

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
 Data File : VX036847.D
 Acq On : 07 Aug 2023 19:17
 Operator : JC/MD
 Sample : 03887-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP9

Quant Time: Aug 08 01:40:45 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2023
 Supervised By : Mahesh Dadoda 08/08/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	136128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	248579	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	94571	46.952	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.900%		
35) Dibromofluoromethane	5.385	113	79958	46.798	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.600%		
50) Toluene-d8	8.647	98	302756	49.968	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.940%		
62) 4-Bromofluorobenzene	11.079	95	117846	51.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.100%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	32085	38.387	ug/l	93
18) Methyl Acetate	2.709	43	2192	0.623	ug/l	95
20) Methylene Chloride	2.788	84	5040	2.711	ug/l	89
25) 2-Butanone	4.568	43	14730	10.862	ug/l	93
37) Ethyl Acetate	4.733	43	5781	2.006	ug/l	96
43) Isopropyl Acetate	6.342	43	100106	20.176	ug/l	95
51) 4-Methyl-2-Pentanone	8.568	43	40242m	14.656	ug/l	

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

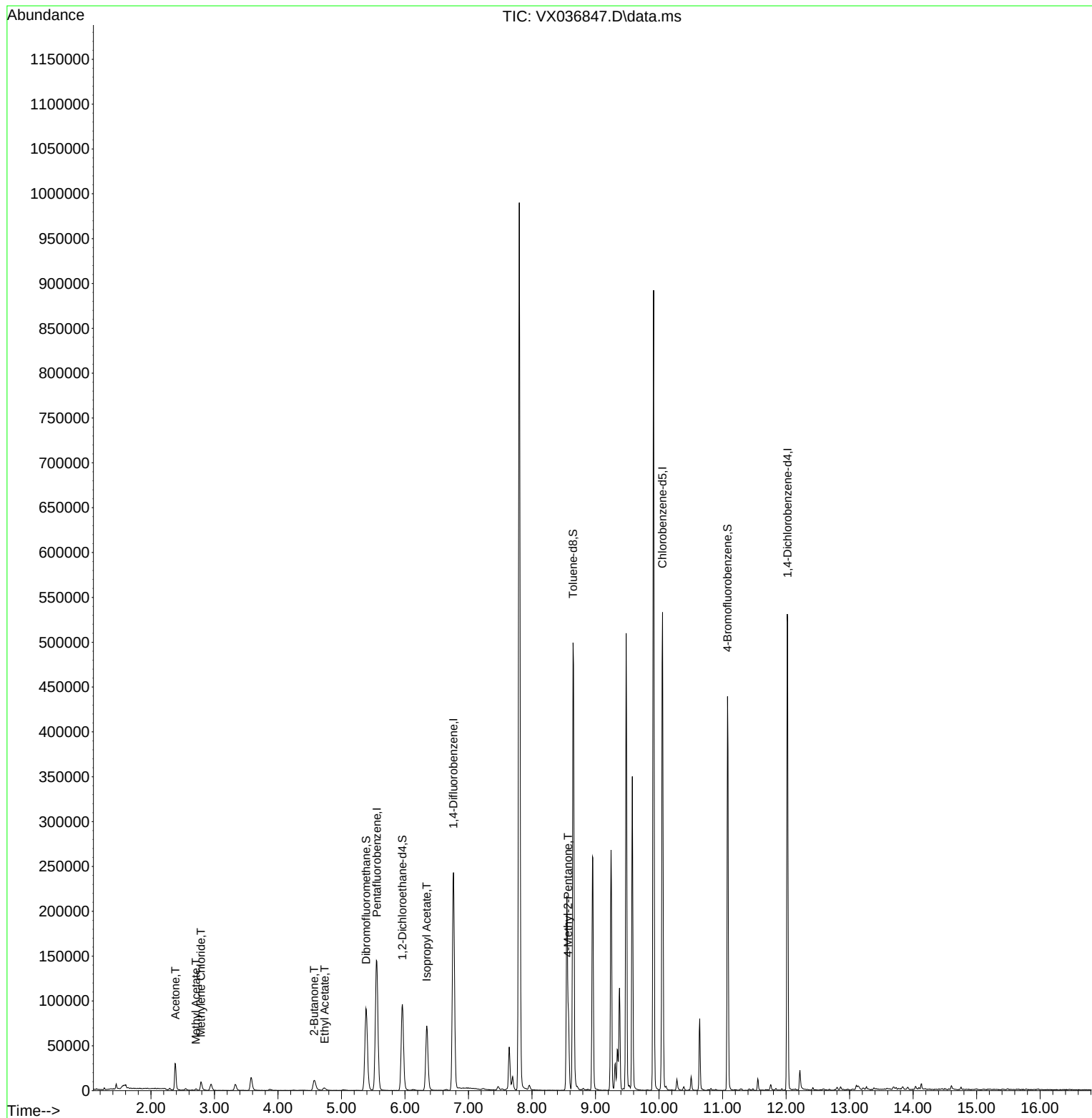
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080723\
Data File : VX036847.D
Acq On : 07 Aug 2023 19:17
Operator : JC/MD
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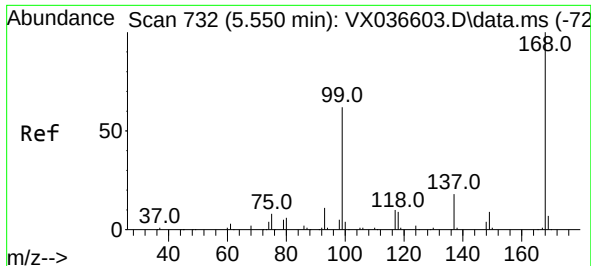
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP9

