

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072825\
 Data File : VX047155.D
 Acq On : 28 Jul 2025 10:45
 Operator : JC/MD
 Sample : VX0728WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS01

Quant Time: Jul 29 02:12:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/29/2025
 Supervised By : Mahesh Dadoda 07/29/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	313373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	525191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	469756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	234098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177972	45.591	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.180%		
35) Dibromofluoromethane	5.391	113	154941	47.781	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.560%		
50) Toluene-d8	8.647	98	479039	45.617	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.240%#		
62) 4-Bromofluorobenzene	11.079	95	214565	47.412	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	77791	18.689	ug/l	96
3) Chloromethane	1.313	50	66503	16.152	ug/l	99
4) Vinyl Chloride	1.392	62	85341	19.282	ug/l	99
5) Bromomethane	1.630	94	46561	19.366	ug/l	96
6) Chloroethane	1.709	64	49163	16.912	ug/l	100
7) Trichlorofluoromethane	1.904	101	123124	18.656	ug/l	99
8) Diethyl Ether	2.148	74	41954	18.029	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	73027	18.366	ug/l	99
10) Methyl Iodide	2.471	142	100813	24.878	ug/l	99
11) Tert butyl alcohol	2.959	59	38716	77.755	ug/l	97
12) 1,1-Dichloroethene	2.337	96	72370	18.376	ug/l	93
13) Acrolein	2.252	56	68505	81.503	ug/l	99
14) Allyl chloride	2.678	41	121672	17.092	ug/l	94
15) Acrylonitrile	3.075	53	167430	89.931	ug/l	100
16) Acetone	2.386	43	147339	94.218	ug/l	98
17) Carbon Disulfide	2.532	76	199293	17.492	ug/l	99
18) Methyl Acetate	2.709	43	81763	19.675	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	229733	19.168	ug/l	100
20) Methylene Chloride	2.800	84	77228	17.951	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	73614	18.267	ug/l	96
22) Diisopropyl ether	3.764	45	261012	19.070	ug/l	90
23) Vinyl Acetate	3.727	43	1039901	94.729	ug/l	99
24) 1,1-Dichloroethane	3.623	63	141618	18.607	ug/l	99
25) 2-Butanone	4.562	43	210409	92.405	ug/l	100
26) 2,2-Dichloropropane	4.483	77	113846	19.324	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	88078	18.456	ug/l	99
28) Bromochloromethane	4.904	49	77491	22.131	ug/l	99
29) Tetrahydrofuran	5.013	42	127440	86.743	ug/l	98
30) Chloroform	5.105	83	143538	18.527	ug/l	96
31) Cyclohexane	5.483	56	134270	18.399	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	125352	18.628	ug/l	99
36) 1,1-Dichloropropene	5.702	75	99171	17.941	ug/l	99
37) Ethyl Acetate	4.721	43	90744	17.816	ug/l	99
38) Carbon Tetrachloride	5.684	117	111694	18.933	ug/l	99
39) Methylcyclohexane	7.385	83	128033	18.552	ug/l	97
40) Benzene	6.044	78	298722	18.674	ug/l	98

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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 07/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48390	18.170	ug/l #	92
42) 1,2-Dichloroethane	6.092	62	108096	19.183	ug/l	99
43) Isopropyl Acetate	6.342	43	149806	18.866	ug/l	100
44) Trichloroethene	7.129	130	75750	18.466	ug/l	99
45) 1,2-Dichloropropane	7.434	63	74825	18.676	ug/l	98
46) Dibromomethane	7.586	93	53643	19.093	ug/l	99
47) Bromodichloromethane	7.824	83	115118	19.250	ug/l	97
48) Methyl methacrylate	7.696	41	77796	17.985	ug/l	99
49) 1,4-Dioxane	7.708	88	19105	388.326	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	438798	92.973	ug/l	99
52) Toluene	8.720	92	188706	19.185	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	107997	19.124	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	116846	18.905	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70113	19.007	ug/l	99
56) Ethyl methacrylate	9.116	69	102202	18.715	ug/l	96
57) 1,3-Dichloropropane	9.305	76	119701	18.672	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	254306	83.687	ug/l	100
59) 2-Hexanone	9.427	43	297933	95.547	ug/l	100
60) Dibromochloromethane	9.519	129	83631	19.331	ug/l	98
61) 1,2-Dibromoethane	9.610	107	71328	18.493	ug/l	100
64) Tetrachloroethene	9.275	164	61923	18.286	ug/l	98
65) Chlorobenzene	10.079	112	204374	18.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	71869	19.397	ug/l	98
67) Ethyl Benzene	10.195	91	366130	19.028	ug/l	100
68) m/p-Xylenes	10.299	106	271050	37.643	ug/l	99
69) o-Xylene	10.640	106	131643	19.218	ug/l	99
70) Styrene	10.653	104	225118	19.165	ug/l	100
71) Bromoform	10.799	173	54892	19.503	ug/l #	99
73) Isopropylbenzene	10.957	105	349329	18.914	ug/l	100
74) N-amyl acetate	10.842	43	132693	17.807	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	96797	18.348	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	79231m	18.285	ug/l	
77) Bromobenzene	11.195	156	81993	18.509	ug/l	99
78) n-propylbenzene	11.299	91	415786	18.839	ug/l	100
79) 2-Chlorotoluene	11.360	91	246837	18.710	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	289953	19.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22833	13.576	ug/l	100
82) 4-Chlorotoluene	11.451	91	289976	18.831	ug/l	99
83) tert-Butylbenzene	11.713	119	293667	19.176	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	288523	18.958	ug/l	100
85) sec-Butylbenzene	11.890	105	361807	18.908	ug/l	99
86) p-Isopropyltoluene	12.006	119	304940	19.217	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	157441	18.705	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	158610	18.600	ug/l	97
89) n-Butylbenzene	12.329	91	287044	19.289	ug/l	98
90) Hexachloroethane	12.536	117	55242	19.460	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	148759	18.492	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19573	19.328	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	100369	18.884	ug/l	99
94) Hexachlorobutadiene	13.719	225	36903	20.416	ug/l	96
95) Naphthalene	13.774	128	298955	19.187	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	94287	18.414	ug/l	98

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

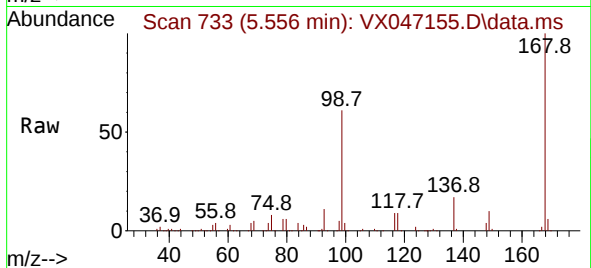
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

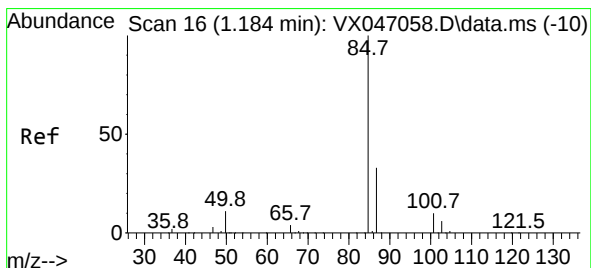
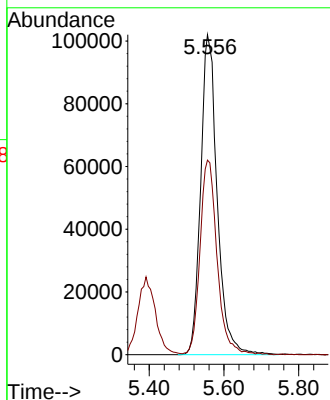
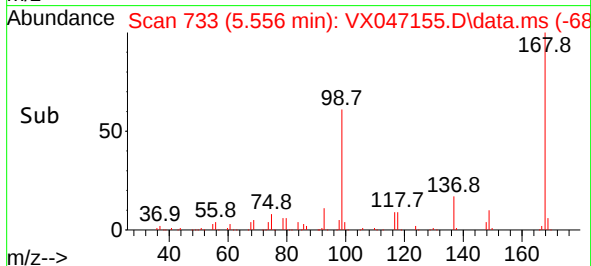
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion:168 Resp: 31337
Ion Ratio Lower Upper
168 100
99 60.7 48.0 72.0

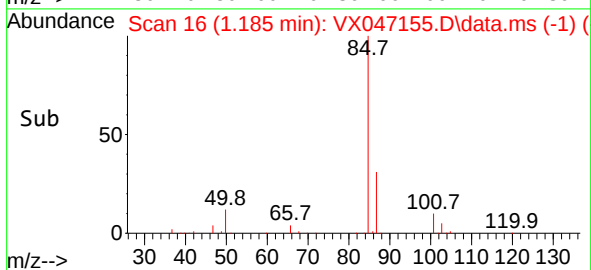
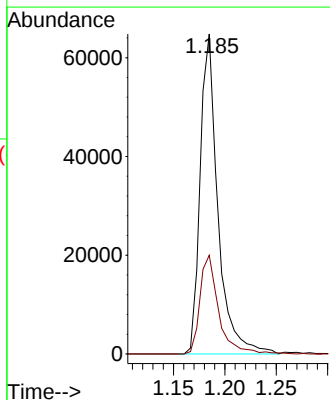
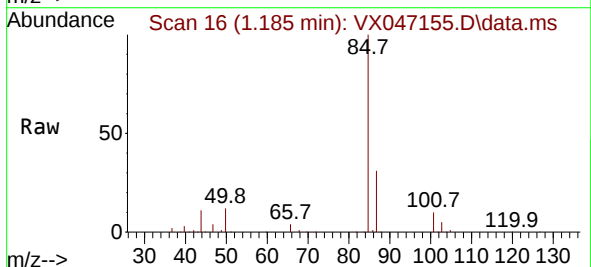
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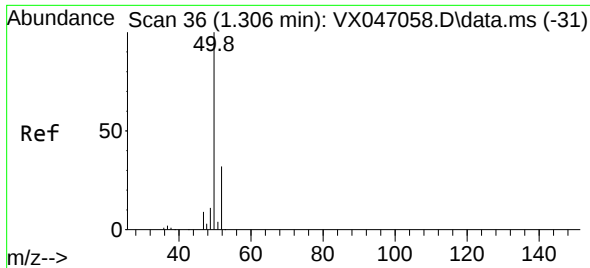
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#2
Dichlorodifluoromethane
Concen: 18.689 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 85 Resp: 77791
Ion Ratio Lower Upper
85 100
87 30.9 16.6 49.8





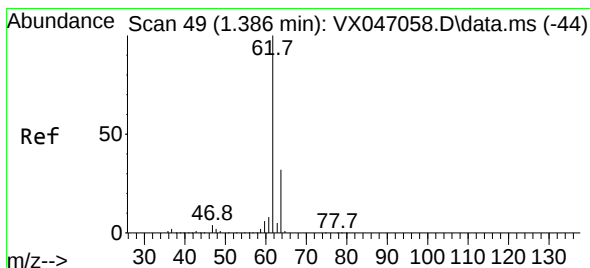
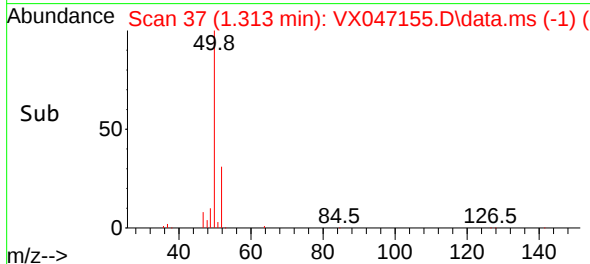
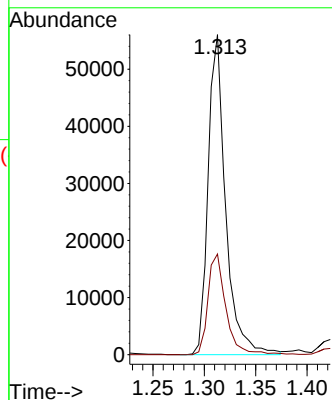
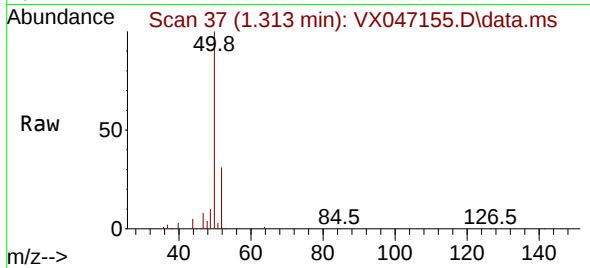
#3
Chloromethane
Concen: 16.152 ug/l
RT: 1.313 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion: 50 Resp: 6650
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2

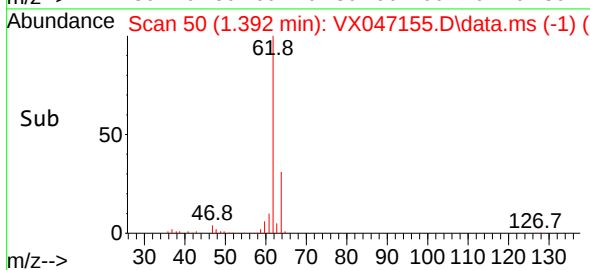
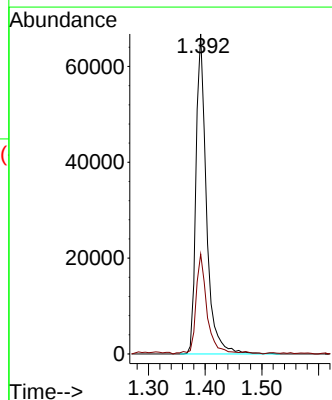
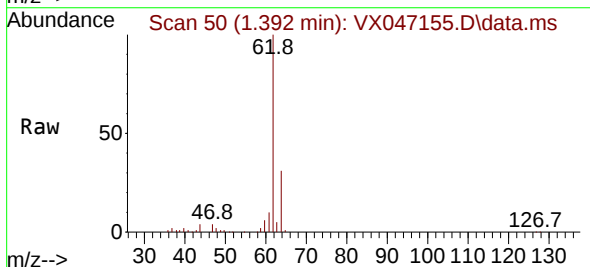
Manual Integrations
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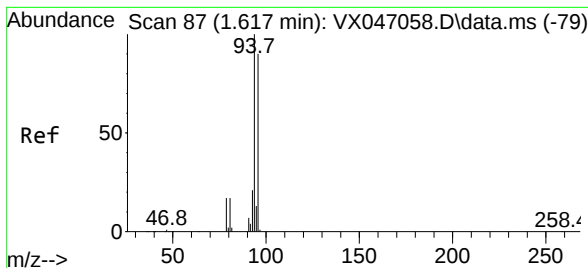
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#4
Vinyl Chloride
Concen: 19.282 ug/l
RT: 1.392 min Scan# 50
Delta R.T. 0.007 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 62 Resp: 85341
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5

Bromomethane

Concen: 19.366 ug/l

RT: 1.630 min Scan# 89

Delta R.T. 0.013 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion: 94 Resp: 4656

Ion Ratio Lower Upper

94 100

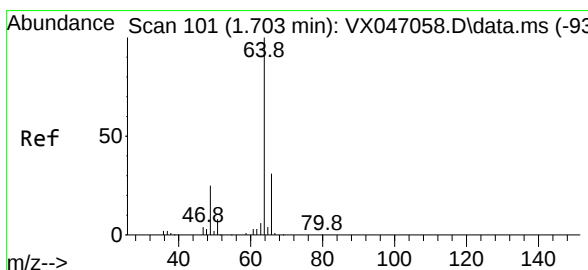
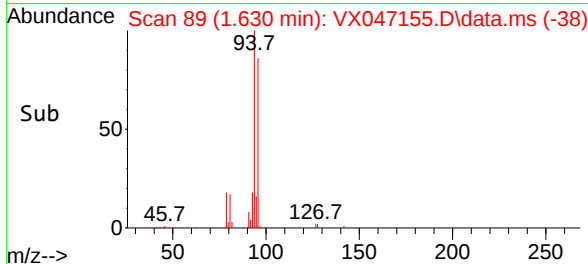
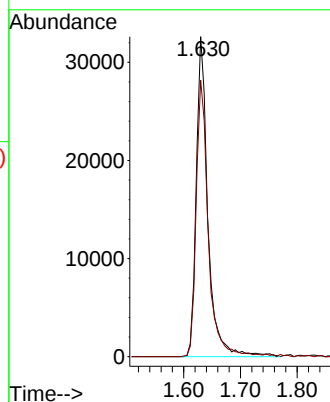
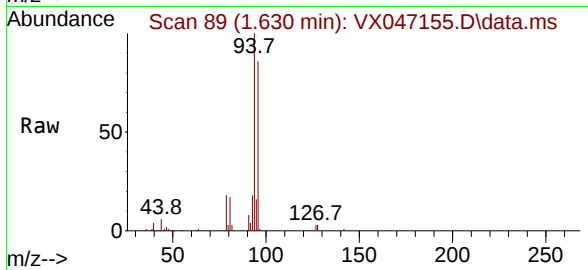
96 86.4 72.3 108.5

Manual Integrations

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Supervised By :Mahesh Dadoda 07/29/2025



#6

Chloroethane

Concen: 16.912 ug/l

RT: 1.709 min Scan# 102

Delta R.T. 0.007 min

Lab File: VX047155.D

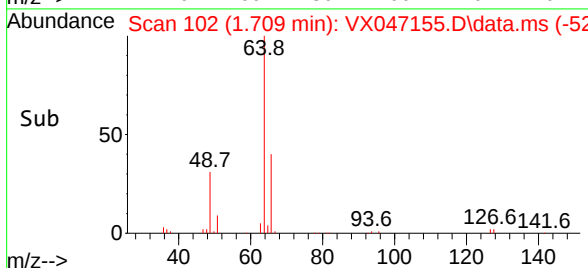
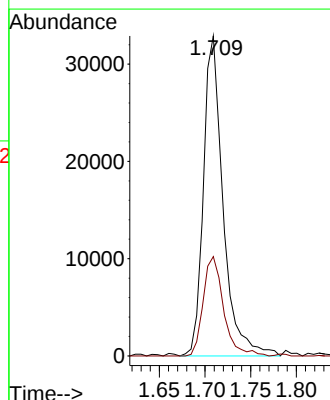
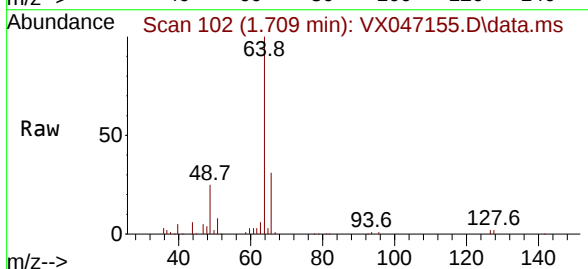
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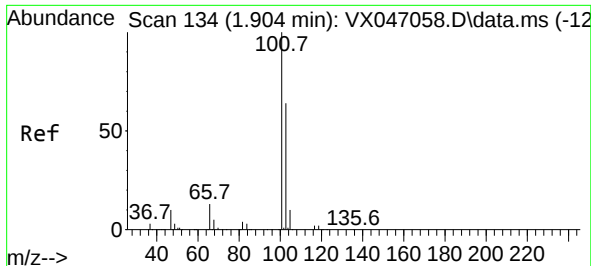
Tgt Ion: 64 Resp: 49163

Ion Ratio Lower Upper

64 100

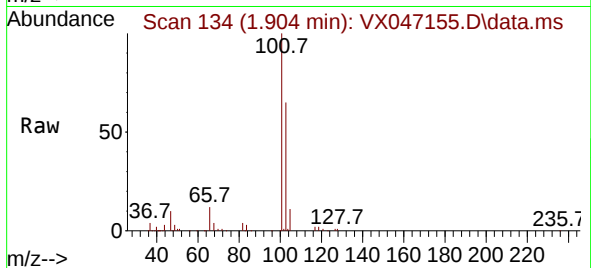
66 31.1 25.0 37.6





#7
 Trichlorofluoromethane
 Concen: 18.656 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047155.D
 Acq: 28 Jul 2025 10:45

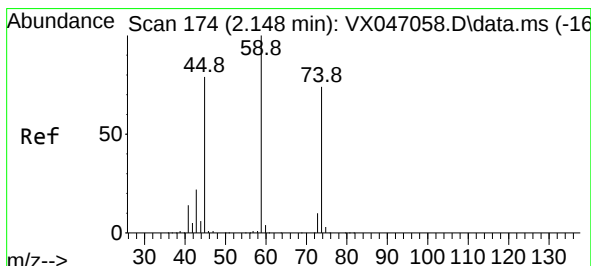
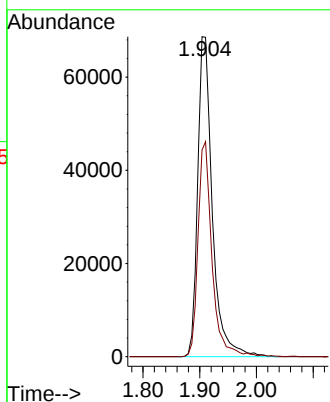
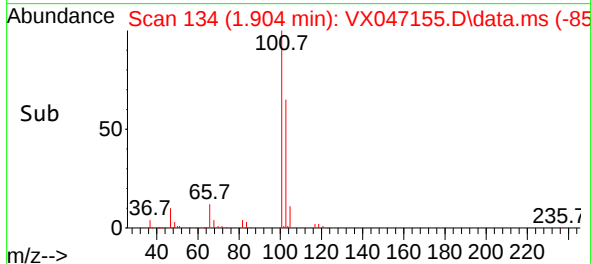
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS01



Tgt Ion:101 Resp: 123124
 Ion Ratio Lower Upper
 101 100
 103 64.6 50.9 76.3

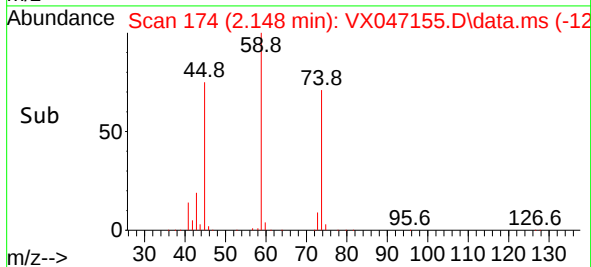
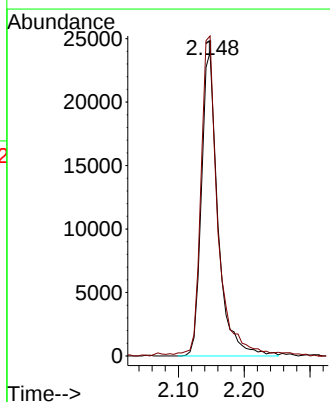
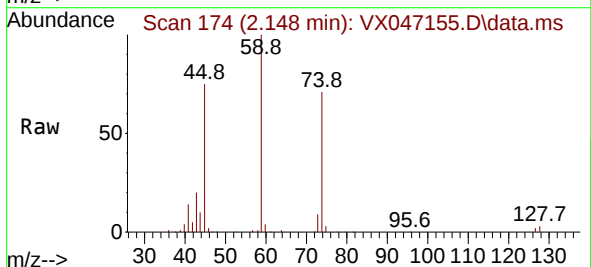
Manual Integrations
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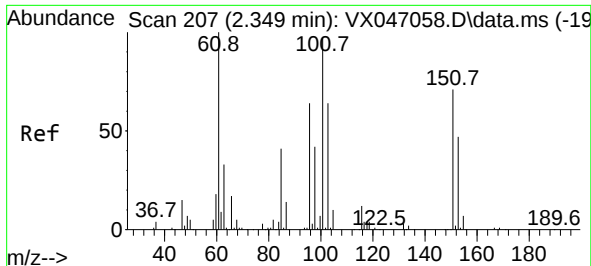
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025



#8
 Diethyl Ether
 Concen: 18.029 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX047155.D
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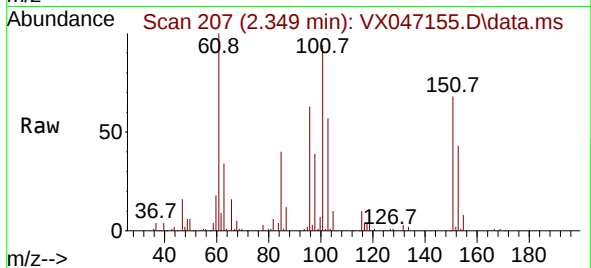
Tgt Ion: 74 Resp: 41954
 Ion Ratio Lower Upper
 74 100
 45 104.9 53.0 159.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.366 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

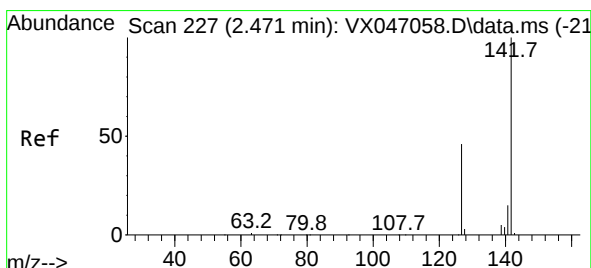
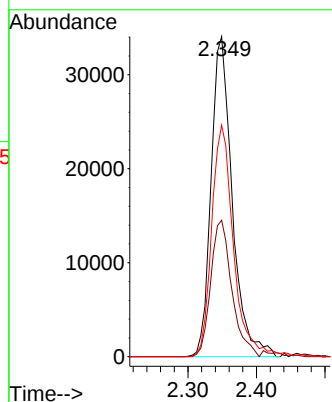
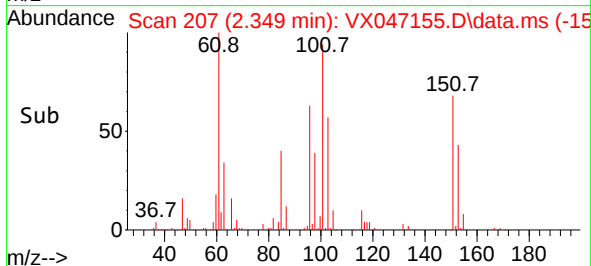
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



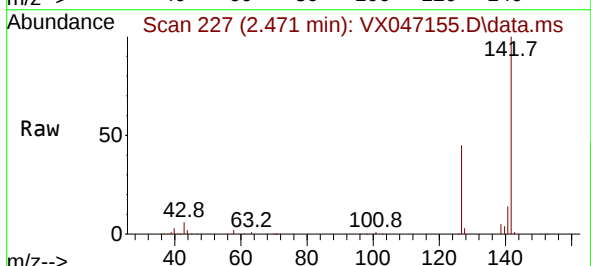
Tgt Ion:101 Resp: 7302
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.0
151 74.6 59.2 88.8

Manual Integrations
APPROVED

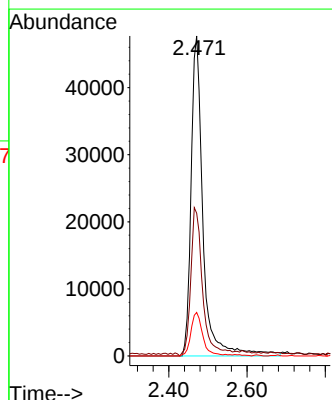
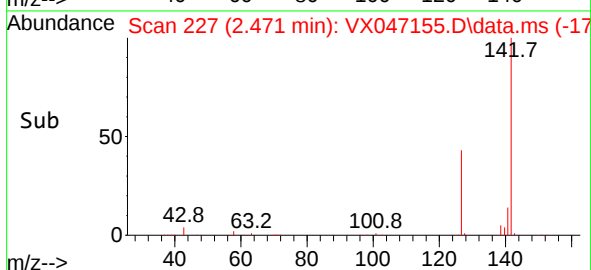
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

