

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX047011.D
 Acq On : 15 Jul 2025 18:31
 Operator : JC/MD
 Sample : Q2600-03
 Misc : 5.68g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRENCH

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:33:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	342096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	576254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	226022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	233730	51.717	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.440%			
35) Dibromofluoromethane	5.391	113	184251	47.103	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.200%			
50) Toluene-d8	8.647	98	656434	47.564	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.120%			
62) 4-Bromofluorobenzene	11.079	95	262943	50.130	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.260%			
Target Compounds						
					Qvalue	
16) Acetone	2.416	43	4876	3.473	ug/l	96
39) Methylcyclohexane	7.379	83	33198	5.029	ug/l	96
73) Isopropylbenzene	10.963	105	82403	5.186	ug/l	97
85) sec-Butylbenzene	11.890	105	368959	21.946	ug/l	94
89) n-Butylbenzene	12.329	91	198737m	15.023	ug/l	

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

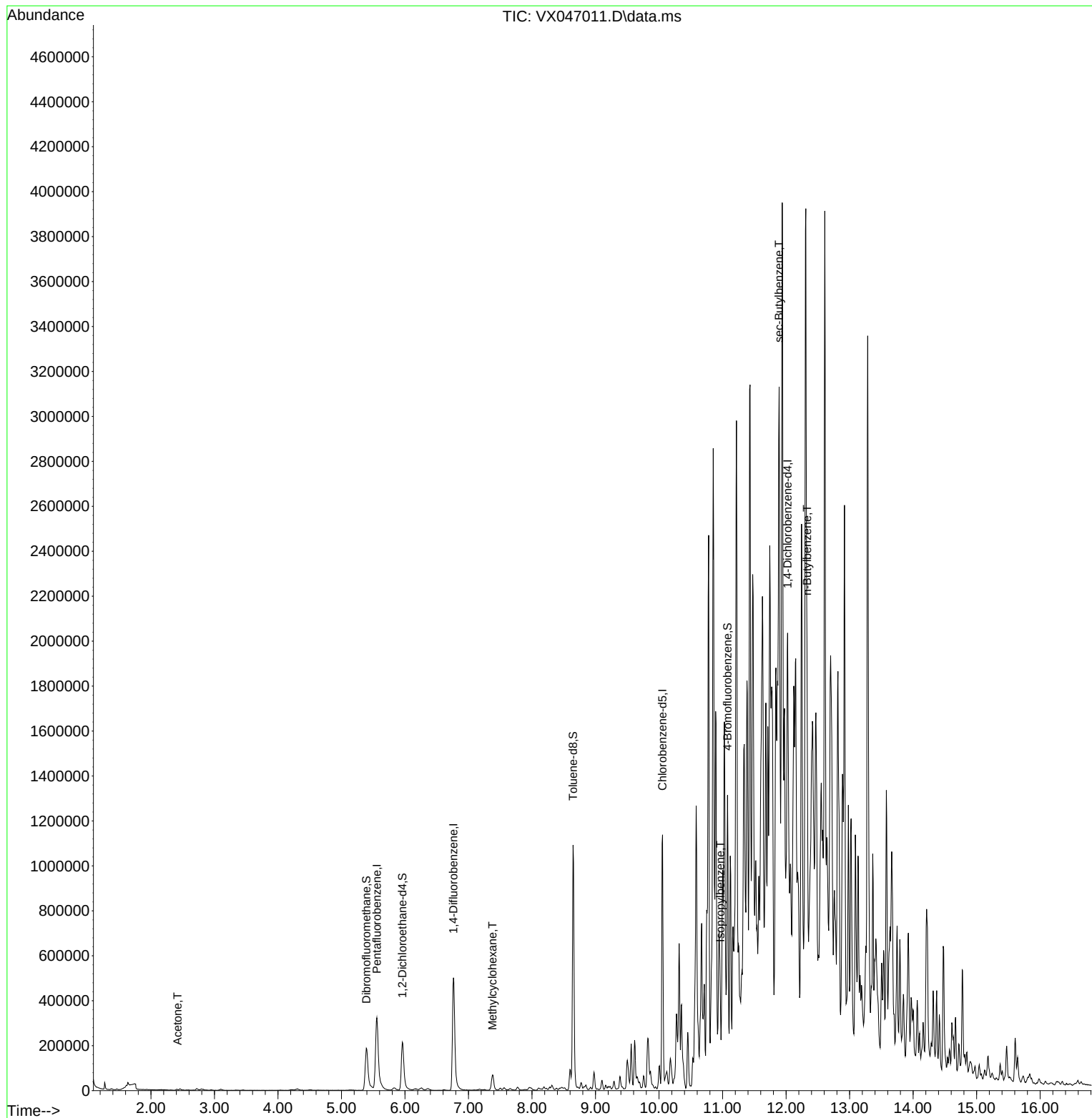
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
Data File : VX047011.D
Acq On : 15 Jul 2025 18:31
Operator : JC/MD
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ALS Vial : 25 Sample Multiplier: 1

