

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046865.D
 Acq On : 02 Jul 2025 14:31
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 03 05:34:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:21:52 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/03/2025
 Supervised By : Mahesh Dadoda 07/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	337940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	564585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	498758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	240348	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	649303	145.436	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 290.880%#			
35) Dibromofluoromethane	5.391	113	550160	143.554	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 287.100%#			
50) Toluene-d8	8.653	98	1923179	142.230	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 284.460%#			
62) 4-Bromofluorobenzene	11.079	95	721016	140.303	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 280.600%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	497096	153.809	ug/l	99
3) Chloromethane	1.307	50	537388	152.188	ug/l	98
4) Vinyl Chloride	1.386	62	574277	149.346	ug/l	99
5) Bromomethane	1.611	94	298828	120.949	ug/l	100
6) Chloroethane	1.697	64	358739	141.285	ug/l	99
7) Trichlorofluoromethane	1.904	101	897728	150.988	ug/l	99
8) Diethyl Ether	2.148	74	321838	152.105	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	569627	150.352	ug/l	99
10) Methyl Iodide	2.465	142	705949	171.034	ug/l	98
11) Tert butyl alcohol	2.965	59	229819	784.885	ug/l	99
12) 1,1-Dichloroethene	2.337	96	547474	149.400	ug/l	97
13) Acrolein	2.245	56	245973	754.434	ug/l	98
14) Allyl chloride	2.678	41	996540	152.745	ug/l	99
15) Acrylonitrile	3.075	53	1288046	757.776	ug/l	99
16) Acetone	2.386	43	1013283	730.677	ug/l	99
17) Carbon Disulfide	2.526	76	1394541	145.111	ug/l	99
18) Methyl Acetate	2.709	43	607185	166.116	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1637759	158.264	ug/l	98
20) Methylene Chloride	2.800	84	596413	145.441	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	552703	147.398	ug/l	97
22) Diisopropyl ether	3.770	45	1919430	152.282	ug/l	99
23) Vinyl Acetate	3.733	43	7476523	791.755	ug/l	100
24) 1,1-Dichloroethane	3.623	63	1064068	148.024	ug/l	100
25) 2-Butanone	4.562	43	1449681	783.522	ug/l	100
26) 2,2-Dichloropropane	4.489	77	837466	156.539	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	674986	147.435	ug/l	100
28) Bromochloromethane	4.910	49	515523	145.311	ug/l	99
29) Tetrahydrofuran	5.007	42	928390	787.145	ug/l	100
30) Chloroform	5.105	83	1064448	144.942	ug/l	100
31) Cyclohexane	5.483	56	939695	147.249	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	922378	150.332	ug/l	98
36) 1,1-Dichloropropene	5.702	75	739394	142.995	ug/l	99
37) Ethyl Acetate	4.721	43	631521	143.396	ug/l	98
38) Carbon Tetrachloride	5.684	117	809906	146.250	ug/l	98
39) Methylcyclohexane	7.385	83	974901	150.724	ug/l	99
40) Benzene	6.043	78	2243029	143.418	ug/l	100

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 VSTDICC150

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 07/03/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	375761	159.945	ug/l	99
42) 1,2-Dichloroethane	6.092	62	756183	142.387	ug/l	100
43) Isopropyl Acetate	6.342	43	1104335	163.711	ug/l	100
44) Trichloroethene	7.129	130	583397	143.298	ug/l	97
45) 1,2-Dichloropropane	7.433	63	579224	146.587	ug/l	99
46) Dibromomethane	7.586	93	401338	146.592	ug/l	99
47) Bromodichloromethane	7.824	83	858188	146.803	ug/l	99
48) Methyl methacrylate	7.696	41	580607	166.693	ug/l	99
49) 1,4-Dioxane	7.665	88	122695	3040.136	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	3026947	760.332	ug/l	98
52) Toluene	8.720	92	1394797	143.918	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	853017	163.503	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	939003	157.682	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	521889	144.574	ug/l	98
56) Ethyl methacrylate	9.116	69	816206	163.362	ug/l	100
57) 1,3-Dichloropropane	9.305	76	893213	143.699	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	2192288	778.743	ug/l	100
59) 2-Hexanone	9.427	43	2051712	776.972	ug/l	100
60) Dibromochloromethane	9.518	129	637739	147.623	ug/l	99
61) 1,2-Dibromoethane	9.610	107	536592	148.009	ug/l	100
64) Tetrachloroethene	9.275	164	475745	143.265	ug/l	96
65) Chlorobenzene	10.079	112	1563433	144.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	548552	151.325	ug/l	100
67) Ethyl Benzene	10.195	91	2729559	147.809	ug/l	98
68) m/p-Xylenes	10.299	106	2009645	288.799	ug/l	99
69) o-Xylene	10.640	106	987134	146.856	ug/l	99
70) Styrene	10.652	104	1697064	147.567	ug/l	98
71) Bromoform	10.799	173	411264	152.584	ug/l	97
73) Isopropylbenzene	10.963	105	2588441	153.200	ug/l	100
74) N-amyl acetate	10.841	43	986018	171.738	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	698105	150.263	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	567147m	152.717	ug/l	
77) Bromobenzene	11.195	156	628974	149.454	ug/l	99
78) n-propylbenzene	11.305	91	3052066	149.810	ug/l	99
79) 2-Chlorotoluene	11.360	91	1784161	148.315	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	2088013	152.092	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	239775	173.259	ug/l	95
82) 4-Chlorotoluene	11.451	91	2061746	148.519	ug/l	99
83) tert-Butylbenzene	11.713	119	2164507	152.653	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	2118023	152.635	ug/l	97
85) sec-Butylbenzene	11.890	105	2681731	150.005	ug/l	99
86) p-Isopropyltoluene	12.006	119	2218491	148.186	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1167669	148.354	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	1176579	143.634	ug/l	99
89) n-Butylbenzene	12.329	91	2101194	149.371	ug/l	99
90) Hexachloroethane	12.536	117	424369	159.899	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	1117598	146.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	138617	170.588	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	825907	159.391	ug/l	99
94) Hexachlorobutadiene	13.725	225	296507	151.734	ug/l	99
95) Naphthalene	13.774	128	2359854	172.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	792593	161.887	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC150

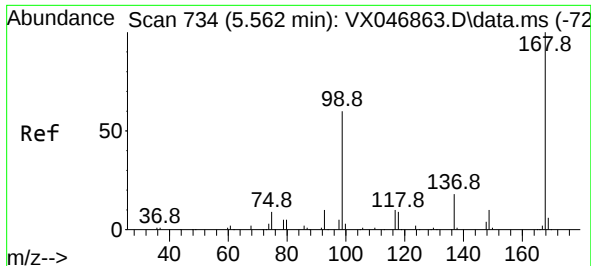
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

Quant Time: Jul 03 05:34:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:21:52 2025
Response via : Initial Calibration

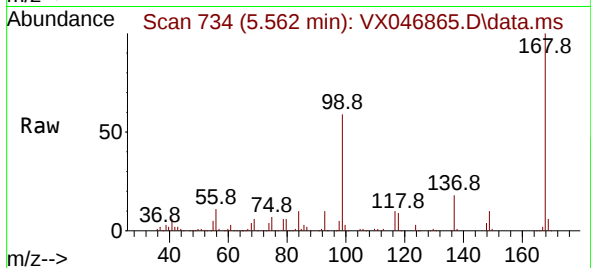
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

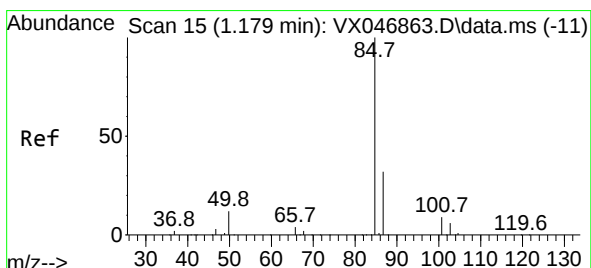
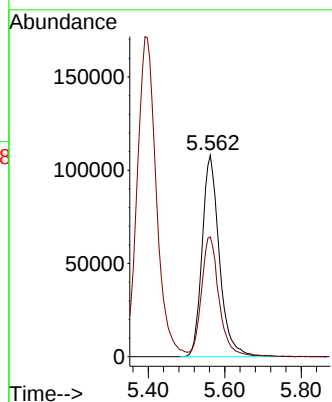
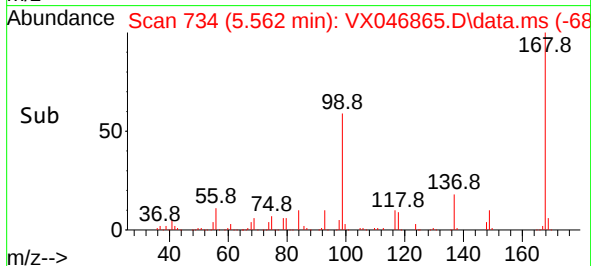
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:168 Resp: 337940
Ion Ratio Lower Upper
168 100
99 59.3 48.8 73.2

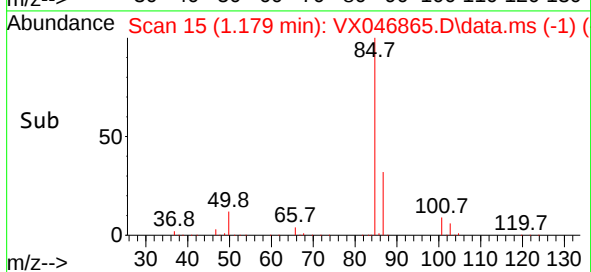
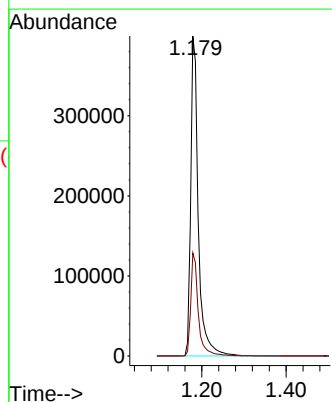
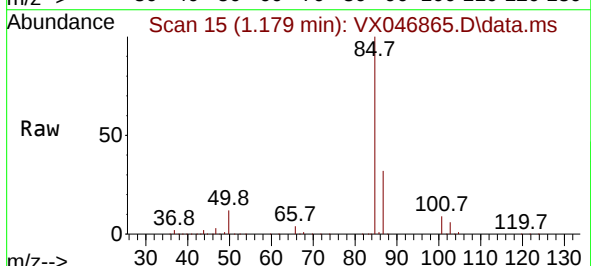
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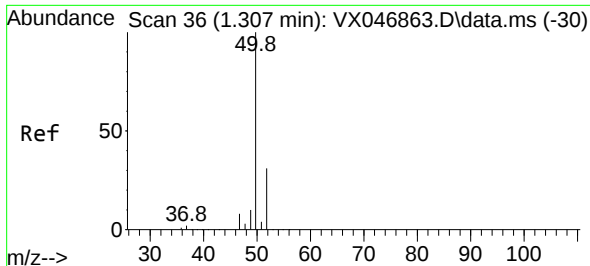
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#2
Dichlorodifluoromethane
Concen: 153.809 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

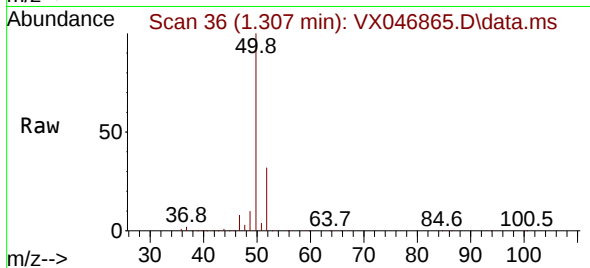
Tgt Ion: 85 Resp: 497096
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9





#3
Chloromethane
Concen: 152.188 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