Quant Time: Aug 08 01:40:45 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

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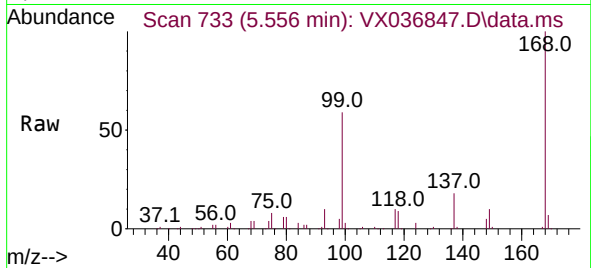
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

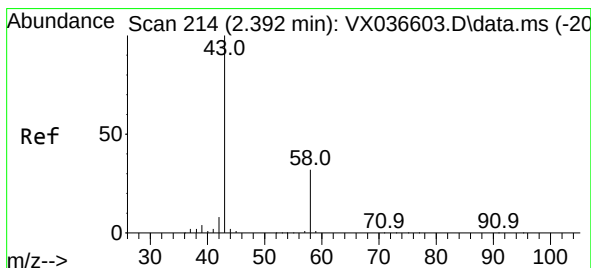
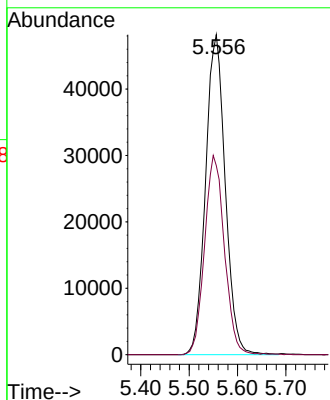
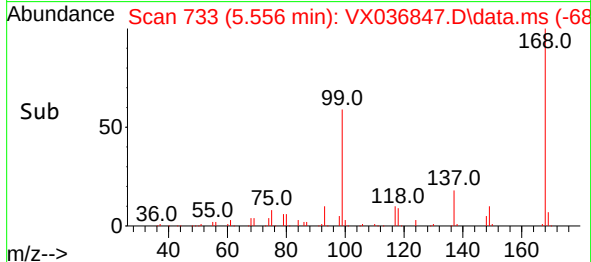
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP9



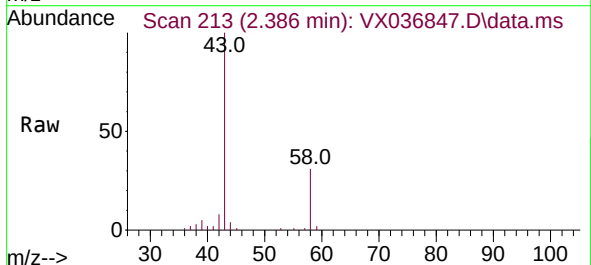
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Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0

Manual Integrations
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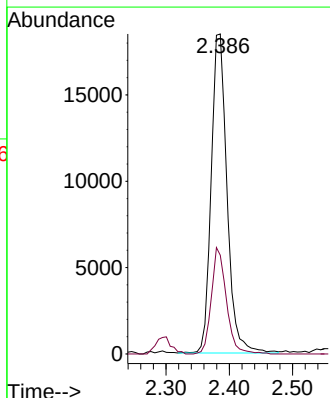
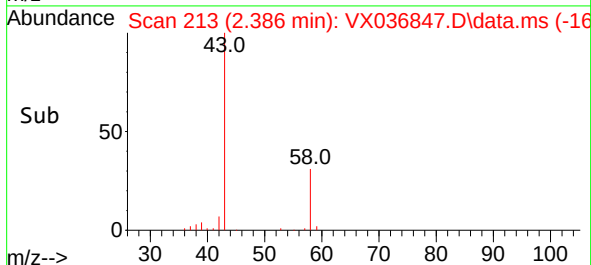
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

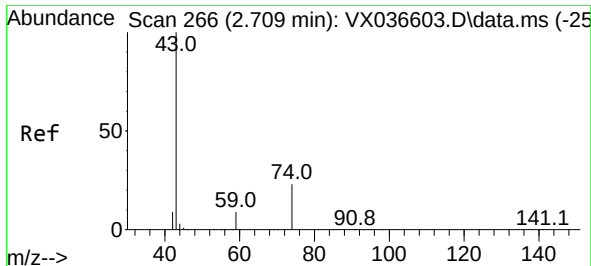


#16
Acetone
Concen: 38.387 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17



