

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092325\
 Data File : VX047722.D
 Acq On : 23 Sep 2025 10:48
 Operator : JC/MD
 Sample : VX0923WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/24/2025
 Supervised By : Mahesh Dadoda 09/26/2025

Quant Time: Sep 24 01:27:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.537	168	177289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.744	114	322501	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	299888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	152010	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	137693	48.793	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.580%		
35) Dibromofluoromethane	5.367	113	103525	47.865	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.720%		
50) Toluene-d8	8.634	98	346350	46.279	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.560%		
62) 4-Bromofluorobenzene	11.061	95	138737	48.846	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	35012	19.071	ug/l	96
3) Chloromethane	1.300	50	43108	17.866	ug/l	99
4) Vinyl Chloride	1.379	62	42551	18.016	ug/l	96
5) Bromomethane	1.617	94	29622	19.778	ug/l	99
6) Chloroethane	1.696	64	27339	17.319	ug/l	99
7) Trichlorofluoromethane	1.898	101	59974	17.102	ug/l	99
8) Diethyl Ether	2.135	74	24359	16.980	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.337	101	34971	17.054	ug/l	99
10) Methyl Iodide	2.458	142	50097	15.665	ug/l	99
11) Tert butyl alcohol	2.940	59	23514	74.815	ug/l	99
12) 1,1-Dichloroethene	2.324	96	35678	16.938	ug/l	98
13) Acrolein	2.233	56	26502	91.504	ug/l	99
14) Allyl chloride	2.666	41	70217	16.155	ug/l	96
15) Acrylonitrile	3.056	53	101533	87.215	ug/l	99
16) Acetone	2.373	43	96618	78.743	ug/l	99
17) Carbon Disulfide	2.513	76	100312	17.396	ug/l	98
18) Methyl Acetate	2.696	43	46752	17.121	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	130844	17.017	ug/l	99
20) Methylene Chloride	2.788	84	44978	17.318	ug/l	95
21) trans-1,2-Dichloroethene	3.086	96	39574	17.451	ug/l	96
22) Diisopropyl ether	3.751	45	146979	17.448	ug/l	96
23) Vinyl Acetate	3.714	43	576549	85.517	ug/l	99
24) 1,1-Dichloroethane	3.605	63	76887	17.173	ug/l	96
25) 2-Butanone	4.537	43	126717	82.792	ug/l	99
26) 2,2-Dichloropropane	4.458	77	62464	16.783	ug/l	99
27) cis-1,2-Dichloroethene	4.476	96	48925	17.616	ug/l	96
28) Bromochloromethane	4.885	49	33516	17.147	ug/l	97
29) Tetrahydrofuran	4.989	42	77241	83.890	ug/l	99
30) Chloroform	5.074	83	79171	17.499	ug/l	99
31) Cyclohexane	5.452	56	62292	16.705	ug/l	97
32) 1,1,1-Trichloroethane	5.367	97	64718	16.864	ug/l	99
36) 1,1-Dichloropropene	5.677	75	50963	16.125	ug/l	98
37) Ethyl Acetate	4.690	43	52484	15.510	ug/l	100
38) Carbon Tetrachloride	5.659	117	54907	15.990	ug/l	96
39) Methylcyclohexane	7.366	83	56945	15.873	ug/l	97
40) Benzene	6.025	78	165305	17.221	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.903	41	28937	16.564	ug/l	98
42) 1,2-Dichloroethane	6.068	62	61242	16.768	ug/l	98
43) Isopropyl Acetate	6.318	43	92375	16.644	ug/l	100
44) Trichloroethene	7.110	130	40129	17.292	ug/l	94
45) 1,2-Dichloropropane	7.415	63	42032	17.100	ug/l	98
46) Dibromomethane	7.561	93	30810	17.225	ug/l	99
47) Bromodichloromethane	7.805	83	62567	16.951	ug/l	96
48) Methyl methacrylate	7.677	41	45405	16.425	ug/l	97
49) 1,4-Dioxane	7.647	88	10479	375.083	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	265960	86.432	ug/l	99
52) Toluene	8.701	92	99135	16.763	ug/l	98
53) t-1,3-Dichloropropene	8.963	75	62147	16.507	ug/l	98
54) cis-1,3-Dichloropropene	8.348	75	68379	16.992	ug/l	99
55) 1,1,2-Trichloroethane	9.134	97	39900	17.497	ug/l	98
56) Ethyl methacrylate	9.098	69	60478	16.887	ug/l	97
57) 1,3-Dichloropropane	9.293	76	67974	17.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	143654	91.233	ug/l	99
59) 2-Hexanone	9.415	43	186240	84.272	ug/l	99
60) Dibromochloromethane	9.506	129	45791	17.427	ug/l	99
61) 1,2-Dibromoethane	9.591	107	40629	17.492	ug/l	98
64) Tetrachloroethene	9.256	164	31485	16.105	ug/l	98
65) Chlorobenzene	10.061	112	111047	16.300	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	38732	16.475	ug/l	99
67) Ethyl Benzene	10.177	91	187606	15.960	ug/l	99
68) m/p-Xylenes	10.286	106	141366	32.310	ug/l	99
69) o-Xylene	10.628	106	68274	16.133	ug/l	99
70) Styrene	10.640	104	121512	16.387	ug/l	98
71) Bromoform	10.780	173	28409	16.184	ug/l #	96
73) Isopropylbenzene	10.945	105	175814	15.213	ug/l	100
74) N-amyl acetate	10.829	43	79402	15.067	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	56088	16.041	ug/l	100
76) 1,2,3-Trichloropropane	11.225	75	54069m	17.568	ug/l	
77) Bromobenzene	11.183	156	45130	15.855	ug/l	97
78) n-propylbenzene	11.286	91	206369	15.106	ug/l	99
79) 2-Chlorotoluene	11.347	91	127416	15.228	ug/l	98
80) 1,3,5-Trimethylbenzene	11.432	105	144178	15.185	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	17027	14.108	ug/l	98
82) 4-Chlorotoluene	11.439	91	154088	15.592	ug/l	99
83) tert-Butylbenzene	11.695	119	146252	15.047	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	147644	15.338	ug/l	100
85) sec-Butylbenzene	11.871	105	174002	15.072	ug/l	100
86) p-Isopropyltoluene	11.993	119	146243	14.962	ug/l	99
87) 1,3-Dichlorobenzene	11.951	146	81531	15.421	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	84322	15.540	ug/l	99
89) n-Butylbenzene	12.316	91	133463	14.757	ug/l	100
90) Hexachloroethane	12.518	117	24897	14.508	ug/l	98
91) 1,2-Dichlorobenzene	12.316	146	79545	15.793	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.920	75	10018	14.152	ug/l	96
93) 1,2,4-Trichlorobenzene	13.566	180	49475	15.114	ug/l	97
94) Hexachlorobutadiene	13.706	225	15842	14.248	ug/l	98
95) Naphthalene	13.755	128	142481	14.294	ug/l	100
96) 1,2,3-Trichlorobenzene	13.944	180	45281	14.870	ug/l	98

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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QLast Update : Wed Sep 17 06:39:58 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

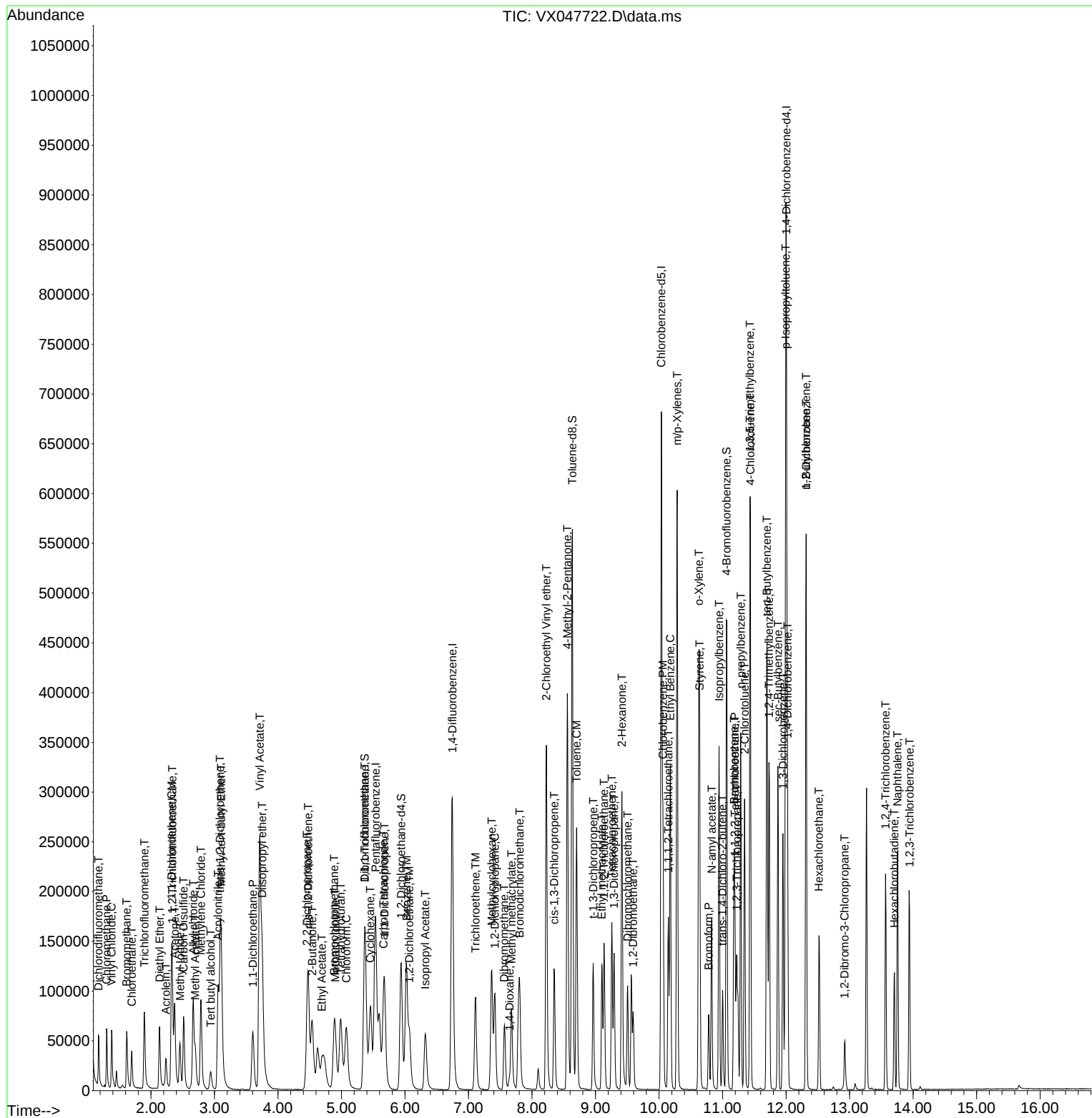
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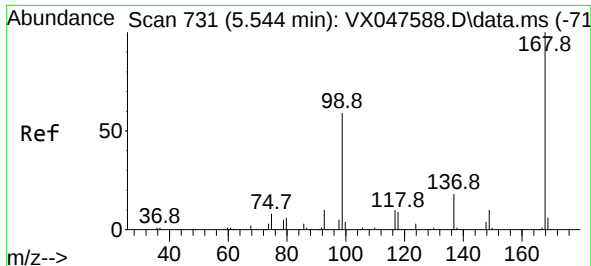
Instrument :
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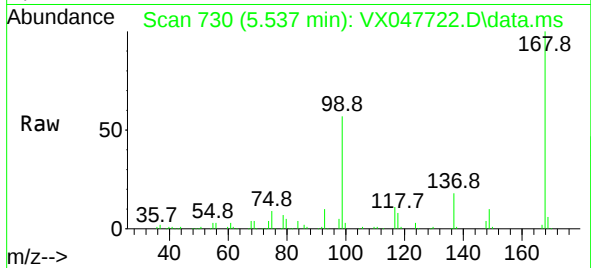
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.007 min
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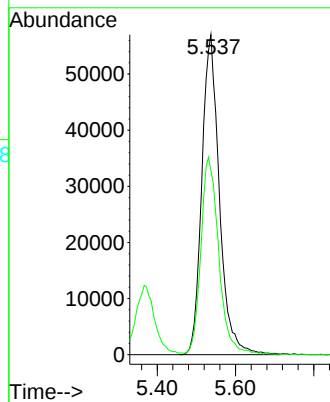
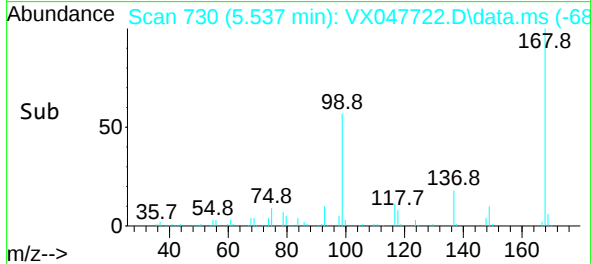
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion:168 Resp: 177289
Ion Ratio Lower Upper
168 100
99 57.3 48.8 73.2

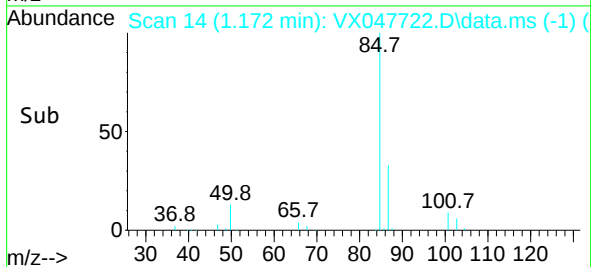
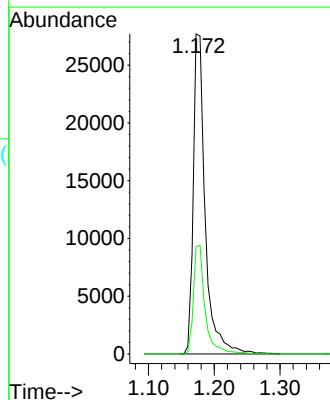
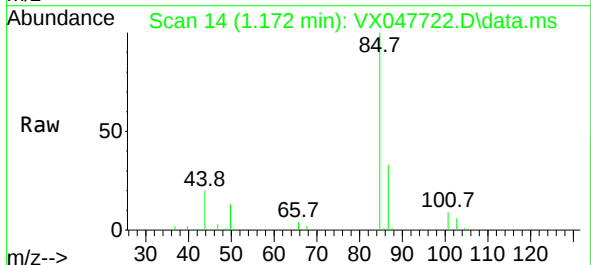
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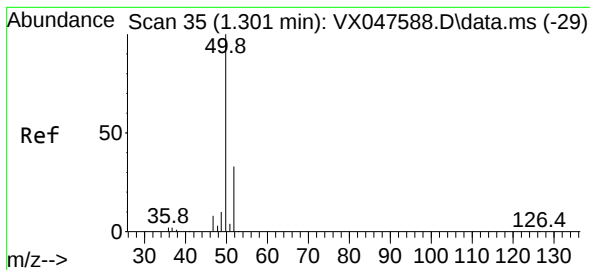
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#2
Dichlorodifluoromethane
Concen: 19.071 ug/l
RT: 1.172 min Scan# 14
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

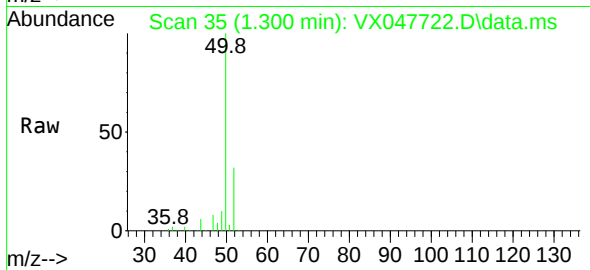
Tgt Ion: 85 Resp: 35012
Ion Ratio Lower Upper
85 100
87 34.0 15.8 47.3





#3
Chloromethane
Concen: 17.866 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

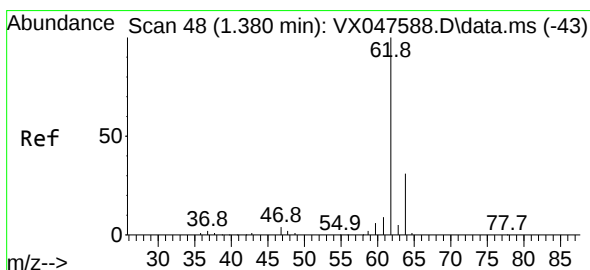
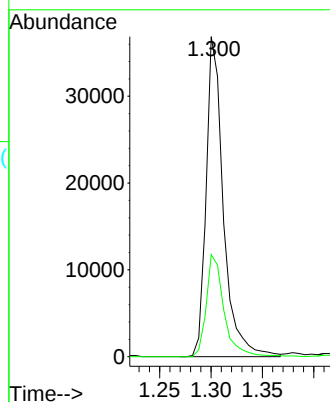
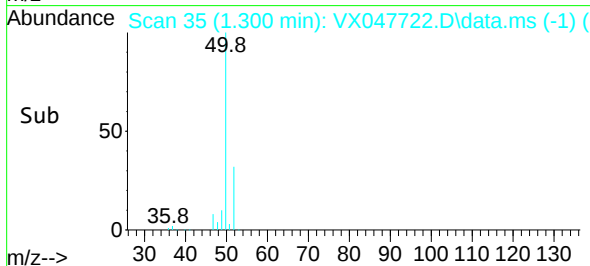
Instrument :
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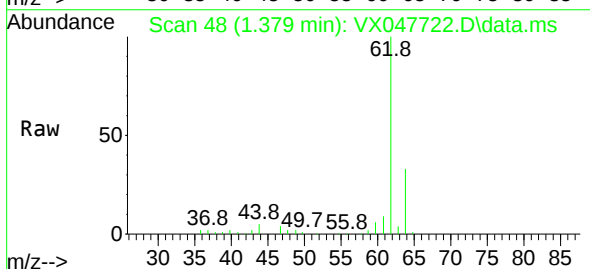
Tgt Ion: 50 Resp: 43108
Ion Ratio Lower Upper
50 100
52 31.9 26.1 39.1

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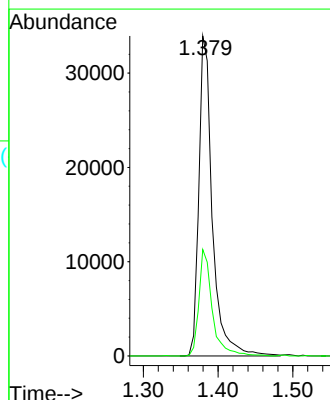
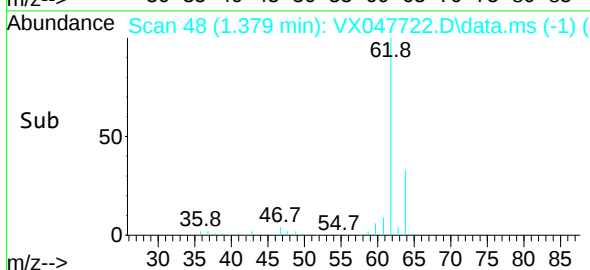
Reviewed By :John Carlone 09/24/2025
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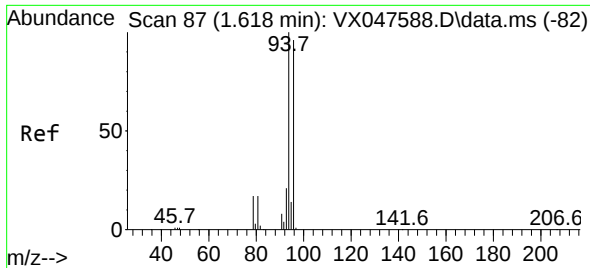


#4
Vinyl Chloride
Concen: 18.016 ug/l
RT: 1.379 min Scan# 48
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



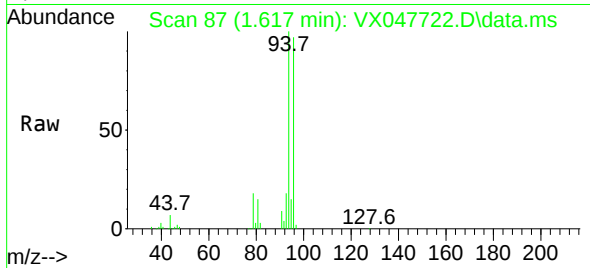
Tgt Ion: 62 Resp: 42551
Ion Ratio Lower Upper
62 100
64 33.2 24.9 37.3





#5
Bromomethane
Concen: 19.778 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX047722.D
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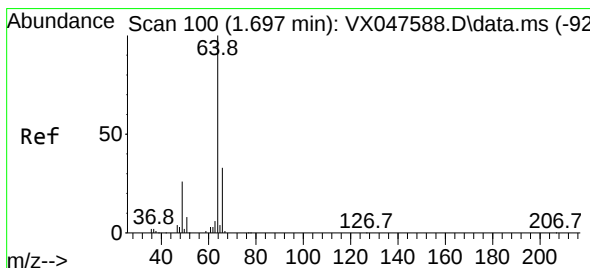
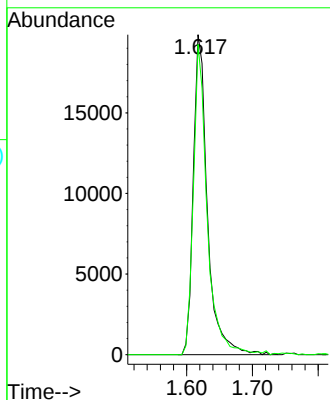
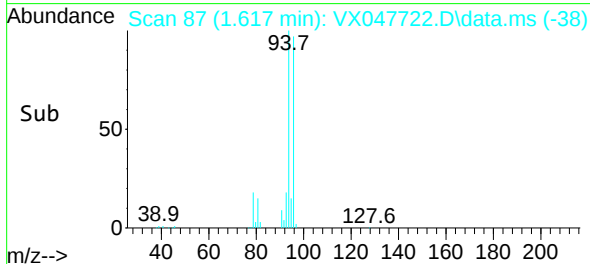
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Tgt Ion: 94 Resp: 2962
Ion Ratio Lower Upper
94 100
96 96.9 76.6 115.0

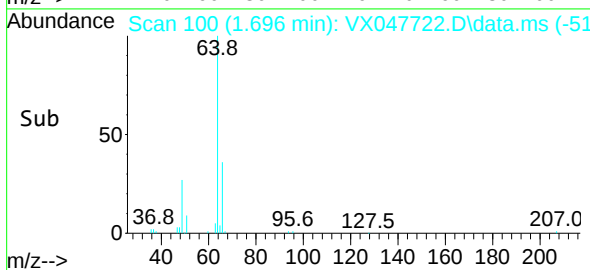
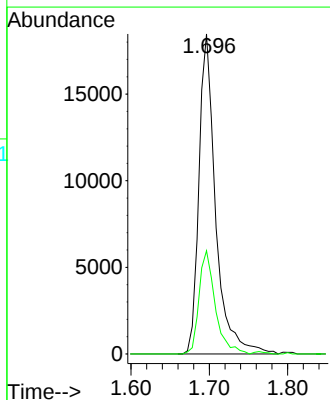
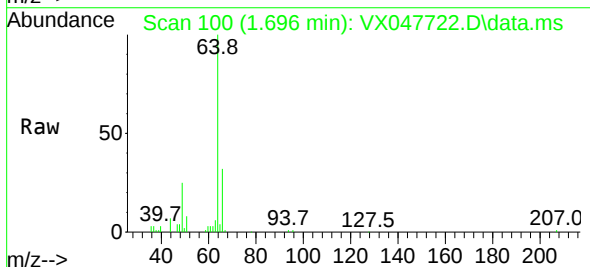
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#6
Chloroethane
Concen: 17.319 ug/l
RT: 1.696 min Scan# 100
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

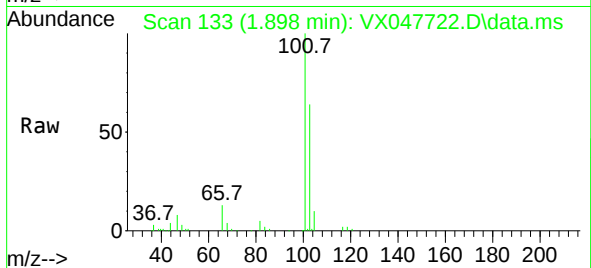
Tgt Ion: 64 Resp: 27339
Ion Ratio Lower Upper
64 100
66 32.3 26.1 39.1





#7
Trichlorofluoromethane
Concen: 17.102 ug/l
RT: 1.898 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

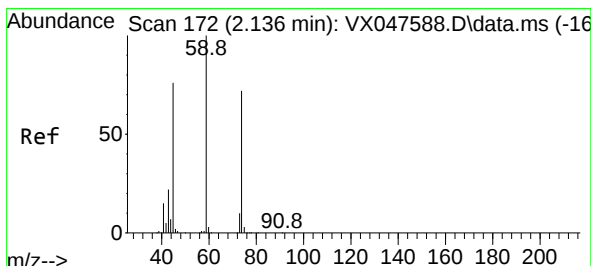
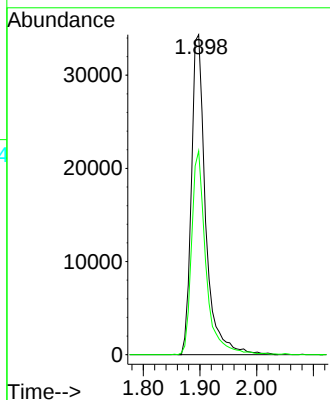
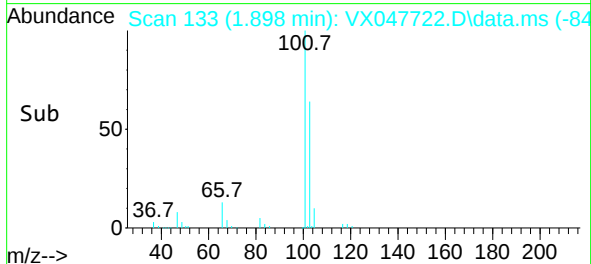
Instrument :
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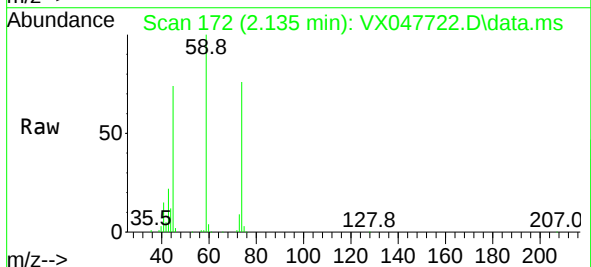
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Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