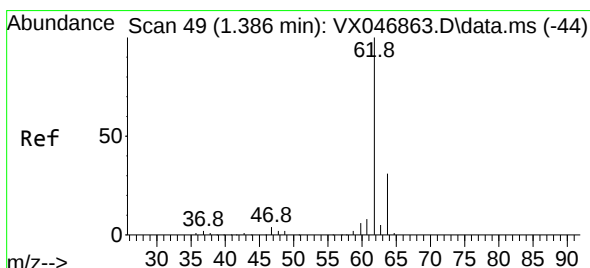
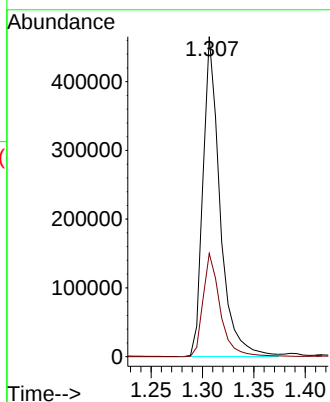
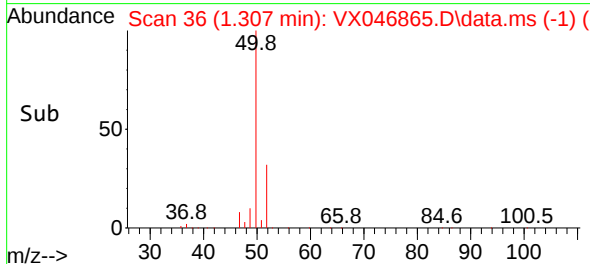
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 50 Resp: 53738
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4

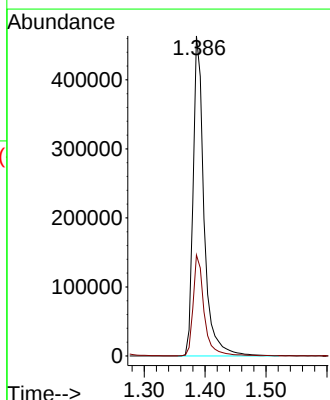
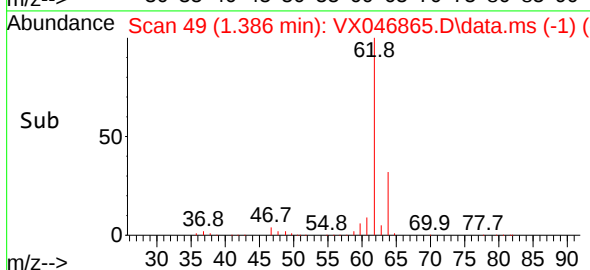
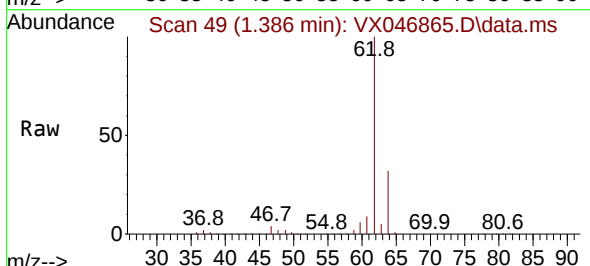
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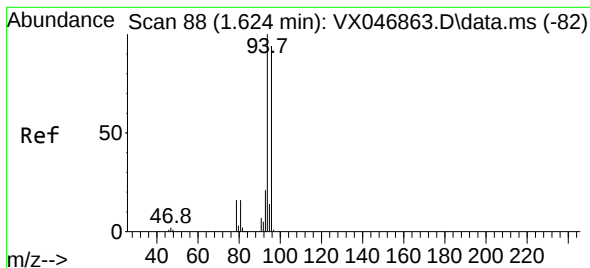
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#4
Vinyl Chloride
Concen: 149.346 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

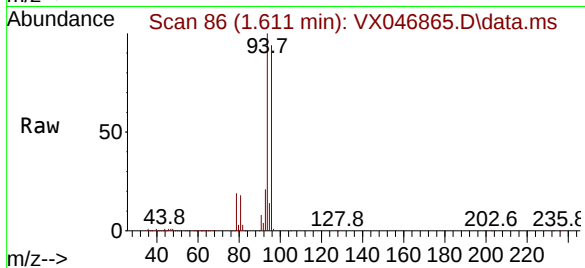
Tgt Ion: 62 Resp: 574277
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.4





#5
Bromomethane
Concen: 120.949 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.012 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

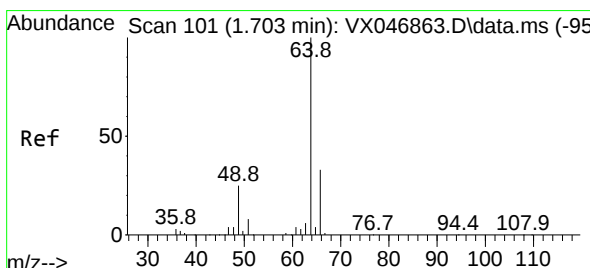
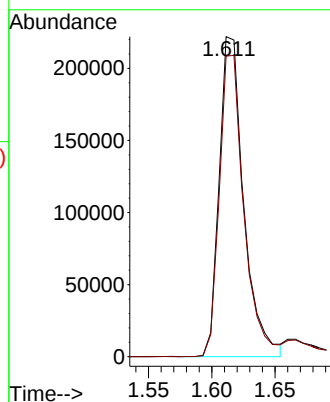
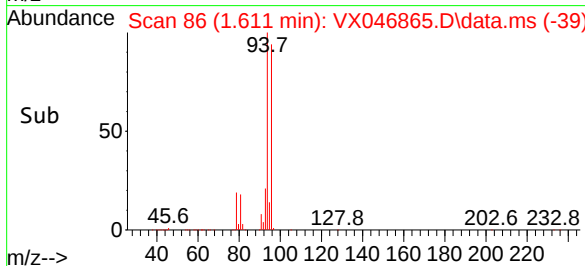
Instrument :
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Tgt Ion: 94 Resp: 298828
Ion Ratio Lower Upper
94 100
96 94.0 75.5 113.3

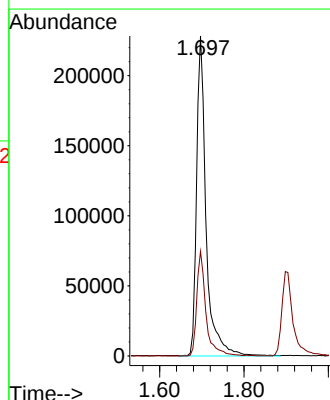
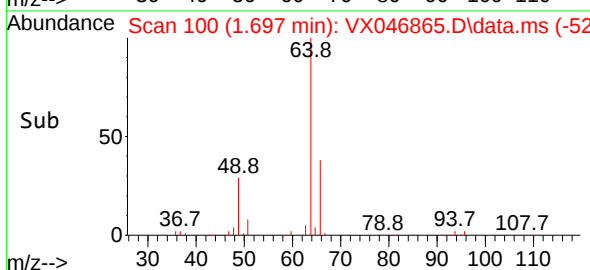
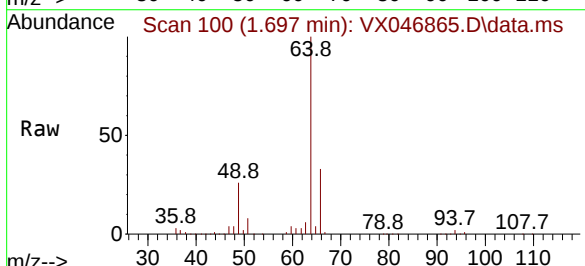
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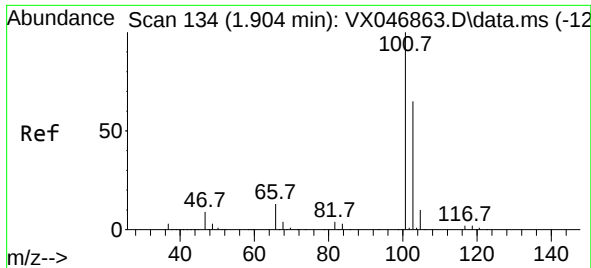
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#6
Chloroethane
Concen: 141.285 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion: 64 Resp: 358739
Ion Ratio Lower Upper
64 100
66 32.7 26.4 39.6





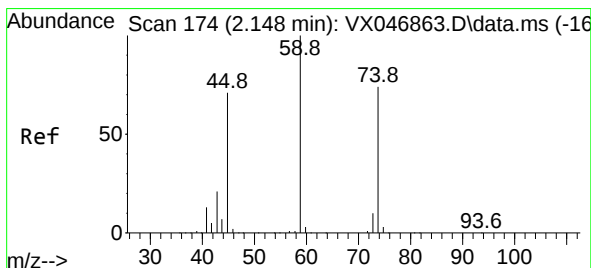
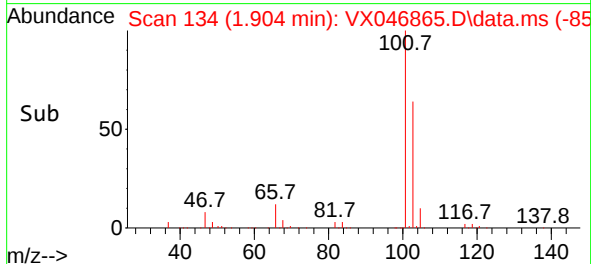
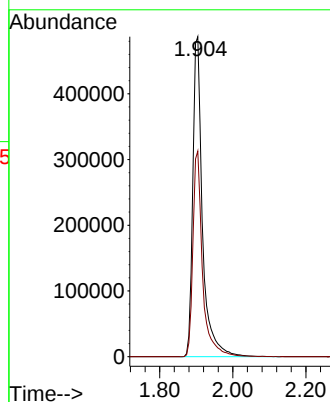
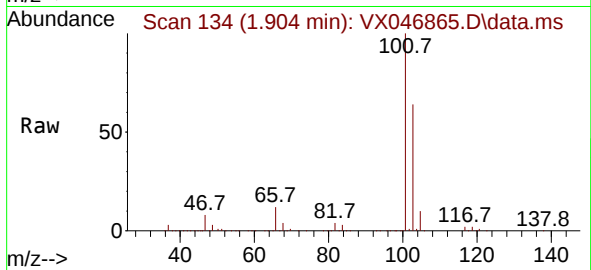
#7
Trichlorofluoromethane
Concen: 150.988 ug/l
RT: 1.904 min Scan# 134
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:101 Resp: 897728
Ion Ratio Lower Upper
101 100
103 64.2 51.9 77.9

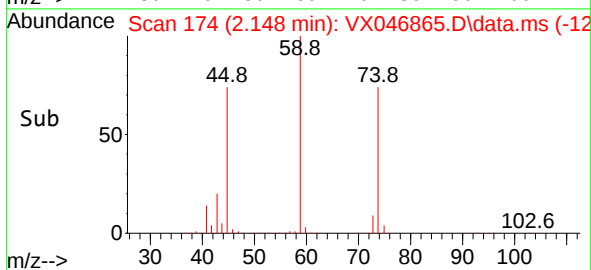
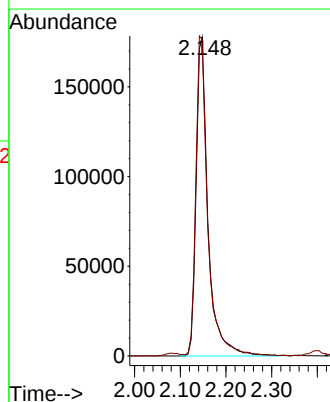
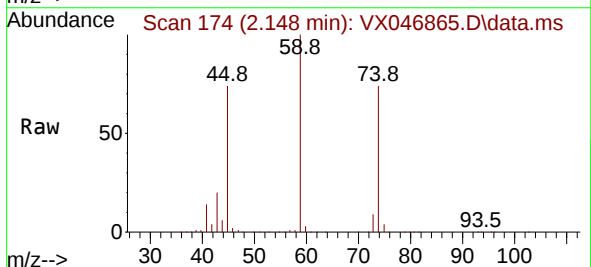
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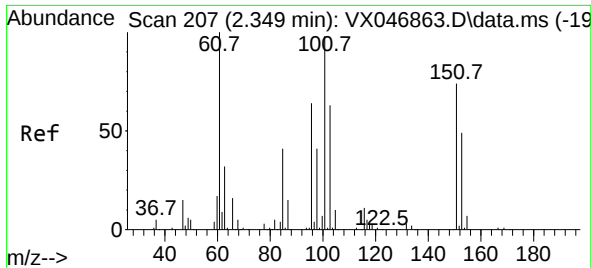
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#8
Diethyl Ether
Concen: 152.105 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion: 74 Resp: 321838
Ion Ratio Lower Upper
74 100
45 100.3 50.7 152.1