Tgt Ion: 43 Resp: 32085
Ion Ratio Lower Upper
43 100
58 31.0 21.9 32.9





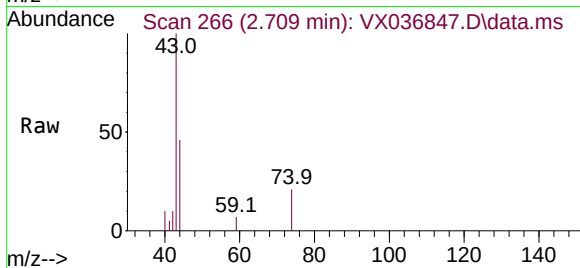
#18
Methyl Acetate
Concen: 0.623 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP9

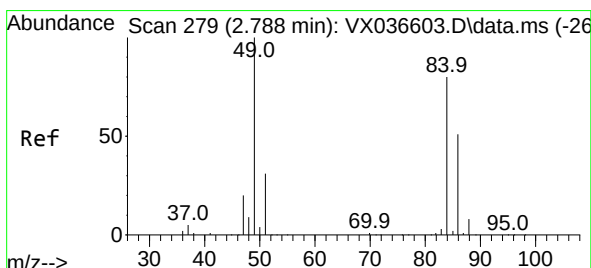
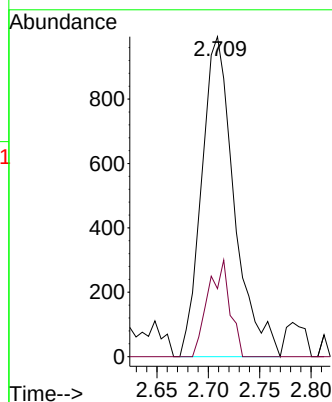
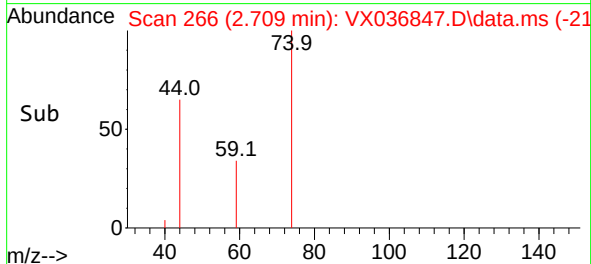


Tgt Ion: 43 Resp: 2192
Ion Ratio Lower Upper
43 100
74 20.1 17.8 26.8

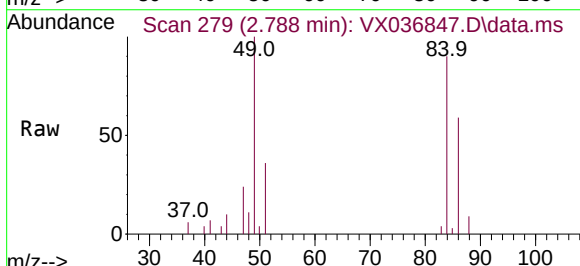
Manual Integrations

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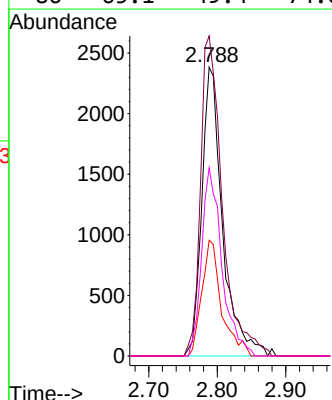
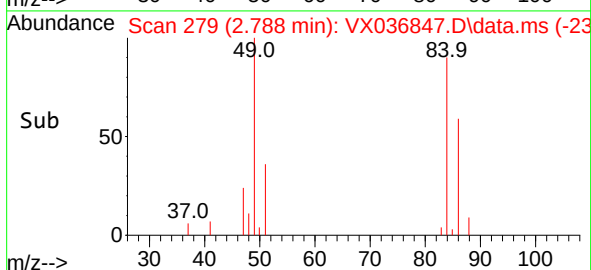
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

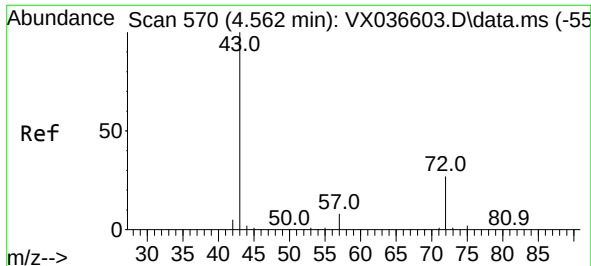


#20
Methylene Chloride
Concen: 2.711 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17