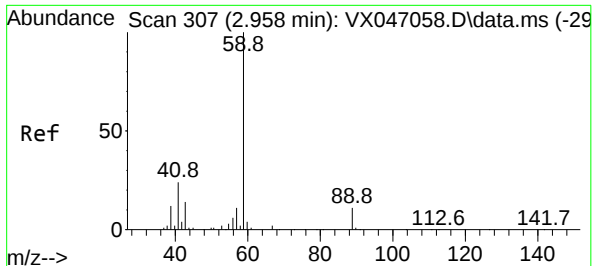


#10
Methyl Iodide
Concen: 24.878 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



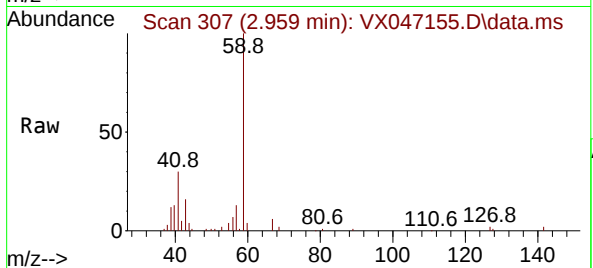
Tgt Ion:142 Resp: 100813
Ion Ratio Lower Upper
142 100
127 46.4 36.6 54.8
141 13.4 10.9 16.3





#11
Tert butyl alcohol
Concen: 77.755 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

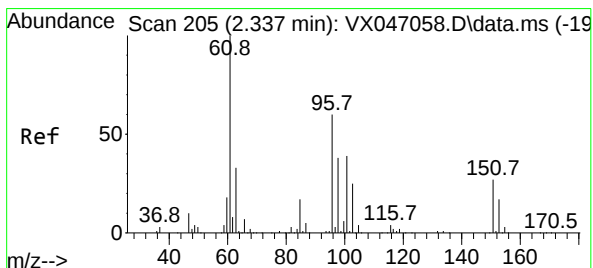
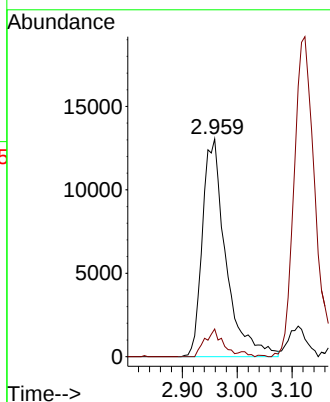
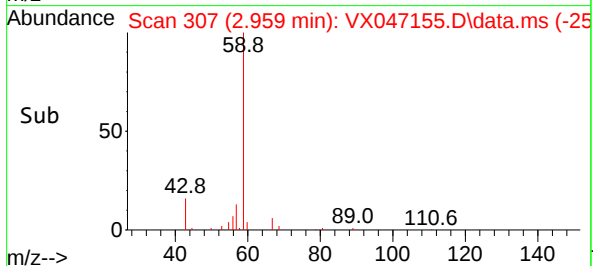
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



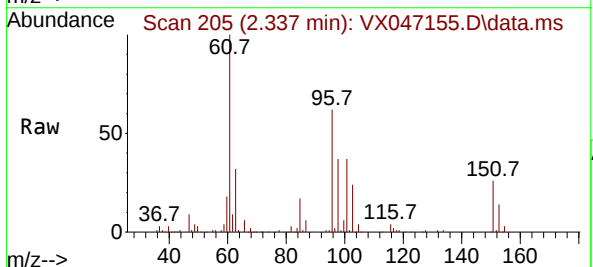
Tgt Ion: 59 Resp: 38710
Ion Ratio Lower Upper
59 100
57 9.6 8.5 12.7

Manual Integrations
APPROVED

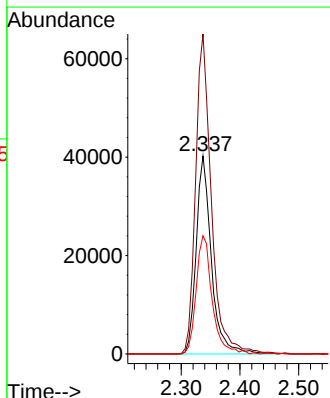
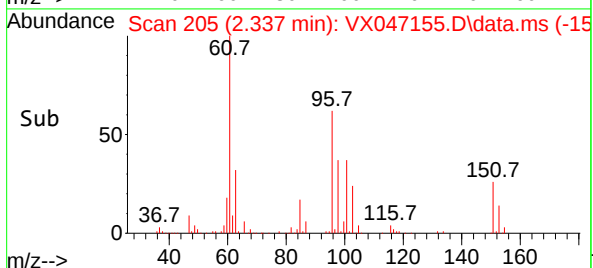
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

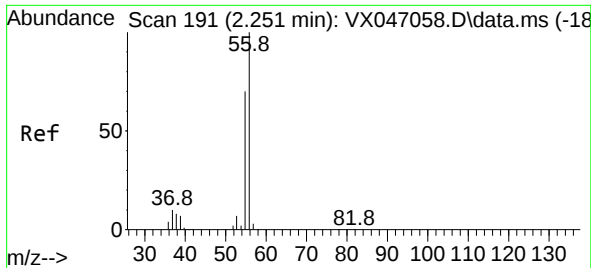


#12
1,1-Dichloroethene
Concen: 18.376 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



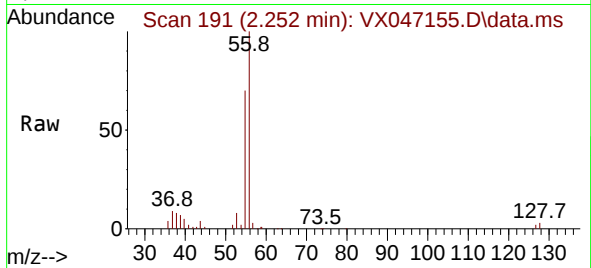
Tgt Ion: 96 Resp: 72370
Ion Ratio Lower Upper
96 100
61 155.5 132.6 198.8
98 57.5 50.2 75.4





#13
Acrolein
Concen: 81.503 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

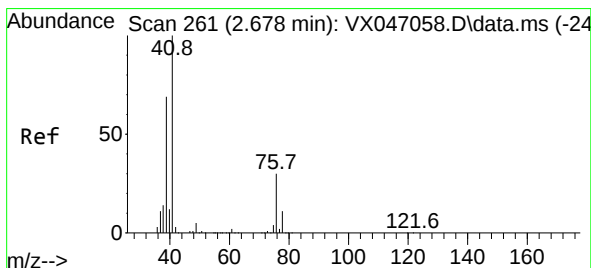
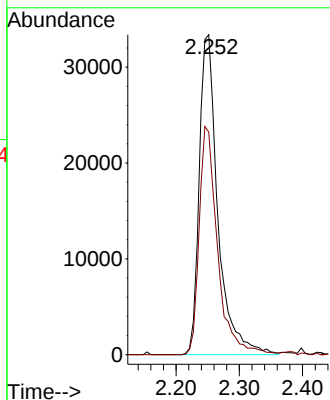
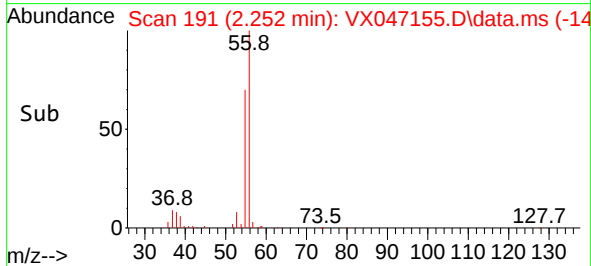
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 56 Resp: 6850
Ion Ratio Lower Upper
56 100
55 70.4 55.7 83.5

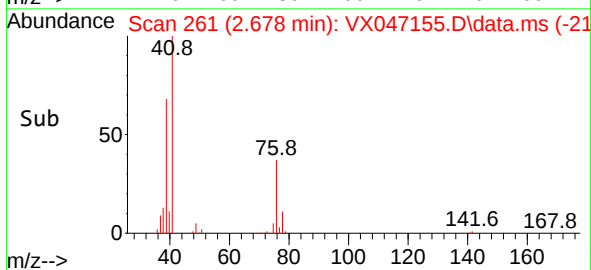
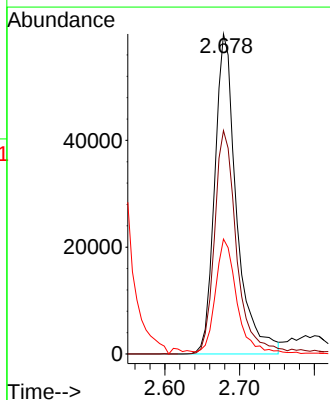
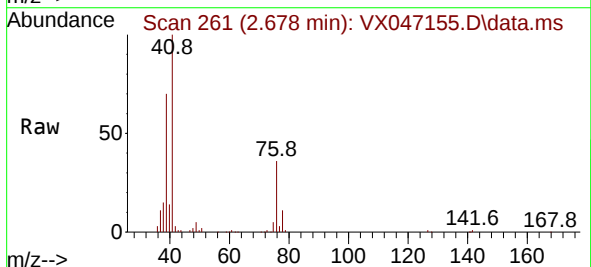
Manual Integrations
APPROVED

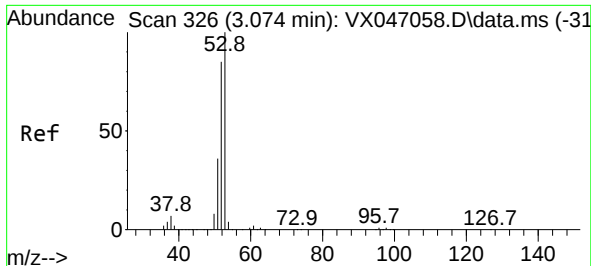
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#14
Allyl chloride
Concen: 17.092 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

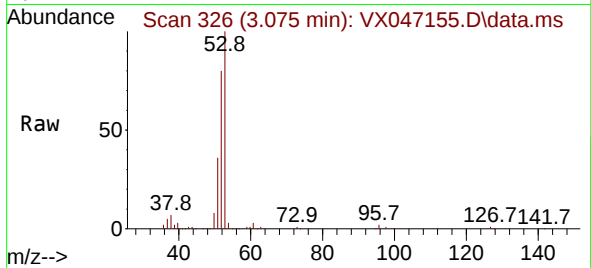
Tgt Ion: 41 Resp: 121672
Ion Ratio Lower Upper
41 100
39 70.7 52.6 78.8
76 34.7 25.7 38.5





#15
Acrylonitrile
Concen: 89.931 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

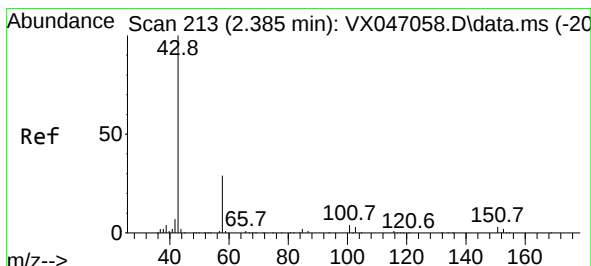
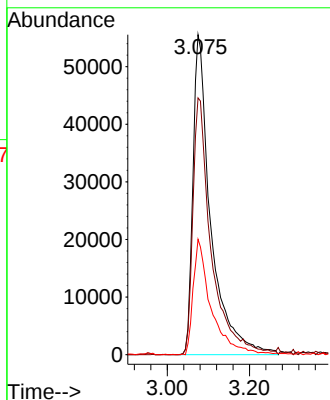
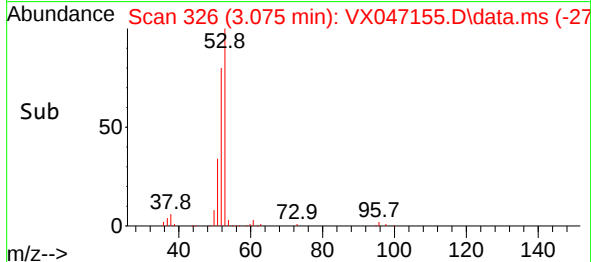
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



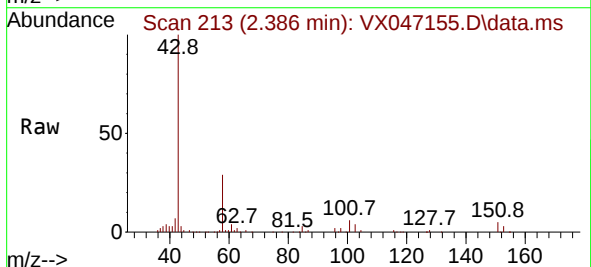
Tgt Ion: 53 Resp: 167430
Ion Ratio Lower Upper
53 100
52 82.2 65.7 98.5
51 36.0 28.8 43.2

Manual Integrations
APPROVED

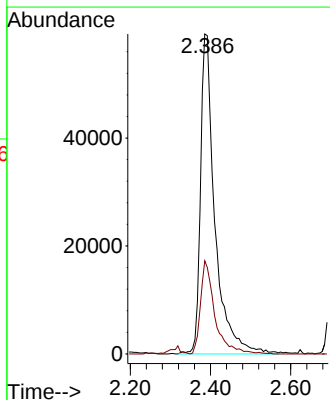
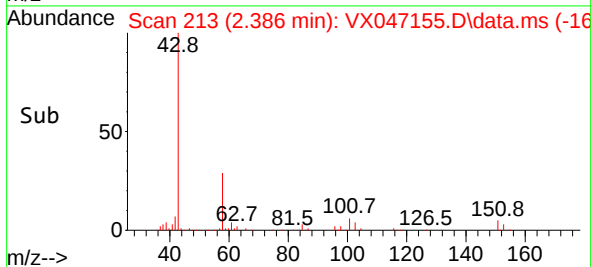
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

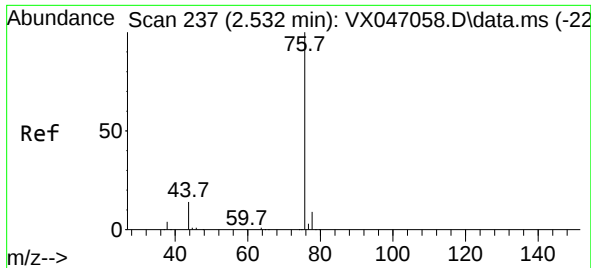


#16
Acetone
Concen: 94.218 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



Tgt Ion: 43 Resp: 147339
Ion Ratio Lower Upper
43 100
58 29.1 24.0 36.0





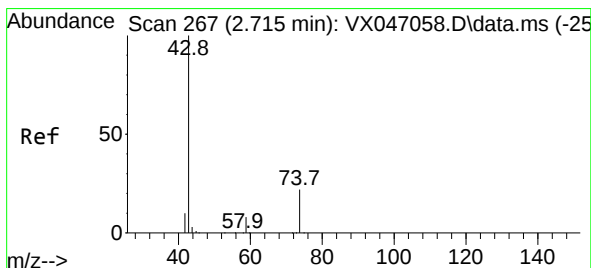
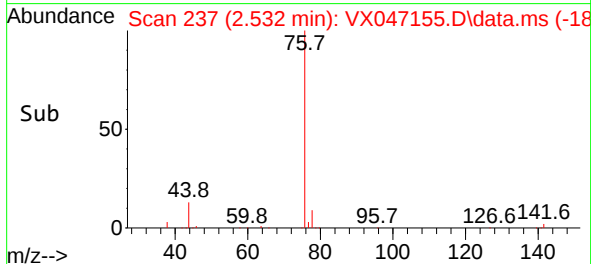
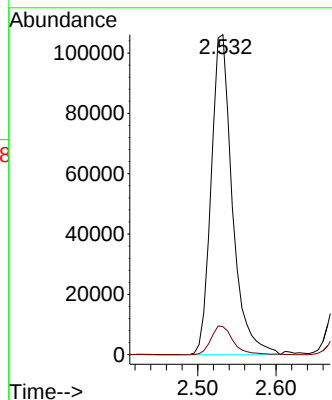
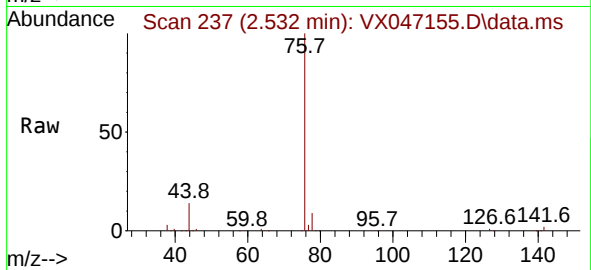
#17
Carbon Disulfide
Concen: 17.492 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion: 76 Resp: 19929
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

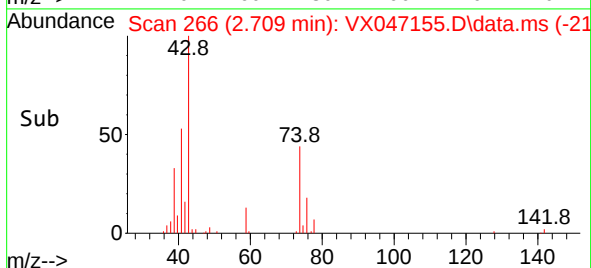
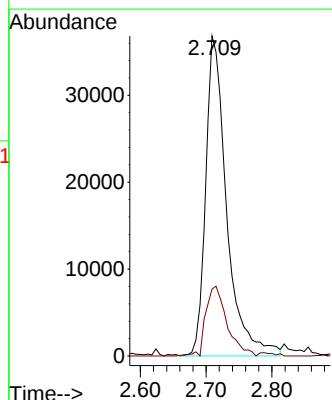
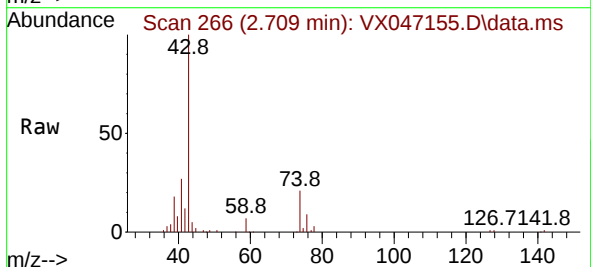
Manual Integrations
APPROVED

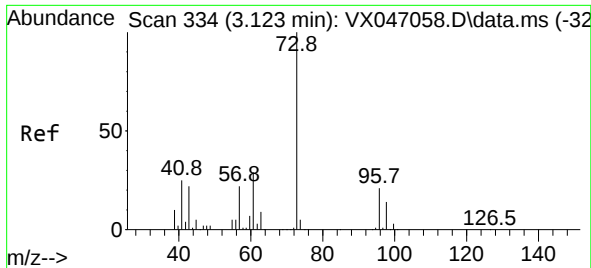
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#18
Methyl Acetate
Concen: 19.675 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 43 Resp: 81763
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5





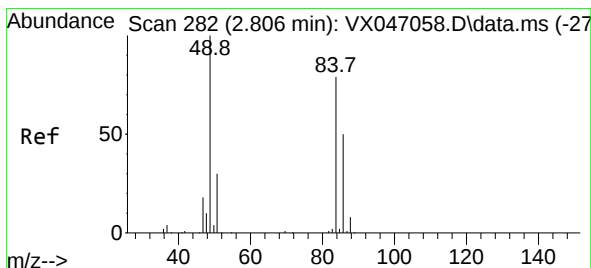
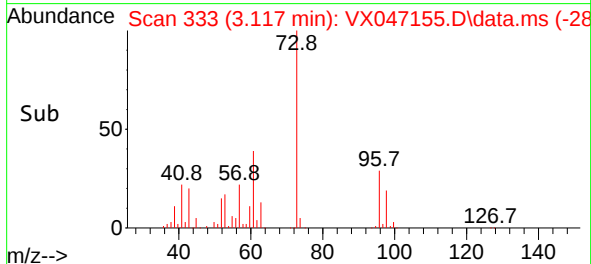
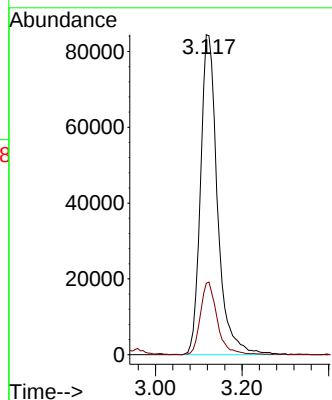
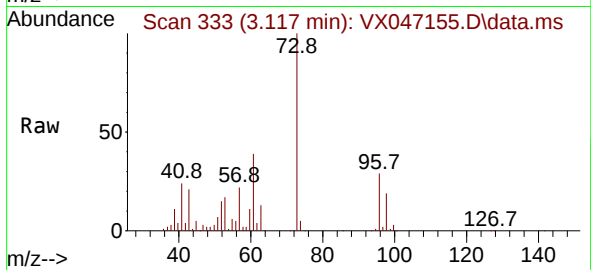
#19
Methyl tert-butyl Ether
Concen: 19.168 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion: 73 Resp: 22973
Ion Ratio Lower Upper
73 100
57 22.3 17.7 26.5

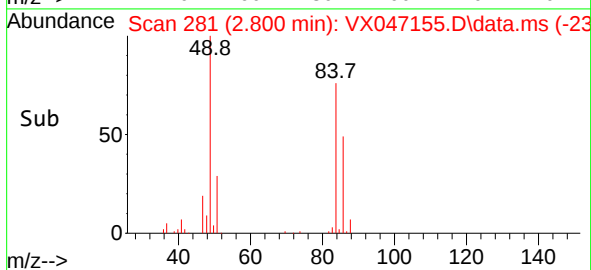
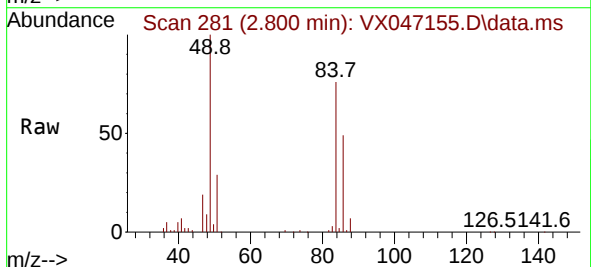
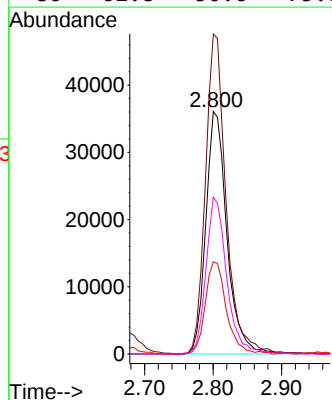
Manual Integrations
APPROVED

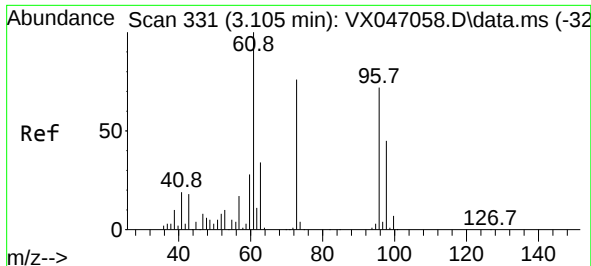
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#20
Methylene Chloride
Concen: 17.951 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

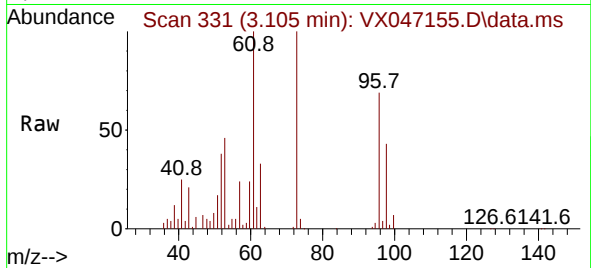
Tgt Ion: 84 Resp: 77228
Ion Ratio Lower Upper
84 100
49 128.2 101.6 152.4
51 36.9 30.3 45.5
86 62.8 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 18.267 ug/l
RT: 3.105 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

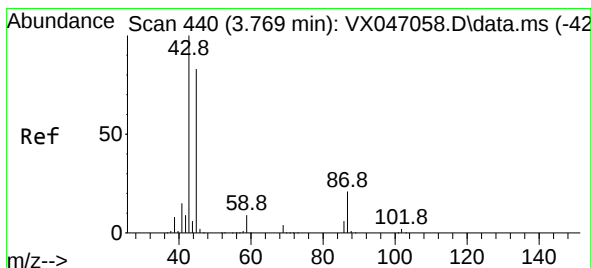
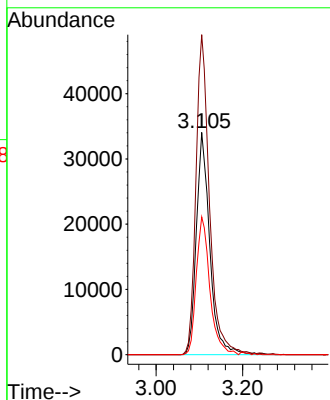
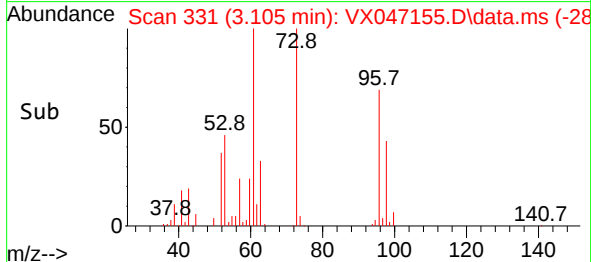
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



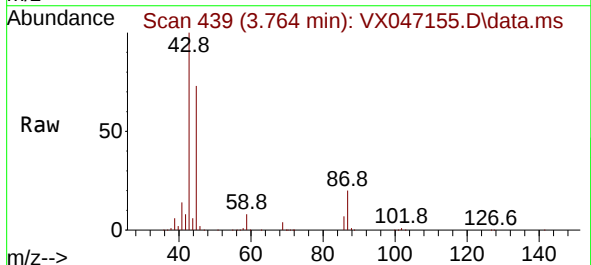
Tgt Ion: 96 Resp: 73614
Ion Ratio Lower Upper
96 100
61 144.0 111.1 166.7
98 64.2 49.6 74.4

Manual Integrations
APPROVED

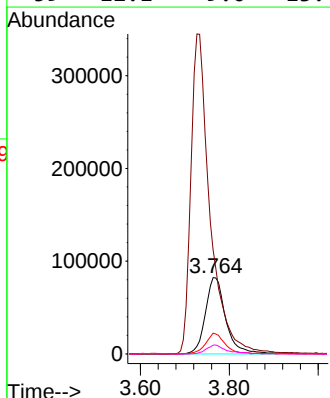
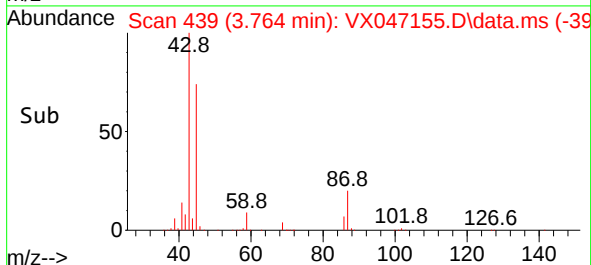
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