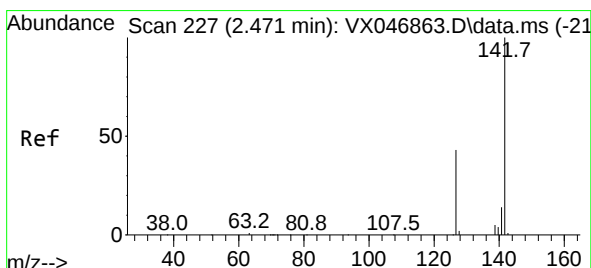
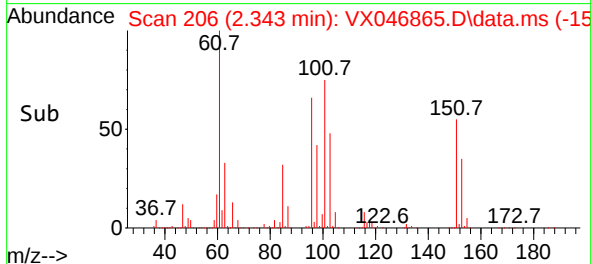
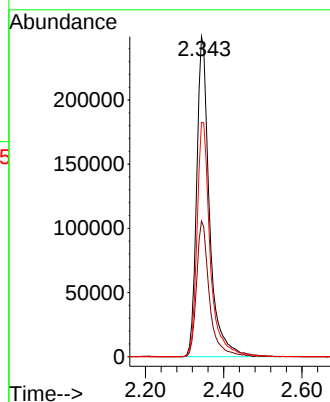
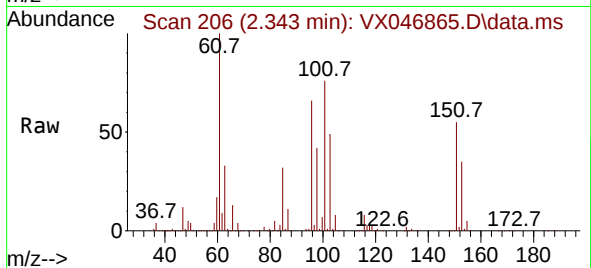
#9
1,1,2-Trichlorotrifluoroethane
Concen: 150.352 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:101 Resp: 56962
Ion Ratio Lower Upper
101 100
85 42.4 34.3 51.5
151 75.3 59.9 89.9

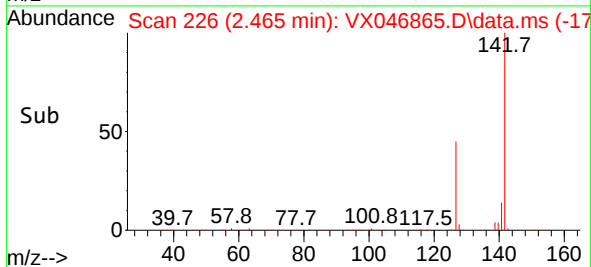
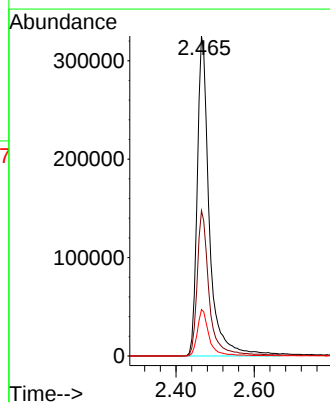
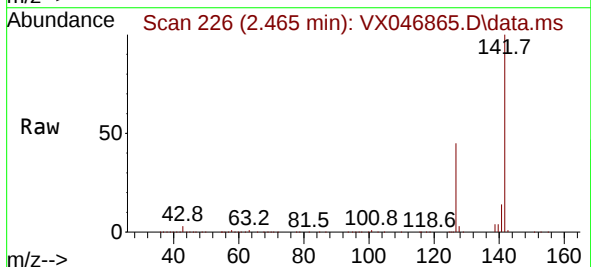
Manual Integrations
APPROVED

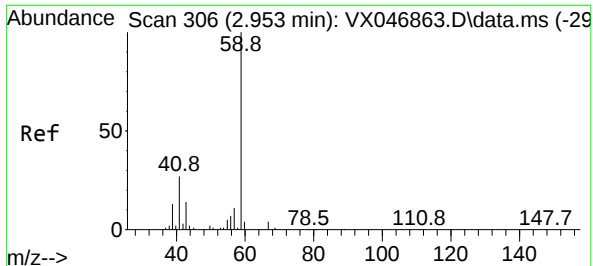
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#10
Methyl Iodide
Concen: 171.034 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

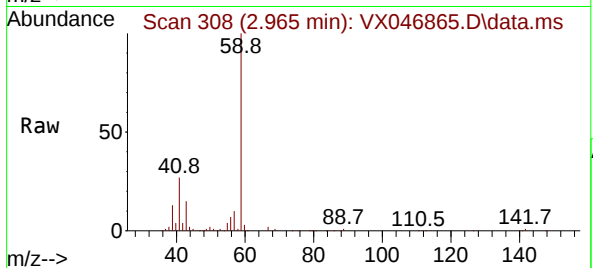
Tgt Ion:142 Resp: 705949
Ion Ratio Lower Upper
142 100
127 44.9 34.9 52.3
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 784.885 ug/l
RT: 2.965 min Scan# 306
Delta R.T. 0.012 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

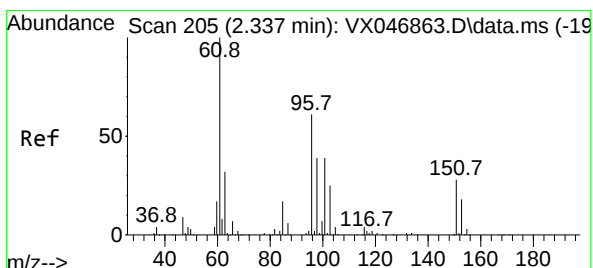
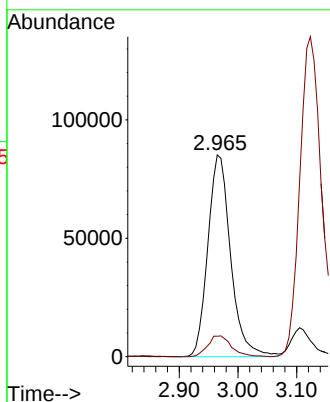
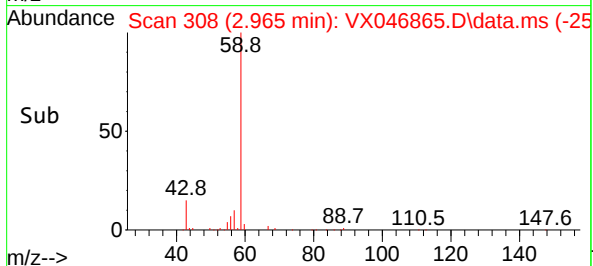
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 59 Resp: 229819
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

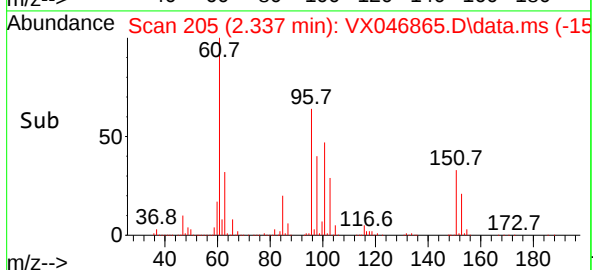
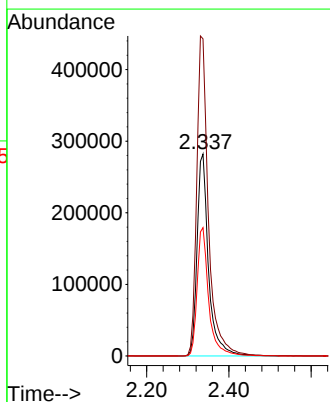
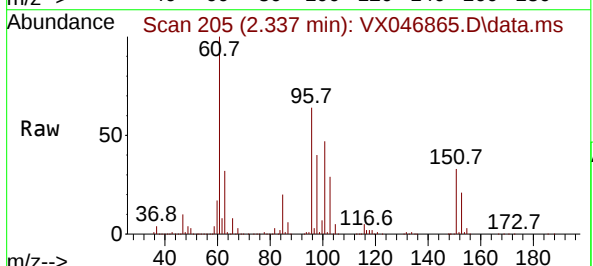
Manual Integrations
APPROVED

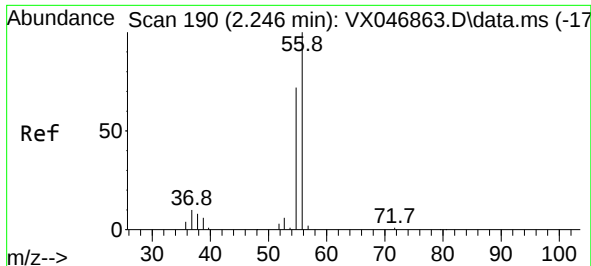
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#12
1,1-Dichloroethene
Concen: 149.400 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

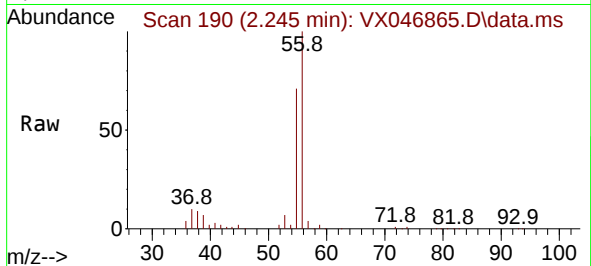
Tgt Ion: 96 Resp: 547474
Ion Ratio Lower Upper
96 100
61 157.0 130.2 195.4
98 63.6 51.3 76.9





#13
Acrolein
Concen: 754.434 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

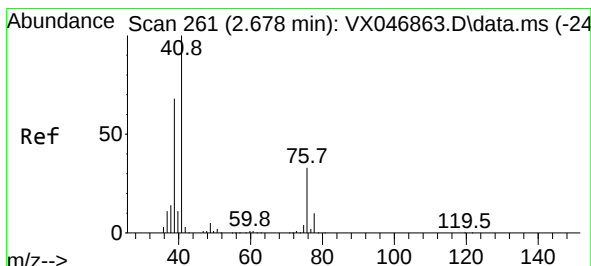
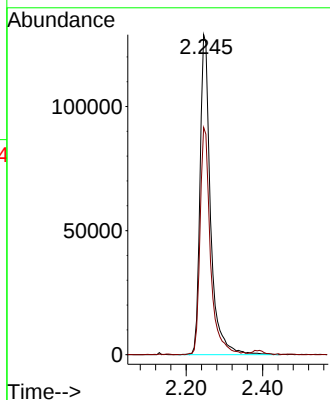
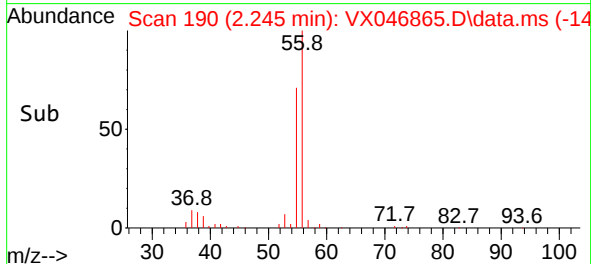
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 245973
Ion Ratio Lower Upper
56 100
55 70.8 55.5 83.3

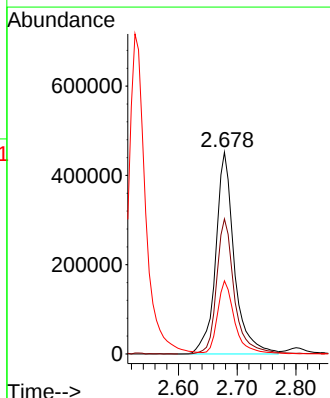
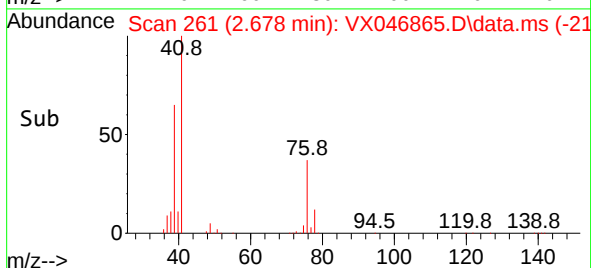
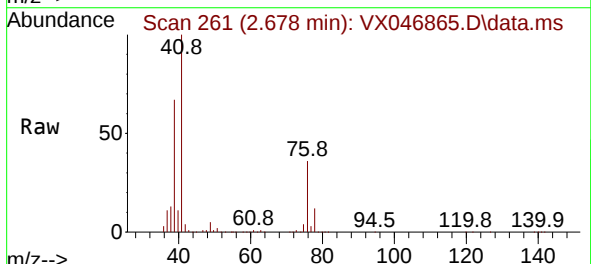
Manual Integrations
APPROVED