Tgt Ion: 84 Resp: 5040
Ion Ratio Lower Upper
84 100
49 110.8 103.6 155.4
51 40.1 33.8 50.6
86 65.1 49.4 74.0





#25
2-Butanone
Concen: 10.862 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

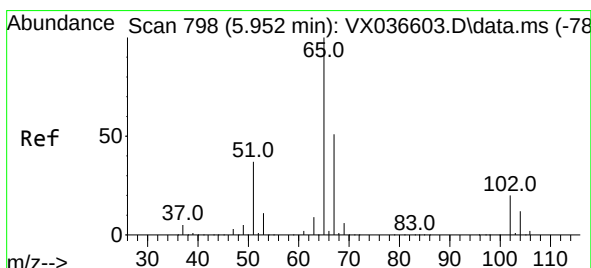
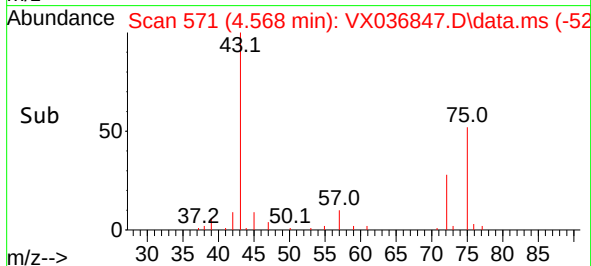
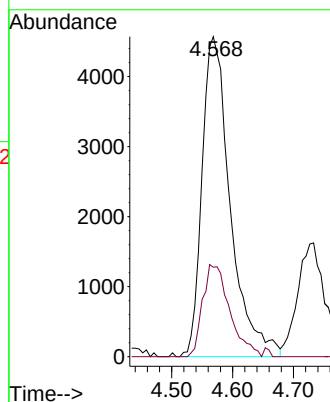
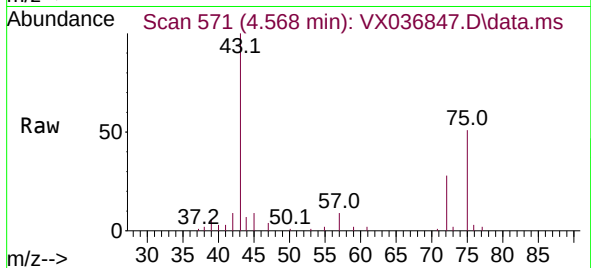
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Tgt Ion: 43 Resp: 14730
Ion Ratio Lower Upper
43 100
72 27.9 19.4 29.2

Manual Integrations

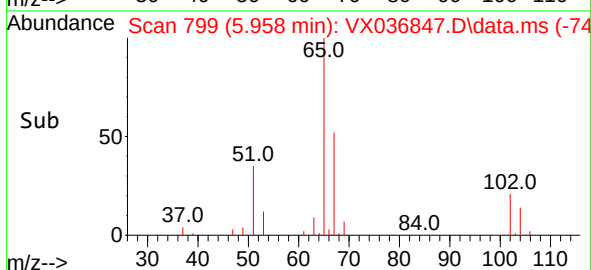
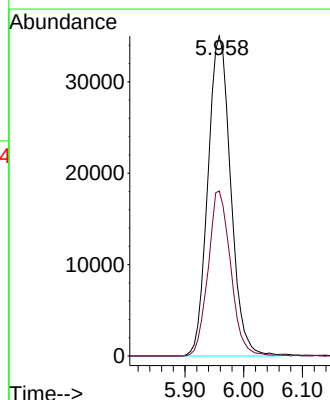
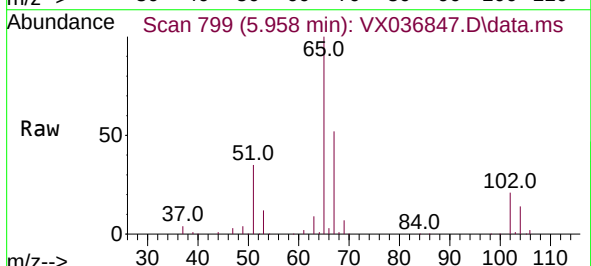
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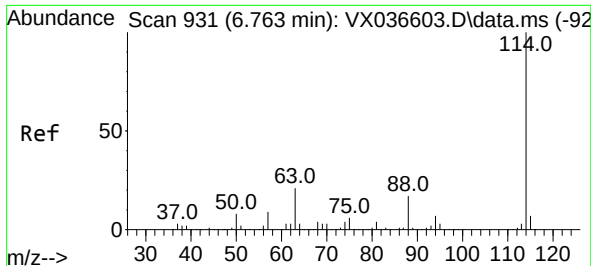
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#33
1,2-Dichloroethane-d4
Concen: 46.952 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