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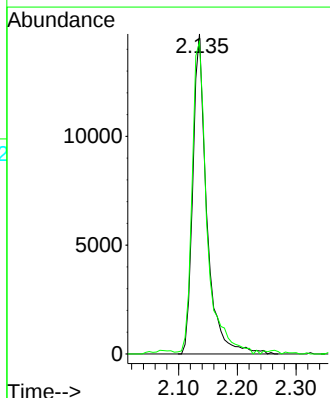
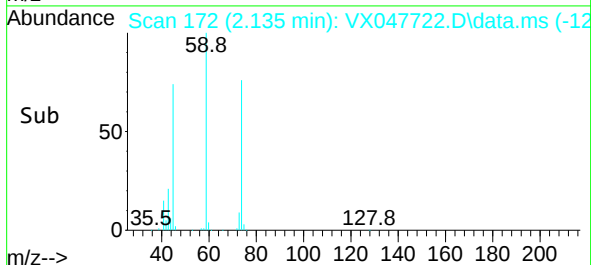
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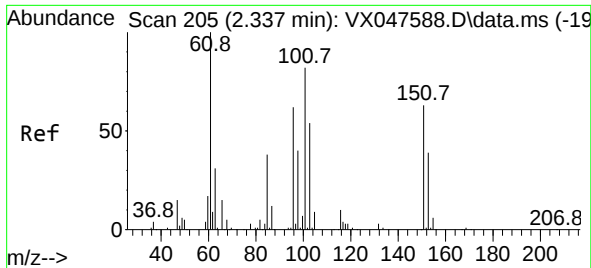


#8
Diethyl Ether
Concen: 16.980 ug/l
RT: 2.135 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX047722.D
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Tgt Ion: 74 Resp: 24359
Ion Ratio Lower Upper
74 100
45 104.6 52.3 156.8





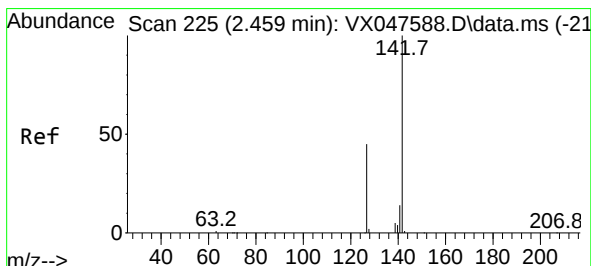
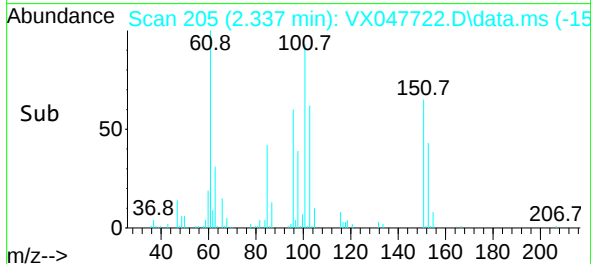
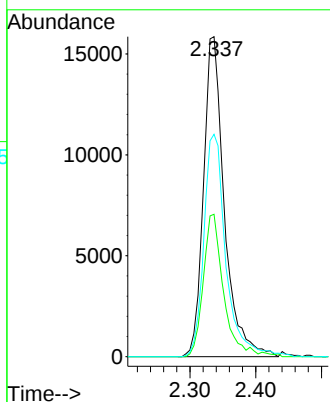
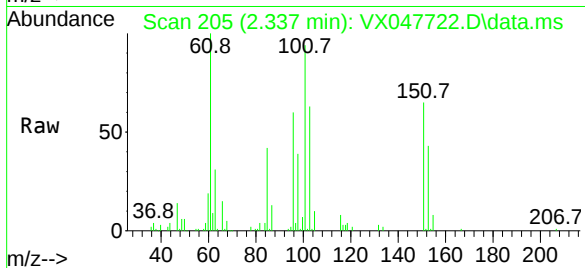
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.054 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion:101 Resp: 3497
Ion Ratio Lower Upper
101 100
85 43.6 35.5 53.3
151 73.4 59.4 89.0

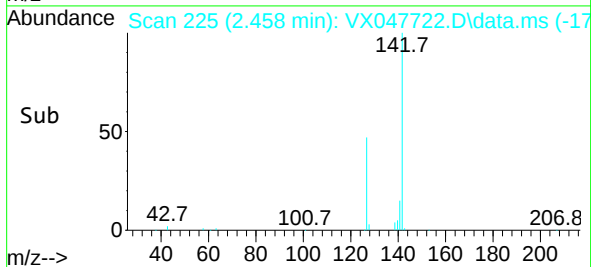
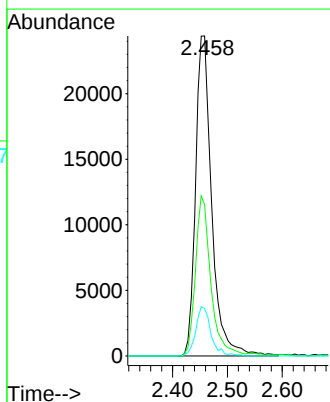
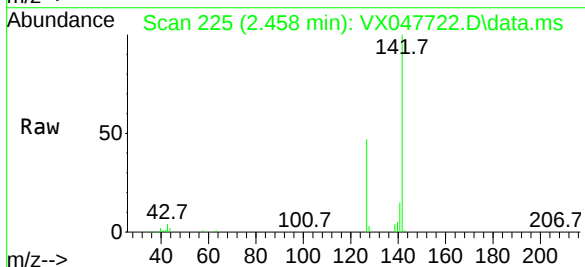
Manual Integrations
APPROVED

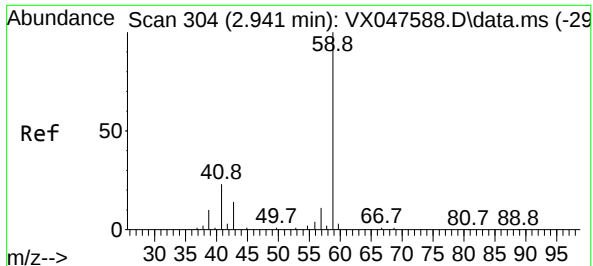
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#10
Methyl Iodide
Concen: 15.665 ug/l
RT: 2.458 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

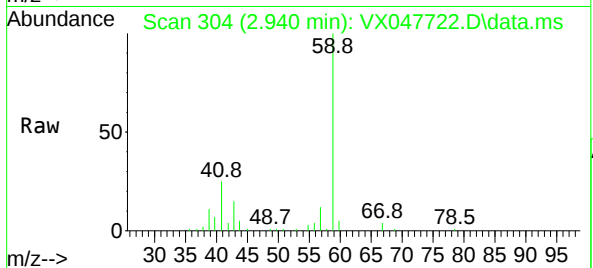
Tgt Ion:142 Resp: 50097
Ion Ratio Lower Upper
142 100
127 47.4 37.2 55.8
141 14.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 74.815 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

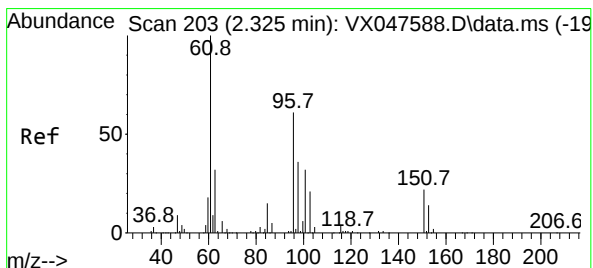
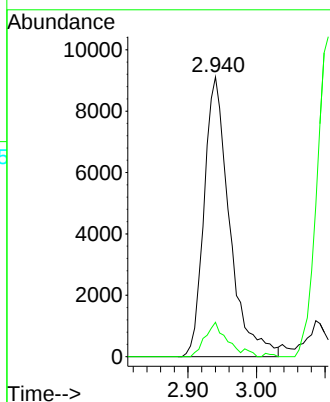
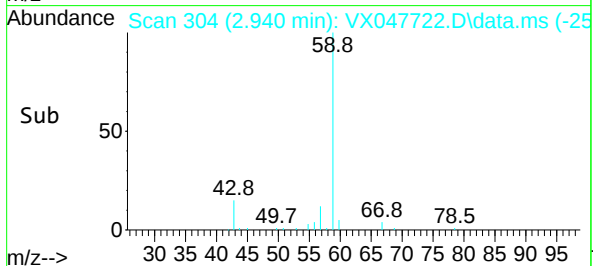
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



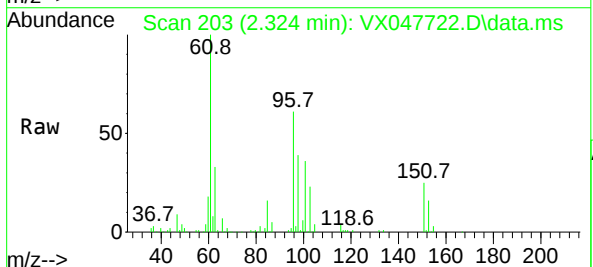
Tgt Ion: 59 Resp: 23514
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

Manual Integrations
APPROVED

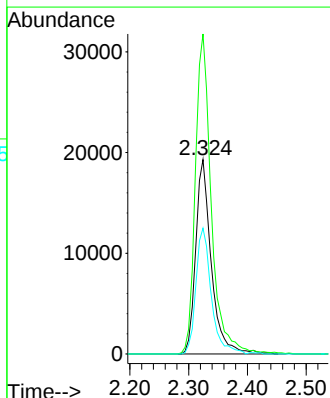
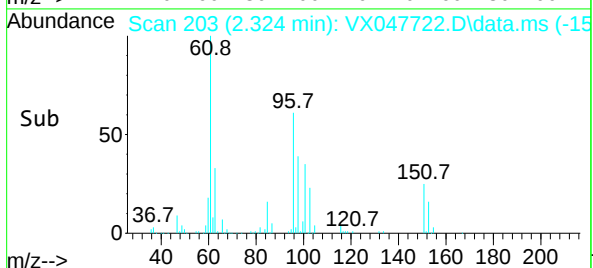
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#12
1,1-Dichloroethene
Concen: 16.938 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.001 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



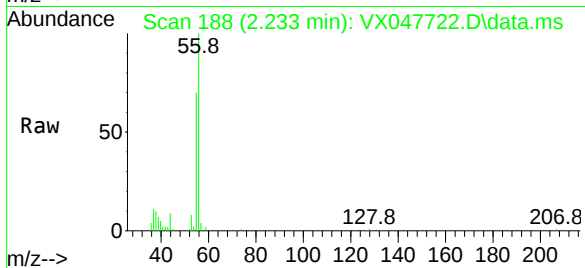
Tgt Ion: 96 Resp: 35678
Ion Ratio Lower Upper
96 100
61 164.6 131.0 196.6
98 64.7 47.7 71.5





#13
Acrolein
Concen: 91.504 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

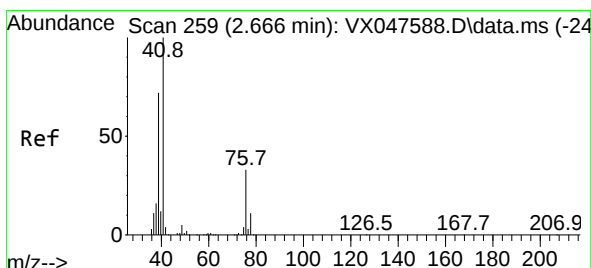
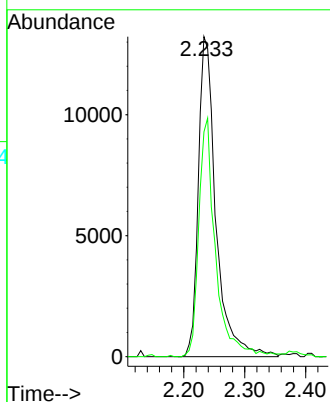
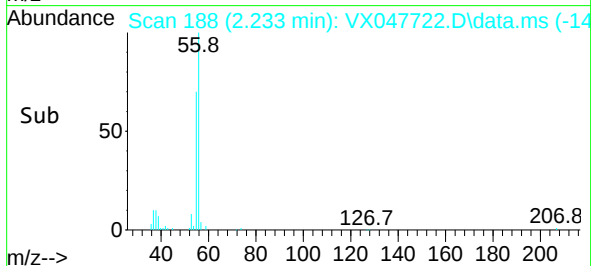
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



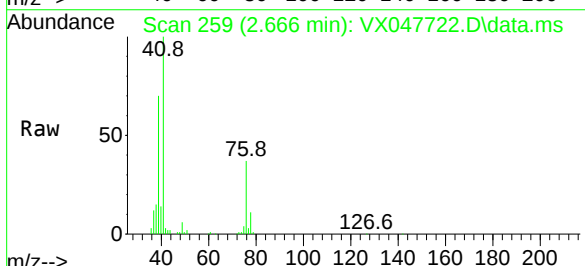
Tgt Ion: 56 Resp: 2650
Ion Ratio Lower Upper
56 100
55 71.0 57.2 85.8

Manual Integrations
APPROVED

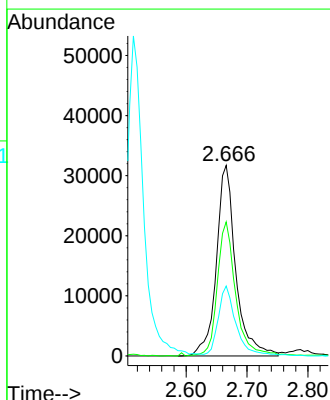
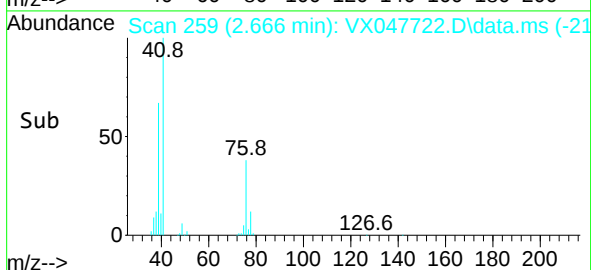
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

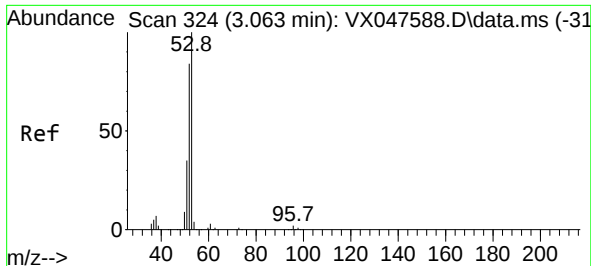


#14
Allyl chloride
Concen: 16.155 ug/l
RT: 2.666 min Scan# 259
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



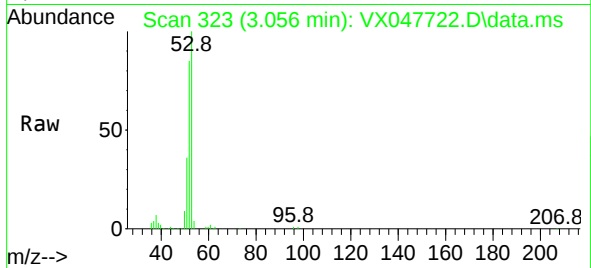
Tgt Ion: 41 Resp: 70217
Ion Ratio Lower Upper
41 100
39 65.4 54.7 82.1
76 34.0 25.7 38.5





#15
Acrylonitrile
Concen: 87.215 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

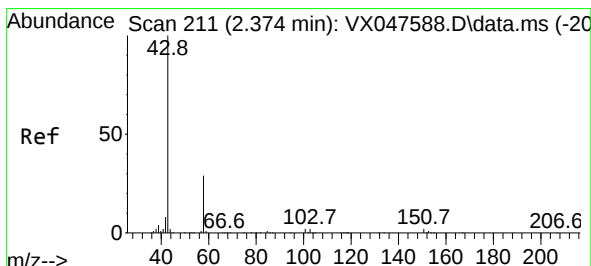
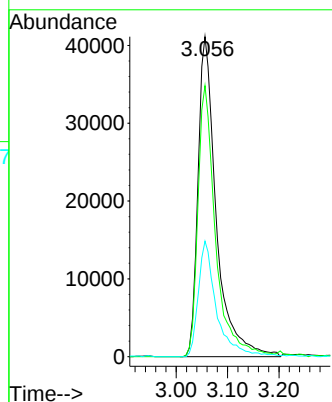
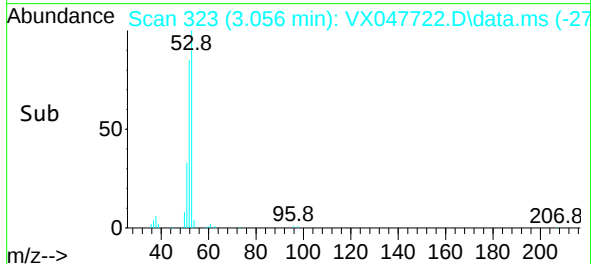
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 53 Resp: 10153
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 36.3 29.5 44.3

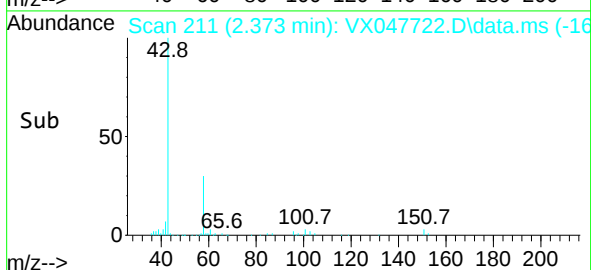
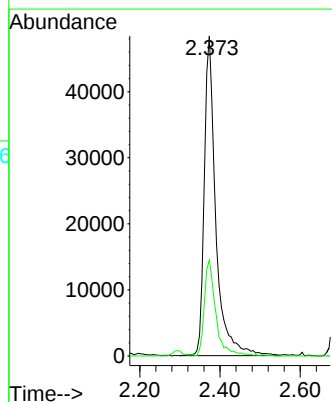
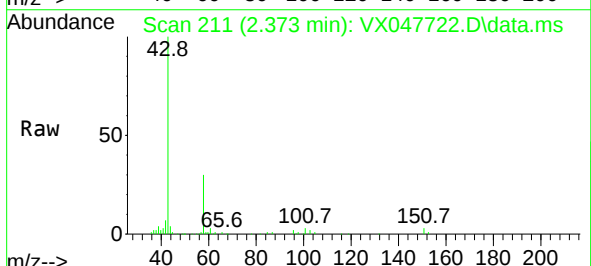
Manual Integrations
APPROVED

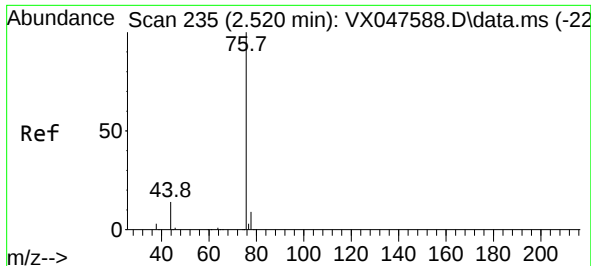
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#16
Acetone
Concen: 78.743 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Tgt Ion: 43 Resp: 96618
Ion Ratio Lower Upper
43 100
58 29.9 23.4 35.0





#17

Carbon Disulfide

Concen: 17.396 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.007 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

Tgt Ion: 76 Resp: 10031

Ion Ratio Lower Upper

76 100

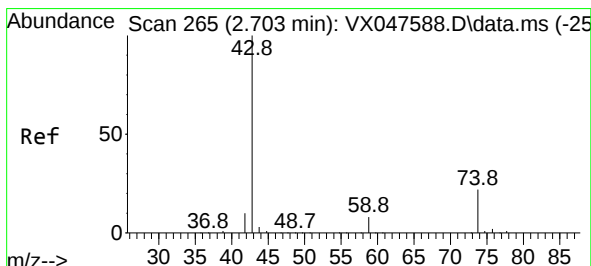
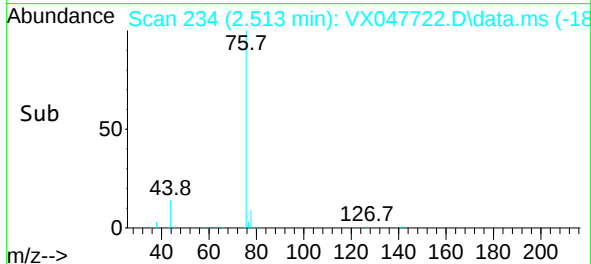
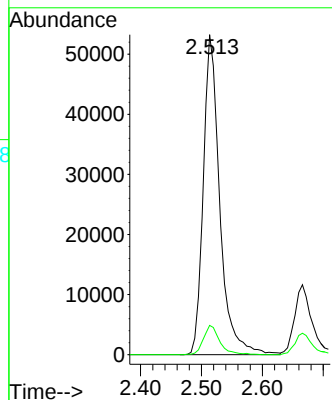
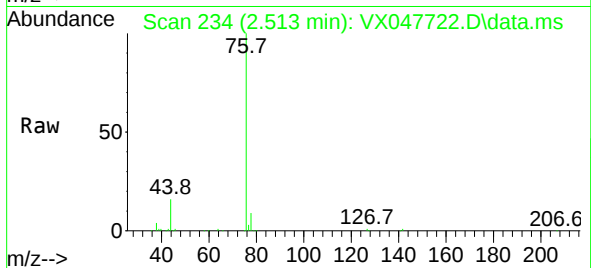
78 9.2 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#18

Methyl Acetate

Concen: 17.121 ug/l

RT: 2.696 min Scan# 264

Delta R.T. -0.007 min

Lab File: VX047722.D

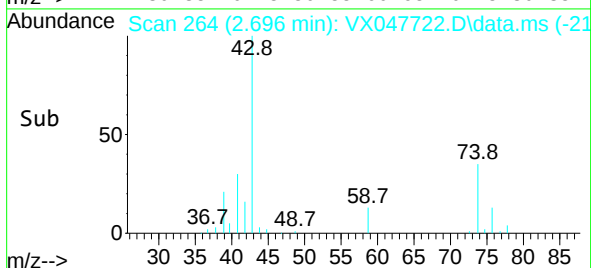
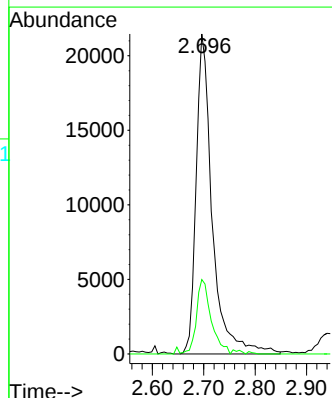
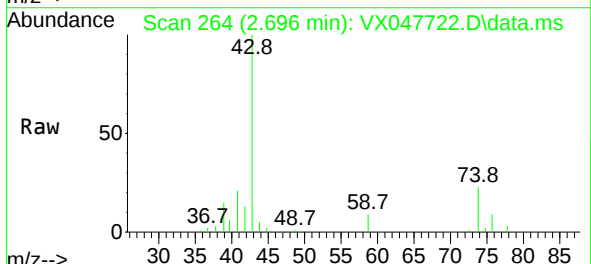
Acq: 23 Sep 2025 10:48

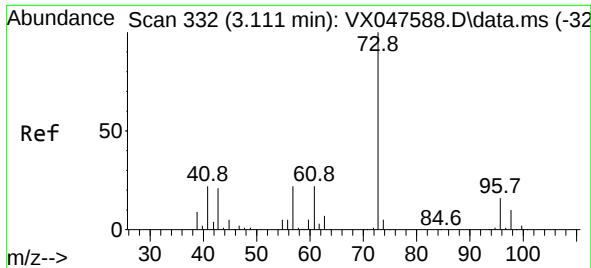
Tgt Ion: 43 Resp: 46752

Ion Ratio Lower Upper

43 100

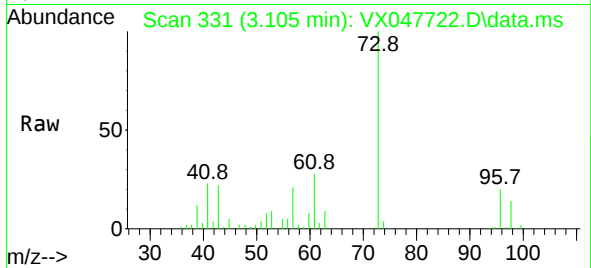
74 21.0 17.4 26.2





#19
Methyl tert-butyl Ether
Concen: 17.017 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

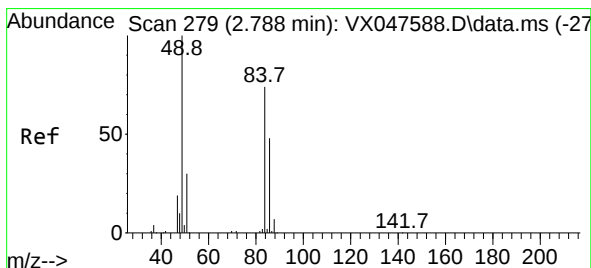
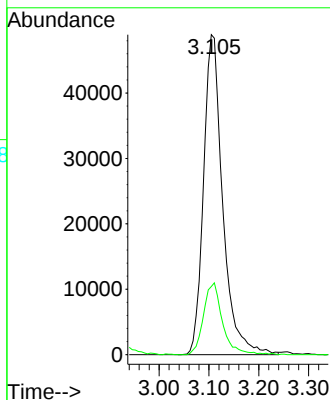
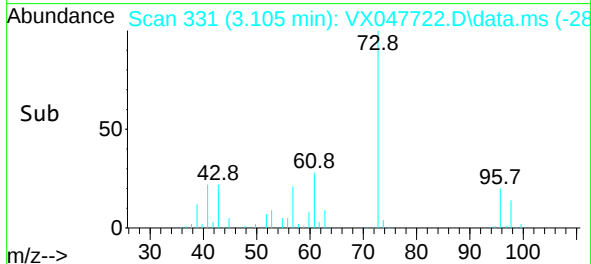
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 73 Resp: 130844
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.2

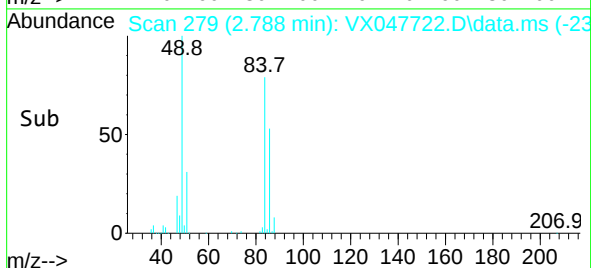
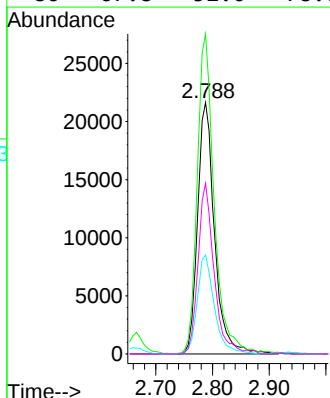
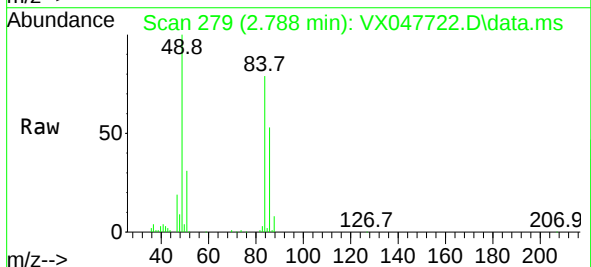
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#20
Methylene Chloride
Concen: 17.318 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

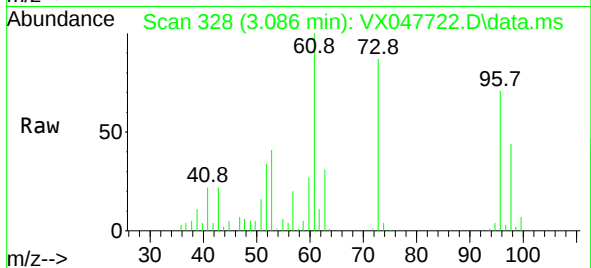
Tgt Ion: 84 Resp: 44978
Ion Ratio Lower Upper
84 100
49 127.0 108.6 162.8
51 39.3 32.6 48.8
86 67.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 17.451 ug/l
RT: 3.086 min Scan# 31
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

