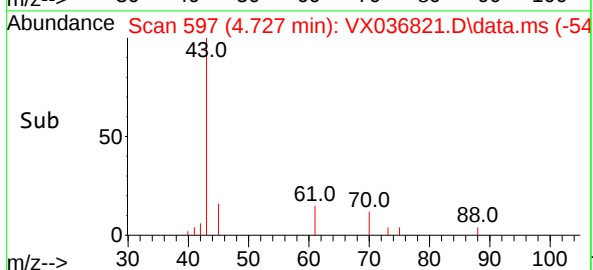
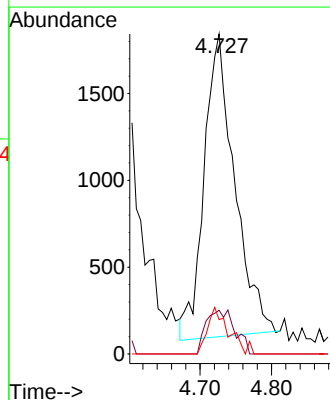
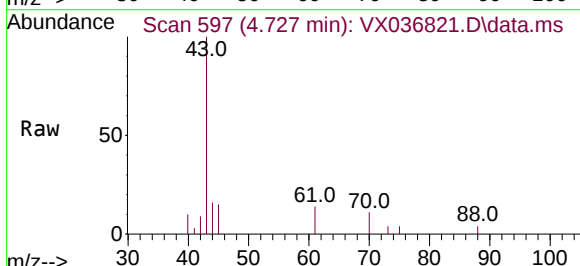
RT: 4.727 min Scan# 597

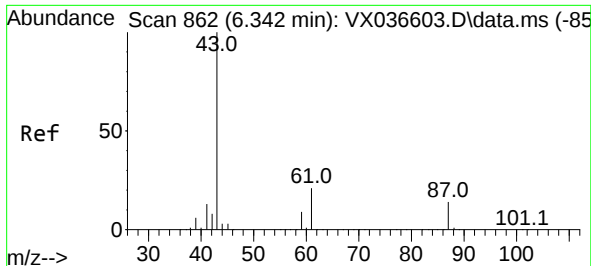
Delta R.T. 0.012 min

Lab File: VX036821.D

Acq: 04 Aug 2023 19:30

Tgt Ion:	43	Resp:	5164
Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.6	16.0
70	10.2	8.3	12.5

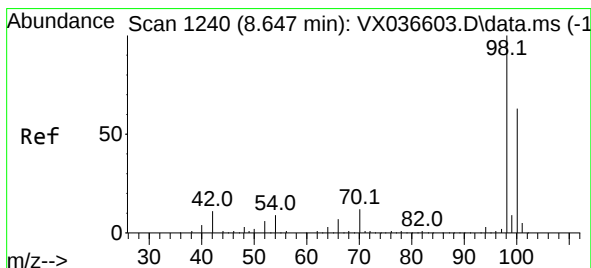
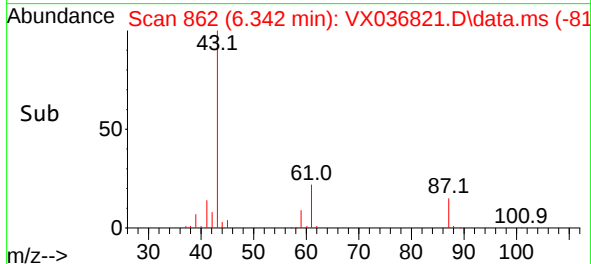
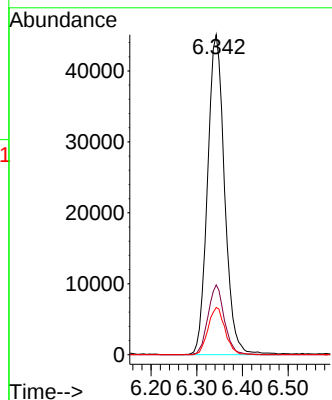
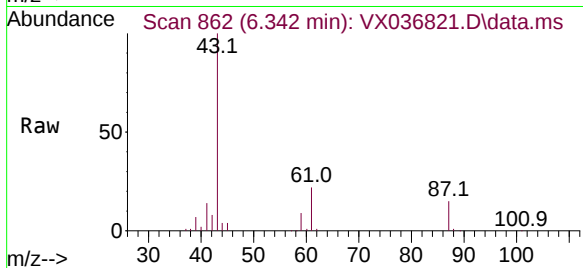