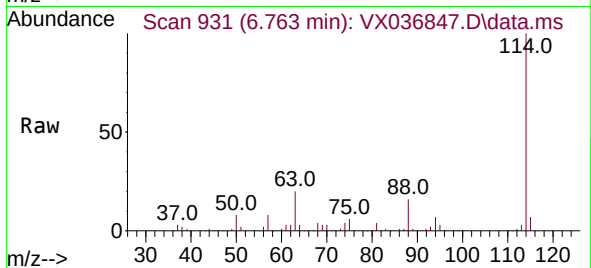
Tgt Ion: 65 Resp: 94571
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

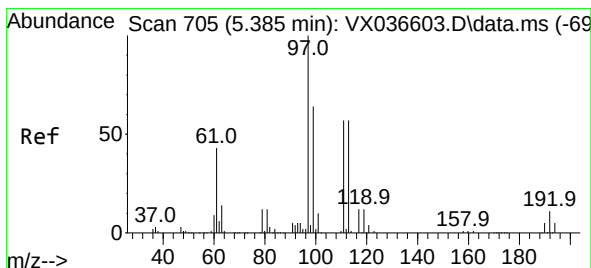
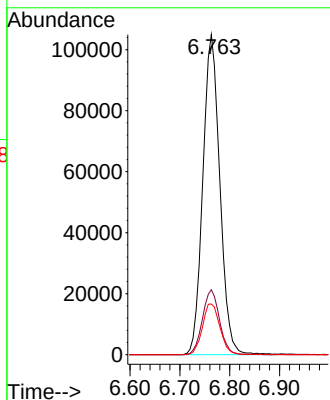
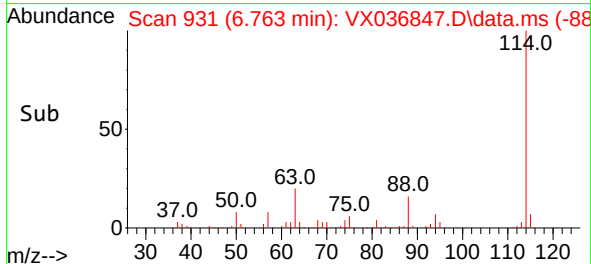
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP9



Tgt Ion:114 Resp: 248579
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 15.8 0.0 36.6

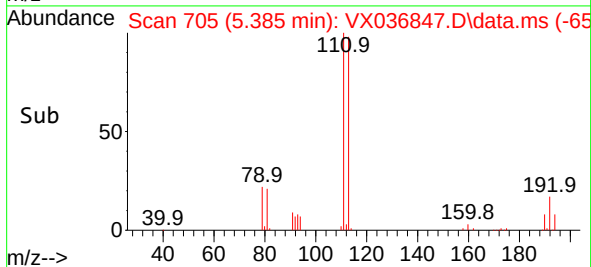
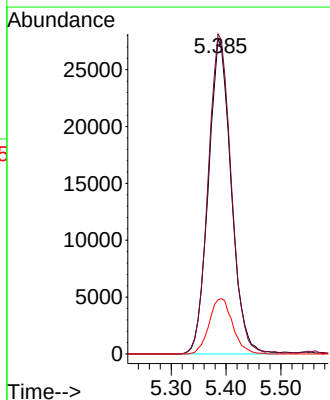
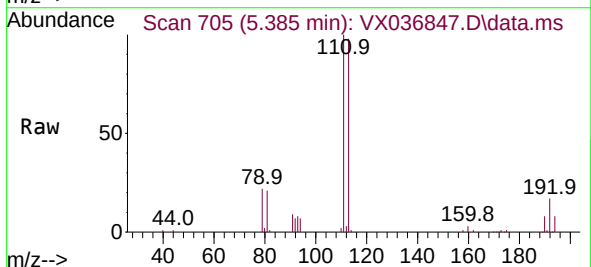
Manual Integrations
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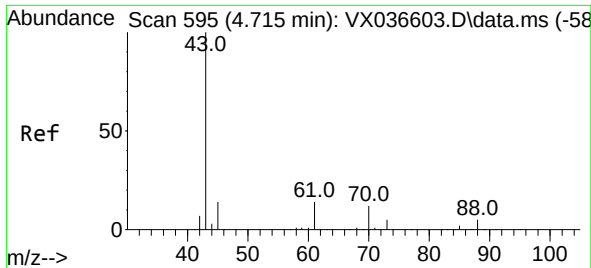
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#35
Dibromofluoromethane
Concen: 46.798 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

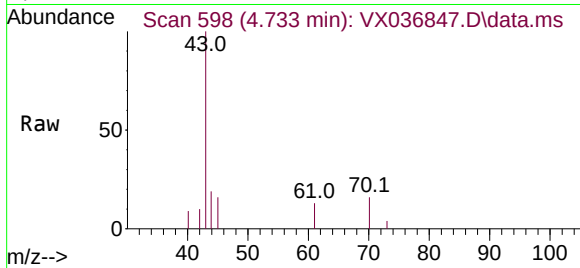
Tgt Ion:113 Resp: 79958
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.1 13.3 19.9