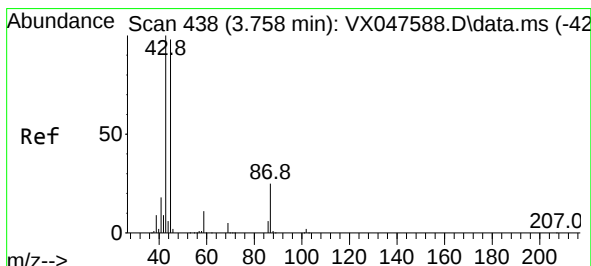
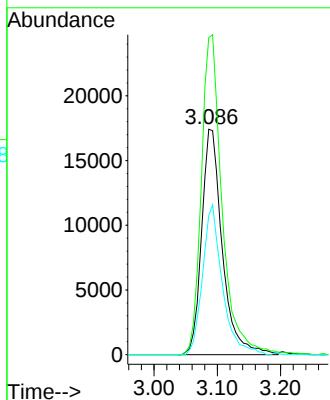
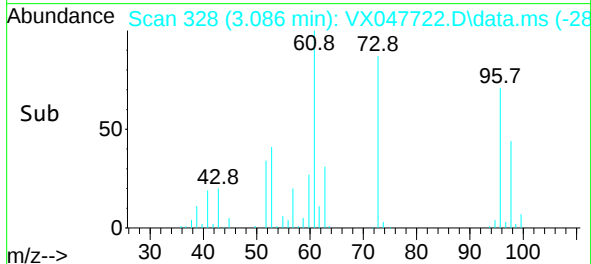
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 96 Resp: 39574
Ion Ratio Lower Upper
96 100
61 140.6 116.2 174.2
98 64.3 49.3 73.9

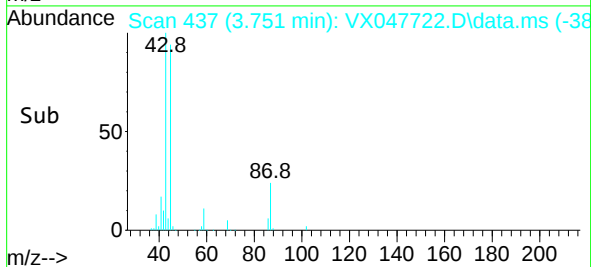
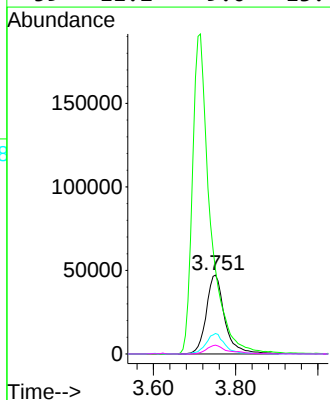
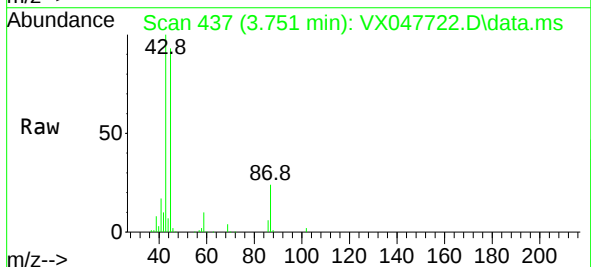
Manual Integrations
APPROVED

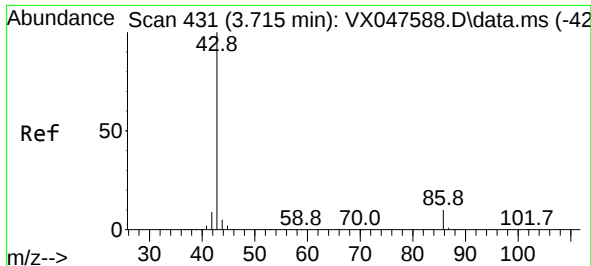
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#22
Diisopropyl ether
Concen: 17.448 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

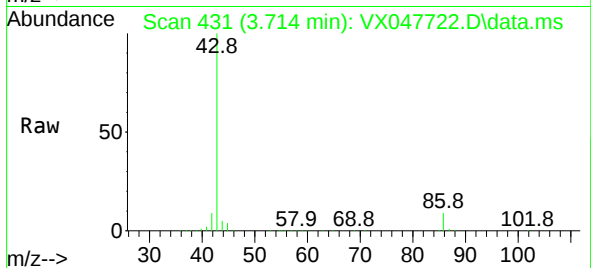
Tgt Ion: 45 Resp: 146979
Ion Ratio Lower Upper
45 100
43 106.7 81.0 121.4
87 26.0 20.3 30.5
59 11.2 9.0 13.4





#23
 Vinyl Acetate
 Concen: 85.517 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX047722.D
 Acq: 23 Sep 2025 10:48

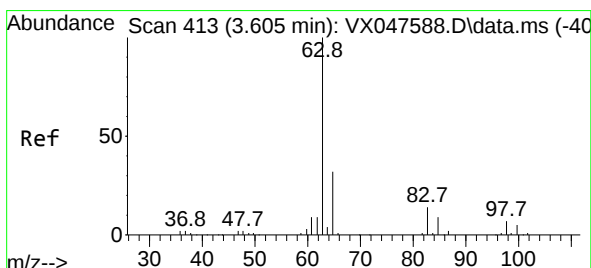
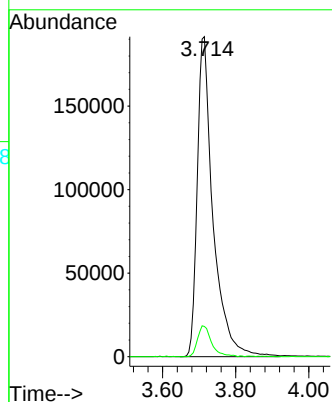
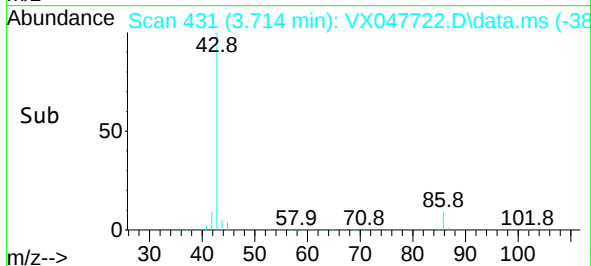
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01



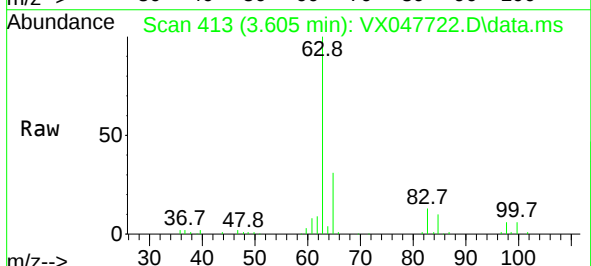
Tgt Ion: 43 Resp: 576549
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.8

Manual Integrations
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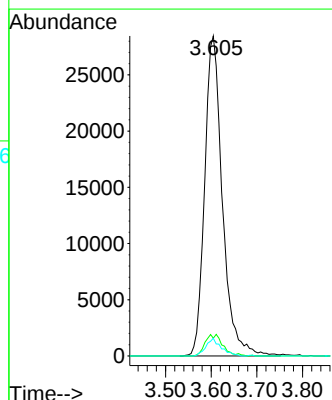
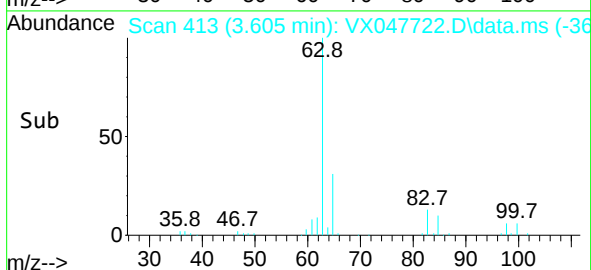
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025

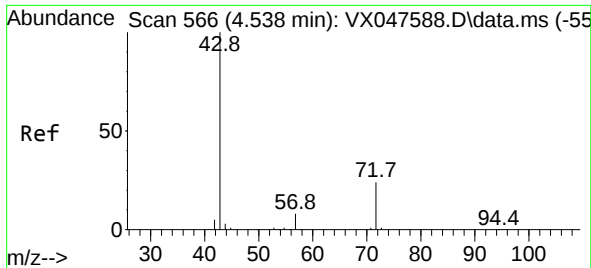


#24
 1,1-Dichloroethane
 Concen: 17.173 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX047722.D
 Acq: 23 Sep 2025 10:48



Tgt Ion: 63 Resp: 76887
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.8 11.2
 100 5.5 2.3 6.9





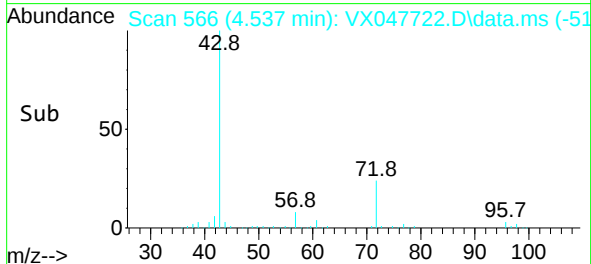
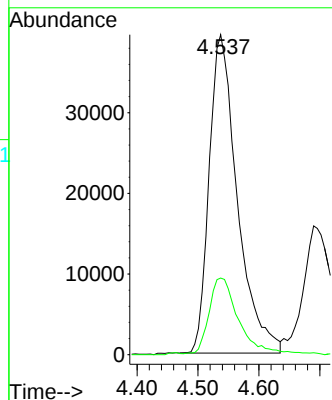
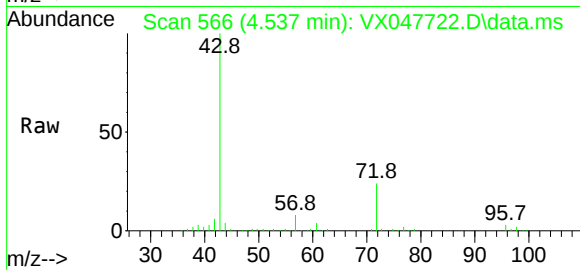
#25
2-Butanone
Concen: 82.792 ug/l
RT: 4.537 min Scan# 50
Delta R.T. -0.001 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion: 43 Resp: 12671
Ion Ratio Lower Upper
43 100
72 24.5 20.1 30.1

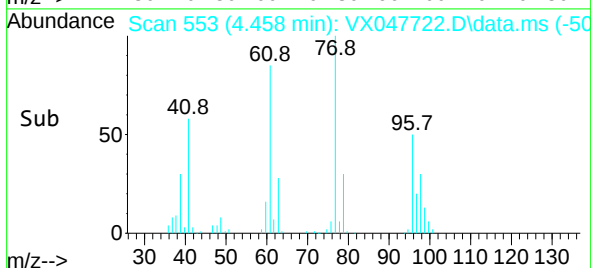
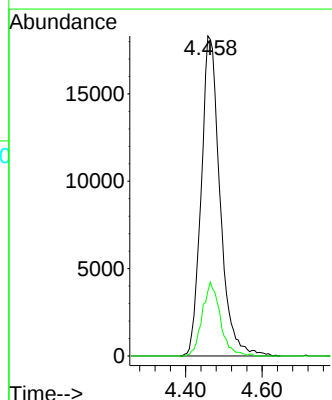
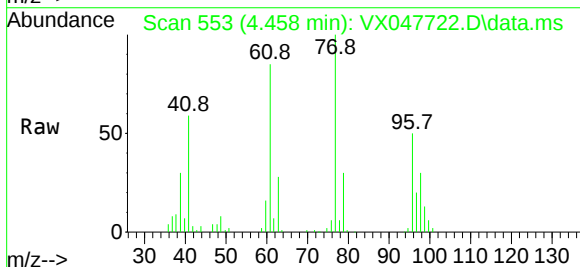
Manual Integrations
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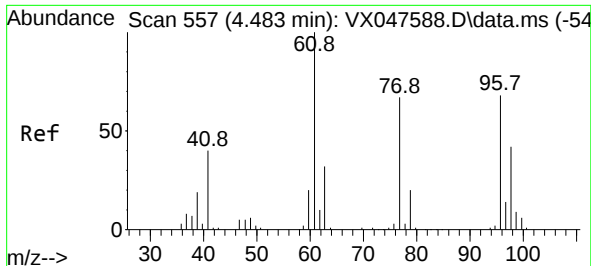
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#26
2,2-Dichloropropane
Concen: 16.783 ug/l
RT: 4.458 min Scan# 553
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Tgt Ion: 77 Resp: 62464
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7





#27

cis-1,2-Dichloroethene

Concen: 17.616 ug/l

RT: 4.476 min Scan# 51

Delta R.T. -0.007 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

Tgt Ion: 96 Resp: 4892

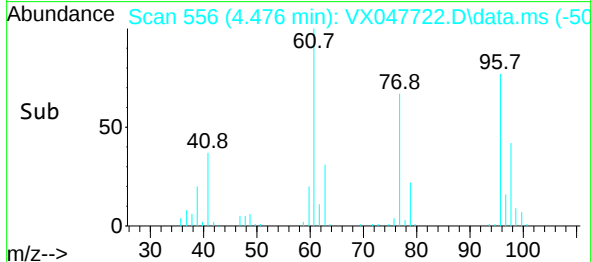
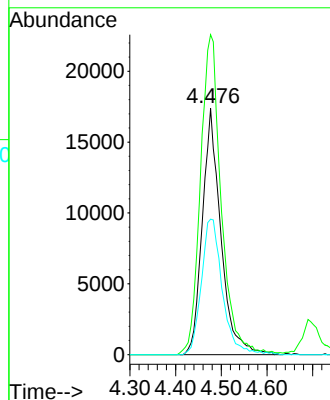
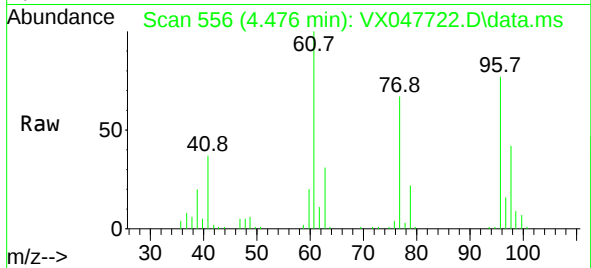
Ion	Ratio	Lower	Upper
96	100		
61	145.8	0.0	303.2
98	62.5	0.0	127.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#28

Bromochloromethane

Concen: 17.147 ug/l

RT: 4.885 min Scan# 623

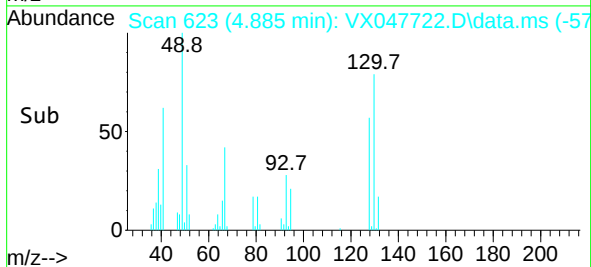
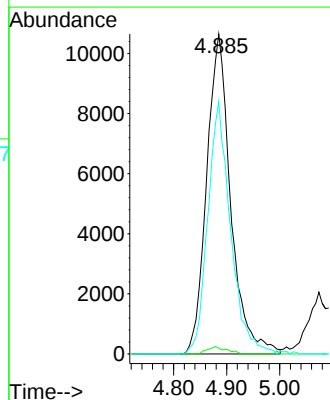
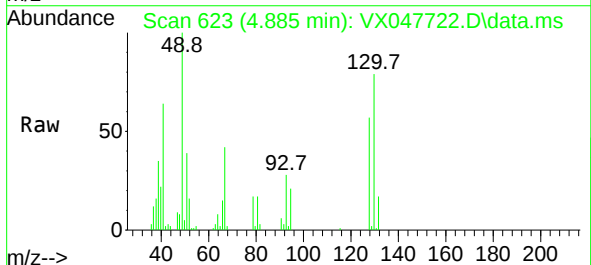
Delta R.T. -0.007 min

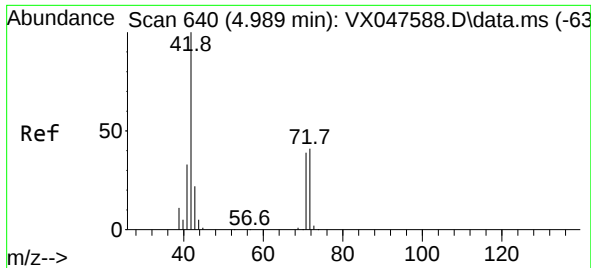
Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Tgt Ion: 49 Resp: 33516

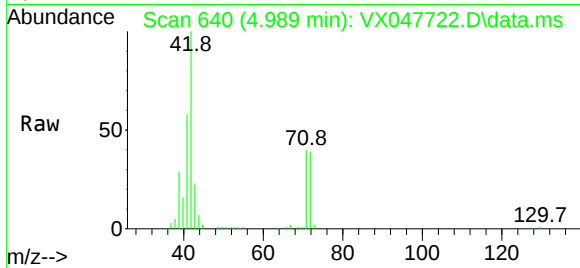
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.2
130	74.7	57.8	86.8





#29
Tetrahydrofuran
Concen: 83.890 ug/l
RT: 4.989 min Scan# 640
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

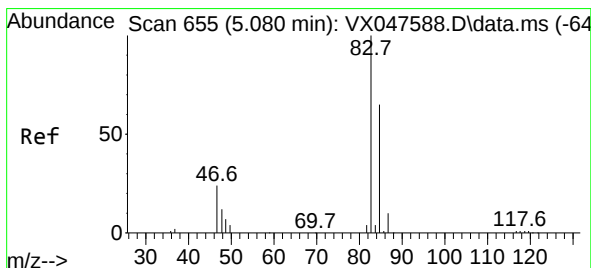
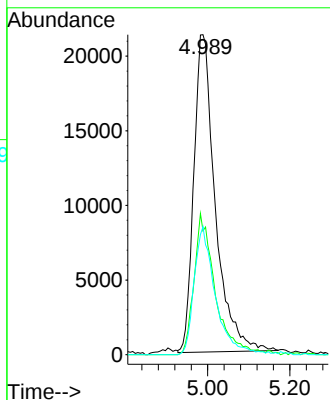
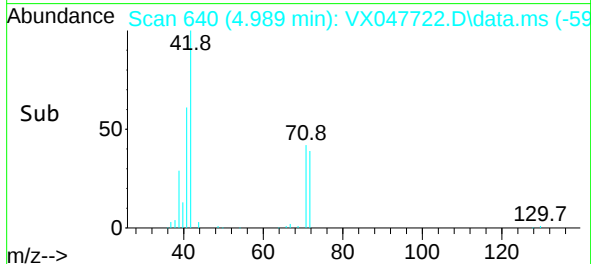
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 42 Resp: 7724
Ion Ratio Lower Upper
42 100
72 43.6 34.2 51.2
71 40.0 31.9 47.9

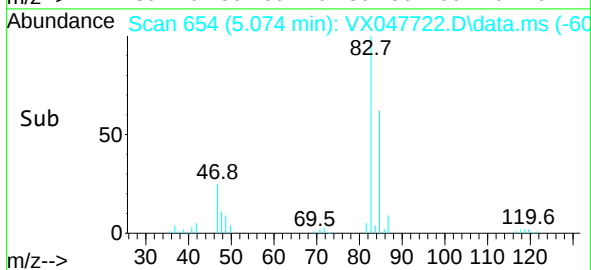
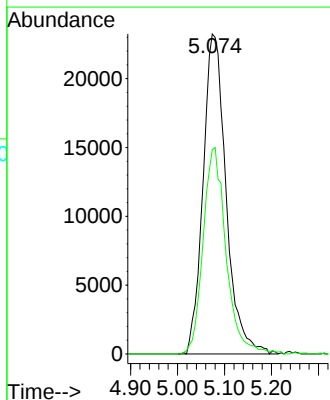
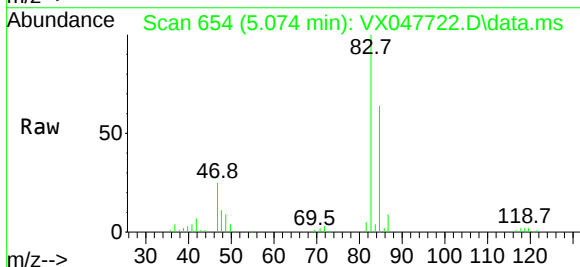
Manual Integrations
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Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#30
Chloroform
Concen: 17.499 ug/l
RT: 5.074 min Scan# 654
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

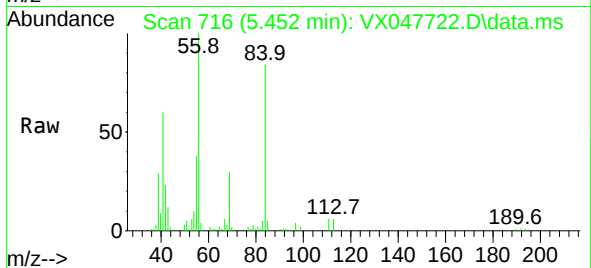
Tgt Ion: 83 Resp: 79171
Ion Ratio Lower Upper
83 100
85 63.8 51.8 77.6





#31
Cyclohexane
Concen: 16.705 ug/l
RT: 5.452 min Scan# 716
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

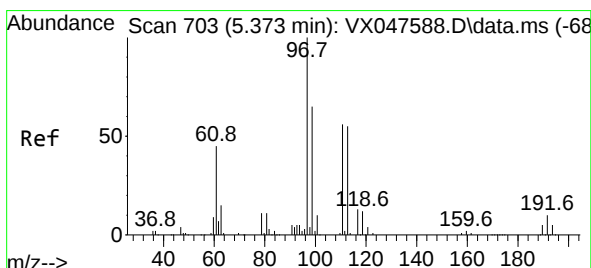
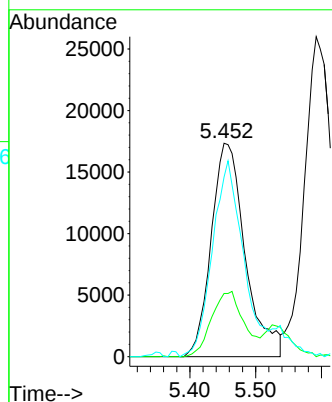
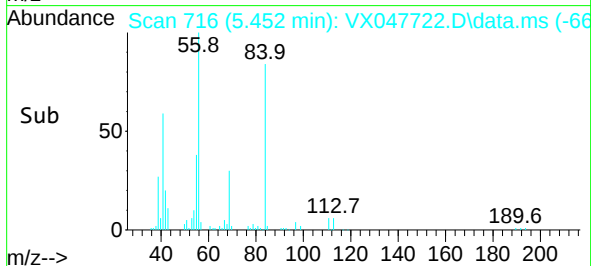
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 56 Resp: 62292
Ion Ratio Lower Upper
56 100
69 29.6 23.8 35.8
84 84.1 64.6 97.0

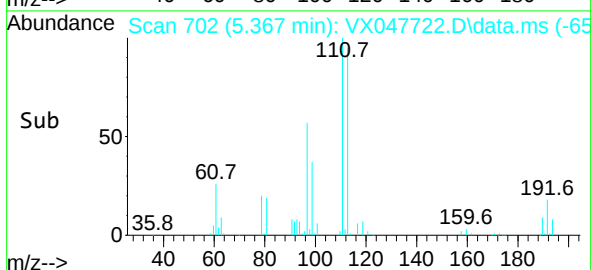
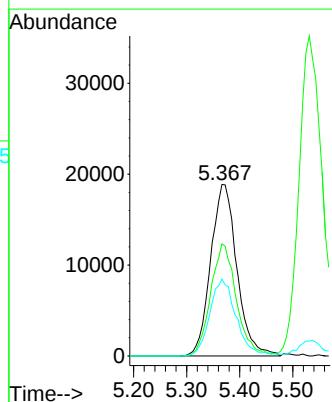
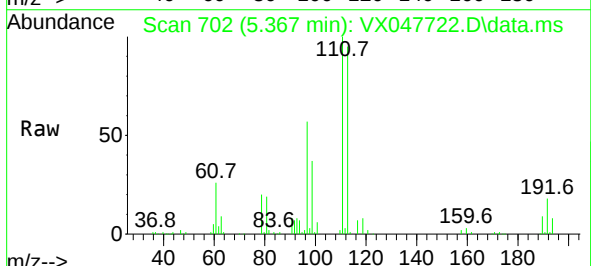
Manual Integrations
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Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#32
1,1,1-Trichloroethane
Concen: 16.864 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Tgt Ion: 97 Resp: 64718
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 45.1 35.8 53.8





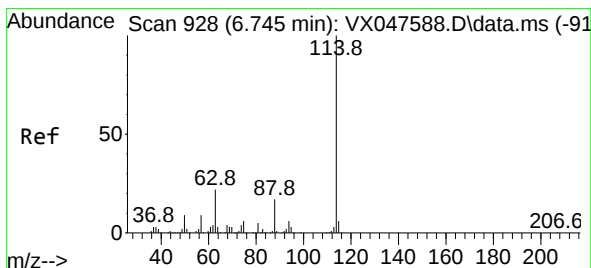
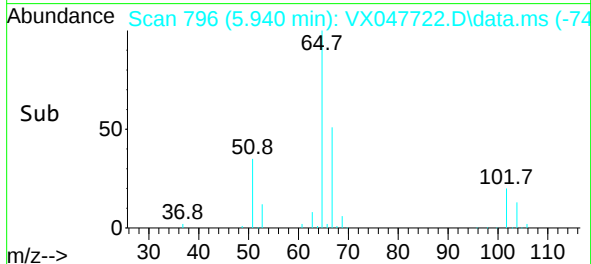
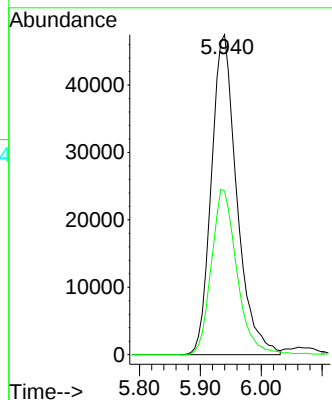
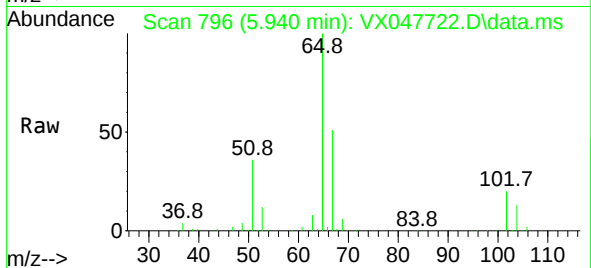
#33
1,2-Dichloroethane-d4
Concen: 48.793 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion: 65 Resp: 137693
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0

