Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047102.D
Acq On : 23 Jul 2025 19:00
Operator : JC/MD
Sample : Q2481-18 1000X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Quant Time: Jul 24 05:57:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/24/2025
Supervised By :Mahesh Dadoda 07/24/2025

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Pentafluorobenzene	5.562	168	416777	50.000 ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	772965	50.000 ug/l	0.00
63) Chlorobenzene-d5	10.055	117	519074	50.000 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	323235	50.000 ug/l	0.00
System Monitoring Compounds					
33) 1,2-Dichloroethane-d4	5.964	65	278050	53.556 ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.120%		
35) Dibromofluoromethane	5.397	113	226535	47.466 ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.940%		
50) Toluene-d8	8.659	98	856992	55.448 ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.900%		
62) 4-Bromofluorobenzene	11.079	95	280864	42.168 ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.340%		
Target Compounds					Qvalue
10) Methyl Iodide	2.471	142	24099	4.471 ug/l	98
37) Ethyl Acetate	4.733	43	170522	22.748 ug/l	99
41) Methacrylonitrile	4.952	41	16069	4.100 ug/l	96
51) 4-Methyl-2-Pentanone	8.610	43	143285m	20.628 ug/l	
52) Toluene	8.726	92	494369	34.150 ug/l	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072325\
Data File : VX047102.D
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Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
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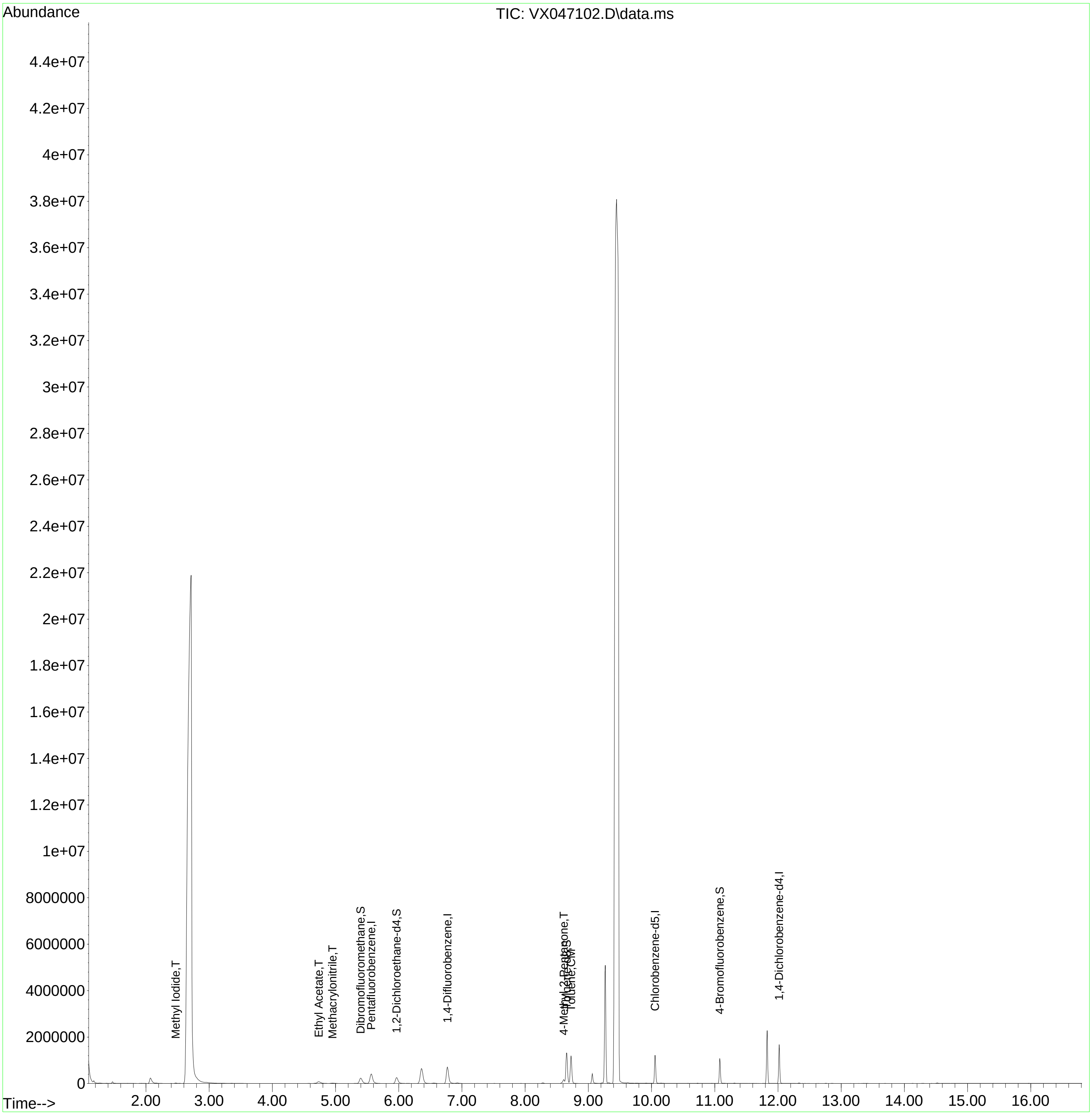

