

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072525\
 Data File : VX047146.D
 Acq On : 25 Jul 2025 16:44
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 26 04:46:47 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X072525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jul 26 04:39:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/28/2025
 Supervised By : Mahesh Dadoda 07/28/2025

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

Internal Standards						
1) Bromochloromethane	4.916	128	24490m	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	296252	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	258620	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.970	65	119058	38.493	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 128.300%#			
60) 4-Bromofluorobenzene	11.079	95	122950	29.176	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 97.267%			
63) Toluene-d8	8.653	98	334864	29.728	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 99.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	590026	211.687	ug/l	98
3) Chloromethane	1.313	50	508320	202.927	ug/l	98
4) Vinyl Chloride	1.392	62	609468	203.187	ug/l	99
5) Bromomethane	1.624	94	241848	199.436	ug/l	100
6) Chloroethane	1.703	64	332858	196.603	ug/l	95
7) Trichlorofluoromethane	1.904	101	826284	202.765	ug/l	98
8) Diethyl Ether	2.148	74	304484	204.718	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.349	101	501555	207.106	ug/l	95
10) 1,1-Dichloroethene	2.337	96	501513	202.423	ug/l	95
11) Methyl Iodide	2.471	142	818163	213.959	ug/l #	97
12) Methyl Acetate	2.715	43	629133	204.012	ug/l	98
13) Acrolein	2.251	56	479298	1162.188	ug/l	99
14) Acrylonitrile	3.081	53	1291736	1014.942	ug/l	100
15) Acetone	2.392	58	310288	993.113	ug/l	95
16) Carbon Disulfide	2.532	76	1374585	191.379	ug/l	100
17) Allyl chloride	2.678	41	861665	203.573	ug/l	97
18) Methylene Chloride	2.806	84	527400	197.237	ug/l	95
19) trans-1,2-Dichloroethene	3.105	96	496598	195.721	ug/l	97
20) Diisopropyl ether	3.776	45	1757421	194.169	ug/l	95
21) 1,1-Dichloroethane	3.623	63	975088	197.939	ug/l	99
22) cis-1,2-Dichloroethene	4.501	96	606568	195.779	ug/l	98
23) tert-Butyl Alcohol	2.983	59	349328	988.660	ug/l	100
24) Methyl tert-Butyl Ether	3.123	73	1647605	198.542	ug/l	100
25) Chloroform	5.111	83	955460	196.998	ug/l	94
26) Cyclohexane	5.483	56	889203	185.896	ug/l #	100
29) 1,1-Dichloropropene	5.708	75	678630	147.078	ug/l	99
30) 2-Butanone	4.568	43	1638631	751.872	ug/l	98
31) 2,2-Dichloropropane	4.489	77	757822	152.965	ug/l #	90
32) 1,1,1-Trichloroethane	5.397	97	865103	151.408	ug/l #	79
33) Carbon Tetrachloride	5.690	117	686108m	169.709	ug/l	
34) Benzene	6.050	78	2042243	149.921	ug/l	99
35) Methacrylonitrile	4.934	41	356316	151.240	ug/l	95
36) 1,2-Dichloroethane	6.098	62	717016	146.570	ug/l	98
37) Trichloroethene	7.135	130	524447	152.982	ug/l	98
38) Methylcyclohexane	7.391	83	892450	150.028	ug/l	99
39) 1,2-Dichloropropane	7.433	63	518913	148.585	ug/l	100
40) Dibromomethane	7.586	93	374220	153.615	ug/l	95
41) Bromodichloromethane	7.824	83	774361	151.900	ug/l	95
42) Vinyl Acetate	3.733	43	7589838	757.550	ug/l	99

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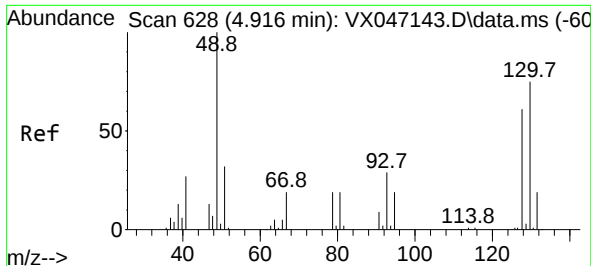
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Reviewed By : John Carlone 07/28/2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	755092	151.947	ug/l	99
44) Isopropyl Acetate	6.348	43	1222691	156.375	ug/l	97
45) 1,4-Dioxane	7.726	88	120761m	2471.250	ug/l	
46) Methyl methacrylate	7.696	41	619950	154.514	ug/l	92
47) n-amyl Acetate	10.841	43	1029353	150.564	ug/l	99
48) t-1,3-Dichloropropene	8.982	75	776532	157.604	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	828586	153.738	ug/l	98
50) 1,1,2-Trichloroethane	9.153	97	472903	145.971	ug/l	99
51) Ethyl methacrylate	9.116	69	816856	154.657	ug/l	98
52) 1,3-Dichloropropane	9.311	76	817236	145.405	ug/l	99
53) Dibromochloromethane	9.518	129	250561m	210.583	ug/l	
54) 1,2-Dibromoethane	9.610	107	493381	145.471	ug/l	97
55) 2-Chloroethyl vinyl ether	8.244	63	1995253	774.694	ug/l	100
56) Bromoform	10.787	173	1266m	26.260	ug/l	
58) 4-Methyl-2-Pentanone	8.580	43	3344302	741.134	ug/l	99
59) 2-Hexanone	9.433	43	2350541	736.362	ug/l	98
61) Tetrachloroethene	9.275	164	414941	146.528	ug/l	99
62) Toluene	8.720	91	2116770	146.363	ug/l	98
64) Chlorobenzene	10.079	112	1377106	148.492	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.165	131	473620	161.538	ug/l	94
66) Ethyl Benzene	10.195	91	2423108	146.430	ug/l	99
67) m/p-Xylenes	10.305	106	1769357	288.527	ug/l	98
68) o-Xylene	10.640	106	864511	146.177	ug/l	99
69) Styrene	10.652	104	1474021	145.319	ug/l	100
70) Isopropylbenzene	10.963	105	2269619	144.076	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	650206	139.129	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	523584m	145.460	ug/l	
73) Bromobenzene	11.195	156	531458	140.960	ug/l	97
74) n-propylbenzene	11.305	91	2696724	142.587	ug/l	100
75) 2-Chlorotoluene	11.366	91	1577701	140.964	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	1829690	141.169	ug/l	98
77) t-1,4-Dichloro-2-butene	11.018	75	127382	239.147	ug/l	89
78) 4-Chlorotoluene	11.451	91	1820475	141.063	ug/l	100
79) tert-butylbenzene	11.713	119	1851940	142.777	ug/l	100
80) 1,2,4-Trimethylbenzene	11.750	105	1820010	141.574	ug/l	99
81) sec-Butylbenzene	11.890	105	2290815	141.515	ug/l	100
82) p-Isopropyltoluene	12.006	119	1897954	141.100	ug/l	100
83) 1,3-Dichlorobenzene	11.969	146	977926	138.825	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	961809	137.765	ug/l	99
85) n-Butylbenzene	12.329	91	1804172	139.763	ug/l	99
86) Hexachloroethane	12.536	117	350704	187.497	ug/l #	1
87) 1,2-Dichlorobenzene	12.335	146	928090	140.479	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	151099	149.346	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	646479	141.526	ug/l	97
90) Hexachlorobutadiene	13.725	225	199136	196.179	ug/l	48
91) Naphthalene	13.774	128	2148241	139.322	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	624555	142.491	ug/l	99

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



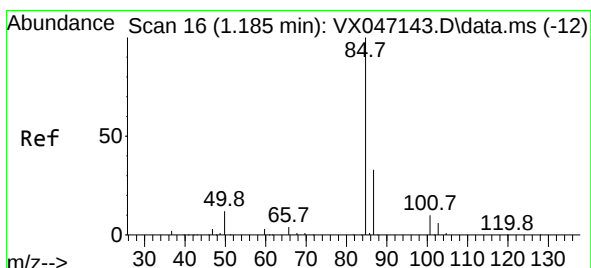
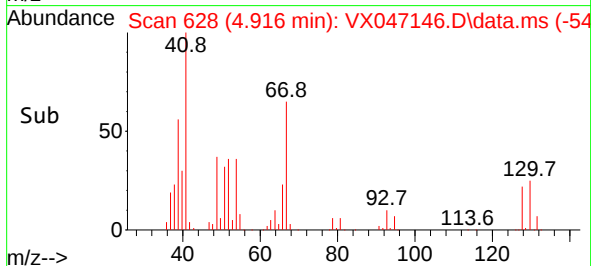
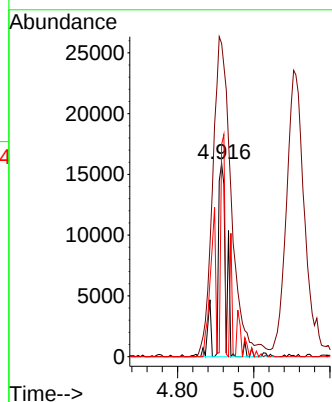
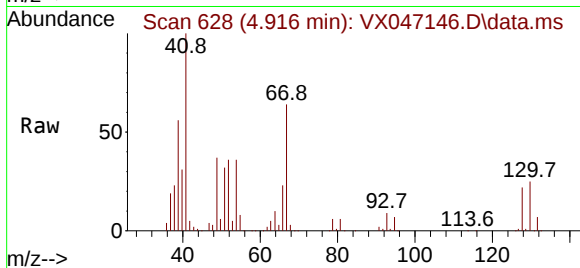
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Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:128 Resp: 24490
Ion Ratio Lower Upper
128 100
49 359.6 0.0 0.0
130 54.2 0.0 0.0

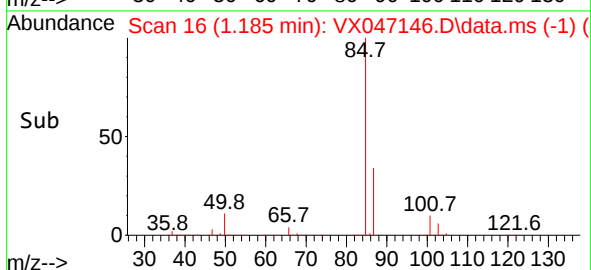
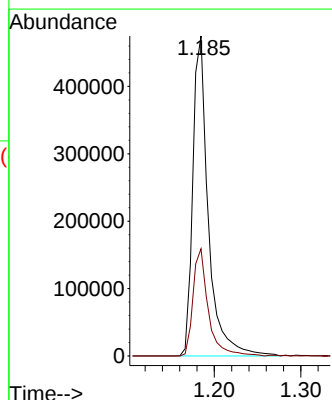
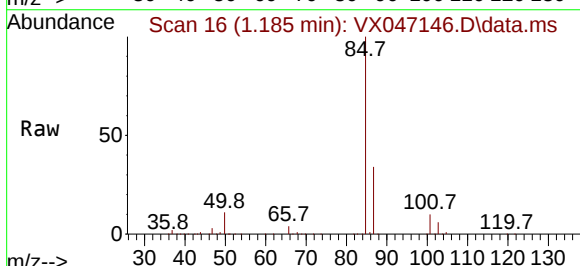
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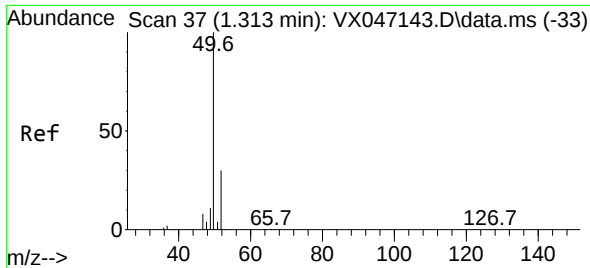
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#2
Dichlorodifluoromethane
Concen: 211.687 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 85 Resp: 590026
Ion Ratio Lower Upper
85 100
87 33.9 16.4 49.1





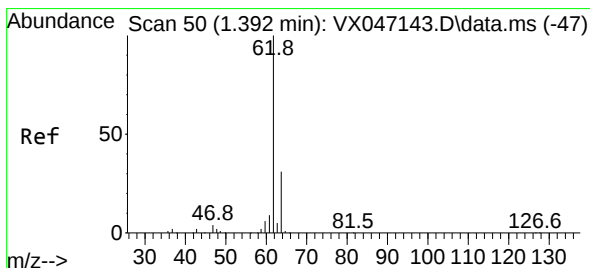
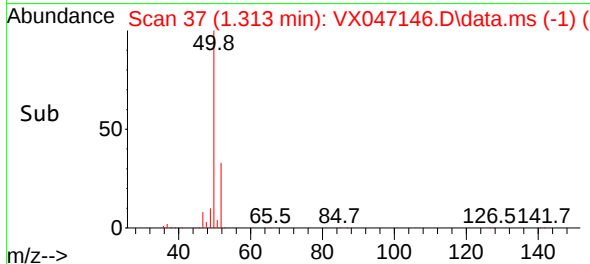
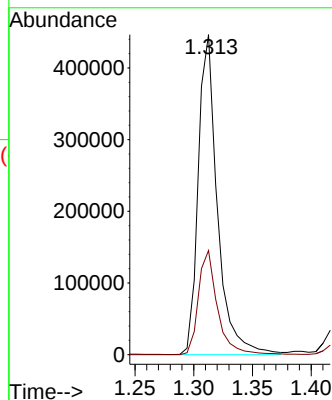
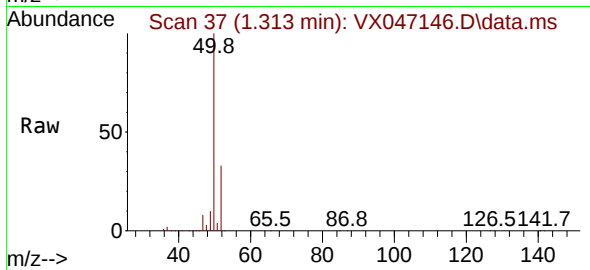
#3
Chloromethane
Concen: 202.927 ug/l
RT: 1.313 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 50 Resp: 508320
Ion Ratio Lower Upper
50 100
52 31.8 24.4 36.6

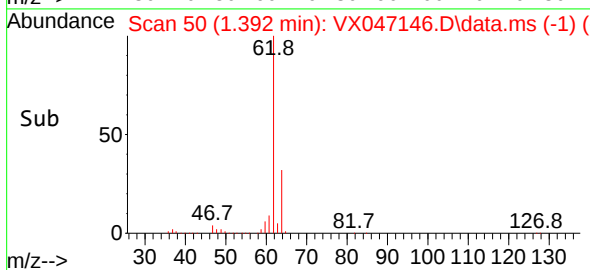
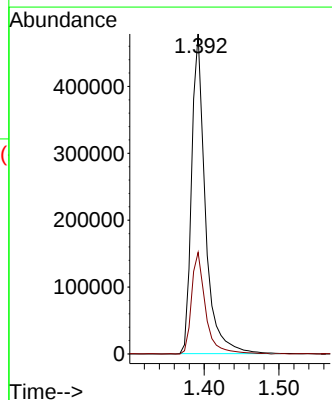
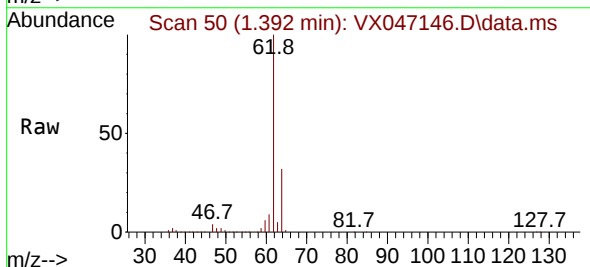
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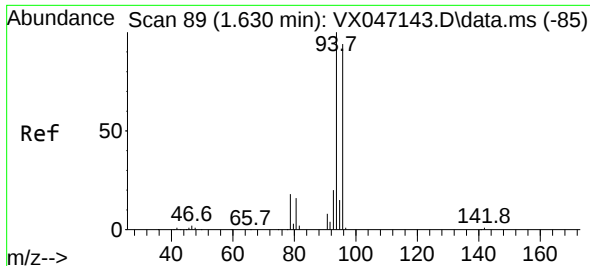
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#4
Vinyl Chloride
Concen: 203.187 ug/l
RT: 1.392 min Scan# 50
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

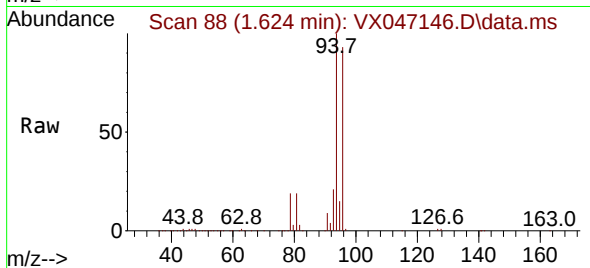
Tgt Ion: 62 Resp: 609468
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5
Bromomethane
Concen: 199.436 ug/l
RT: 1.624 min Scan# 89
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

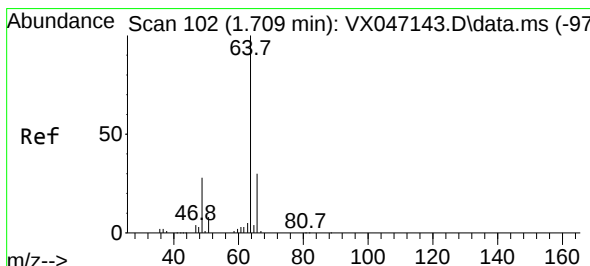
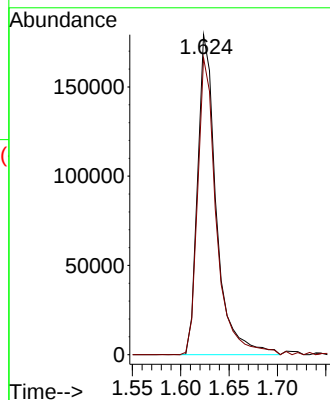
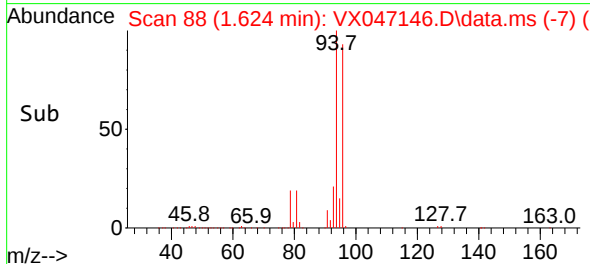
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 94 Resp: 241848
Ion Ratio Lower Upper
94 100
96 82.1 66.0 99.0

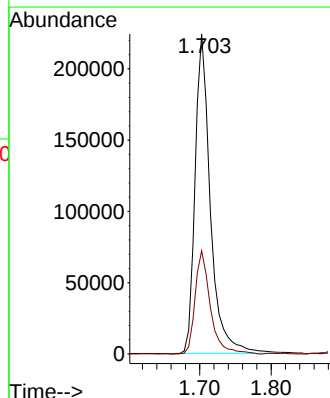
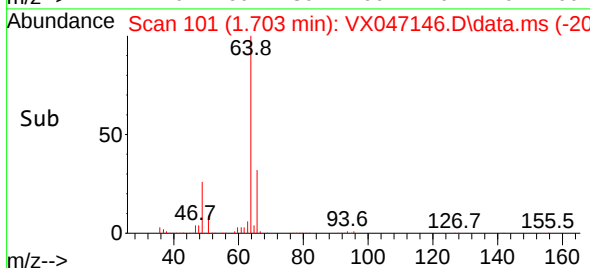
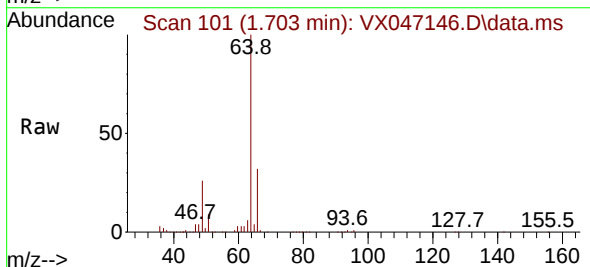
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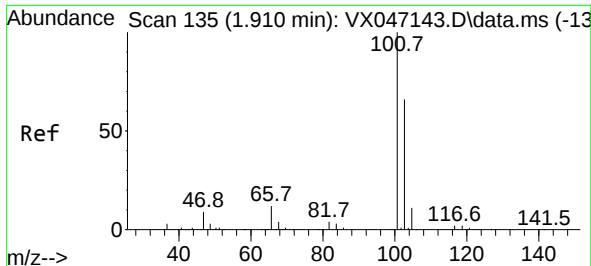
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#6
Chloroethane
Concen: 196.603 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 64 Resp: 332858
Ion Ratio Lower Upper
64 100
66 33.0 24.3 36.5





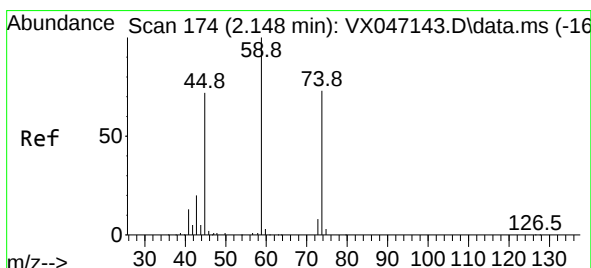
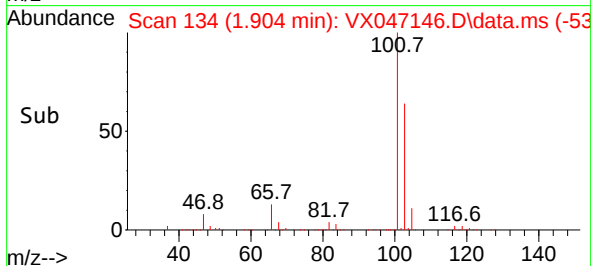
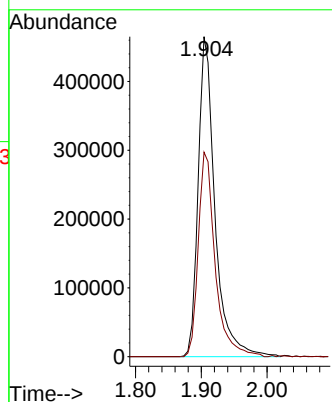
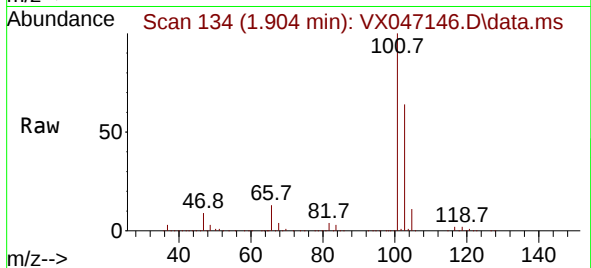
#7
Trichlorofluoromethane
Concen: 202.765 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 826284
Ion Ratio Lower Upper
101 100
103 63.8 52.4 78.6

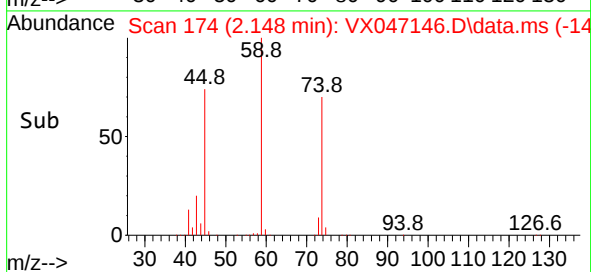
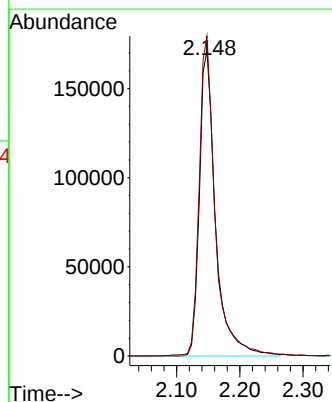
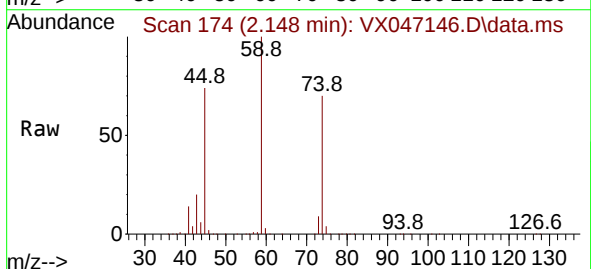
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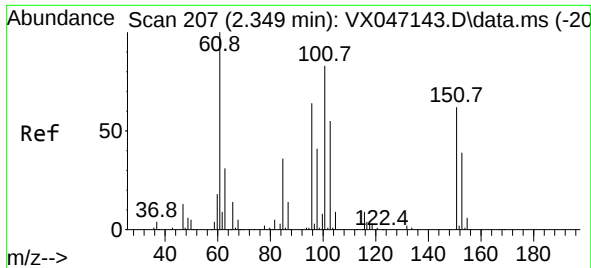
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#8
Diethyl Ether
Concen: 204.718 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 74 Resp: 304484
Ion Ratio Lower Upper
74 100
45 101.8 22.0 197.6





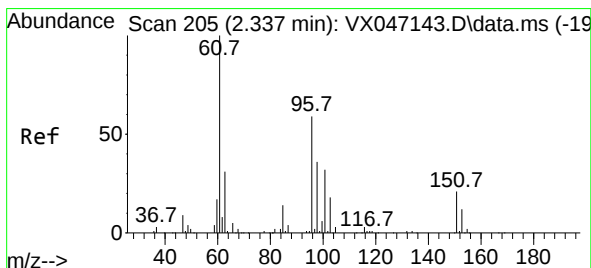
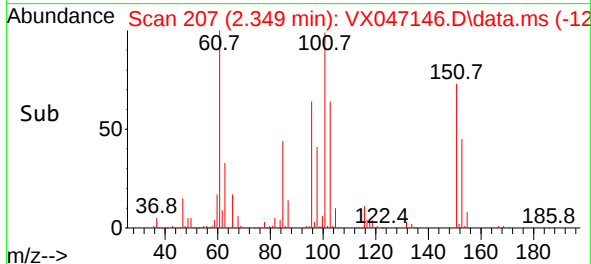
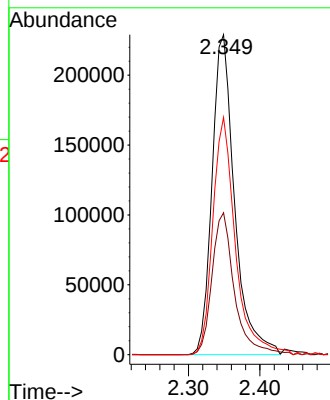
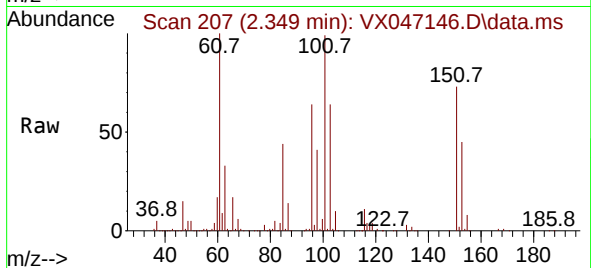
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1,1,2-Trichlorotrifluoroethane
Concen: 207.106 ug/l
RT: 2.349 min Scan# 207
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 50155
Ion Ratio Lower Upper
101 100
85 44.0 0.0 91.8
151 74.3 0.0 137.2