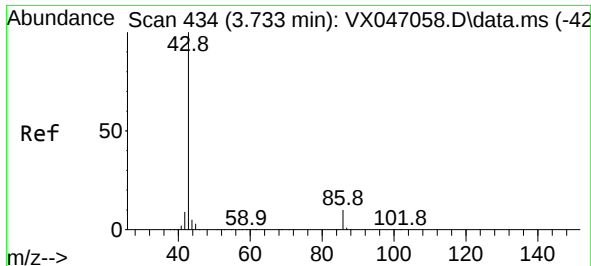


#22
Diisopropyl ether
Concen: 19.070 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



Tgt Ion: 45 Resp: 261012
Ion Ratio Lower Upper
45 100
43 135.3 96.8 145.2
87 27.3 20.5 30.7
59 12.1 9.0 13.4





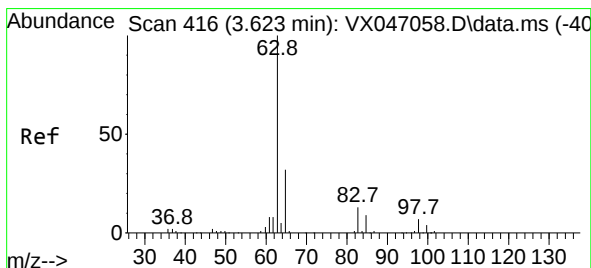
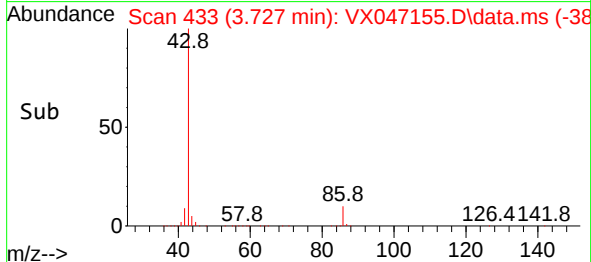
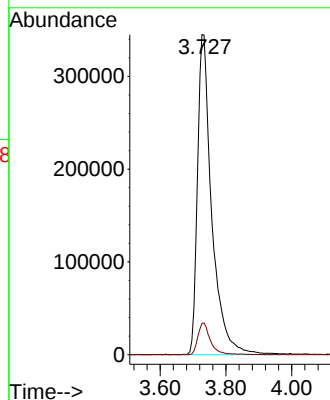
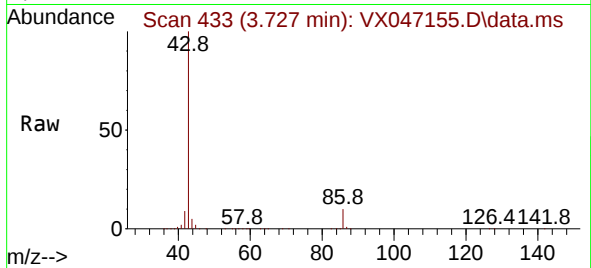
#23
 Vinyl Acetate
 Concen: 94.729 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX047155.D
 Acq: 28 Jul 2025 10:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS01

Tgt Ion: 43 Resp: 103990
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.1 12.1

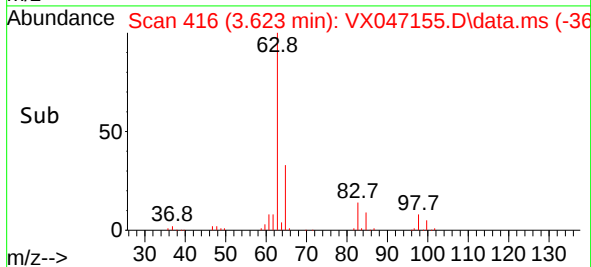
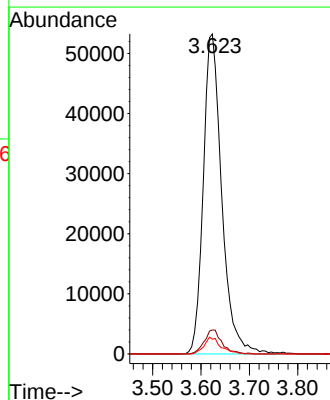
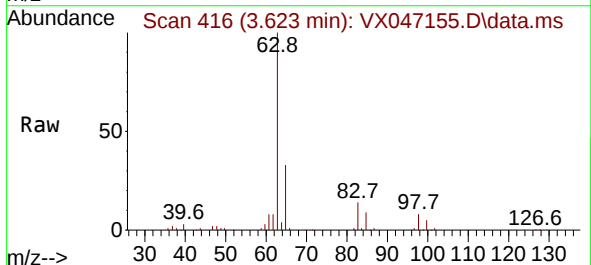
Manual Integrations
 APPROVED

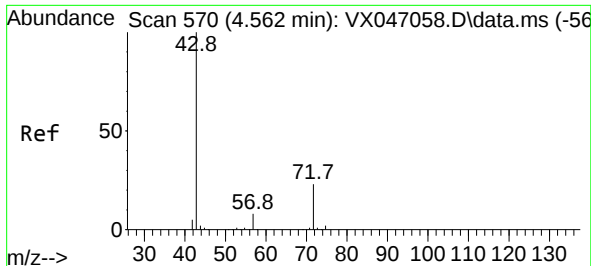
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025



#24
 1,1-Dichloroethane
 Concen: 18.607 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX047155.D
 Acq: 28 Jul 2025 10:45

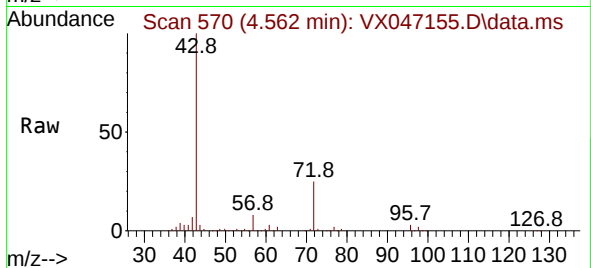
Tgt Ion: 63 Resp: 141618
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 92.405 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

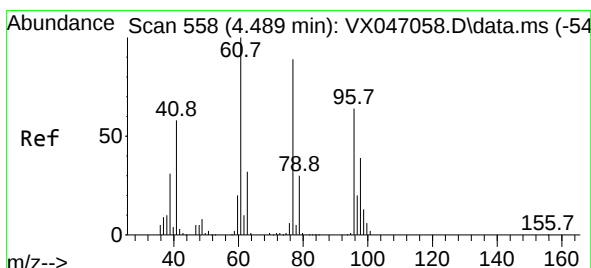
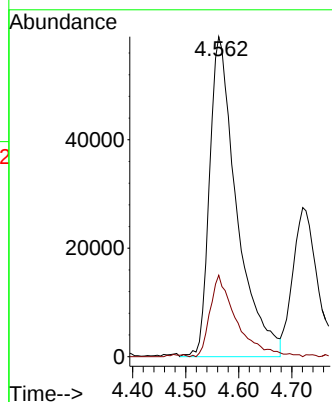
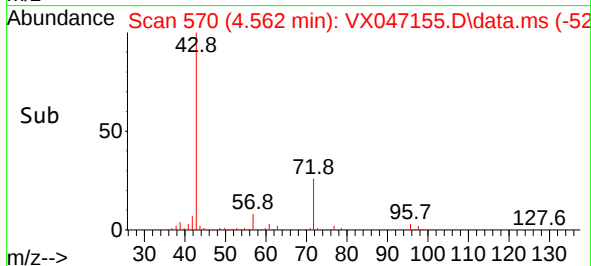
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 43 Resp: 210409
Ion Ratio Lower Upper
43 100
72 23.7 18.8 28.2

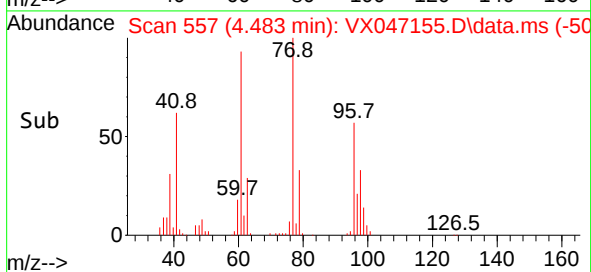
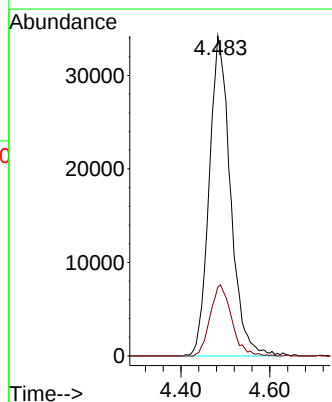
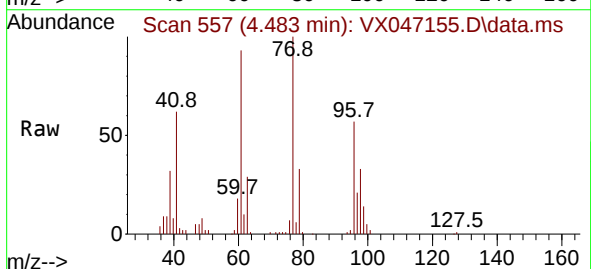
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#26
2,2-Dichloropropane
Concen: 19.324 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

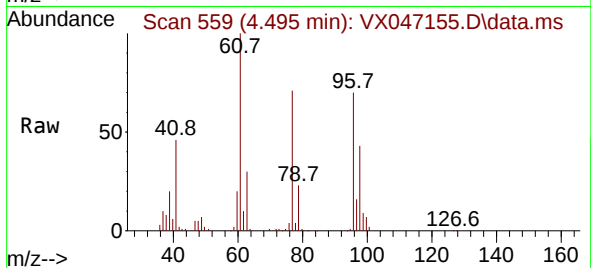
Tgt Ion: 77 Resp: 113846
Ion Ratio Lower Upper
77 100
97 22.4 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 18.456 ug/l
RT: 4.495 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

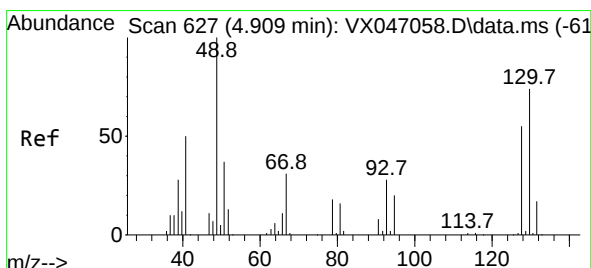
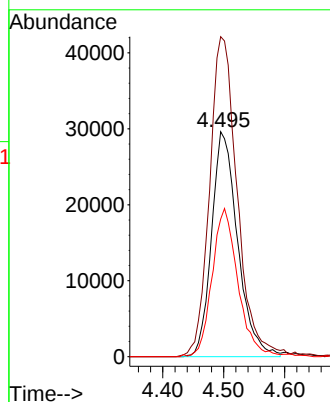
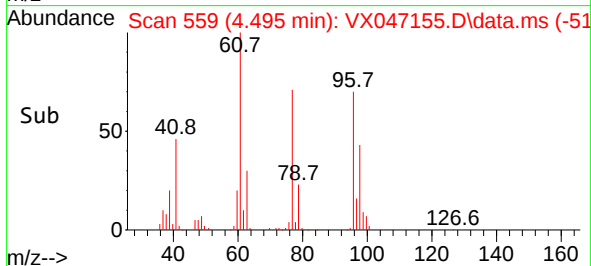
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 96 Resp: 88078
Ion Ratio Lower Upper
96 100
61 150.8 0.0 298.6
98 65.1 0.0 128.8

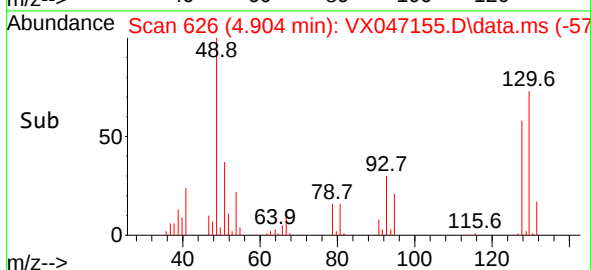
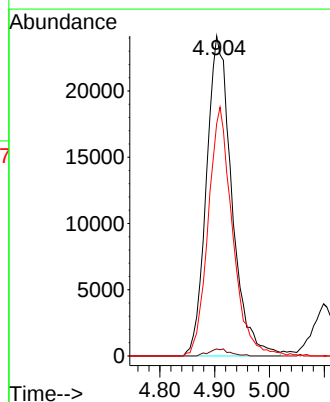
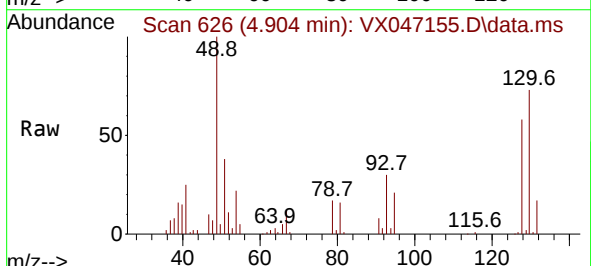
Manual Integrations
APPROVED

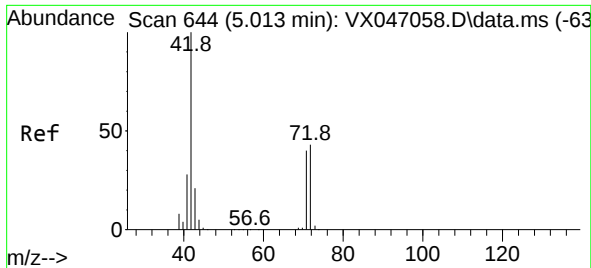
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#28
Bromochloromethane
Concen: 22.131 ug/l
RT: 4.904 min Scan# 626
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

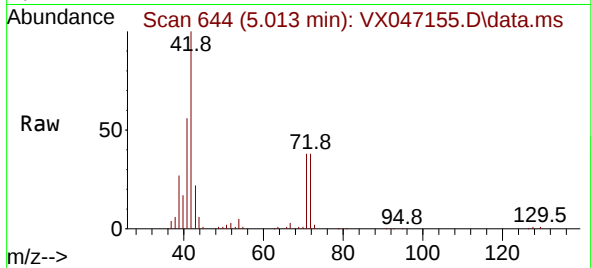
Tgt Ion: 49 Resp: 77491
Ion Ratio Lower Upper
49 100
129 1.8 0.0 3.8
130 74.6 59.0 88.4





#29
Tetrahydrofuran
Concen: 86.743 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

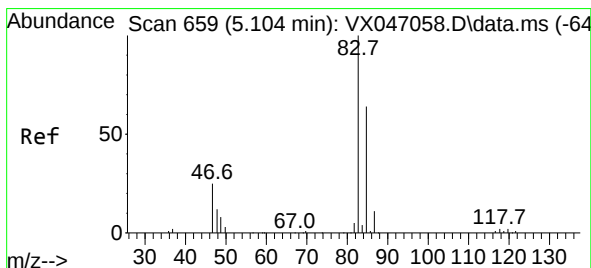
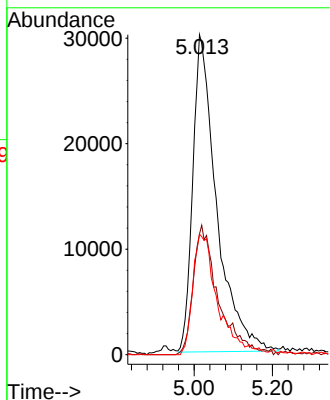
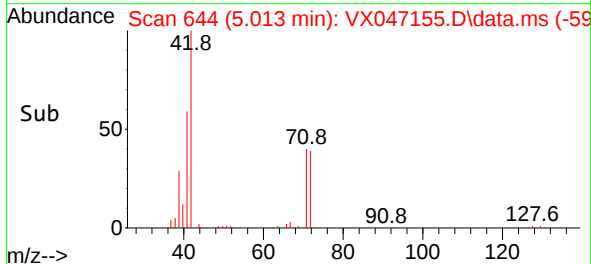
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 42 Resp: 127440
Ion Ratio Lower Upper
42 100
72 43.1 33.7 50.5
71 39.7 31.0 46.4

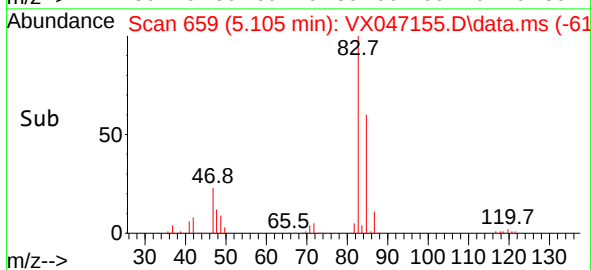
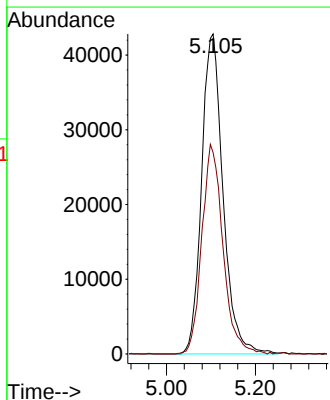
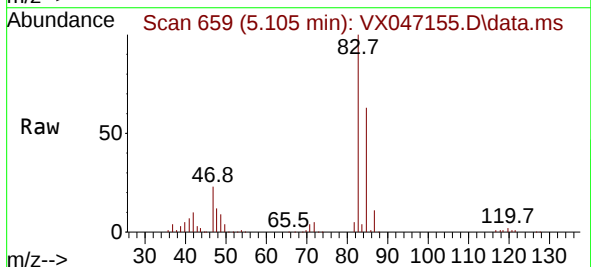
Manual Integrations
APPROVED

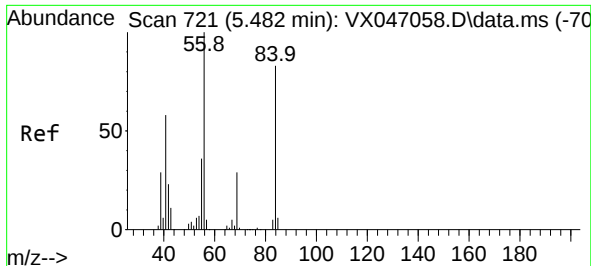
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#30
Chloroform
Concen: 18.527 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

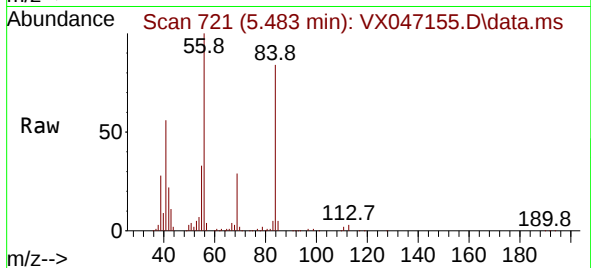
Tgt Ion: 83 Resp: 143538
Ion Ratio Lower Upper
83 100
85 60.4 50.9 76.3





#31
Cyclohexane
Concen: 18.399 ug/l
RT: 5.483 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

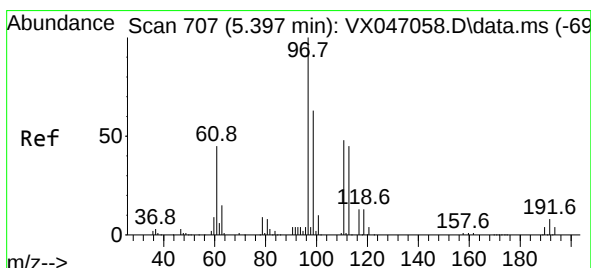
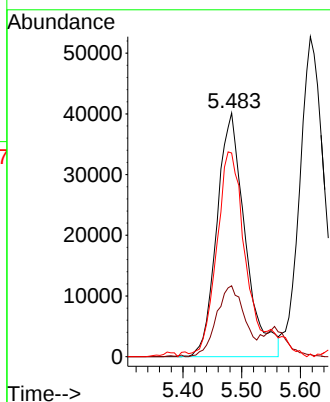
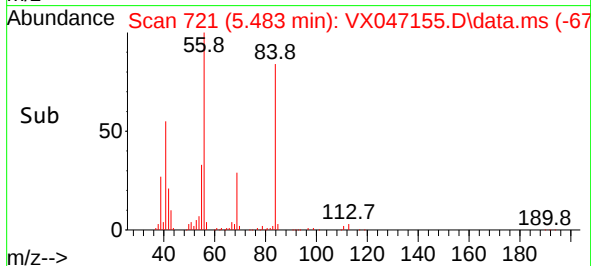
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 56 Resp: 134270
Ion Ratio Lower Upper
56 100
69 28.7 23.3 34.9
84 83.6 66.5 99.7

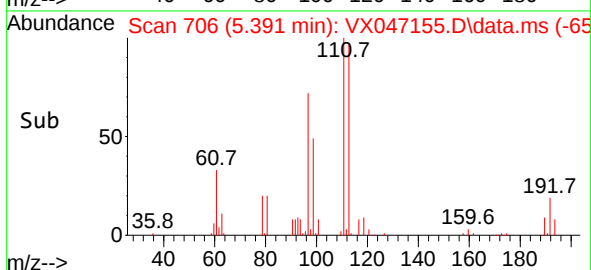
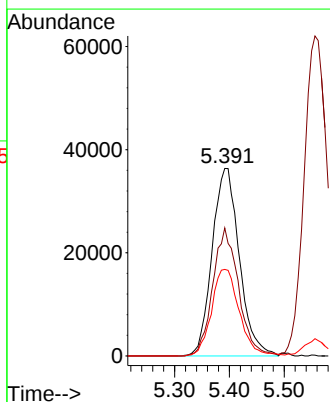
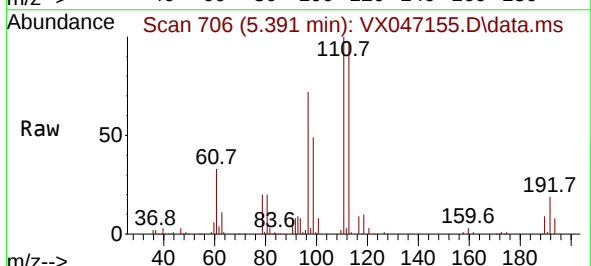
Manual Integrations
APPROVED

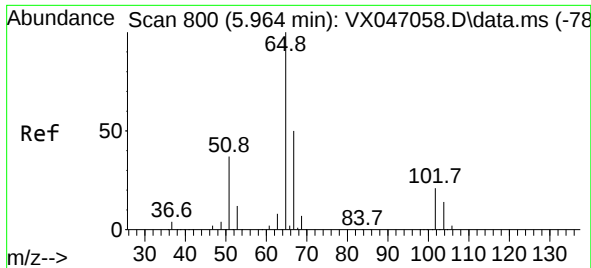
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#32
1,1,1-Trichloroethane
Concen: 18.628 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 97 Resp: 125352
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 47.0 37.1 55.7





#33

1,2-Dichloroethane-d4

Concen: 45.591 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion: 65 Resp: 177972

Ion Ratio Lower Upper

65 100

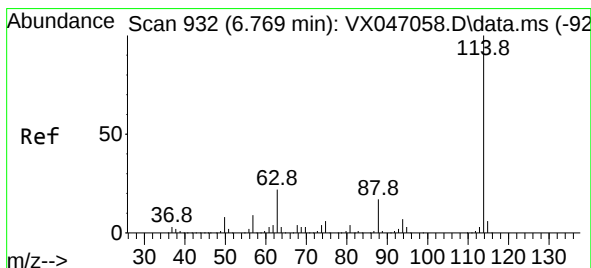
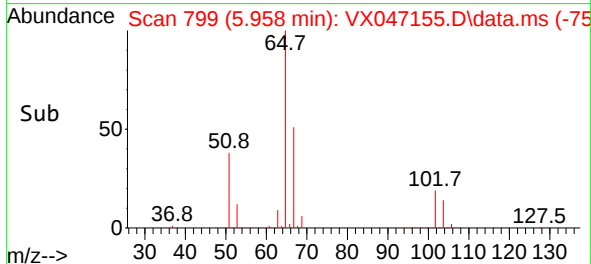
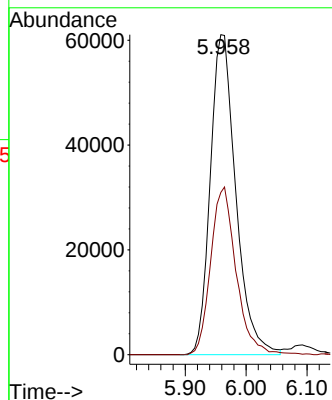
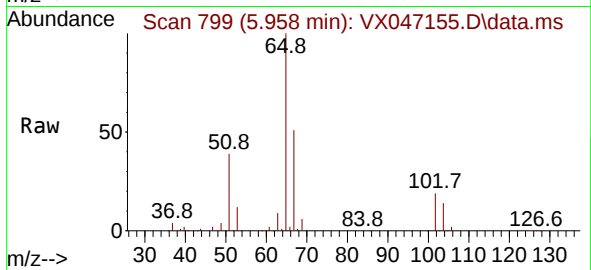
67 52.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

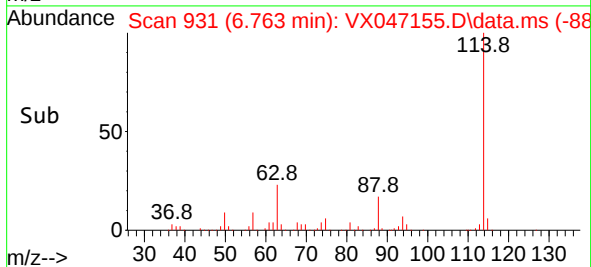
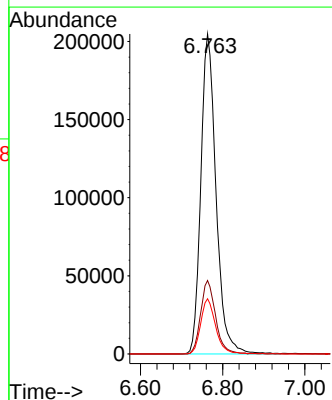
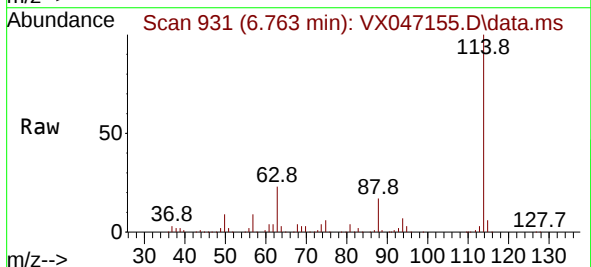
Tgt Ion:114 Resp: 525191

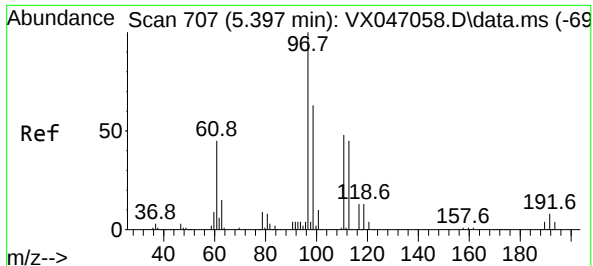
Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.2