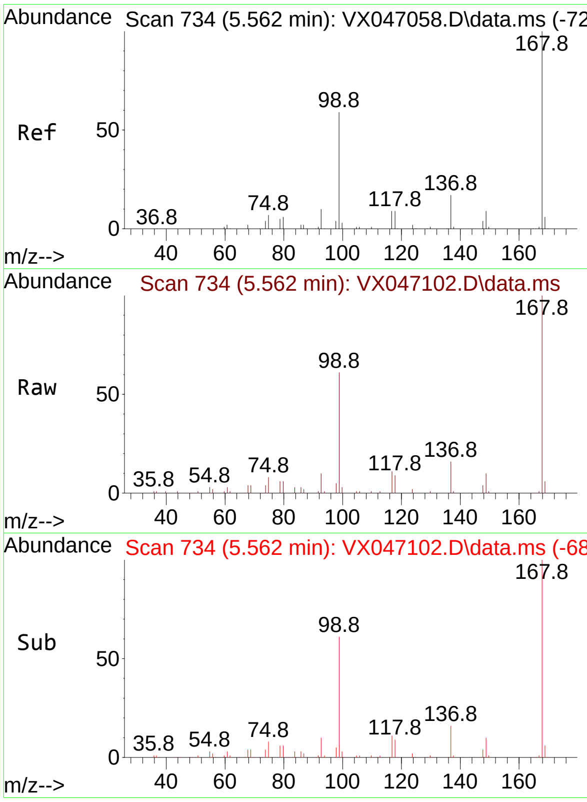

#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Tgt Ion:168 Resp: 41677

Ion	Ratio	Lower	Upper
168	100		
99	61.2	48.0	72.0

Manual Integrations APPROVED

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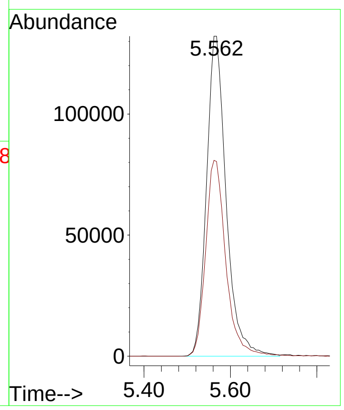
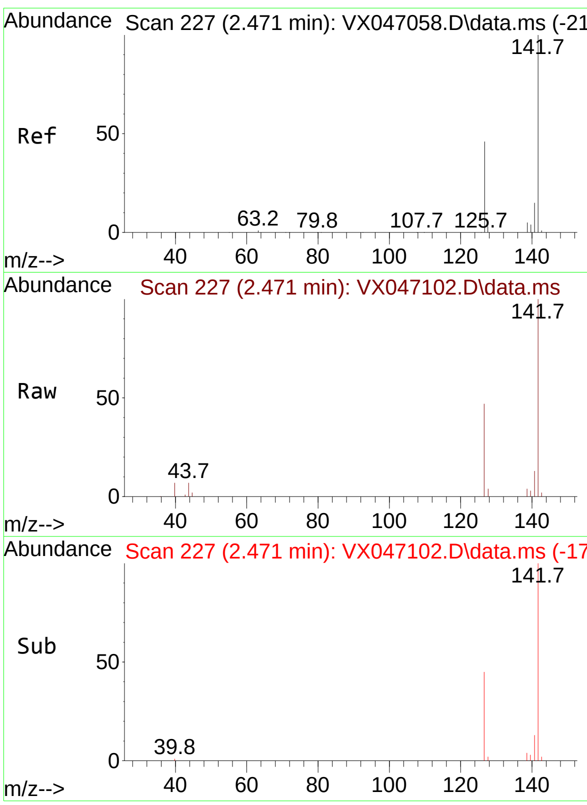
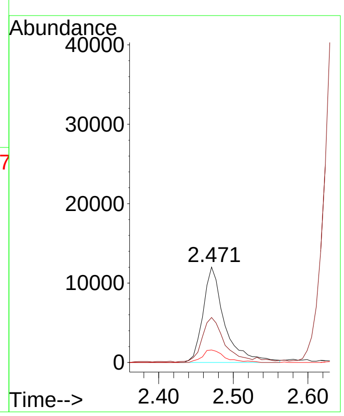