#43
Isopropyl Acetate
Concen: 22.810 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX036821.D
Acq: 04 Aug 2023 19:30

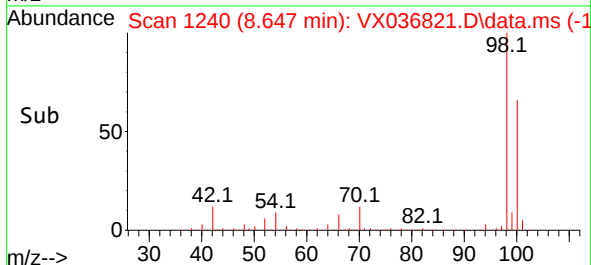
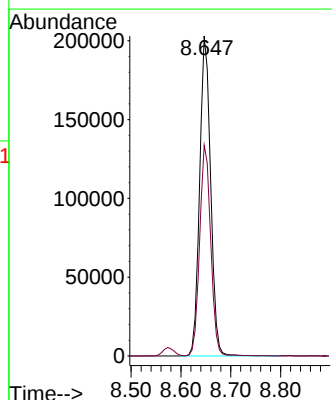
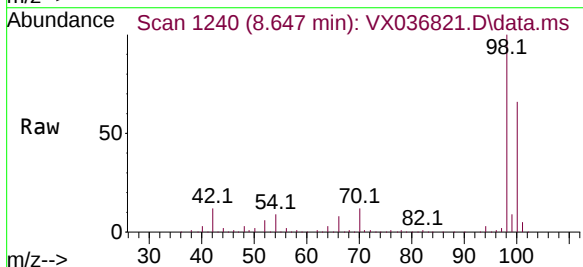
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP4

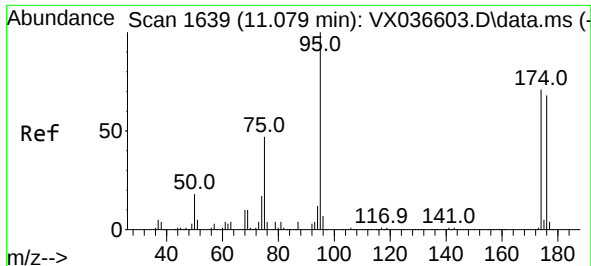
Tgt Ion: 43 Resp: 116768
Ion Ratio Lower Upper
43 100
61 20.9 15.2 22.8
87 14.7 9.8 14.6#



#50
Toluene-d8
Concen: 49.667 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX036821.D
Acq: 04 Aug 2023 19:30

Tgt Ion: 98 Resp: 310484
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

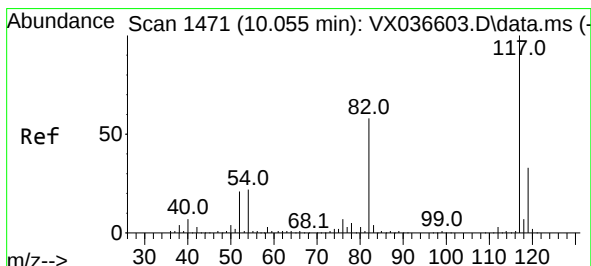
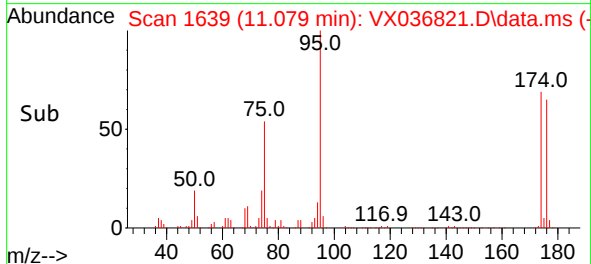
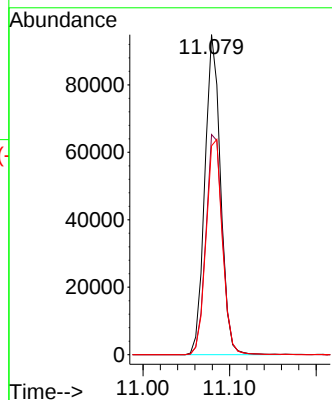
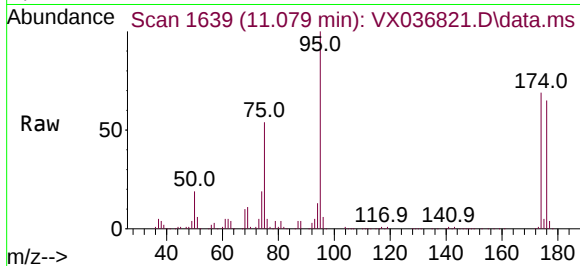




