

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
 Data File : VX044989.D
 Acq On : 18 Feb 2025 15:46
 Operator : JC/MD
 Sample : PB166736ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166736ZHE#02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/19/2025
 Supervised By : Mahesh Dadoda 02/19/2025

Quant Time: Feb 19 06:13:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	84519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	173182	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	159204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	70222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	70309	56.829	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.660%			
35) Dibromofluoromethane	5.379	113	56855	50.494	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.647	98	216663	50.887	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.780%			
62) 4-Bromofluorobenzene	11.079	95	75103	52.323	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.640%			
Target Compounds						
16) Acetone	2.380	43	13347	26.835	ug/l	95
18) Methyl Acetate	2.709	43	2596	1.654	ug/l #	89
20) Methylene Chloride	2.782	84	1229	1.009	ug/l	90
37) Ethyl Acetate	4.733	43	2666m	1.475	ug/l	
43) Isopropyl Acetate	6.336	43	100465	34.431	ug/l	99

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

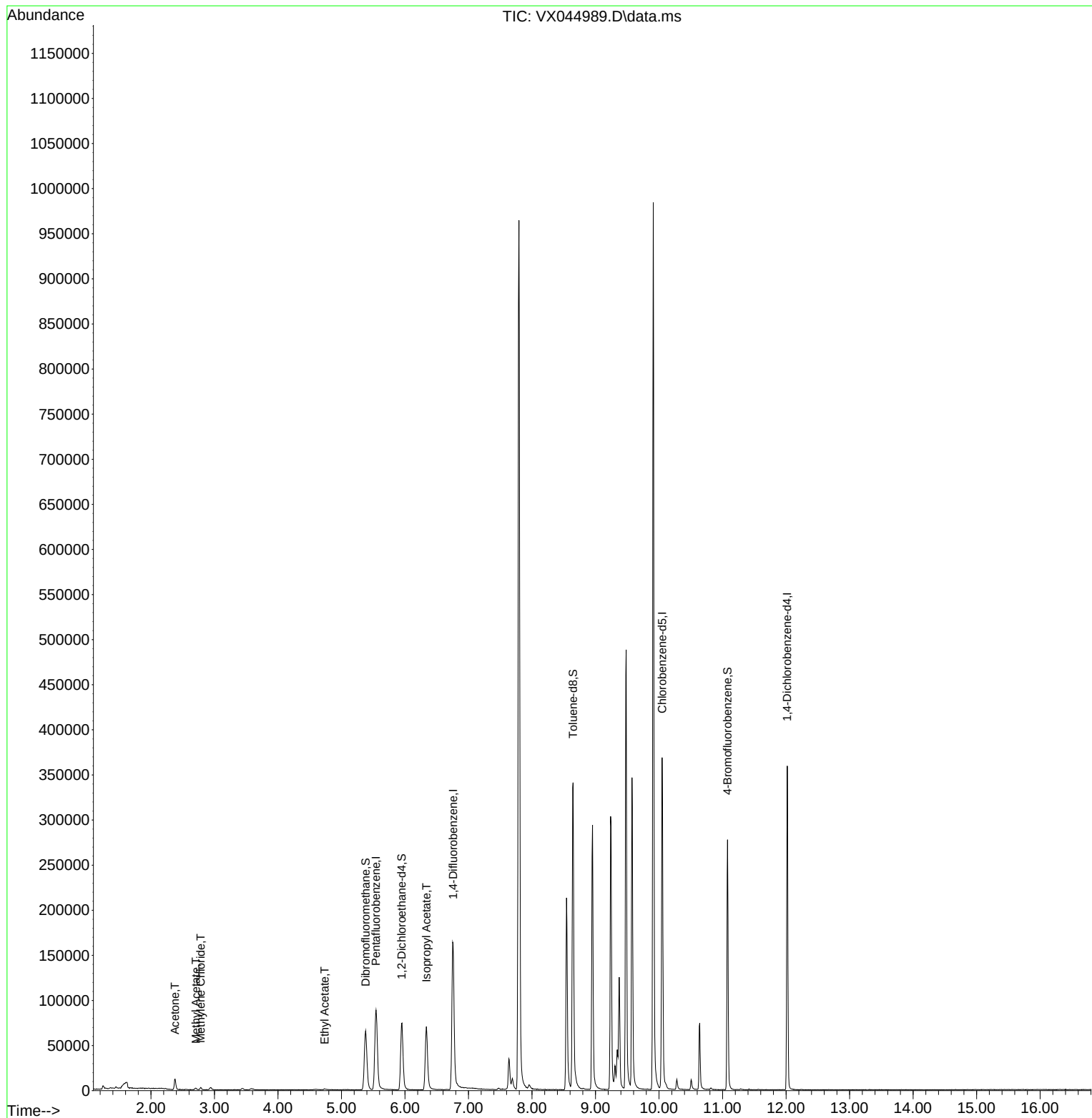
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021825\
Data File : VX044989.D
Acq On : 18 Feb 2025 15:46
Operator : JC/MD
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ALS Vial : 15 Sample Multiplier: 1