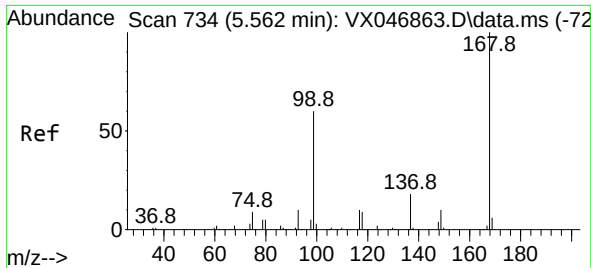
Instrument :
MSVOA_X
ClientSampleId :
TRENCH

Quant Time: Jul 16 02:33:11 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

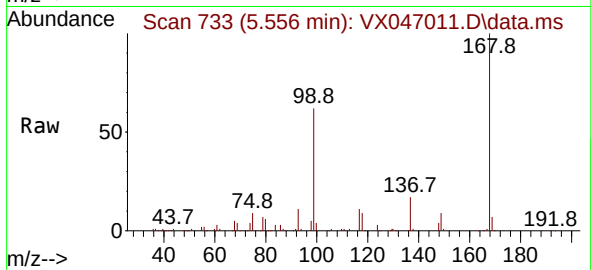
Reviewed By : John Carlone 07/16/2025
Supervised By : Mahesh Dadoda 07/16/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31

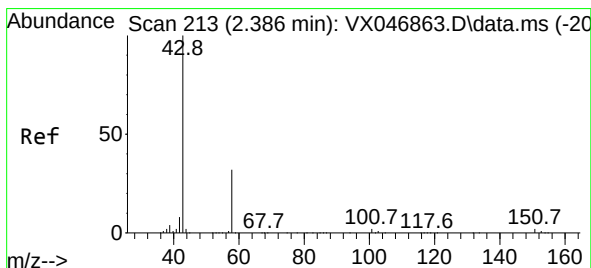
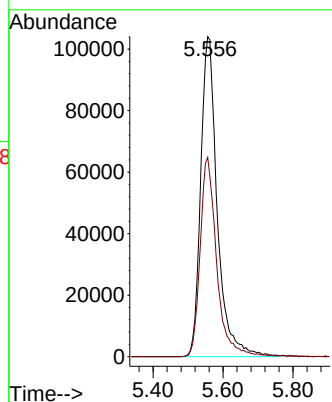
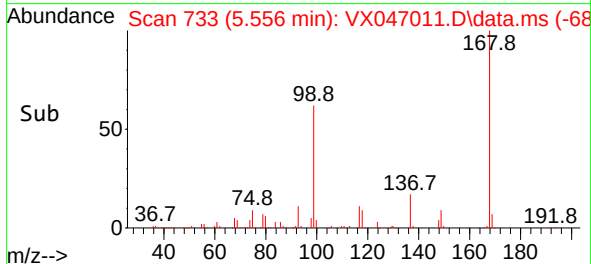
Instrument :
MSVOA_X
ClientSampleId :
TRENCH



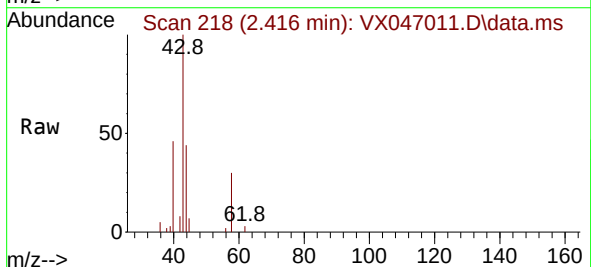
Tgt Ion:168 Resp: 342090
Ion Ratio Lower Upper
168 100
99 62.3 48.8 73.2