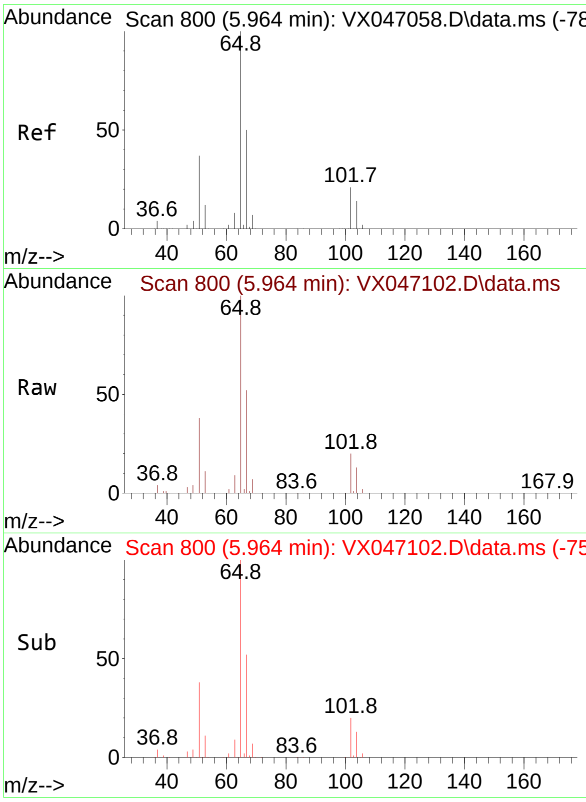


#10
Methyl Iodide
Concen: 4.471 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:142 Resp: 24099

Ion	Ratio	Lower	Upper
142	100		
127	47.4	36.6	54.8
141	13.6	10.9	16.3





#33
1,2-Dichloroethane-d4
Concen: 53.556 ug/l
RT: 5.964 min Scan# 8
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 65 Resp: 27805

Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	104.8

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
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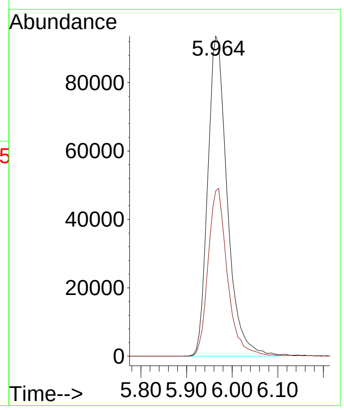
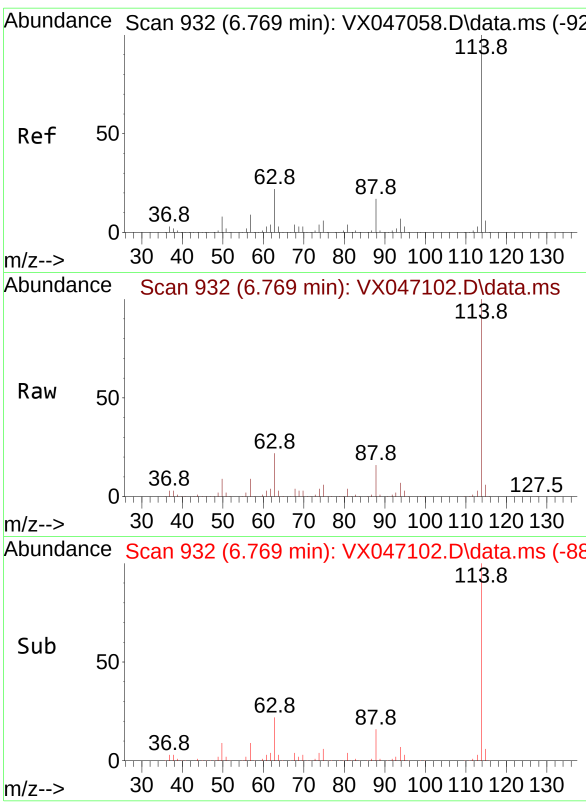
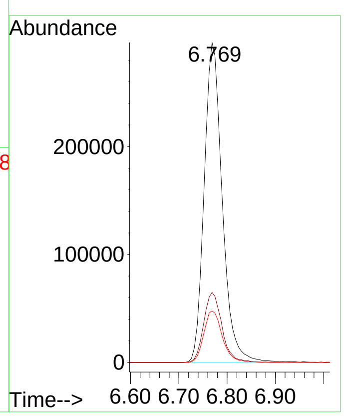