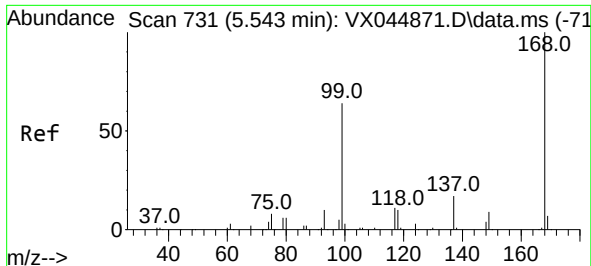
Instrument :
MSVOA_X
ClientSampleId :
PB166736ZHE#02

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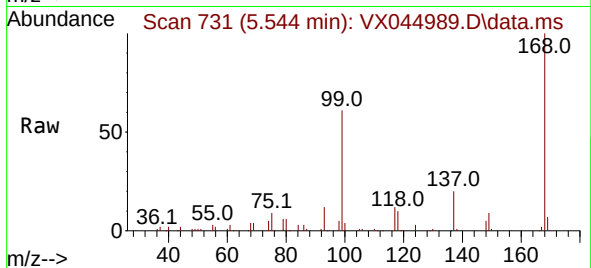
Quant Time: Feb 19 06:13:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.001 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46

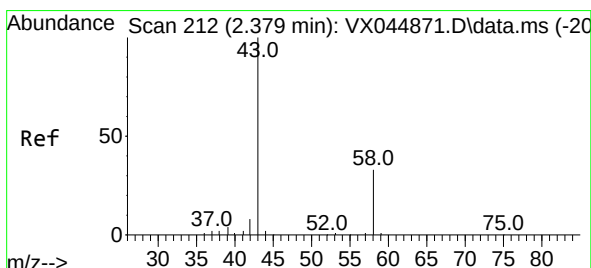
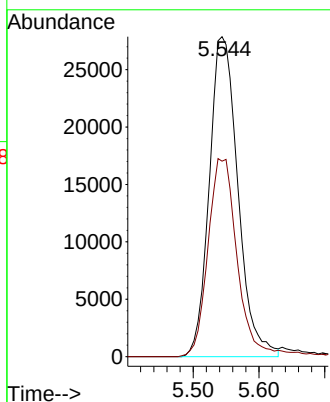
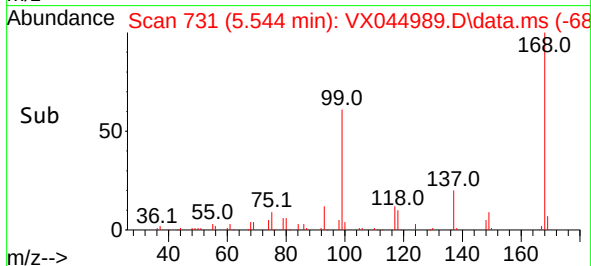
Instrument :
MSVOA_X
ClientSampleId :
PB166736ZHE#02