Manual Integrations
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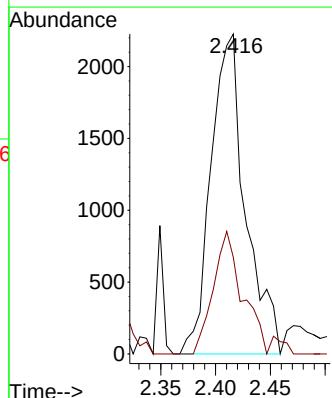
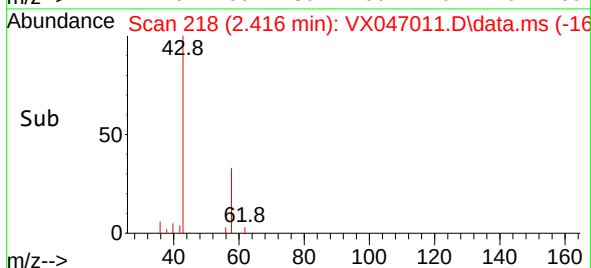
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

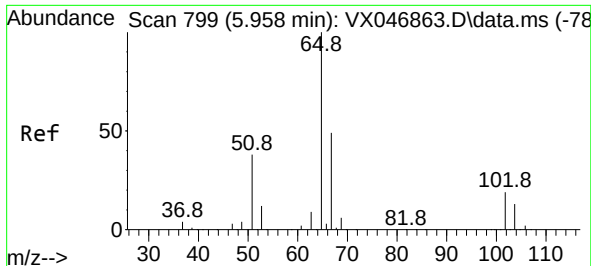


#16
Acetone
Concen: 3.473 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.030 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31



Tgt Ion: 43 Resp: 4876
Ion Ratio Lower Upper
43 100
58 30.2 25.8 38.6





#33

1,2-Dichloroethane-d4

Concen: 51.717 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX047011.D

Acq: 15 Jul 2025 18:31

Instrument :

MSVOA_X

ClientSampleId :

TRENCH

Tgt Ion: 65 Resp: 233730

Ion Ratio Lower Upper

65 100

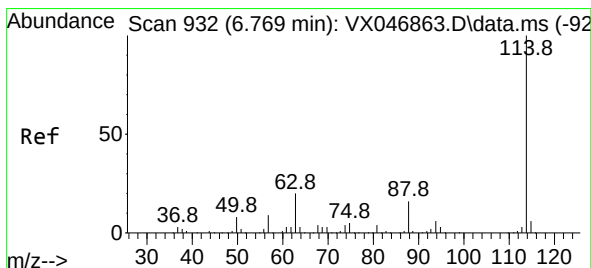
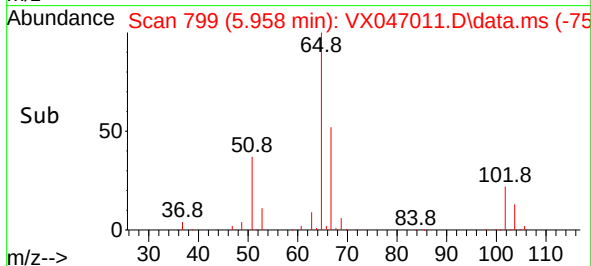
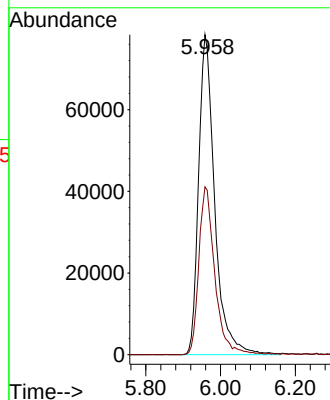
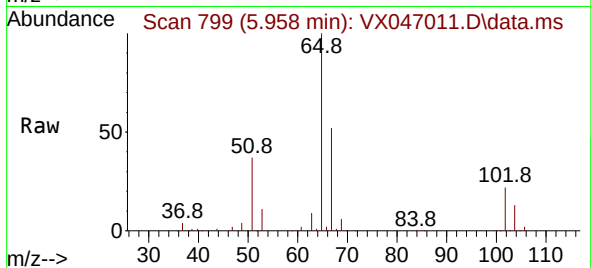
67 52.2 0.0 105.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047011.D