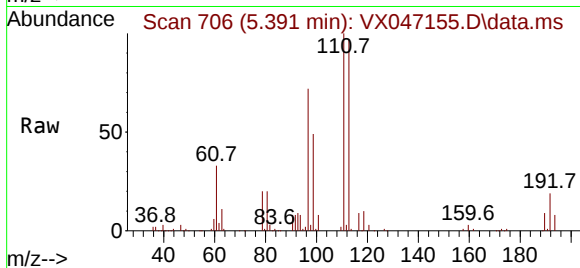
88 17.2 0.0 33.8





#35
Dibromofluoromethane
Concen: 47.781 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

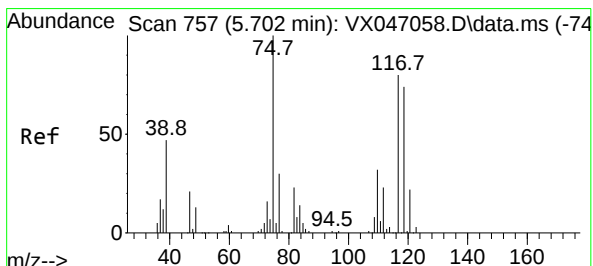
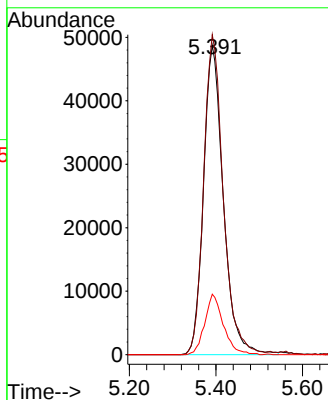
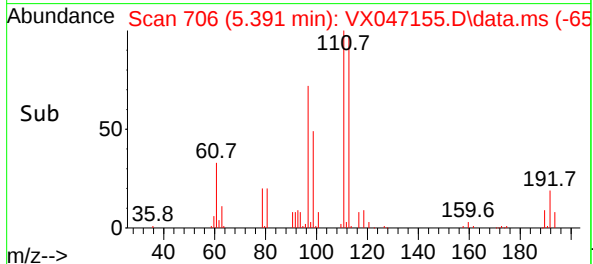
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 113 Resp: 15494
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 18.4 14.9 22.3

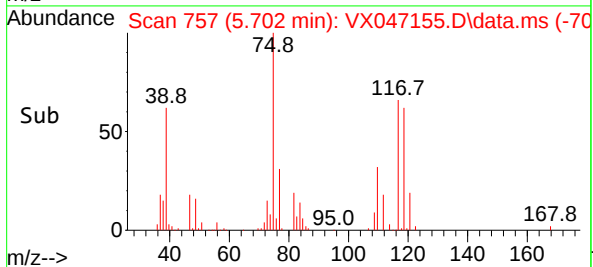
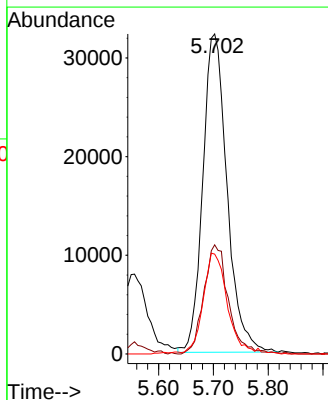
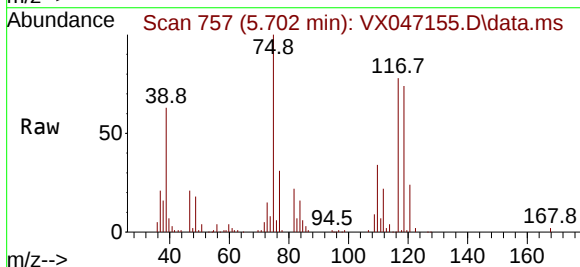
Manual Integrations
APPROVED

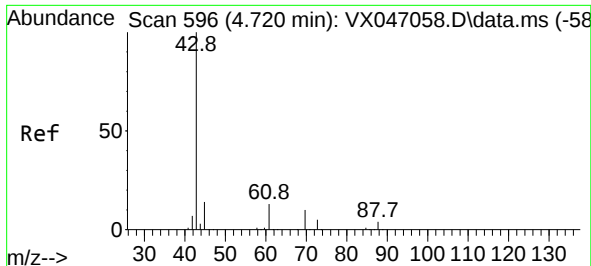
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#36
1,1-Dichloropropene
Concen: 17.941 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 75 Resp: 99171
Ion Ratio Lower Upper
75 100
110 34.8 17.2 51.5
77 32.2 25.1 37.7





#37

Ethyl Acetate

Concen: 17.816 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion: 43 Resp: 90744

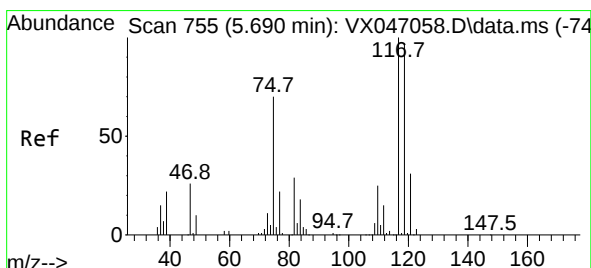
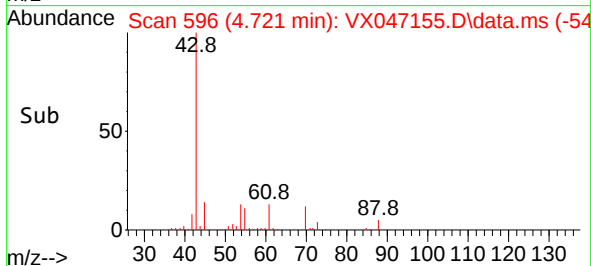
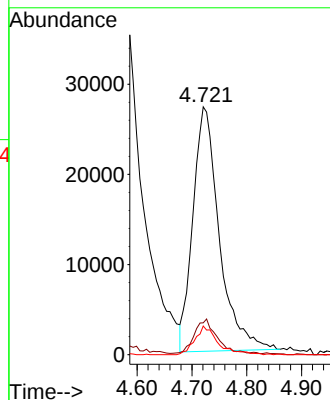
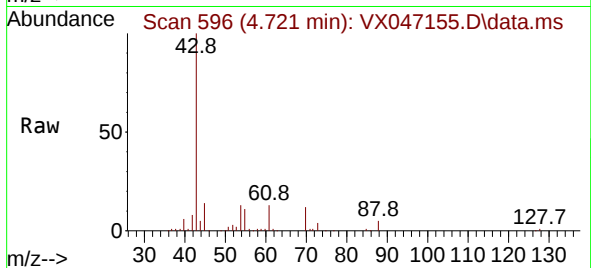
Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.2	15.2
70	10.2	8.1	12.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#38

Carbon Tetrachloride

Concen: 18.933 ug/l

RT: 5.684 min Scan# 754

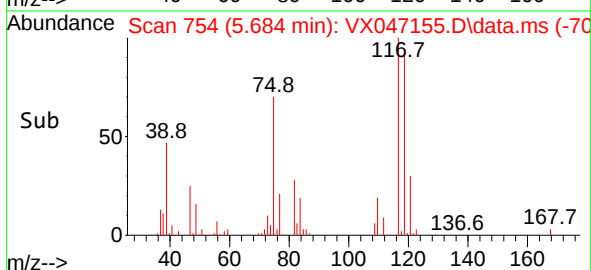
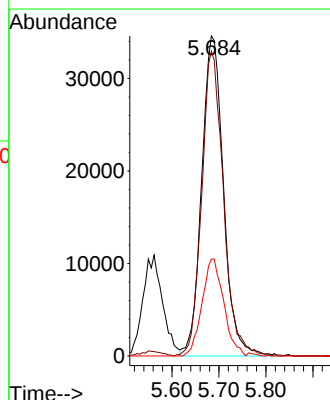
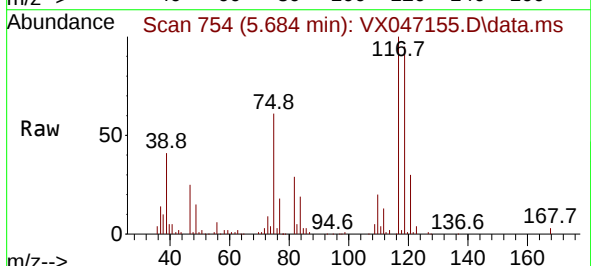
Delta R.T. -0.006 min

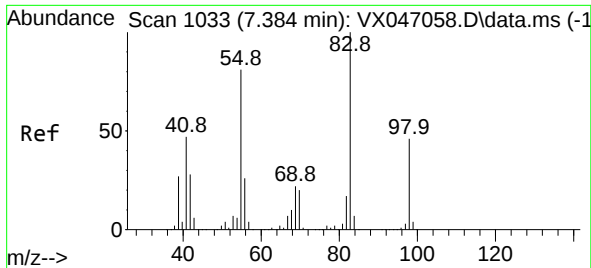
Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Tgt Ion:117 Resp: 111694

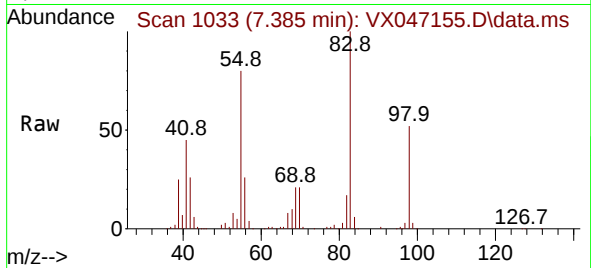
Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.6	115.0
121	30.3	24.4	36.6





#39
Methylcyclohexane
Concen: 18.552 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

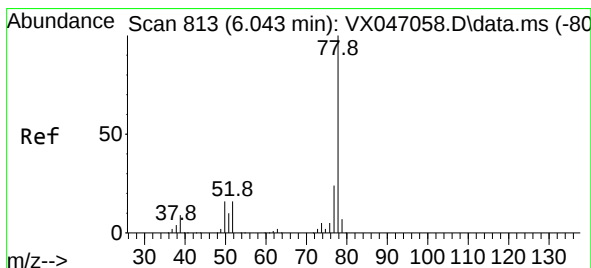
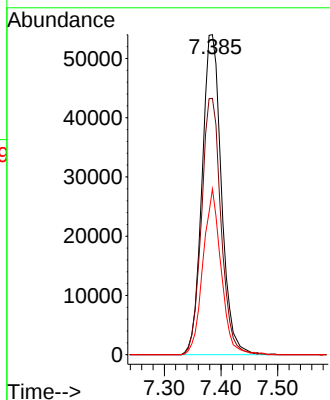
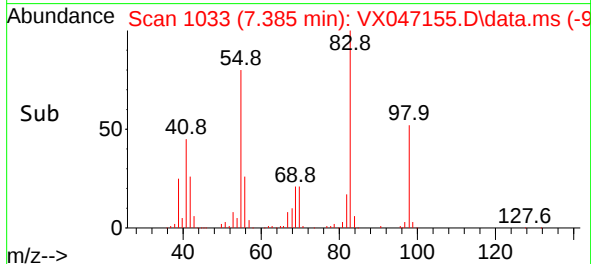
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 83 Resp: 12803
Ion Ratio Lower Upper
83 100
55 80.1 64.5 96.7
98 51.8 36.9 55.3

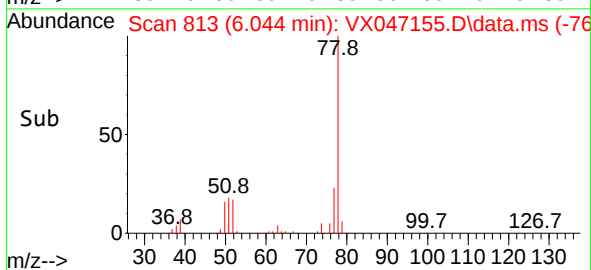
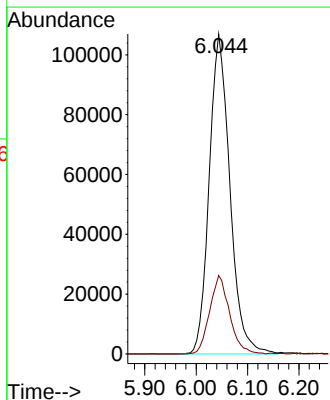
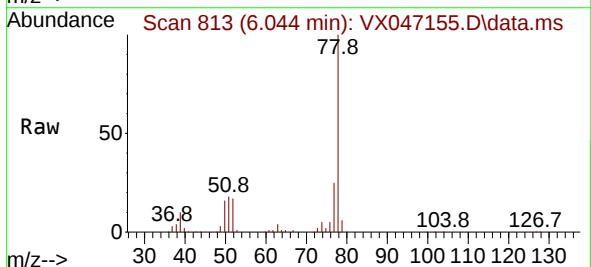
Manual Integrations
APPROVED

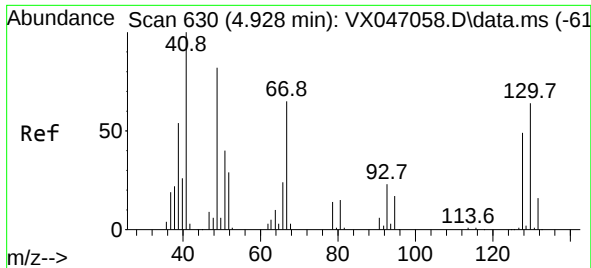
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#40
Benzene
Concen: 18.674 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 78 Resp: 298722
Ion Ratio Lower Upper
78 100
77 24.5 19.0 28.4





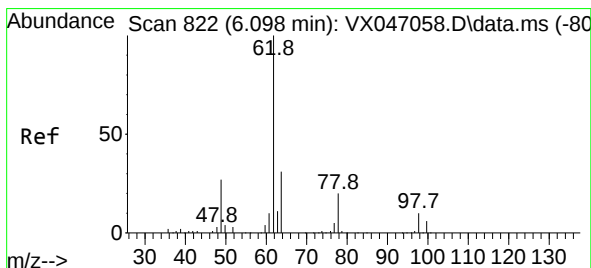
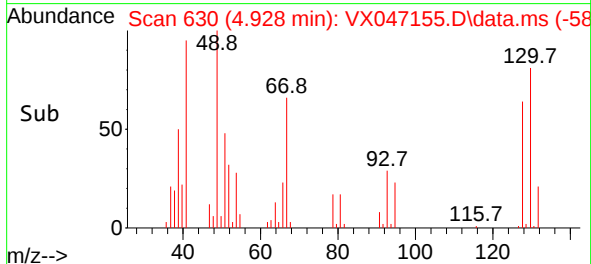
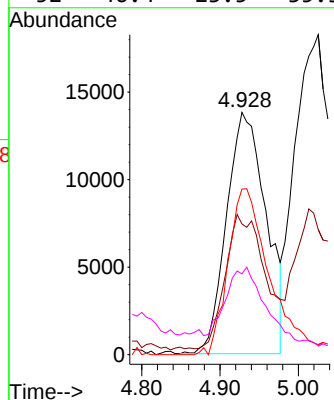
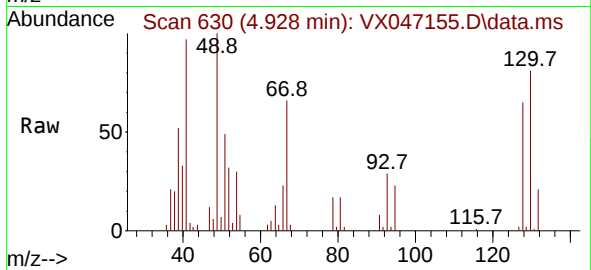
#41
Methacrylonitrile
Concen: 18.170 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion: 41 Resp: 48390
Ion Ratio Lower Upper
41 100
39 55.0 44.2 66.2
67 73.3 56.4 84.6
52 46.4 23.5 35.3#

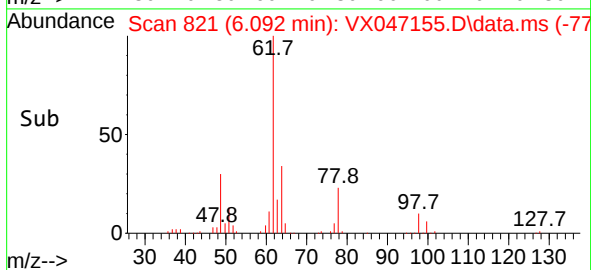
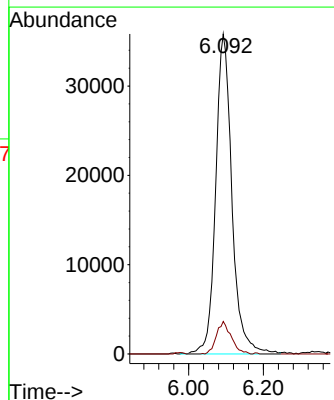
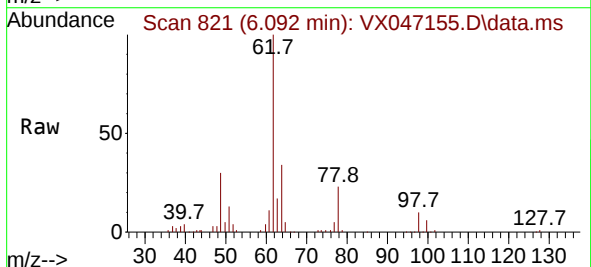
Manual Integrations
APPROVED

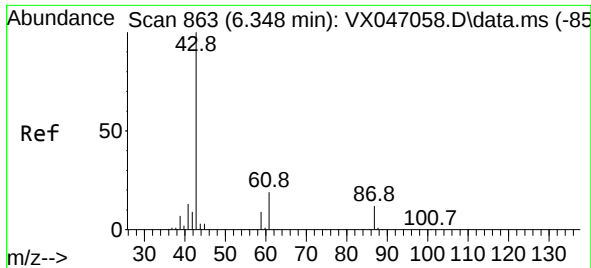
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#42
1,2-Dichloroethane
Concen: 19.183 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

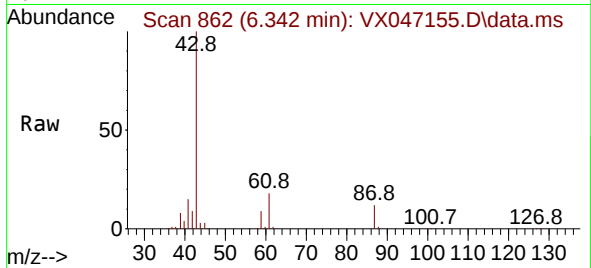
Tgt Ion: 62 Resp: 108096
Ion Ratio Lower Upper
62 100
98 9.2 0.0 18.8





#43
Isopropyl Acetate
Concen: 18.866 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

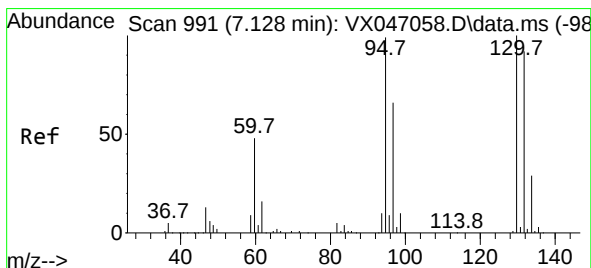
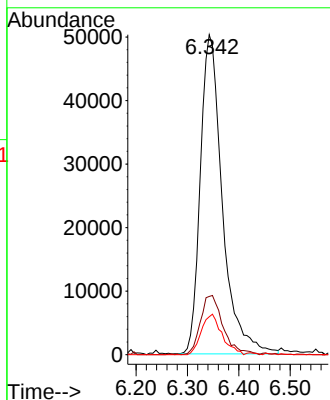
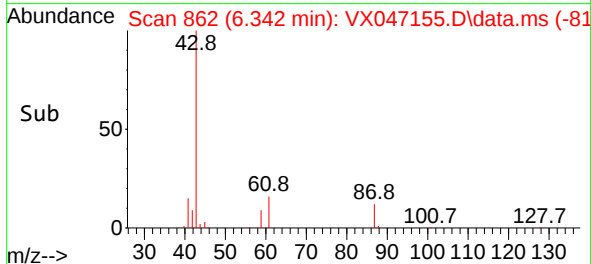
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 43 Resp: 149800
Ion Ratio Lower Upper
43 100
61 19.0 15.1 22.7
87 11.8 9.7 14.5

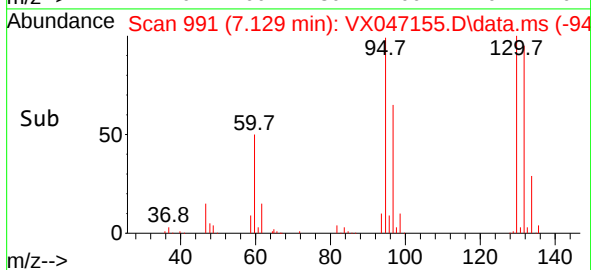
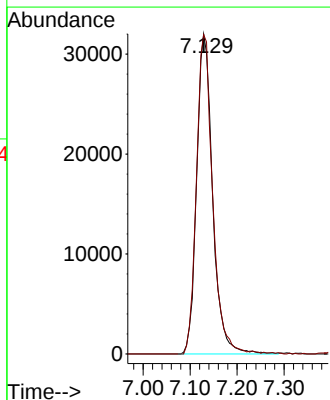
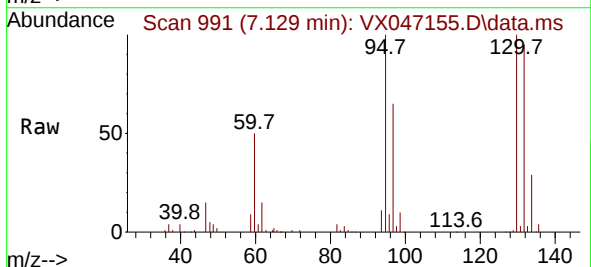
Manual Integrations
APPROVED

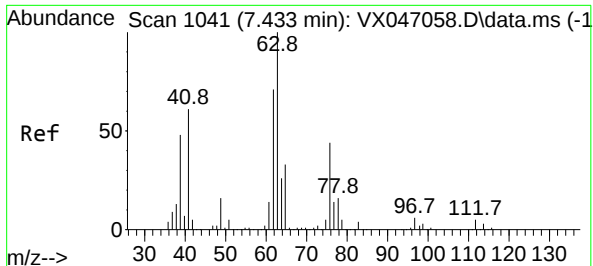
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#44
Trichloroethene
Concen: 18.466 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion:130 Resp: 75750
Ion Ratio Lower Upper
130 100
95 99.8 0.0 198.6





#45

1,2-Dichloropropane

Concen: 18.676 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion: 63 Resp: 7482

Ion Ratio Lower Upper

63 100

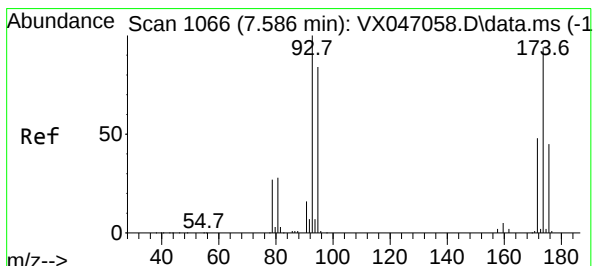
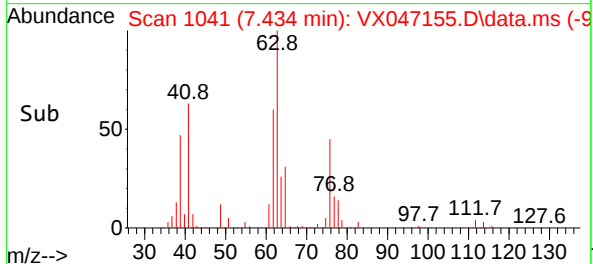
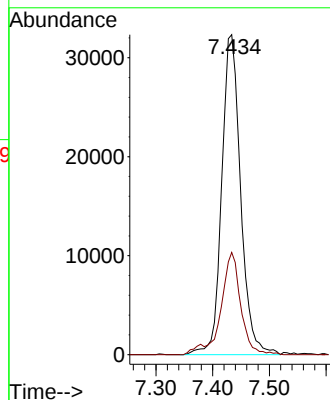
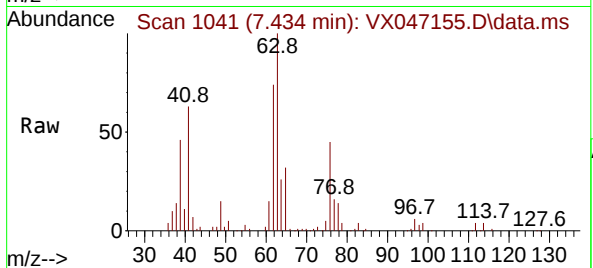
65 31.9 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#46

Dibromomethane

Concen: 19.093 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

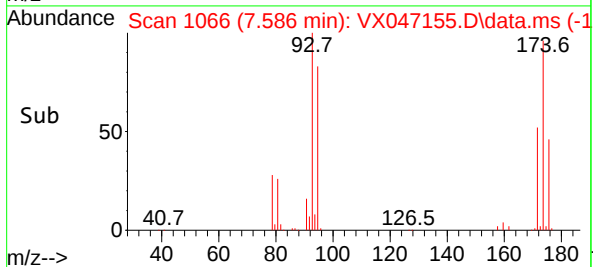
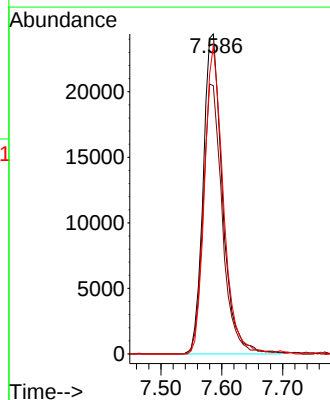
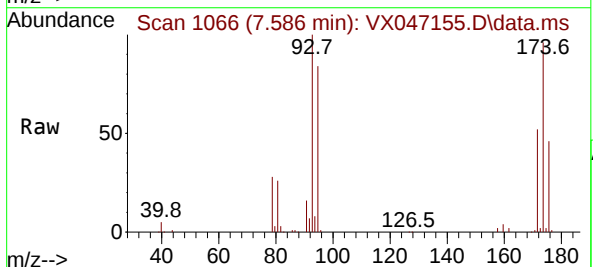
Tgt Ion: 93 Resp: 53643

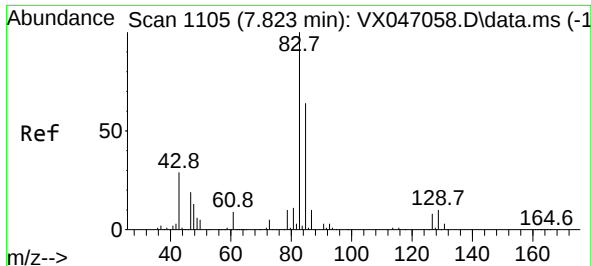
Ion Ratio Lower Upper

93 100

95 84.0 65.9 98.9

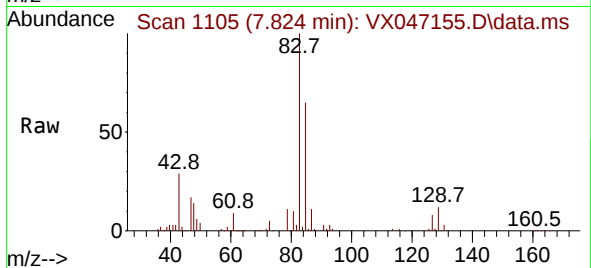
174 93.6 74.6 112.0





#47
Bromodichloromethane
Concen: 19.250 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