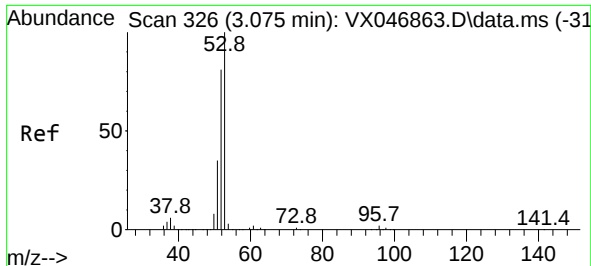
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#14
Allyl chloride
Concen: 152.745 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

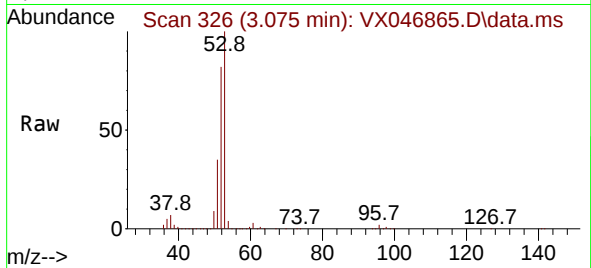
Tgt Ion: 41 Resp: 996540
Ion Ratio Lower Upper
41 100
39 64.3 52.0 78.0
76 33.6 26.2 39.2





#15
Acrylonitrile
Concen: 757.776 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

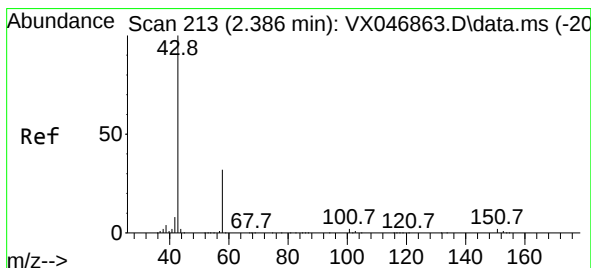
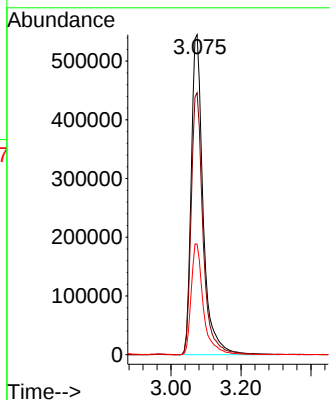
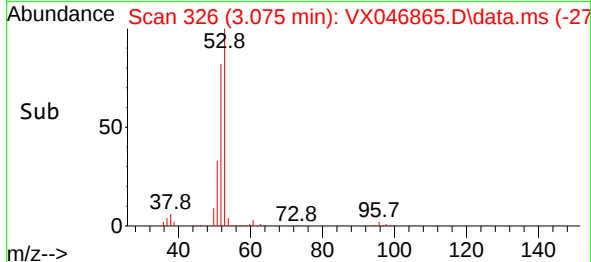
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 53 Resp: 128804
Ion Ratio Lower Upper
53 100
52 81.5 66.0 99.0
51 35.6 28.6 43.0

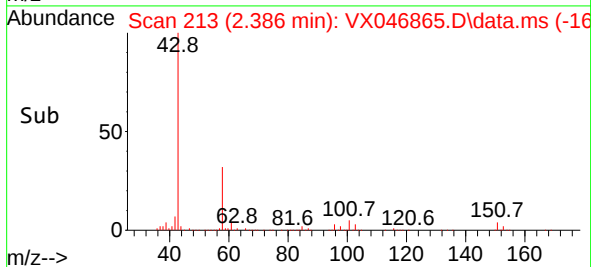
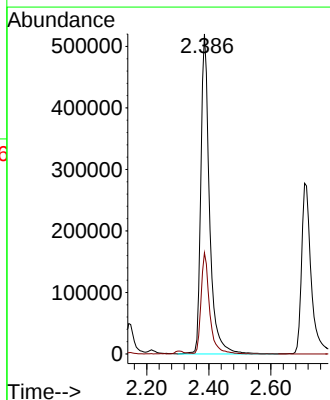
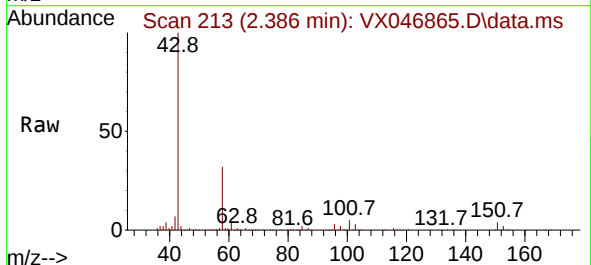
Manual Integrations
APPROVED

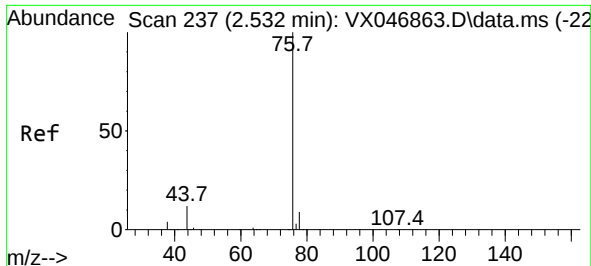
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#16
Acetone
Concen: 730.677 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

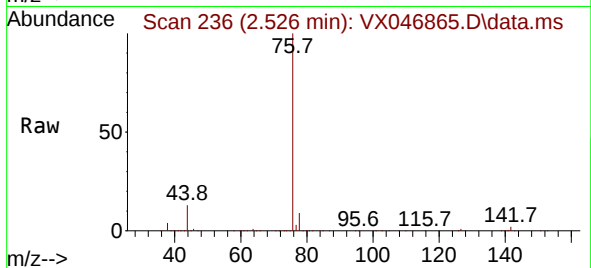
Tgt Ion: 43 Resp: 1013283
Ion Ratio Lower Upper
43 100
58 31.6 25.8 38.6





#17
Carbon Disulfide
Concen: 145.111 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

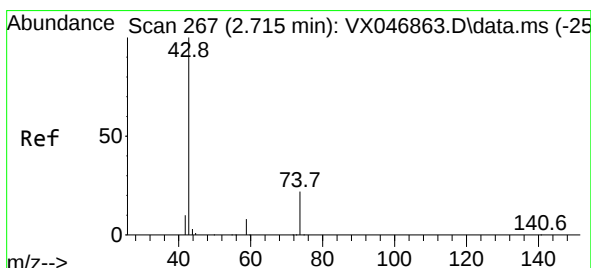
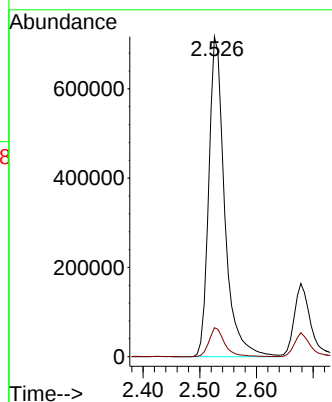
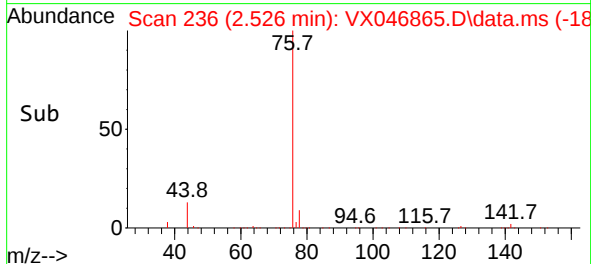
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 76 Resp: 139454
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

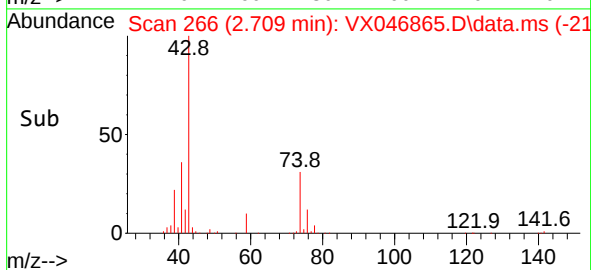
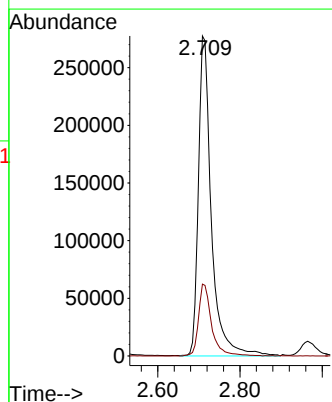
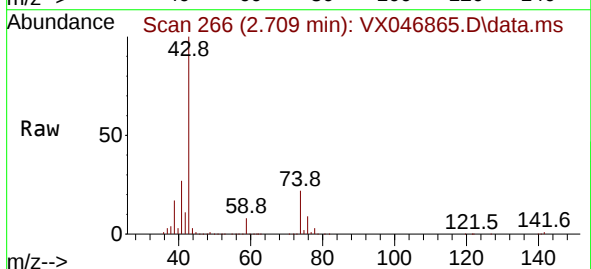
Manual Integrations
APPROVED

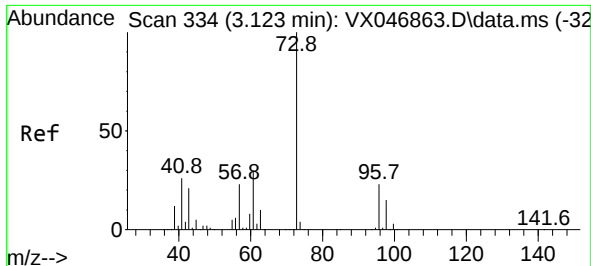
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#18
Methyl Acetate
Concen: 166.116 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

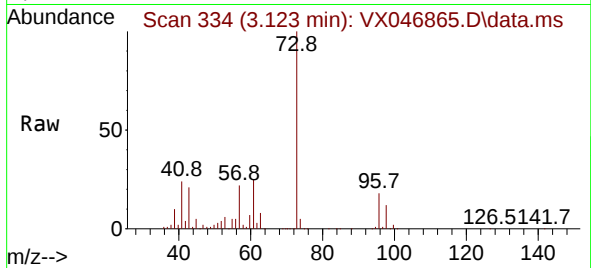
Tgt Ion: 43 Resp: 607185
Ion Ratio Lower Upper
43 100
74 22.6 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 158.264 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

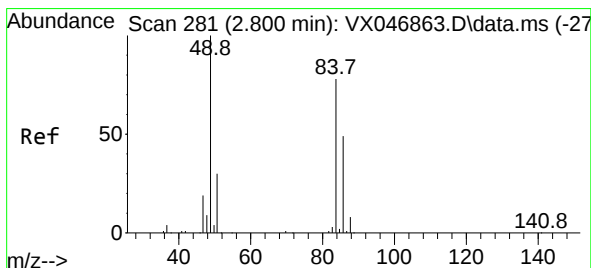
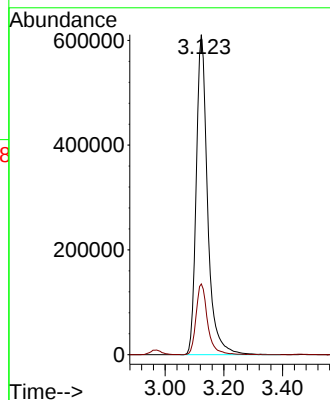
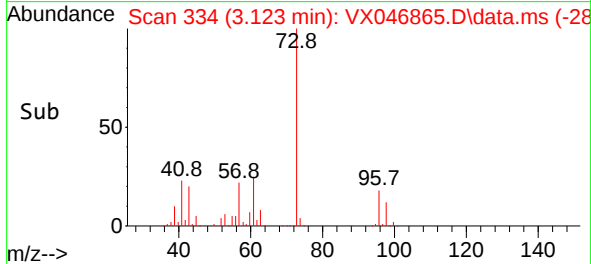
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 73 Resp: 163775
Ion Ratio Lower Upper
73 100
57 22.1 18.6 28.0