Acq: 15 Jul 2025 18:31

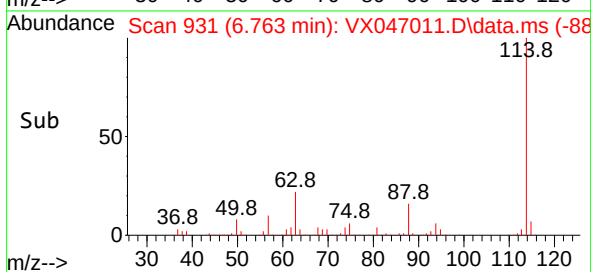
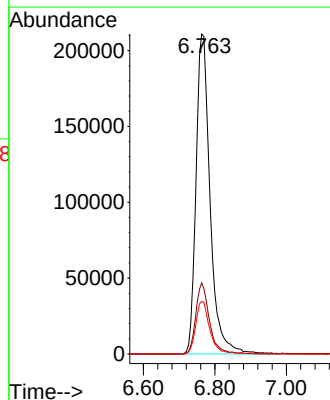
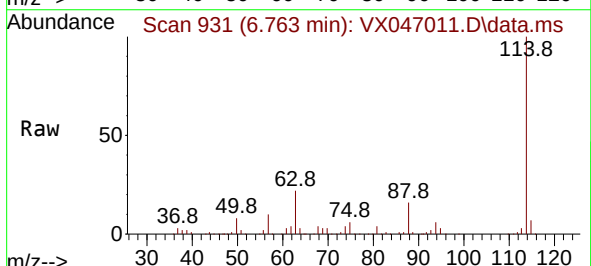
Tgt Ion:114 Resp: 576254

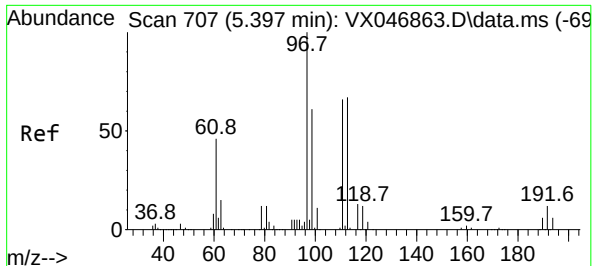
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.4

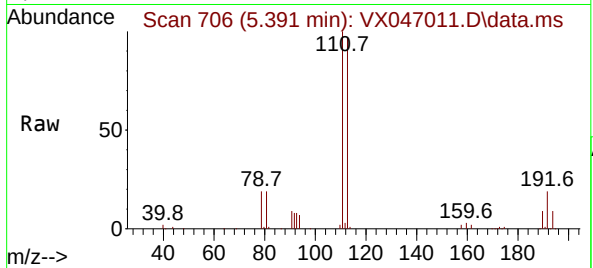
88 16.4 0.0 31.0





#35
Dibromofluoromethane
Concen: 47.103 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31

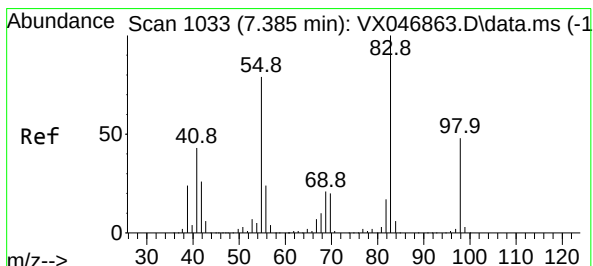
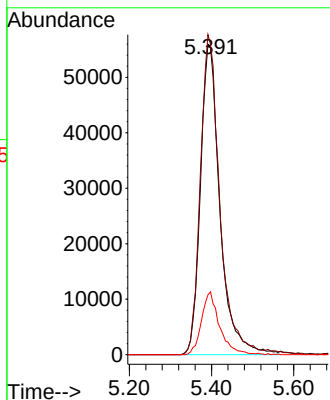
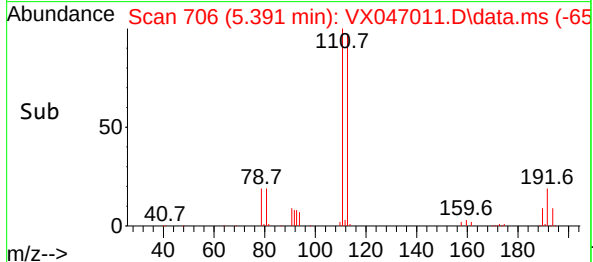
Instrument :
MSVOA_X
ClientSampleId :
TRENCH