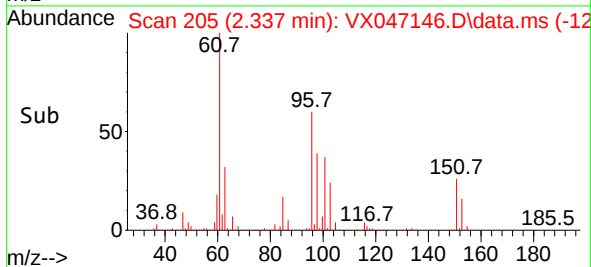
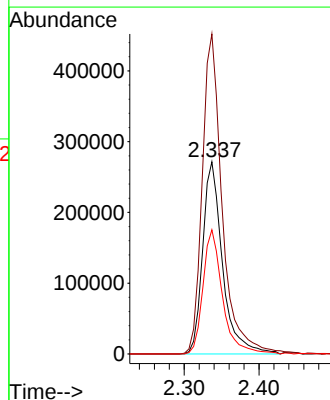
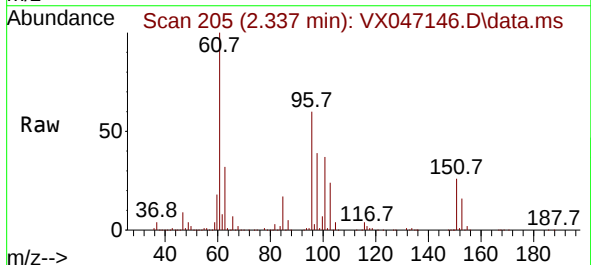
Manual Integrations
APPROVED

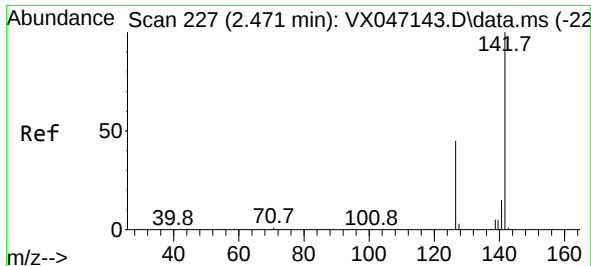
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#10
1,1-Dichloroethene
Concen: 202.423 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

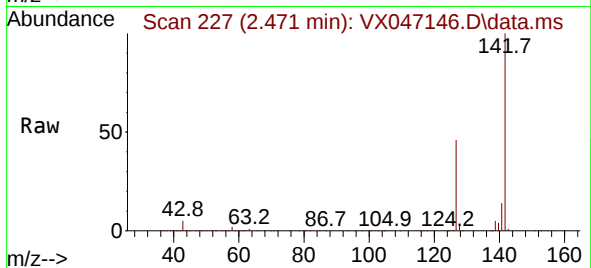
Tgt Ion: 96 Resp: 501513
Ion Ratio Lower Upper
96 100
61 172.5 145.5 218.3
98 63.5 49.5 74.3





#11
Methyl Iodide
Concen: 213.959 ug/l
RT: 2.471 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

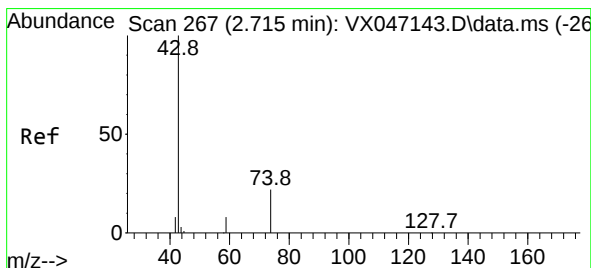
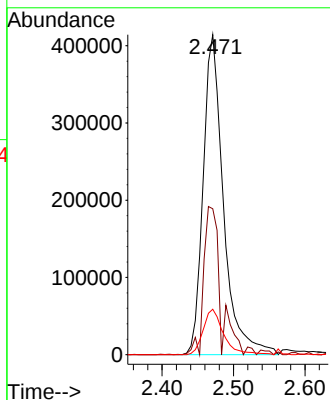
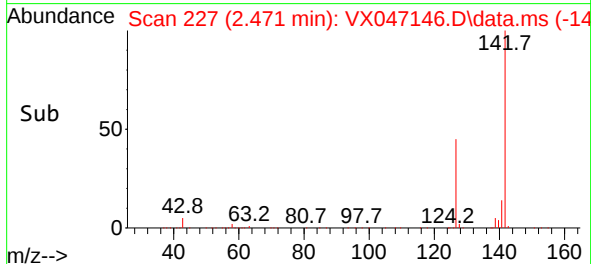
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



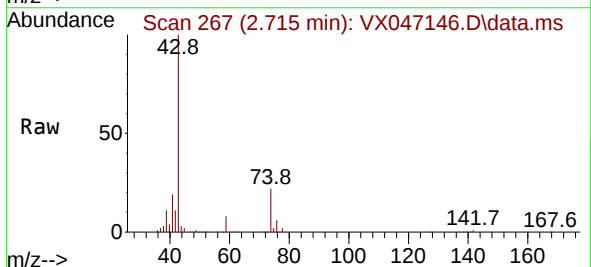
Tgt Ion:142 Resp: 81816
Ion Ratio Lower Upper
142 100
127 47.1 0.9 2.8
141 112.2 55.5 166.5

Manual Integrations
APPROVED

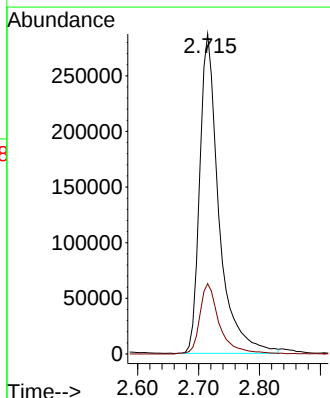
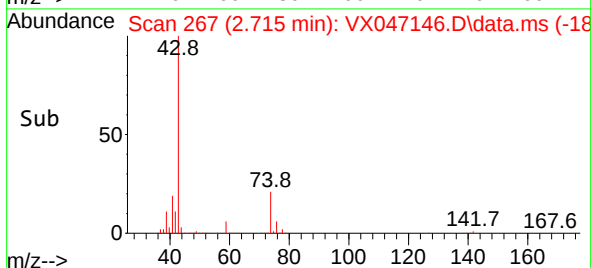
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

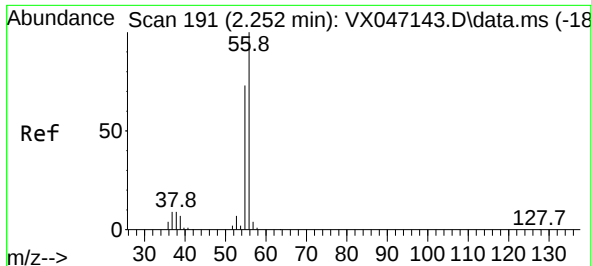


#12
Methyl Acetate
Concen: 204.012 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44



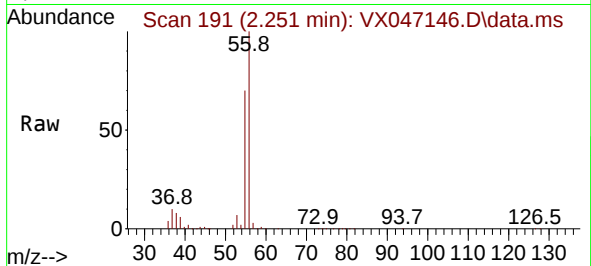
Tgt Ion: 43 Resp: 629133
Ion Ratio Lower Upper
43 100
74 22.0 18.4 27.6





#13
Acrolein
Concen: 1162.188 ug/l
RT: 2.251 min Scan# 191
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

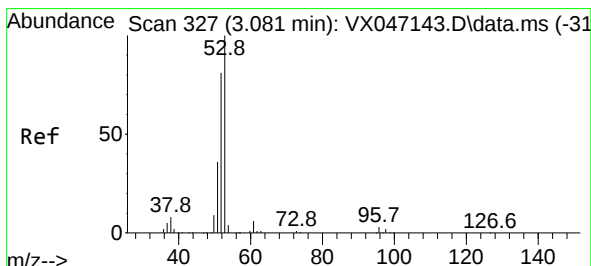
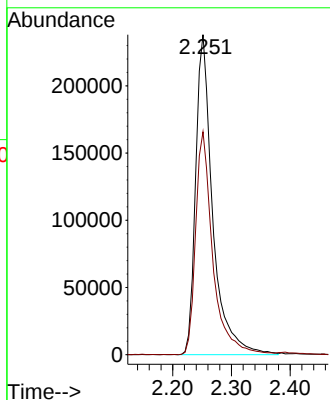
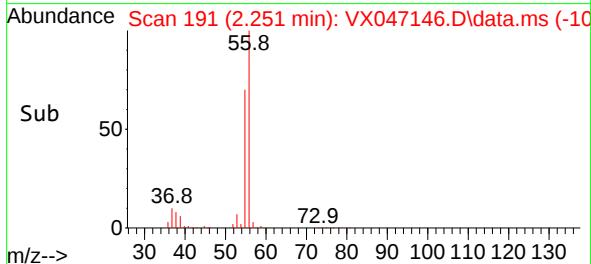
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 479298
Ion Ratio Lower Upper
56 100
55 70.1 56.8 85.2

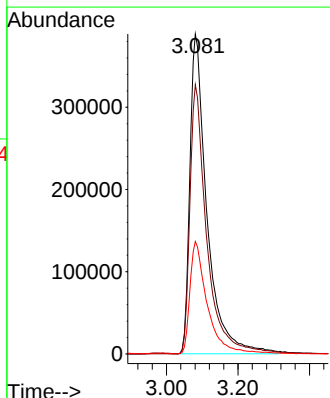
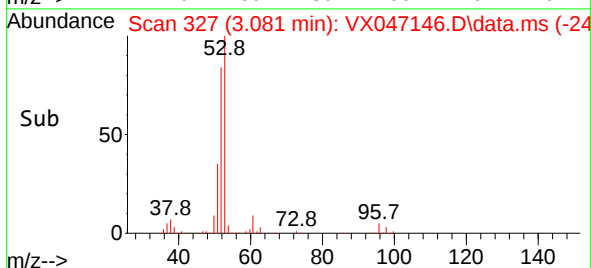
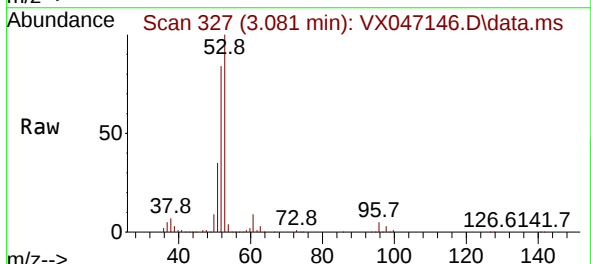
Manual Integrations
APPROVED

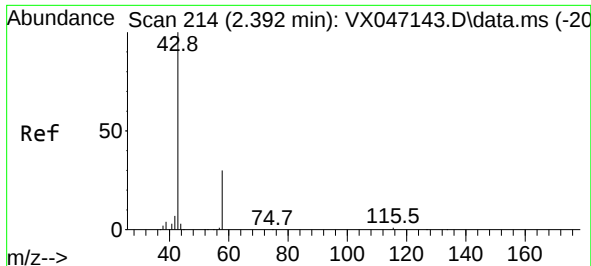
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#14
Acrylonitrile
Concen: 1014.942 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

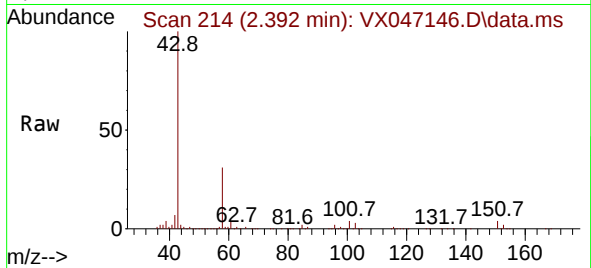
Tgt Ion: 53 Resp: 1291736
Ion Ratio Lower Upper
53 100
52 82.8 41.3 123.7
51 34.4 17.2 51.5





#15
Acetone
Concen: 993.113 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

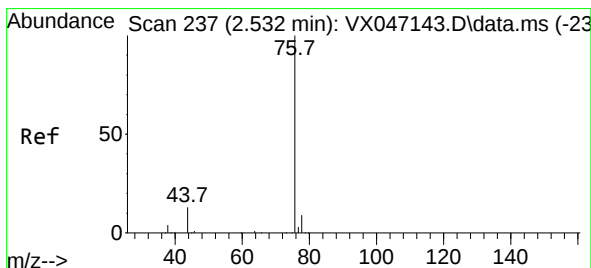
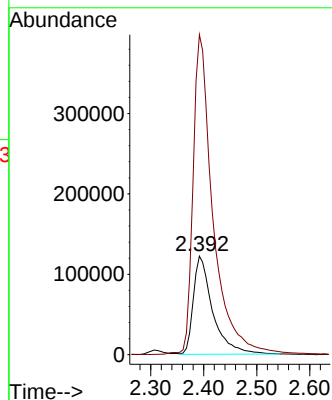
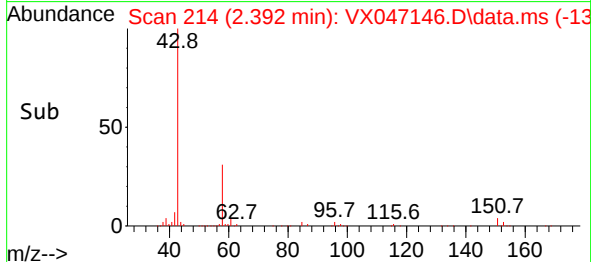
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 58 Resp: 310288
Ion Ratio Lower Upper
58 100
43 324.0 266.9 400.3

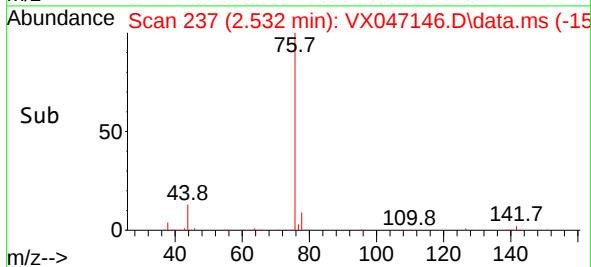
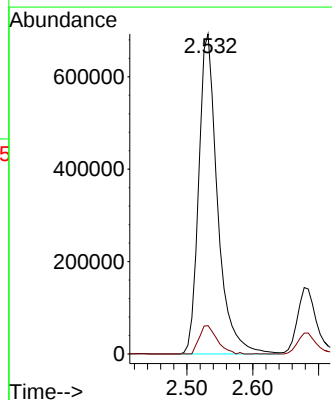
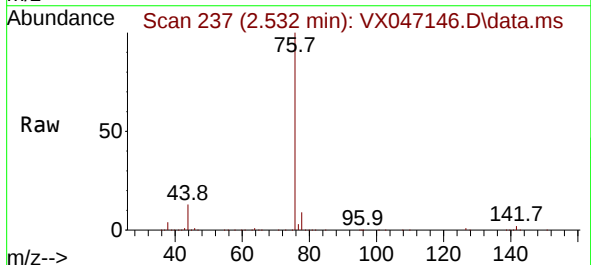
Manual Integrations
APPROVED

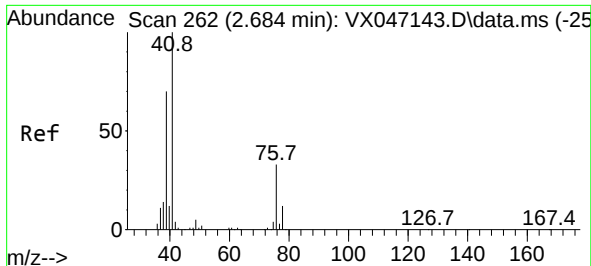
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#16
Carbon Disulfide
Concen: 191.379 ug/l
RT: 2.532 min Scan# 237
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 76 Resp: 1374585
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7





#17

Allyl chloride

Concen: 203.573 ug/l

RT: 2.678 min Scan# 2

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 41 Resp: 86166

Ion Ratio Lower Upper

41 100

39 71.1 34.3 102.8

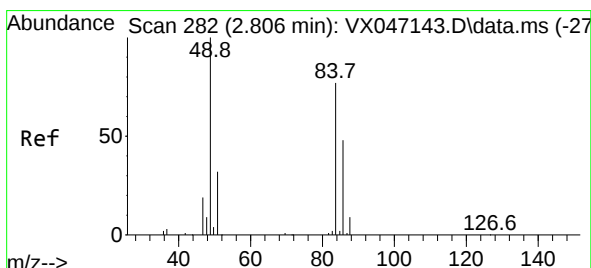
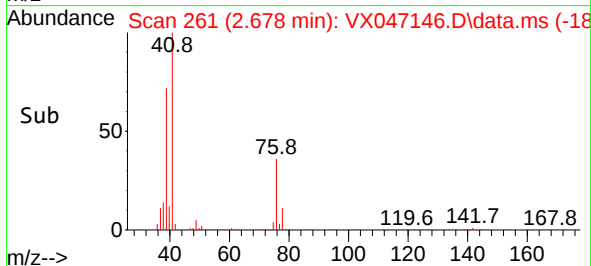
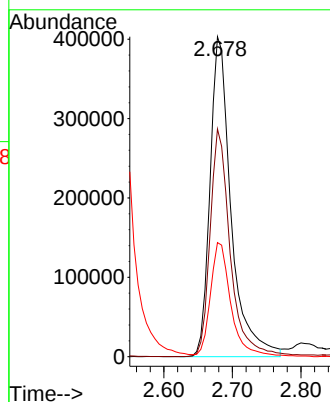
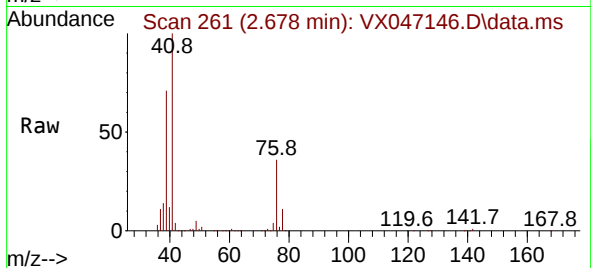
76 35.1 16.7 50.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#18

Methylene Chloride

Concen: 197.237 ug/l

RT: 2.806 min Scan# 282

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Tgt Ion: 84 Resp: 527400

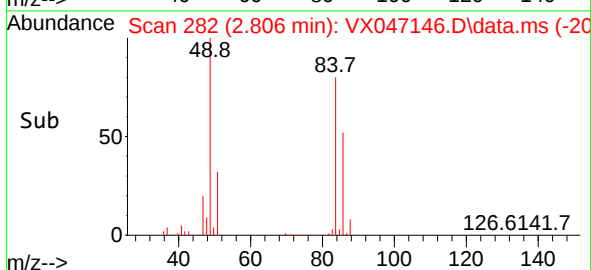
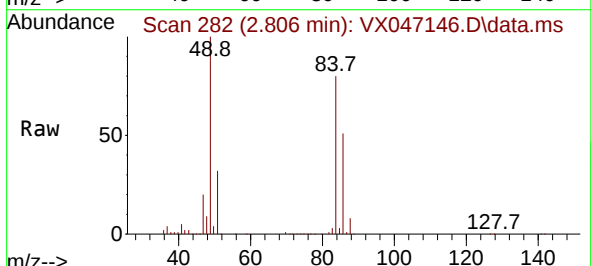
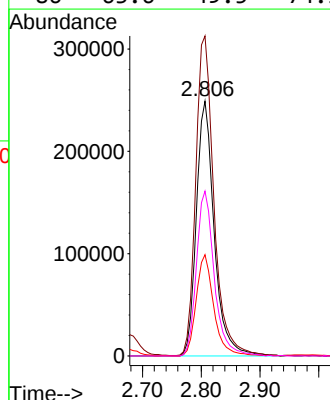
Ion Ratio Lower Upper

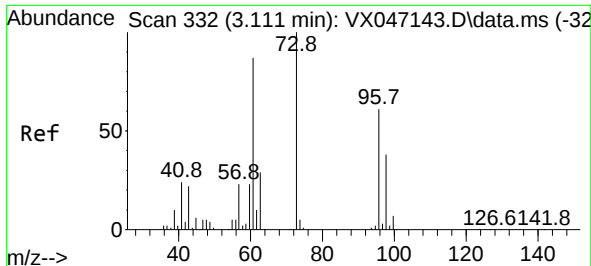
84 100

49 126.7 107.9 161.9

51 38.9 33.4 50.2

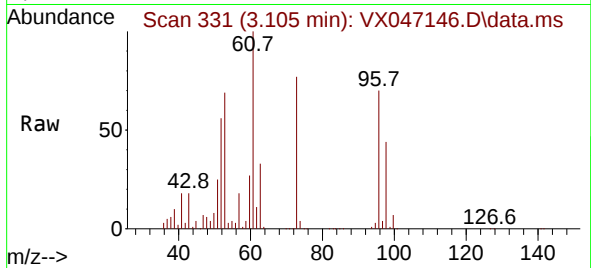
86 63.6 49.5 74.3





#19
trans-1,2-Dichloroethene
Concen: 195.721 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

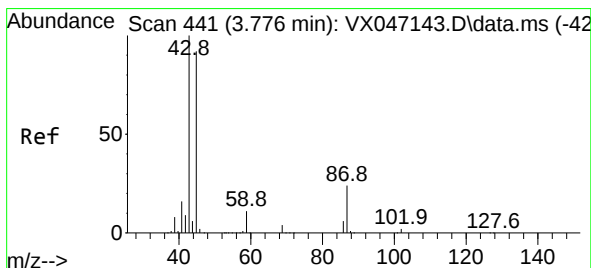
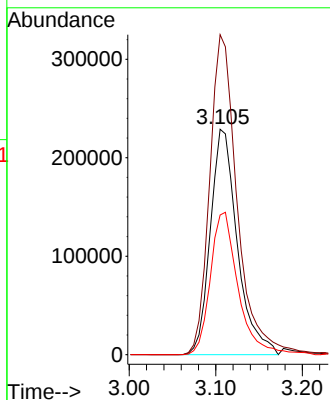
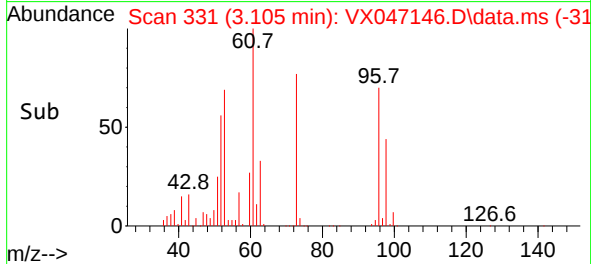
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 96 Resp: 496598
Ion Ratio Lower Upper
96 100
61 150.1 122.3 183.5
98 59.0 50.2 75.2

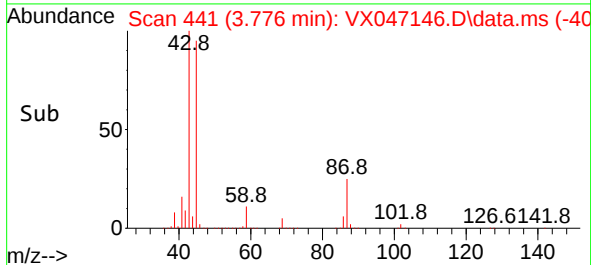
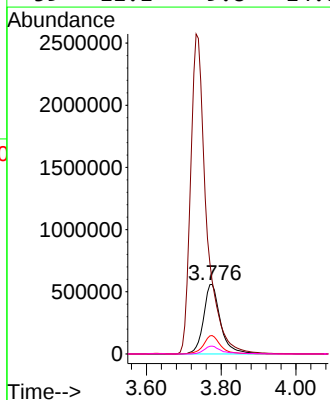
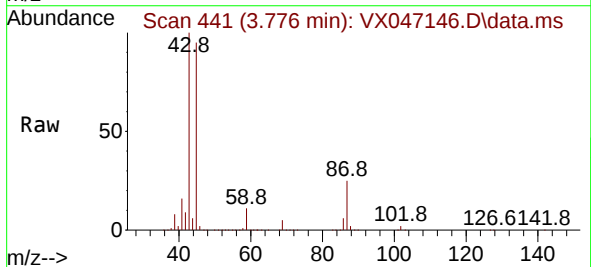
Manual Integrations
APPROVED

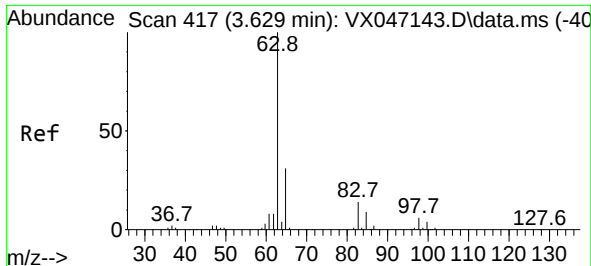
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#20
Diisopropyl ether
Concen: 194.169 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

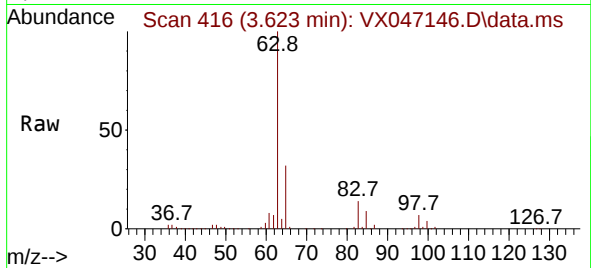
Tgt Ion: 45 Resp: 1757421
Ion Ratio Lower Upper
45 100
43 104.5 89.1 133.7
87 26.5 21.3 31.9
59 11.1 9.8 14.8





#21
1,1-Dichloroethane
Concen: 197.939 ug/l
RT: 3.623 min Scan# 417
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