Tgt Ion:168 Resp: 84519
Ion Ratio Lower Upper
168 100
99 61.1 51.2 76.8

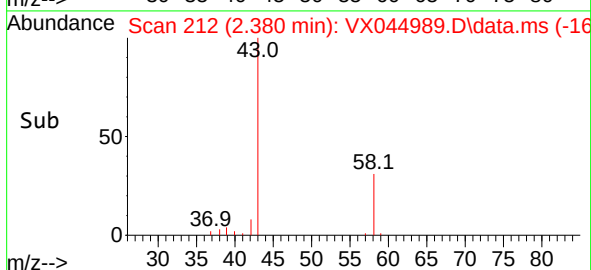
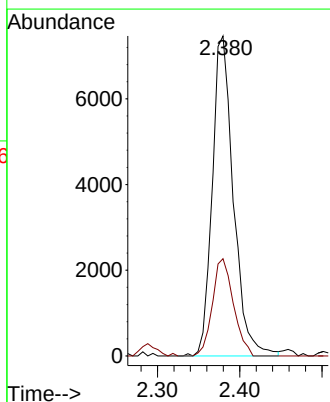
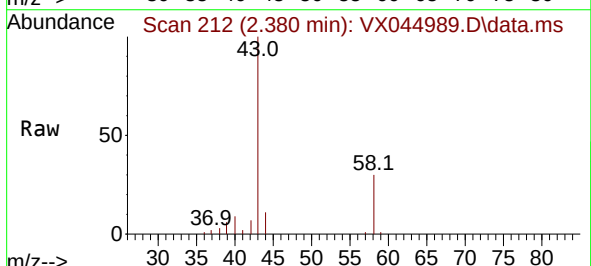
Manual Integrations
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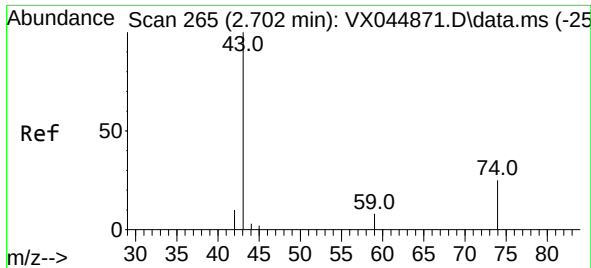
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 26.835 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46

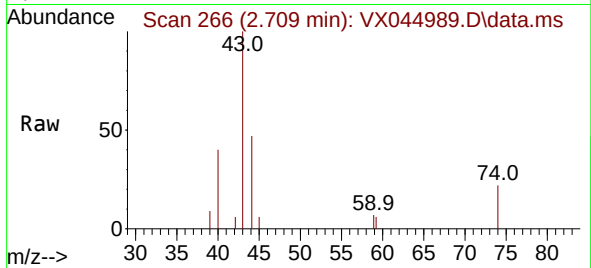
Tgt Ion: 43 Resp: 13347
Ion Ratio Lower Upper
43 100
58 30.4 26.5 39.7





#18
Methyl Acetate
Concen: 1.654 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46

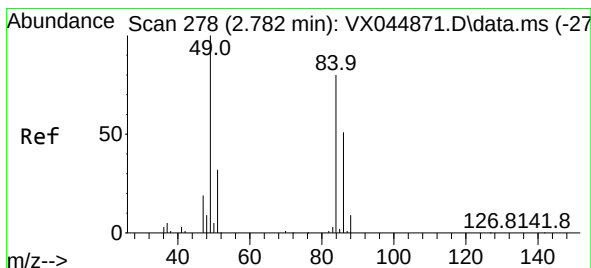
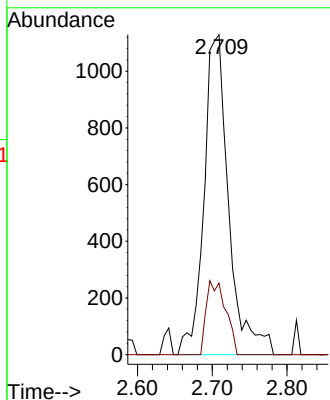
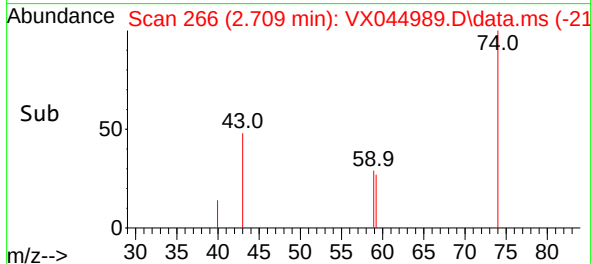
Instrument :
MSVOA_X
ClientSampleId :
PB166736ZHE#02