Tgt Ion:113 Resp: 18425
Ion Ratio Lower Upper
113 100
111 102.6 81.2 121.8
192 18.9 15.3 22.9

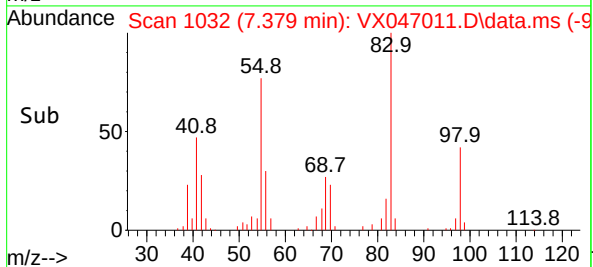
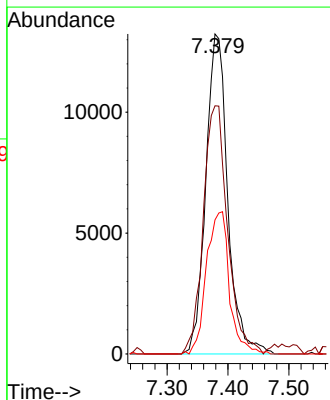
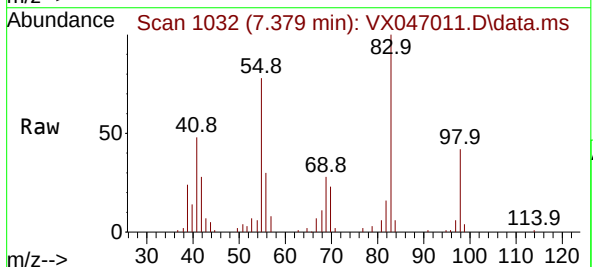
Manual Integrations
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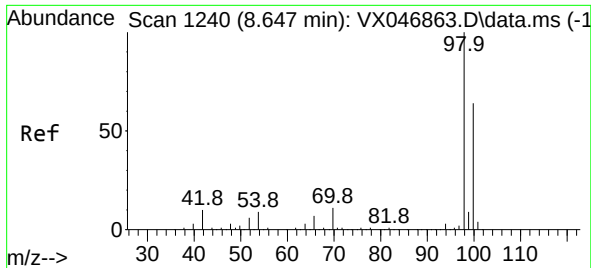
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#39
Methylcyclohexane
Concen: 5.029 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31

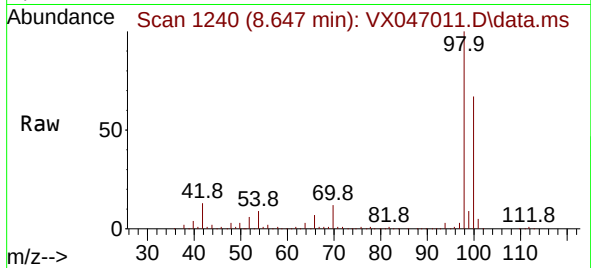
Tgt Ion: 83 Resp: 33198
Ion Ratio Lower Upper
83 100
55 77.5 63.0 94.4
98 41.9 38.5 57.7





#50
Toluene-d8
Concen: 47.564 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31

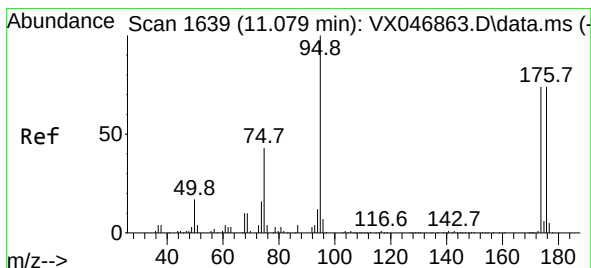
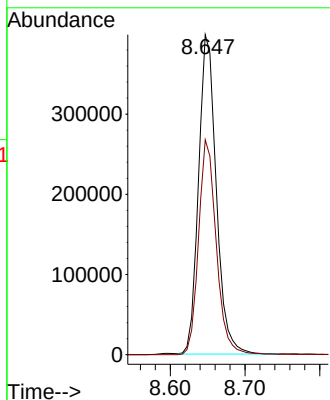
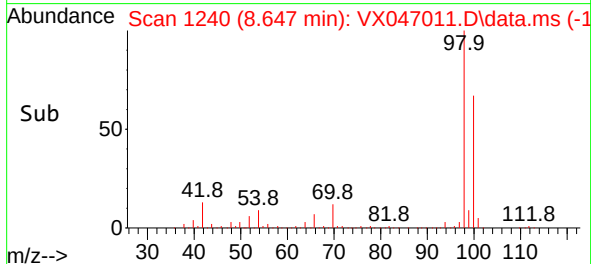
Instrument :
MSVOA_X
ClientSampleId :
TRENCH