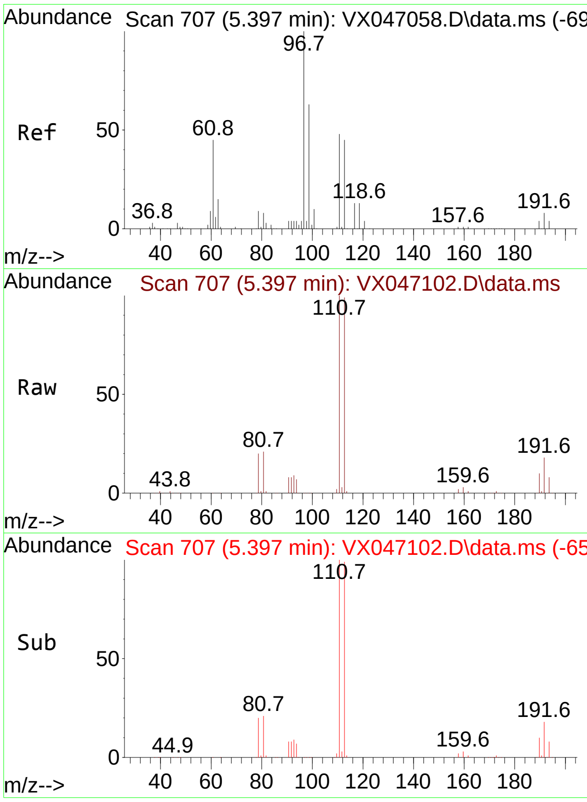


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:114 Resp: 772965

Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.1	0.0	33.8





#35
Dibromofluoromethane
Concen: 47.466 ug/l
RT: 5.397 min Scan# 70
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Tgt Ion:113 Resp: 22653

Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	124.0
192	17.9	14.9	22.3

Manual Integrations APPROVED

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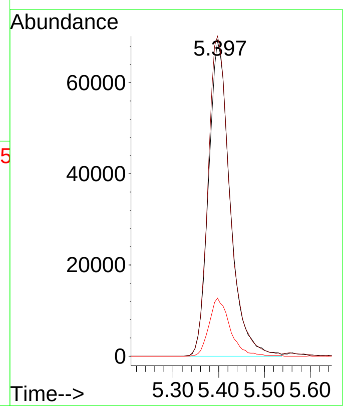
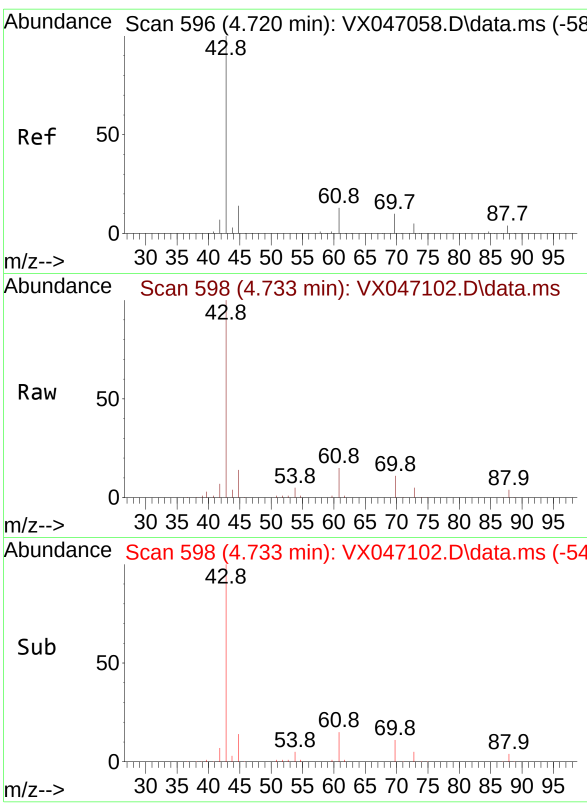
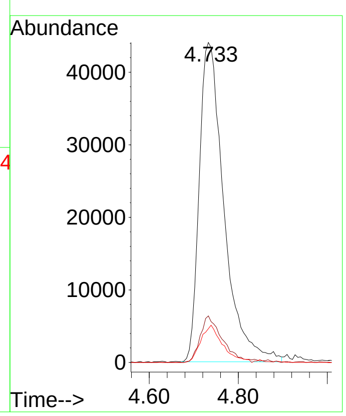