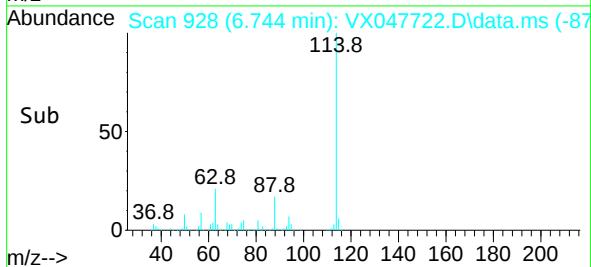
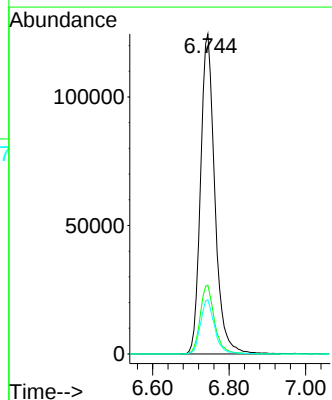
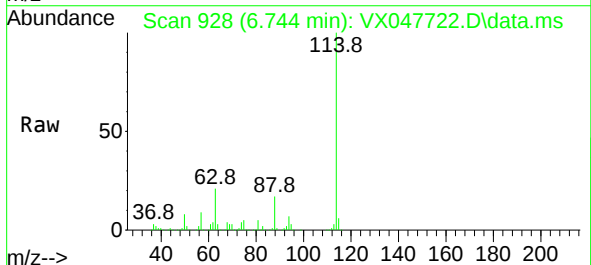
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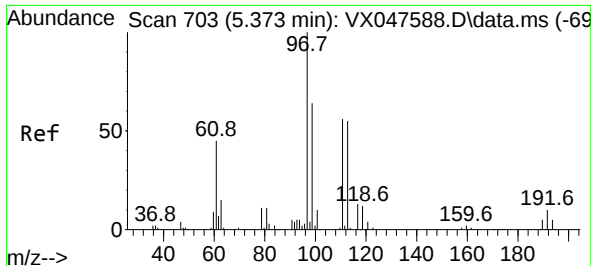
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.744 min Scan# 928
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

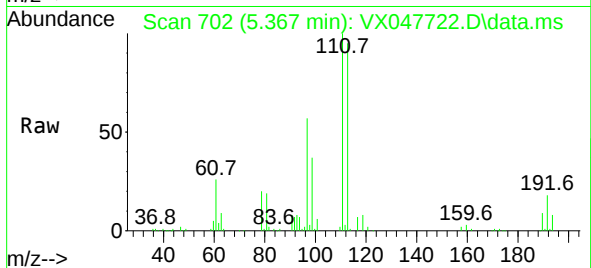
Tgt Ion:114 Resp: 322501
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.9 0.0 34.2





#35
Dibromofluoromethane
Concen: 47.865 ug/l
RT: 5.367 min Scan# 703
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

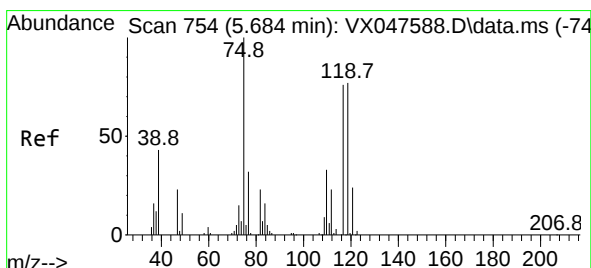
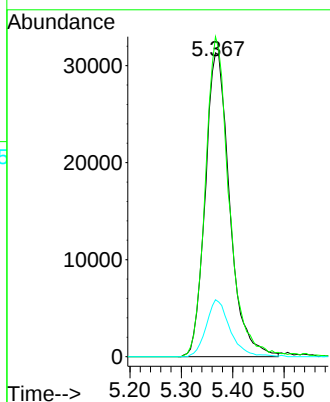
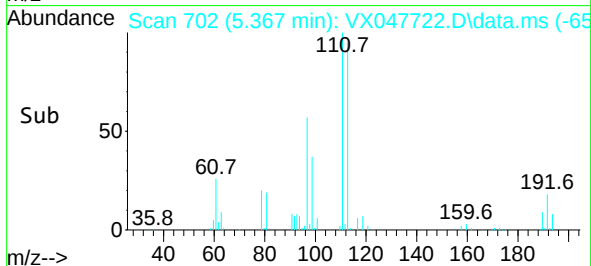
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion:113 Resp: 103529
Ion Ratio Lower Upper
113 100
111 102.4 80.9 121.3
192 18.2 14.2 21.4

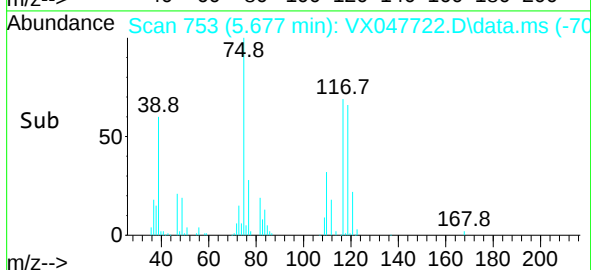
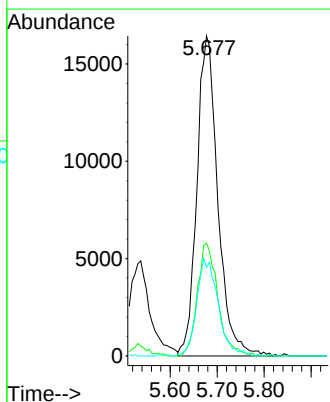
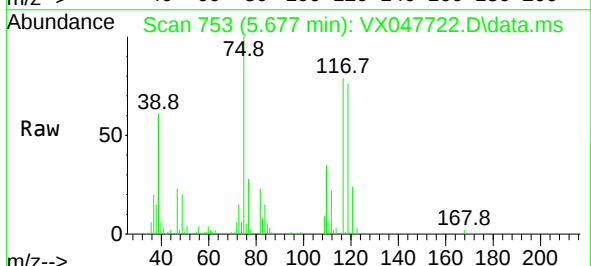
Manual Integrations
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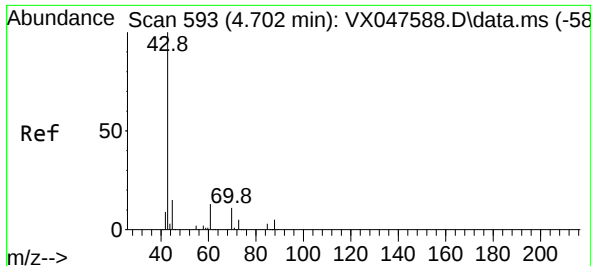
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#36
1,1-Dichloropropene
Concen: 16.125 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Tgt Ion: 75 Resp: 50963
Ion Ratio Lower Upper
75 100
110 34.5 16.7 50.1
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 15.510 ug/l

RT: 4.690 min Scan# 593

Delta R.T. -0.013 min

Lab File: VX047722.D

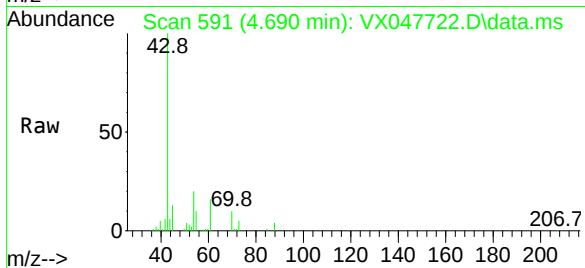
Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01



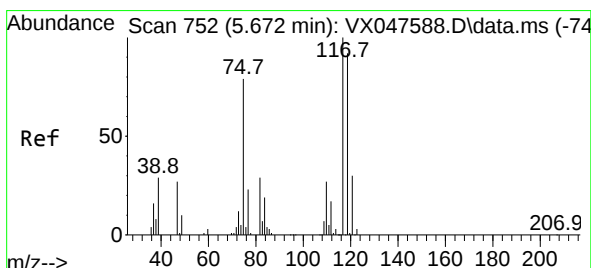
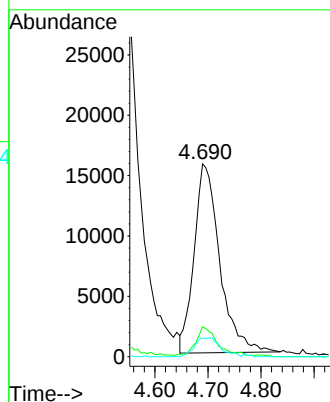
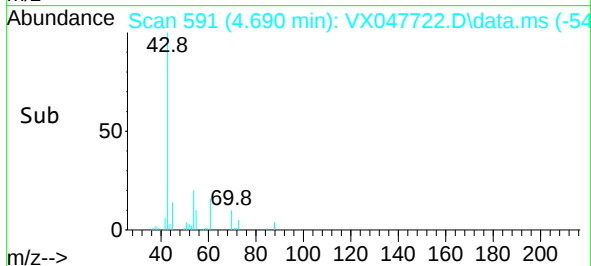
Tgt Ion:	43	Resp:	5248
Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.8	14.8
70	10.0	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#38

Carbon Tetrachloride

Concen: 15.990 ug/l

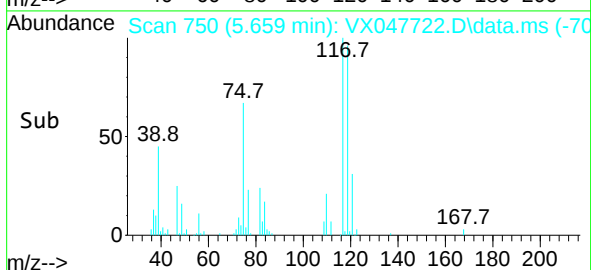
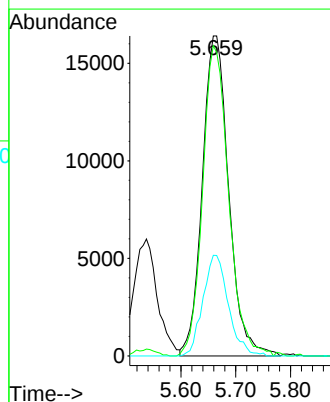
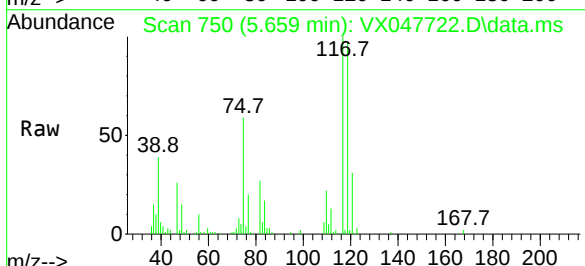
RT: 5.659 min Scan# 750

Delta R.T. -0.013 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

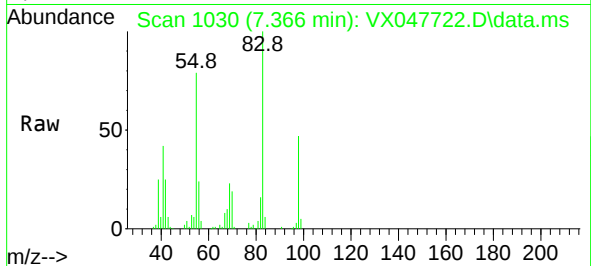
Tgt Ion:	117	Resp:	54907
Ion	Ratio	Lower	Upper
117	100		
119	96.3	73.4	110.2
121	31.5	23.8	35.6





#39
Methylcyclohexane
Concen: 15.873 ug/l
RT: 7.366 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

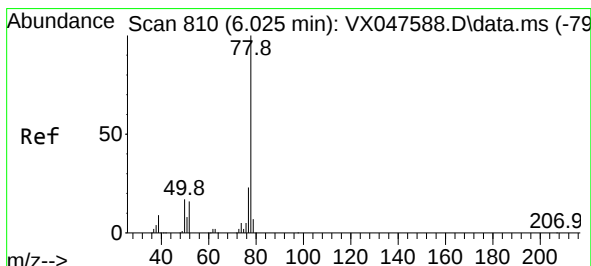
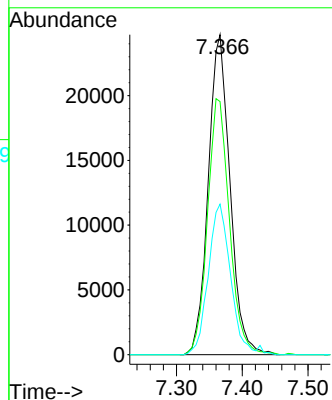
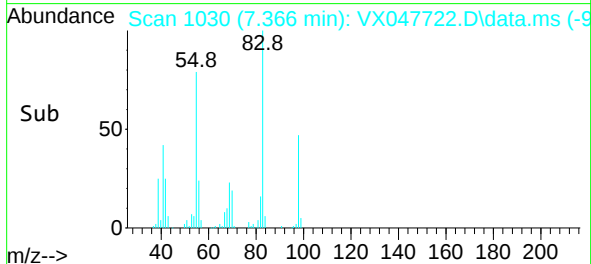
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 83 Resp: 5694
Ion Ratio Lower Upper
83 100
55 79.1 66.4 99.6
98 47.0 38.1 57.1

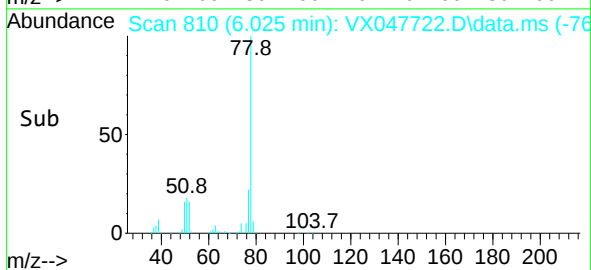
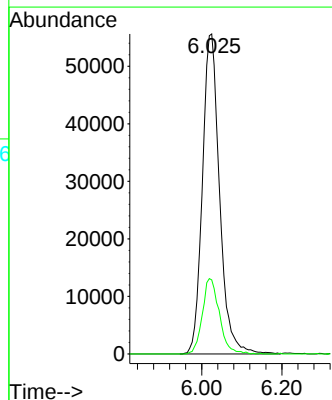
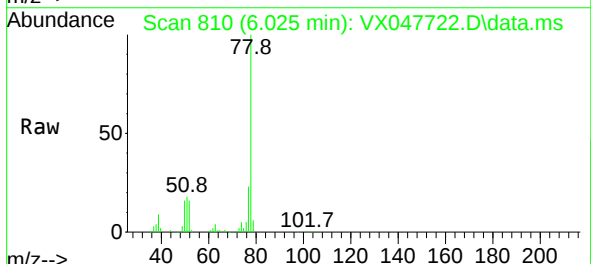
Manual Integrations
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Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#40
Benzene
Concen: 17.221 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

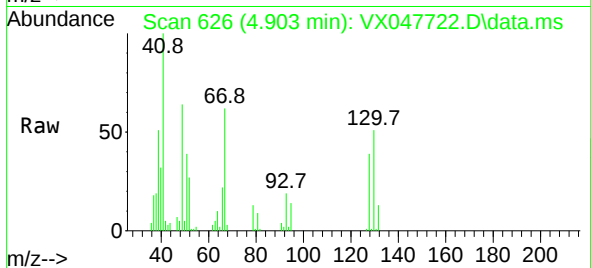
Tgt Ion: 78 Resp: 165305
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2





#41
Methacrylonitrile
Concen: 16.564 ug/l
RT: 4.903 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

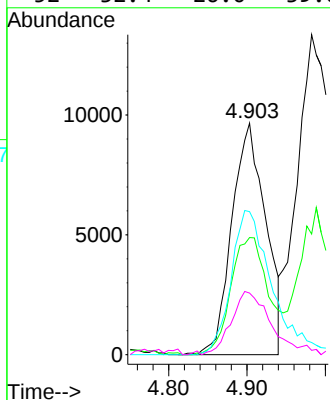
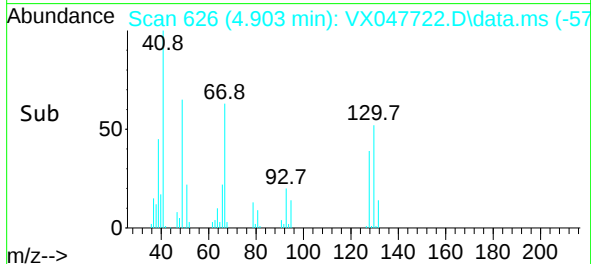
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion:	41	Resp:	2893
Ion	Ratio	Lower	Upper
41	100		
39	56.8	43.3	64.9
67	74.9	58.6	87.8
52	32.4	26.0	39.0

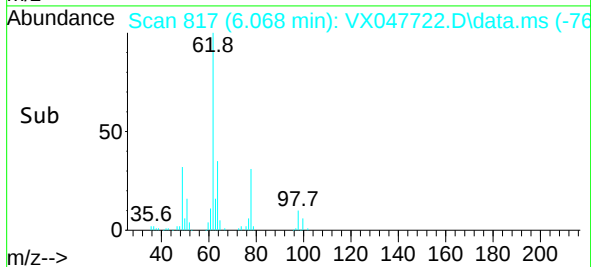
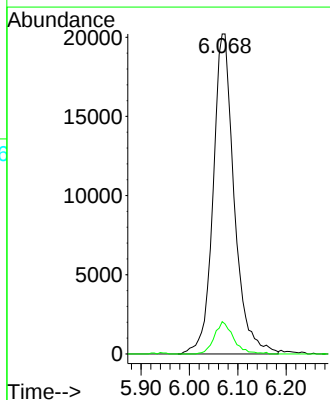
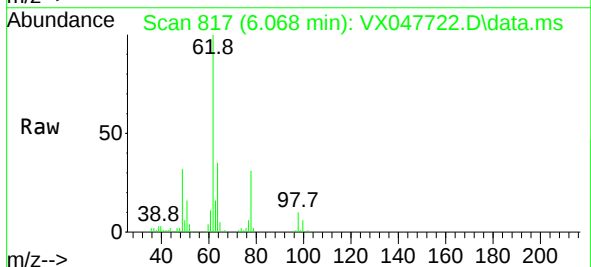
Manual Integrations
APPROVED

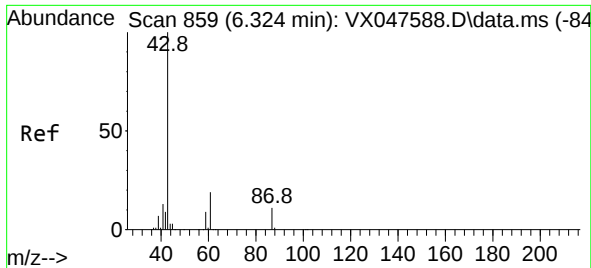
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#42
1,2-Dichloroethane
Concen: 16.768 ug/l
RT: 6.068 min Scan# 817
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

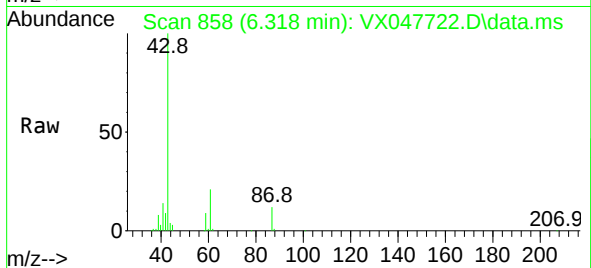
Tgt Ion:	62	Resp:	61242
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	17.0





#43
Isopropyl Acetate
Concen: 16.644 ug/l
RT: 6.318 min Scan# 858
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

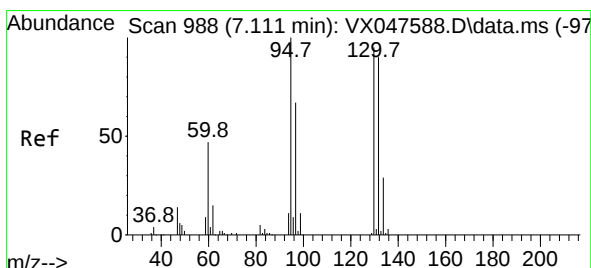
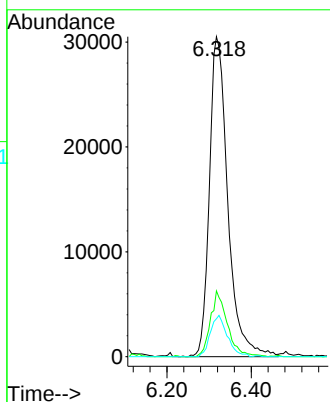
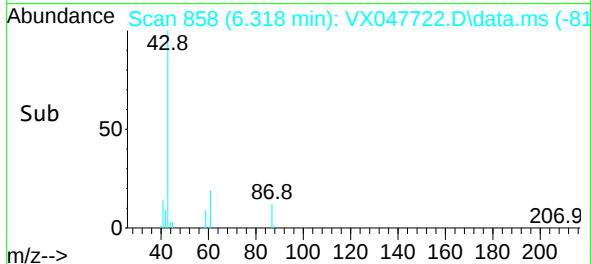
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 43 Resp: 92375
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 11.9 9.6 14.4

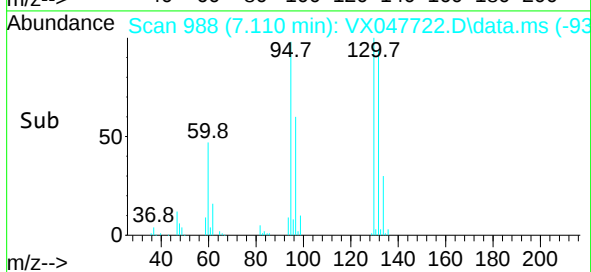
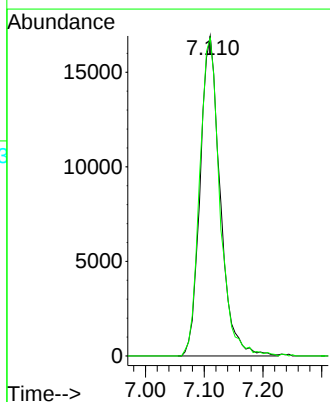
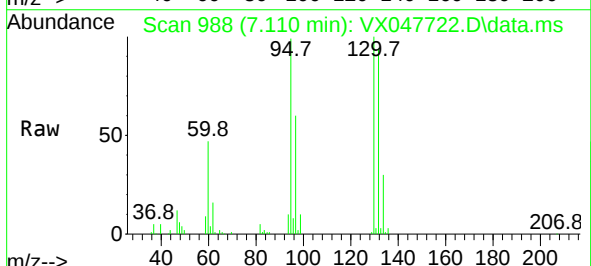
Manual Integrations
APPROVED

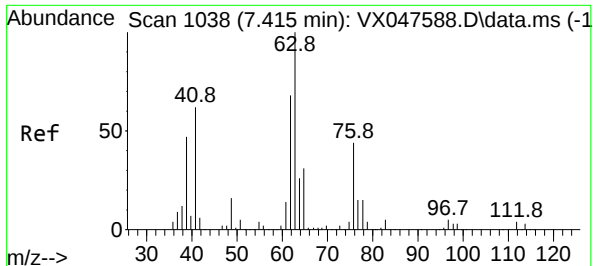
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#44
Trichloroethene
Concen: 17.292 ug/l
RT: 7.110 min Scan# 988
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Tgt Ion:130 Resp: 40129
Ion Ratio Lower Upper
130 100
95 99.3 0.0 210.8





#45

1,2-Dichloropropane

Concen: 17.100 ug/l

RT: 7.415 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

Tgt Ion: 63 Resp: 4203

Ion Ratio Lower Upper

63 100

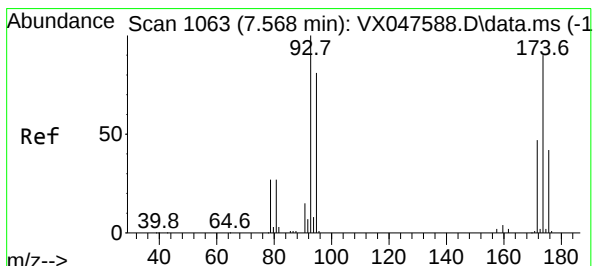
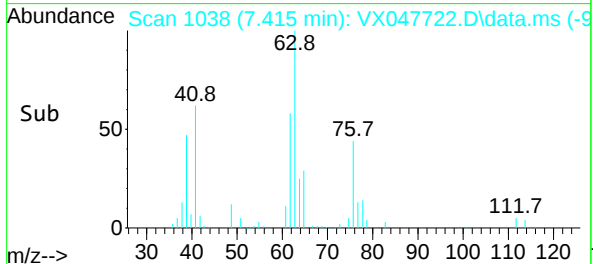
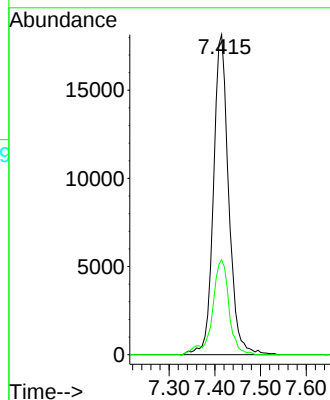
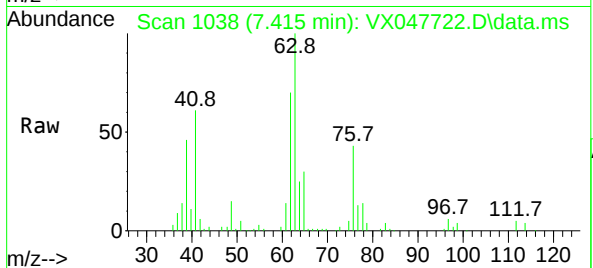
65 29.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#46

Dibromomethane

Concen: 17.225 ug/l

RT: 7.561 min Scan# 1062

Delta R.T. -0.007 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

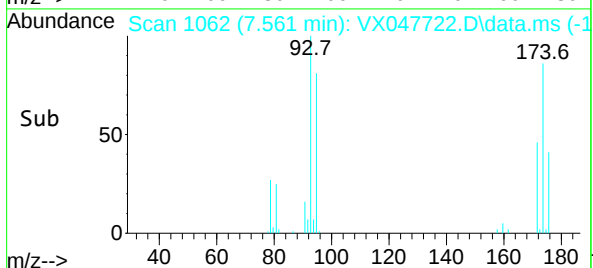
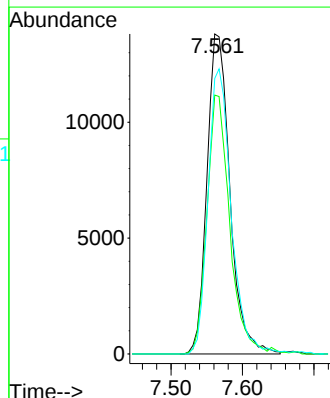
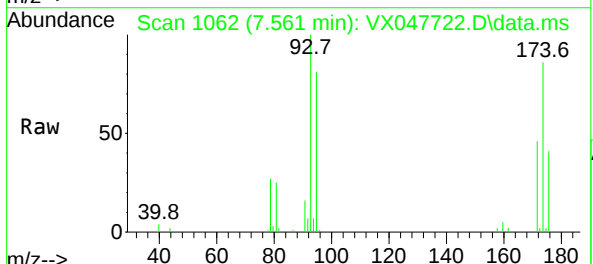
Tgt Ion: 93 Resp: 30810