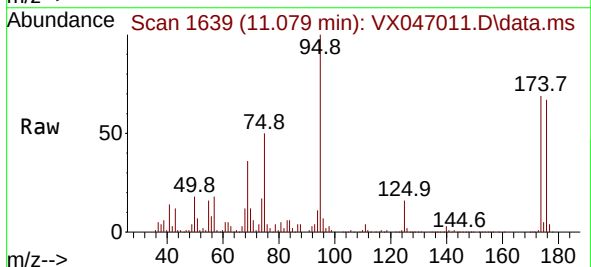
Tgt Ion: 98 Resp: 656434
Ion Ratio Lower Upper
98 100
100 67.2 53.0 79.6

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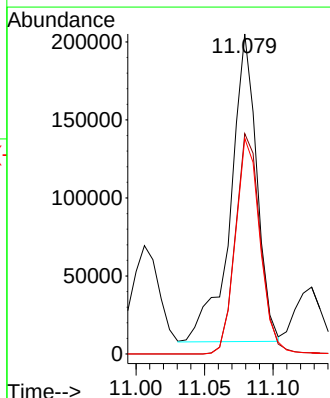
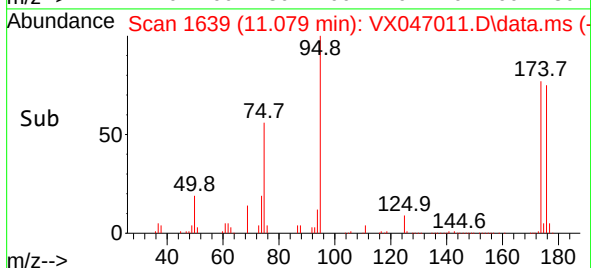
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

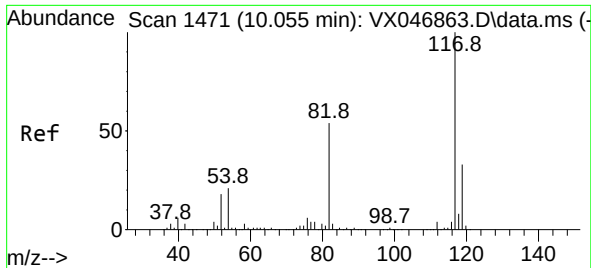


#62
4-Bromofluorobenzene
Concen: 50.130 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31



Tgt Ion: 95 Resp: 262943
Ion Ratio Lower Upper
95 100
174 68.7 0.0 152.0
176 66.2 0.0 145.2





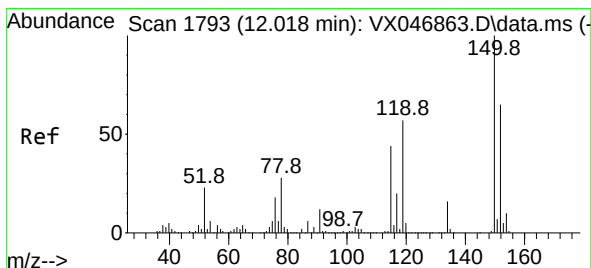
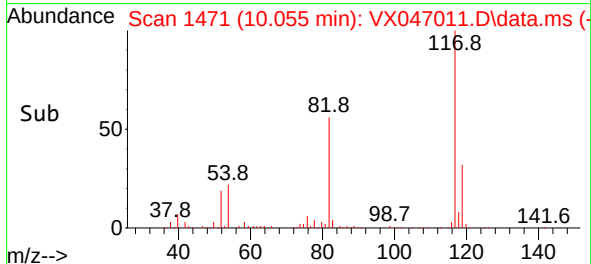
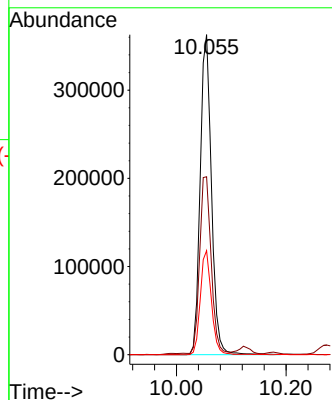
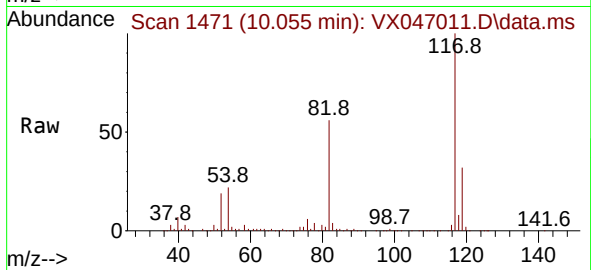
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31