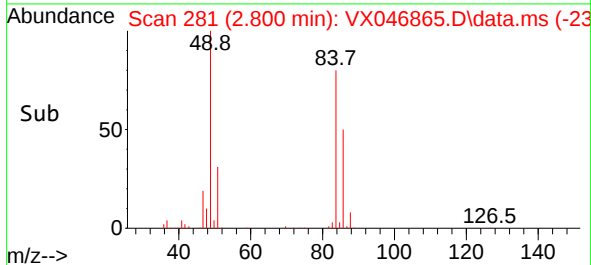
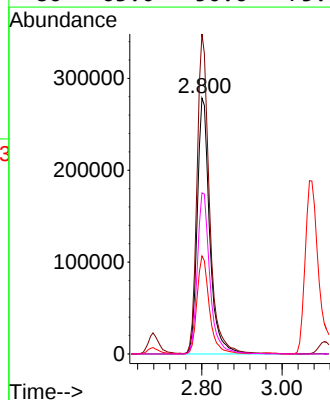
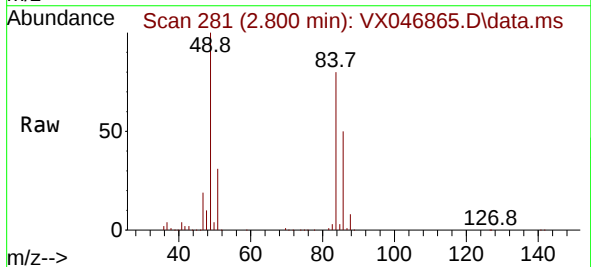
Manual Integrations
APPROVED

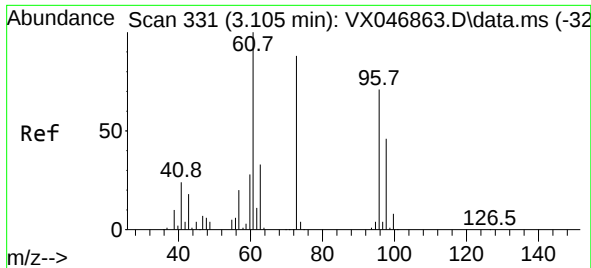
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 145.441 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

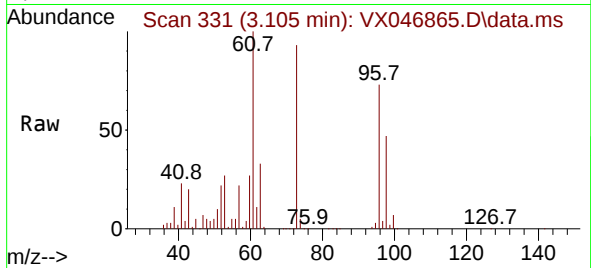
Tgt Ion: 84 Resp: 596413
Ion Ratio Lower Upper
84 100
49 124.9 102.8 154.2
51 38.3 31.1 46.7
86 63.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 147.398 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

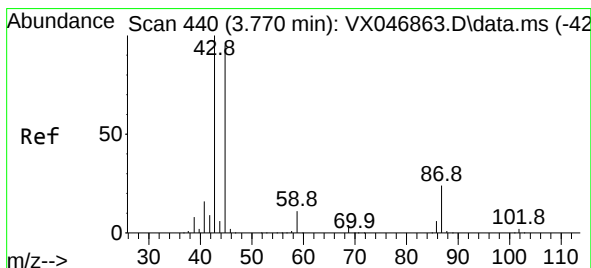
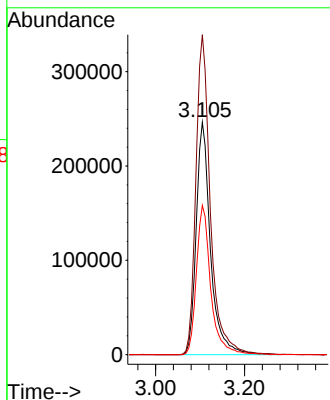
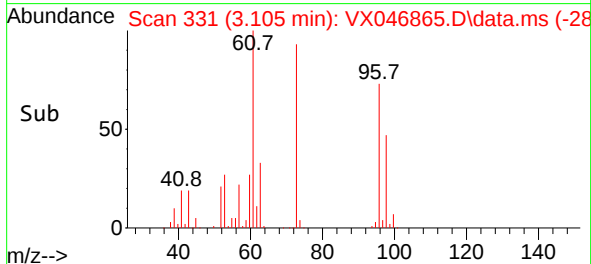
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 55270
Ion Ratio Lower Upper
96 100
61 137.6 113.4 170.2
98 64.2 51.8 77.6

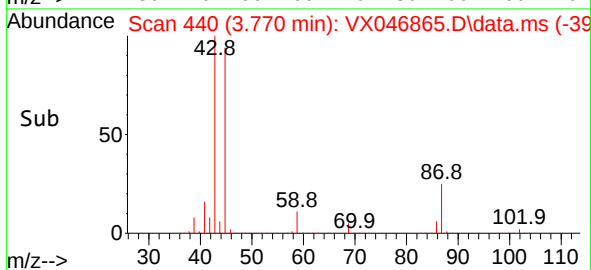
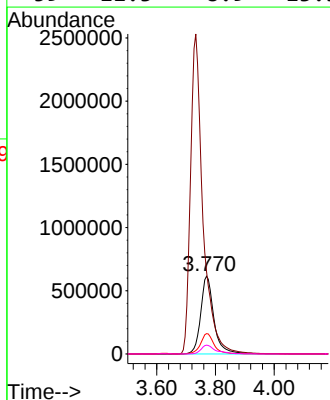
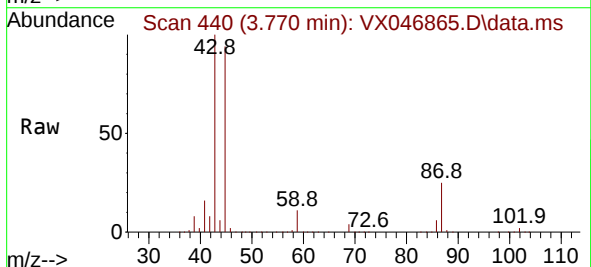
Manual Integrations
APPROVED

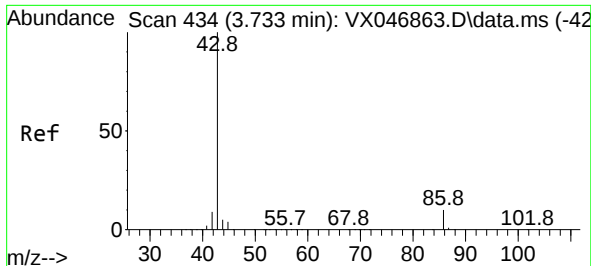
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#22
Diisopropyl ether
Concen: 152.282 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion: 45 Resp: 1919430
Ion Ratio Lower Upper
45 100
43 106.1 84.2 126.4
87 26.2 20.3 30.5
59 11.3 8.9 13.3





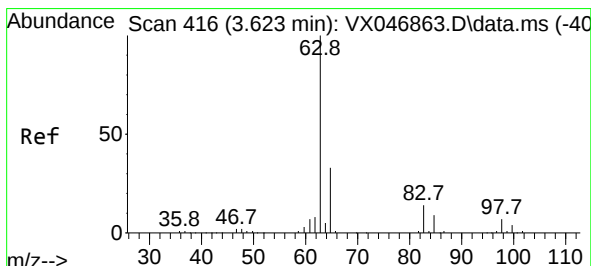
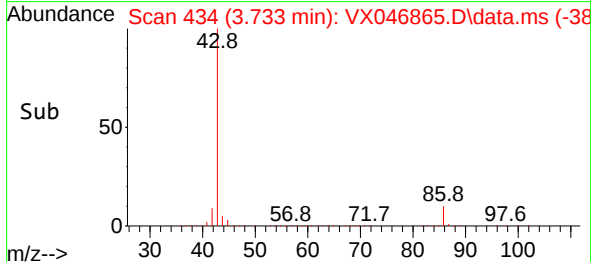
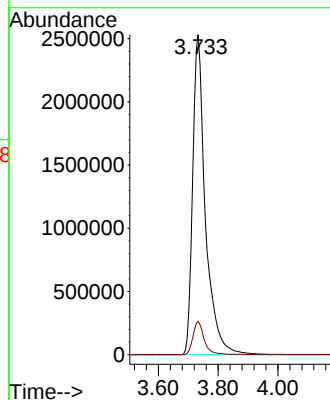
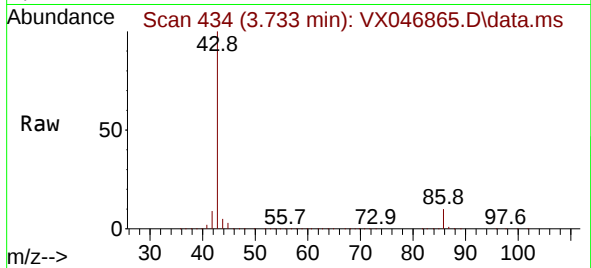
#23
 Vinyl Acetate
 Concen: 791.755 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046865.D
 Acq: 02 Jul 2025 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 747652
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.2 12.4

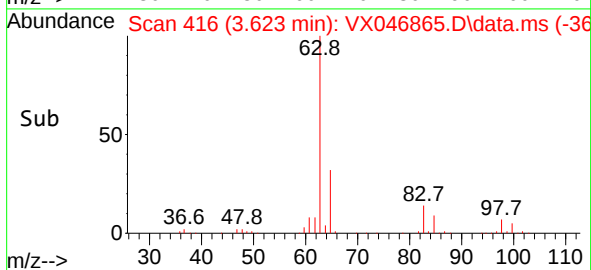
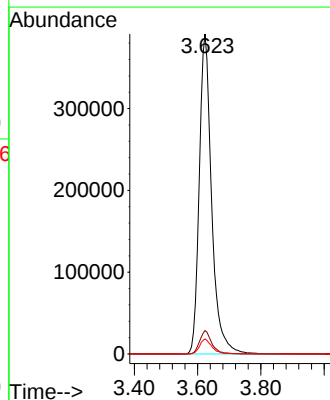
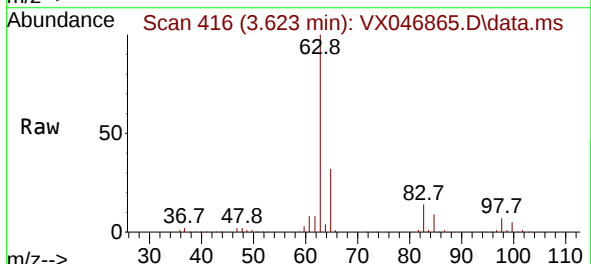
Manual Integrations
 APPROVED

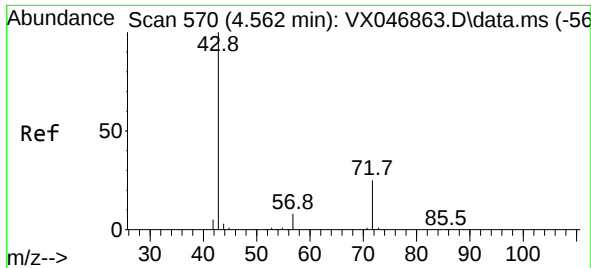
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#24
 1,1-Dichloroethane
 Concen: 148.024 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046865.D
 Acq: 02 Jul 2025 14:31

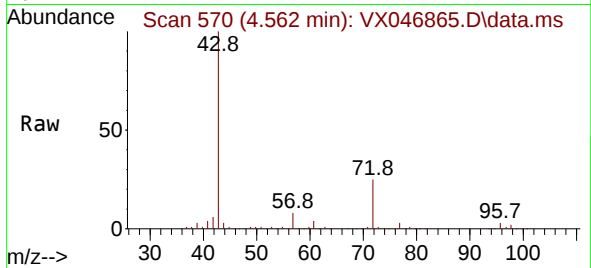
Tgt Ion: 63 Resp: 1064068
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.7 2.3 6.9