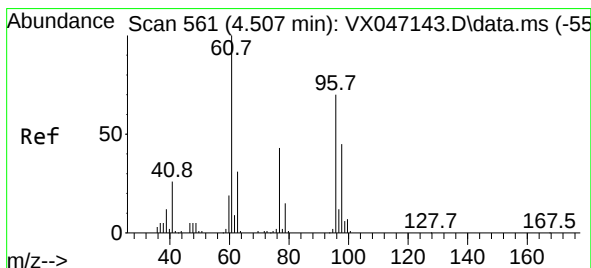
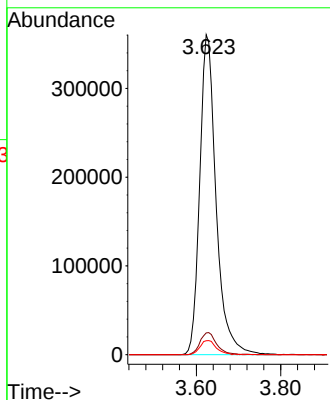
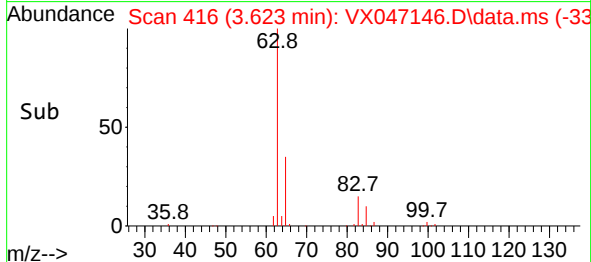
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 63 Resp: 975088
Ion Ratio Lower Upper
63 100
98 7.4 3.5 10.5
100 4.5 2.2 6.6

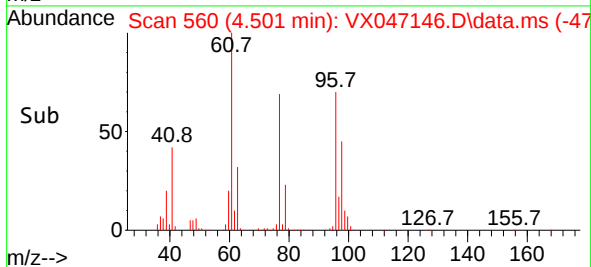
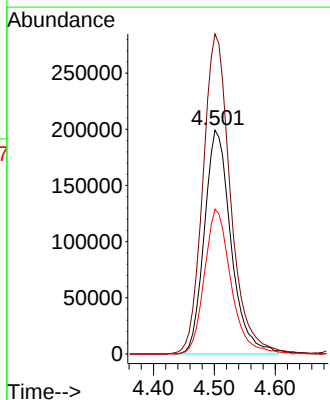
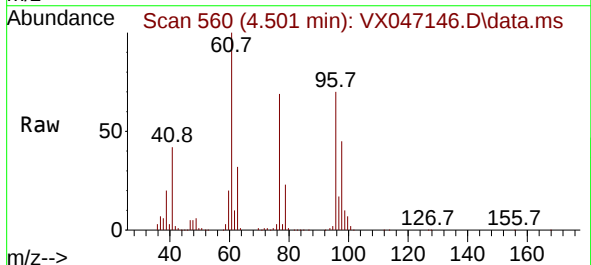
Manual Integrations
APPROVED

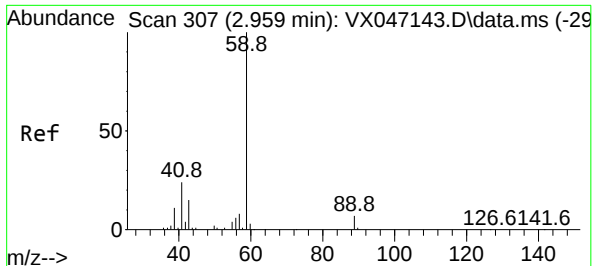
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#22
cis-1,2-Dichloroethene
Concen: 195.779 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

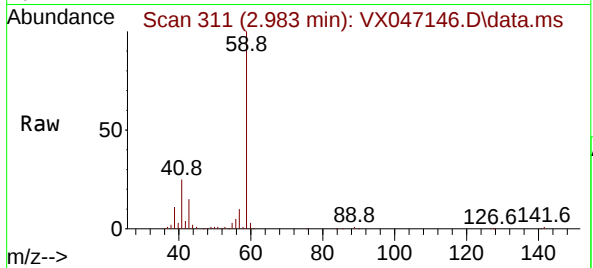
Tgt Ion: 96 Resp: 606568
Ion Ratio Lower Upper
96 100
61 147.9 120.0 180.0
98 64.3 52.8 79.2





#23
tert-Butyl Alcohol
Concen: 988.660 ug/l
RT: 2.983 min Scan# 311
Delta R.T. 0.024 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

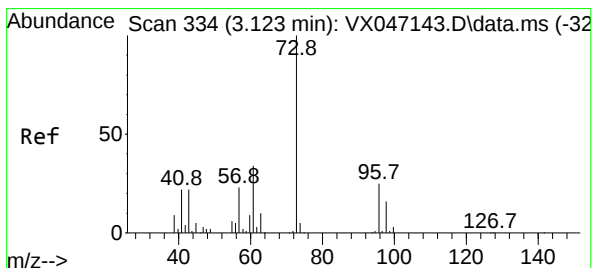
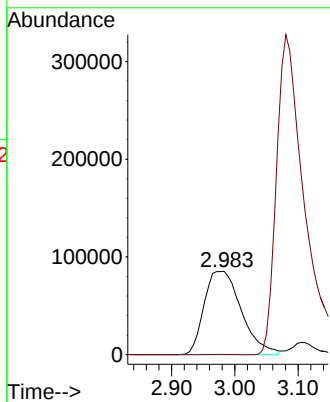
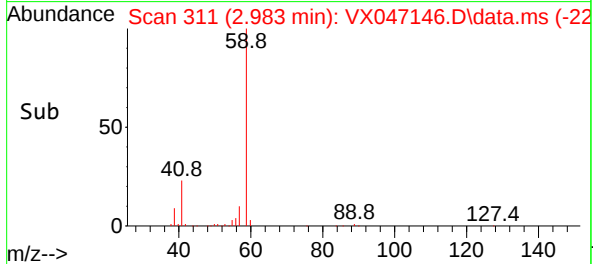
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 349328
Ion Ratio Lower Upper
59 100
52 0.2 0.2 0.2

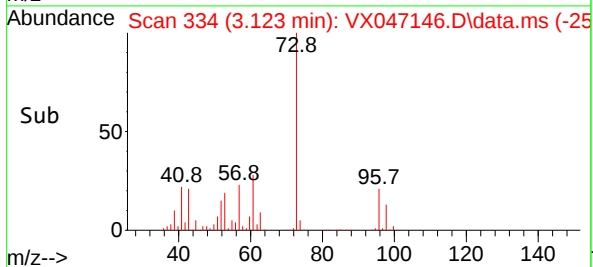
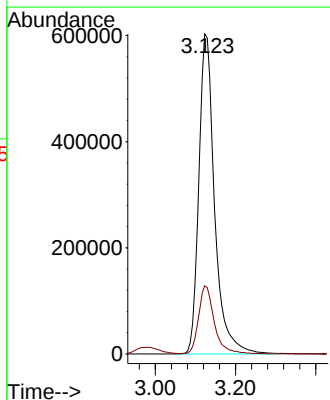
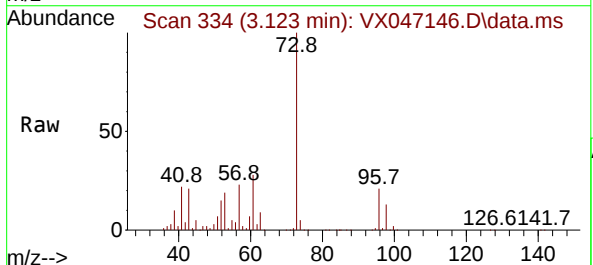
Manual Integrations
APPROVED

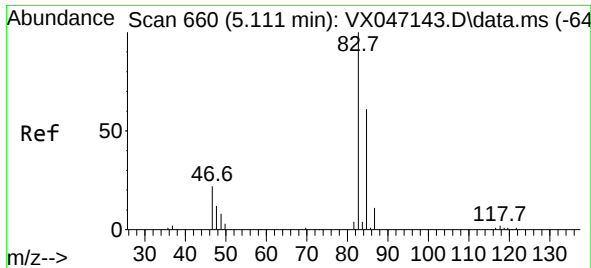
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#24
Methyl tert-Butyl Ether
Concen: 198.542 ug/l
RT: 3.123 min Scan# 334
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 73 Resp: 1647605
Ion Ratio Lower Upper
73 100
43 20.9 16.9 25.3





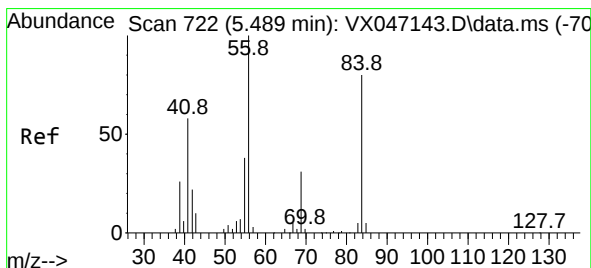
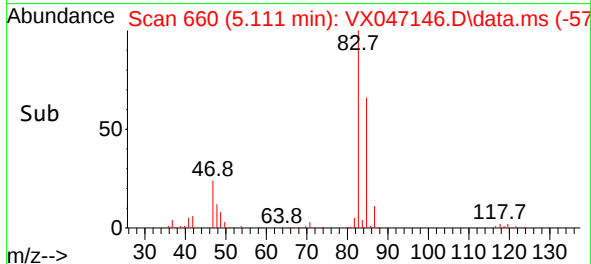
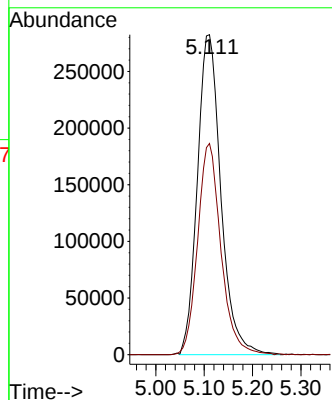
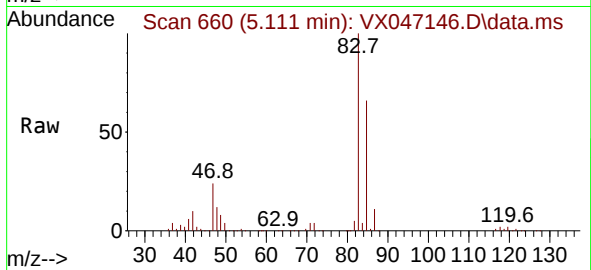
#25
Chloroform
Concen: 196.998 ug/l
RT: 5.111 min Scan# 60
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 83 Resp: 955460
Ion Ratio Lower Upper
83 100
85 64.4 48.0 72.0

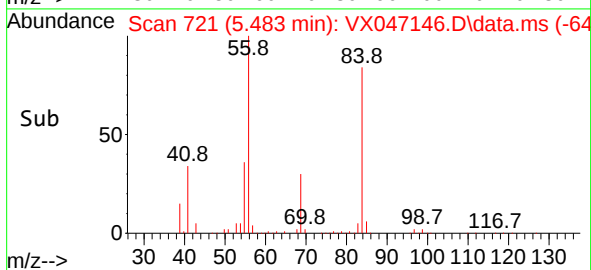
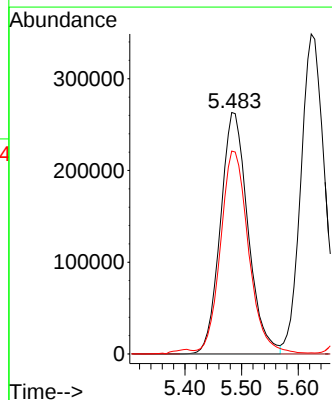
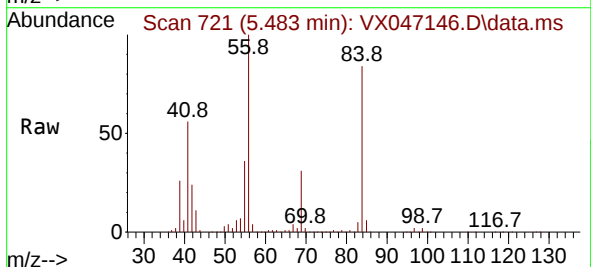
Manual Integrations
APPROVED

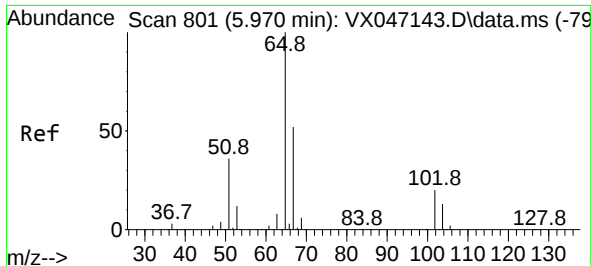
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#26
Cyclohexane
Concen: 185.896 ug/l
RT: 5.483 min Scan# 721
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 56 Resp: 889203
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.1 67.9 101.9





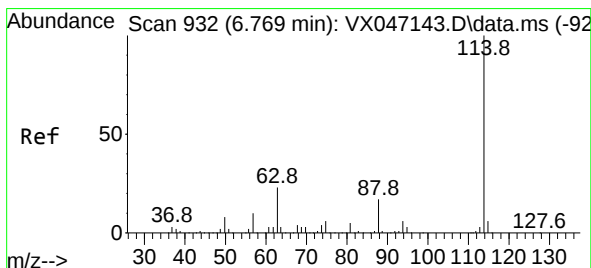
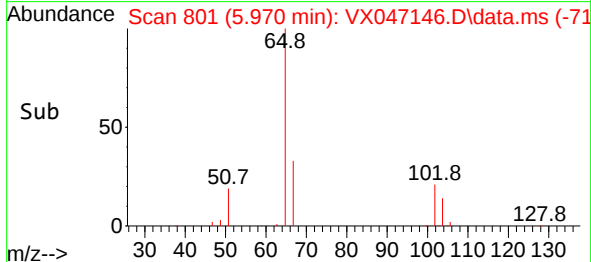
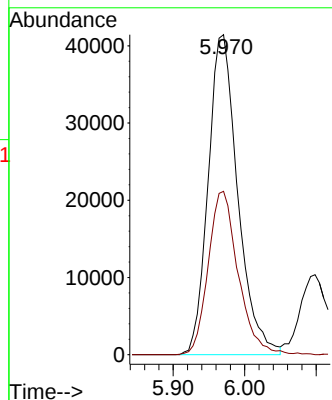
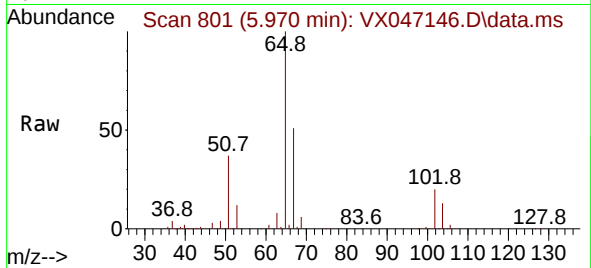
#27
1,2-Dichloroethane-d4
Concen: 38.493 ug/l
RT: 5.970 min Scan# 801
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 65 Resp: 119058
Ion Ratio Lower Upper
65 100
67 51.6 40.7 61.1

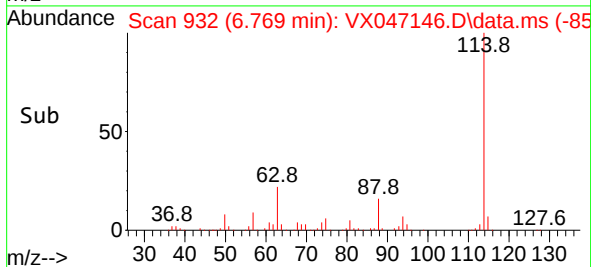
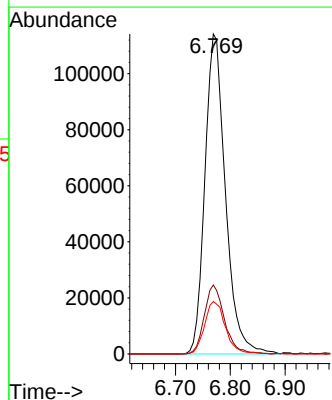
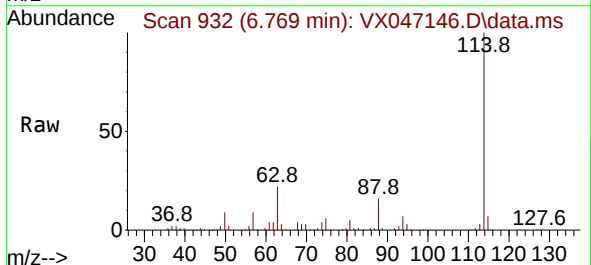
Manual Integrations
APPROVED

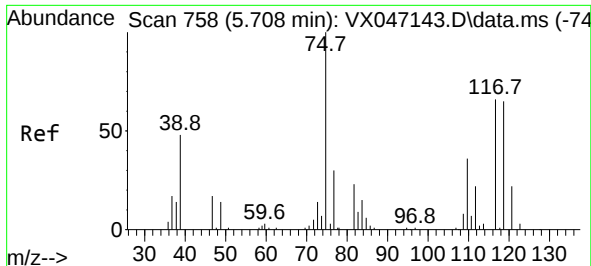
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

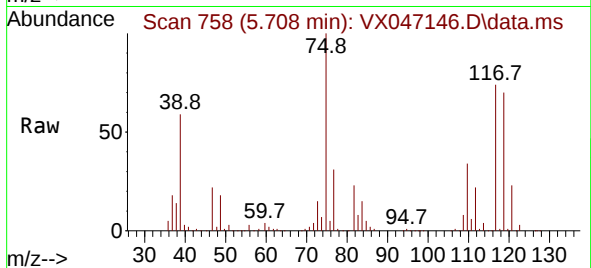
Tgt Ion:114 Resp: 296252
Ion Ratio Lower Upper
114 100
63 21.2 17.4 26.0
88 16.7 13.0 19.6





#29
1,1-Dichloropropene
Concen: 147.078 ug/l
RT: 5.708 min Scan# 758
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

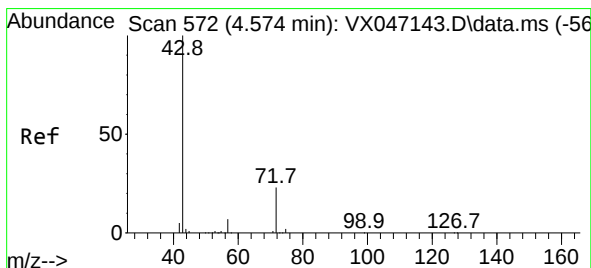
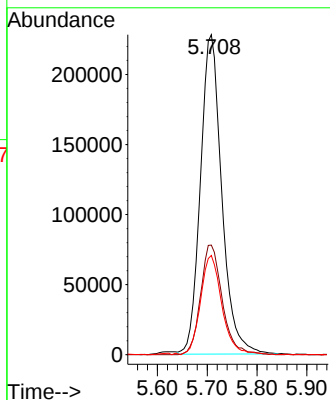
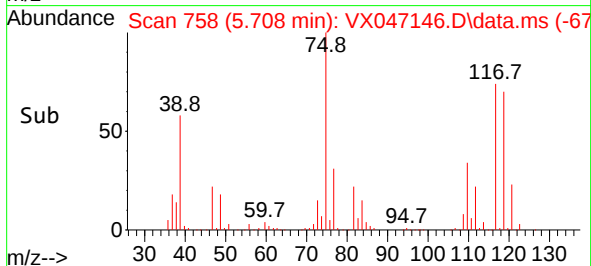
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 678630
Ion Ratio Lower Upper
75 100
110 34.8 0.0 70.8
77 30.7 0.0 61.6

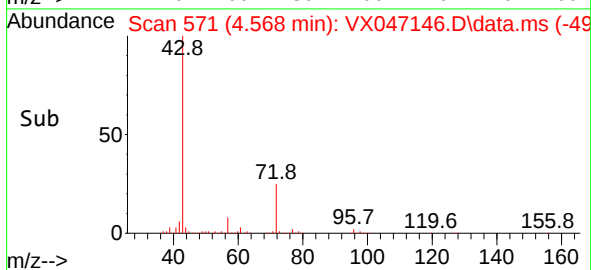
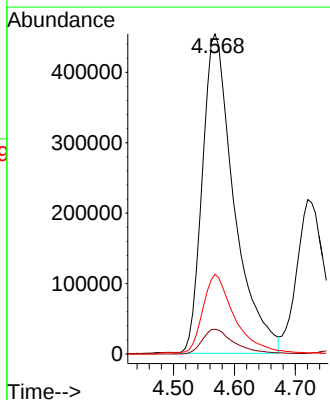
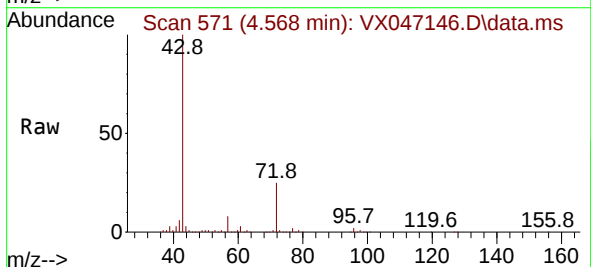
Manual Integrations
APPROVED

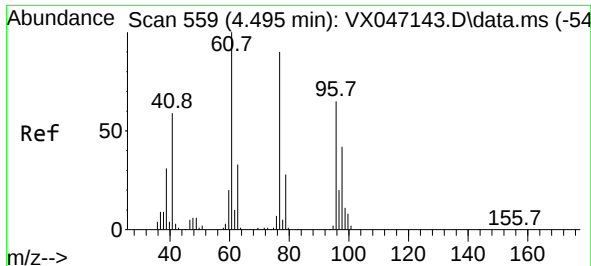
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#30
2-Butanone
Concen: 751.872 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 43 Resp: 1638631
Ion Ratio Lower Upper
43 100
57 7.9 5.9 8.9
72 24.1 20.2 30.2





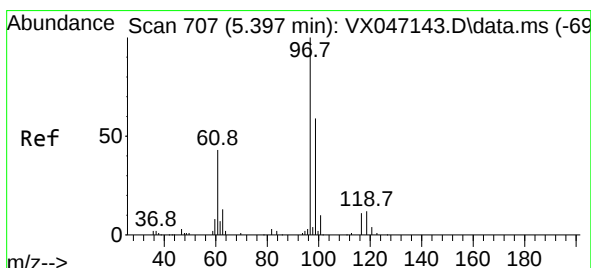
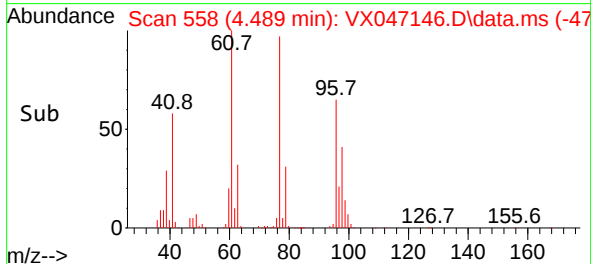
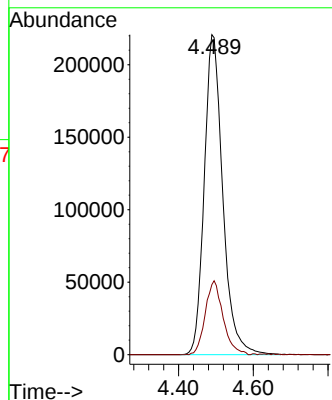
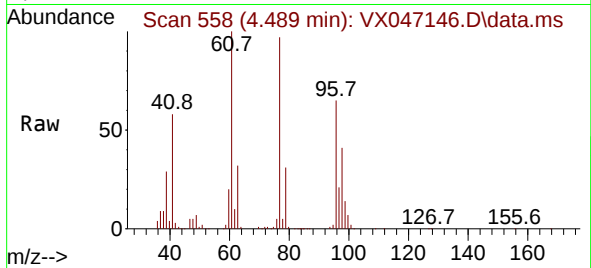
#31
2,2-Dichloropropane
Concen: 152.965 ug/l
RT: 4.489 min Scan# 559
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 77 Resp: 75782
Ion Ratio Lower Upper
77 100
97 22.3 14.5 21.7

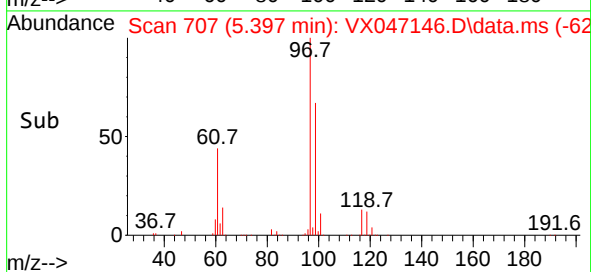
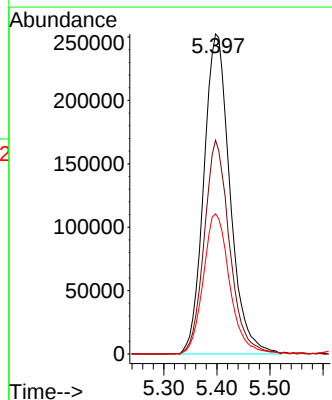
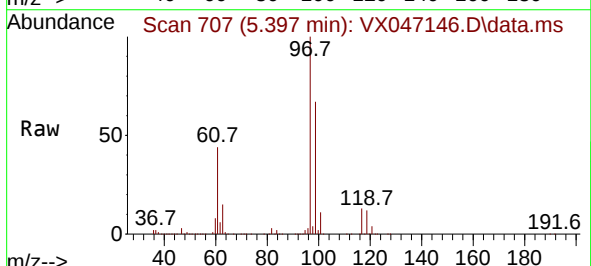
Manual Integrations
APPROVED

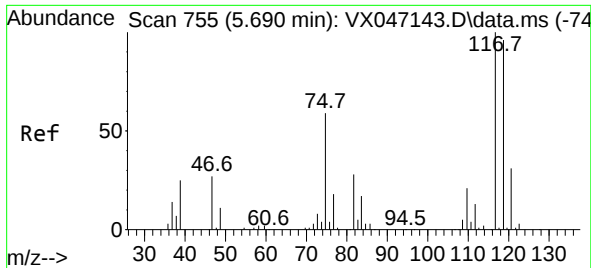
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#32
1,1,1-Trichloroethane
Concen: 151.408 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

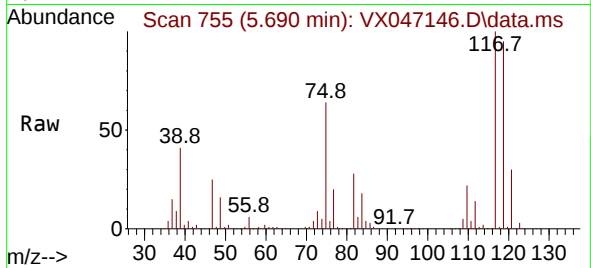
Tgt Ion: 97 Resp: 865103
Ion Ratio Lower Upper
97 100
99 64.6 30.0 45.0#
61 44.3 36.1 54.1