Instrument :
MSVOA_X
ClientSampleId :
TRENCH

Tgt Ion:117 Resp: 51842
Ion Ratio Lower Upper
117 100
82 55.2 43.3 64.9
119 32.5 26.4 39.6

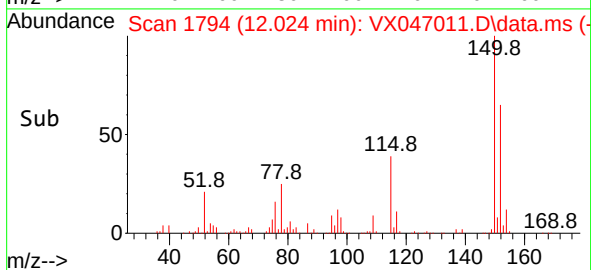
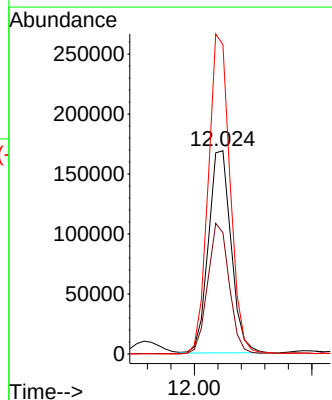
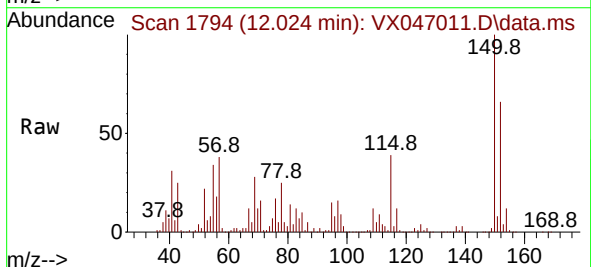
Manual Integrations
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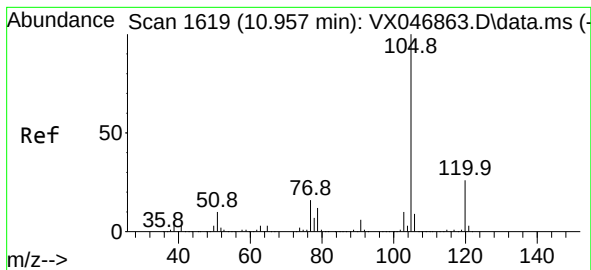
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX047011.D
Acq: 15 Jul 2025 18:31

Tgt Ion:152 Resp: 226022
Ion Ratio Lower Upper
152 100
115 60.9 42.4 127.1
150 152.0 0.0 349.2





#73

Isopropylbenzene

Concen: 5.186 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.006 min

Lab File: VX047011.D

Acq: 15 Jul 2025 18:31

Instrument :

MSVOA_X

ClientSampleId :