#25
2-Butanone
Concen: 783.522 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

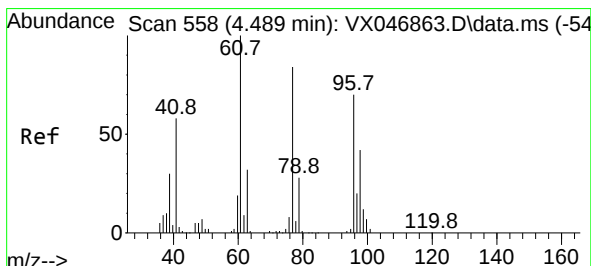
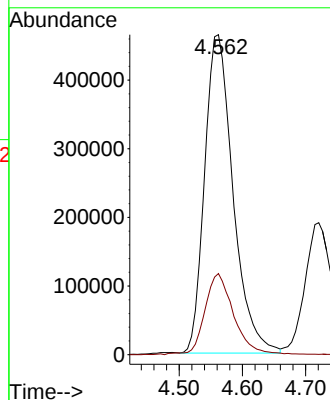
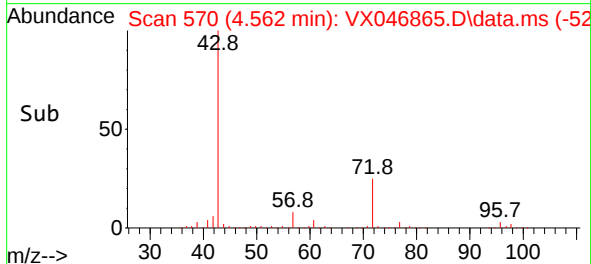
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 144968
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0

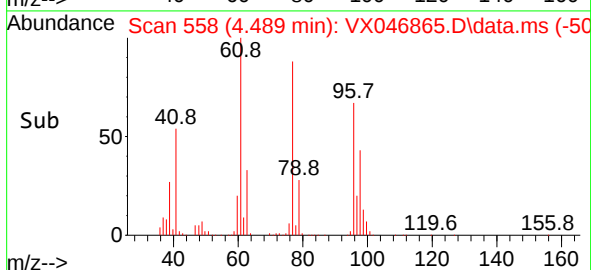
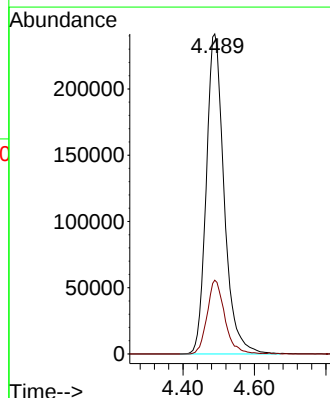
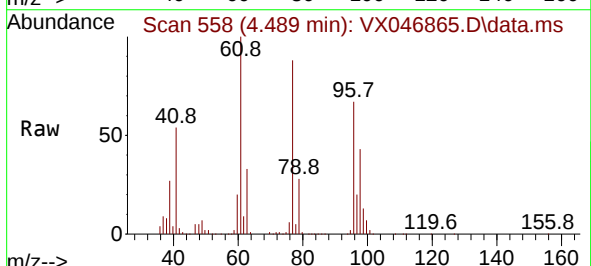
Manual Integrations
APPROVED

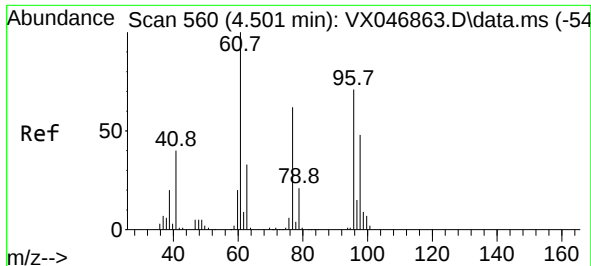
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#26
2,2-Dichloropropane
Concen: 156.539 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion: 77 Resp: 837466
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 147.435 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 96 Resp: 67498

Ion Ratio Lower Upper

96 100

61 144.6 0.0 288.6

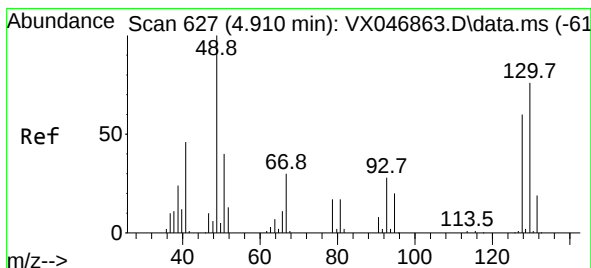
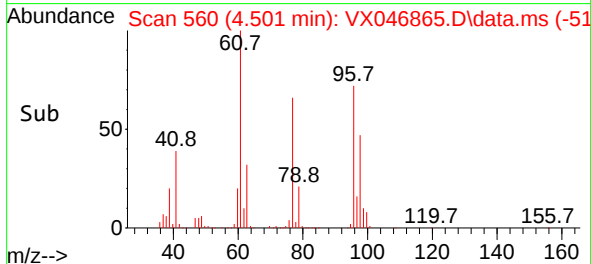
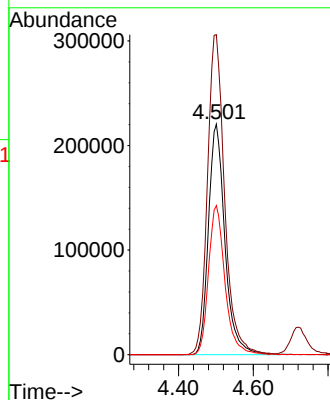
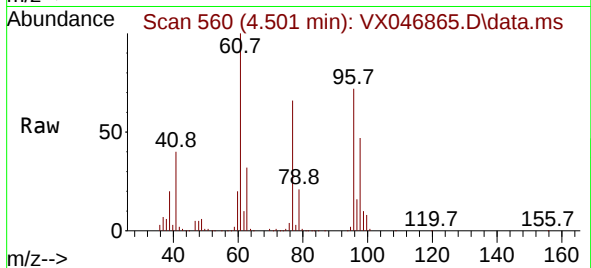
98 64.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#28

Bromochloromethane

Concen: 145.311 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

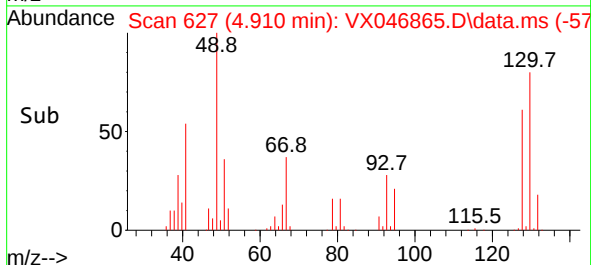
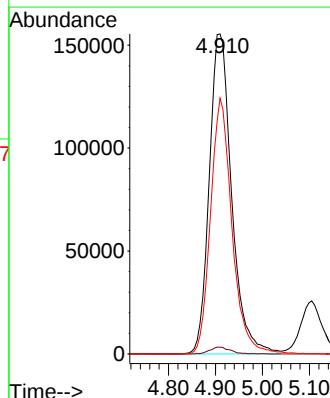
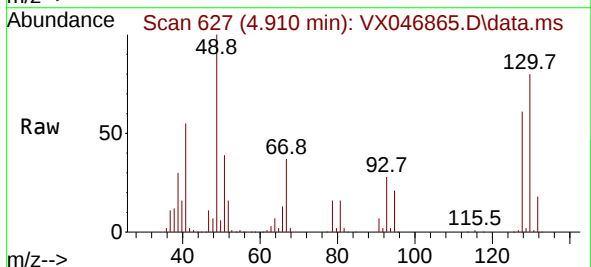
Tgt Ion: 49 Resp: 515523

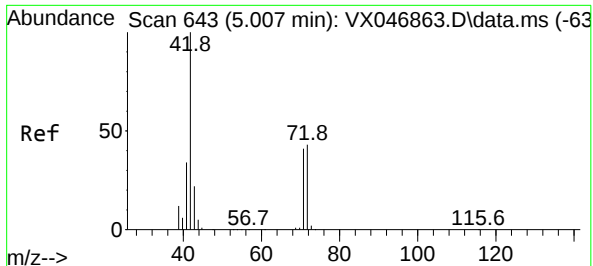
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.2

130 76.4 61.7 92.5





#29

Tetrahydrofuran

Concen: 787.145 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 928390

Ion Ratio Lower Upper

42 100

72 43.7 35.1 52.7

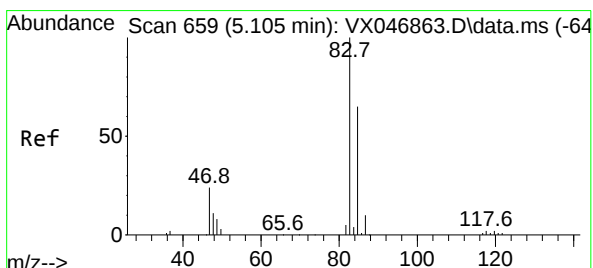
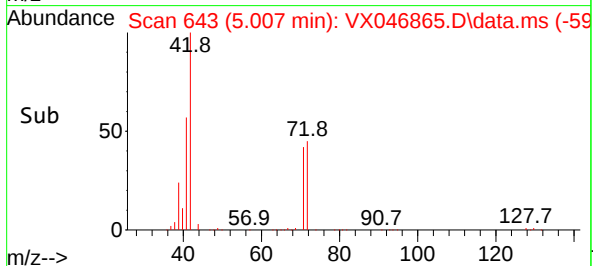
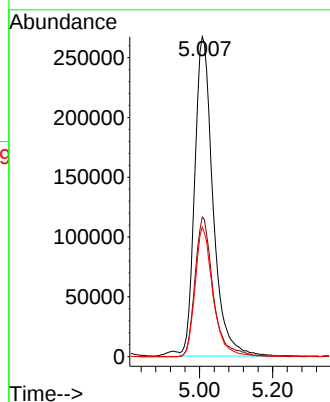
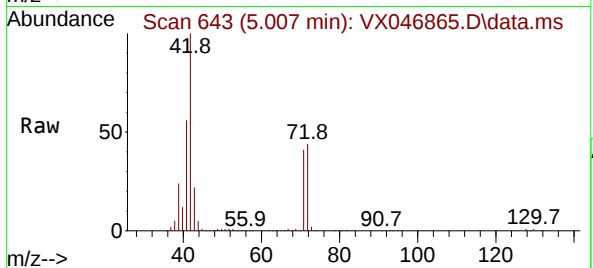
71 39.8 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#30

Chloroform

Concen: 144.942 ug/l

RT: 5.105 min Scan# 659

Delta R.T. -0.000 min

Lab File: VX046865.D

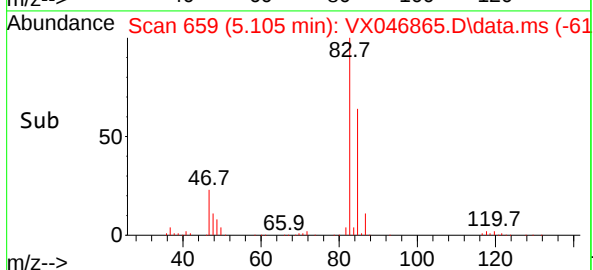
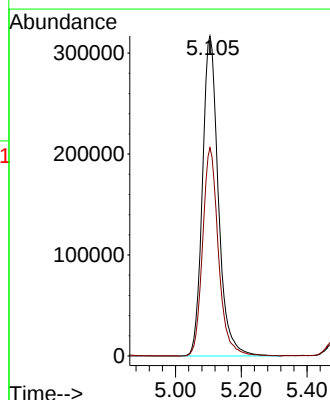
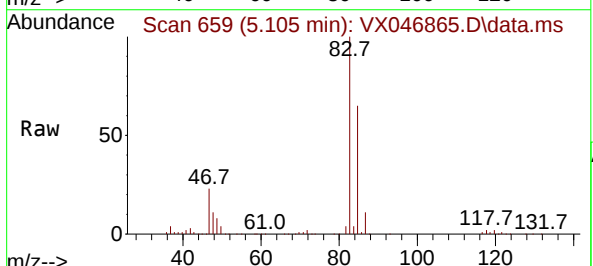
Acq: 02 Jul 2025 14:31