#33
Carbon Tetrachloride
Concen: 169.709 ug/l m
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

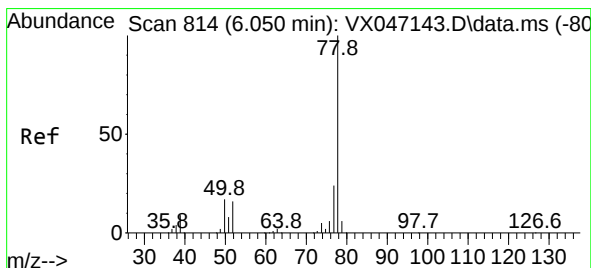
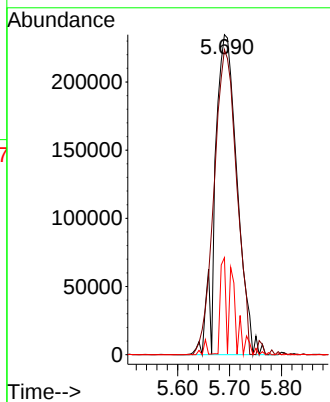
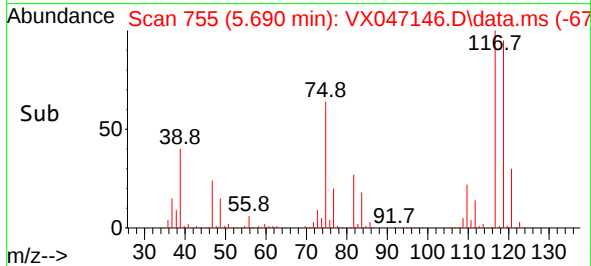
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 686108
Ion Ratio Lower Upper
117 100
119 95.4 76.5 114.7
121 30.3 0.5 0.7

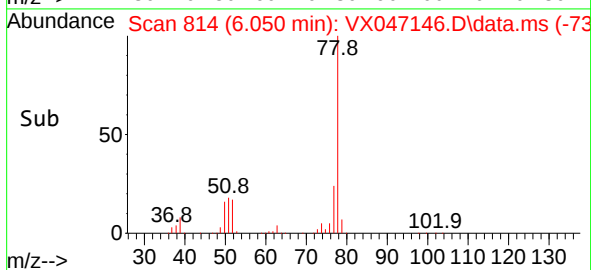
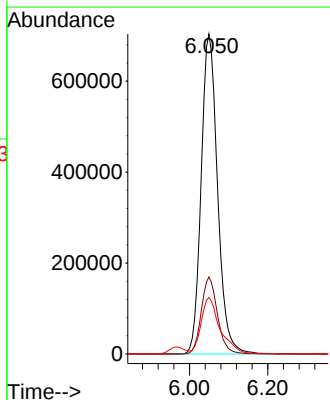
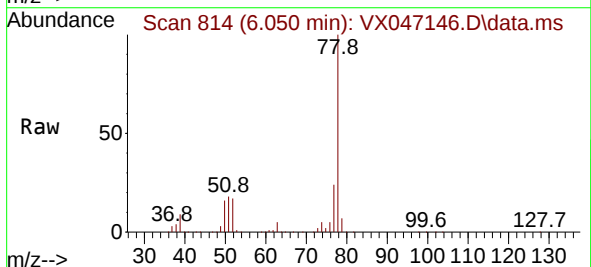
Manual Integrations
APPROVED

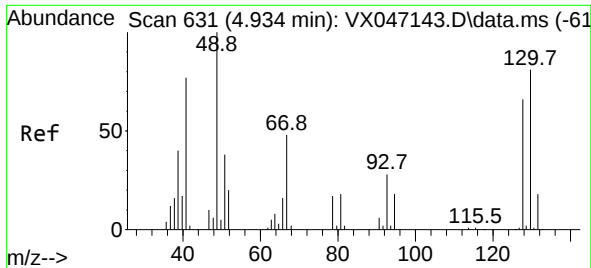
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#34
Benzene
Concen: 149.921 ug/l
RT: 6.050 min Scan# 814
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

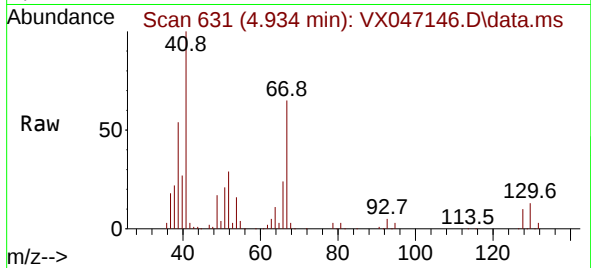
Tgt Ion: 78 Resp: 2042243
Ion Ratio Lower Upper
78 100
77 22.5 17.6 26.4
51 16.5 13.8 20.6





#35
Methacrylonitrile
Concen: 151.240 ug/l
RT: 4.934 min Scan# 631
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

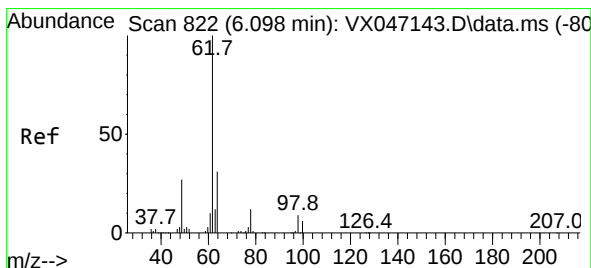
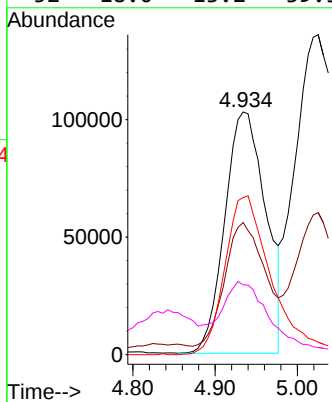
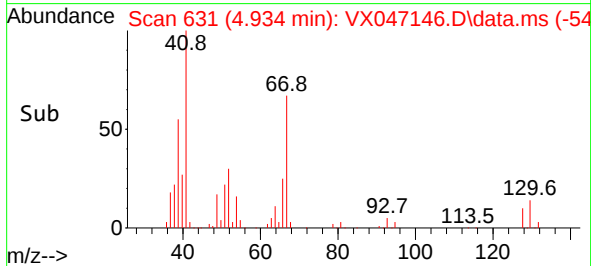
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 356310
Ion Ratio Lower Upper
41 100
39 50.4 26.2 78.5
67 65.1 31.4 94.3
52 18.0 13.2 39.5

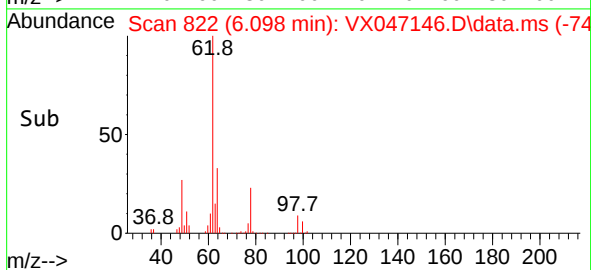
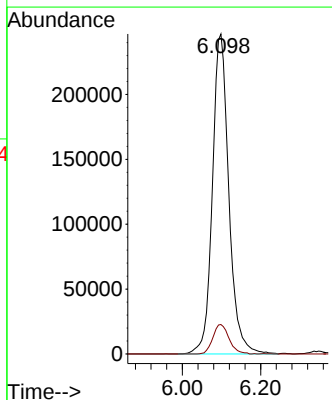
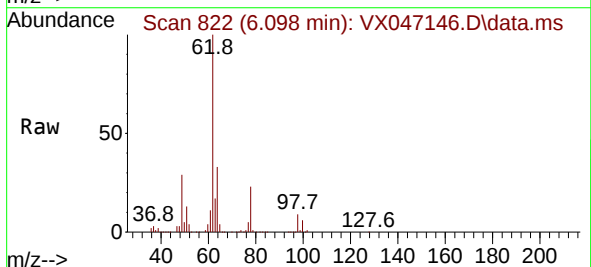
Manual Integrations
APPROVED

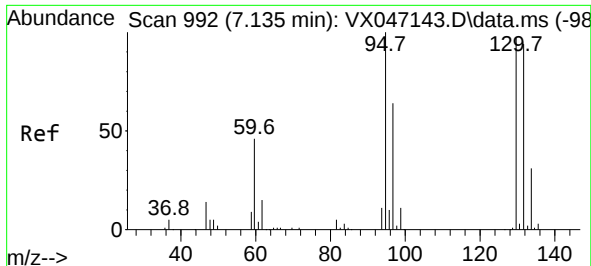
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#36
1,2-Dichloroethane
Concen: 146.570 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 62 Resp: 717016
Ion Ratio Lower Upper
62 100
98 9.1 6.7 10.1





#37

Trichloroethene

Concen: 152.982 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:130 Resp: 52444

Ion Ratio Lower Upper

130 100

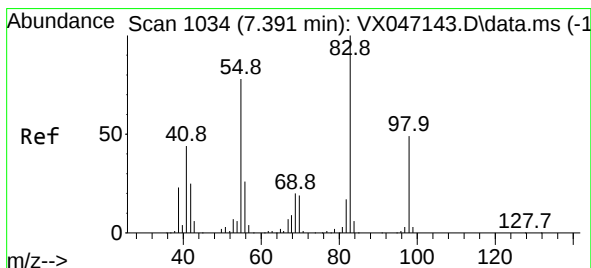
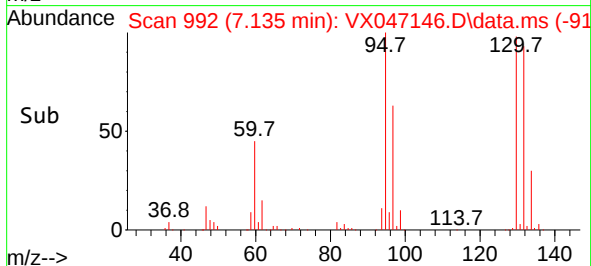
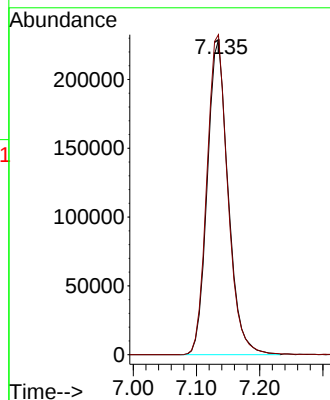
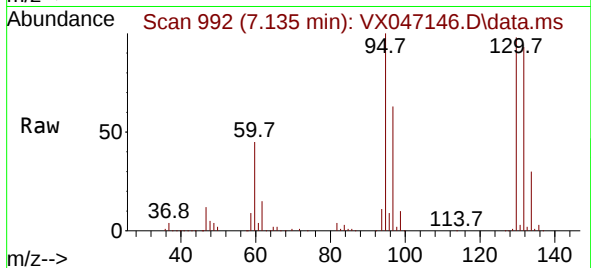
95 101.7 79.4 119.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#38

Methylcyclohexane

Concen: 150.028 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

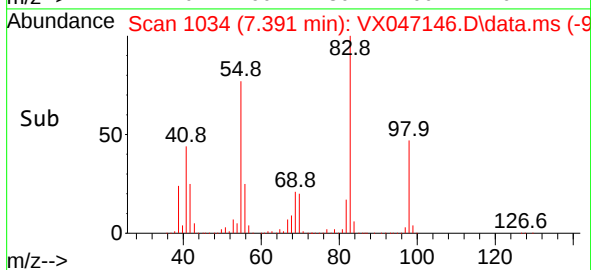
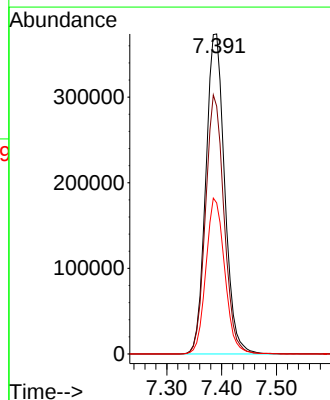
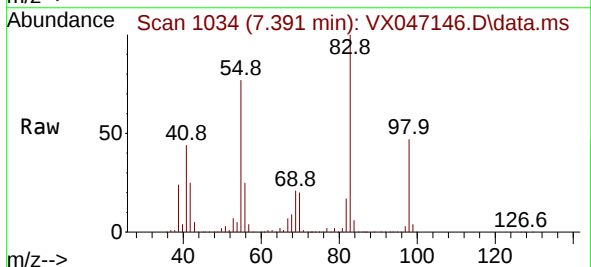
Tgt Ion: 83 Resp: 892450

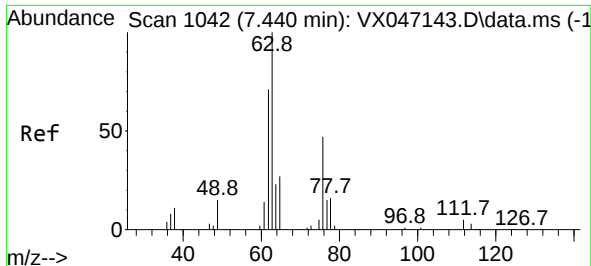
Ion Ratio Lower Upper

83 100

55 79.4 40.3 120.8

98 48.4 24.3 72.9





#39

1,2-Dichloropropane

Concen: 148.585 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 51891

Ion Ratio Lower Upper

63 100

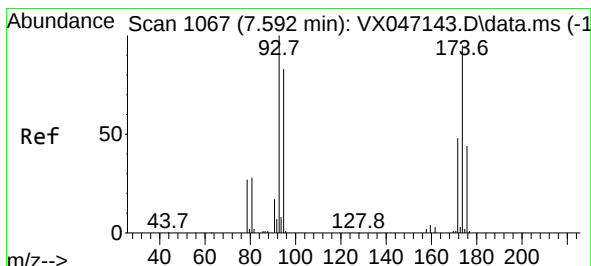
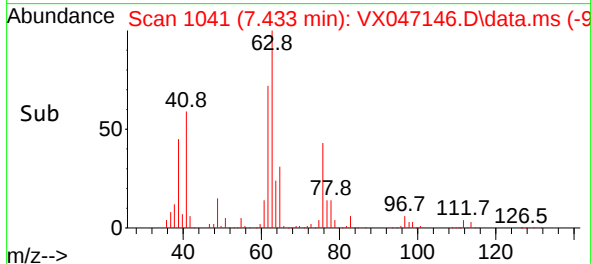
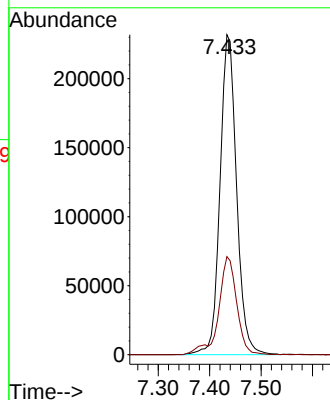
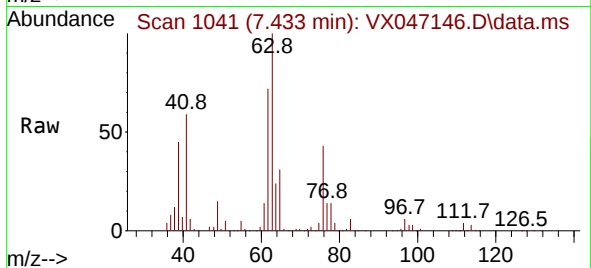
65 24.7 19.8 29.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#40

Dibromomethane

Concen: 153.615 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

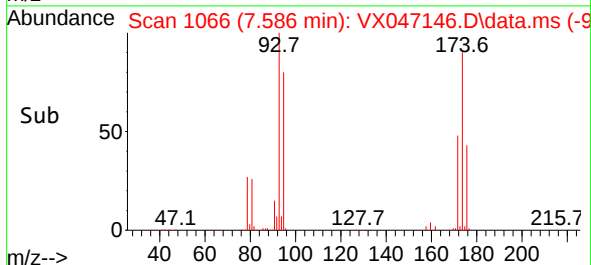
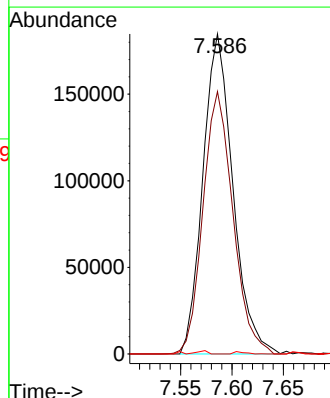
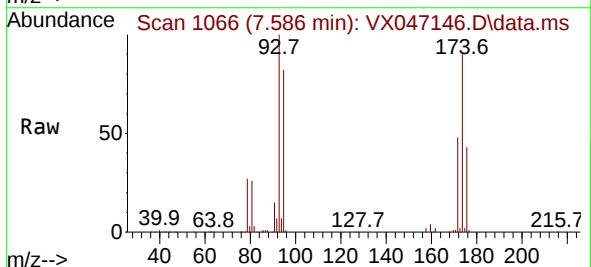
Tgt Ion: 93 Resp: 374220

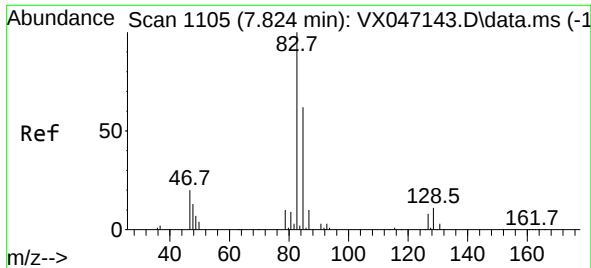
Ion Ratio Lower Upper

93 100

95 82.0 0.0 166.2

174 0.4 0.0 26.4





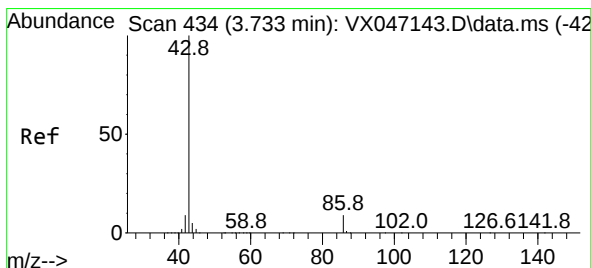
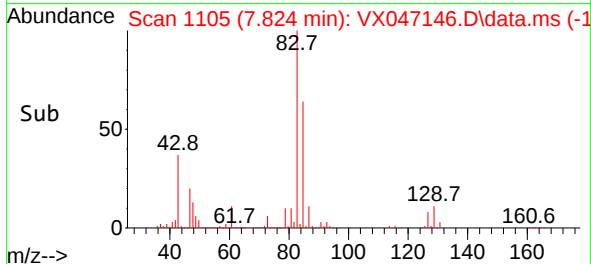
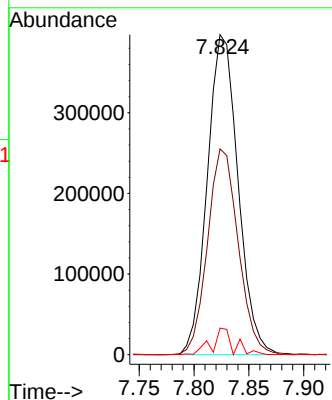
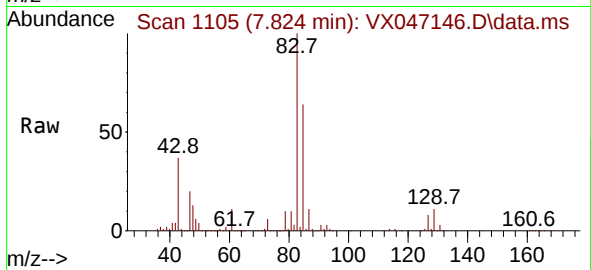
#41
Bromodichloromethane
Concen: 151.900 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 77436
Ion Ratio Lower Upper
83 100
85 63.4 47.2 70.8
127 9.0 7.1 10.7

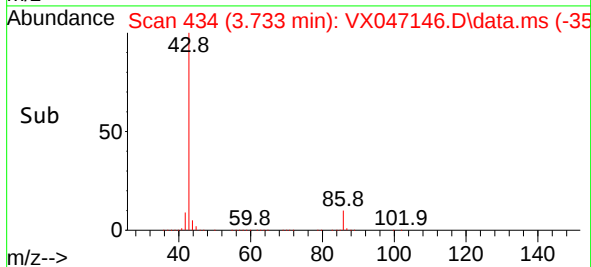
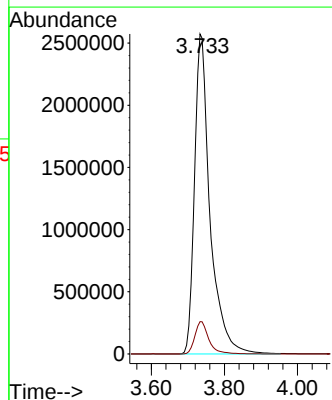
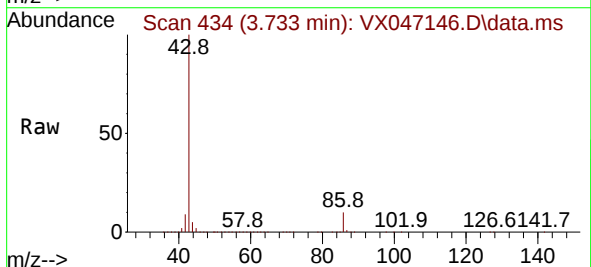
Manual Integrations
APPROVED

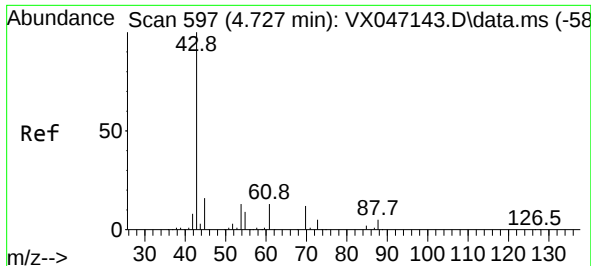
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#42
Vinyl Acetate
Concen: 757.550 ug/l
RT: 3.733 min Scan# 434
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

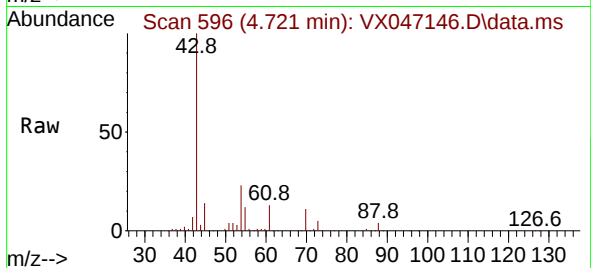
Tgt Ion: 43 Resp: 7589838
Ion Ratio Lower Upper
43 100
86 9.1 6.9 10.3





#43
Ethyl Acetate
Concen: 151.947 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

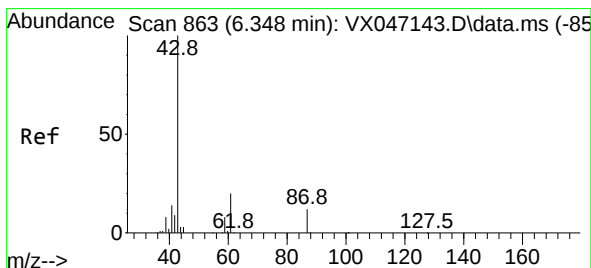
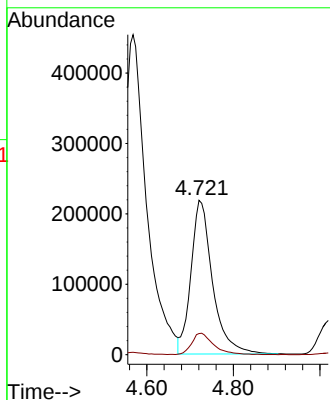
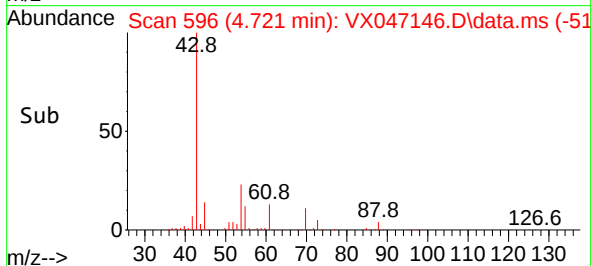
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 755092
Ion Ratio Lower Upper
43 100
45 13.8 10.6 16.0

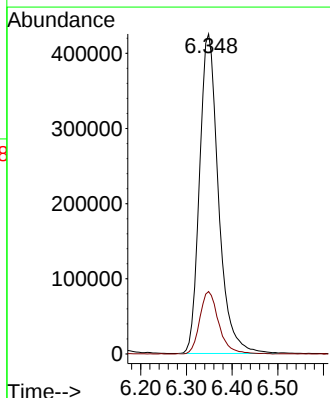
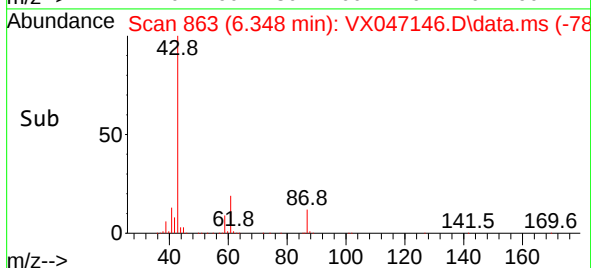
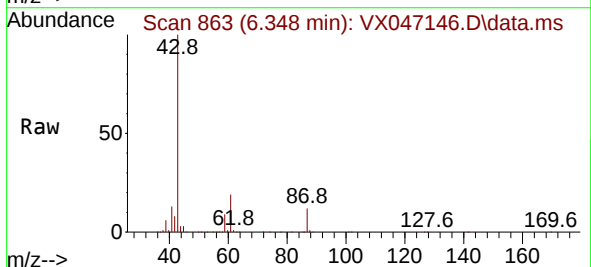
Manual Integrations
APPROVED

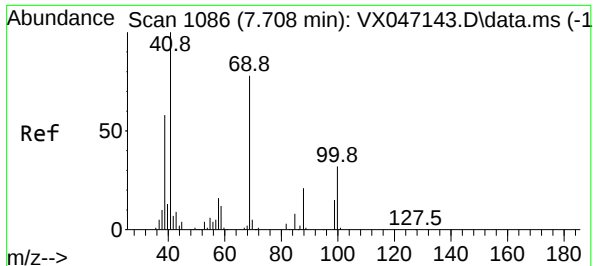
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#44
Isopropyl Acetate
Concen: 156.375 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