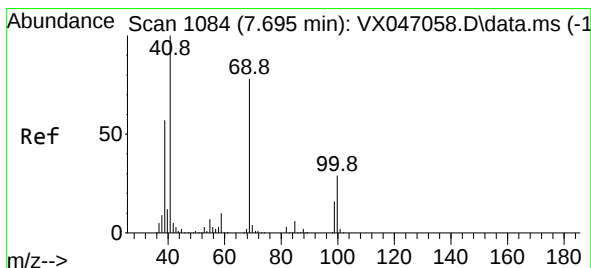
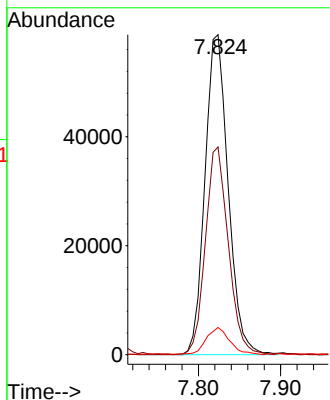
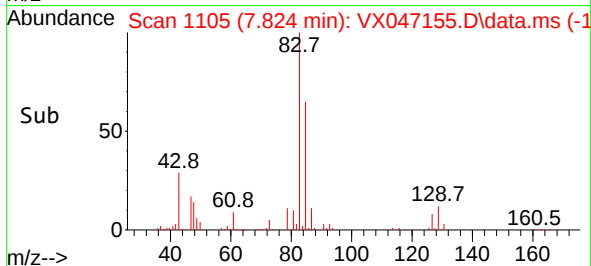
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 83 Resp: 115118
Ion Ratio Lower Upper
83 100
85 64.7 49.9 74.9
127 8.2 6.6 10.0

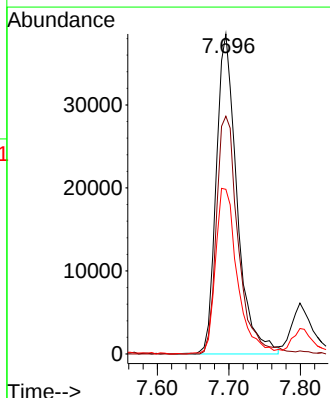
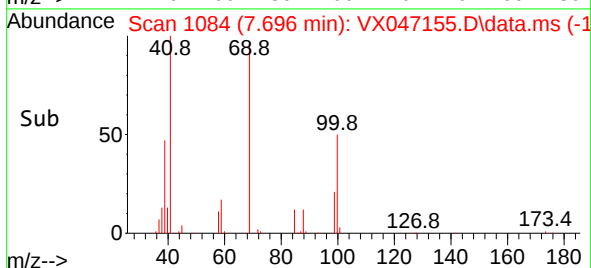
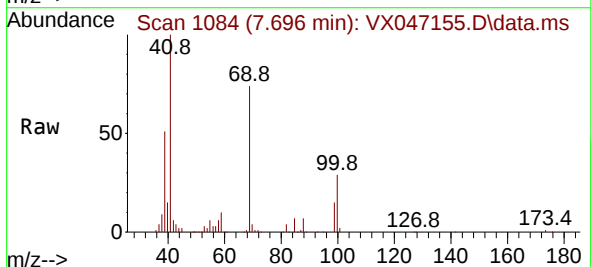
Manual Integrations
APPROVED

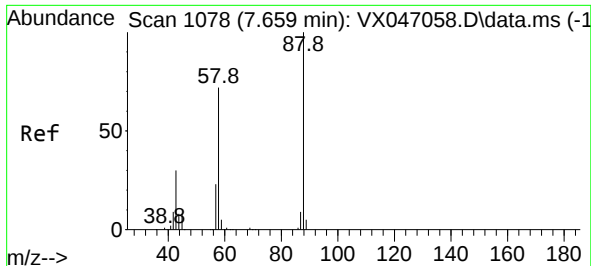
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#48
Methyl methacrylate
Concen: 17.985 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 41 Resp: 77796
Ion Ratio Lower Upper
41 100
69 77.9 62.3 93.5
39 54.8 44.8 67.2





#49

1,4-Dioxane

Concen: 388.326 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. 0.049 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

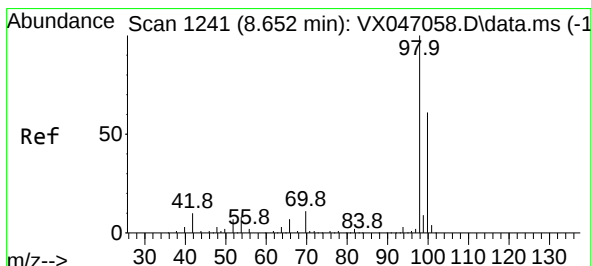
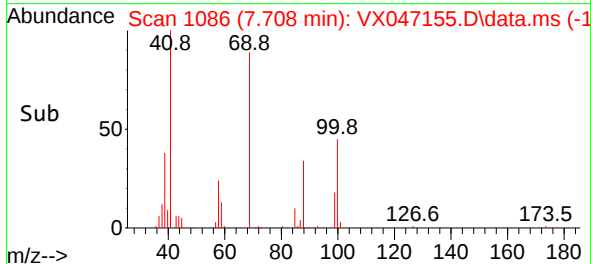
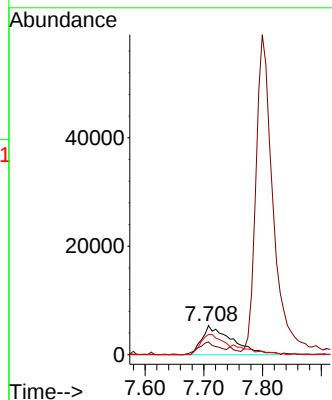
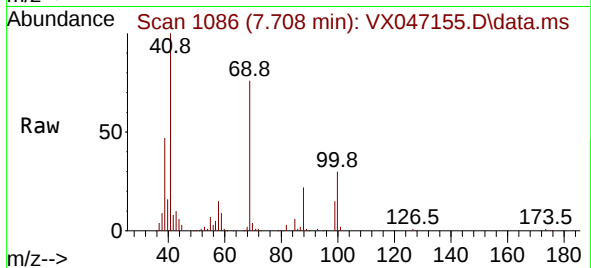
Tgt Ion:	88	Resp:	1910
Ion	Ratio	Lower	Upper
88	100		
43	29.0	33.6	50.4
58	73.3	58.8	88.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#50

Toluene-d8

Concen: 45.617 ug/l

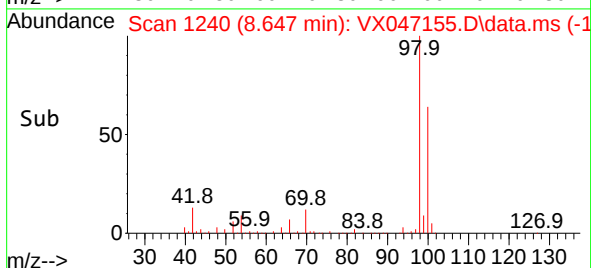
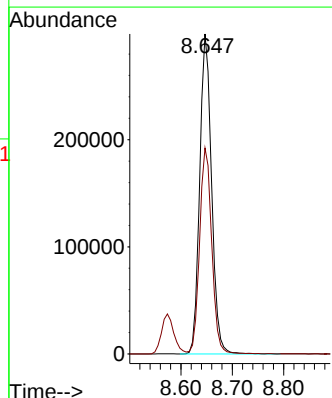
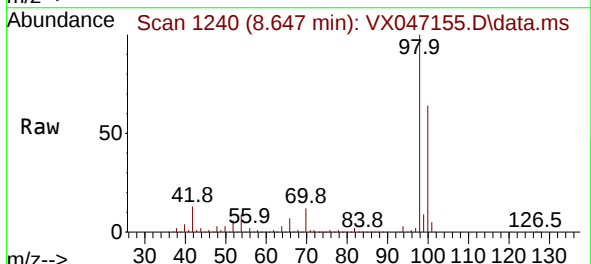
RT: 8.647 min Scan# 1240

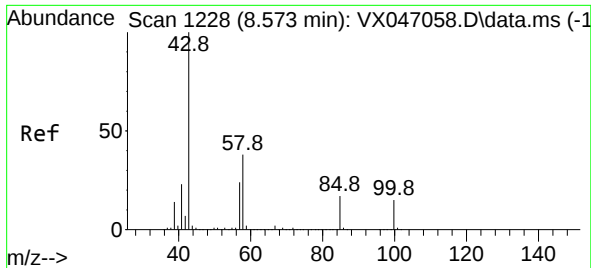
Delta R.T. -0.006 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Tgt Ion:	98	Resp:	479039
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.3	79.9





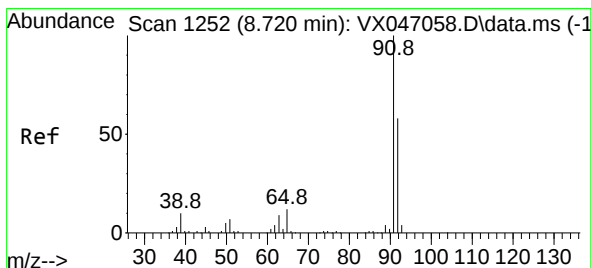
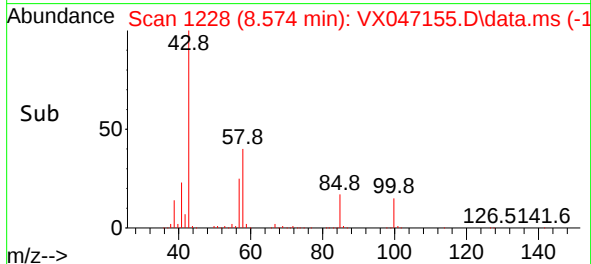
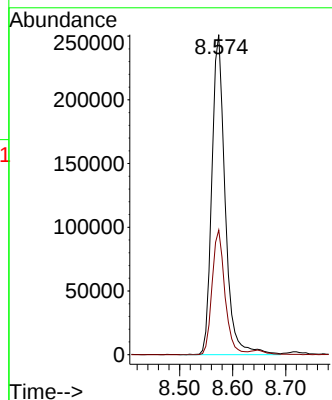
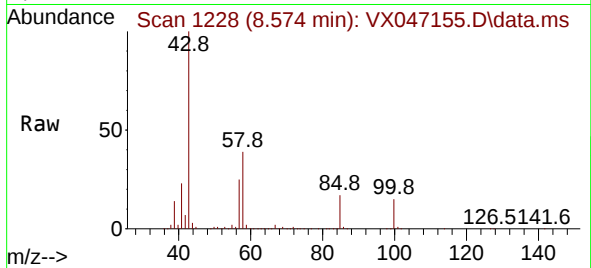
#51
4-Methyl-2-Pentanone
Concen: 92.973 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion: 43 Resp: 438798
Ion Ratio Lower Upper
43 100
58 37.6 30.6 45.8

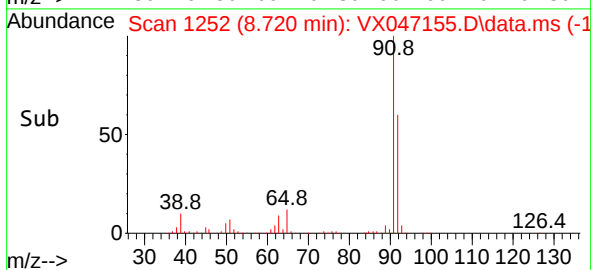
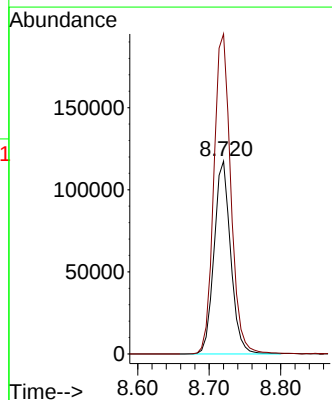
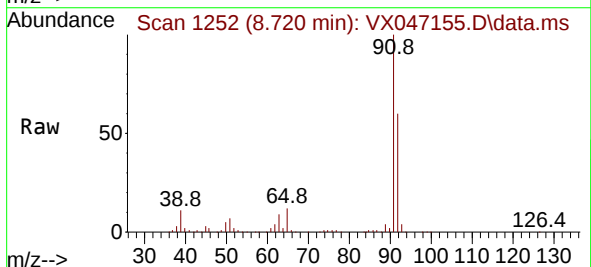
Manual Integrations
APPROVED

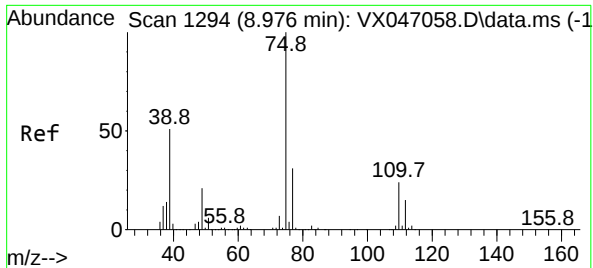
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#52
Toluene
Concen: 19.185 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

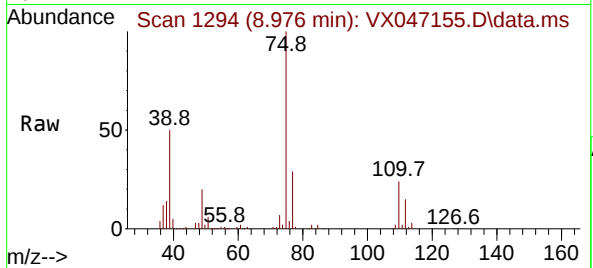
Tgt Ion: 92 Resp: 188706
Ion Ratio Lower Upper
92 100
91 170.3 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 19.124 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

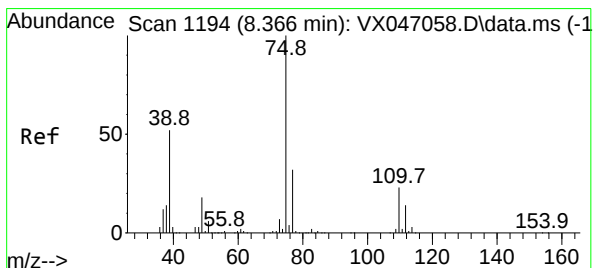
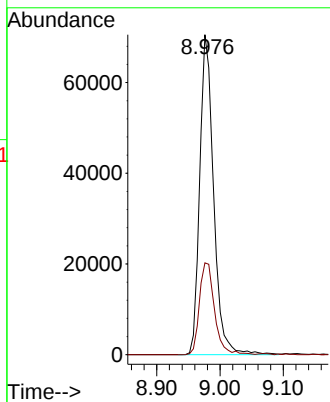
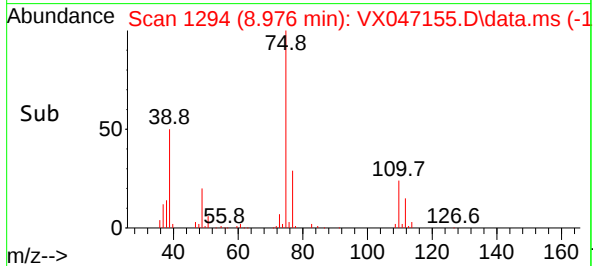
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



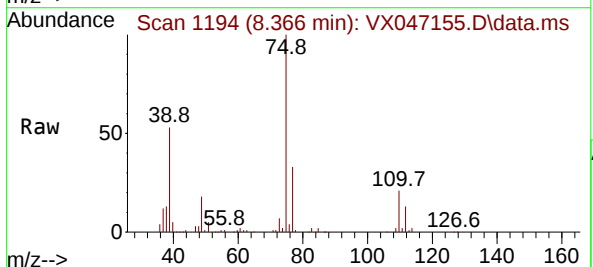
Tgt Ion: 75 Resp: 107997
Ion Ratio Lower Upper
75 100
77 28.7 24.5 36.7

Manual Integrations
APPROVED

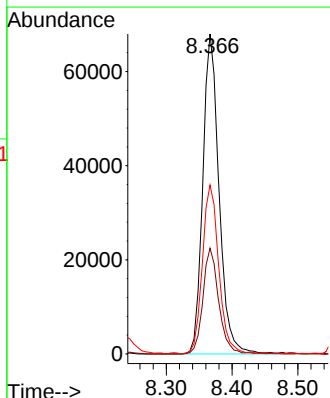
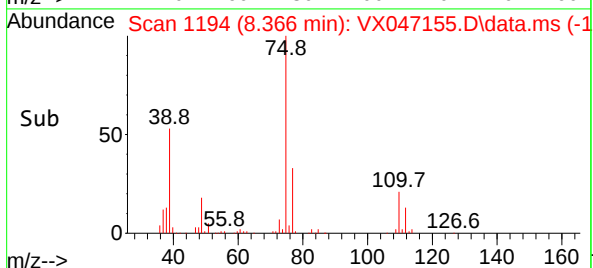
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

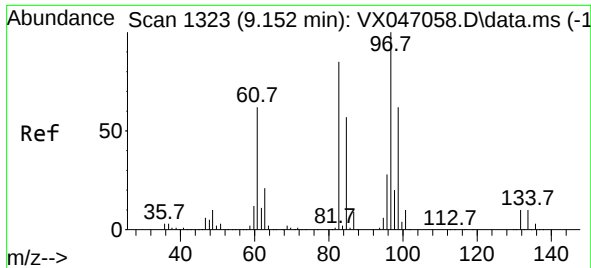


#54
cis-1,3-Dichloropropene
Concen: 18.905 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



Tgt Ion: 75 Resp: 116846
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 52.5 41.8 62.6





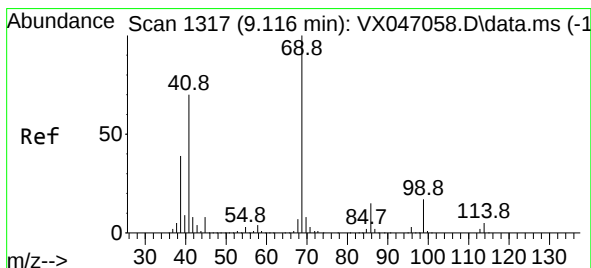
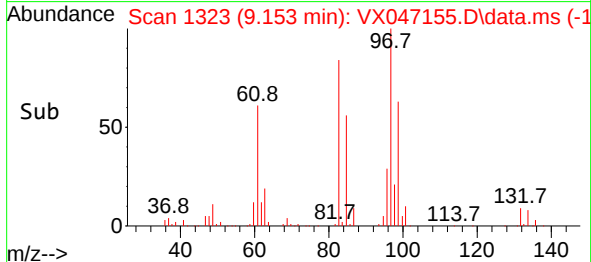
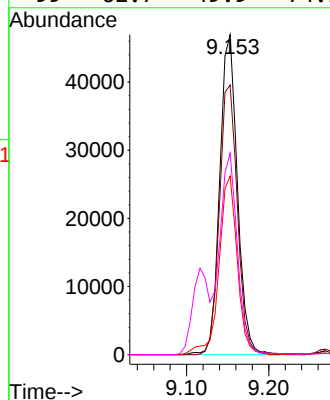
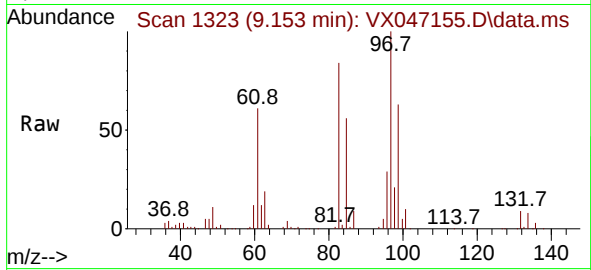
#55
1,1,2-Trichloroethane
Concen: 19.007 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	68.0	102.0
85	55.9	45.2	67.8
99	62.7	49.9	74.9

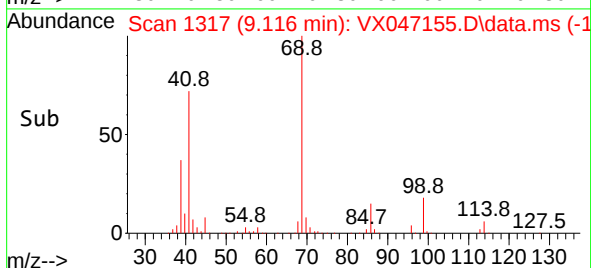
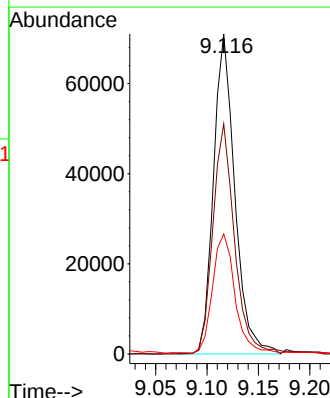
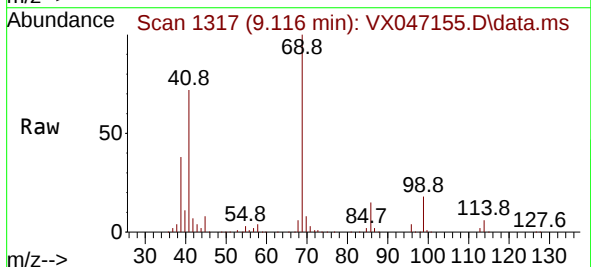
Manual Integrations
APPROVED

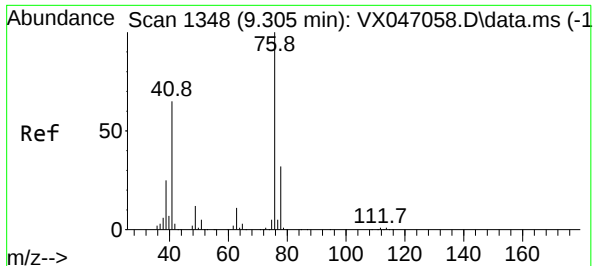
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#56
Ethyl methacrylate
Concen: 18.715 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.4	56.1	84.1
39	41.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 18.672 ug/l

RT: 9.305 min Scan# 1170

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion: 76 Resp: 11970

Ion Ratio Lower Upper

76 100

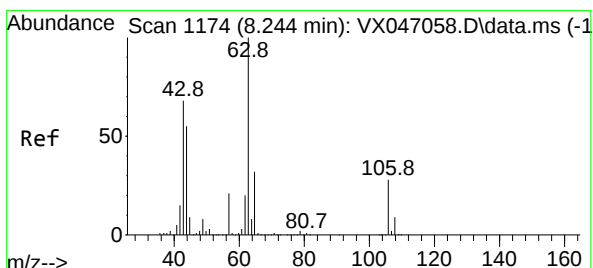
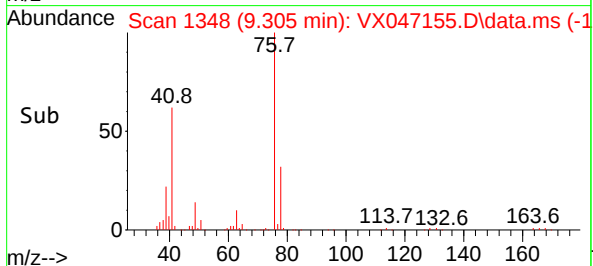
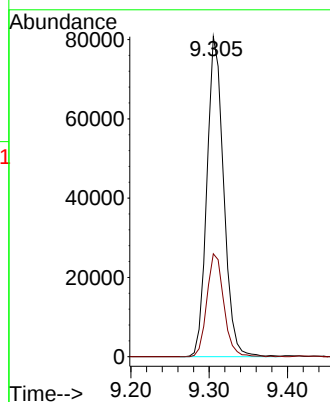
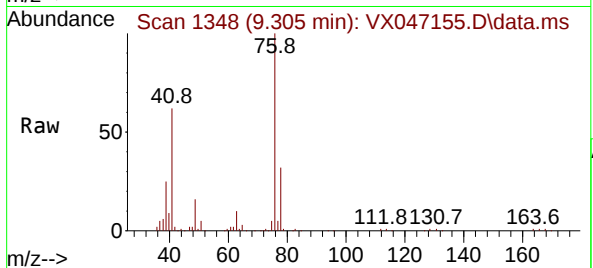
78 32.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#58

2-Chloroethyl Vinyl ether

Concen: 83.687 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX047155.D

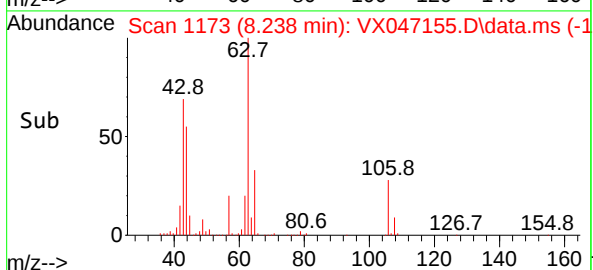
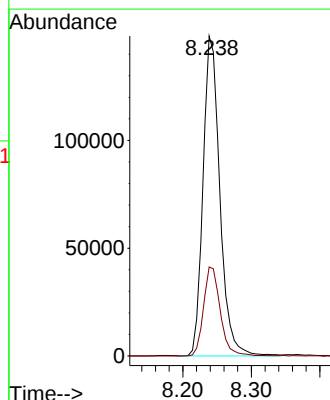
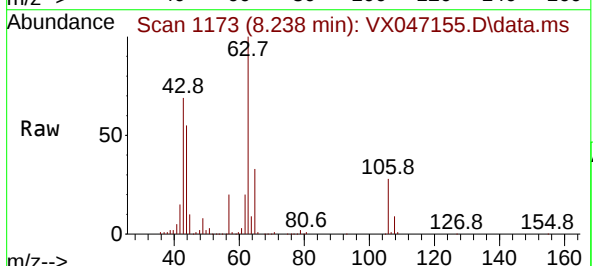
Acq: 28 Jul 2025 10:45

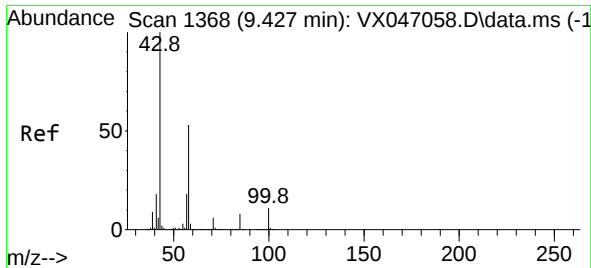
Tgt Ion: 63 Resp: 254306

Ion Ratio Lower Upper

63 100

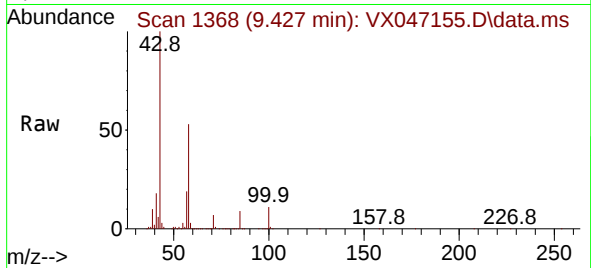
106 27.6 22.2 33.4





#59
2-Hexanone
Concen: 95.547 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