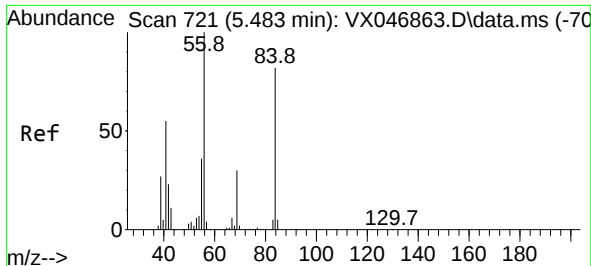
Tgt Ion: 83 Resp: 1064448

Ion Ratio Lower Upper

83 100

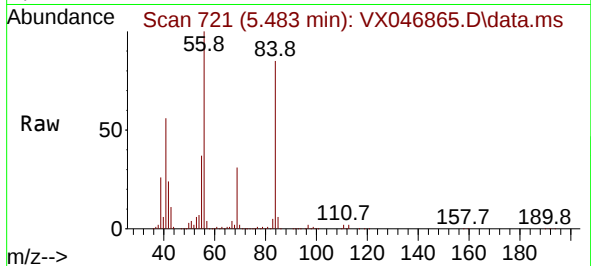
85 65.1 51.8 77.8





#31
Cyclohexane
Concen: 147.249 ug/l
RT: 5.483 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

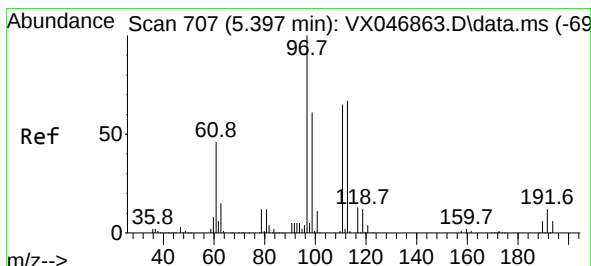
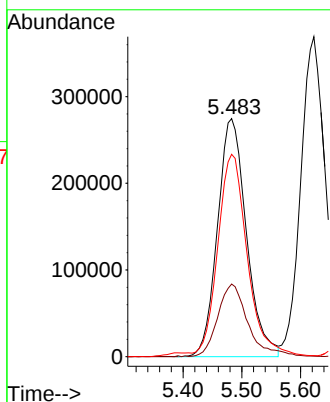
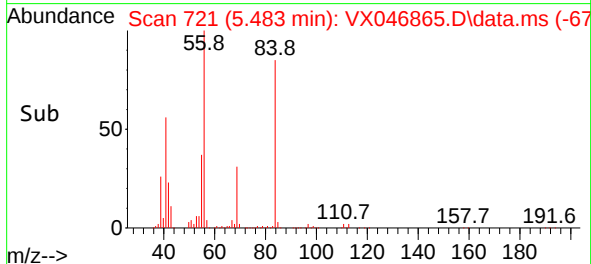
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



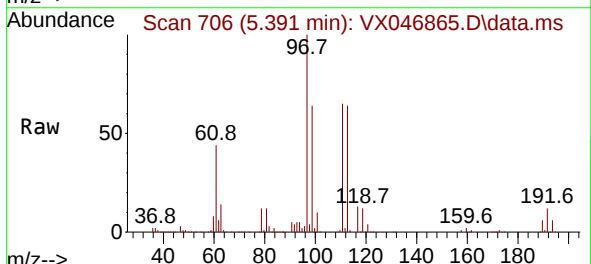
Tgt Ion: 56 Resp: 93969
Ion Ratio Lower Upper
56 100
69 30.1 24.0 36.0
84 83.3 66.5 99.7

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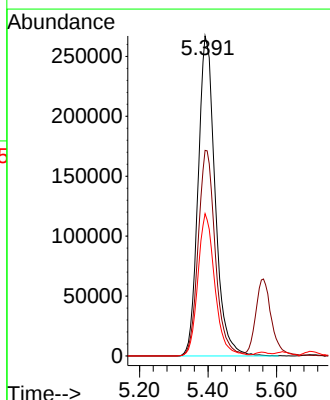
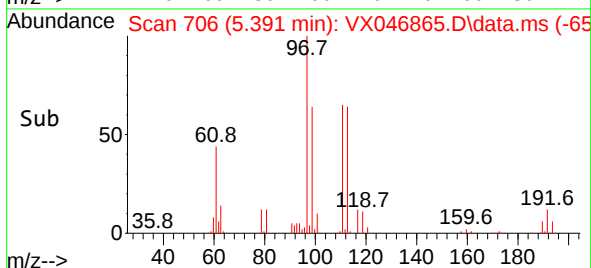
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

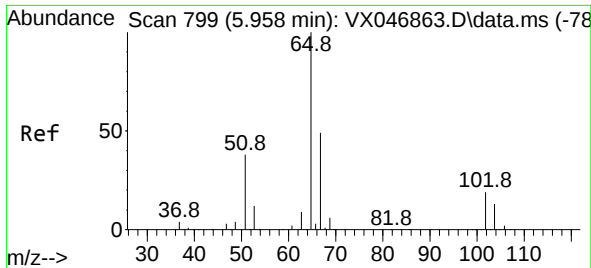


#32
1,1,1-Trichloroethane
Concen: 150.332 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



Tgt Ion: 97 Resp: 922378
Ion Ratio Lower Upper
97 100
99 64.4 50.6 76.0
61 44.3 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 145.436 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 64930

Ion Ratio Lower Upper

65 100

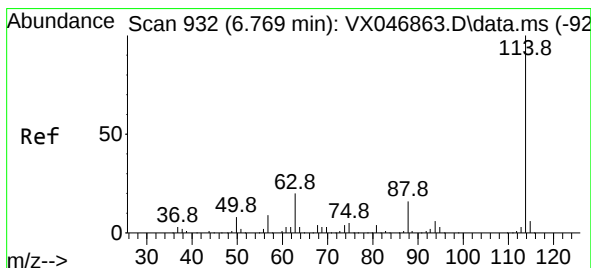
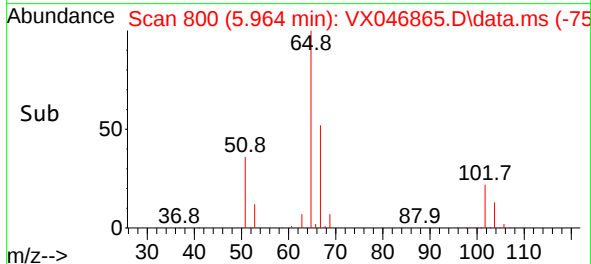
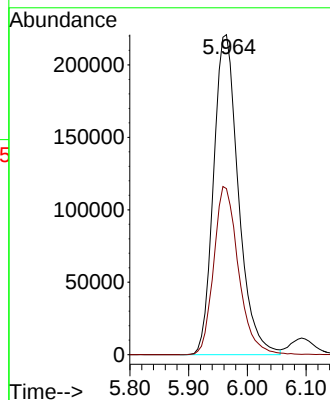
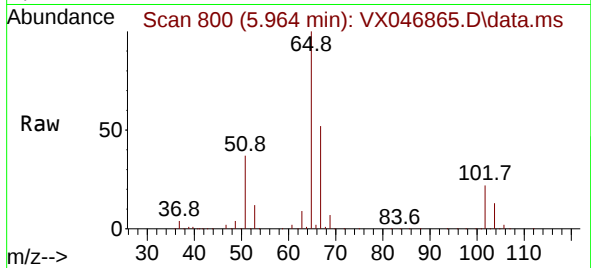
67 52.3 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

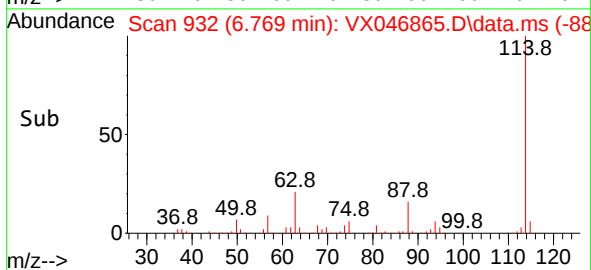
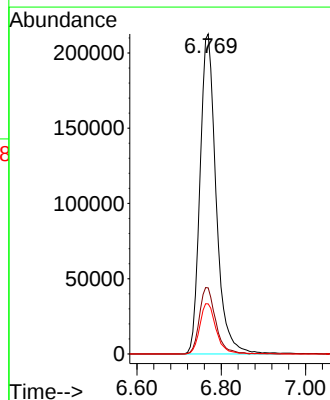
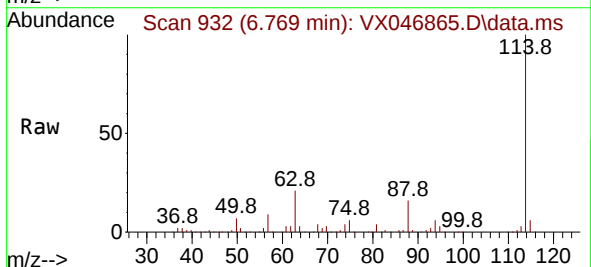
Tgt Ion:114 Resp: 564585

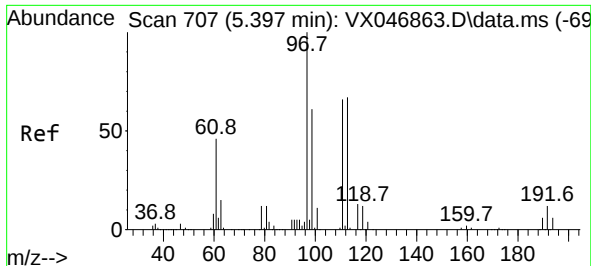
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.4

88 15.7 0.0 31.0





#35

Dibromofluoromethane

Concen: 143.554 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 550160

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

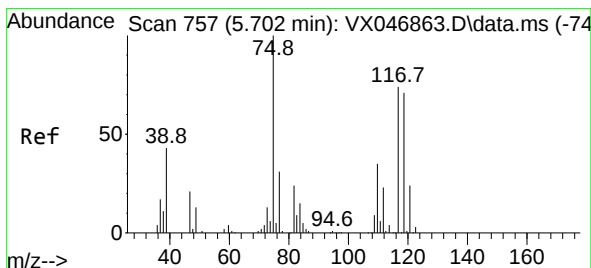
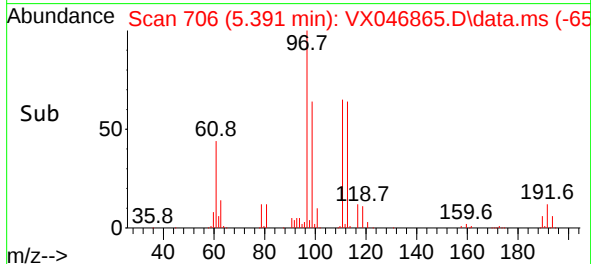
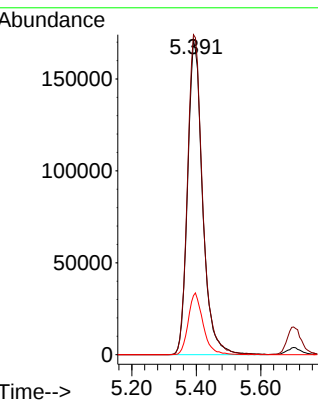
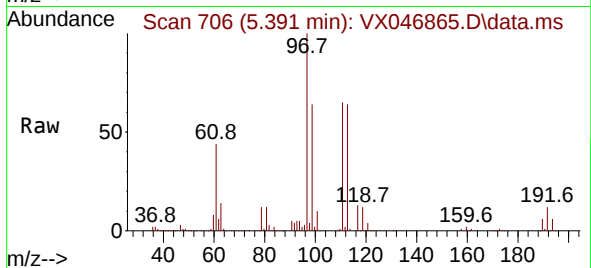
192 19.4 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#36