Tgt Ion: 43 Resp: 2590
Ion Ratio Lower Upper
43 100
74 18.1 18.9 28.3

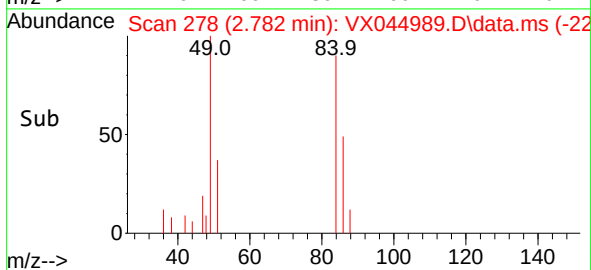
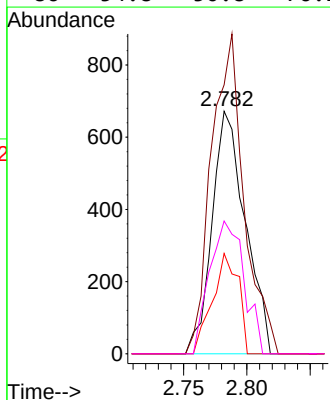
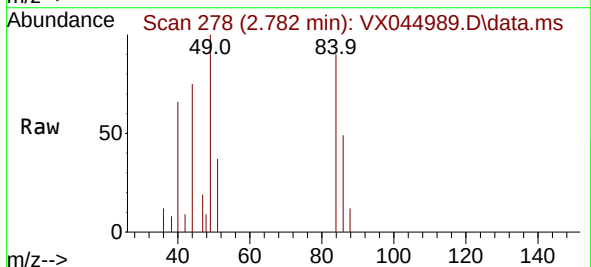
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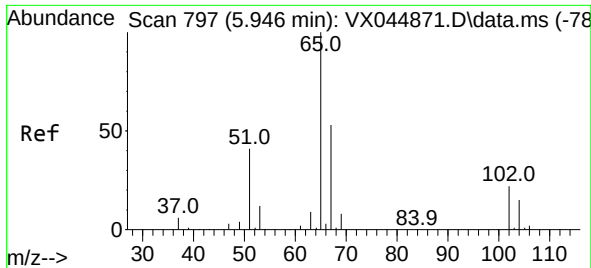
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 1.009 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46

Tgt Ion: 84 Resp: 1229
Ion Ratio Lower Upper
84 100
49 110.9 100.1 150.1
51 41.4 31.7 47.5
86 54.8 50.8 76.2





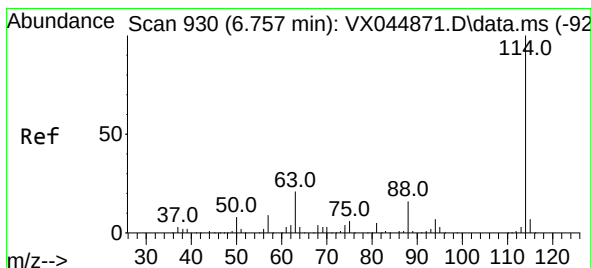
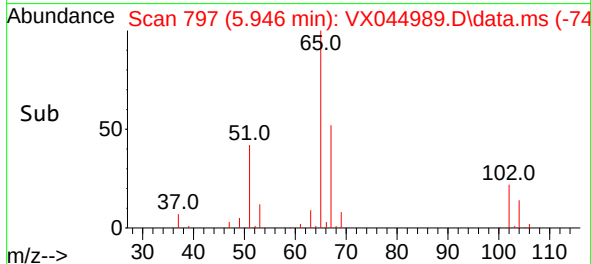
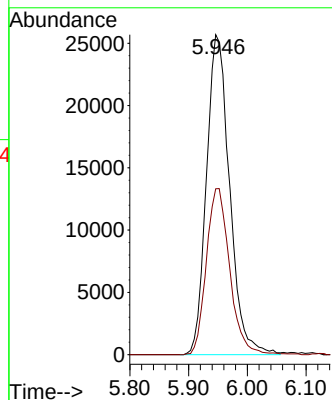
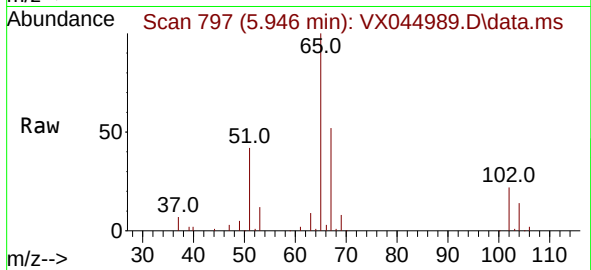
#33
 1,2-Dichloroethane-d4
 Concen: 56.829 ug/l
 RT: 5.946 min Scan# 797
 Delta R.T. 0.000 min
 Lab File: VX044989.D
 Acq: 18 Feb 2025 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166736ZHE#02

Tgt Ion: 65 Resp: 70309
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 108.2