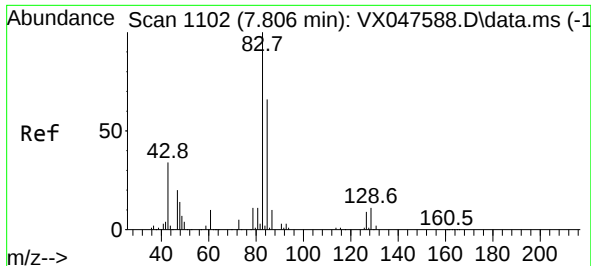
Ion Ratio Lower Upper

93 100

95 79.8 65.0 97.6

174 90.5 71.6 107.4





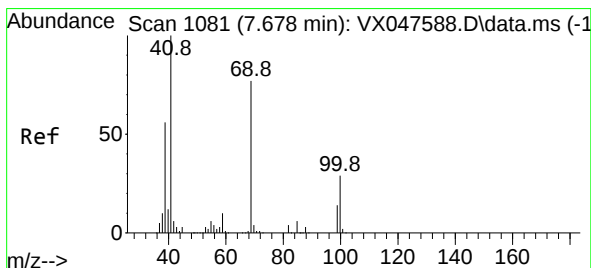
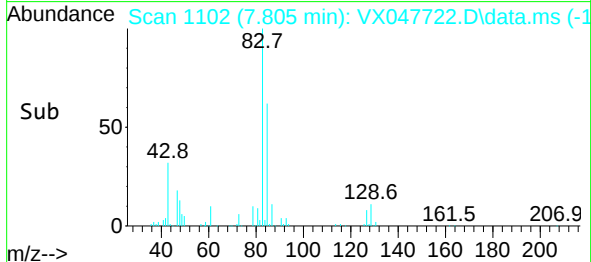
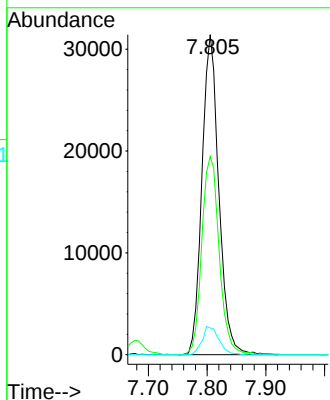
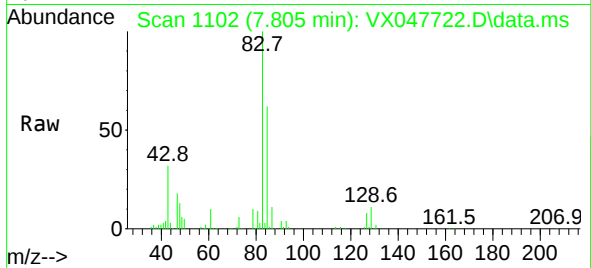
#47
Bromodichloromethane
Concen: 16.951 ug/l
RT: 7.805 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion: 83 Resp: 6256
Ion Ratio Lower Upper
83 100
85 62.0 52.5 78.7
127 8.4 6.9 10.3

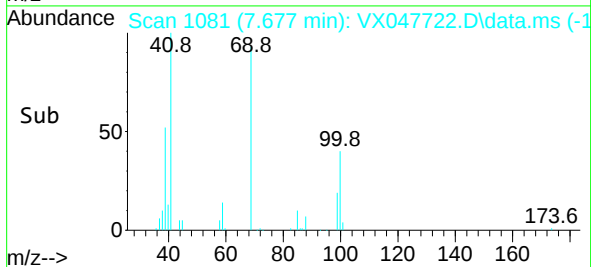
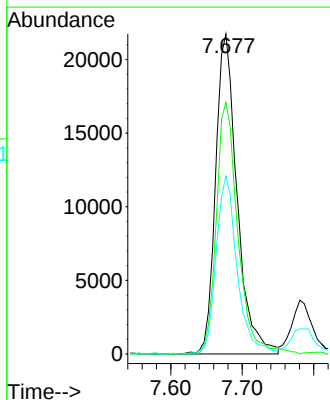
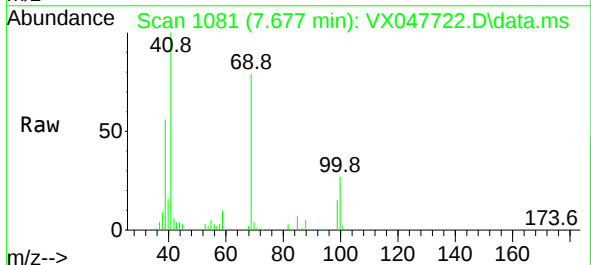
Manual Integrations
APPROVED

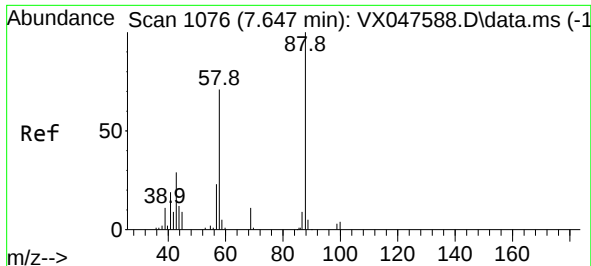
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#48
Methyl methacrylate
Concen: 16.425 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Tgt Ion: 41 Resp: 45405
Ion Ratio Lower Upper
41 100
69 78.7 61.4 92.2
39 54.4 45.8 68.6





#49

1,4-Dioxane

Concen: 375.083 ug/l

RT: 7.647 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VX047722.D

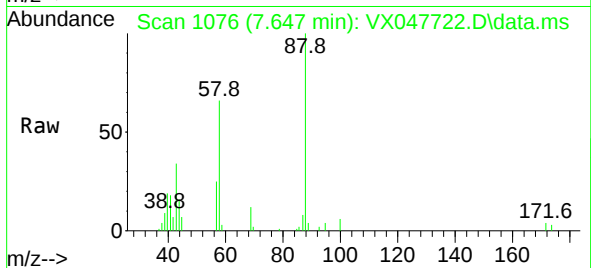
Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01



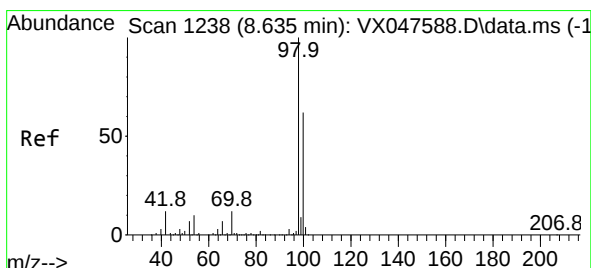
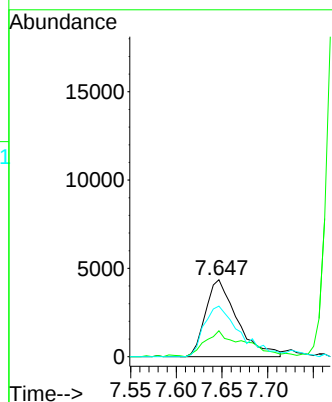
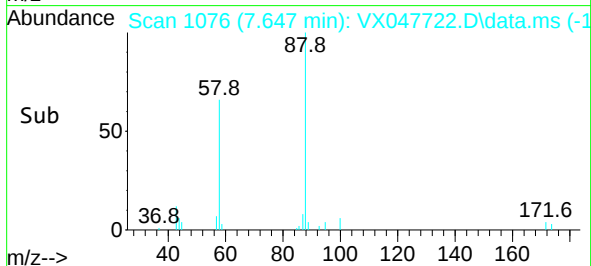
Tgt Ion:	88	Resp:	10479
Ion	Ratio	Lower	Upper
88	100		
43	42.7	30.2	45.2
58	74.5	59.5	89.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#50

Toluene-d8

Concen: 46.279 ug/l

RT: 8.634 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VX047722.D

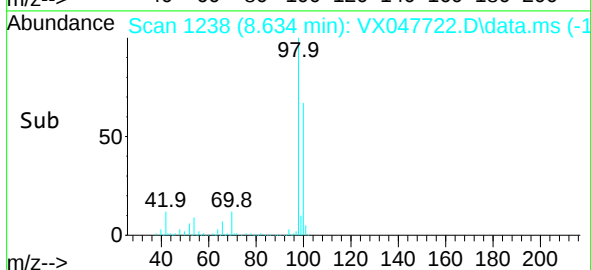
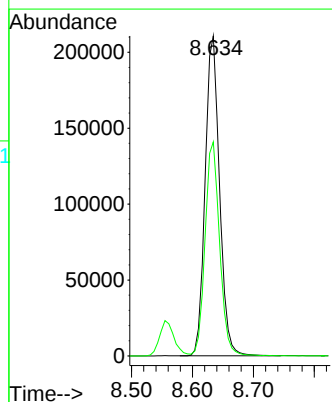
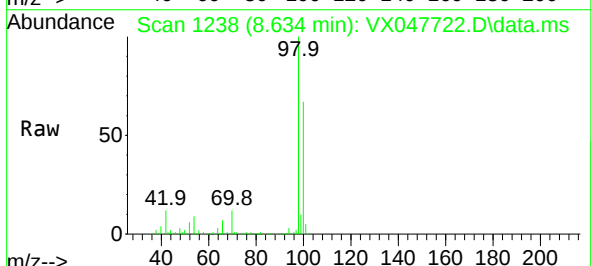
Acq: 23 Sep 2025 10:48

Tgt Ion: 98 Resp: 346350

Ion Ratio Lower Upper

98 100

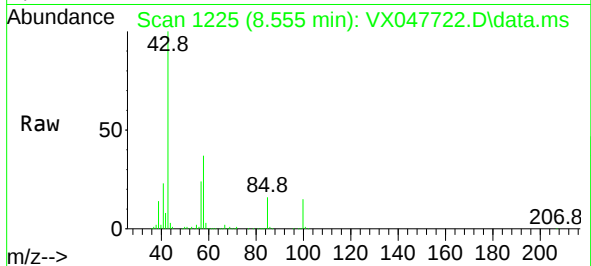
100 67.3 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 86.432 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.007 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

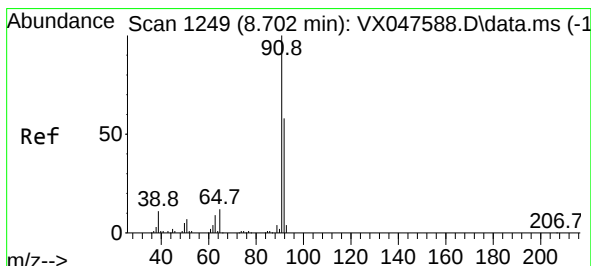
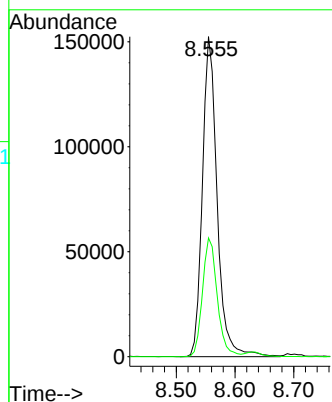
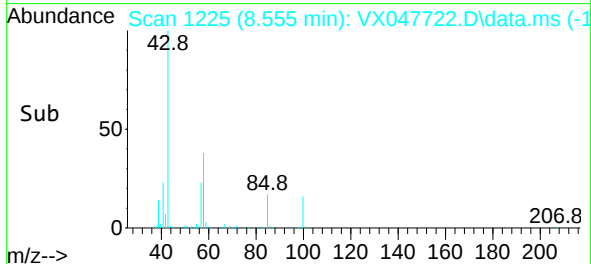
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



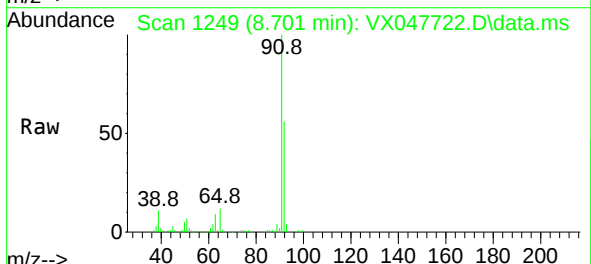
Tgt Ion: 43 Resp: 265960
Ion Ratio Lower Upper
43 100
58 37.2 30.3 45.5

Manual Integrations
APPROVED

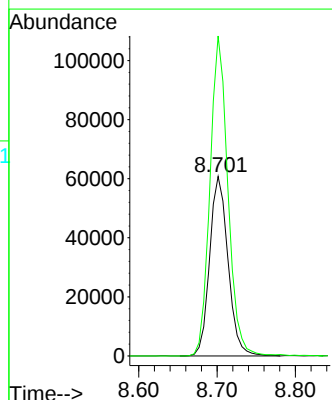
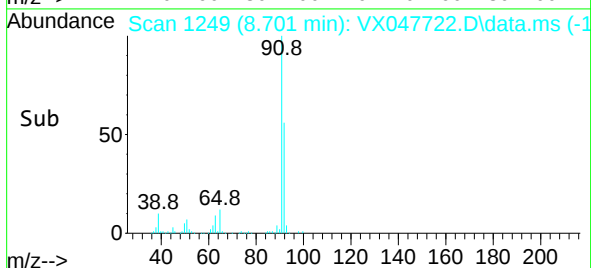
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#52
Toluene
Concen: 16.763 ug/l
RT: 8.701 min Scan# 1249
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



Tgt Ion: 92 Resp: 99135
Ion Ratio Lower Upper
92 100
91 174.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 16.507 ug/l

RT: 8.963 min Scan# 1191

Delta R.T. -0.001 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

Tgt Ion: 75 Resp: 6214

Ion Ratio Lower Upper

75 100

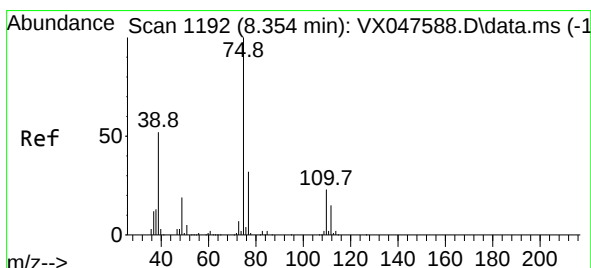
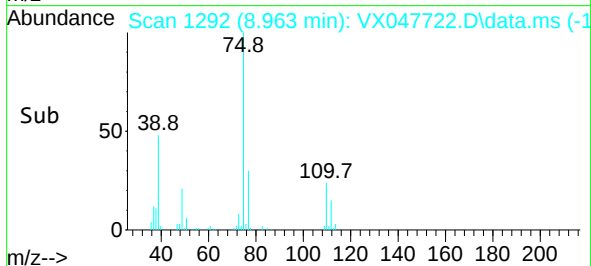
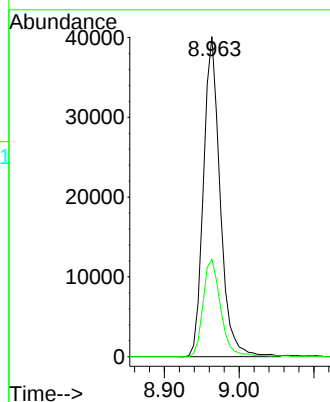
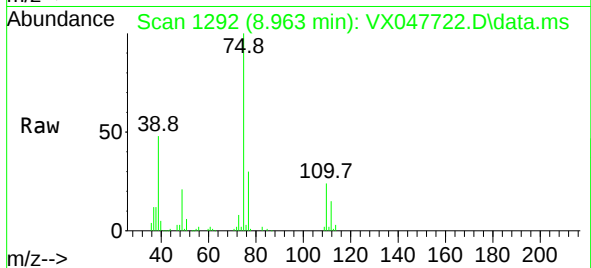
77 30.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#54

cis-1,3-Dichloropropene

Concen: 16.992 ug/l

RT: 8.348 min Scan# 1191

Delta R.T. -0.007 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

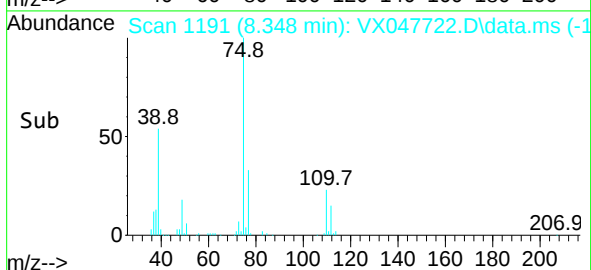
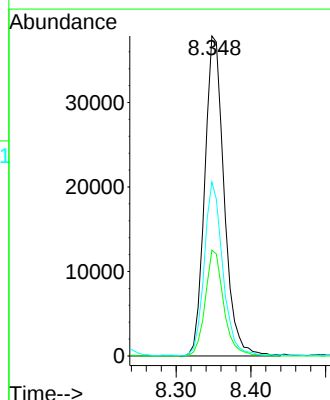
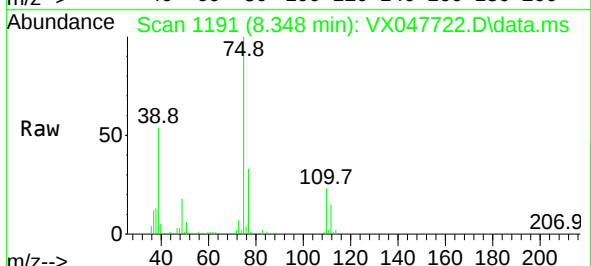
Tgt Ion: 75 Resp: 68379

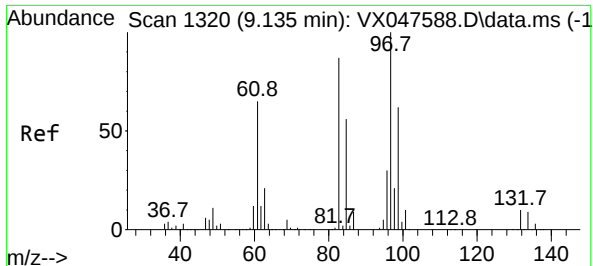
Ion Ratio Lower Upper

75 100

77 33.1 25.8 38.6

39 52.7 41.4 62.2





#55

1,1,2-Trichloroethane

Concen: 17.497 ug/l

RT: 9.134 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

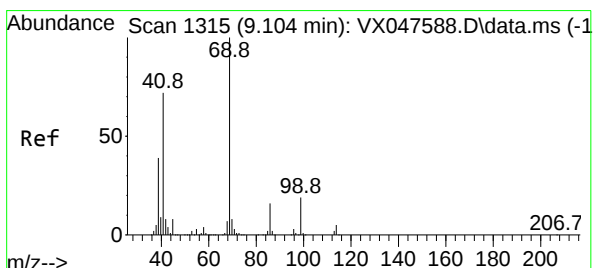
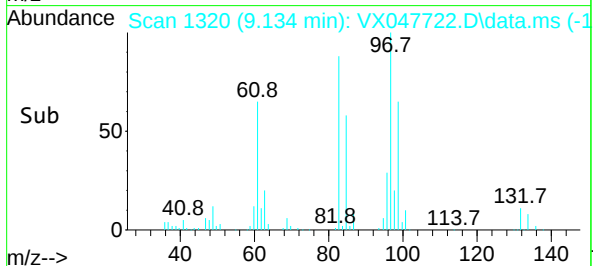
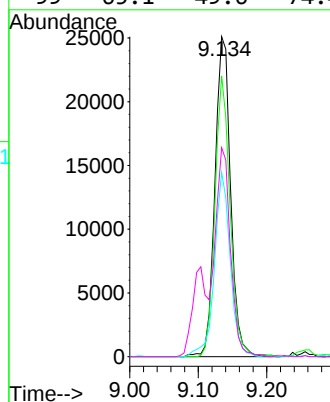
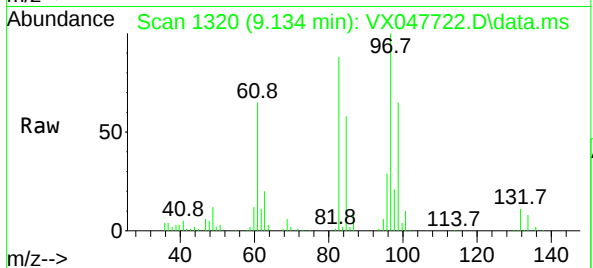
Tgt Ion:	97	Resp:	39900
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.6	104.4
85	57.6	45.0	67.6
99	65.1	49.6	74.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#56

Ethyl methacrylate

Concen: 16.887 ug/l

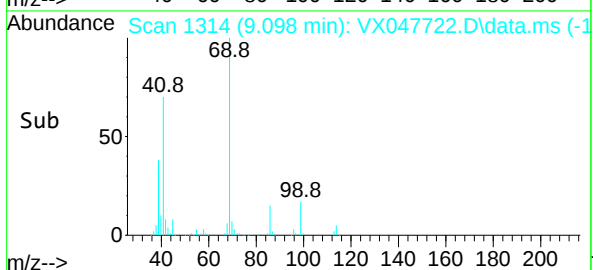
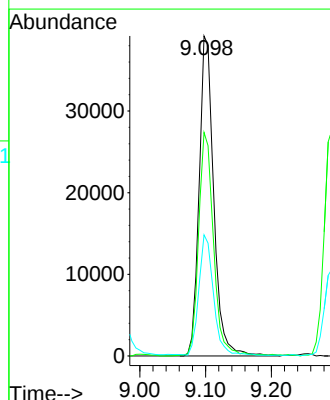
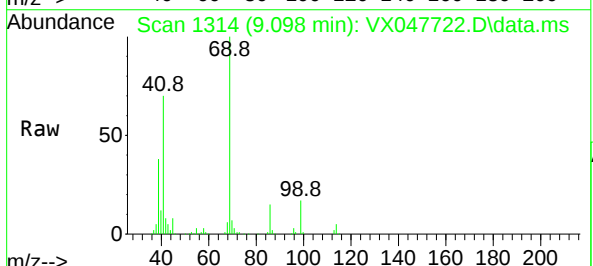
RT: 9.098 min Scan# 1314

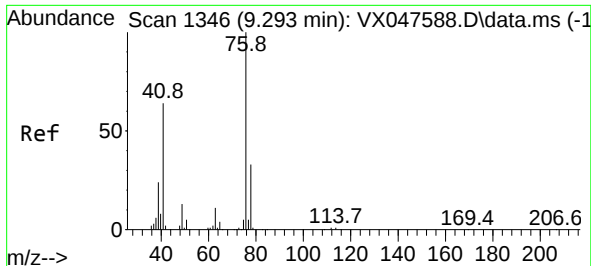
Delta R.T. -0.007 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Tgt Ion:	69	Resp:	60478
Ion	Ratio	Lower	Upper
69	100		
41	71.2	58.6	87.8
39	37.7	31.5	47.3





#57

1,3-Dichloropropane

Concen: 17.352 ug/l

RT: 9.293 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX047722.D

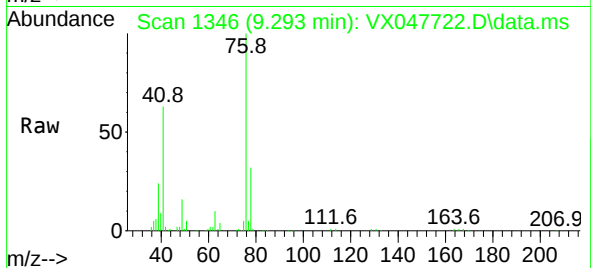
Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01



Tgt Ion: 76 Resp: 67974

Ion Ratio Lower Upper

76 100

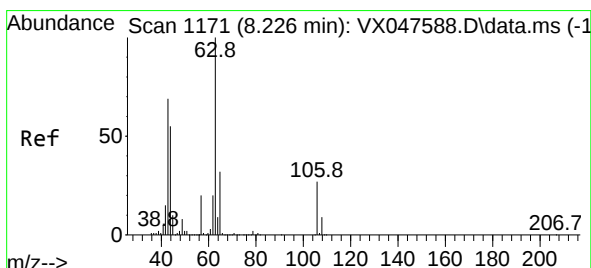
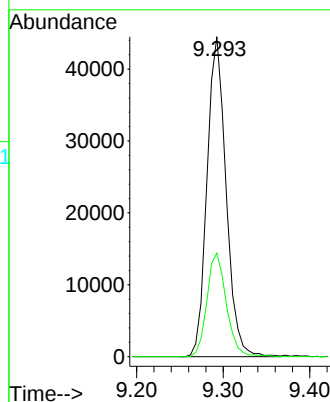
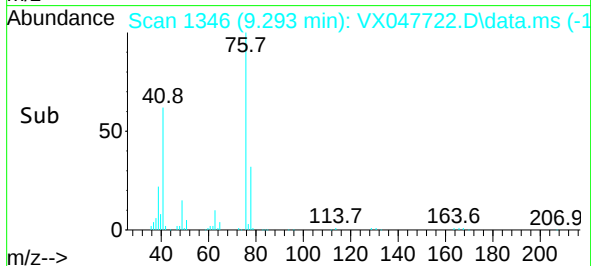
78 33.0 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#58

2-Chloroethyl Vinyl ether

Concen: 91.233 ug/l

RT: 8.226 min Scan# 1171

Delta R.T. -0.000 min

Lab File: VX047722.D

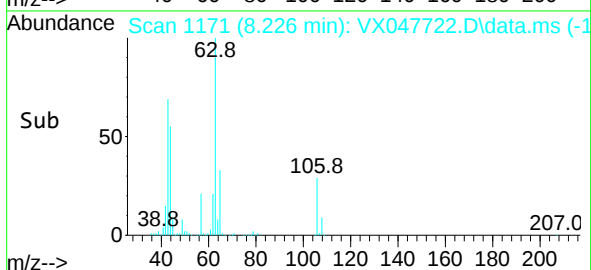
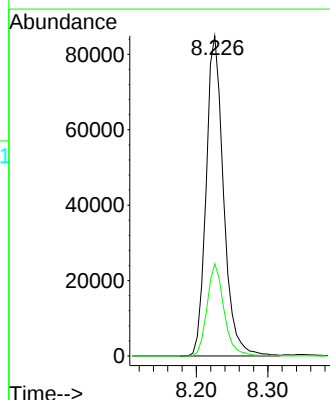
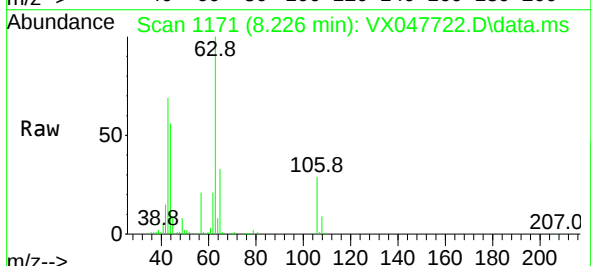
Acq: 23 Sep 2025 10:48

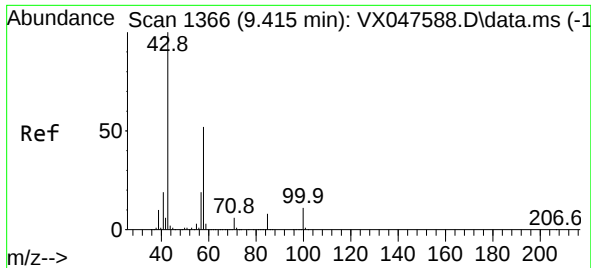
Tgt Ion: 63 Resp: 143654

Ion Ratio Lower Upper

63 100

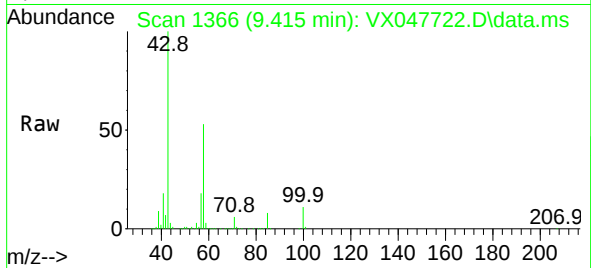
106 27.9 21.9 32.9





#59
2-Hexanone
Concen: 84.272 ug/l
RT: 9.415 min Scan# 1366
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