#62
4-Bromofluorobenzene
Concen: 50.654 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX036821.D
Acq: 04 Aug 2023 19:30

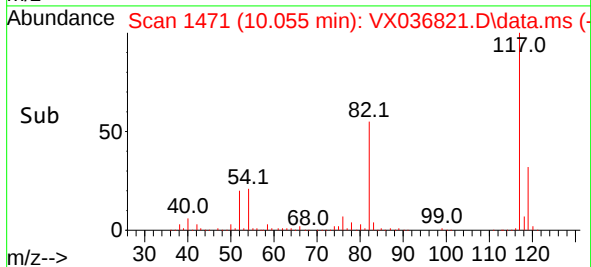
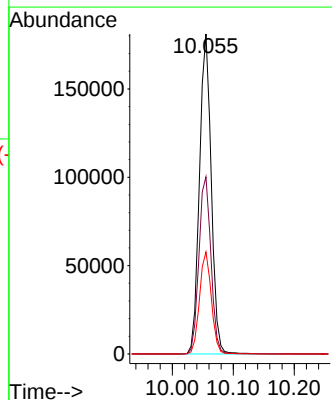
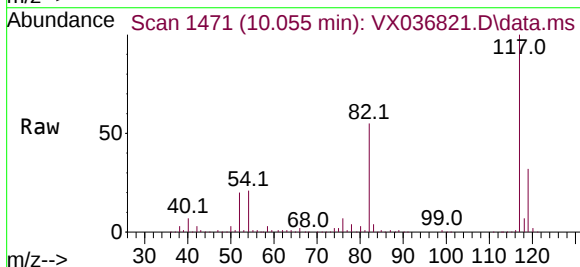
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP4

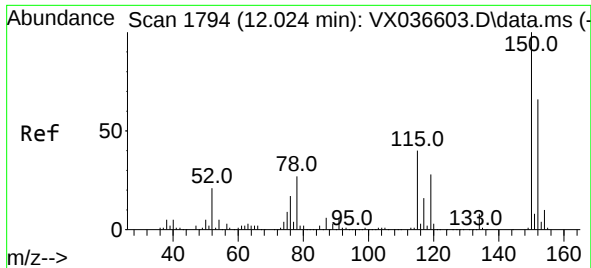
Tgt Ion: 95 Resp: 119466
Ion Ratio Lower Upper
95 100
174 72.6 0.0 135.6
176 70.2 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036821.D
Acq: 04 Aug 2023 19:30

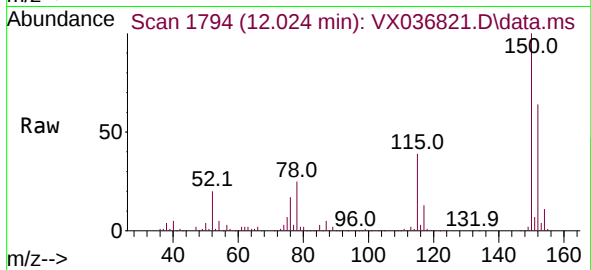
Tgt Ion: 117 Resp: 243083
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 31.9 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX036821.D
 Acq: 04 Aug 2023 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP4



Tgt Ion:152 Resp: 109050
 Ion Ratio Lower Upper
 152 100
 115 63.3 43.3 129.9
 150 158.1 0.0 345.0