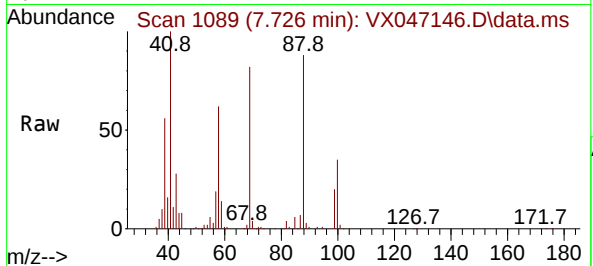
Tgt Ion: 43 Resp: 1222691
Ion Ratio Lower Upper
43 100
61 19.5 14.7 22.1





#45
1,4-Dioxane
Concen: 2471.250 ug/l m
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

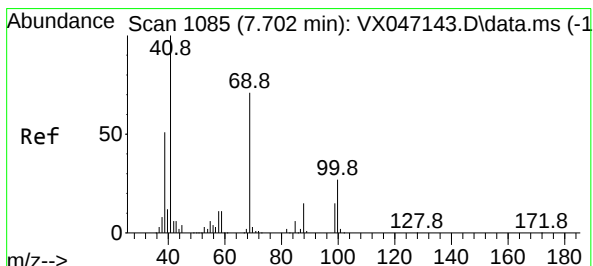
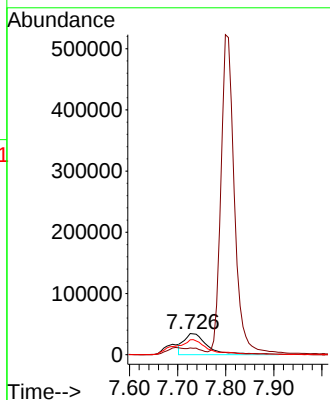
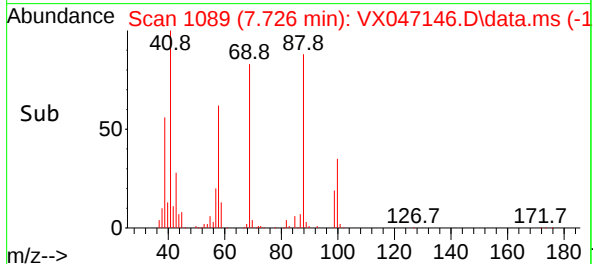
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 88 Resp: 120763
Ion Ratio Lower Upper
88 100
43 23.7 30.2 45.2
58 0.0 33.3 49.9

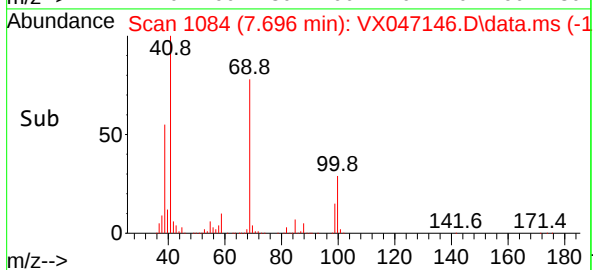
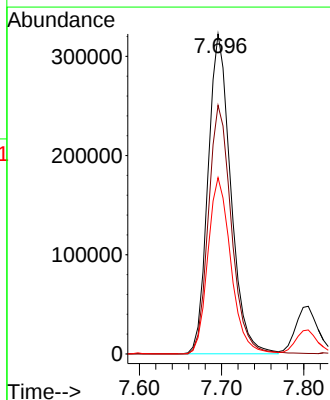
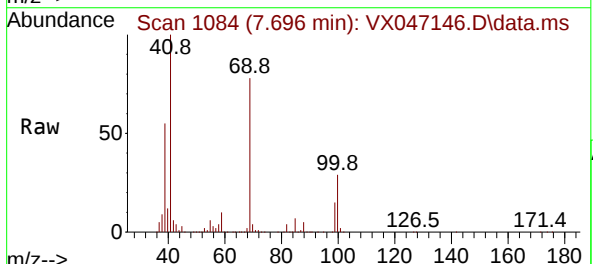
Manual Integrations
APPROVED

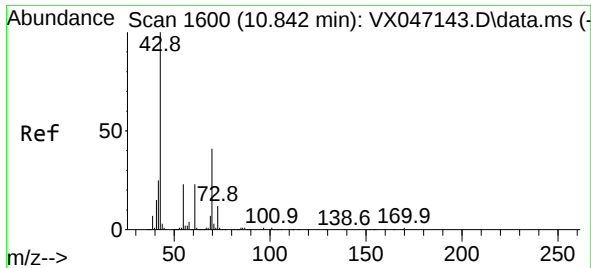
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#46
Methyl methacrylate
Concen: 154.514 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

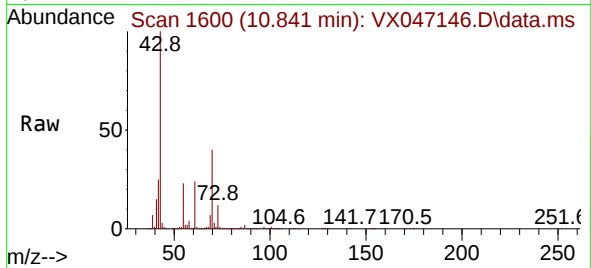
Tgt Ion: 41 Resp: 619950
Ion Ratio Lower Upper
41 100
69 77.8 35.8 107.3
39 54.8 24.4 73.4





#47
n-amy1 Acetate
Concen: 150.564 ug/l
RT: 10.841 min Scan# 102935
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

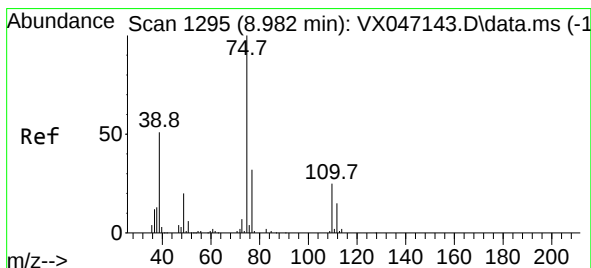
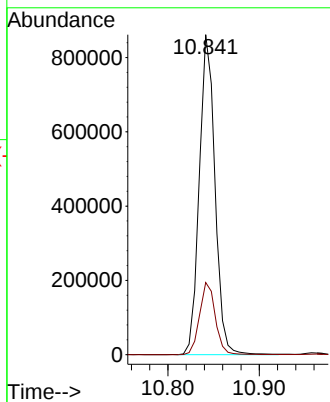
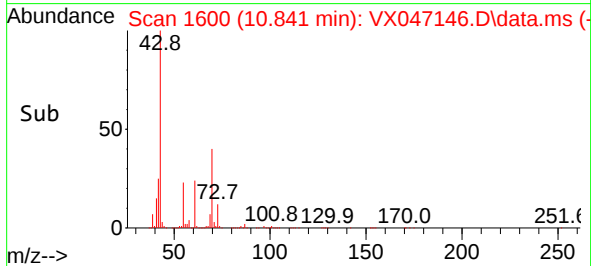
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 102935
Ion Ratio Lower Upper
43 100
55 22.7 18.4 27.6

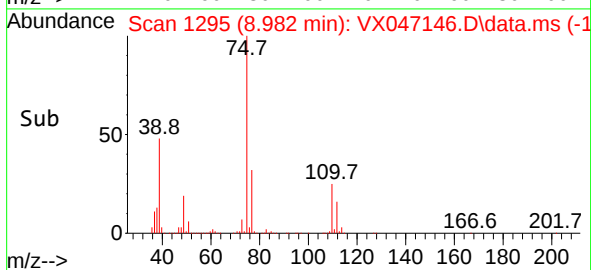
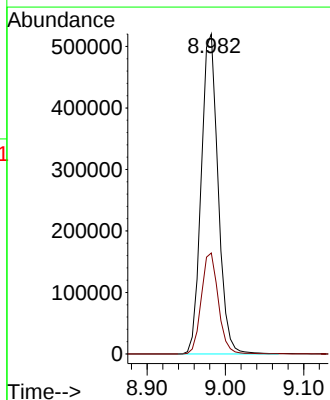
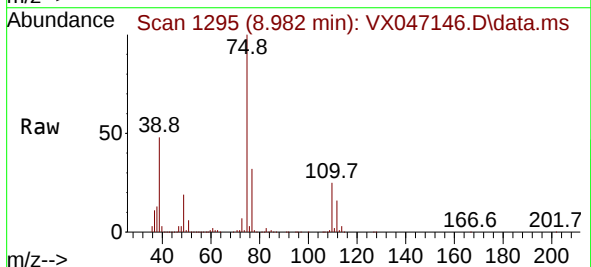
Manual Integrations
APPROVED

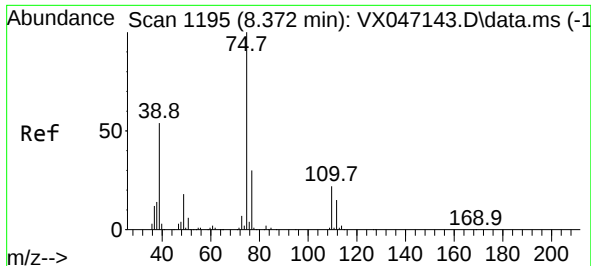
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#48
t-1,3-Dichloropropene
Concen: 157.604 ug/l
RT: 8.982 min Scan# 1295
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 75 Resp: 776532
Ion Ratio Lower Upper
75 100
77 31.5 24.4 36.6





#49

cis-1,3-Dichloropropene

Concen: 153.738 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.006 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 75 Resp: 828580

Ion Ratio Lower Upper

75 100

77 32.8 25.1 37.7

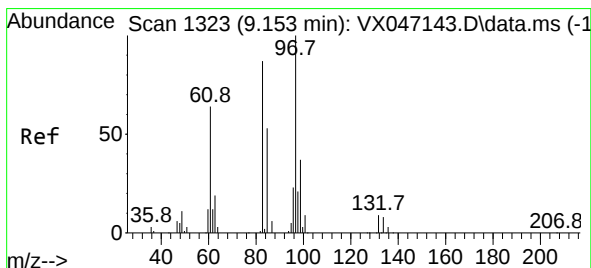
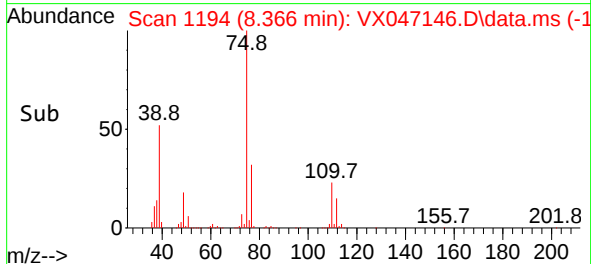
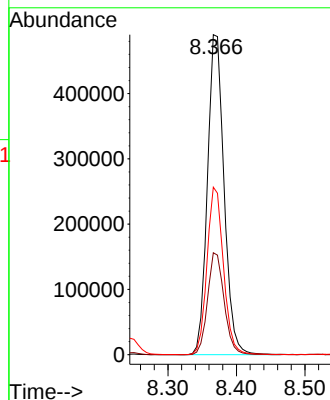
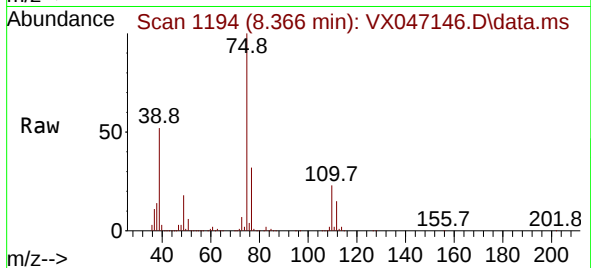
39 52.4 42.7 64.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#50

1,1,2-Trichloroethane

Concen: 145.971 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Tgt Ion: 97 Resp: 472903

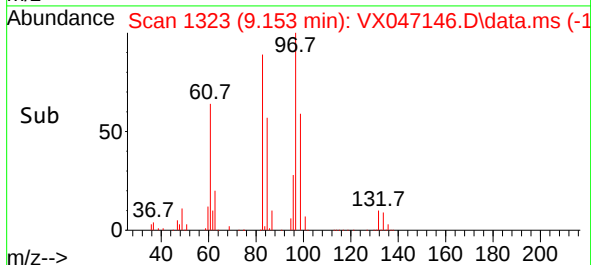
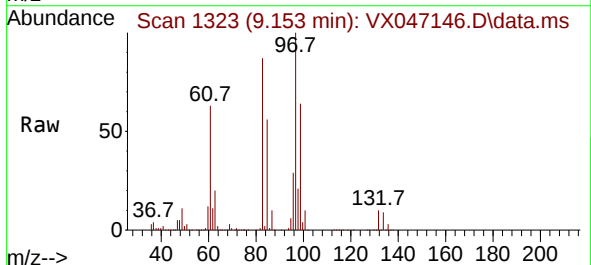
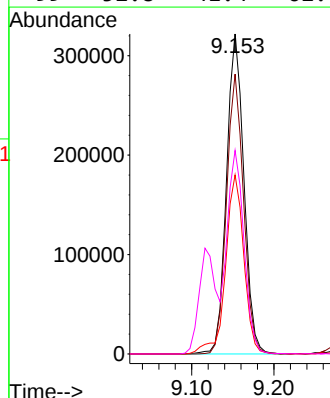
Ion Ratio Lower Upper

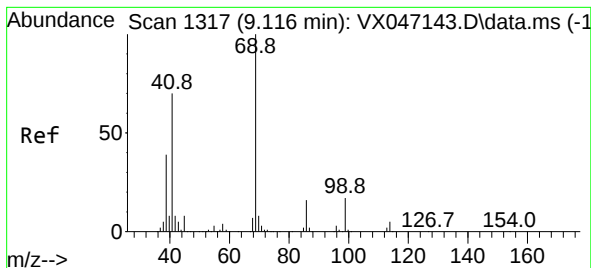
97 100

83 72.6 58.3 87.5

85 46.4 36.5 54.7

99 52.8 41.4 62.0





#51

Ethyl methacrylate

Concen: 154.657 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX047146.D

Acq: 25 Jul 2025 16:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 69 Resp: 816850

Ion Ratio Lower Upper

69 100

41 71.5 35.0 105.1

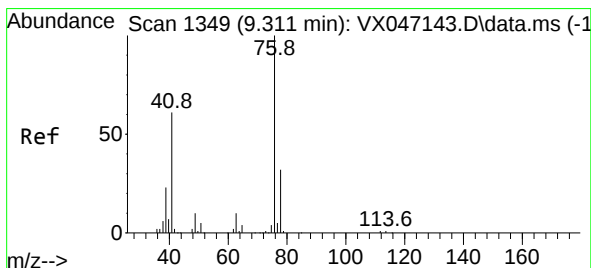
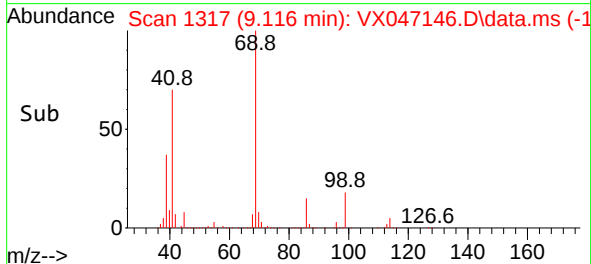
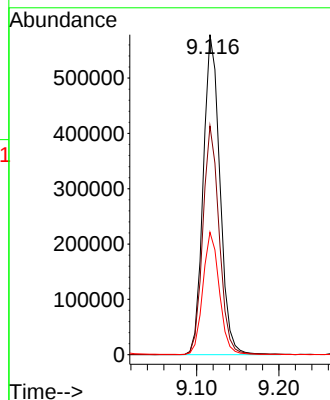
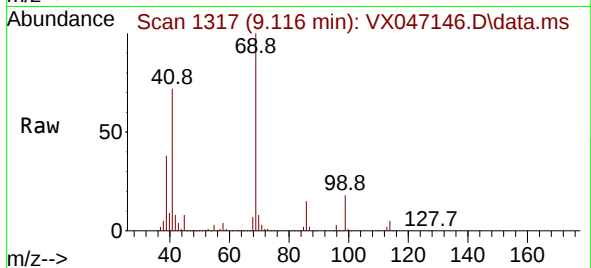
39 38.2 19.5 58.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2025

Supervised By :Mahesh Dadoda 07/28/2025



#52

1,3-Dichloropropane

Concen: 145.405 ug/l

RT: 9.311 min Scan# 1349

Delta R.T. -0.000 min

Lab File: VX047146.D

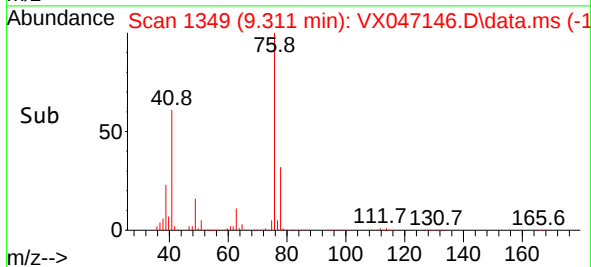
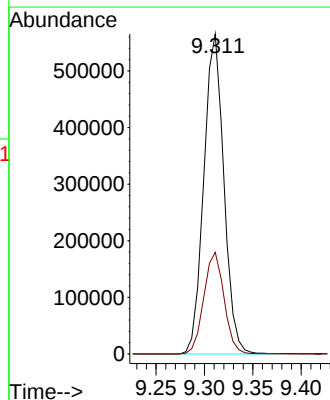
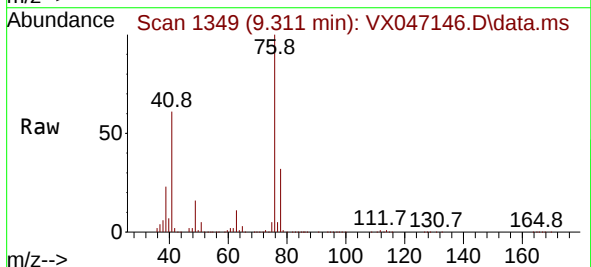
Acq: 25 Jul 2025 16:44

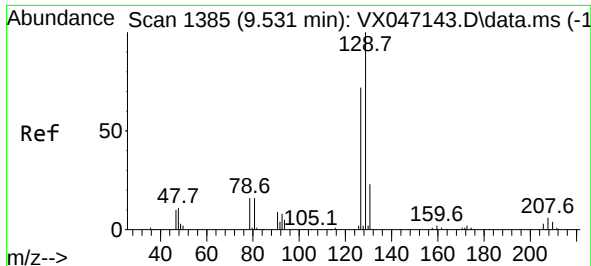
Tgt Ion: 76 Resp: 817236

Ion Ratio Lower Upper

76 100

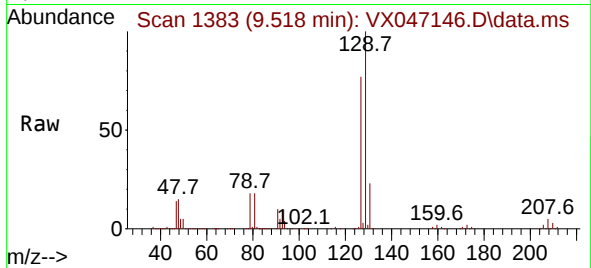
78 32.1 0.0 63.6





#53
Dibromochloromethane
Concen: 210.583 ug/l m
RT: 9.518 min Scan# 1383
Delta R.T. -0.012 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

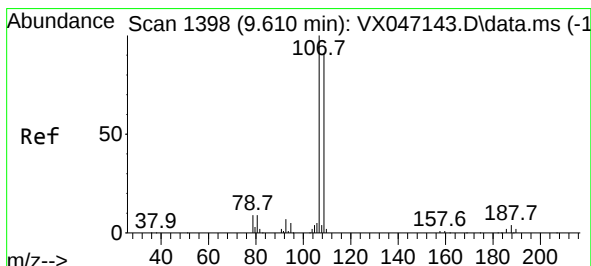
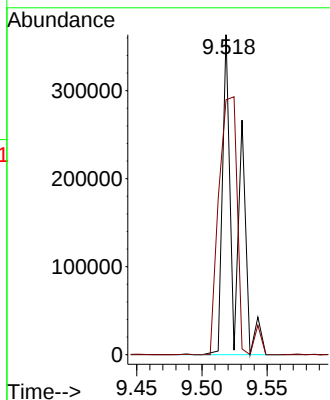
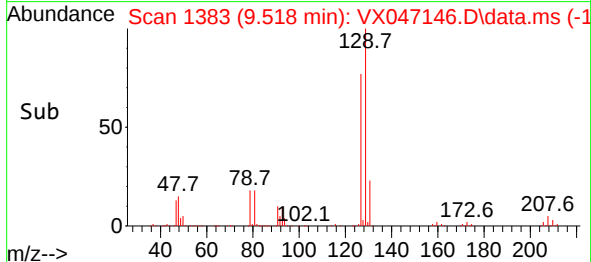
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:129 Resp: 25056
Ion Ratio Lower Upper
129 100
127 111.9 125.0 374.9

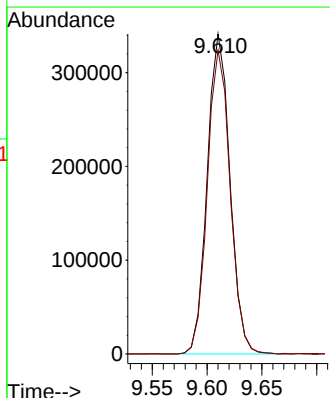
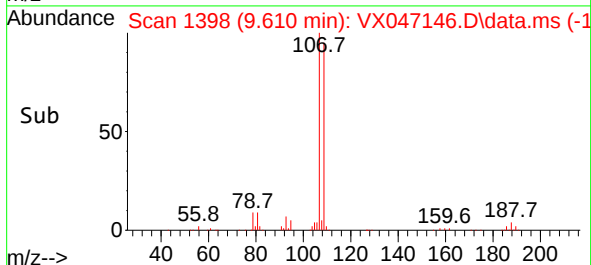
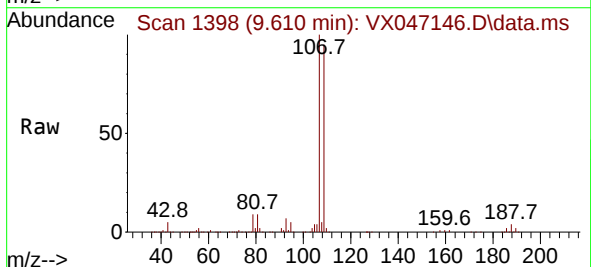
Manual Integrations
APPROVED

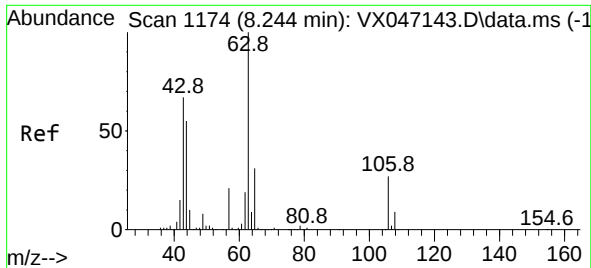
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#54
1,2-Dibromoethane
Concen: 145.471 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion:107 Resp: 493381
Ion Ratio Lower Upper
107 100
109 95.1 74.0 111.0





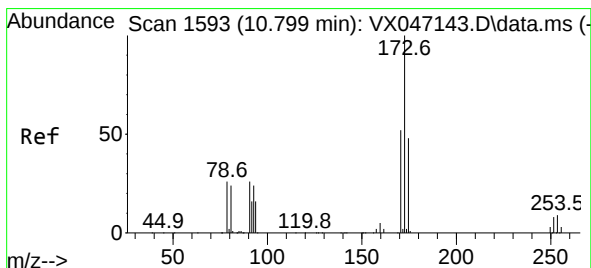
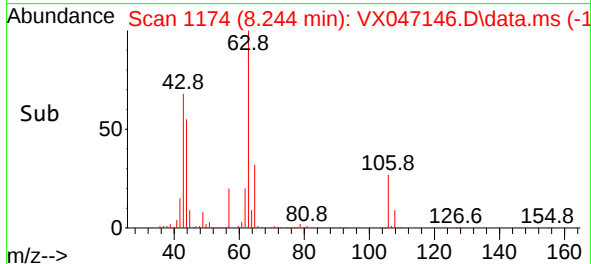
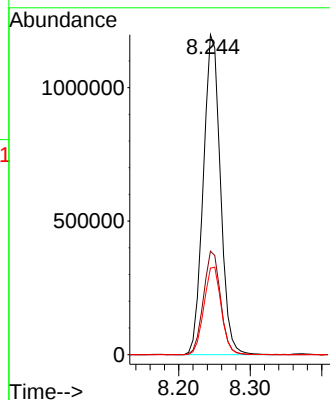
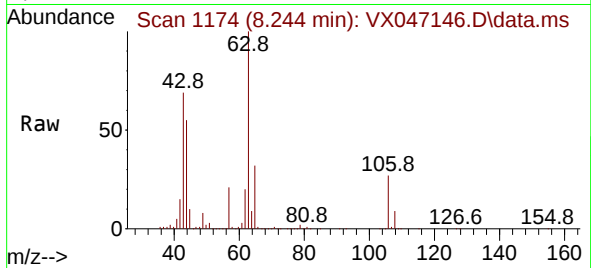
#55
2-Chloroethyl vinyl ether
Concen: 774.694 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 63 Resp: 199525
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6
106 27.8 22.1 33.1

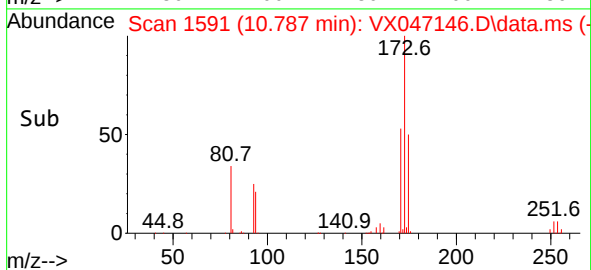
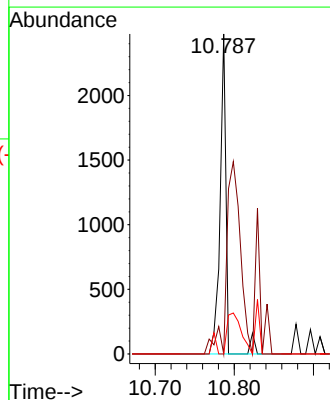
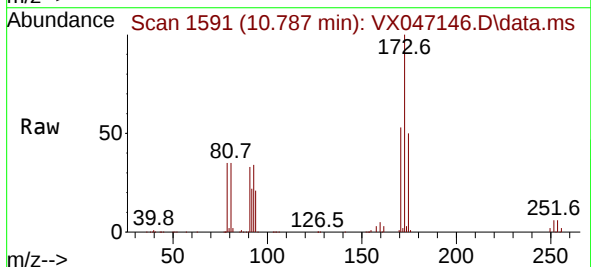
Manual Integrations
APPROVED