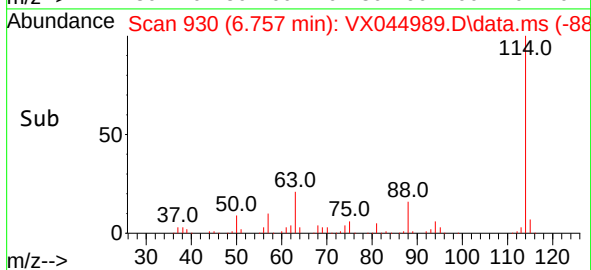
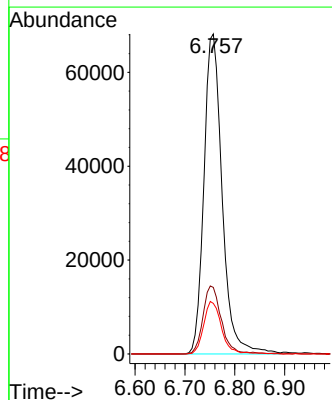
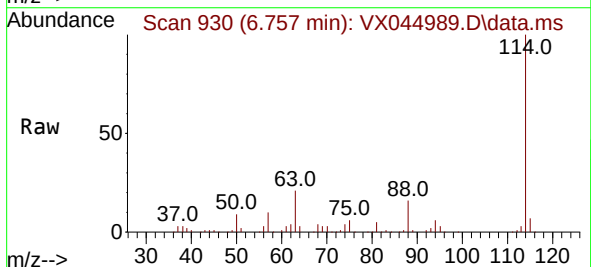
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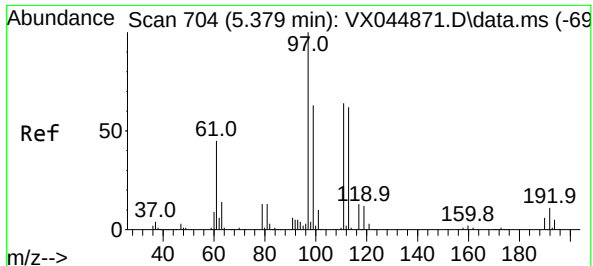
Reviewed By :John Carlone 02/19/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX044989.D
 Acq: 18 Feb 2025 15:46

Tgt Ion:114 Resp: 173182
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 42.4
 88 15.8 0.0 31.4





#35

Dibromofluoromethane

Concen: 50.494 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044989.D

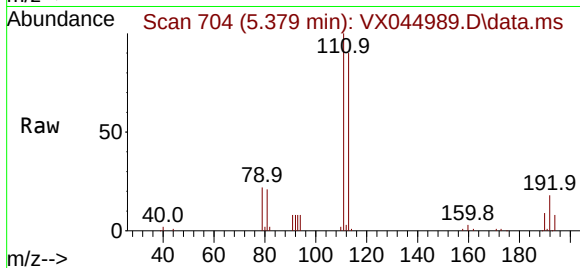
Acq: 18 Feb 2025 15:46

Instrument :

MSVOA_X

ClientSampleId :

PB166736ZHE#02



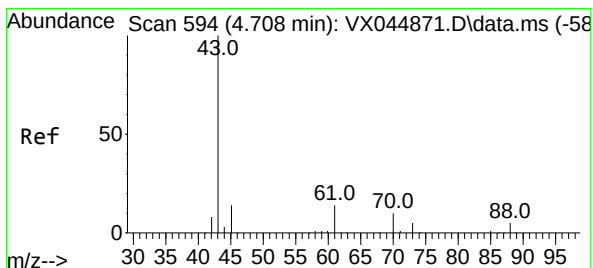
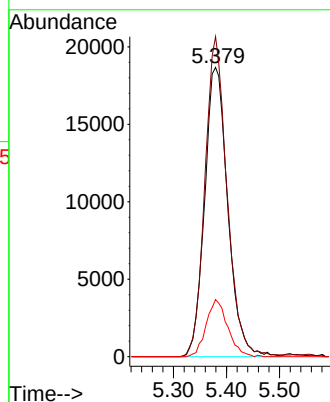
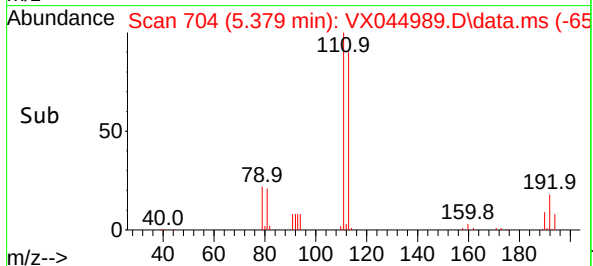
Tgt Ion:	113	Resp:	5685
Ion	Ratio	Lower	Upper
113	100		
111	105.1	83.5	125.3
192	18.2	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/19/2025