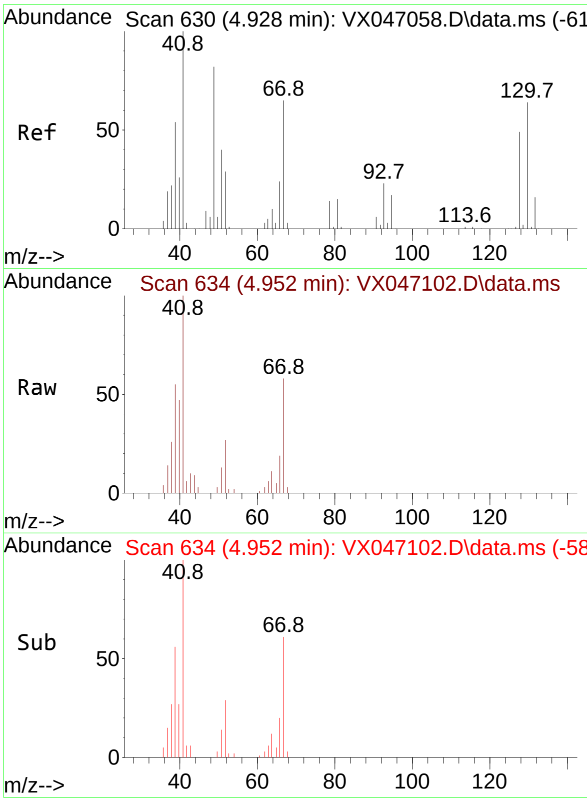


#37
Ethyl Acetate
Concen: 22.748 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion: 43 Resp: 170522

Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.2
70	10.3	8.1	12.1





#41
Methacrylonitrile
Concen: 4.100 ug/l
RT: 4.952 min   Scan# 6
Delta R.T.   0.024 min
Lab File: VX047102.D
Acq: 23 Jul 2025   19:00

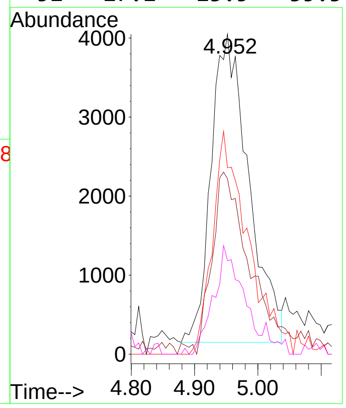
Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