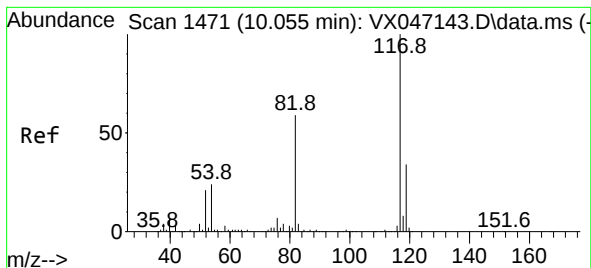
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#56
Bromoform
Concen: 26.260 ug/l m
RT: 10.787 min Scan# 1591
Delta R.T. -0.012 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

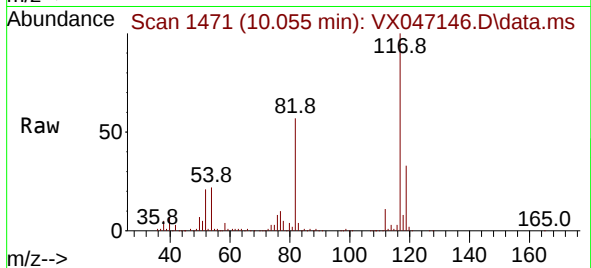
Tgt Ion:173 Resp: 1266
Ion Ratio Lower Upper
173 100
175 11.5 2.6 3.8#
254 0.0 2.2 3.2#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

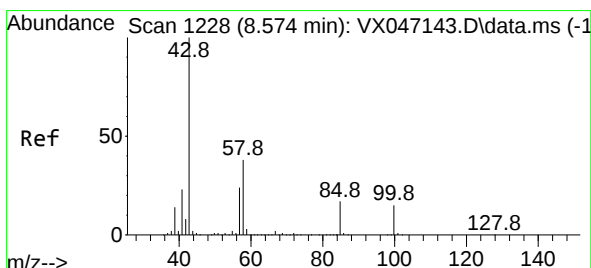
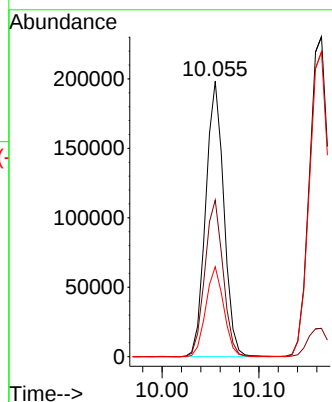
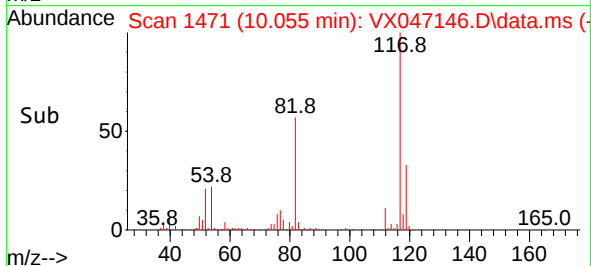
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 117 Resp: 258620
Ion Ratio Lower Upper
117 100
82 57.3 46.0 69.0
119 32.3 25.8 38.8

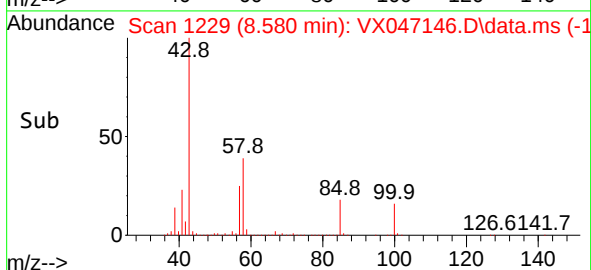
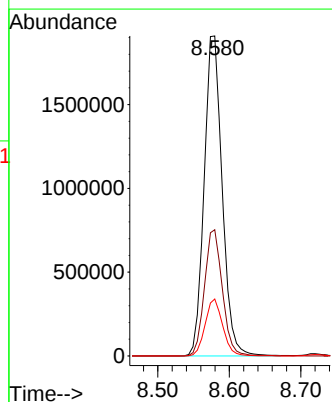
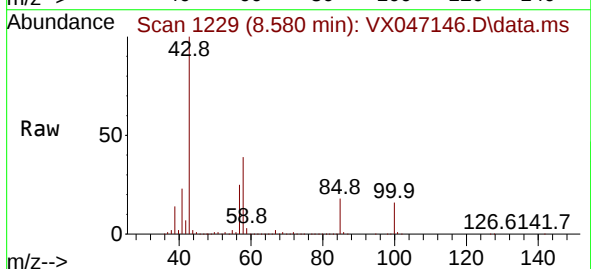
Manual Integrations
APPROVED

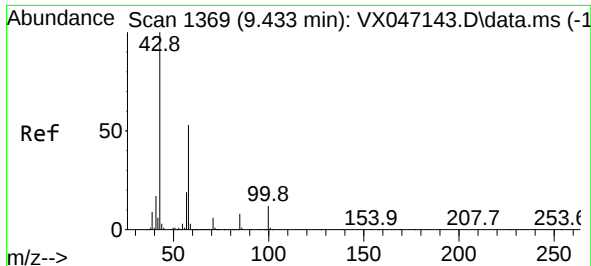
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#58
4-Methyl-2-Pentanone
Concen: 741.134 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 43 Resp: 3344302
Ion Ratio Lower Upper
43 100
58 39.1 30.6 45.8
85 17.4 13.4 20.2





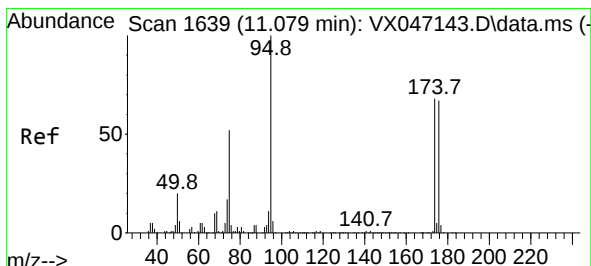
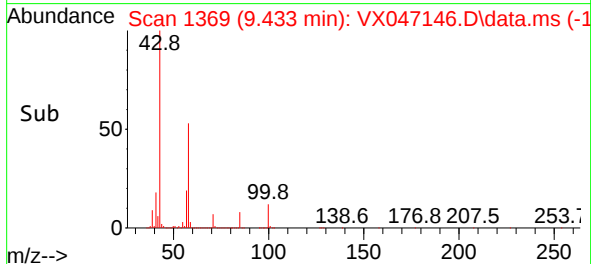
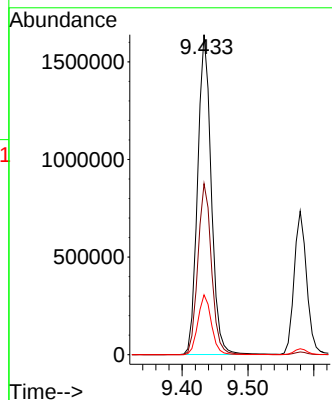
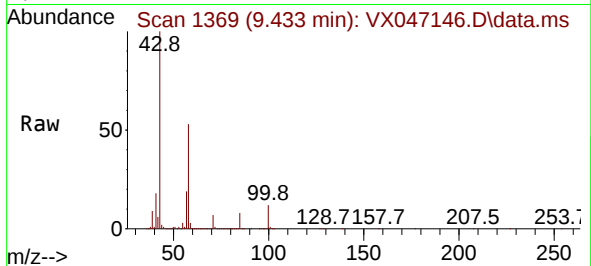
#59
2-Hexanone
Concen: 736.362 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 235054
Ion Ratio Lower Upper
43 100
58 53.7 42.0 63.0
57 18.6 14.6 21.8

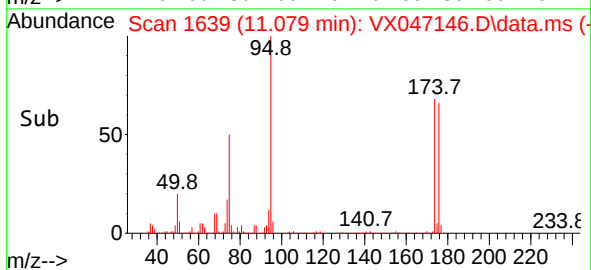
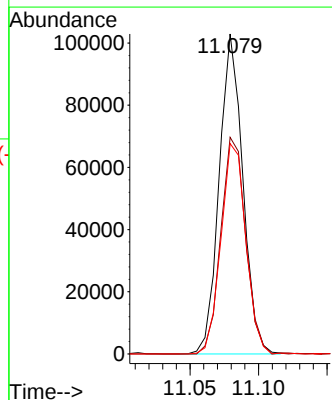
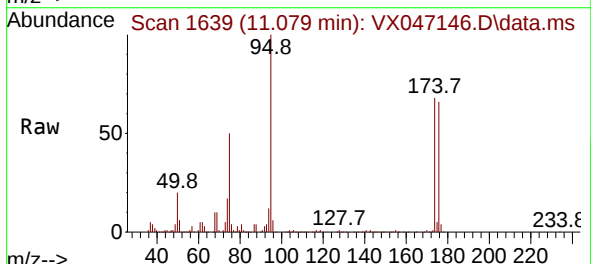
Manual Integrations
APPROVED

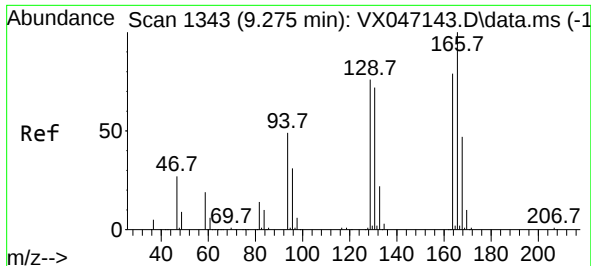
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#60
4-Bromofluorobenzene
Concen: 29.176 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

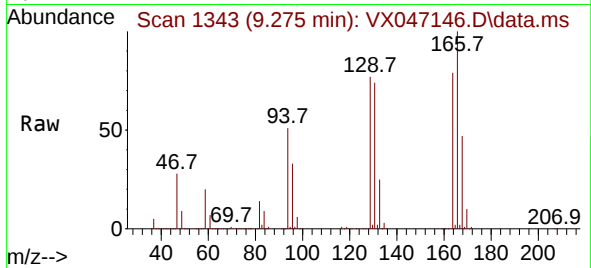
Tgt Ion: 95 Resp: 122950
Ion Ratio Lower Upper
95 100
174 71.2 57.5 86.3
176 69.2 56.4 84.6





#61
Tetrachloroethene
Concen: 146.528 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

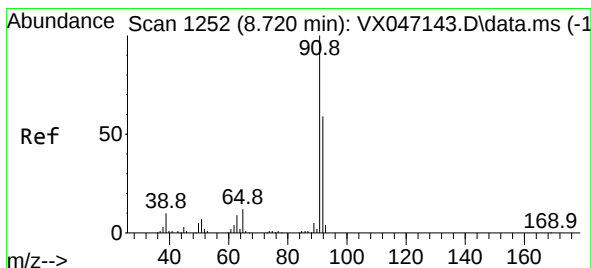
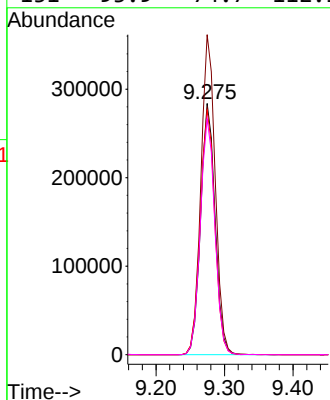
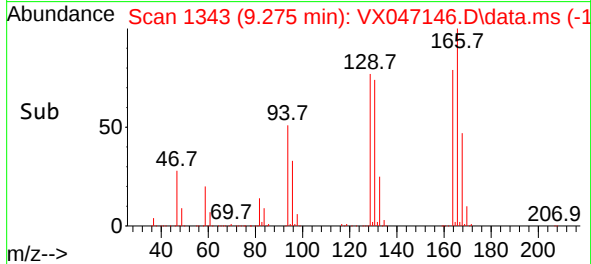
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:164 Resp: 41494
Ion Ratio Lower Upper
164 100
166 127.4 101.0 151.4
129 97.5 78.6 117.8
131 93.9 74.7 112.1

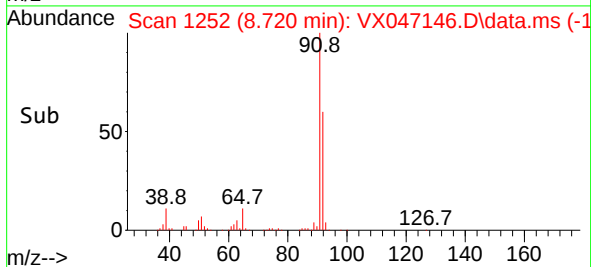
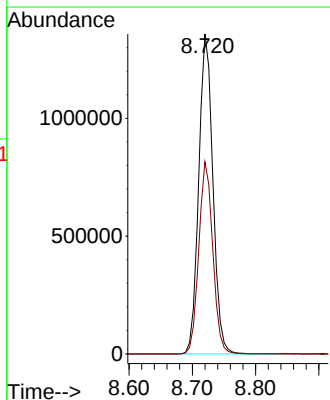
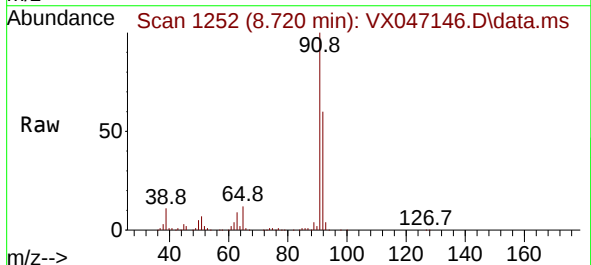
Manual Integrations
APPROVED

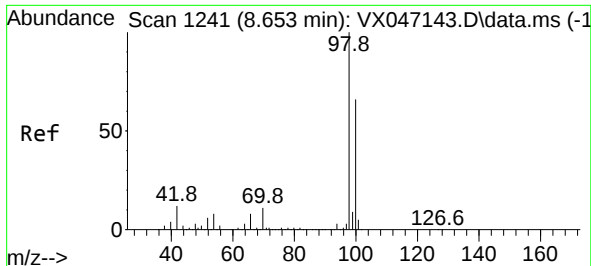
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#62
Toluene
Concen: 146.363 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 91 Resp: 2116770
Ion Ratio Lower Upper
91 100
92 59.4 46.6 69.8





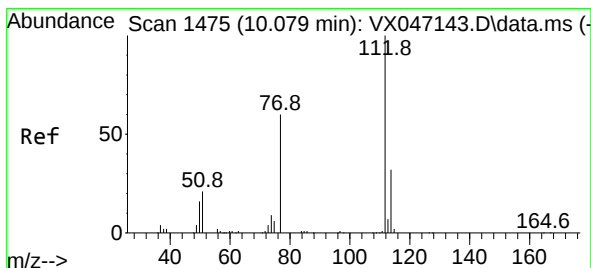
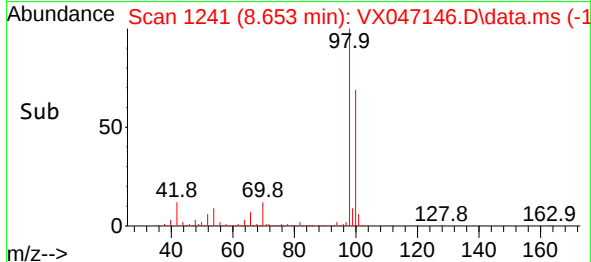
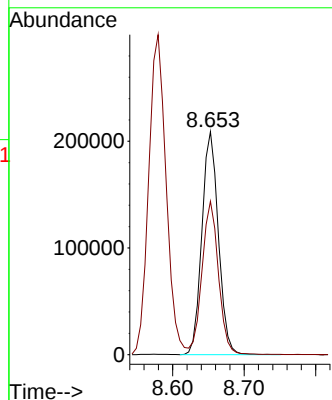
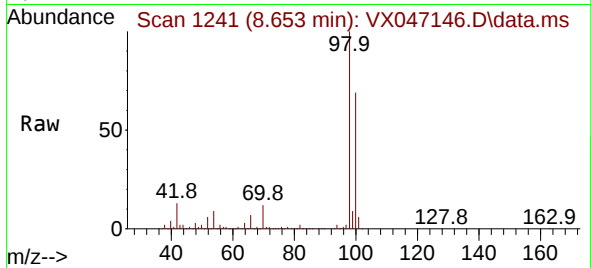
#63
Toluene-d8
Concen: 29.728 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion: 98 Resp: 334864
Ion Ratio Lower Upper
98 100
100 68.4 52.9 79.3

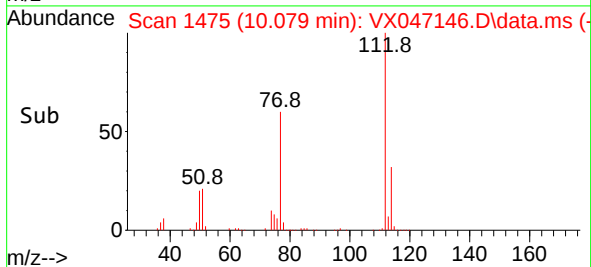
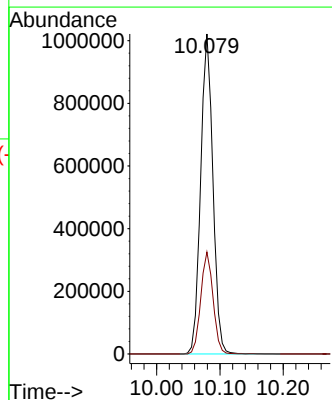
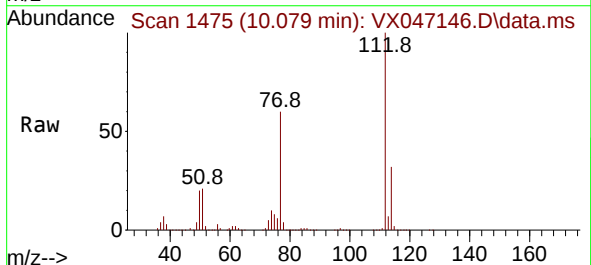
Manual Integrations
APPROVED

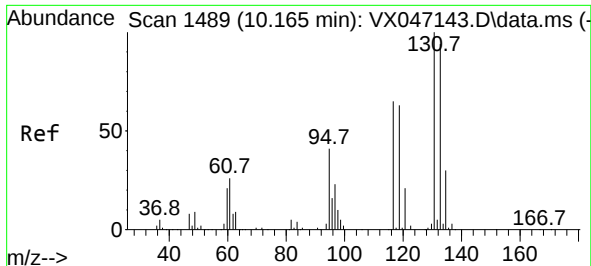
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#64
Chlorobenzene
Concen: 148.492 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

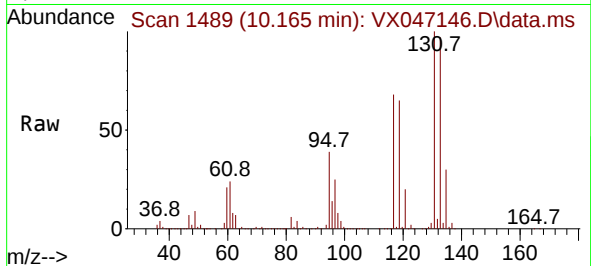
Tgt Ion:112 Resp: 1377106
Ion Ratio Lower Upper
112 100
114 31.8 23.6 35.4





#65
1,1,1,2-Tetrachloroethane
Concen: 161.538 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

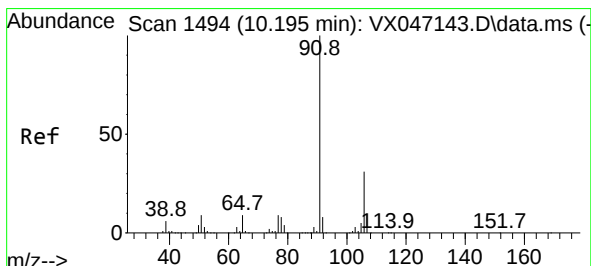
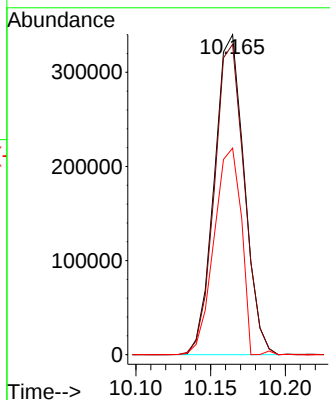
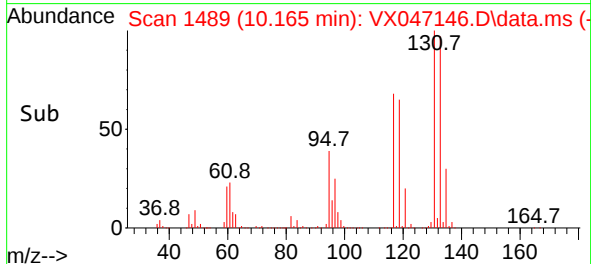
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



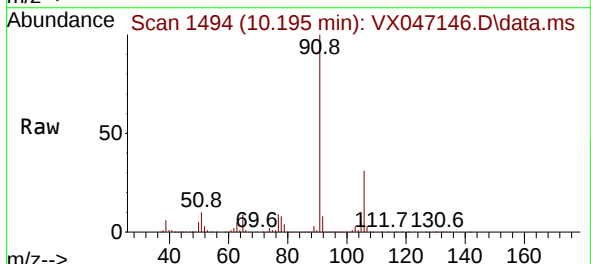
Tgt Ion:131 Resp: 473620
Ion Ratio Lower Upper
131 100
133 96.9 0.0 188.2
119 58.6 0.0 101.8

Manual Integrations
APPROVED

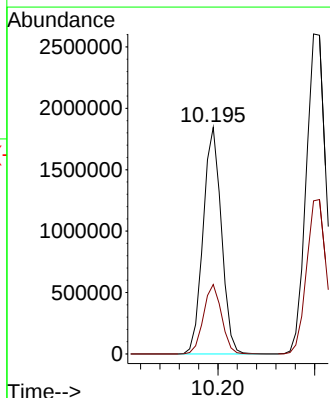
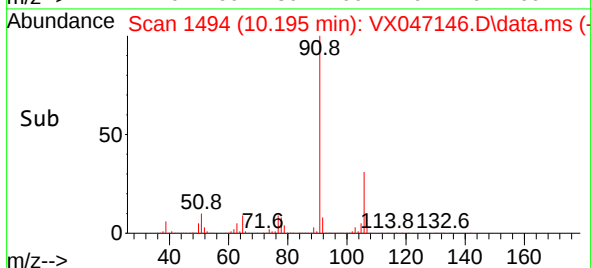
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

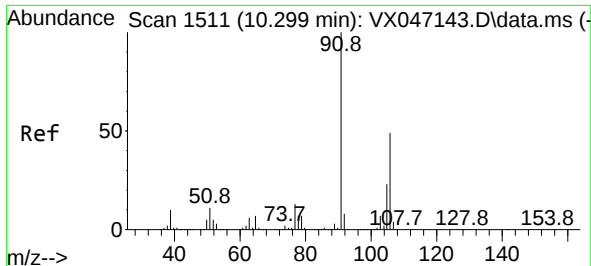


#66
Ethyl Benzene
Concen: 146.430 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44



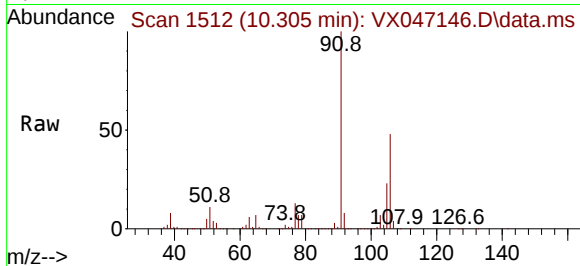
Tgt Ion: 91 Resp: 2423108
Ion Ratio Lower Upper
91 100
106 30.7 25.1 37.7





#67
m/p-Xylenes
Concen: 288.527 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

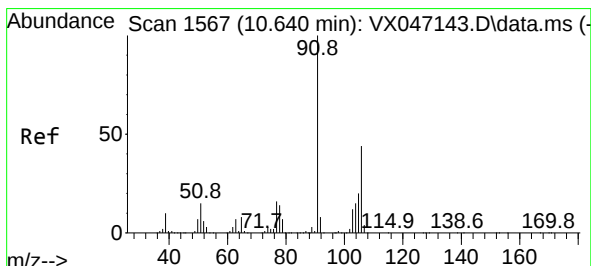
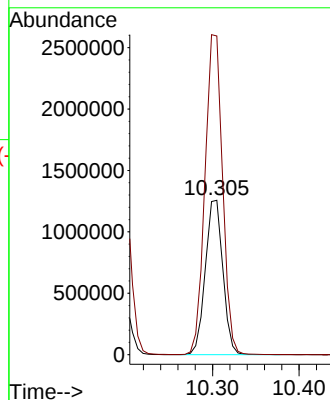
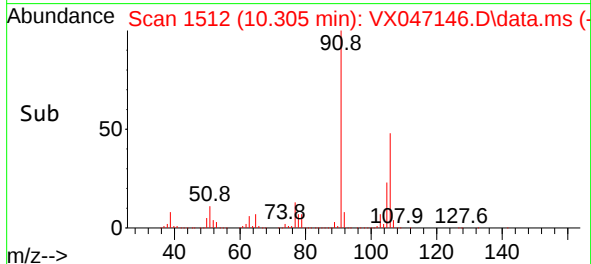
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:106 Resp: 176935
Ion Ratio Lower Upper
106 100
91 208.1 164.4 246.6

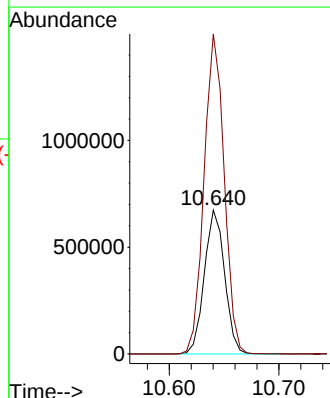
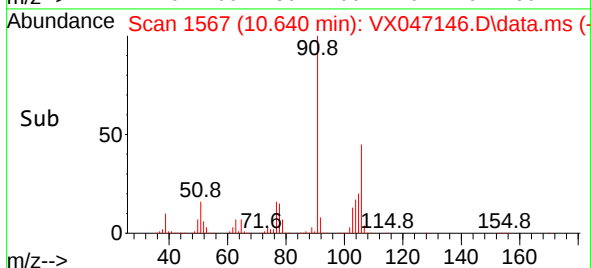
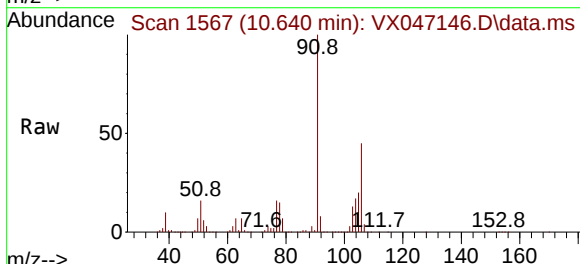
Manual Integrations
APPROVED