Supervised By :Mahesh Dadoda 02/19/2025



#37

Ethyl Acetate

Concen: 1.475 ug/l m

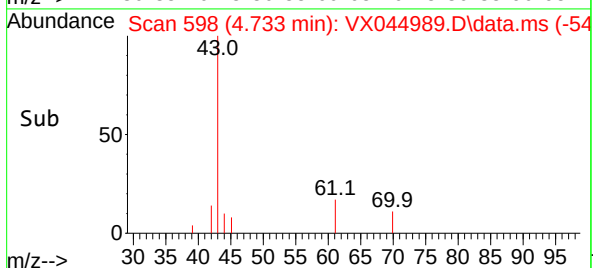
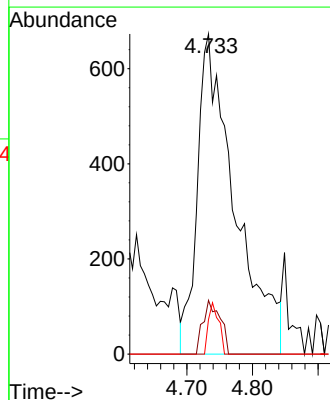
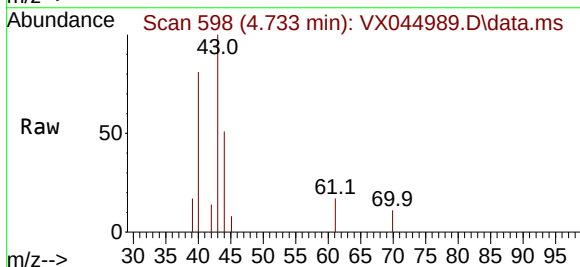
RT: 4.733 min Scan# 598

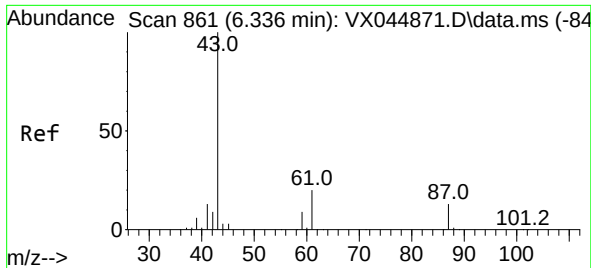
Delta R.T. 0.025 min

Lab File: VX044989.D

Acq: 18 Feb 2025 15:46

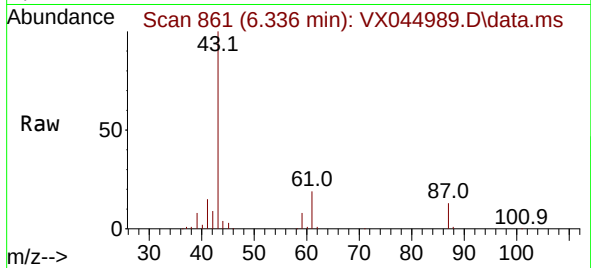
Tgt Ion:	43	Resp:	2666
Ion	Ratio	Lower	Upper
43	100		
61	7.7	11.0	16.4#
70	4.4	8.2	12.2#





#43
Isopropyl Acetate
Concen: 34.431 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46

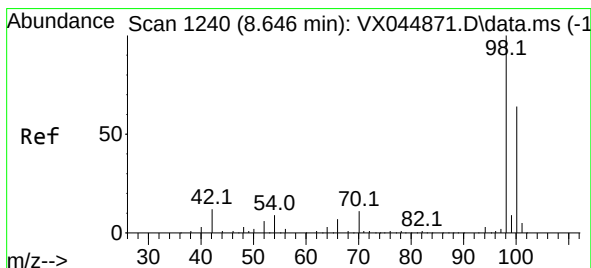
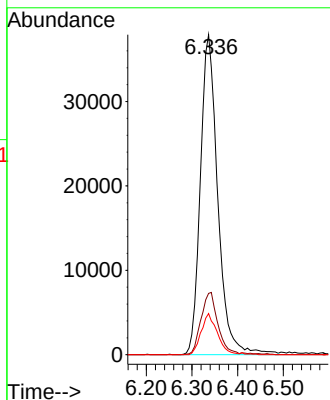
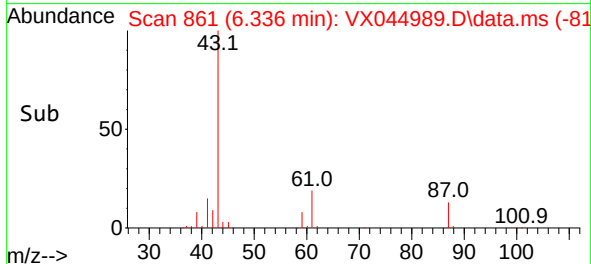
Instrument :
MSVOA_X
ClientSampleId :
PB166736ZHE#02