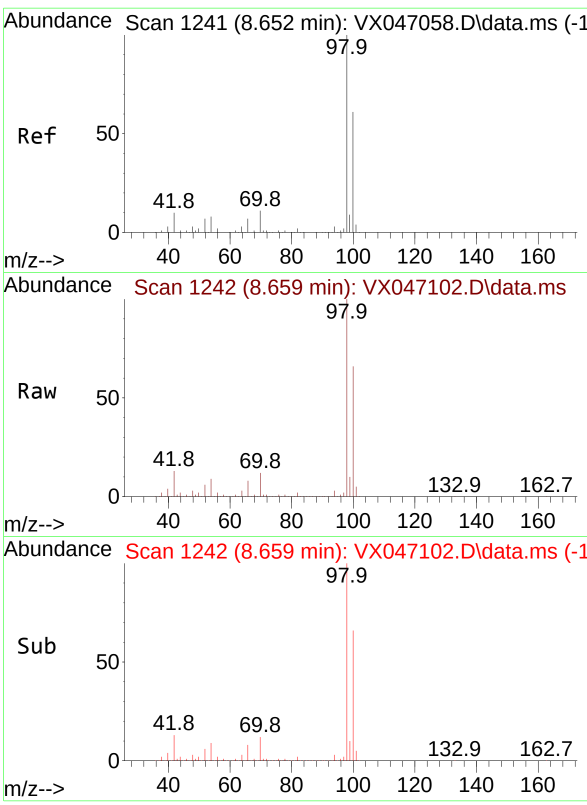
Manual Integrations APPROVED

Reviewed By :John Carlone   07/24/2025
Supervised By :Mahesh Dadoda   07/24/2025

Tgt Ion: 41 Resp: 1606

Ion	Ratio	Lower	Upper
41	100		
39	59.6	44.2	66.2
67	68.0	56.4	84.6
52	27.2	23.5	35.3

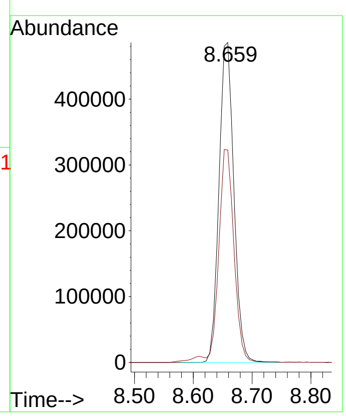


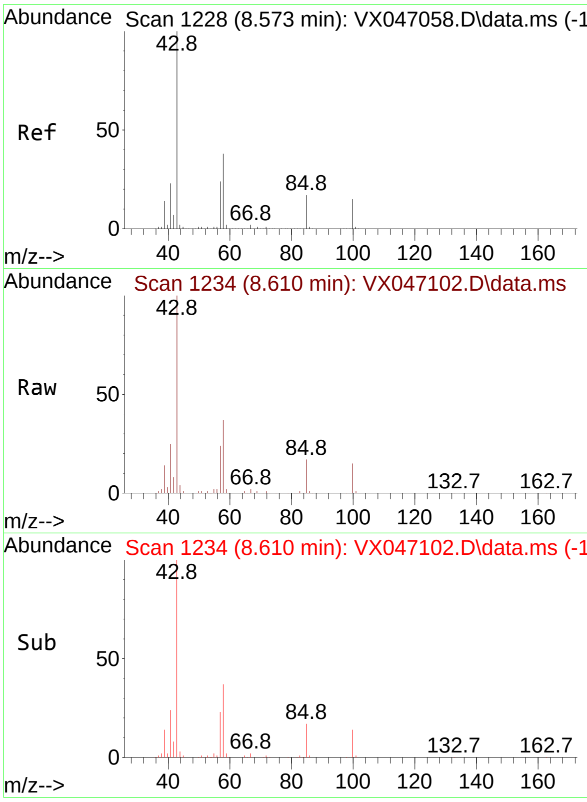


#50
Toluene-d8
Concen: 55.448 ug/l
RT: 8.659 min   Scan# 1242
Delta R.T.   0.006 min
Lab File: VX047102.D
Acq: 23 Jul 2025   19:00

Tgt Ion: 98 Resp: 856992

Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.3	79.9





#51
4-Methyl-2-Pentanone
Concen: 20.628 ug/l m
RT: 8.610 min   Scan# 1
Delta R.T.   0.037 min
Lab File: VX047102.D
Acq: 23 Jul 2025   19:00