#37
Ethyl Acetate
Concen: 2.006 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.018 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

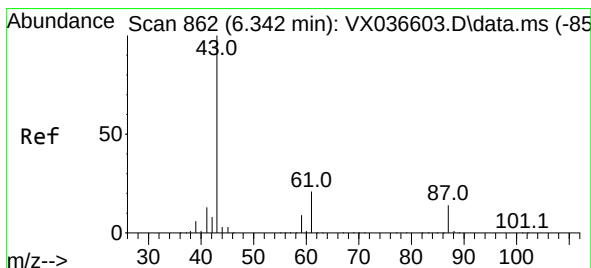
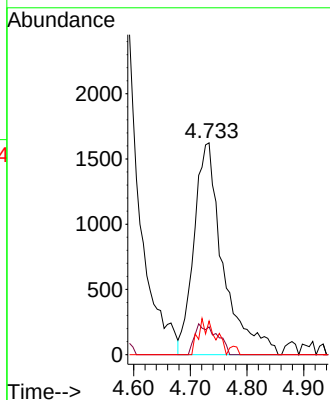
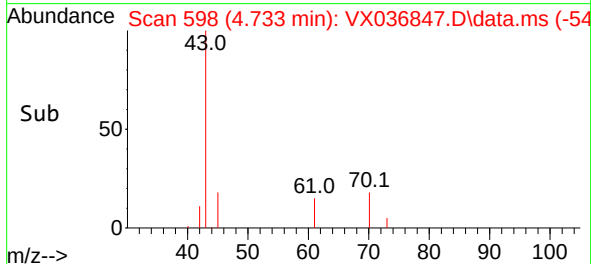
Instrument :
MSVOA_X
Client Sample Id :
MCLEAN-TP9



Tgt Ion: 43 Resp: 578
Ion Ratio Lower Upper
43 100
61 10.9 10.6 16.0
70 9.6 8.3 12.5

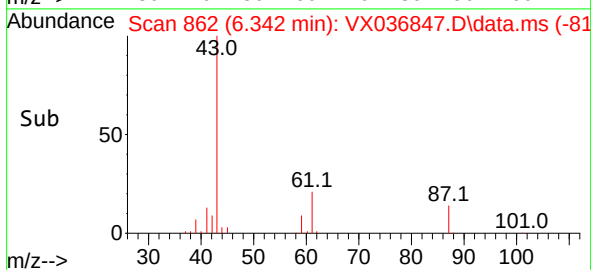
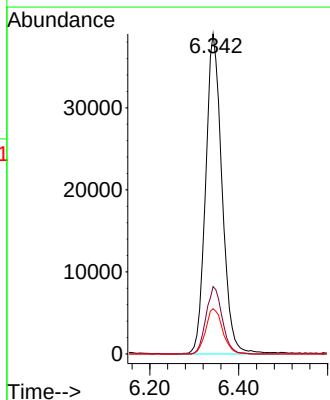
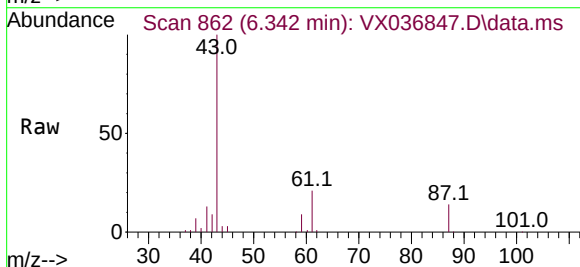
Manual Integrations
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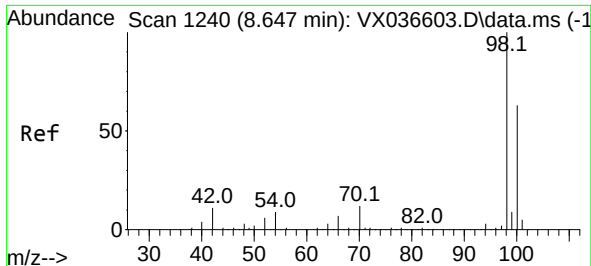
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023



#43
Isopropyl Acetate
Concen: 20.176 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

Tgt Ion: 43 Resp: 100106
Ion Ratio Lower Upper
43 100
61 20.7 15.2 22.8
87 14.5 9.8 14.6





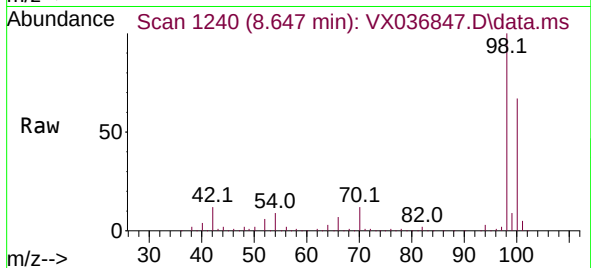
#50
Toluene-d8
Concen: 49.968 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