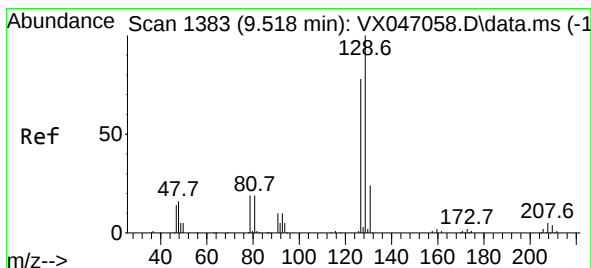
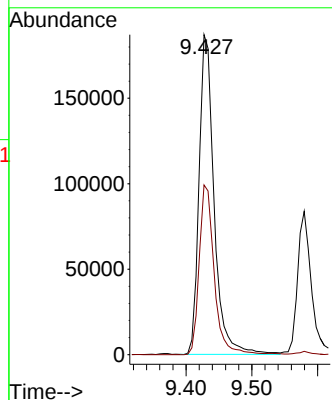
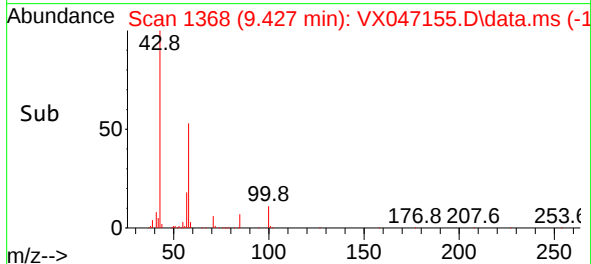
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 43 Resp: 297933
Ion Ratio Lower Upper
43 100
58 52.8 26.5 79.5

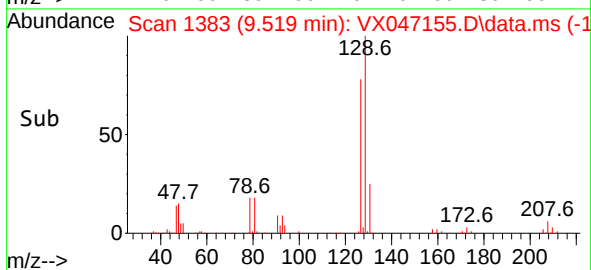
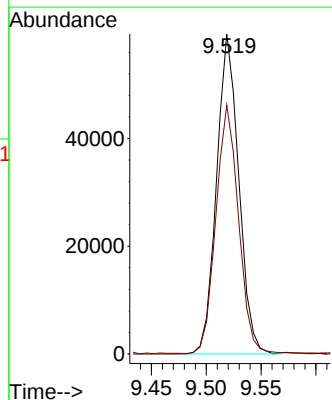
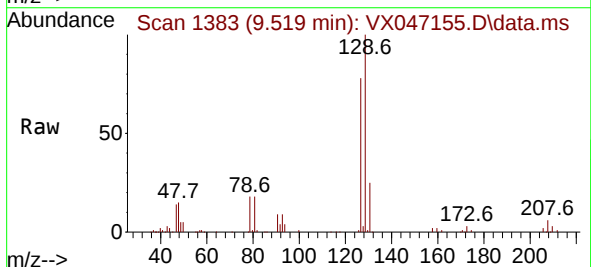
Manual Integrations
APPROVED

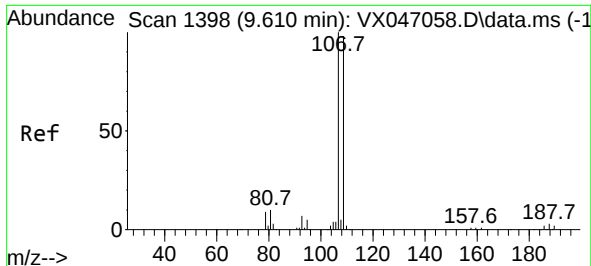
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#60
Dibromochloromethane
Concen: 19.331 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

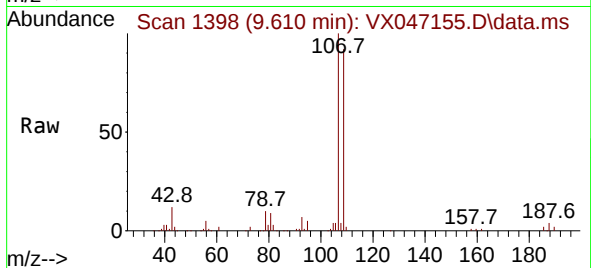
Tgt Ion:129 Resp: 83631
Ion Ratio Lower Upper
129 100
127 78.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.493 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

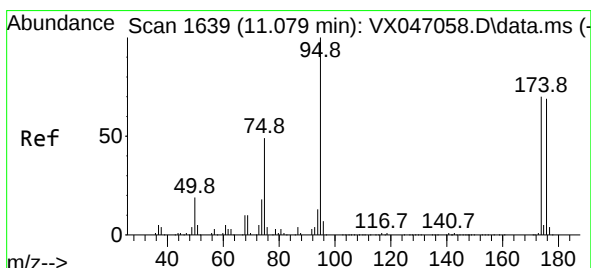
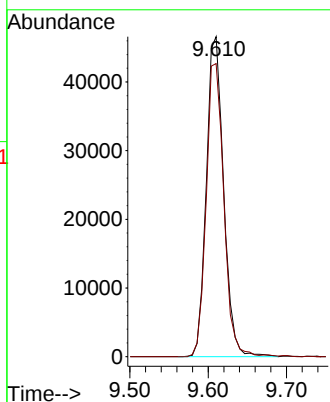
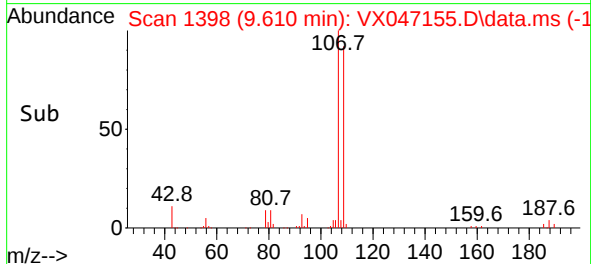
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



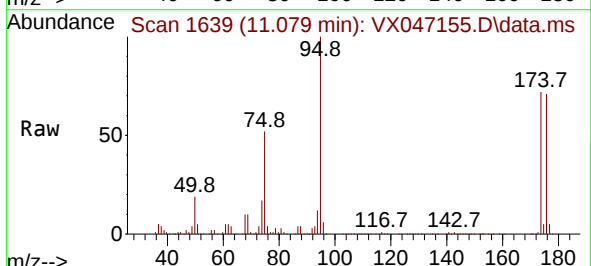
Tgt Ion:107 Resp: 71328
Ion Ratio Lower Upper
107 100
109 93.3 74.6 112.0

Manual Integrations
APPROVED

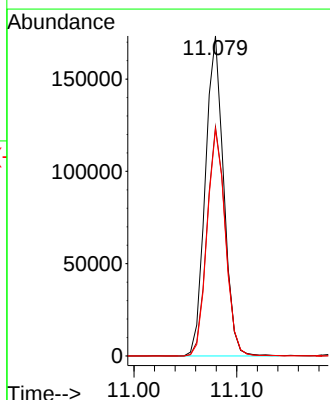
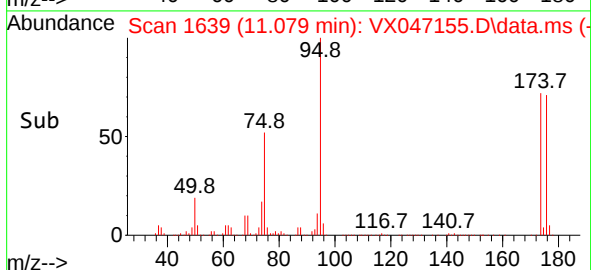
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

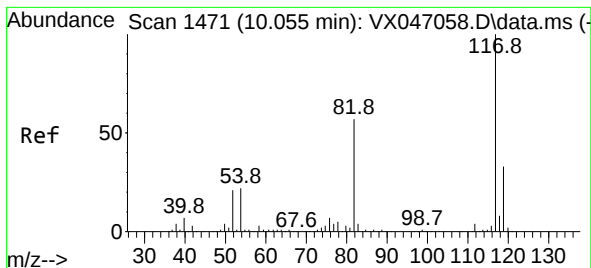


#62
4-Bromofluorobenzene
Concen: 47.412 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



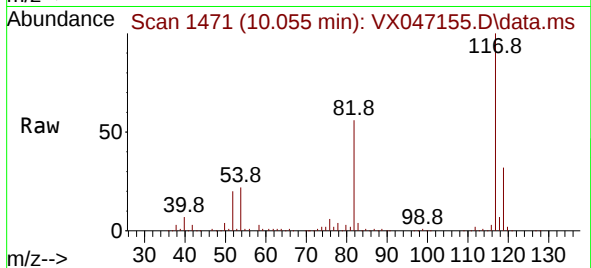
Tgt Ion: 95 Resp: 214565
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.6
176 70.4 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

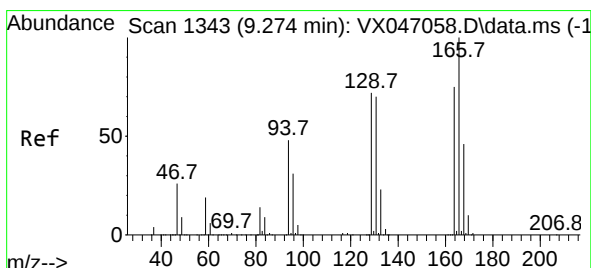
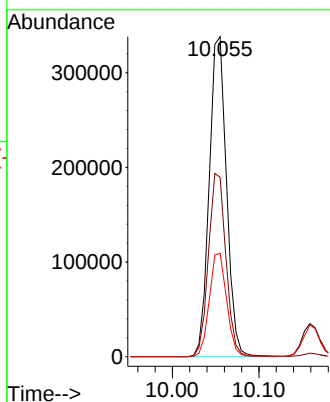
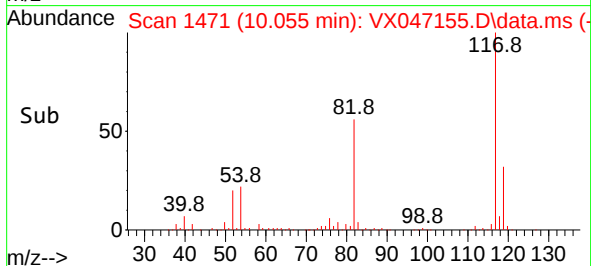
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion:117 Resp: 469750
Ion Ratio Lower Upper
117 100
82 56.1 45.4 68.2
119 32.3 26.1 39.1

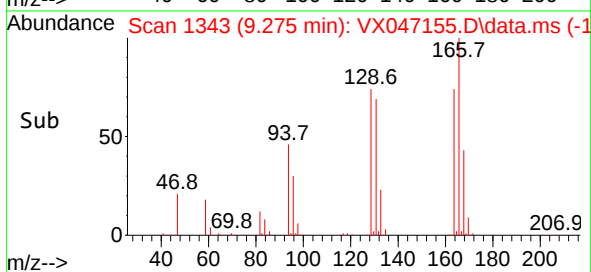
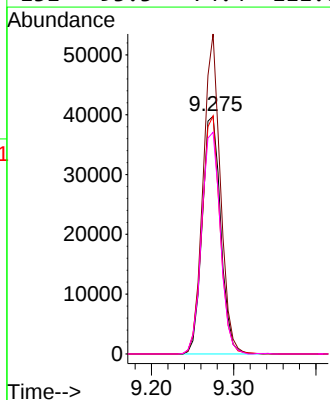
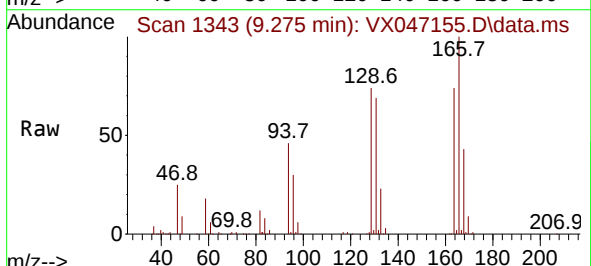
Manual Integrations
APPROVED

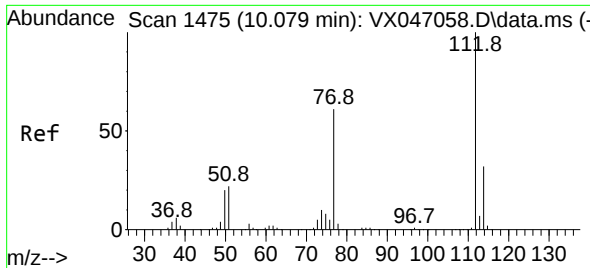
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#64
Tetrachloroethene
Concen: 18.286 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

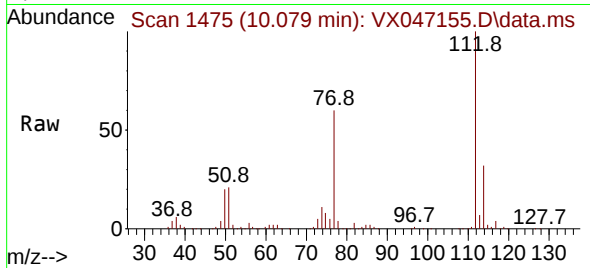
Tgt Ion:164 Resp: 61923
Ion Ratio Lower Upper
164 100
166 134.6 106.2 159.4
129 100.2 76.6 114.8
131 93.3 74.4 111.6





#65
Chlorobenzene
Concen: 18.571 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

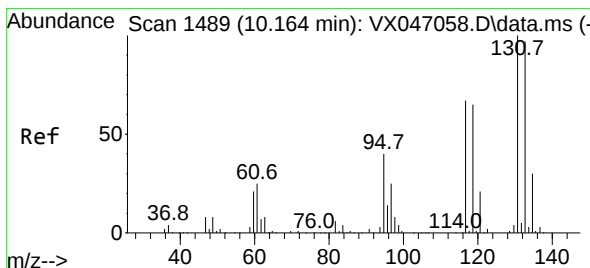
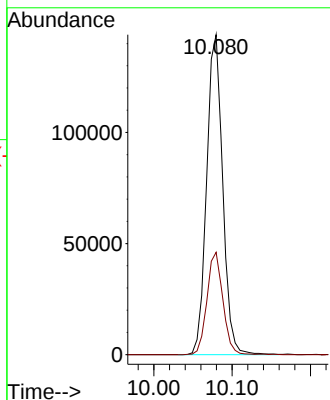
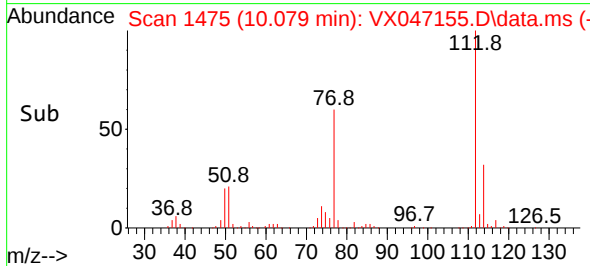
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



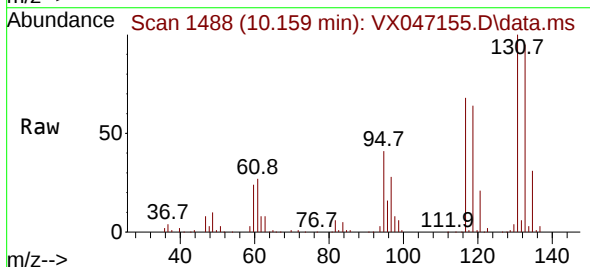
Tgt Ion:112 Resp: 204374
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

Manual Integrations
APPROVED

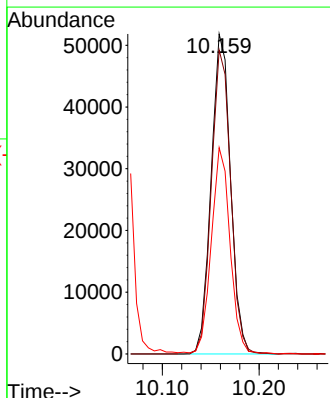
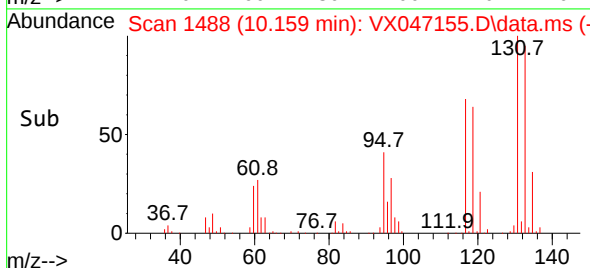
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

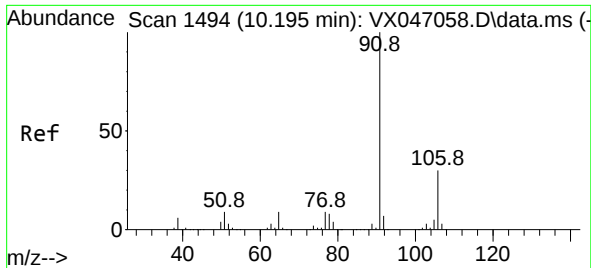


#66
1,1,1,2-Tetrachloroethane
Concen: 19.397 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



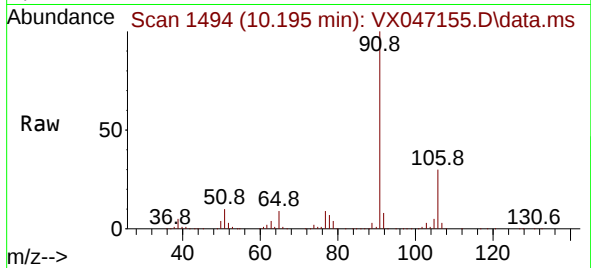
Tgt Ion:131 Resp: 71869
Ion Ratio Lower Upper
131 100
133 95.0 48.4 145.3
119 62.6 32.4 97.0





#67
Ethyl Benzene
Concen: 19.028 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

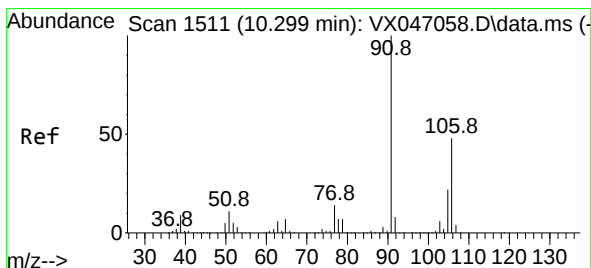
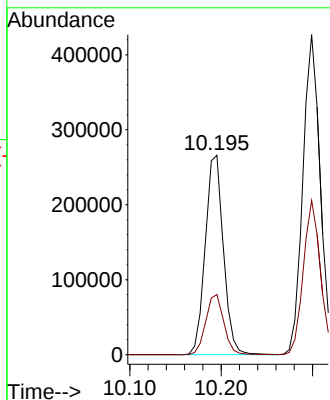
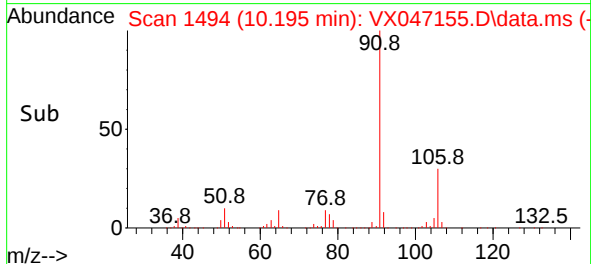
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



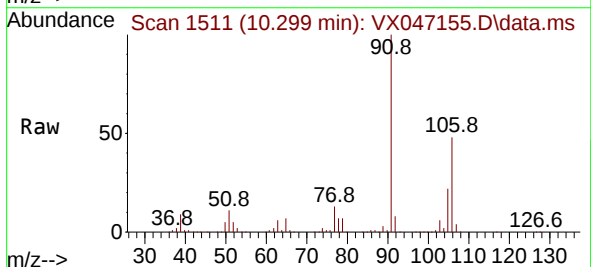
Tgt Ion: 91 Resp: 366130
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4

Manual Integrations
APPROVED

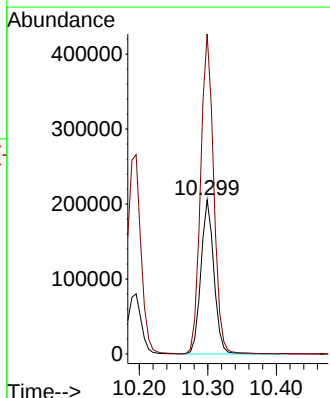
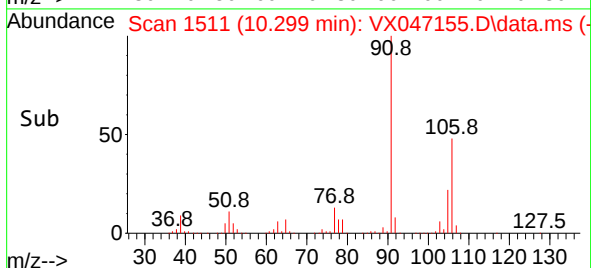
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

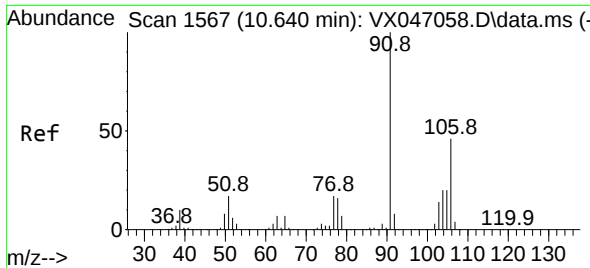


#68
m/p-Xylenes
Concen: 37.643 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



Tgt Ion:106 Resp: 271050
Ion Ratio Lower Upper
106 100
91 210.4 167.4 251.0





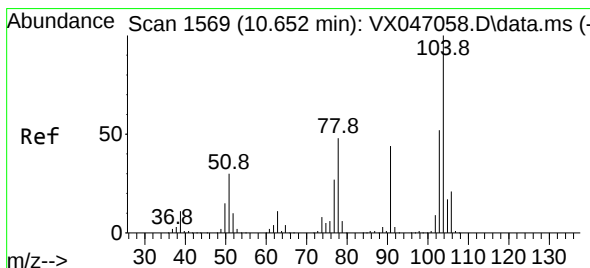
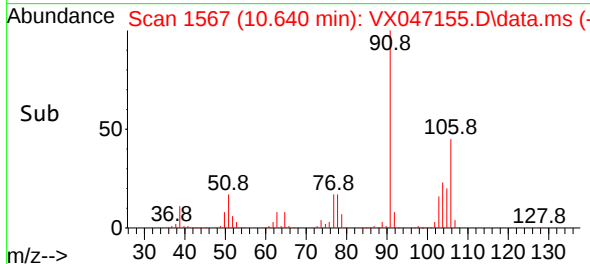
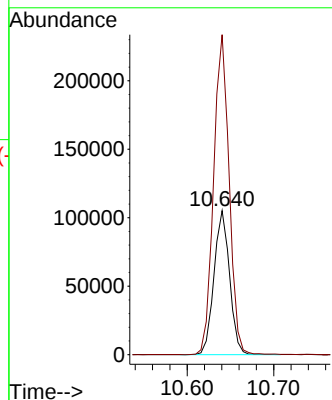
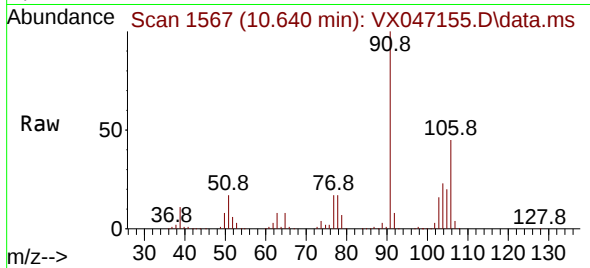
#69
o-Xylene
Concen: 19.218 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion:106 Resp: 13164
Ion Ratio Lower Upper
106 100
91 221.6 110.3 331.0

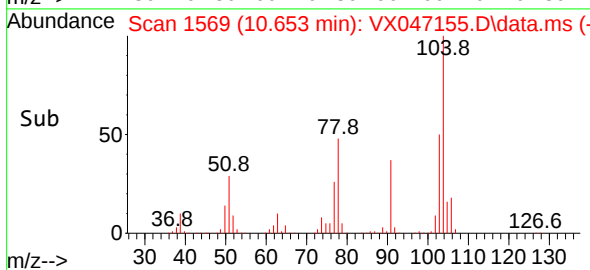
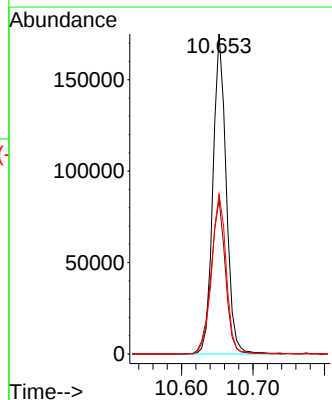
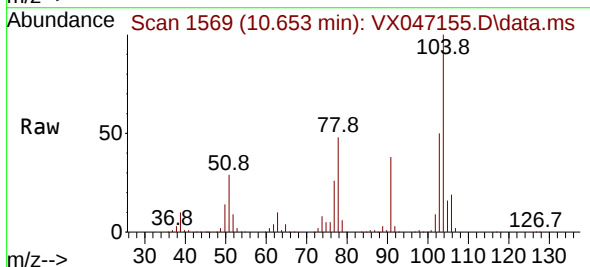
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#70
Styrene
Concen: 19.165 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

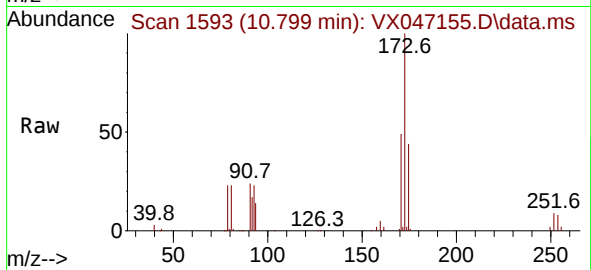
Tgt Ion:104 Resp: 225118
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 54.9 43.8 65.6





#71
Bromoform
Concen: 19.503 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

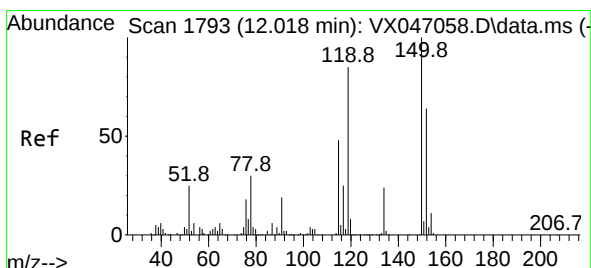
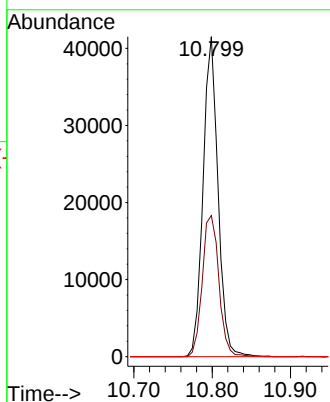
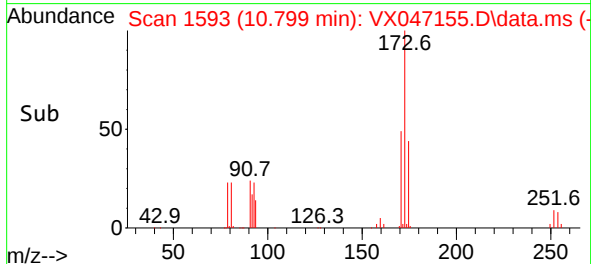
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