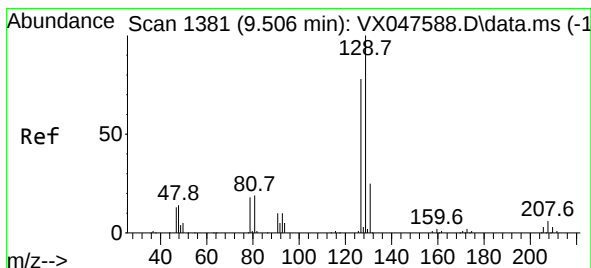
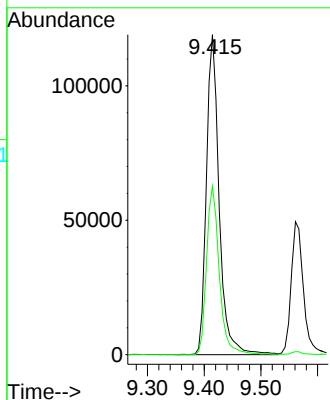
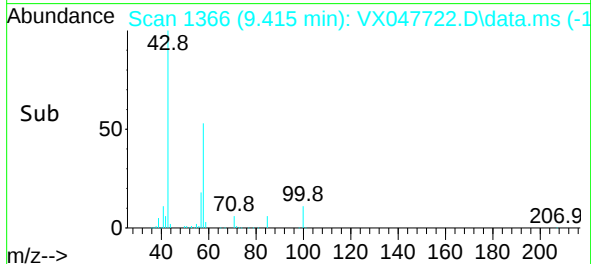
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 43 Resp: 186240
Ion Ratio Lower Upper
43 100
58 52.7 26.1 78.2

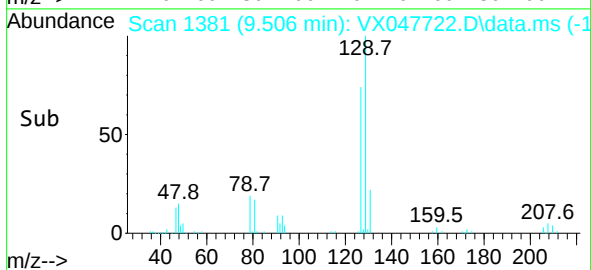
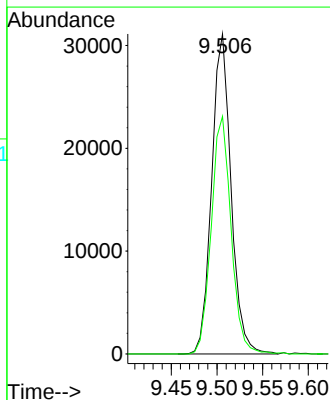
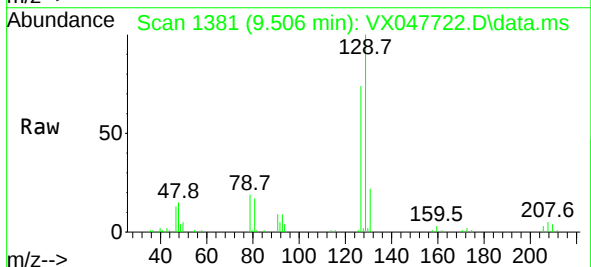
Manual Integrations
APPROVED

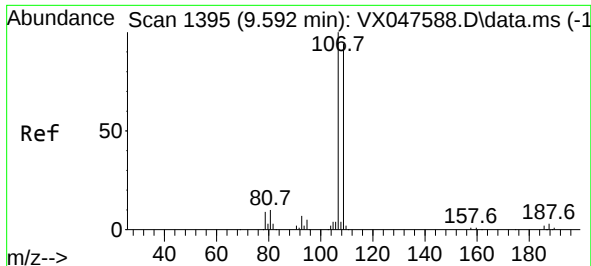
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#60
Dibromochloromethane
Concen: 17.427 ug/l
RT: 9.506 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

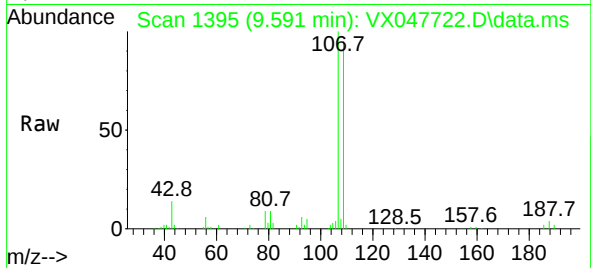
Tgt Ion:129 Resp: 45791
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2





#61
1,2-Dibromoethane
Concen: 17.492 ug/l
RT: 9.591 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

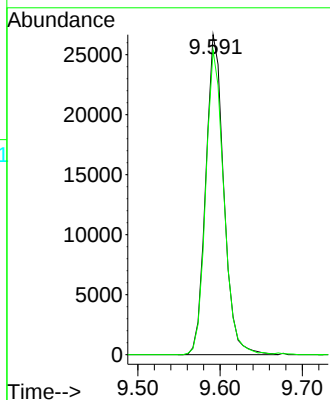
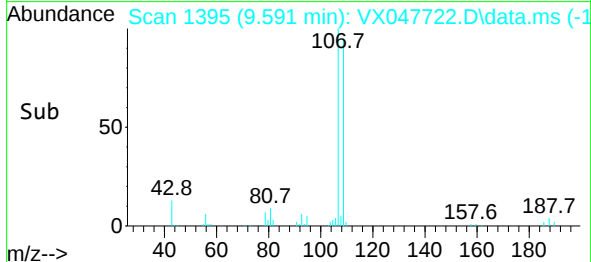
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



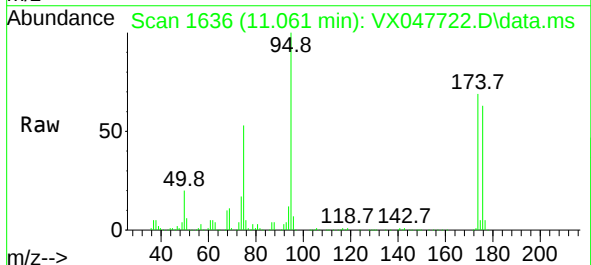
Tgt Ion:107 Resp: 40629
Ion Ratio Lower Upper
107 100
109 95.8 75.3 112.9

Manual Integrations
APPROVED

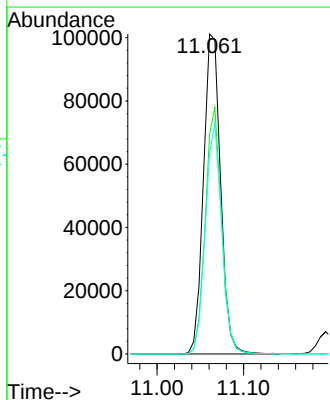
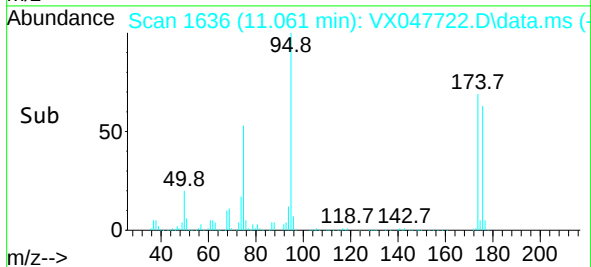
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#62
4-Bromofluorobenzene
Concen: 48.846 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



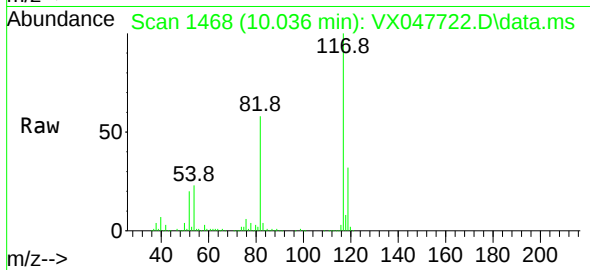
Tgt Ion: 95 Resp: 138737
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 69.0 0.0 138.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

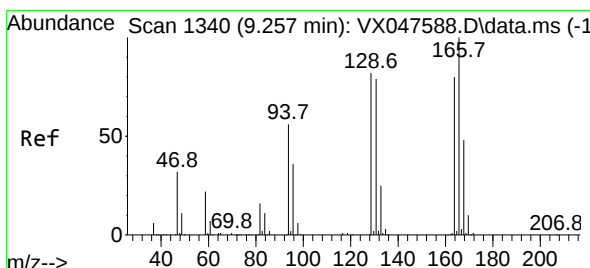
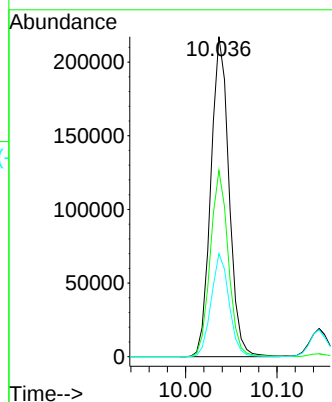
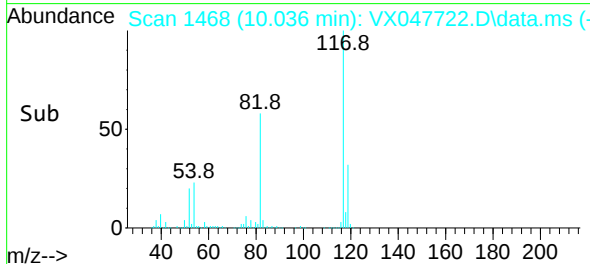
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



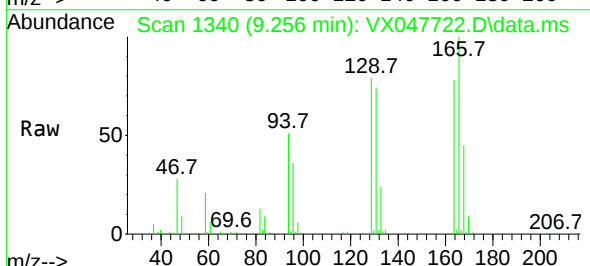
Tgt Ion:117 Resp: 299888
Ion Ratio Lower Upper
117 100
82 58.2 47.8 71.6
119 32.2 25.2 37.8

Manual Integrations
APPROVED

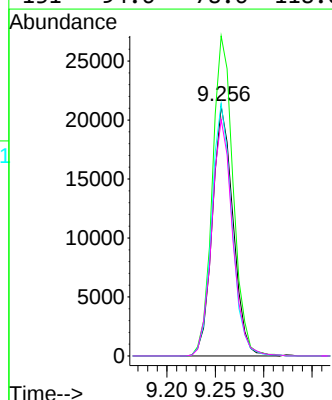
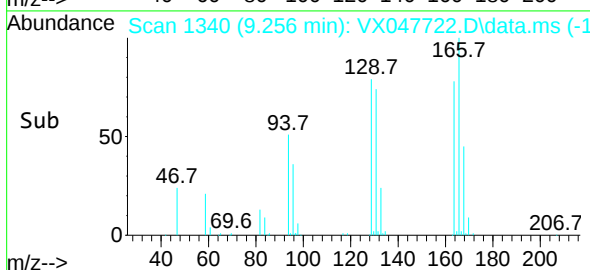
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

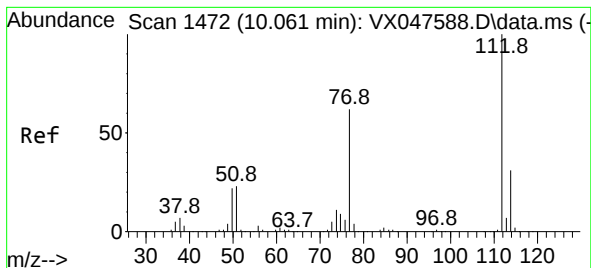


#64
Tetrachloroethene
Concen: 16.105 ug/l
RT: 9.256 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



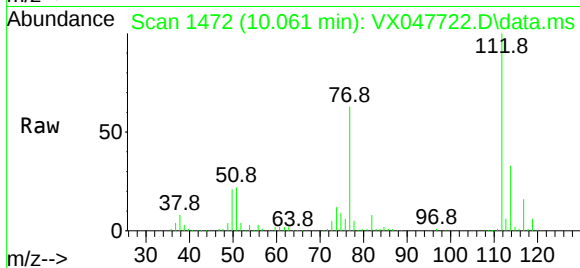
Tgt Ion:164 Resp: 31485
Ion Ratio Lower Upper
164 100
166 128.1 100.2 150.2
129 101.0 81.8 122.6
131 94.6 78.6 118.0





#65
Chlorobenzene
Concen: 16.300 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

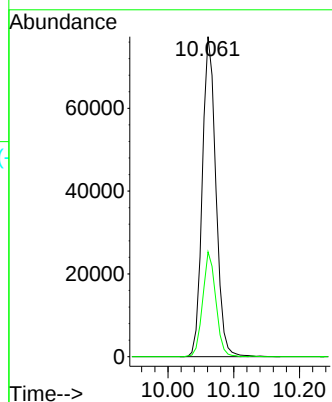
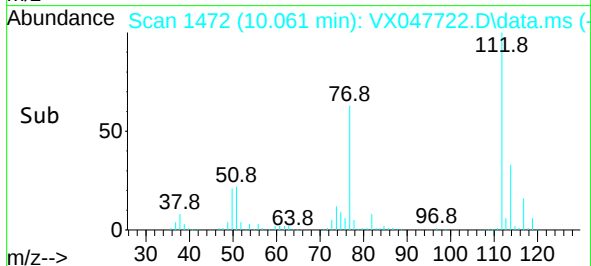
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion:112 Resp: 11104
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7

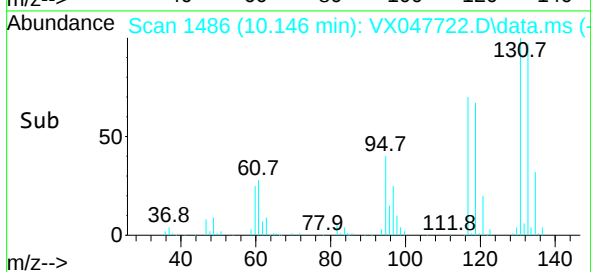
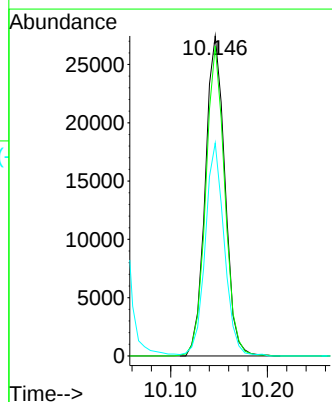
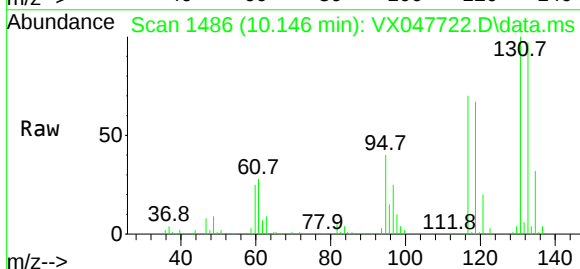
Manual Integrations
APPROVED

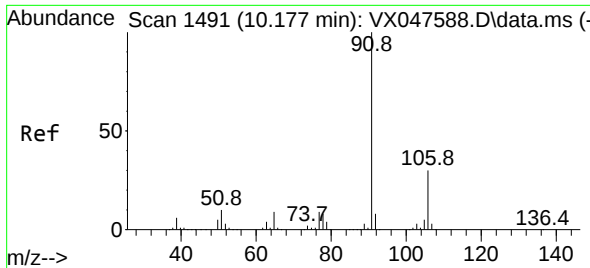
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 16.475 ug/l
RT: 10.146 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

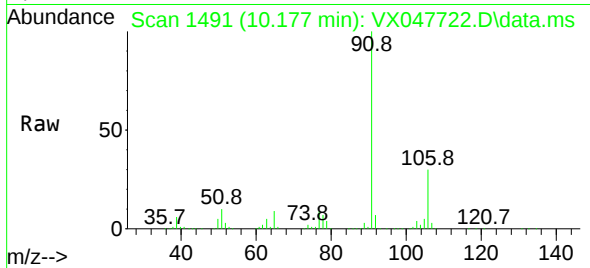
Tgt Ion:131 Resp: 38732
Ion Ratio Lower Upper
131 100
133 94.1 47.3 142.0
119 64.7 32.0 96.0





#67
Ethyl Benzene
Concen: 15.960 ug/l
RT: 10.177 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

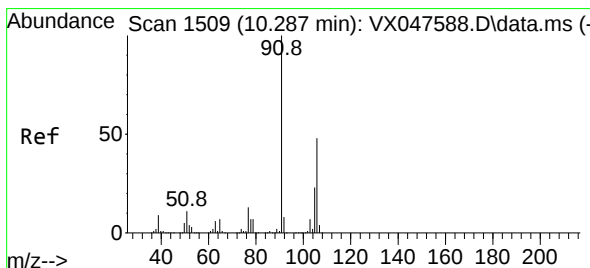
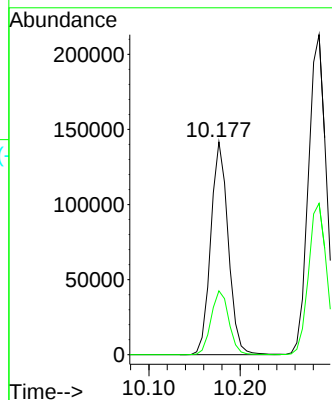
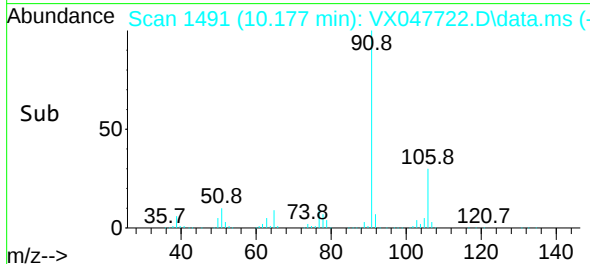
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



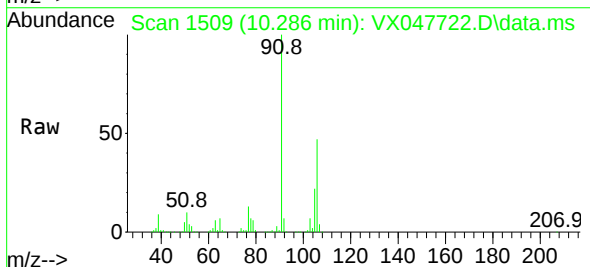
Tgt Ion: 91 Resp: 187600
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

Manual Integrations
APPROVED

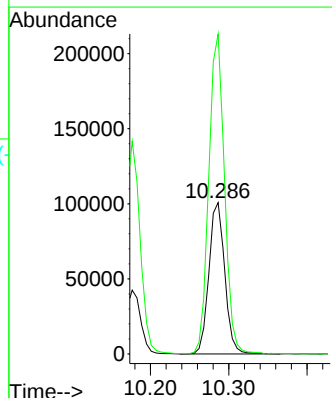
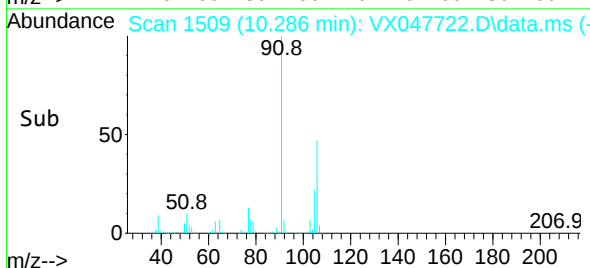
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

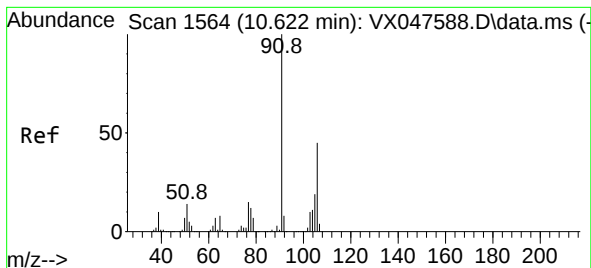


#68
m/p-Xylenes
Concen: 32.310 ug/l
RT: 10.286 min Scan# 1509
Delta R.T. -0.001 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



Tgt Ion:106 Resp: 141366
Ion Ratio Lower Upper
106 100
91 208.9 167.8 251.8





#69

o-Xylene

Concen: 16.133 ug/l

RT: 10.628 min Scan# 1565

Delta R.T. 0.006 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

Tgt Ion:106 Resp: 68274

Ion Ratio Lower Upper

106 100

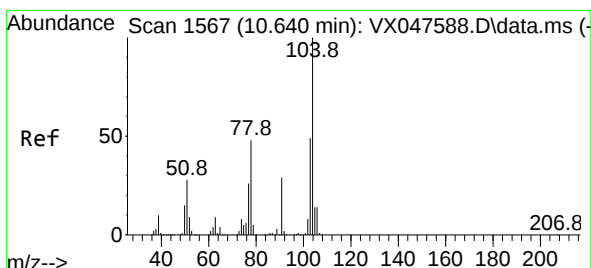
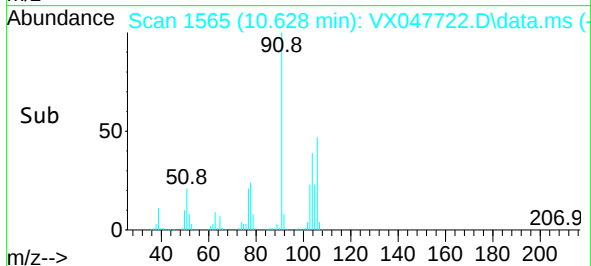
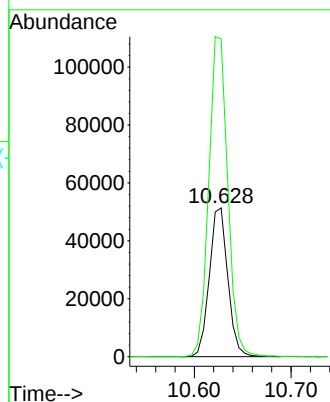
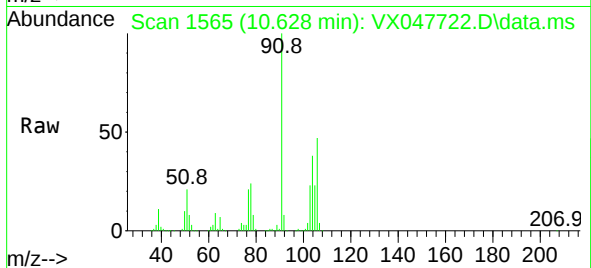
91 221.4 111.1 333.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#70

Styrene

Concen: 16.387 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

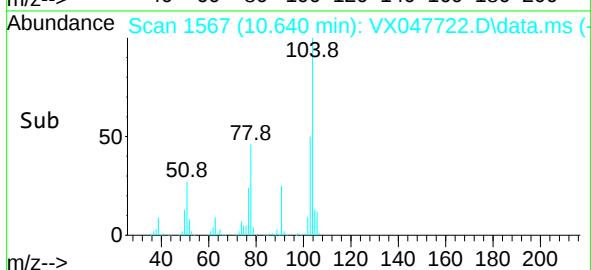
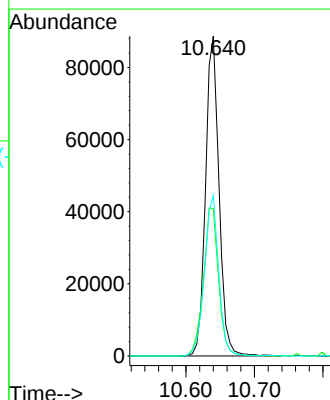
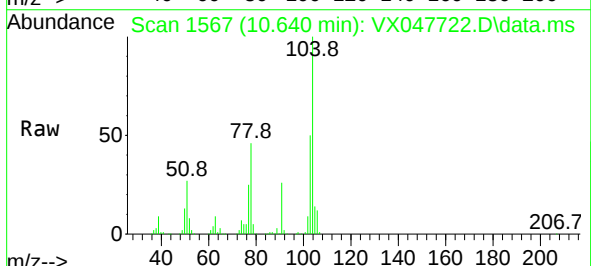
Tgt Ion:104 Resp: 121512

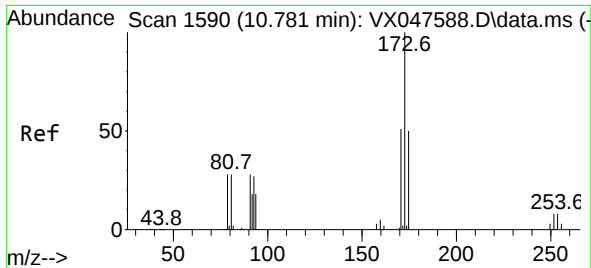
Ion Ratio Lower Upper

104 100

78 52.3 43.1 64.7

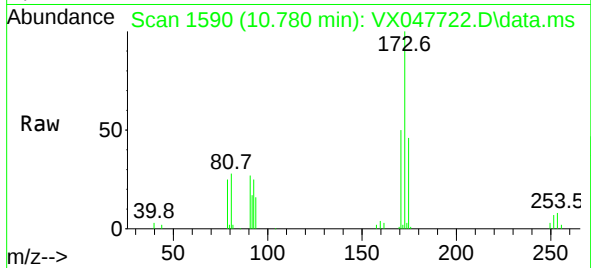
103 52.9 43.1 64.7





#71
Bromoform
Concen: 16.184 ug/l
RT: 10.780 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

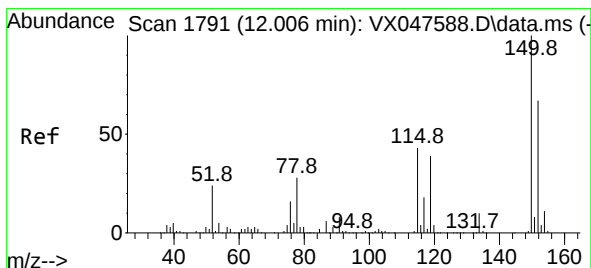
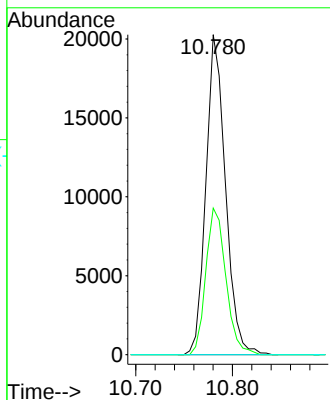
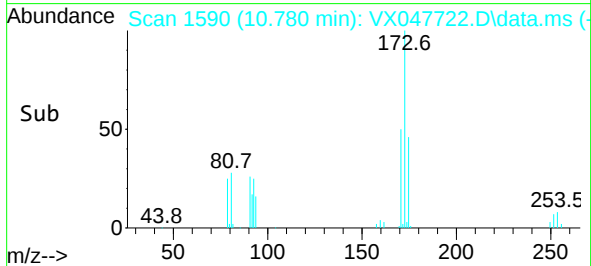
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