Instrument :

MSVOA_X

ClientSampleId :

MCLEAN-TP9

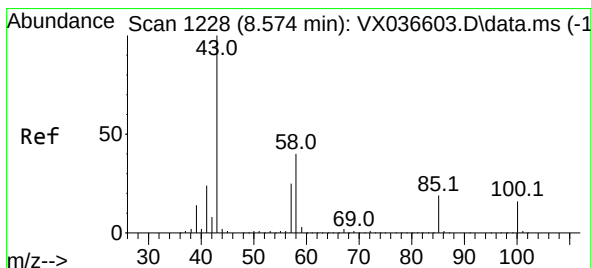
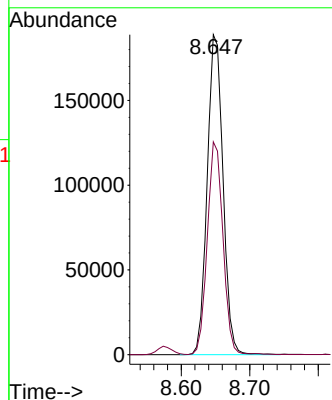
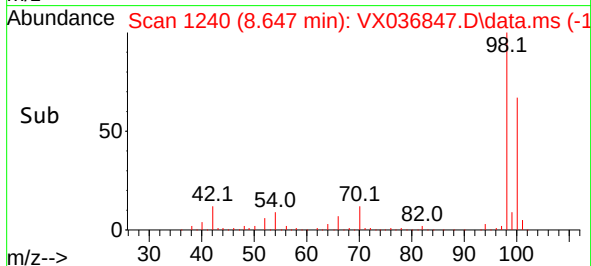


Tgt Ion: 98 Resp: 302750
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7

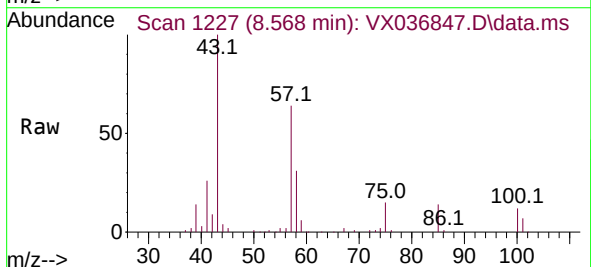
Manual Integrations

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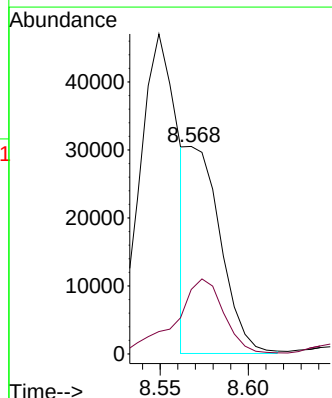
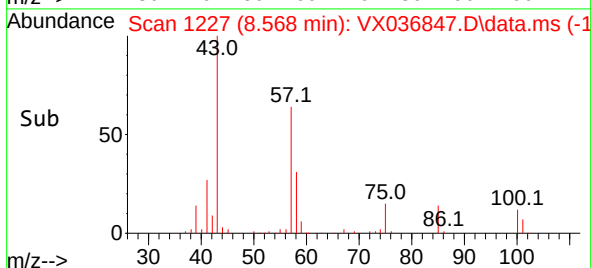
Reviewed By :John Carlone 08/08/2023
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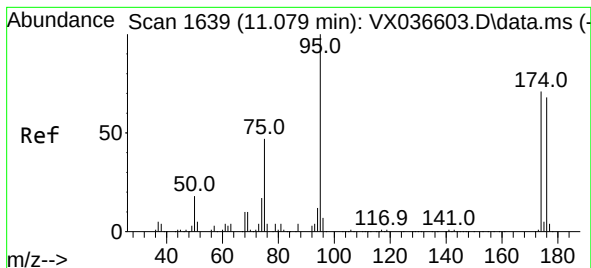


#51
4-Methyl-2-Pentanone
Concen: 14.656 ug/l m
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17



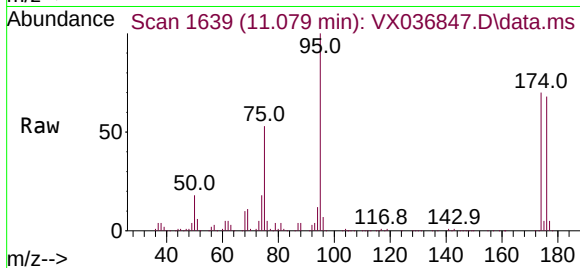
Tgt Ion: 43 Resp: 40242
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#





#62
4-Bromofluorobenzene
Concen: 51.552 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17