TRENCH

Tgt Ion:105 Resp: 8240

Ion Ratio Lower Upper

105 100

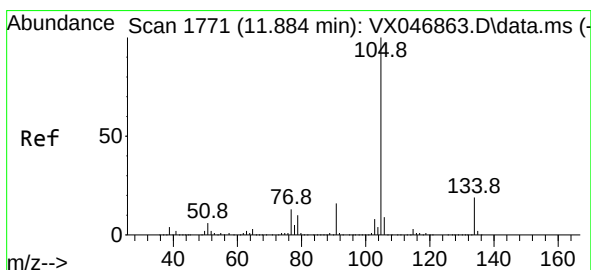
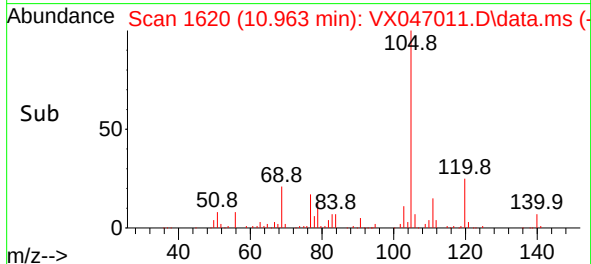
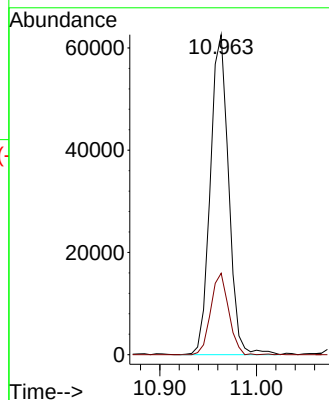
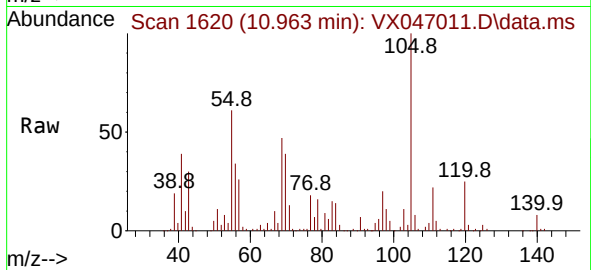
120 24.8 13.2 39.5

Manual Integrations

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#85

sec-Butylbenzene

Concen: 21.946 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VX047011.D

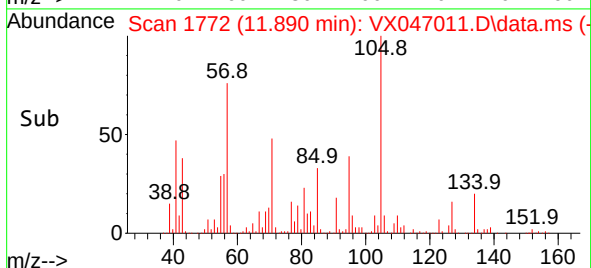
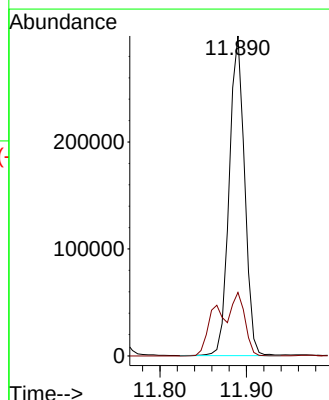
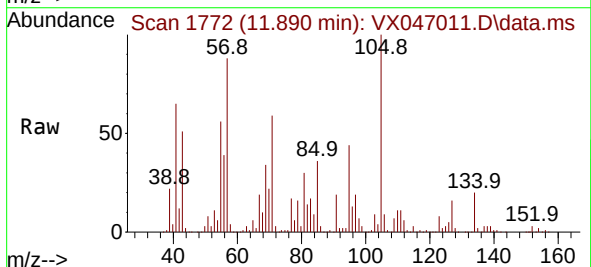
Acq: 15 Jul 2025 18:31

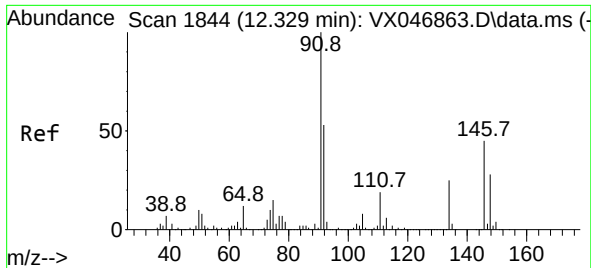
Tgt Ion:105 Resp: 368959

Ion Ratio Lower Upper

105 100

134 17.1 9.9 29.7





#89

n-Butylbenzene

Concen: 15.023 ug/l m

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX047011.D

Acq: 15 Jul 2025 18:31

Instrument :

MSVOA_X

ClientSampleId :

TRENCH

Tgt Ion: 91 Resp: 19873

Ion Ratio Lower Upper

91 100

92 57.0 27.0 81.0

134 48.5 12.8 38.4

Manual Integrations

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