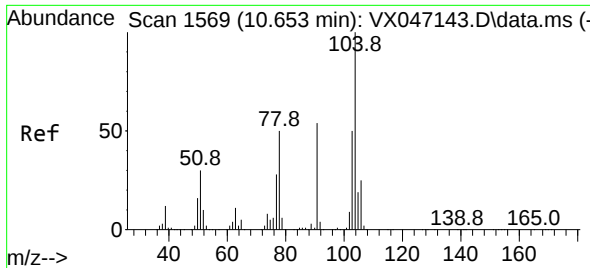
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#68
o-Xylene
Concen: 146.177 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

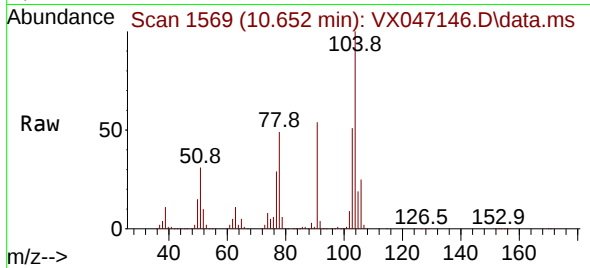
Tgt Ion:106 Resp: 864511
Ion Ratio Lower Upper
106 100
91 220.9 111.3 333.8





#69
Styrene
Concen: 145.319 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

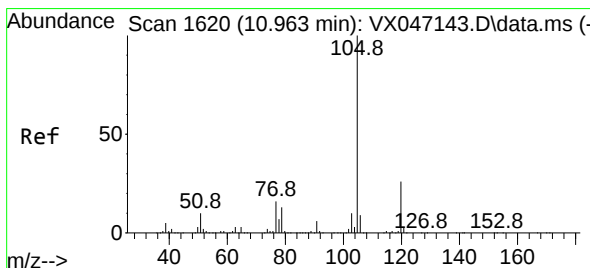
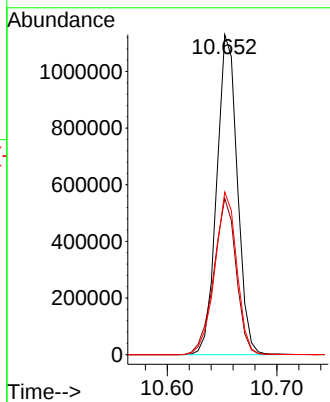
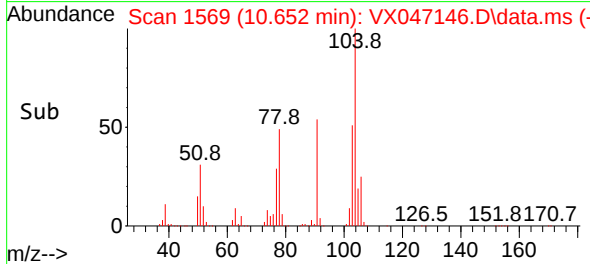
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



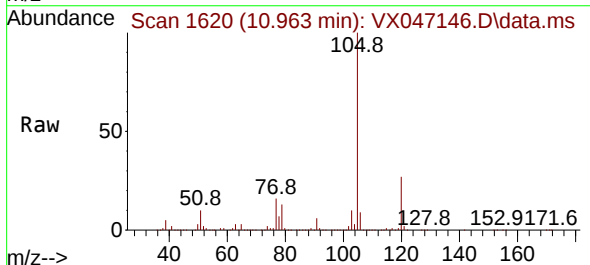
Tgt Ion:104 Resp: 147402
Ion Ratio Lower Upper
104 100
78 53.2 42.6 63.8
103 54.4 43.5 65.3

Manual Integrations
APPROVED

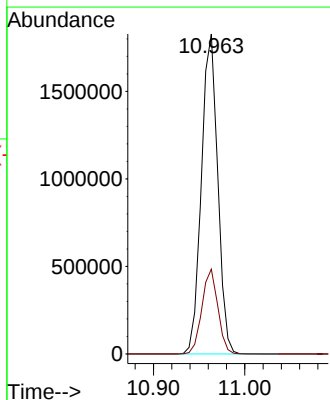
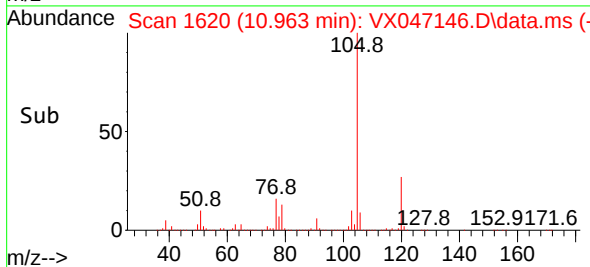
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

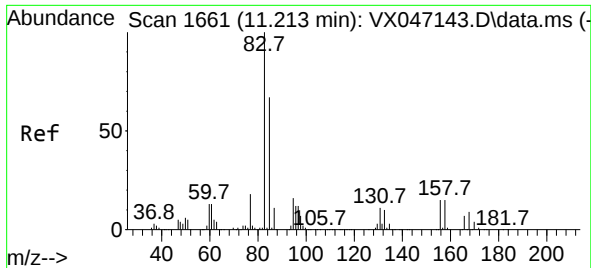


#70
Isopropylbenzene
Concen: 144.076 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44



Tgt Ion:105 Resp: 2269619
Ion Ratio Lower Upper
105 100
120 25.8 17.8 33.0





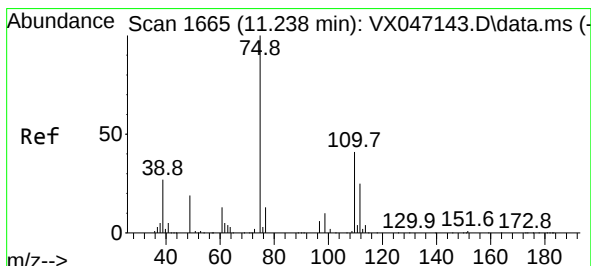
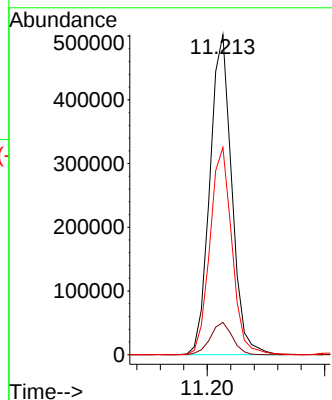
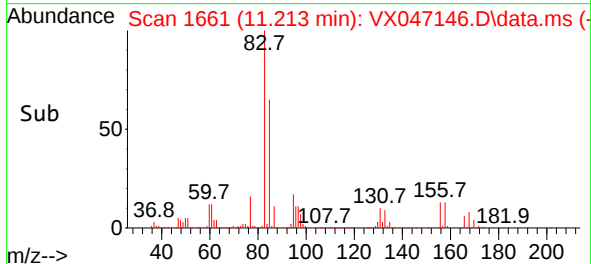
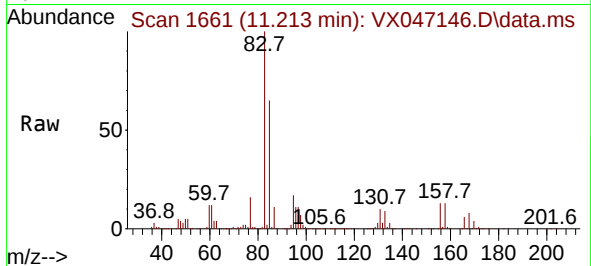
#71
1,1,2,2-Tetrachloroethane
Concen: 139.129 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 83 Resp: 650200
Ion Ratio Lower Upper
83 100
131 10.2 6.0 18.0
85 65.1 32.3 96.9

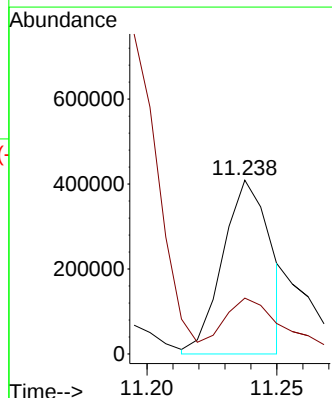
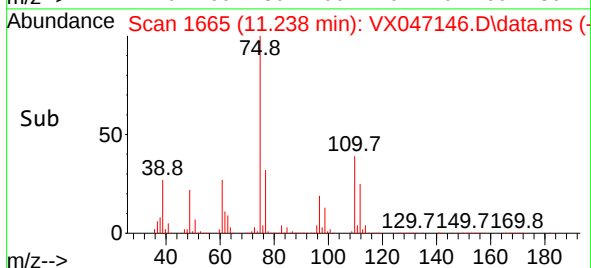
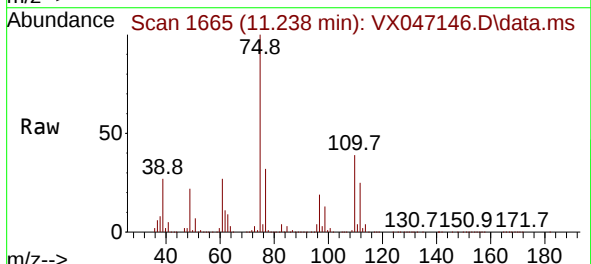
Manual Integrations
APPROVED

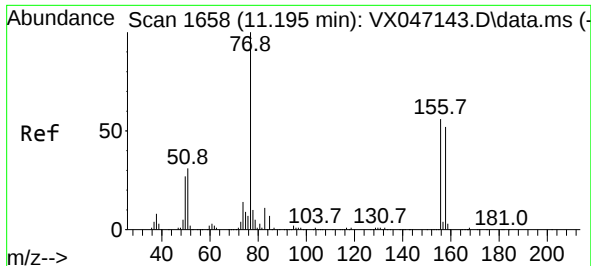
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#72
1,2,3-Trichloropropane
Concen: 145.460 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion: 75 Resp: 523584
Ion Ratio Lower Upper
75 100
77 41.1 0.0 74.2





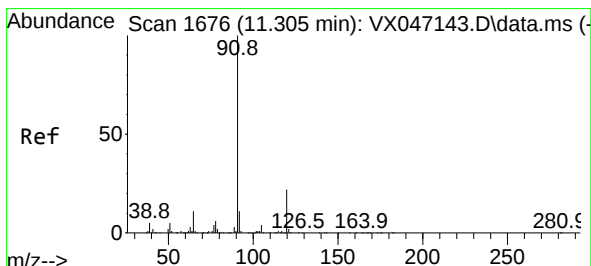
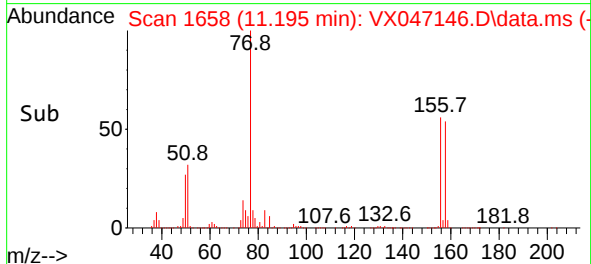
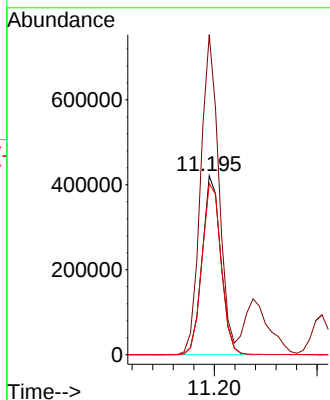
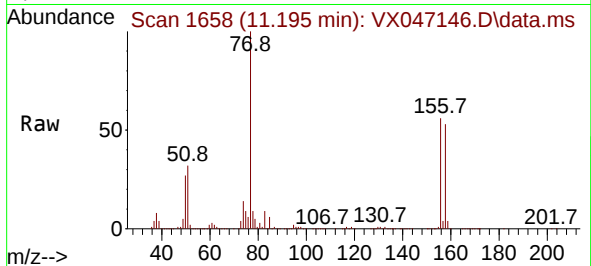
#73
Bromobenzene
Concen: 140.960 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:156 Resp: 531458
Ion Ratio Lower Upper
156 100
77 174.8 0.0 340.8
158 97.9 0.0 189.0

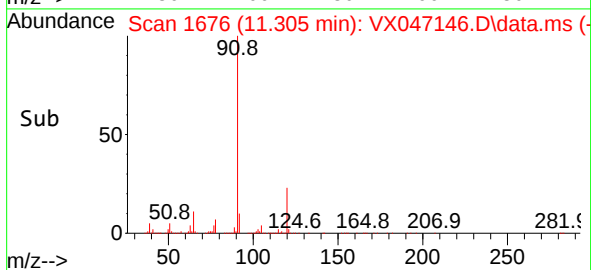
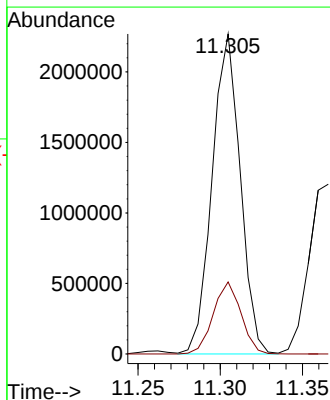
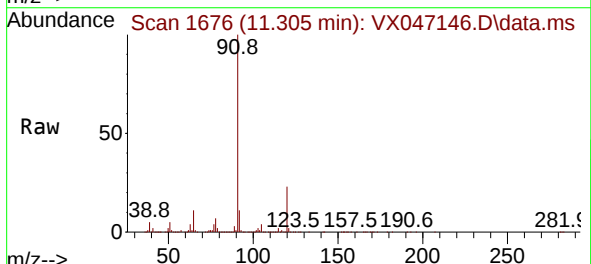
Manual Integrations
APPROVED

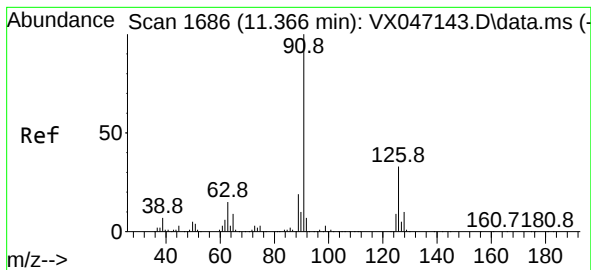
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#74
n-propylbenzene
Concen: 142.587 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

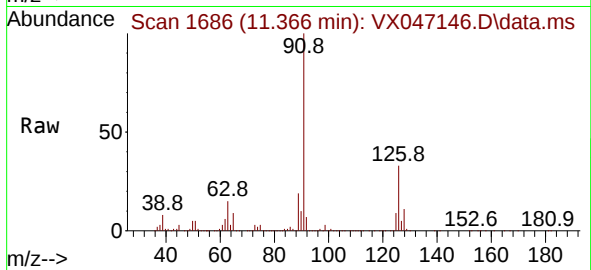
Tgt Ion: 91 Resp: 2696724
Ion Ratio Lower Upper
91 100
120 22.2 0.0 44.4





#75
2-Chlorotoluene
Concen: 140.964 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

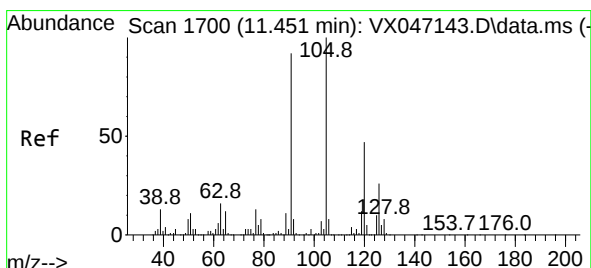
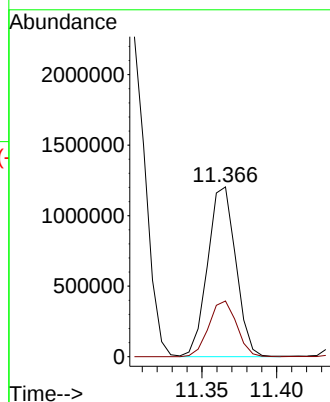
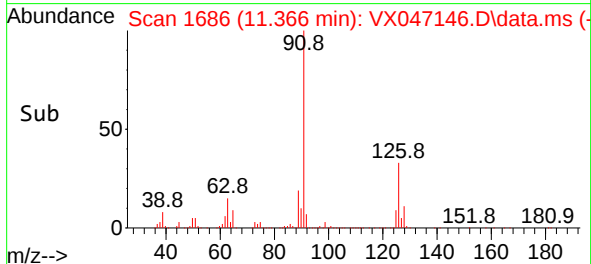
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



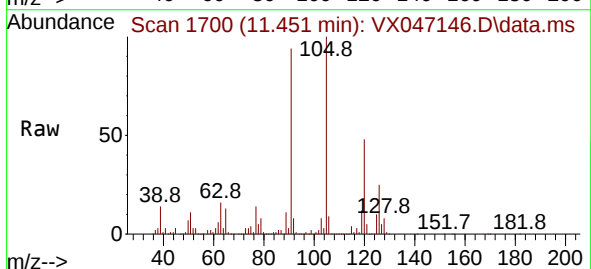
Tgt Ion: 91 Resp: 157770
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.6

Manual Integrations
APPROVED

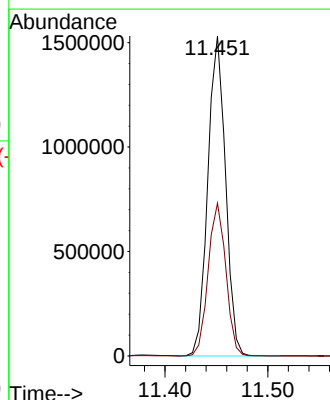
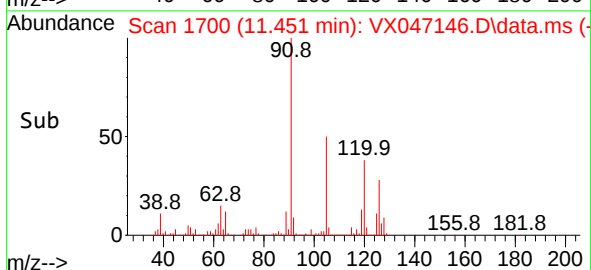
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

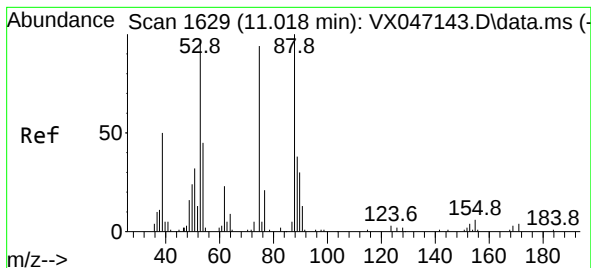


#76
1,3,5-Trimethylbenzene
Concen: 141.169 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44



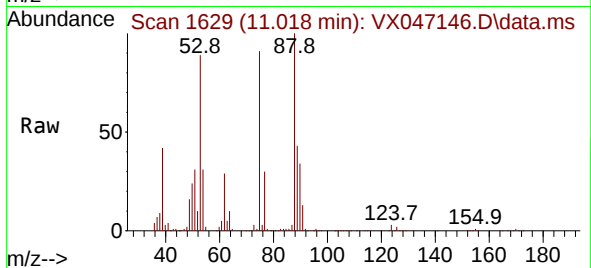
Tgt Ion:105 Resp: 1829690
Ion Ratio Lower Upper
105 100
120 47.8 0.0 93.0





#77
t-1,4-Dichloro-2-butene
Concen: 239.147 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

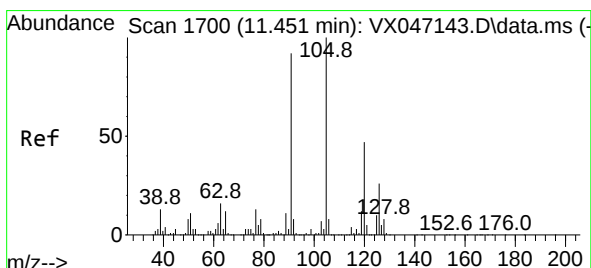
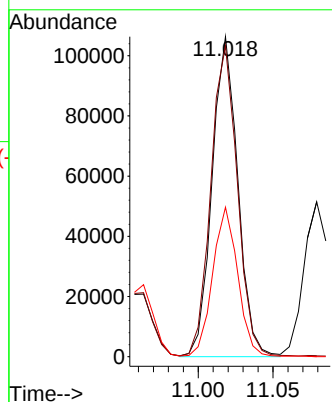
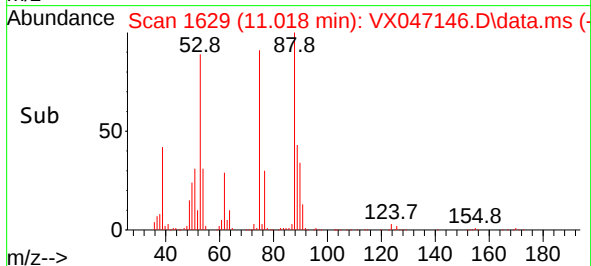
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 127382
Ion Ratio Lower Upper
75 100
53 97.0 48.4 145.2
89 46.6 33.8 101.3

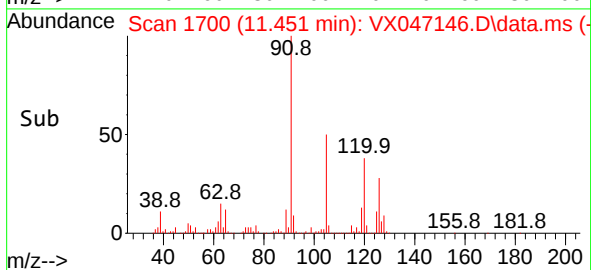
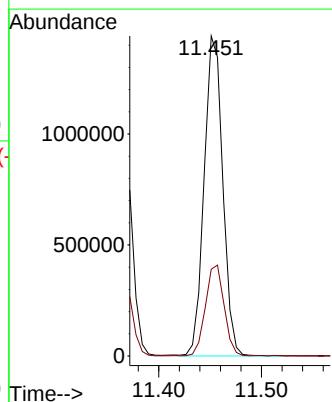
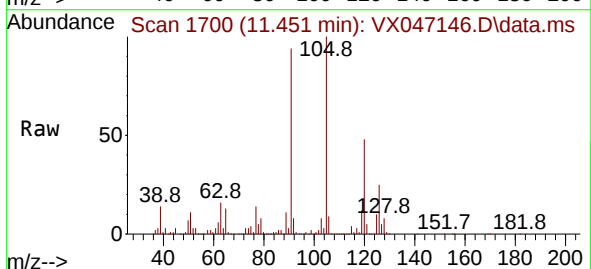
Manual Integrations
APPROVED

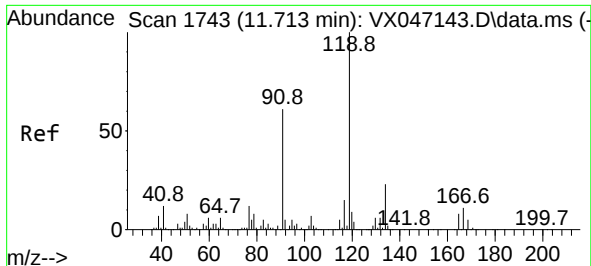
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#78
4-Chlorotoluene
Concen: 141.063 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

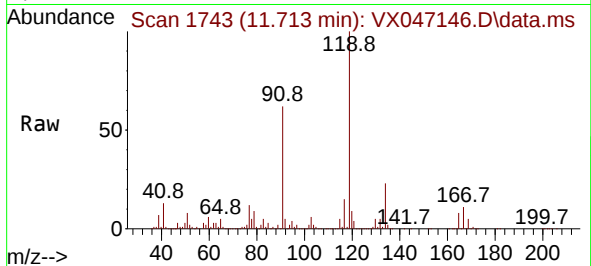
Tgt Ion: 91 Resp: 1820475
Ion Ratio Lower Upper
91 100
126 28.5 0.0 57.2





#79
tert-butylbenzene
Concen: 142.777 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

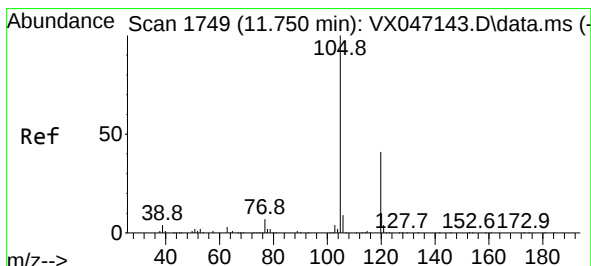
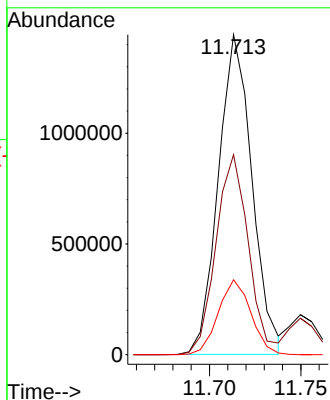
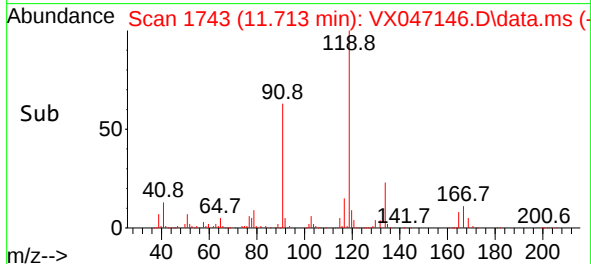
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:119 Resp: 1851940
Ion Ratio Lower Upper
119 100
91 60.5 0.0 120.6
134 22.7 0.0 46.0