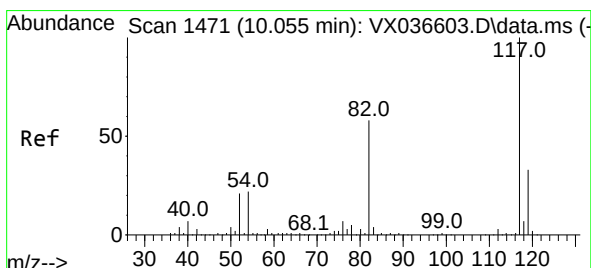
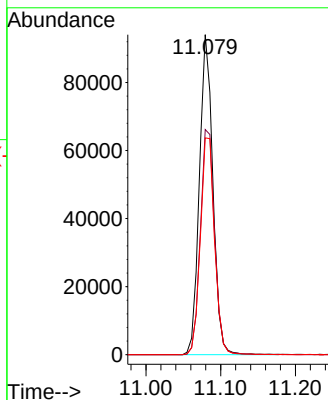
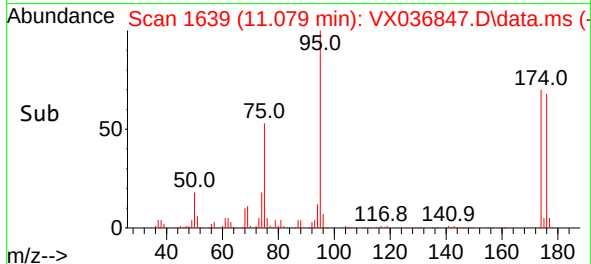
Instrument :
MSVOA_X
ClientSampleId :
MCLEAN-TP9



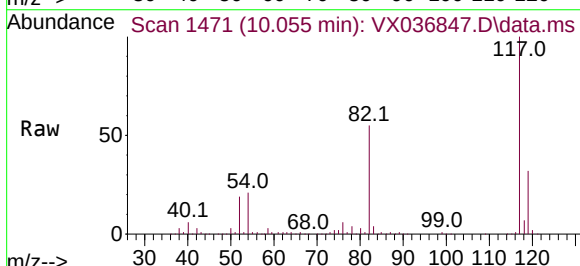
Tgt Ion: 95 Resp: 117840
Ion Ratio Lower Upper
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174 74.2 0.0 135.6
176 71.8 0.0 131.0

Manual Integrations
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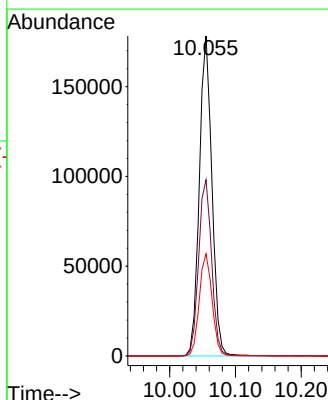
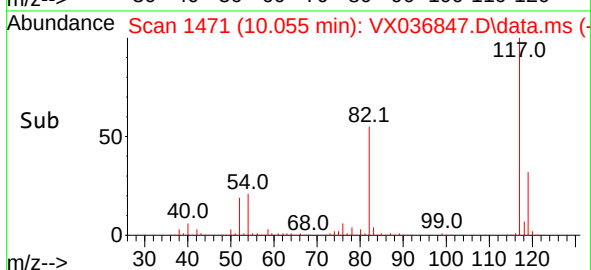
Reviewed By :John Carlone 08/08/2023
Supervised By :Mahesh Dadoda 08/08/2023

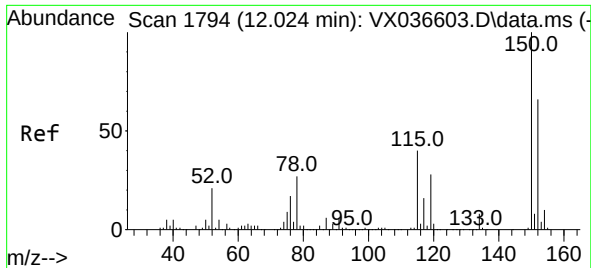


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036847.D
Acq: 07 Aug 2023 19:17



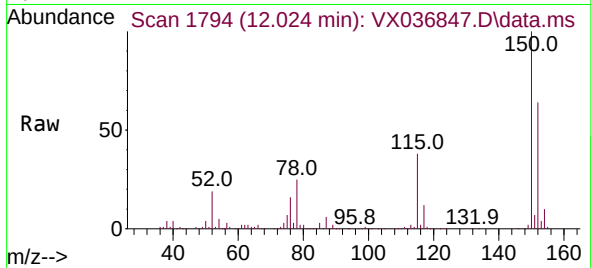
Tgt Ion:117 Resp: 237241
Ion Ratio Lower Upper
117 100
82 55.0 46.2 69.4
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036847.D
 Acq: 07 Aug 2023 19:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MCLEAN-TP9



Tgt Ion:152 Resp: 110458
 Ion Ratio Lower Upper
 152 100
 115 62.6 43.3 129.9
 150 159.4 0.0 345.0

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/08/2023
 Supervised By :Mahesh Dadoda 08/08/2023