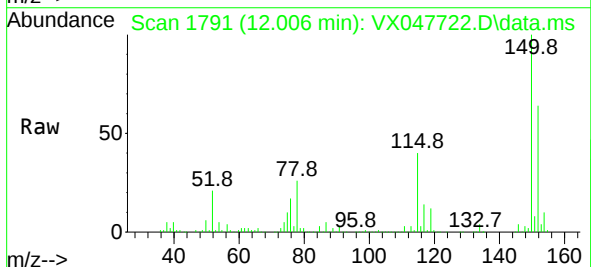
Tgt Ion:173 Resp: 28409
Ion Ratio Lower Upper
173 100
175 47.1 24.9 74.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

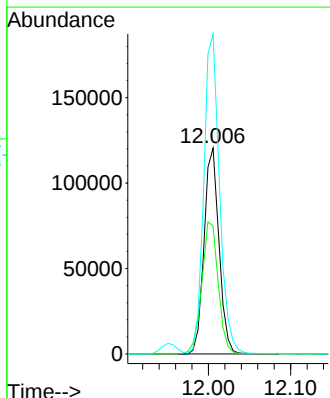
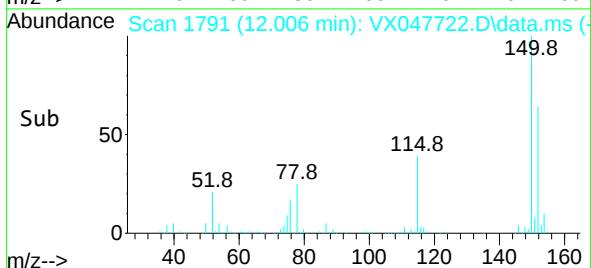
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

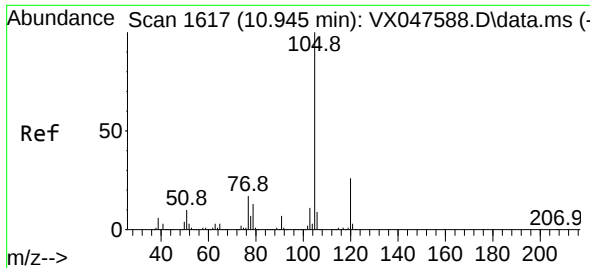


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



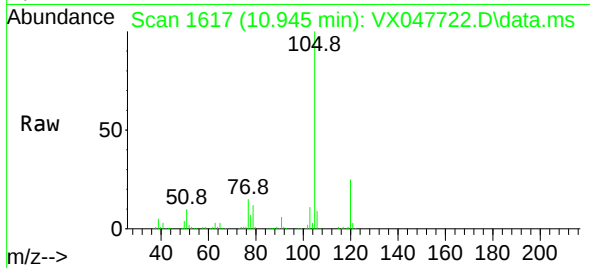
Tgt Ion:152 Resp: 152010
Ion Ratio Lower Upper
152 100
115 70.7 44.9 134.5
150 162.6 0.0 352.0





#73
Isopropylbenzene
Concen: 15.213 ug/l
RT: 10.945 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

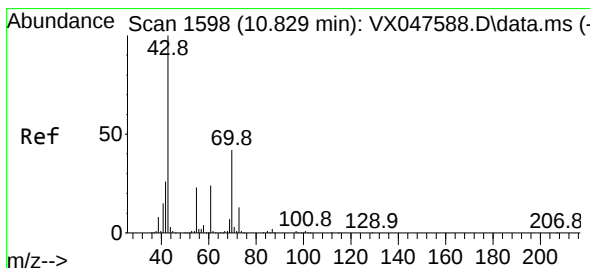
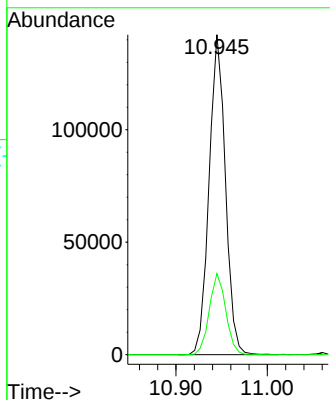
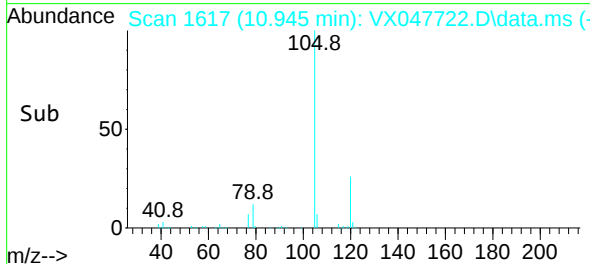
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion:105 Resp: 175814
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.4

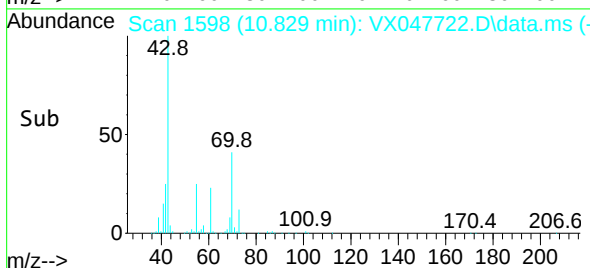
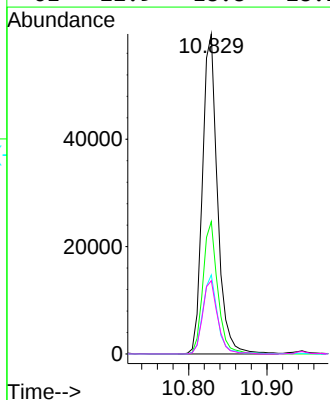
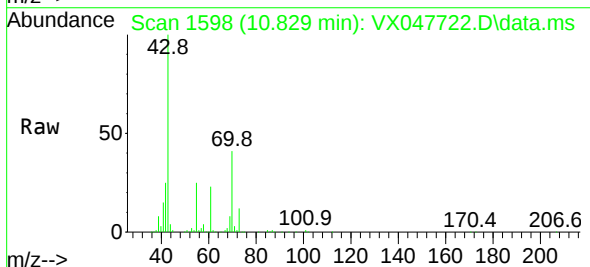
Manual Integrations
APPROVED

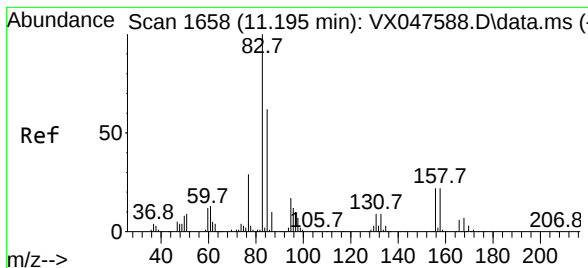
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#74
N-ethyl acetate
Concen: 15.067 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

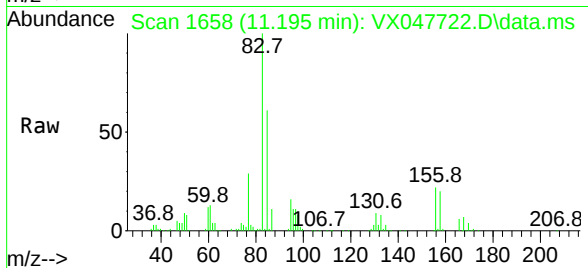
Tgt Ion: 43 Resp: 79402
Ion Ratio Lower Upper
43 100
70 40.6 32.0 48.0
55 24.1 18.9 28.3
61 22.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 16.041 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

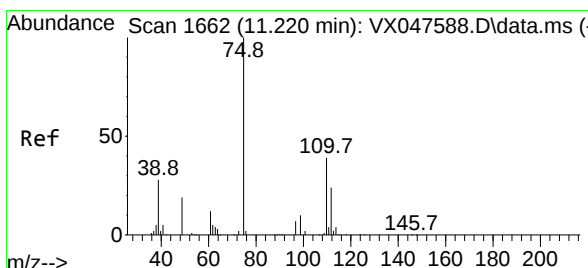
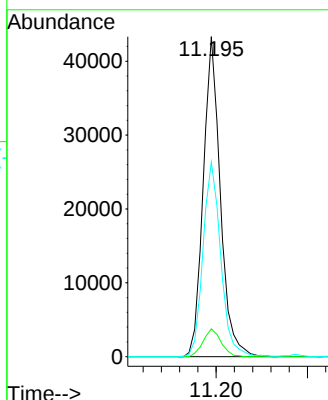
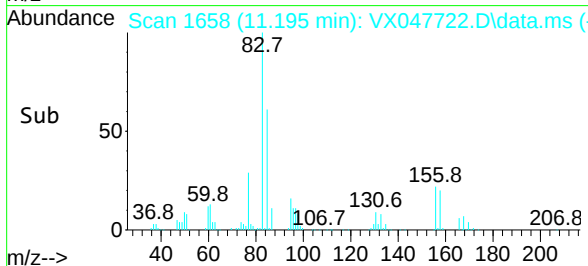
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



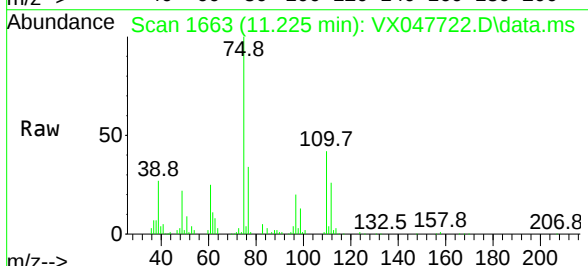
Tgt Ion: 83 Resp: 5608
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 63.2 31.6 95.0

Manual Integrations
APPROVED

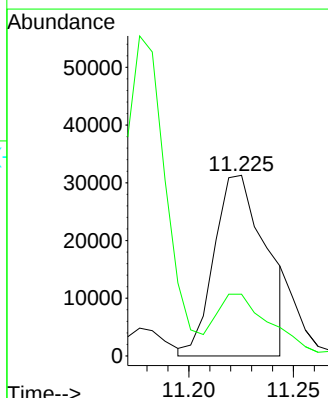
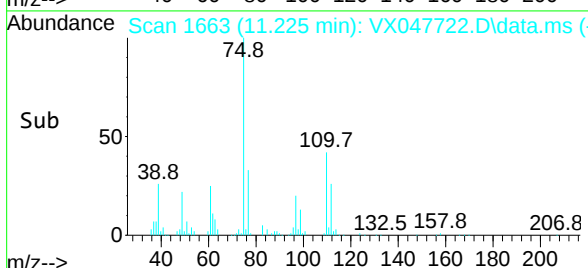
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

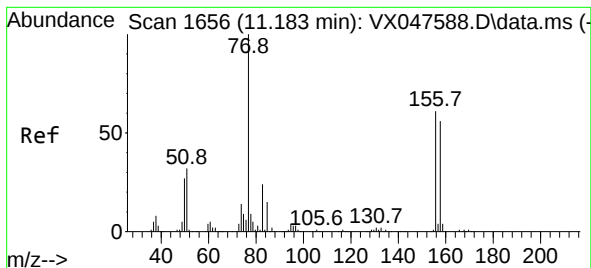


#76
1,2,3-Trichloropropane
Concen: 17.568 ug/l m
RT: 11.225 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



Tgt Ion: 75 Resp: 54069
Ion Ratio Lower Upper
75 100
77 35.3 18.8 56.4





#77

Bromobenzene

Concen: 15.855 ug/l

RT: 11.183 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

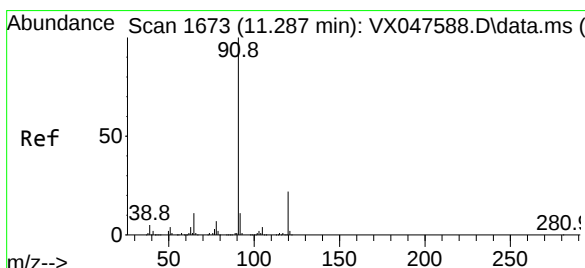
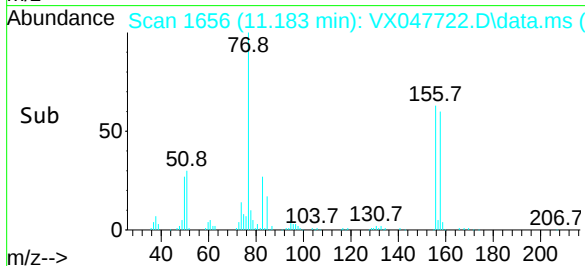
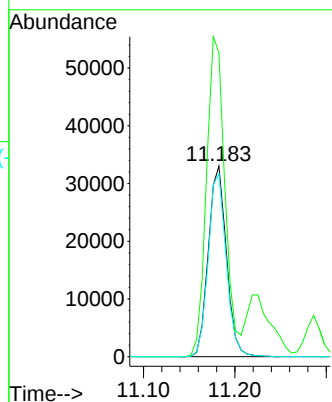
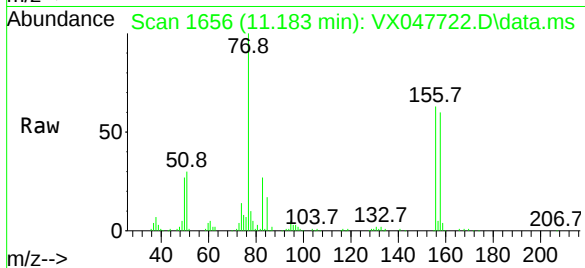
Tgt Ion:	156	Resp:	45130
Ion Ratio	Lower	Upper	
156	100		
77	172.3	89.7	269.1
158	95.7	47.9	143.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#78

n-propylbenzene

Concen: 15.106 ug/l

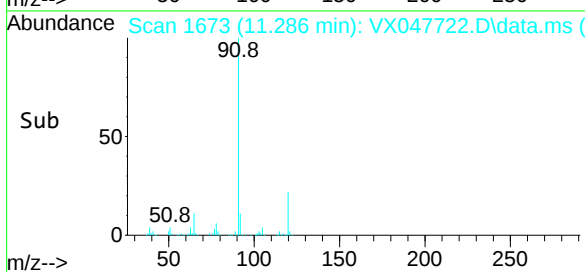
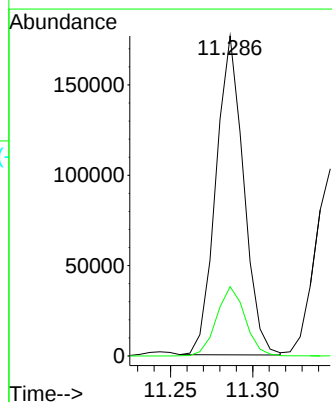
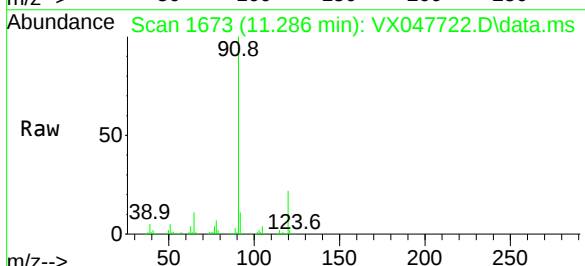
RT: 11.286 min Scan# 1673

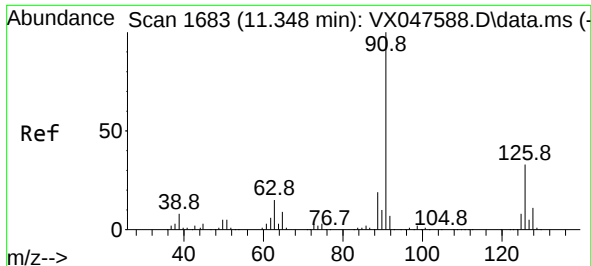
Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Tgt Ion:	91	Resp:	206369
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.1	33.1





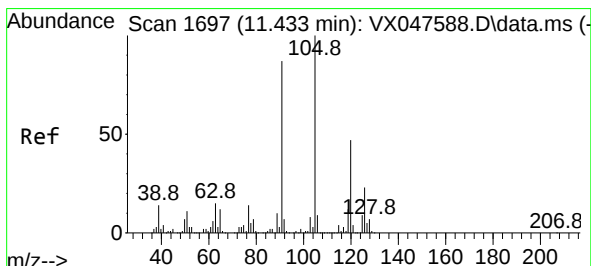
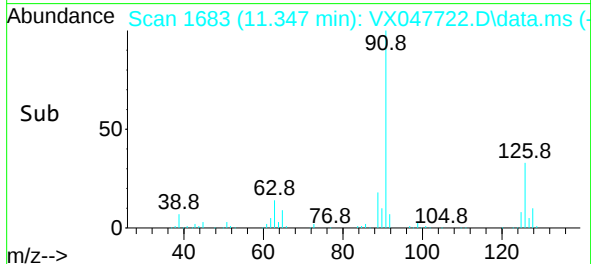
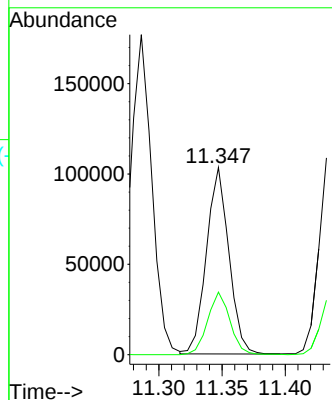
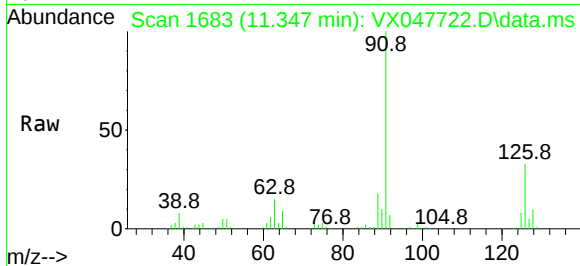
#79
2-Chlorotoluene
Concen: 15.228 ug/l
RT: 11.347 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01

Tgt Ion: 91 Resp: 127410
Ion Ratio Lower Upper
91 100
126 33.5 16.1 48.3

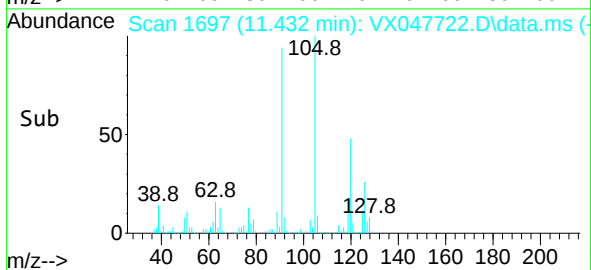
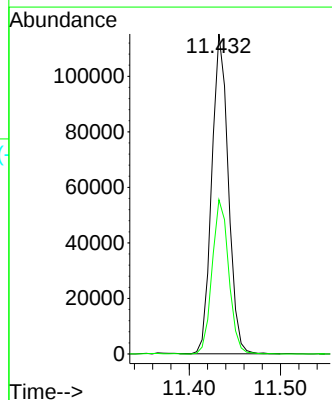
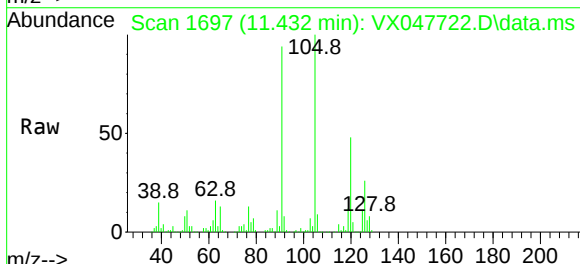
Manual Integrations
APPROVED

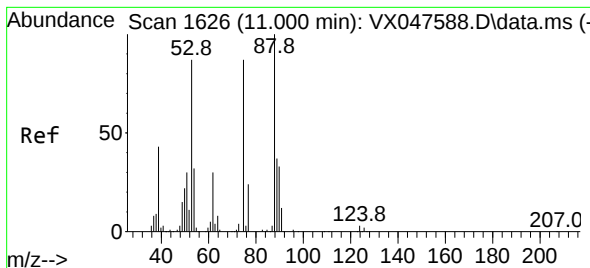
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#80
1,3,5-Trimethylbenzene
Concen: 15.185 ug/l
RT: 11.432 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

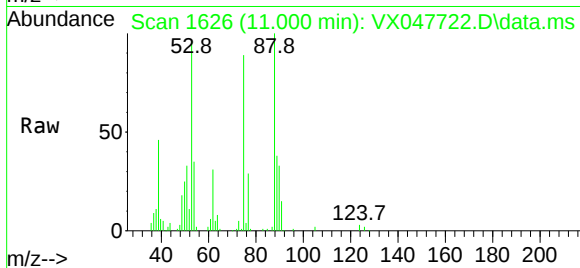
Tgt Ion:105 Resp: 144178
Ion Ratio Lower Upper
105 100
120 48.5 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 14.108 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

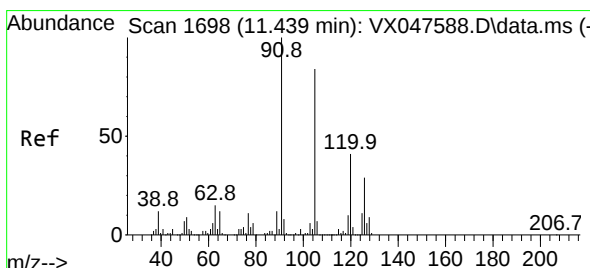
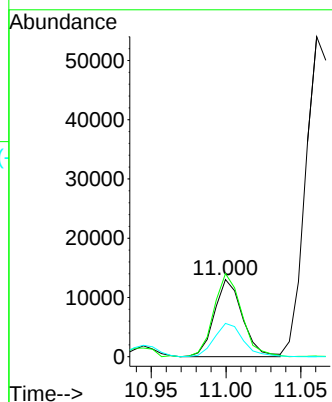
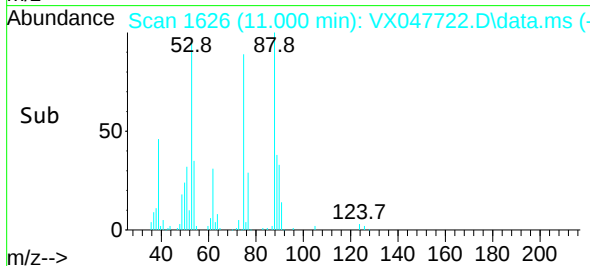
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 75 Resp: 1702
Ion Ratio Lower Upper
75 100
53 106.1 83.4 125.2
89 44.4 36.3 54.5

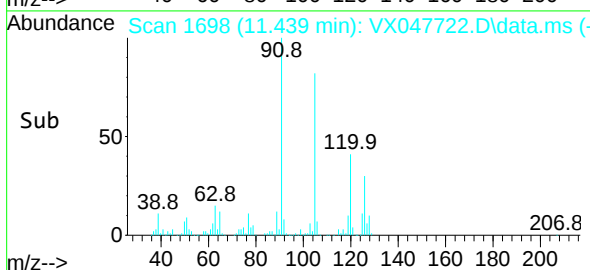
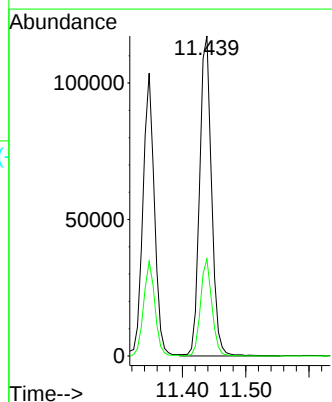
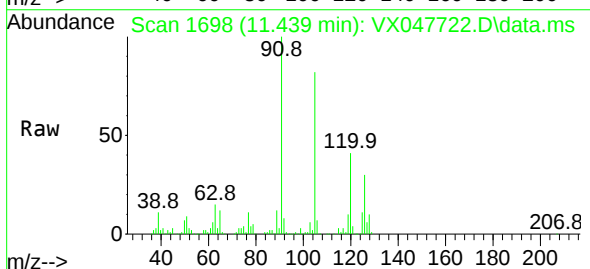
Manual Integrations
APPROVED

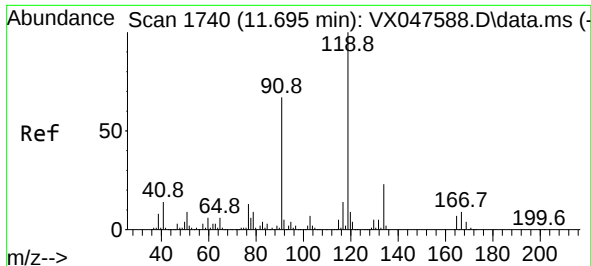
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#82
4-Chlorotoluene
Concen: 15.592 ug/l
RT: 11.439 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

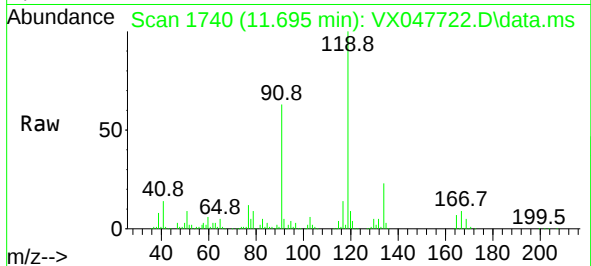
Tgt Ion: 91 Resp: 154088
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 15.047 ug/l
RT: 11.695 min Scan# 1740
Delta R.T. -0.001 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

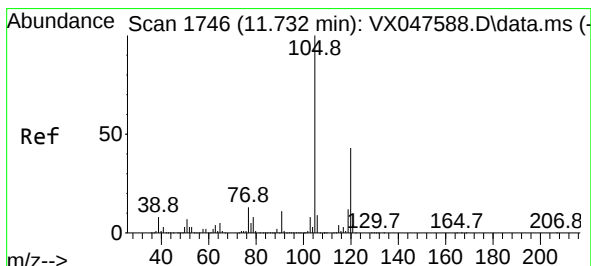
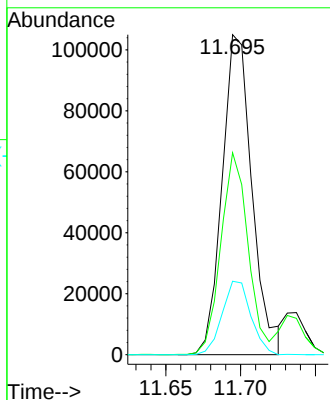
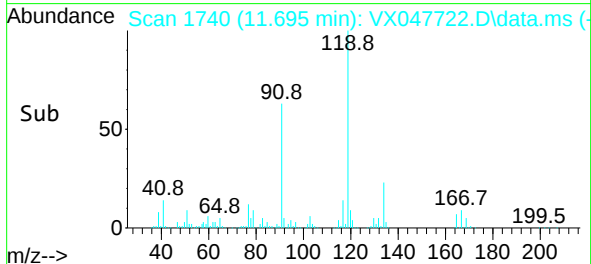
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