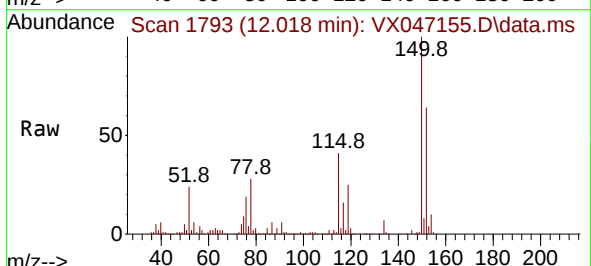
Tgt Ion:173 Resp: 54892
Ion Ratio Lower Upper
173 100
175 49.1 24.2 72.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

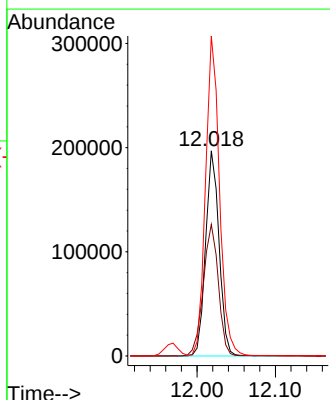
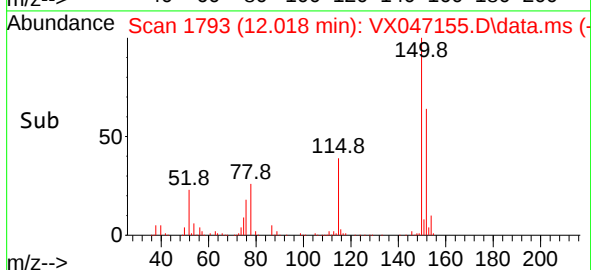
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

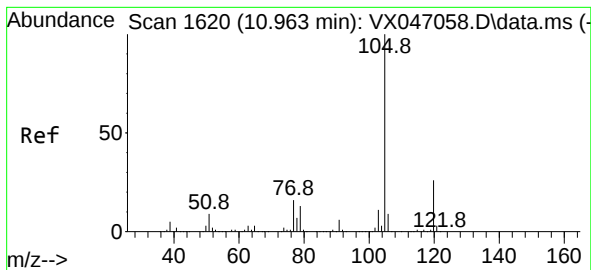


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



Tgt Ion:152 Resp: 234098
Ion Ratio Lower Upper
152 100
115 72.2 45.6 136.7
150 161.9 0.0 354.6





#73

Isopropylbenzene

Concen: 18.914 ug/l

RT: 10.957 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion:105 Resp: 349329

Ion Ratio Lower Upper

105 100

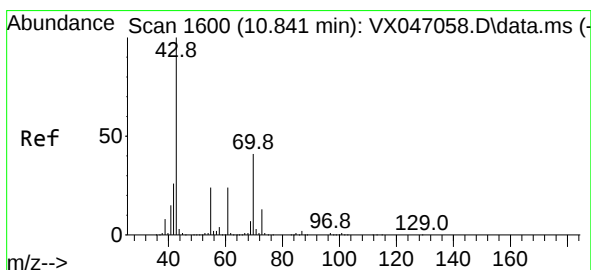
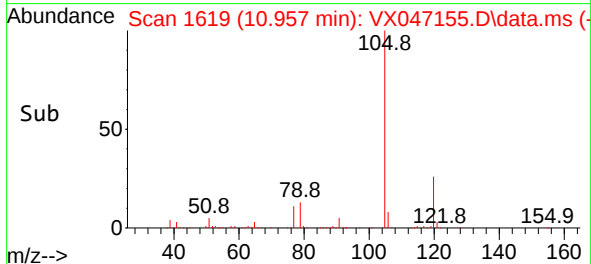
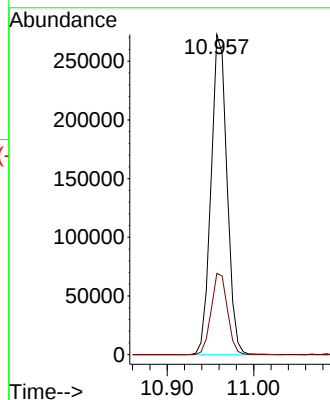
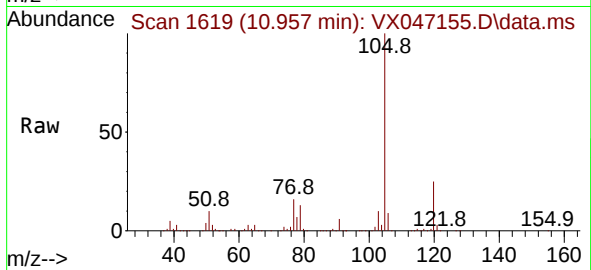
120 25.9 12.9 38.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#74

N-ethyl acetate

Concen: 17.807 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Tgt Ion: 43 Resp: 132693

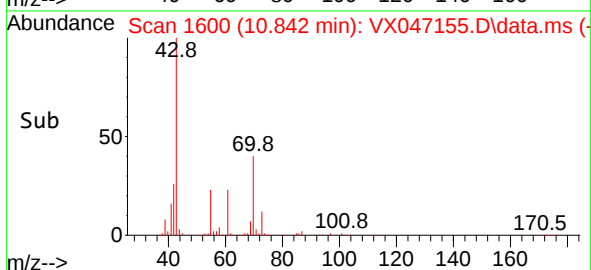
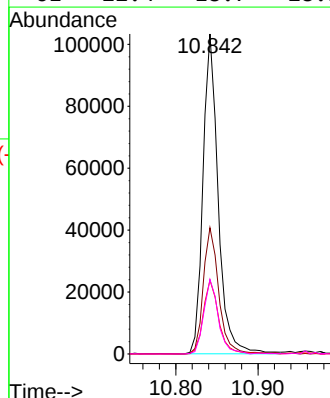
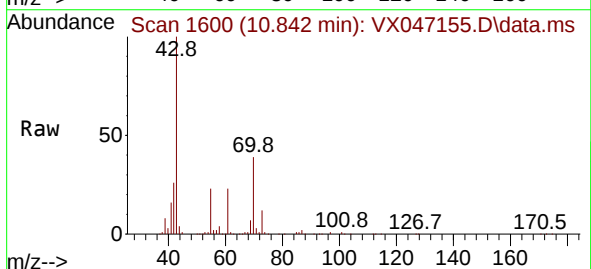
Ion Ratio Lower Upper

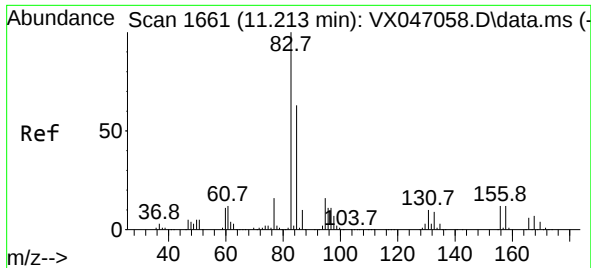
43 100

70 40.6 32.3 48.5

55 23.5 18.9 28.3

61 22.4 18.7 28.1





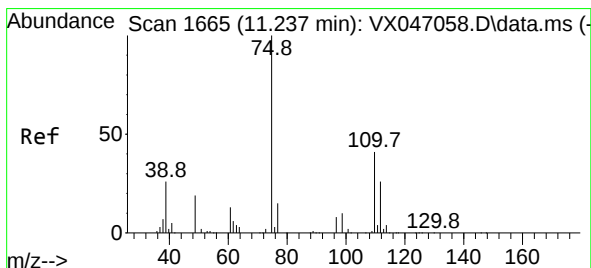
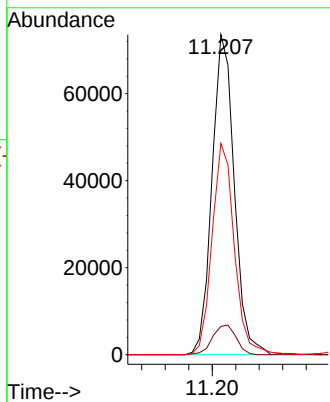
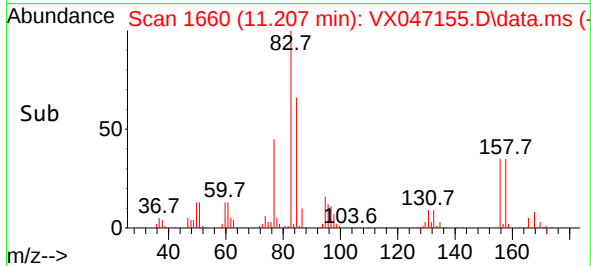
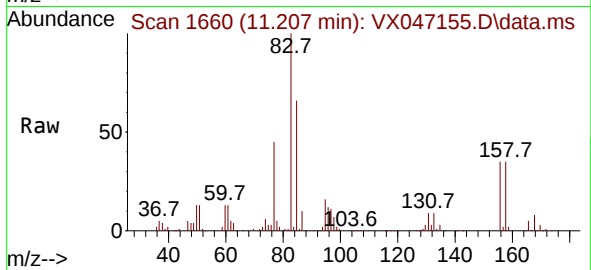
#75
1,1,2,2-Tetrachloroethane
Concen: 18.348 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion: 83 Resp: 9679
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 66.1 32.0 96.2

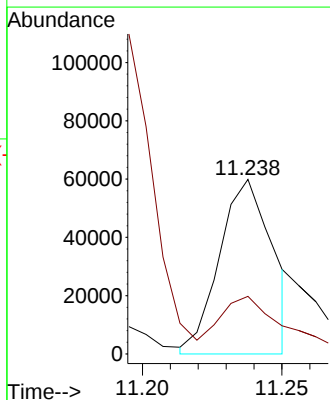
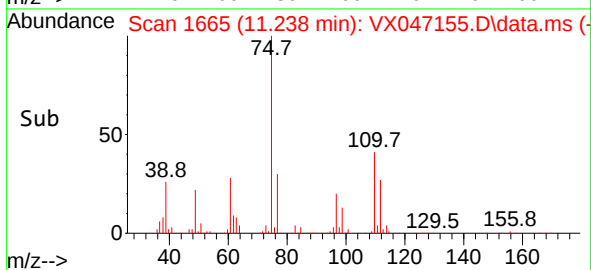
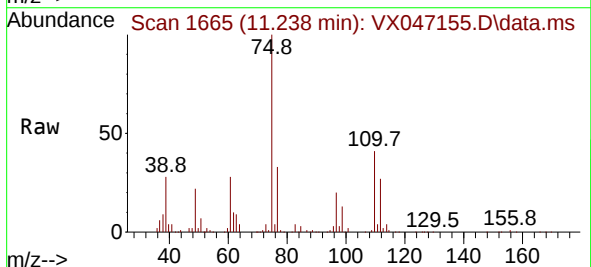
Manual Integrations
APPROVED

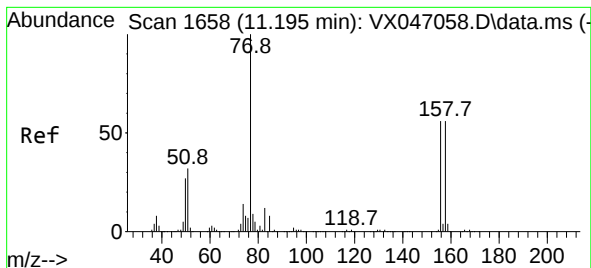
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#76
1,2,3-Trichloropropane
Concen: 18.285 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 75 Resp: 79231
Ion Ratio Lower Upper
75 100
77 41.1 21.6 65.0





#77

Bromobenzene

Concen: 18.509 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

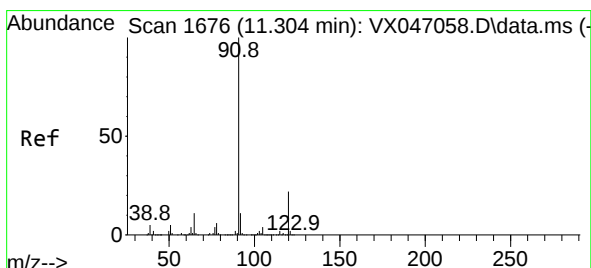
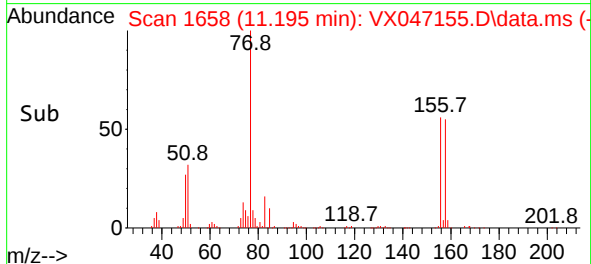
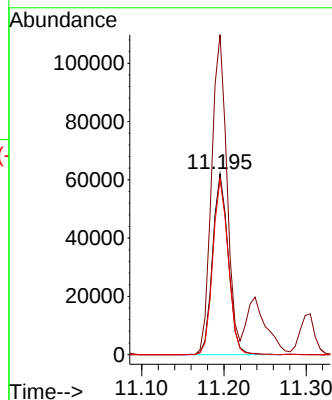
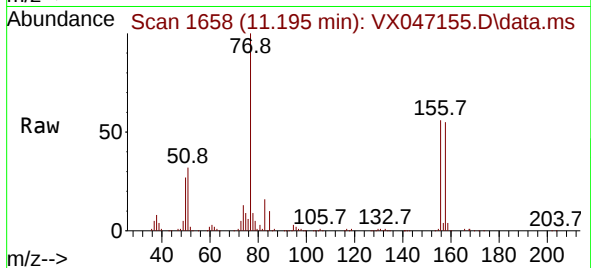
Tgt Ion:	156	Resp:	8199
Ion Ratio	Lower	Upper	
156	100		
77	174.4	87.3	261.9
158	95.7	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#78

n-propylbenzene

Concen: 18.839 ug/l

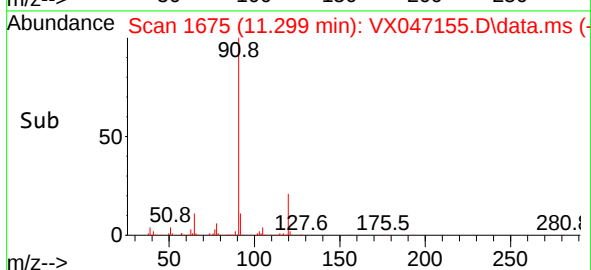
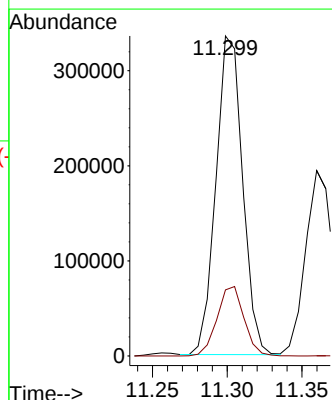
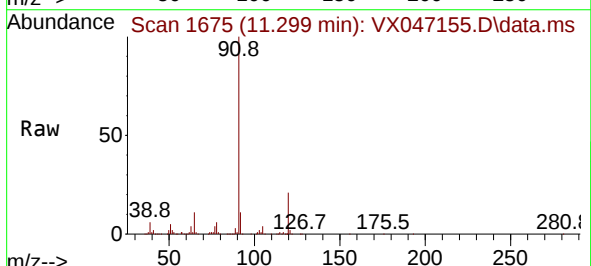
RT: 11.299 min Scan# 1675

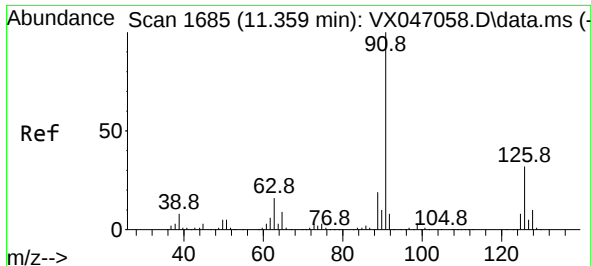
Delta R.T. -0.006 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Tgt Ion:	91	Resp:	415786
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.0	33.0





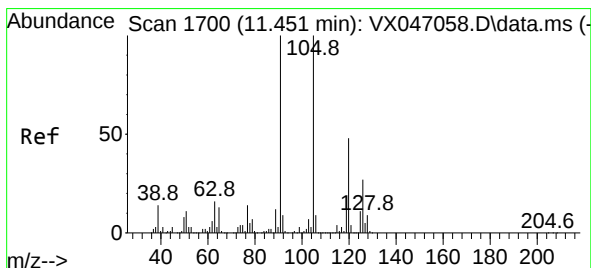
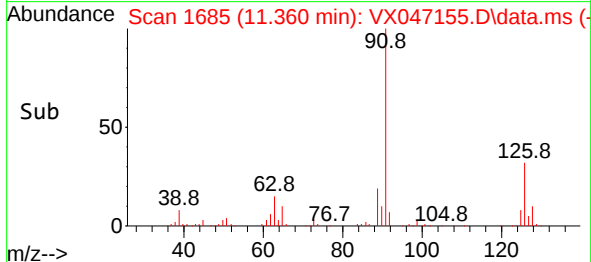
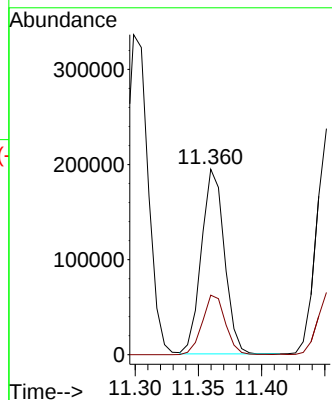
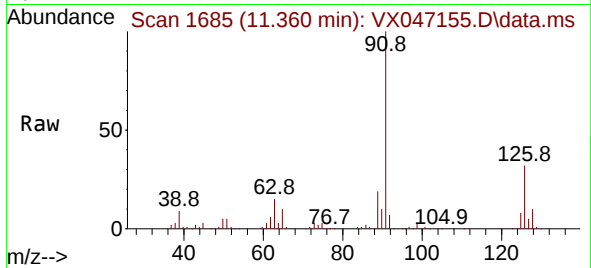
#79
2-Chlorotoluene
Concen: 18.710 ug/l
RT: 11.360 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01

Tgt Ion: 91 Resp: 24683
Ion Ratio Lower Upper
91 100
126 32.4 16.4 49.4

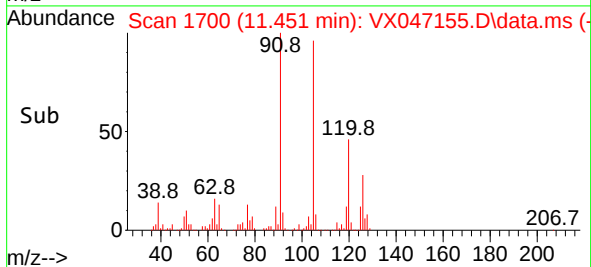
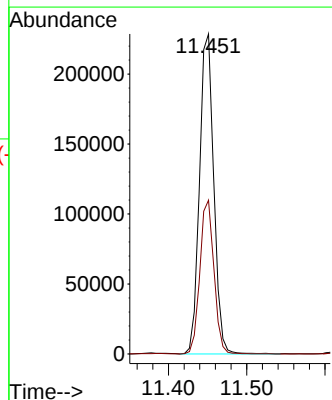
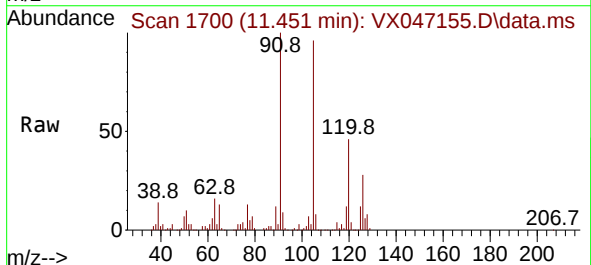
Manual Integrations
APPROVED

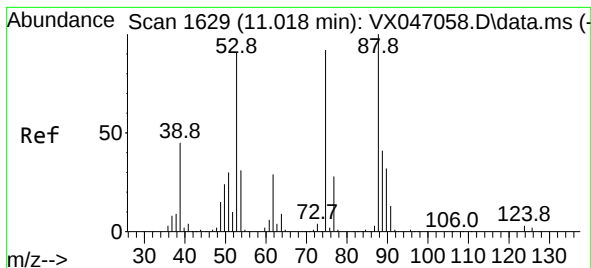
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.003 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

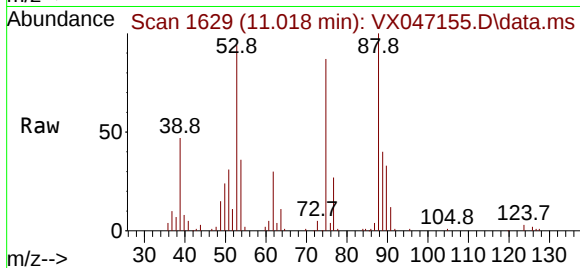
Tgt Ion:105 Resp: 289953
Ion Ratio Lower Upper
105 100
120 47.2 23.8 71.5





#81
trans-1,4-Dichloro-2-butene
Concen: 13.576 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

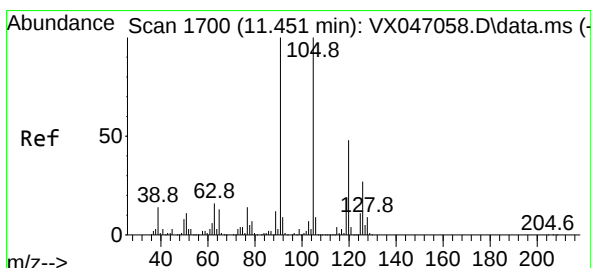
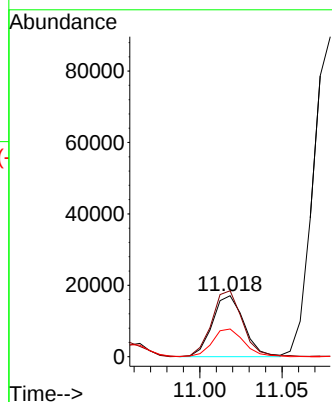
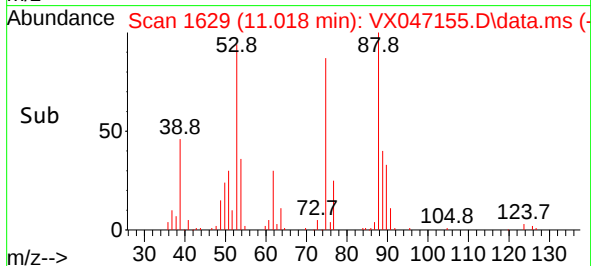
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 75 Resp: 2283
Ion Ratio Lower Upper
75 100
53 105.3 84.2 126.4
89 45.6 36.0 54.0

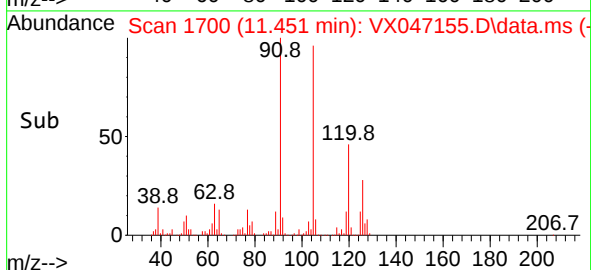
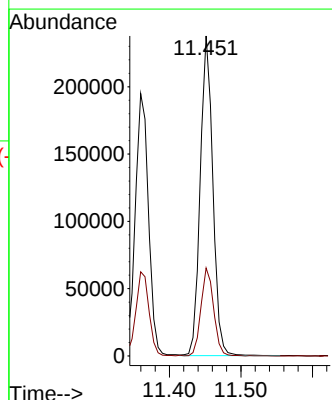
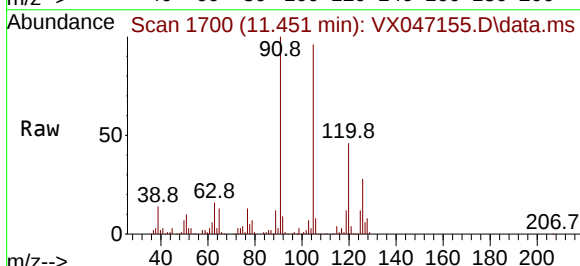
Manual Integrations
APPROVED

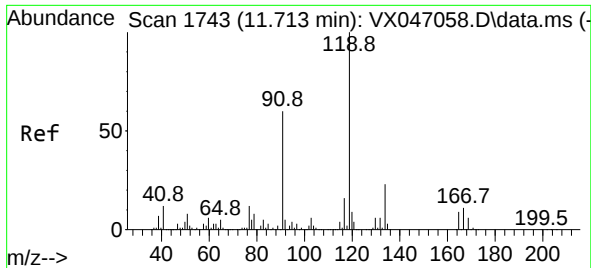
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#82
4-Chlorotoluene
Concen: 18.831 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

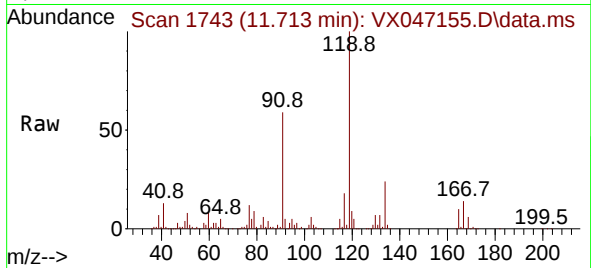
Tgt Ion: 91 Resp: 289976
Ion Ratio Lower Upper
91 100
126 27.7 14.1 42.3





#83
tert-Butylbenzene
Concen: 19.176 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

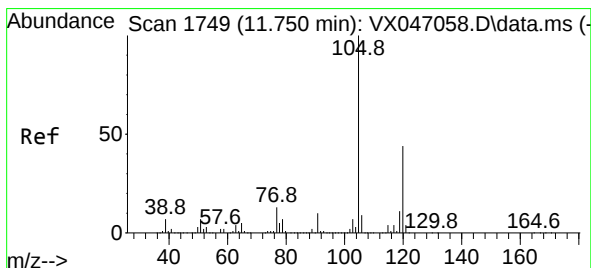
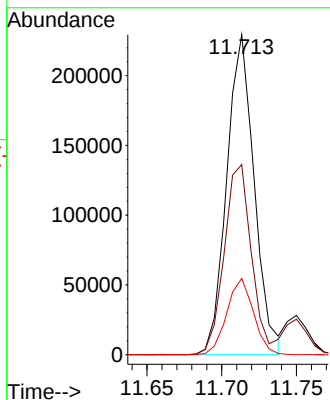
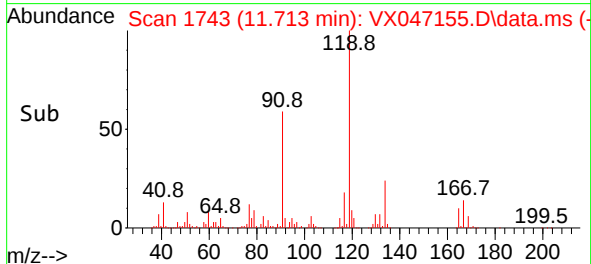
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