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Tgt Ion: 43 Resp: 143285

Ion	Ratio	Lower	Upper
43	100		
58	36.2	30.6	45.8

Manual Integrations APPROVED

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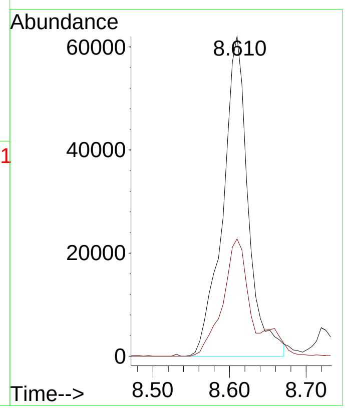
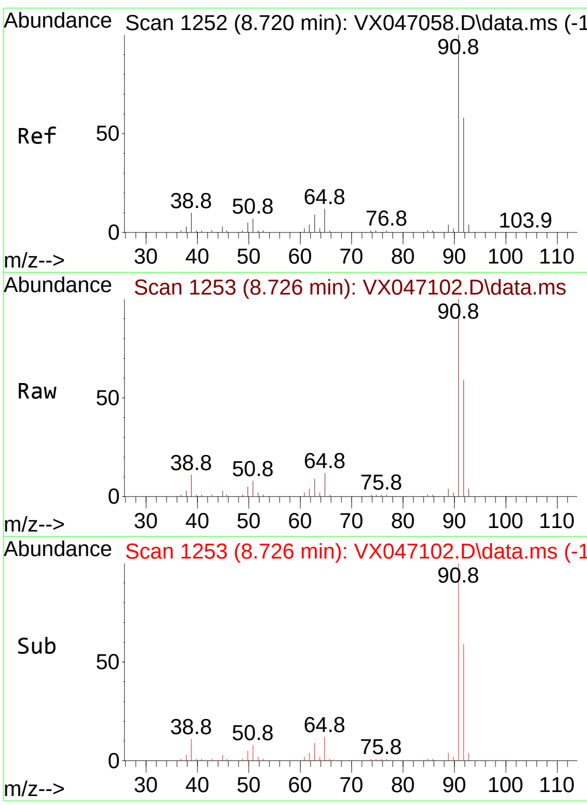
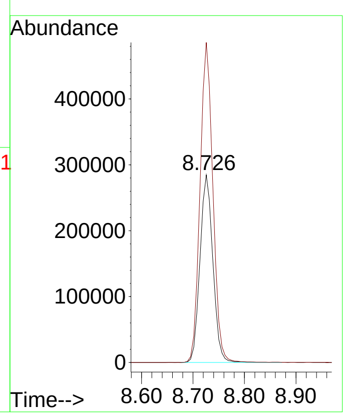


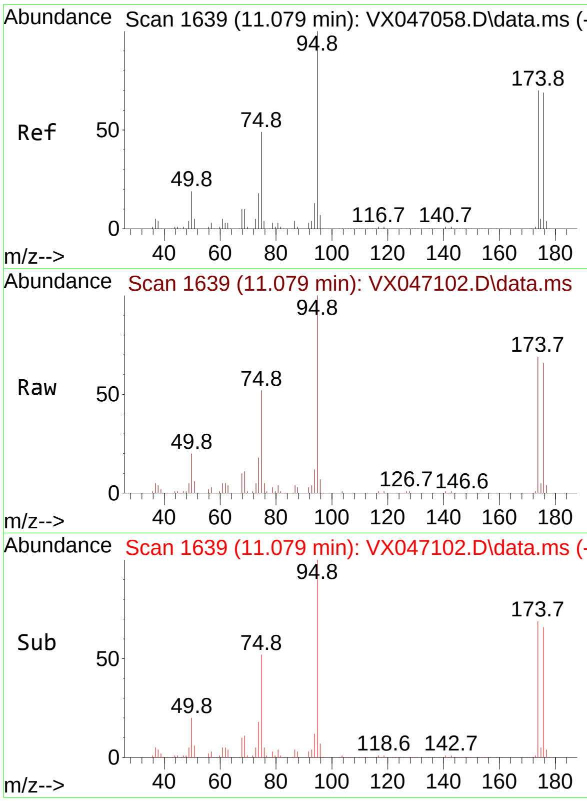


#52
Toluene
Concen: 34.150 ug/l
RT: 8.726 min   Scan# 1253
Delta R.T.   0.006 min
Lab File: VX047102.D
Acq: 23 Jul 2025   19:00

Tgt Ion: 92 Resp: 494369

Ion	Ratio	Lower	Upper
92	100		
91	170.3	137.9	206.9





#62
4-Bromofluorobenzene
Concen: 42.168 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Tgt Ion: 95 Resp: 28086