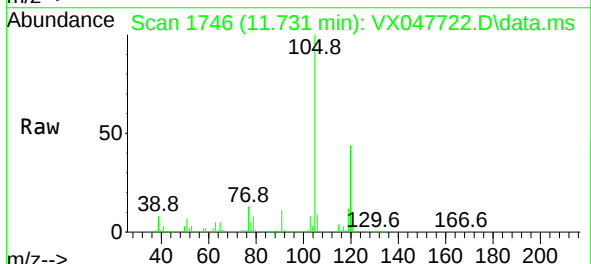
Tgt Ion:119 Resp: 146252
Ion Ratio Lower Upper
119 100
91 57.5 29.6 88.8
134 22.1 11.0 33.0

Manual Integrations
APPROVED

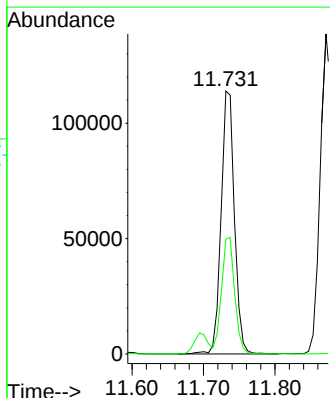
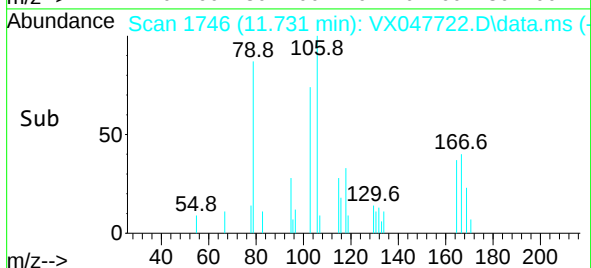
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

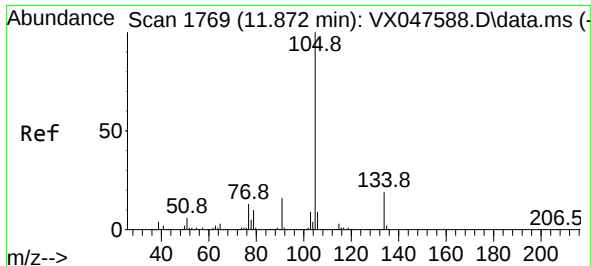


#84
1,2,4-Trimethylbenzene
Concen: 15.338 ug/l
RT: 11.731 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



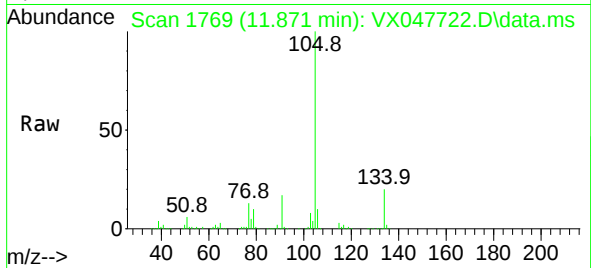
Tgt Ion:105 Resp: 147644
Ion Ratio Lower Upper
105 100
120 43.8 22.1 66.1





#85
 sec-Butylbenzene
 Concen: 15.072 ug/l
 RT: 11.871 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VX047722.D
 Acq: 23 Sep 2025 10:48

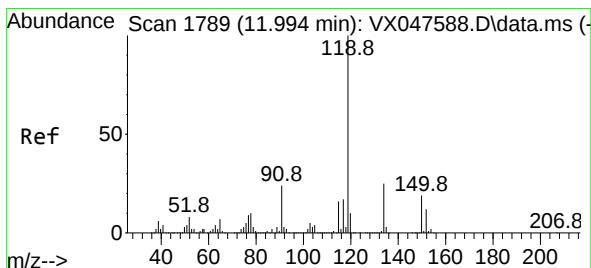
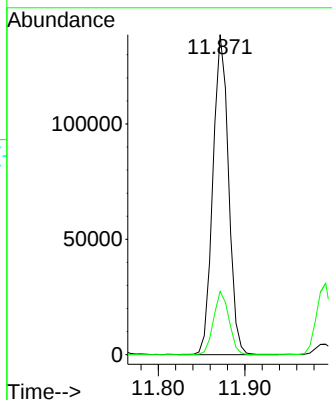
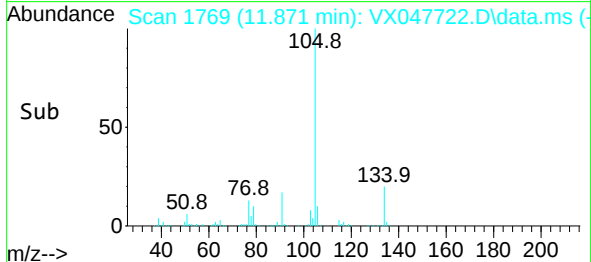
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0923WBS01



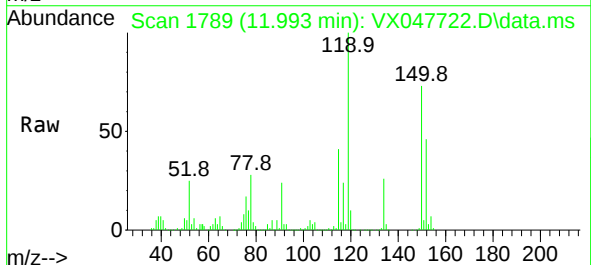
Tgt Ion:105 Resp: 174002
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.5

Manual Integrations
 APPROVED

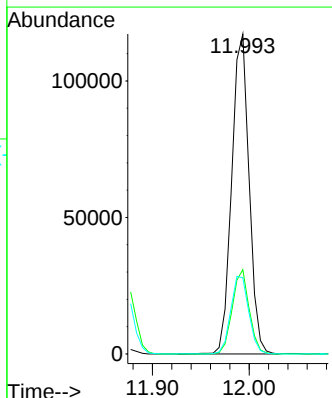
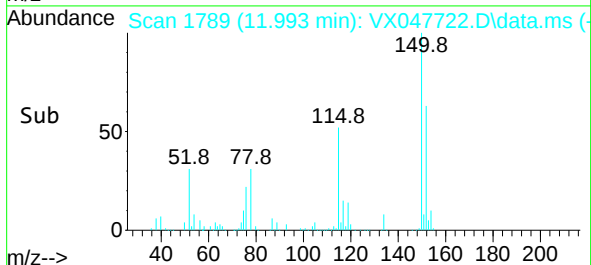
Reviewed By :John Carlone 09/24/2025
 Supervised By :Mahesh Dadoda 09/26/2025



#86
 p-Isopropyltoluene
 Concen: 14.962 ug/l
 RT: 11.993 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: VX047722.D
 Acq: 23 Sep 2025 10:48



Tgt Ion:119 Resp: 146243
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 25.3 12.6 37.6





#87

1,3-Dichlorobenzene

Concen: 15.421 ug/l

RT: 11.951 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

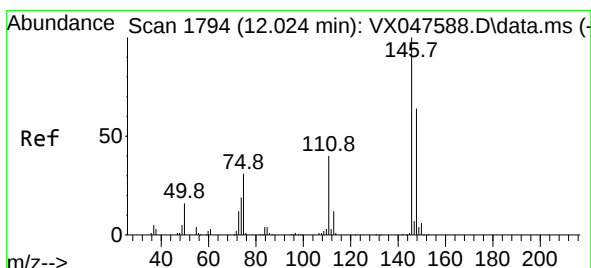
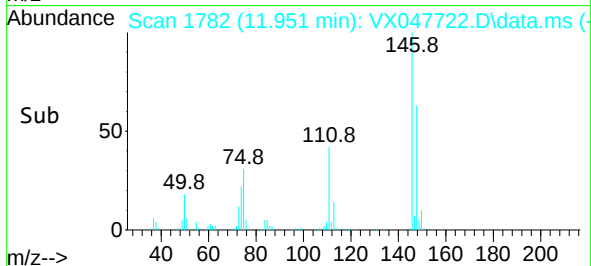
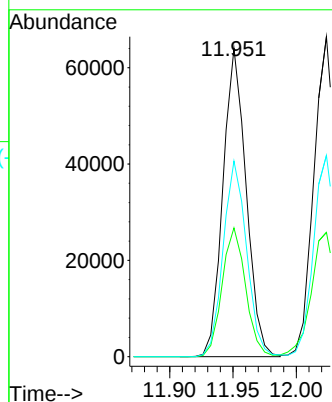
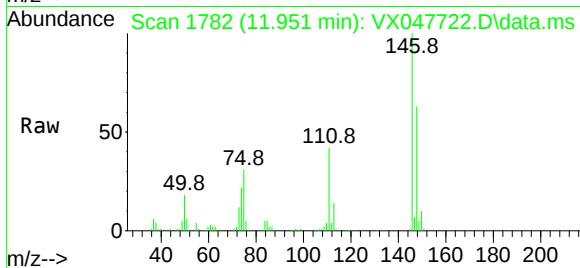
Tgt Ion:146	Resp:	8153
Ion Ratio	Lower	Upper
146	100	
111	42.3	21.5 64.5
148	64.2	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#88

1,4-Dichlorobenzene

Concen: 15.540 ug/l

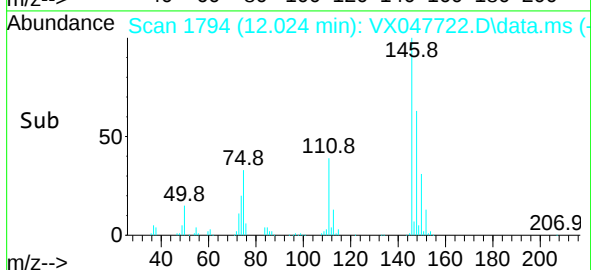
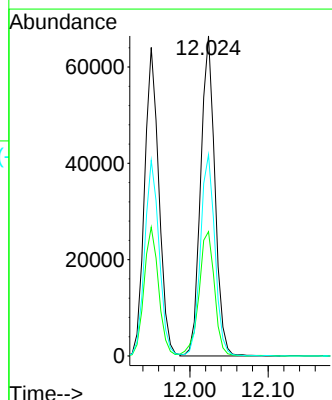
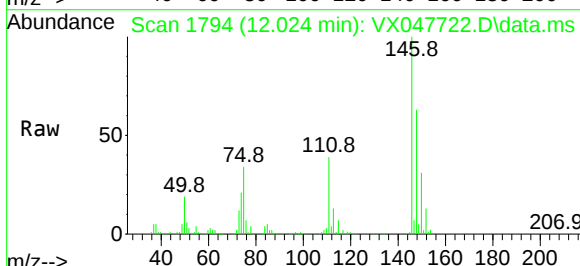
RT: 12.024 min Scan# 1794

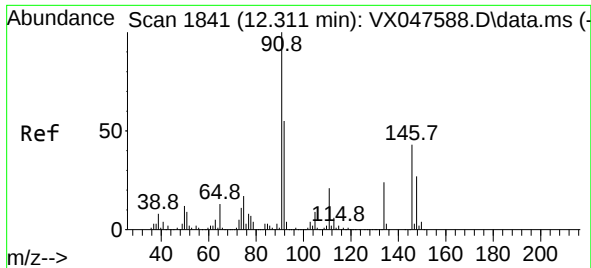
Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

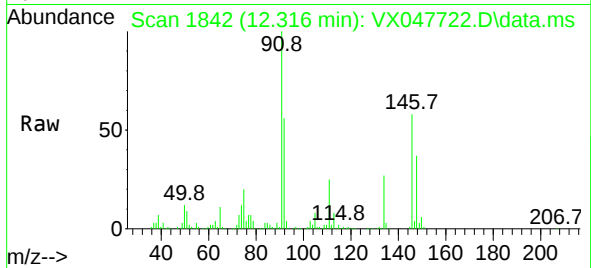
Tgt Ion:146	Resp:	84322
Ion Ratio	Lower	Upper
146	100	
111	42.2	20.8 62.4
148	63.7	31.7 95.1





#89
n-Butylbenzene
Concen: 14.757 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

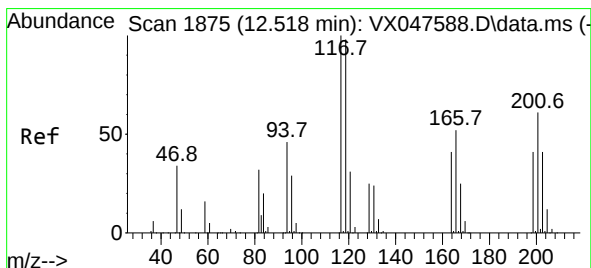
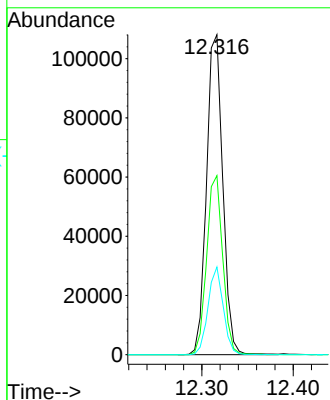
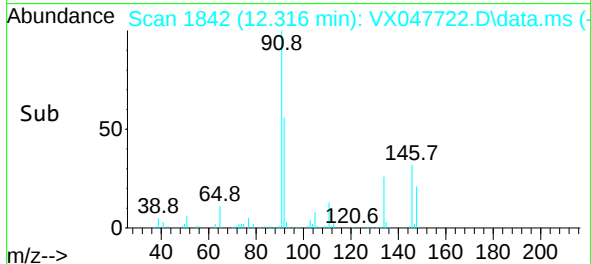
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion: 91 Resp: 13346
Ion Ratio Lower Upper
91 100
92 55.3 27.6 82.7
134 25.7 12.6 37.8

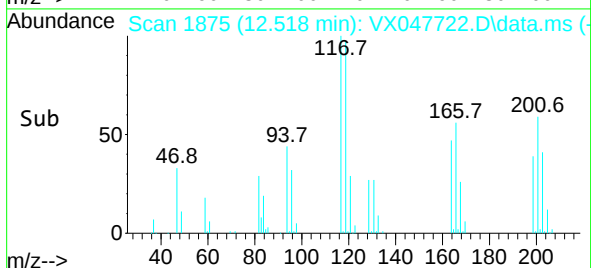
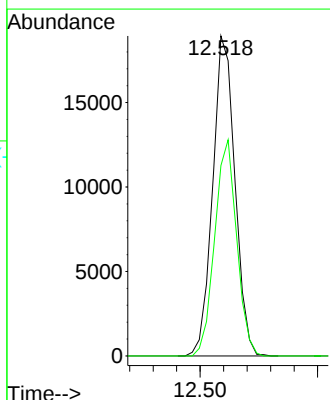
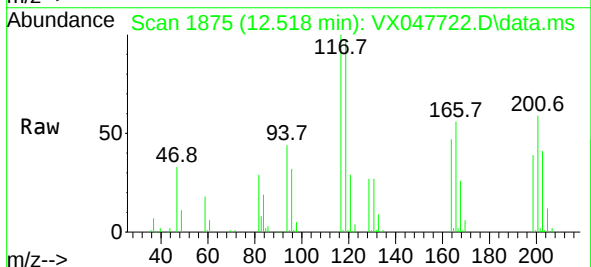
Manual Integrations
APPROVED

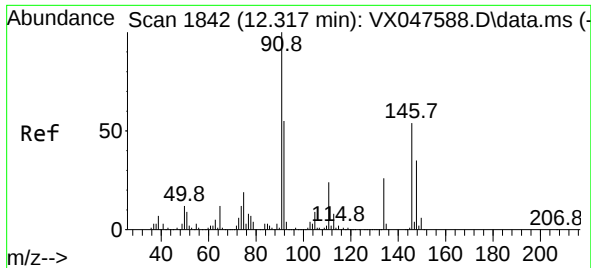
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#90
Hexachloroethane
Concen: 14.508 ug/l
RT: 12.518 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

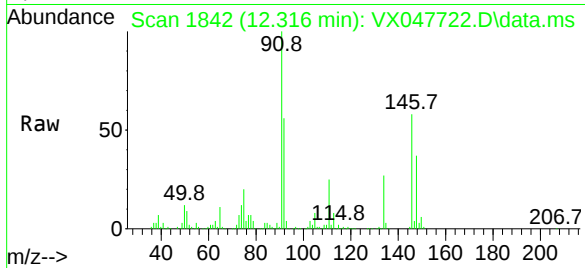
Tgt Ion:117 Resp: 24897
Ion Ratio Lower Upper
117 100
201 66.7 34.2 102.5





#91
1,2-Dichlorobenzene
Concen: 15.793 ug/l
RT: 12.316 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

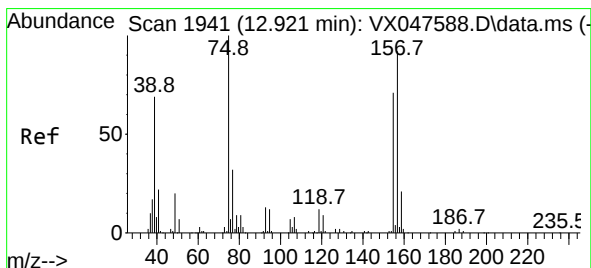
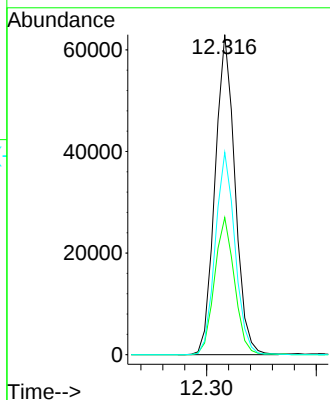
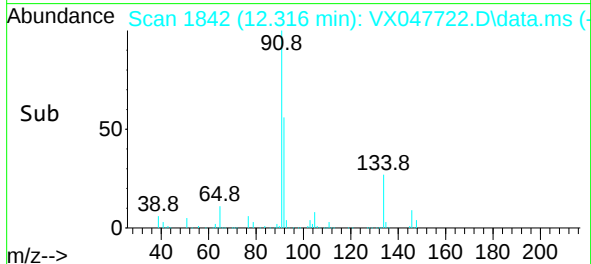
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



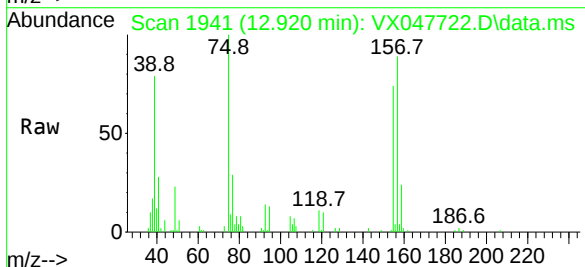
Tgt Ion:146 Resp: 7954
Ion Ratio Lower Upper
146 100
111 43.0 22.2 66.6
148 62.7 31.8 95.4

Manual Integrations
APPROVED

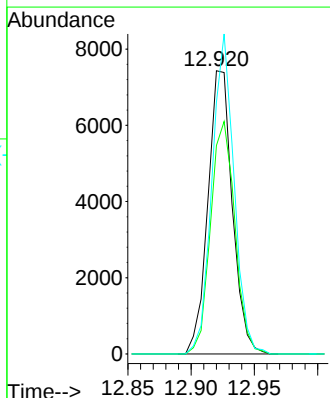
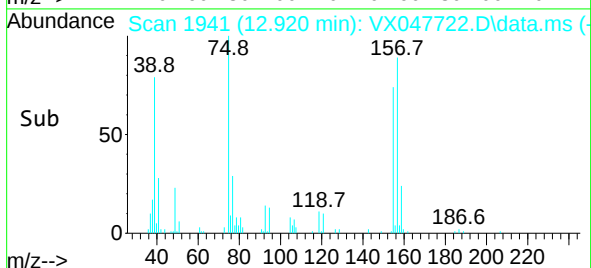
Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025

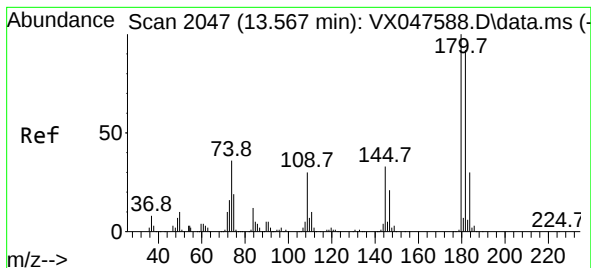


#92
1,2-Dibromo-3-Chloropropane
Concen: 14.152 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48



Tgt Ion: 75 Resp: 10018
Ion Ratio Lower Upper
75 100
155 81.1 37.7 113.1
157 101.4 49.8 149.4





#93

1,2,4-Trichlorobenzene

Concen: 15.114 ug/l

RT: 13.566 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX0923WBS01

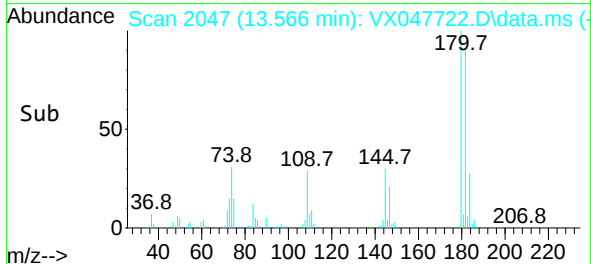
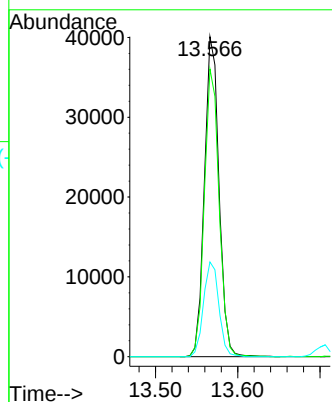
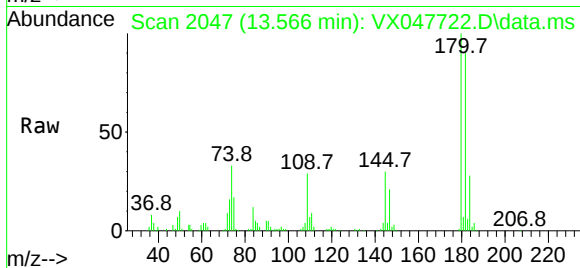
Tgt Ion:180	Resp:	4947
Ion Ratio	Lower	Upper
180	100	
182	90.7	46.6 139.8
145	31.1	16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/24/2025

Supervised By :Mahesh Dadoda 09/26/2025



#94

Hexachlorobutadiene

Concen: 14.248 ug/l

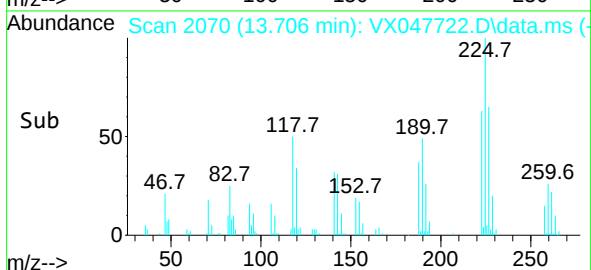
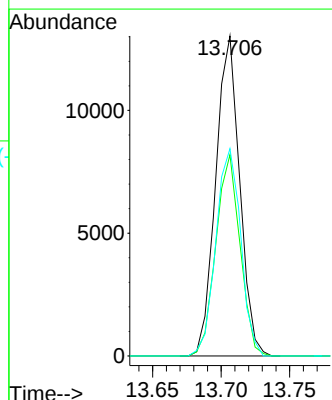
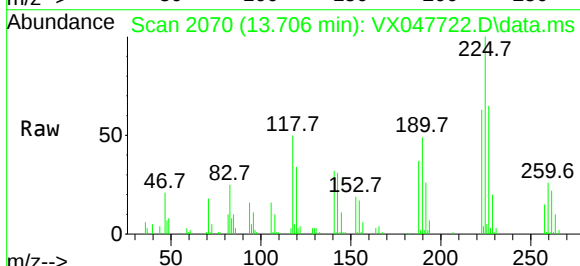
RT: 13.706 min Scan# 2070

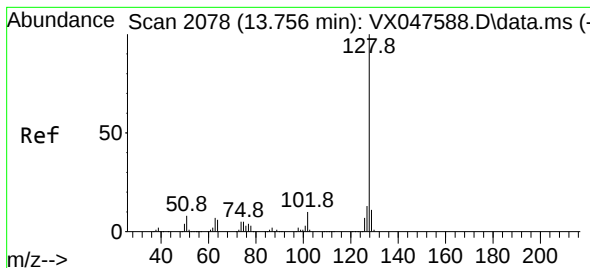
Delta R.T. -0.001 min

Lab File: VX047722.D

Acq: 23 Sep 2025 10:48

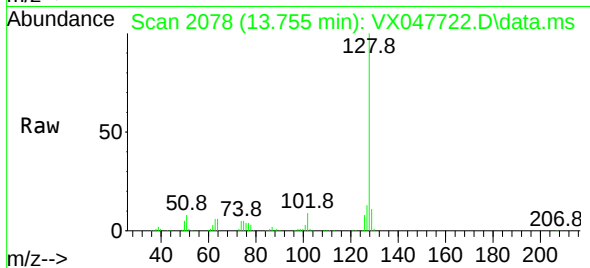
Tgt Ion:225	Resp:	15842
Ion Ratio	Lower	Upper
225	100	
223	63.3	31.7 95.1
227	67.0	32.0 96.0





#95
Naphthalene
Concen: 14.294 ug/l
RT: 13.755 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

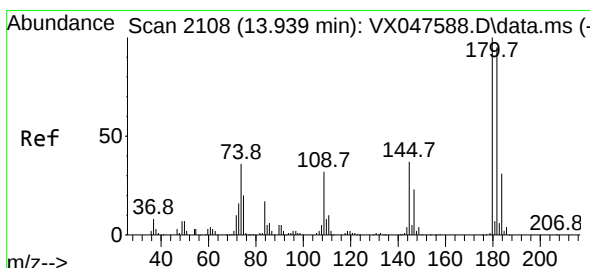
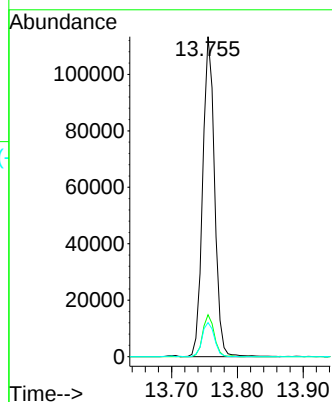
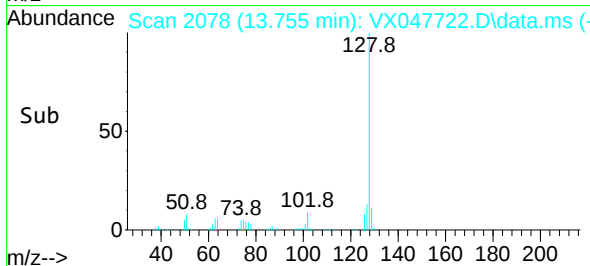
Instrument :
MSVOA_X
ClientSampleId :
VX0923WBS01



Tgt Ion:128 Resp: 142481
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/24/2025
Supervised By :Mahesh Dadoda 09/26/2025



#96
1,2,3-Trichlorobenzene
Concen: 14.870 ug/l
RT: 13.944 min Scan# 2109
Delta R.T. 0.006 min
Lab File: VX047722.D
Acq: 23 Sep 2025 10:48

Tgt Ion:180 Resp: 45281
Ion Ratio Lower Upper
180 100
182 93.3 47.6 142.8
145 34.9 17.9 53.7