Tgt Ion: 43 Resp: 10046
Ion Ratio Lower Upper
43 100
61 19.3 15.8 23.8
87 11.8 10.0 15.0

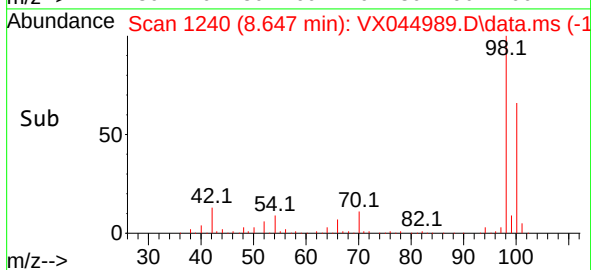
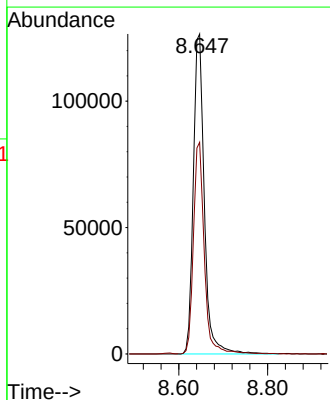
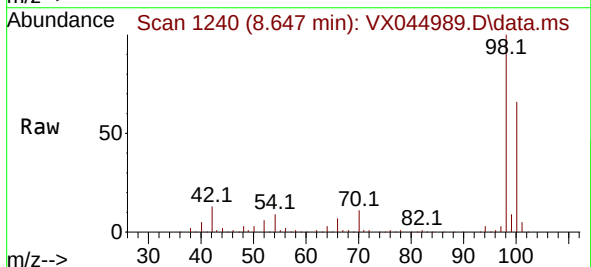
Manual Integrations
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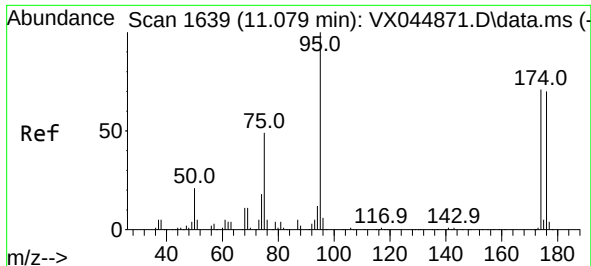
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025



#50
Toluene-d8
Concen: 50.887 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46

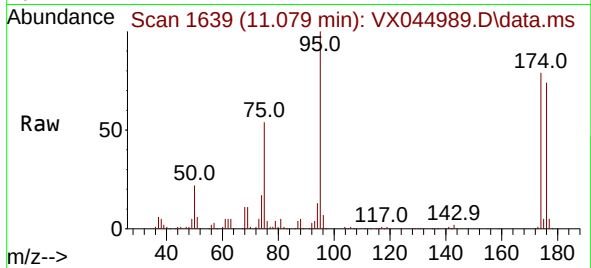
Tgt Ion: 98 Resp: 216663
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1





#62
4-Bromofluorobenzene
Concen: 52.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46