Ion	Ratio	Lower	Upper
95	100		
174	73.2	0.0	144.6
176	70.8	0.0	139.6

Manual Integrations
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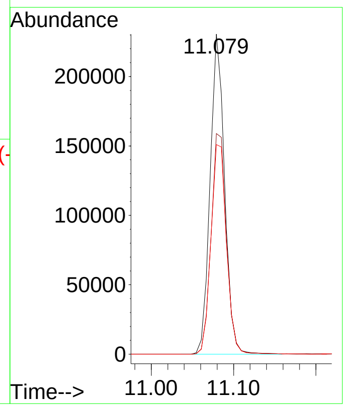
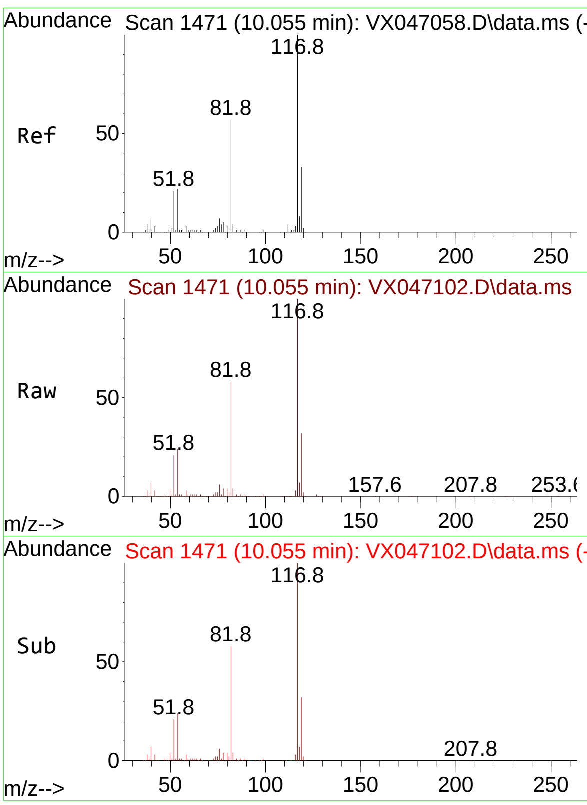
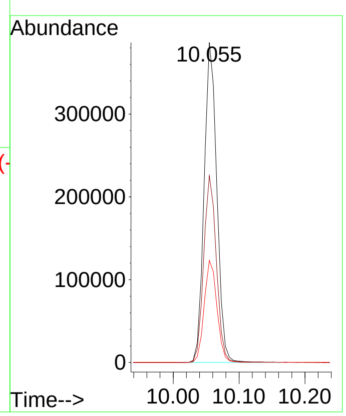


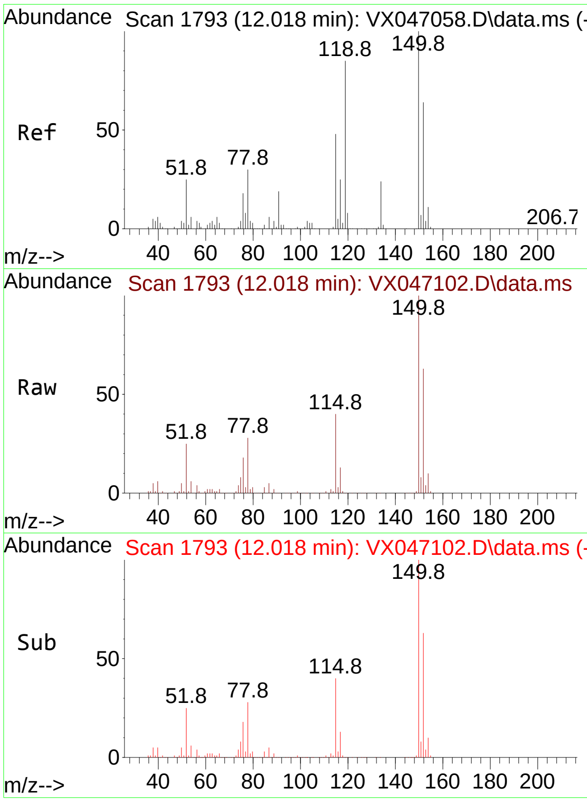


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025 19:00

Tgt Ion:117 Resp: 519074

Ion	Ratio	Lower	Upper
117	100		
82	58.4	45.4	68.2
119	31.9	26.1	39.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min   Scan# 1
Delta R.T.   0.000 min
Lab File: VX047102.D
Acq: 23 Jul 2025   19:00

Tgt Ion:152 Resp: 32323

Ion	Ratio	Lower	Upper
152	100		
115	62.1	45.6	136.7
150	156.4	0.0	354.6

Instrument :
MSVOA_X
ClientSampleId :
CC0627-OXL

Manual Integrations
APPROVED

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