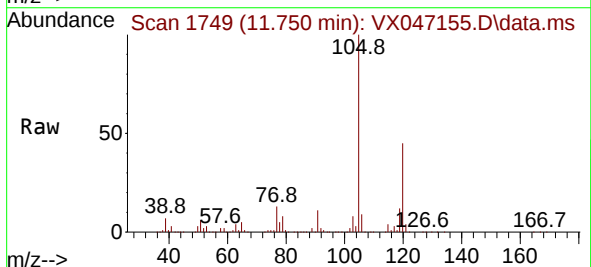
Tgt Ion:119 Resp: 29366
Ion Ratio Lower Upper
119 100
91 58.5 29.6 88.8
134 23.1 11.4 34.1

Manual Integrations
APPROVED

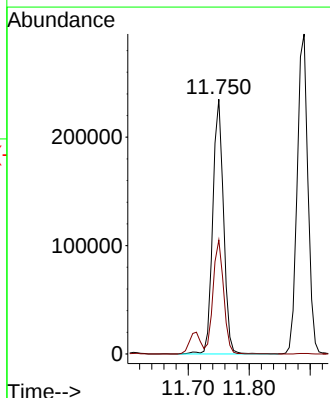
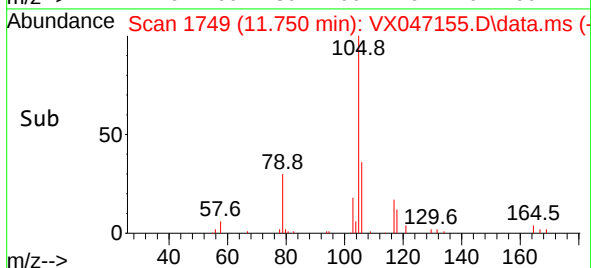
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025

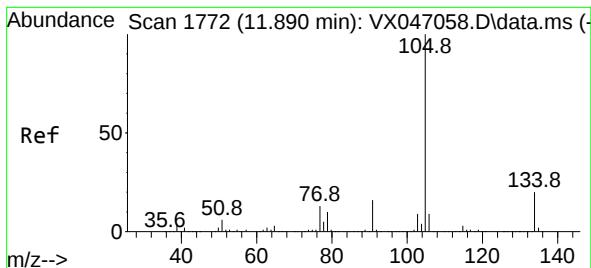


#84
1,2,4-Trimethylbenzene
Concen: 18.958 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



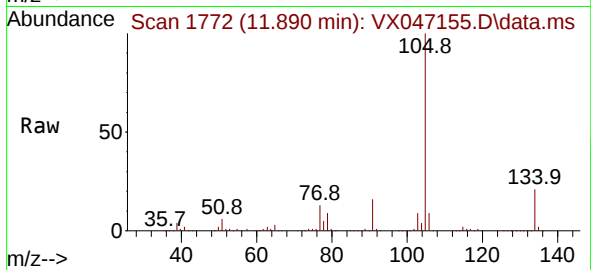
Tgt Ion:105 Resp: 288523
Ion Ratio Lower Upper
105 100
120 43.9 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 18.908 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX047155.D
 Acq: 28 Jul 2025 10:45

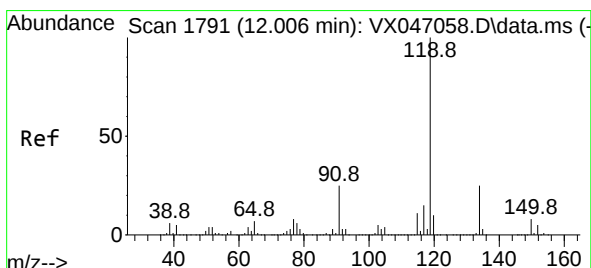
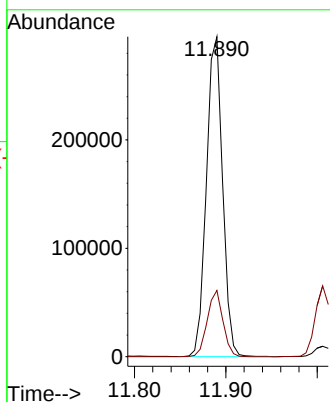
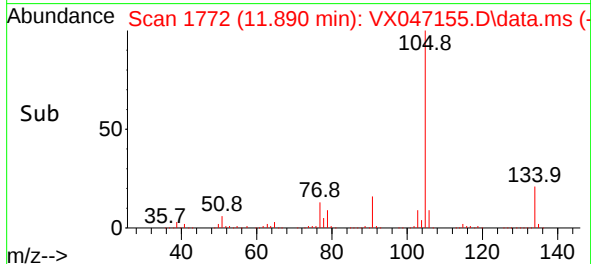
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0728WBS01



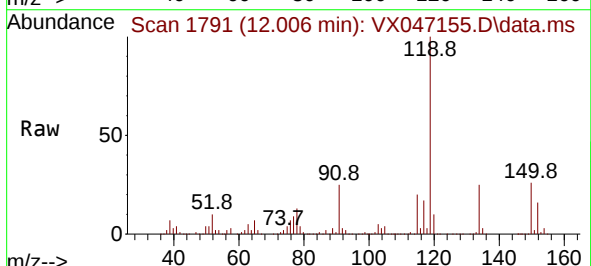
Tgt Ion:105 Resp: 36180
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.9 29.7

Manual Integrations
 APPROVED

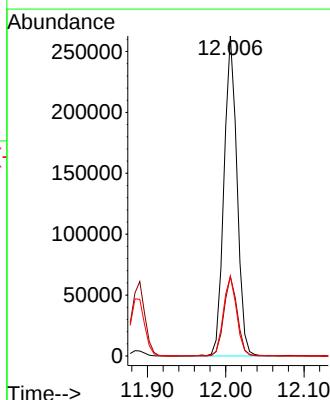
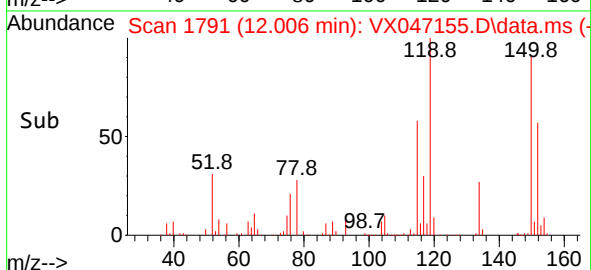
Reviewed By :John Carlone 07/29/2025
 Supervised By :Mahesh Dadoda 07/29/2025

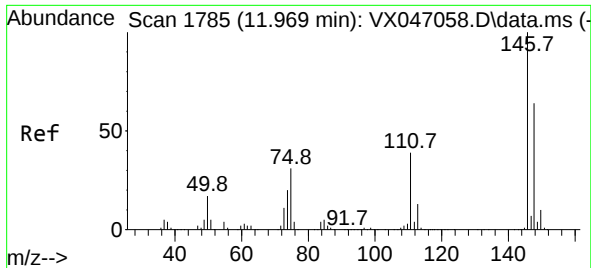


#86
 p-Isopropyltoluene
 Concen: 19.217 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX047155.D
 Acq: 28 Jul 2025 10:45



Tgt Ion:119 Resp: 304940
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.4
 91 25.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 18.705 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion:146 Resp: 15744

Ion Ratio Lower Upper

146 100

111 42.1 21.0 63.0

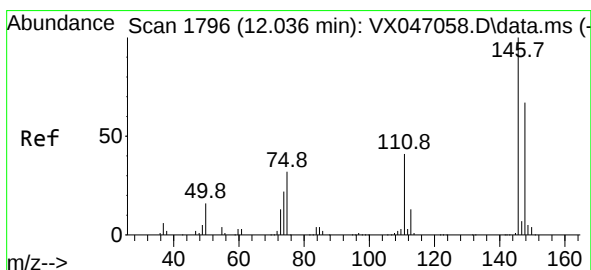
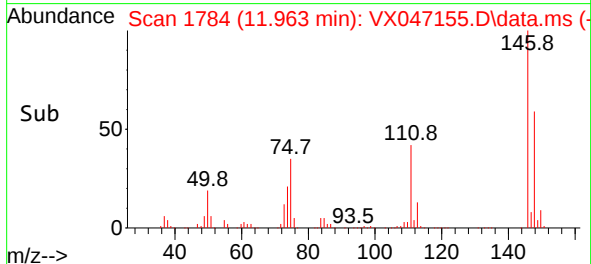
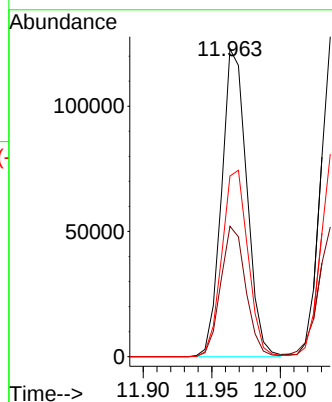
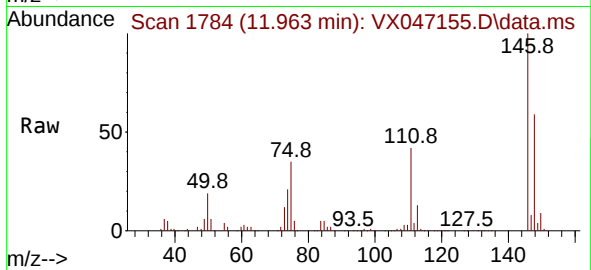
148 62.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#88

1,4-Dichlorobenzene

Concen: 18.600 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

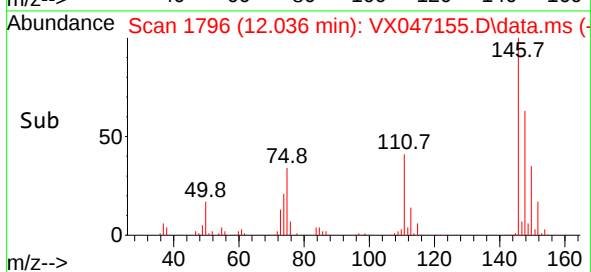
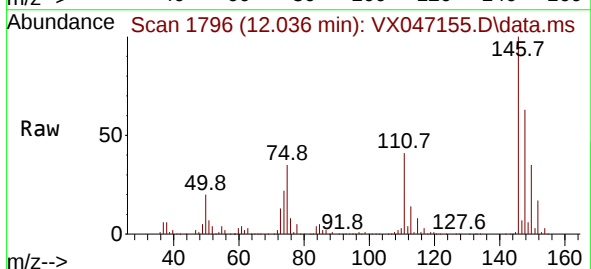
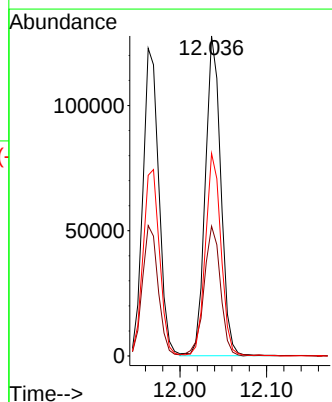
Tgt Ion:146 Resp: 158610

Ion Ratio Lower Upper

146 100

111 43.0 20.6 61.9

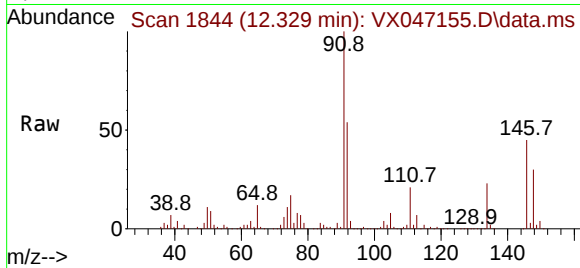
148 63.9 33.0 98.9





#89
n-Butylbenzene
Concen: 19.289 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

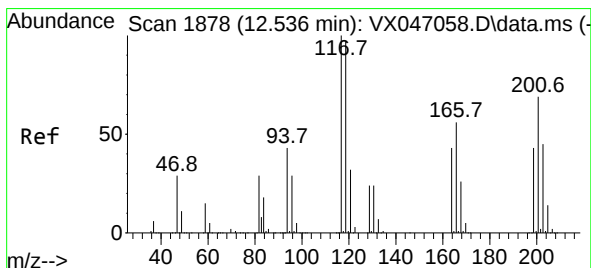
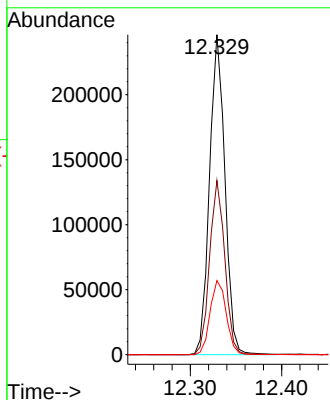
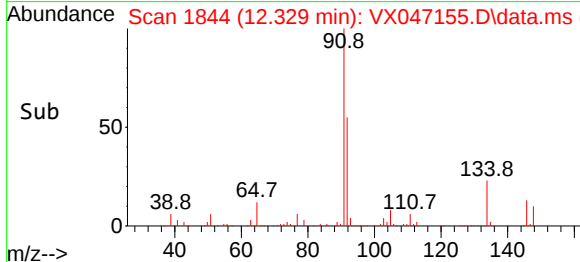
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion: 91 Resp: 287044
Ion Ratio Lower Upper
91 100
92 53.9 27.5 82.5
134 24.4 12.8 38.3

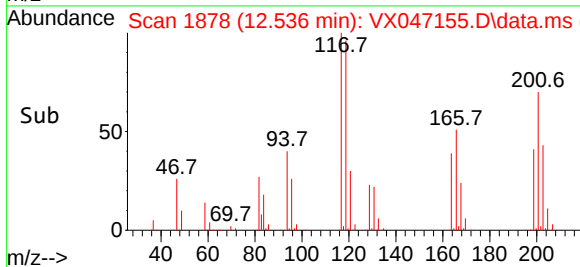
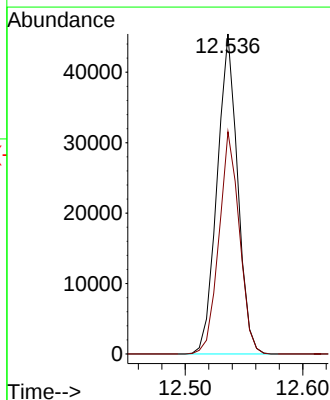
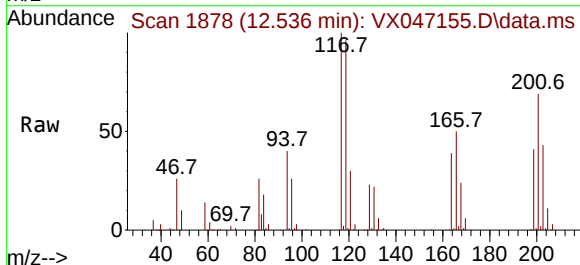
Manual Integrations
APPROVED

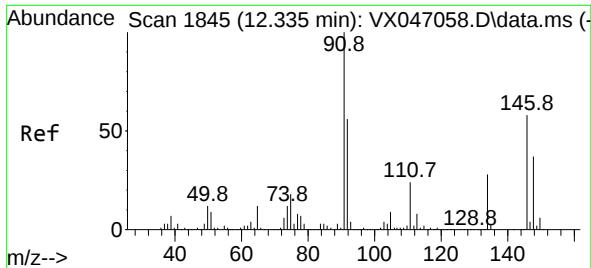
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#90
Hexachloroethane
Concen: 19.460 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

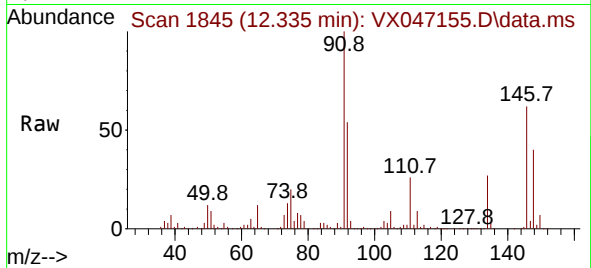
Tgt Ion:117 Resp: 55242
Ion Ratio Lower Upper
117 100
201 68.9 34.8 104.5





#91
1,2-Dichlorobenzene
Concen: 18.492 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

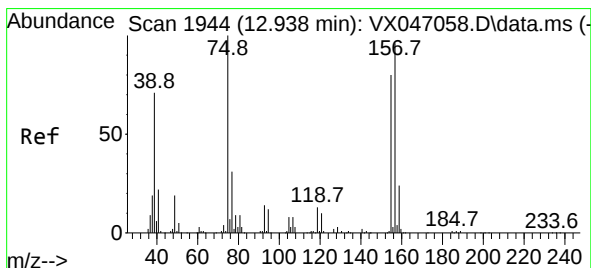
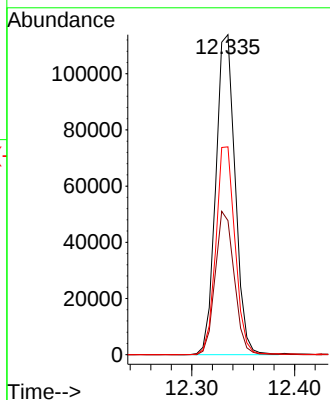
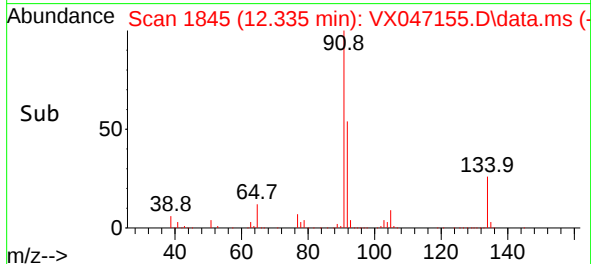
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



Tgt Ion:146 Resp: 148759
Ion Ratio Lower Upper
146 100
111 44.1 21.6 64.6
148 64.8 31.9 95.7

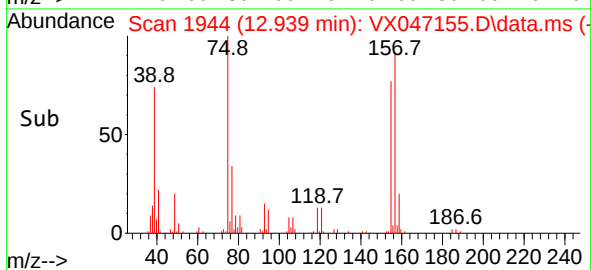
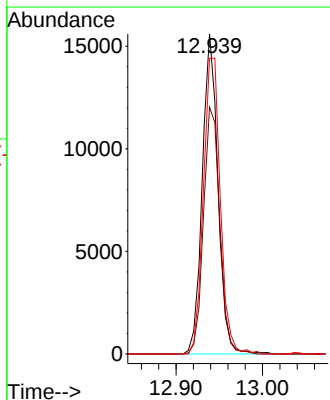
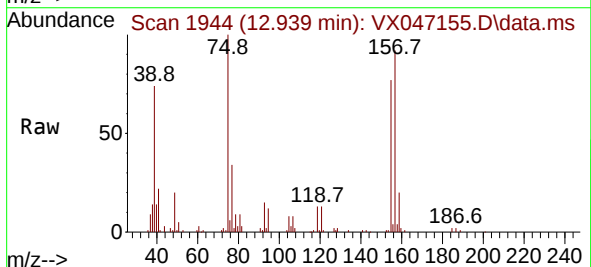
Manual Integrations
APPROVED

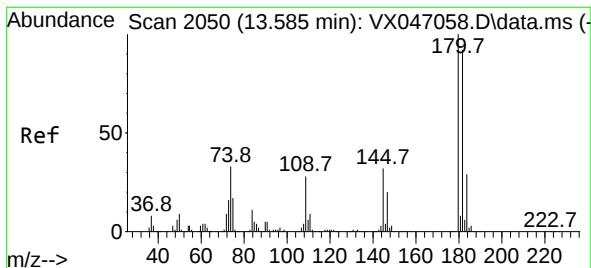
Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.328 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

Tgt Ion: 75 Resp: 19573
Ion Ratio Lower Upper
75 100
155 80.1 41.3 124.1
157 100.0 52.8 158.3





#93

1,2,4-Trichlorobenzene

Concen: 18.884 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0728WBS01

Tgt Ion:180 Resp: 100369

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

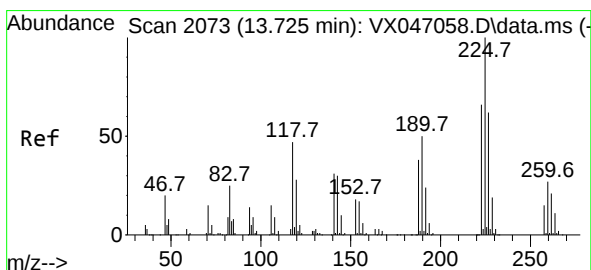
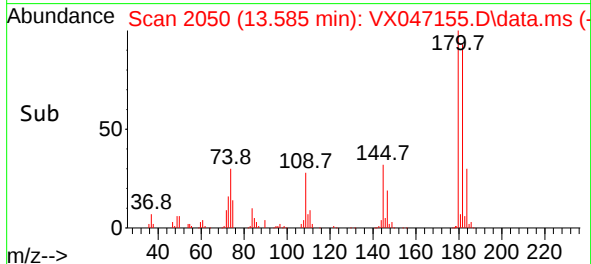
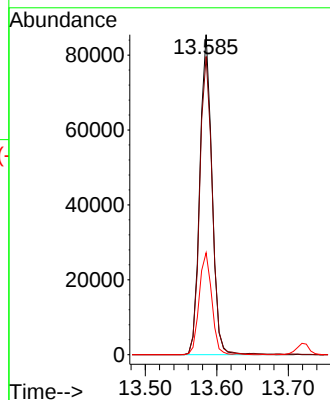
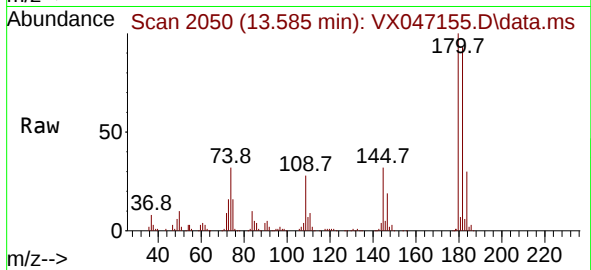
145 33.0 16.4 49.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2025

Supervised By :Mahesh Dadoda 07/29/2025



#94

Hexachlorobutadiene

Concen: 20.416 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX047155.D

Acq: 28 Jul 2025 10:45

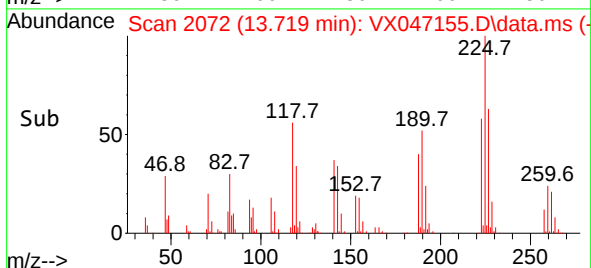
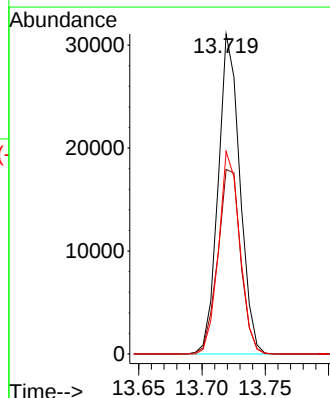
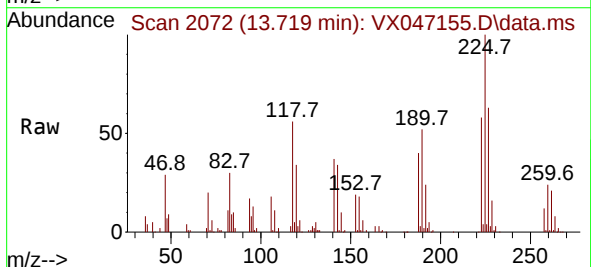
Tgt Ion:225 Resp: 36903

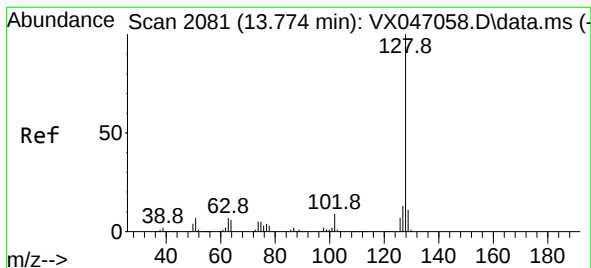
Ion Ratio Lower Upper

225 100

223 61.0 31.6 95.0

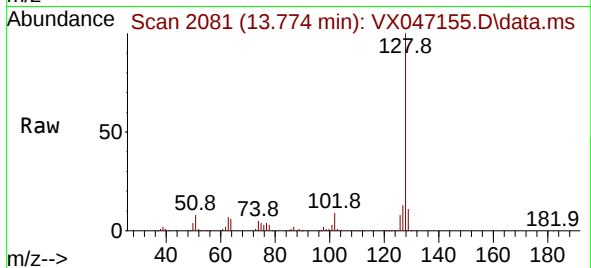
227 61.8 32.9 98.6





#95
Naphthalene
Concen: 19.187 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45

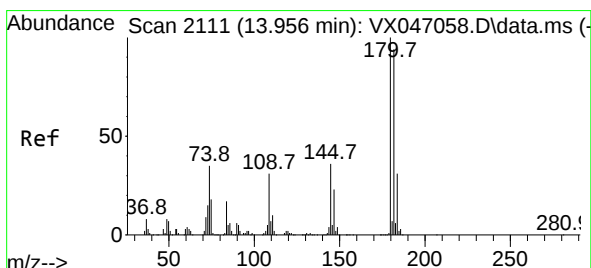
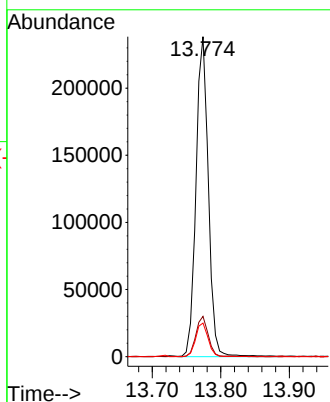
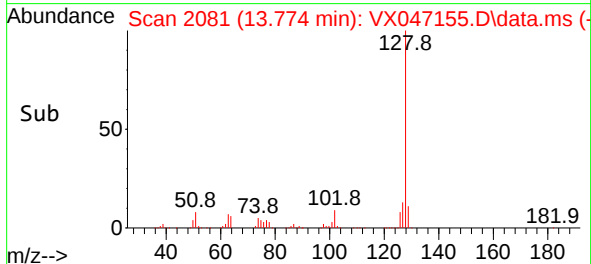
Instrument :
MSVOA_X
ClientSampleId :
VX0728WBS01



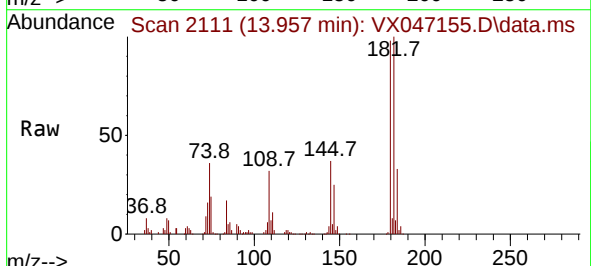
Tgt Ion:128 Resp: 29895
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2025
Supervised By :Mahesh Dadoda 07/29/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.414 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX047155.D
Acq: 28 Jul 2025 10:45



Tgt Ion:180 Resp: 94287
Ion Ratio Lower Upper
180 100
182 96.4 46.9 140.6
145 35.2 17.3 52.0