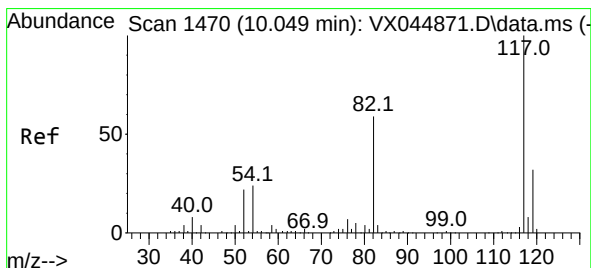
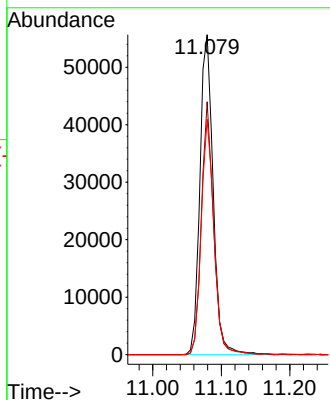
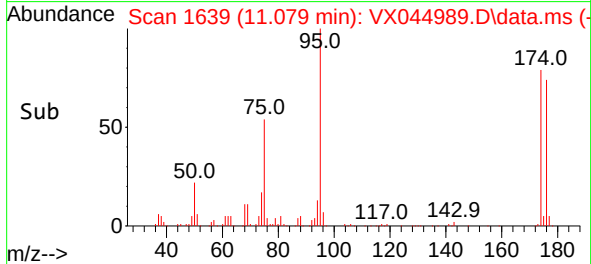
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PB166736ZHE#02



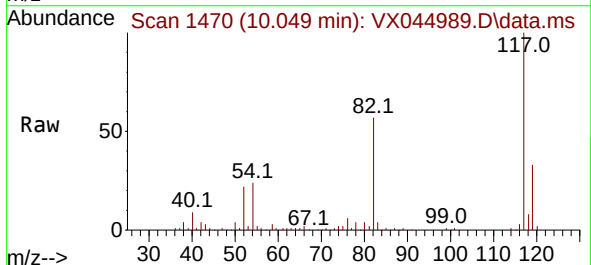
Tgt Ion: 95 Resp: 7510
Ion Ratio Lower Upper
95 100
174 72.8 0.0 142.6
176 71.0 0.0 141.6

Manual Integrations
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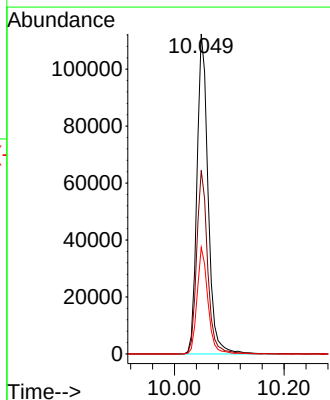
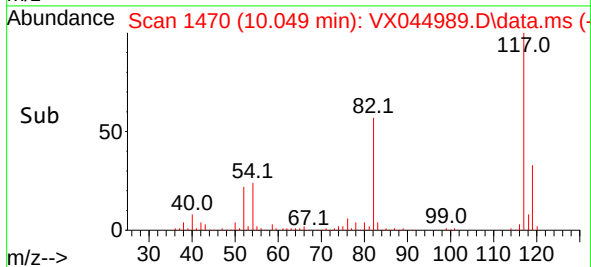
Reviewed By :John Carlone 02/19/2025
Supervised By :Mahesh Dadoda 02/19/2025

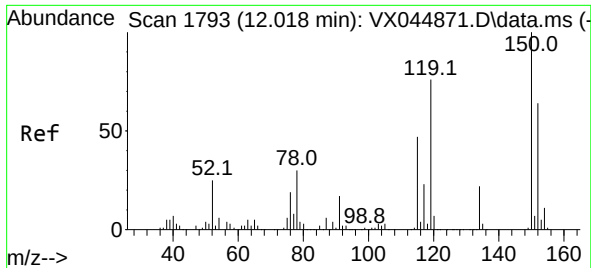


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044989.D
Acq: 18 Feb 2025 15:46



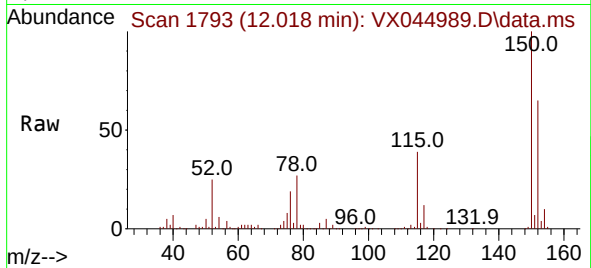
Tgt Ion:117 Resp: 159204
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 33.3 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044989.D
 Acq: 18 Feb 2025 15:46

Instrument :
 MSVOA_X
 ClientSampleId :
 PB166736ZHE#02



Tgt Ion:152 Resp: 7022
 Ion Ratio Lower Upper
 152 100
 115 61.9 43.4 130.1
 150 156.4 0.0 350.4

Manual Integrations
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