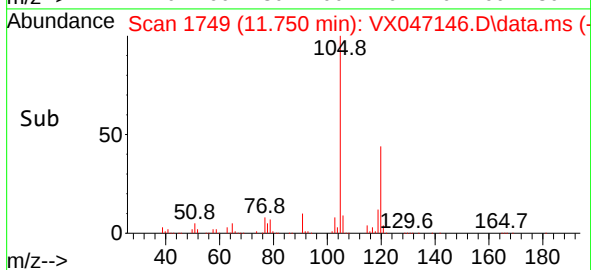
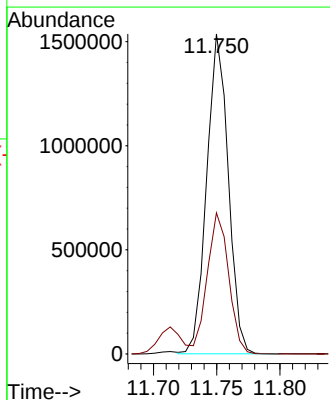
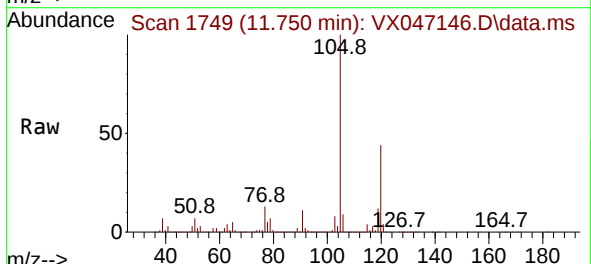
Manual Integrations
APPROVED

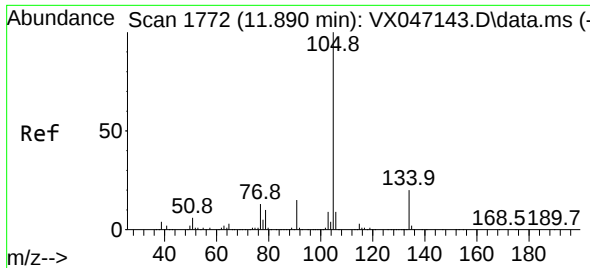
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#80
1,2,4-Trimethylbenzene
Concen: 141.574 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

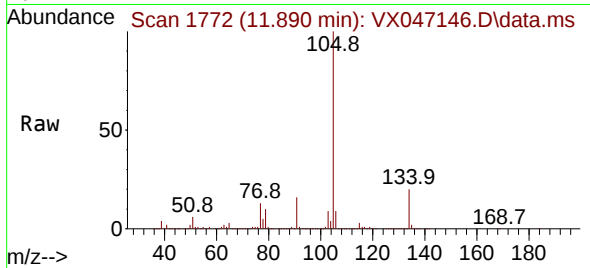
Tgt Ion:105 Resp: 1820010
Ion Ratio Lower Upper
105 100
120 43.5 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 141.515 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44

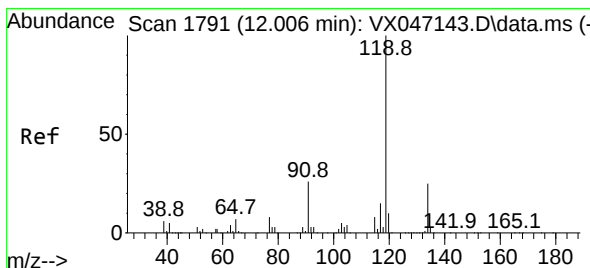
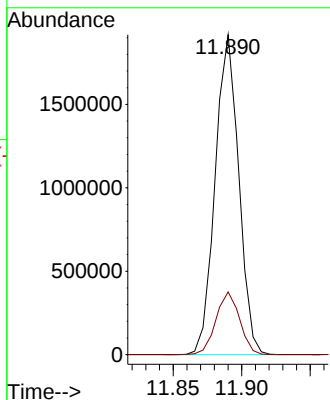
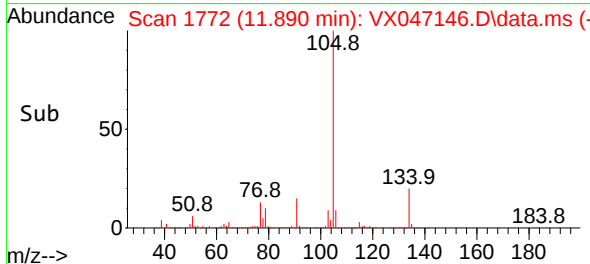
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150



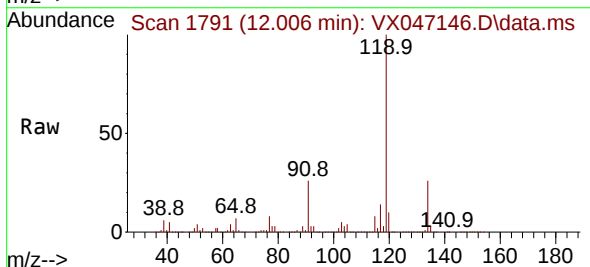
Tgt Ion:105 Resp: 2290815
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 39.4

Manual Integrations
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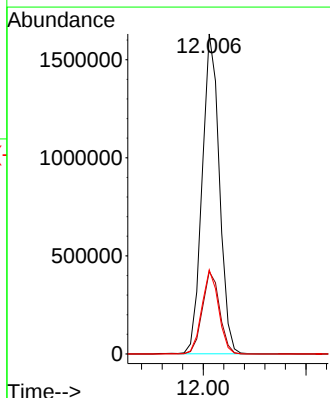
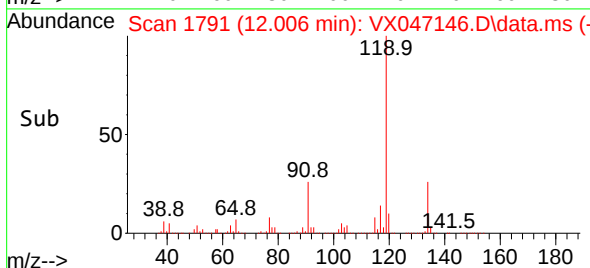
Reviewed By :John Carlone 07/28/2025
 Supervised By :Mahesh Dadoda 07/28/2025

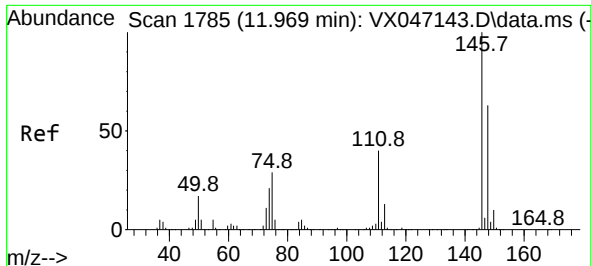


#82
 p-Isopropyltoluene
 Concen: 141.100 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX047146.D
 Acq: 25 Jul 2025 16:44



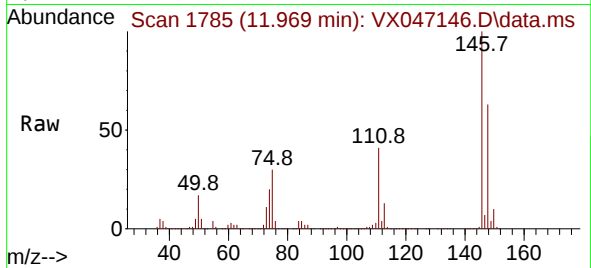
Tgt Ion:119 Resp: 1897954
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 50.8
 91 25.3 0.0 51.0





#83
1,3-Dichlorobenzene
Concen: 138.825 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

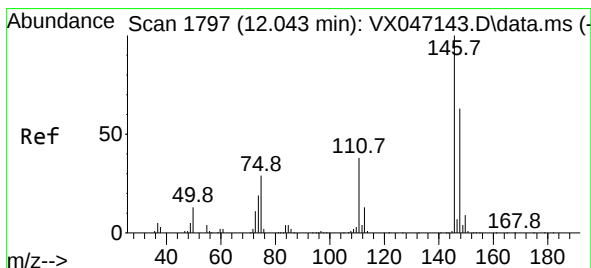
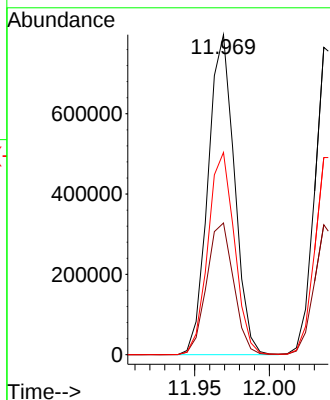
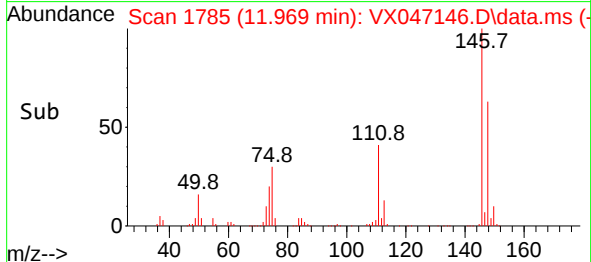
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



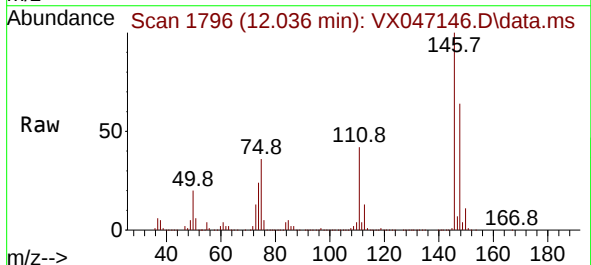
Tgt Ion:146 Resp: 977920
Ion Ratio Lower Upper
146 100
111 42.2 20.7 62.1
148 63.5 31.8 95.3

Manual Integrations
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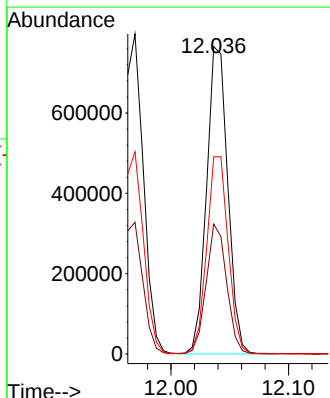
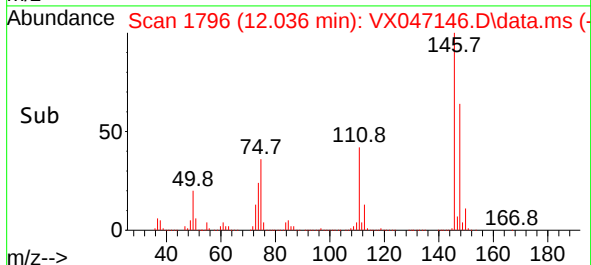
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

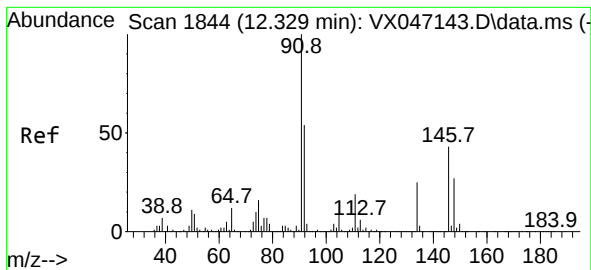


#84
1,4-Dichlorobenzene
Concen: 137.765 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44



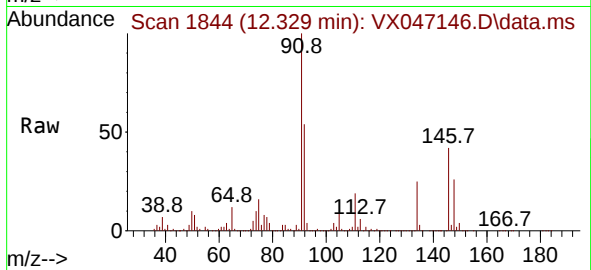
Tgt Ion:146 Resp: 961809
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 65.1 32.3 96.8





#85
n-Butylbenzene
Concen: 139.763 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

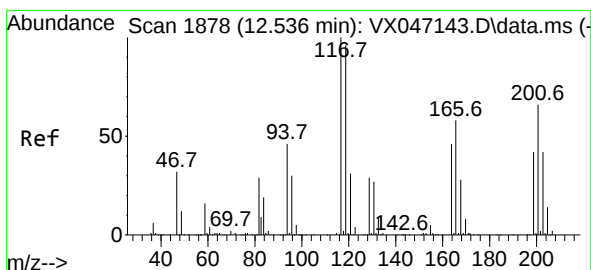
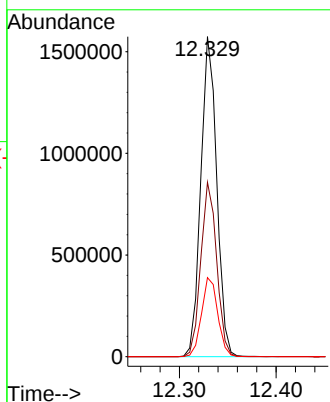
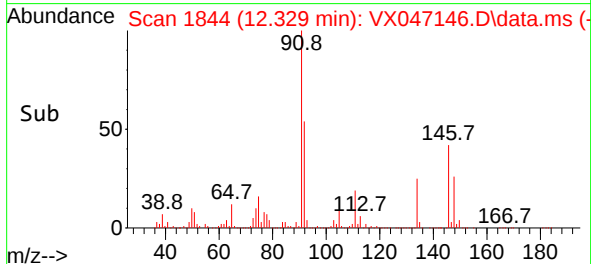
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1804172
Ion Ratio Lower Upper
91 100
92 54.3 0.0 107.8
134 25.2 0.0 50.0

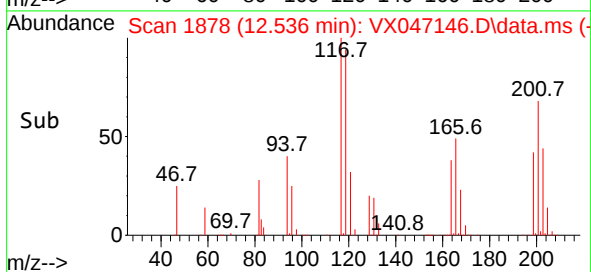
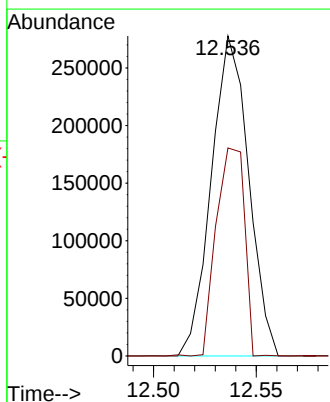
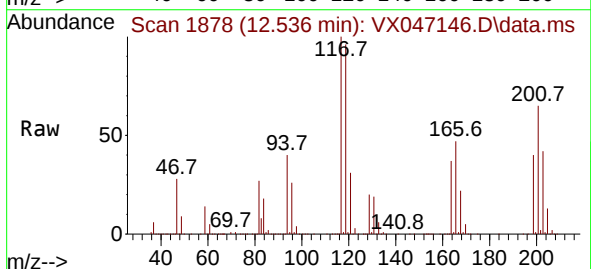
Manual Integrations
APPROVED

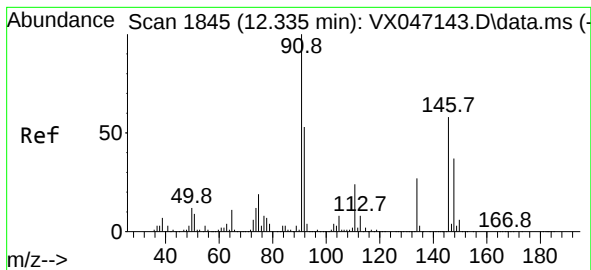
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#86
Hexachloroethane
Concen: 187.497 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

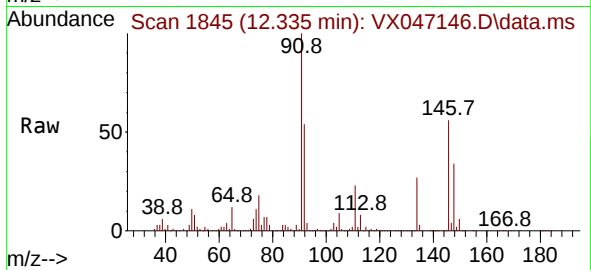
Tgt Ion:117 Resp: 350704
Ion Ratio Lower Upper
117 100
201 49.1 0.5 1.5#





#87
1,2-Dichlorobenzene
Concen: 140.479 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

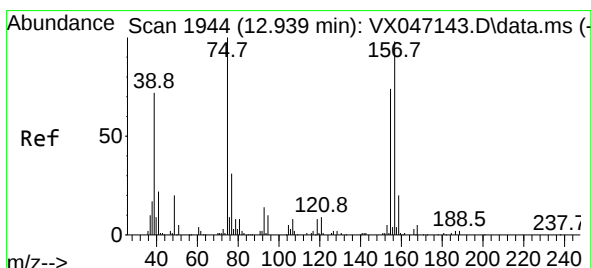
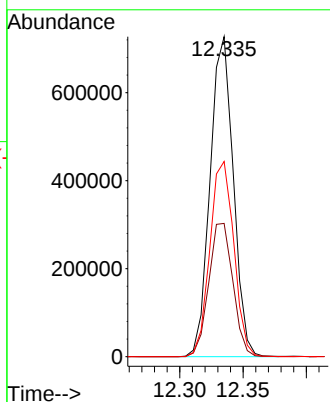
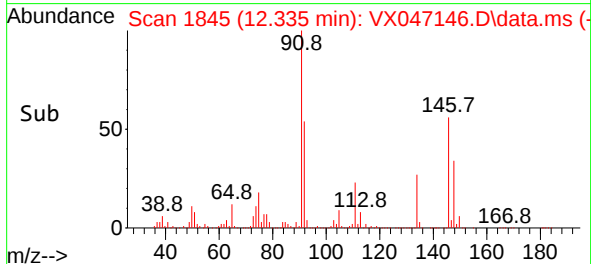
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:146 Resp: 928090
Ion Ratio Lower Upper
146 100
111 43.3 21.8 65.3
148 63.1 32.4 97.0

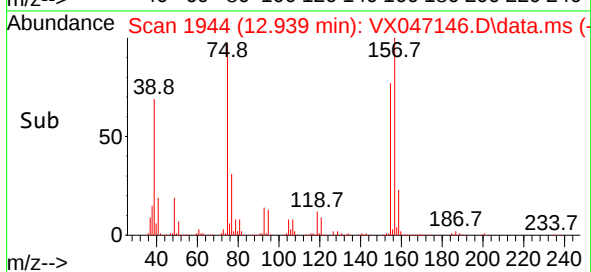
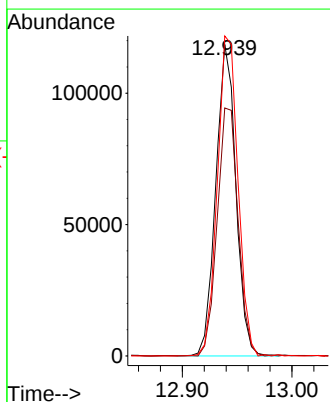
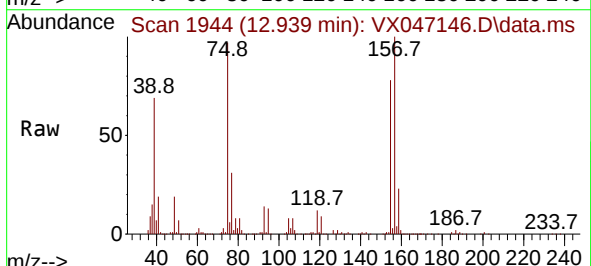
Manual Integrations
APPROVED

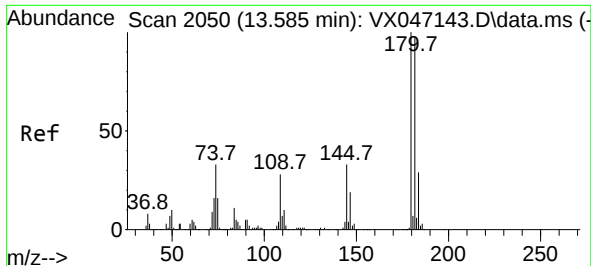
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 149.346 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

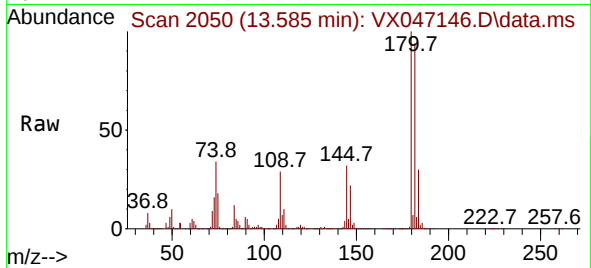
Tgt Ion: 75 Resp: 151099
Ion Ratio Lower Upper
75 100
155 82.9 65.4 98.2
157 105.2 82.0 123.0





#89
1,2,4-Trichlorobenzene
Concen: 141.526 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

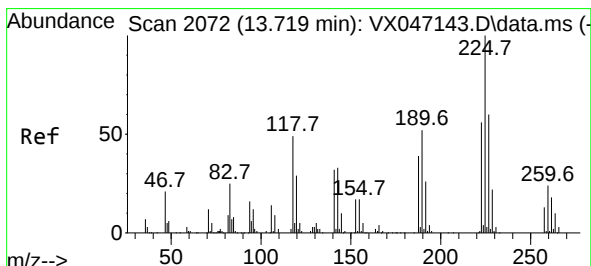
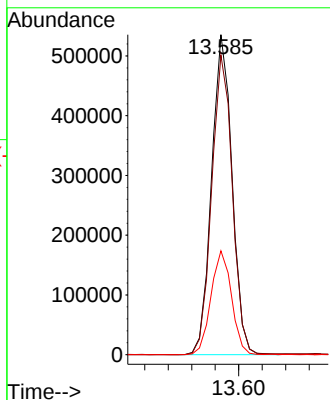
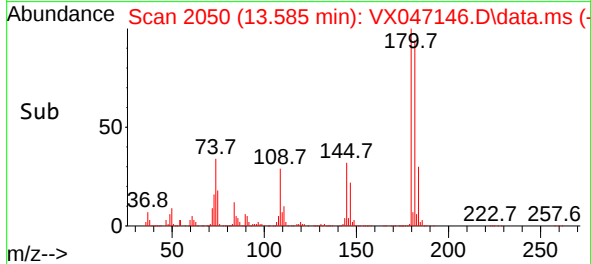
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



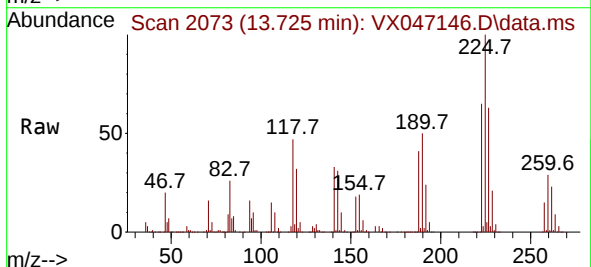
Tgt Ion:180 Resp: 646479
Ion Ratio Lower Upper
180 100
182 94.4 78.2 117.2
145 32.6 26.5 39.7

Manual Integrations
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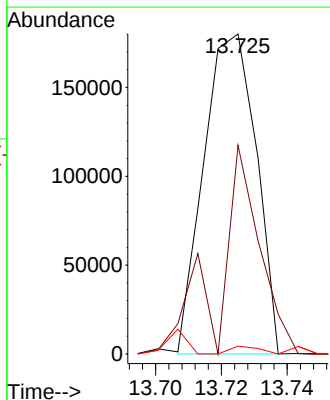
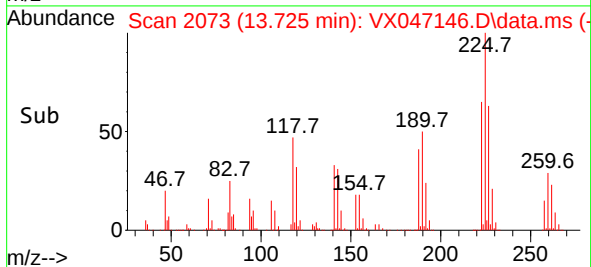
Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025

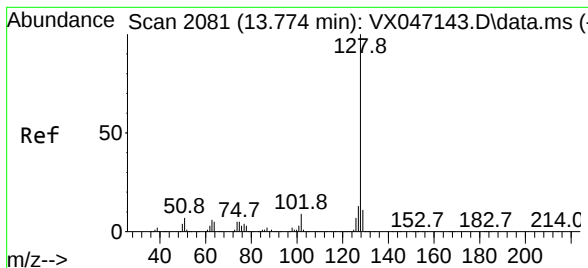


#90
Hexachlorobutadiene
Concen: 196.179 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44



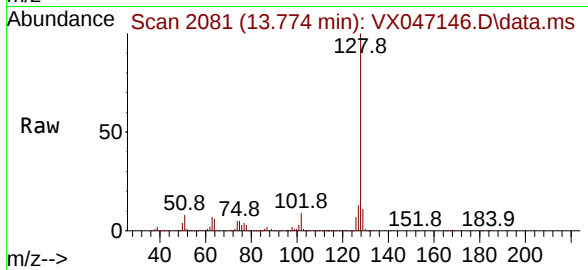
Tgt Ion:225 Resp: 199136
Ion Ratio Lower Upper
225 100
223 37.4 0.0 73.8
227 1.4 0.0 130.6





#91
Naphthalene
Concen: 139.322 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

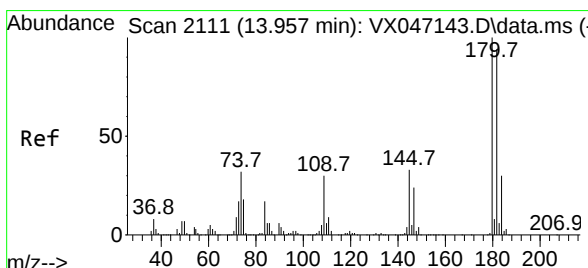
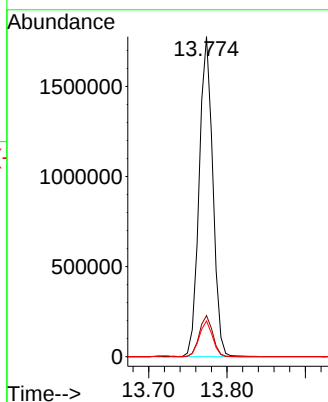
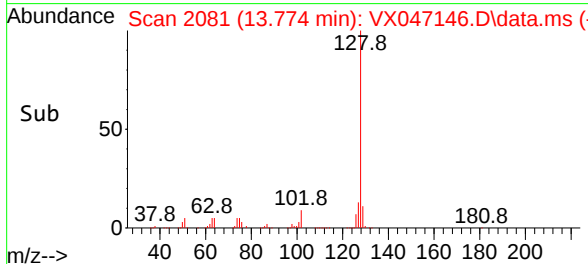
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion:128 Resp: 214824
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/28/2025
Supervised By :Mahesh Dadoda 07/28/2025



#92
1,2,3-Trichlorobenzene
Concen: 142.491 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX047146.D
Acq: 25 Jul 2025 16:44

Tgt Ion:180 Resp: 624555
Ion Ratio Lower Upper
180 100
182 94.1 0.0 189.0
145 35.1 0.0 69.2