1,1-Dichloropropene

Concen: 142.995 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

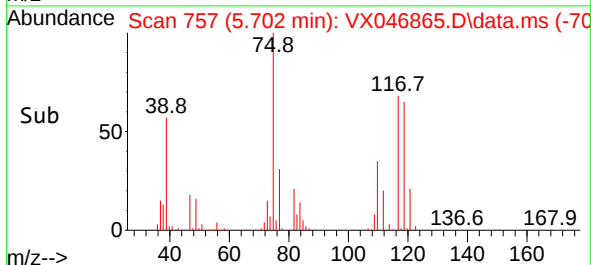
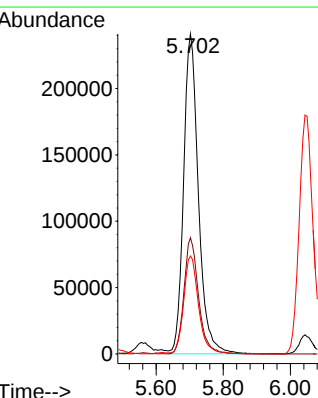
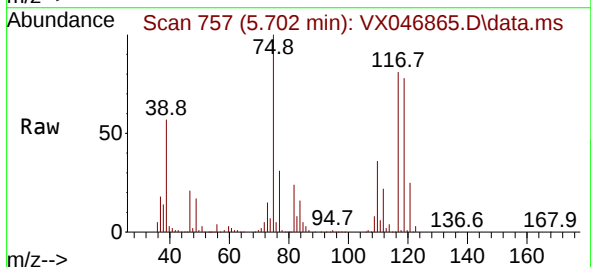
Tgt Ion: 75 Resp: 739394

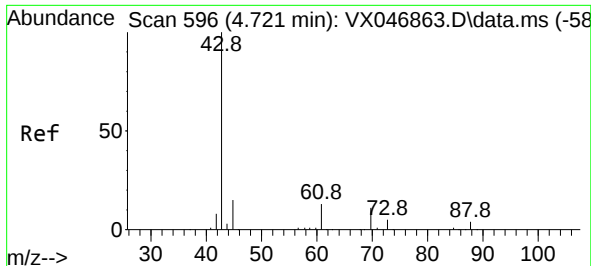
Ion Ratio Lower Upper

75 100

110 35.6 17.3 51.9

77 30.8 24.2 36.4





#37

Ethyl Acetate

Concen: 143.396 ug/l

RT: 4.721 min Scan# 596

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

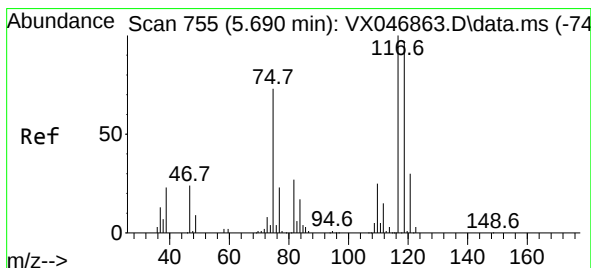
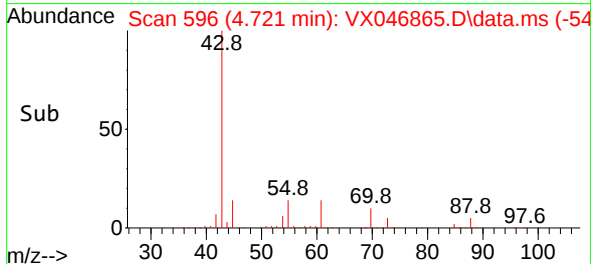
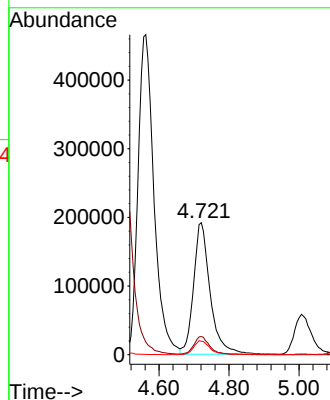
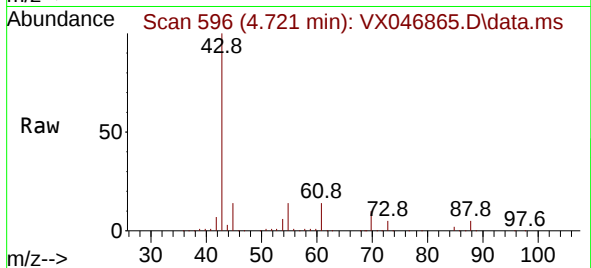
VSTDIC150

Tgt Ion: 43 Resp: 63152

Ion	Ratio	Lower	Upper
43	100		
61	13.3	9.7	14.5
70	10.2	8.3	12.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#38

Carbon Tetrachloride

Concen: 146.250 ug/l

RT: 5.684 min Scan# 754

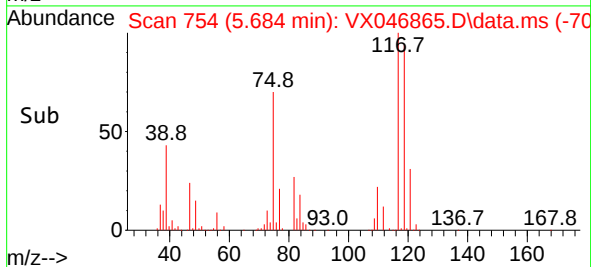
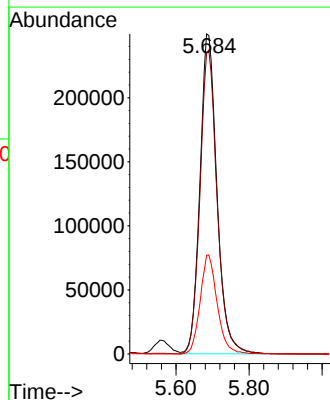
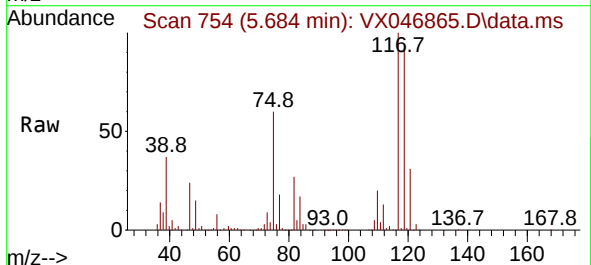
Delta R.T. -0.006 min

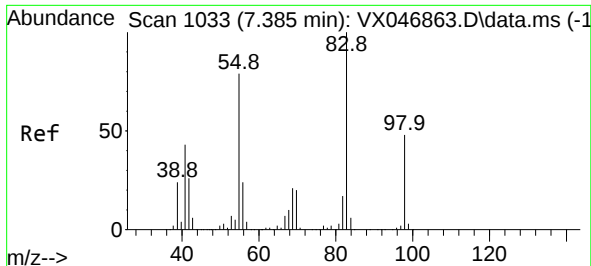
Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Tgt Ion:117 Resp: 809906

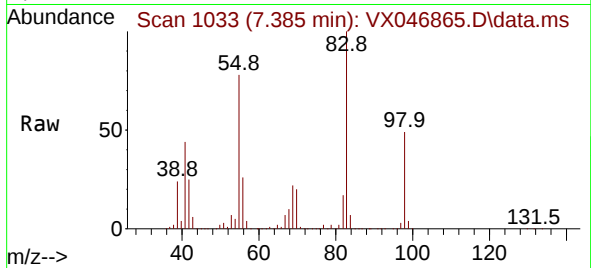
Ion	Ratio	Lower	Upper
117	100		
119	94.0	76.6	114.8
121	30.8	24.1	36.1





#39
Methylcyclohexane
Concen: 150.724 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

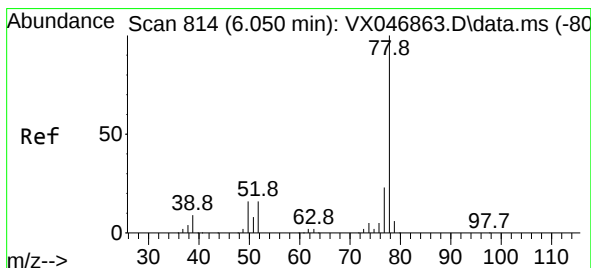
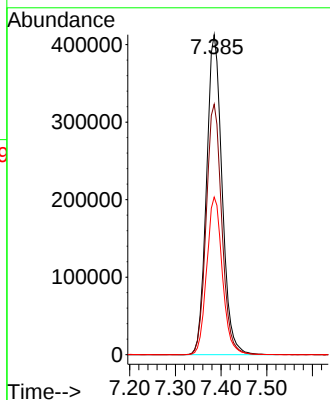
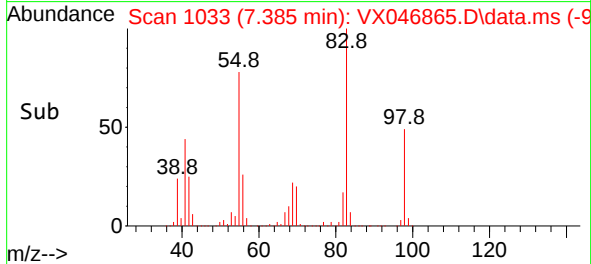
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 97490
Ion Ratio Lower Upper
83 100
55 78.3 63.0 94.4
98 49.2 38.5 57.7

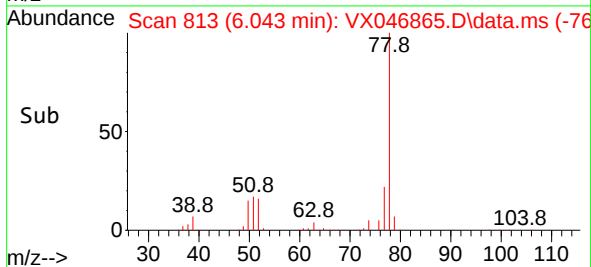
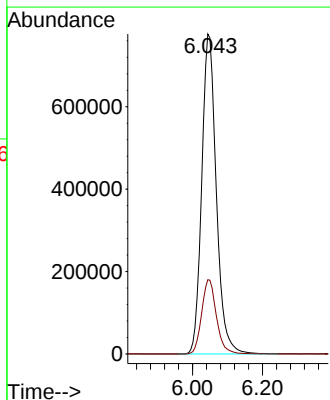
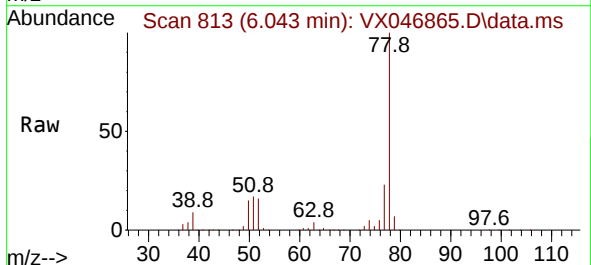
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#40
Benzene
Concen: 143.418 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

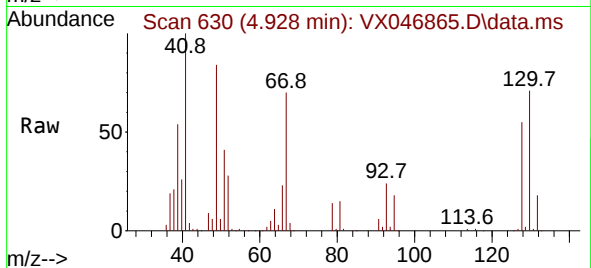
Tgt Ion: 78 Resp: 2243029
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1





#41
Methacrylonitrile
Concen: 159.945 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

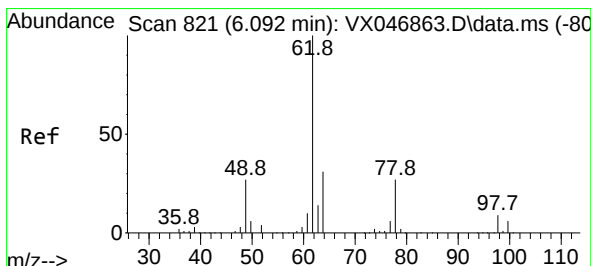
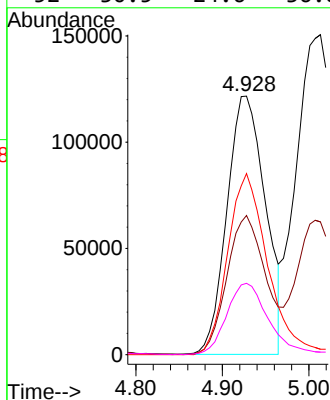
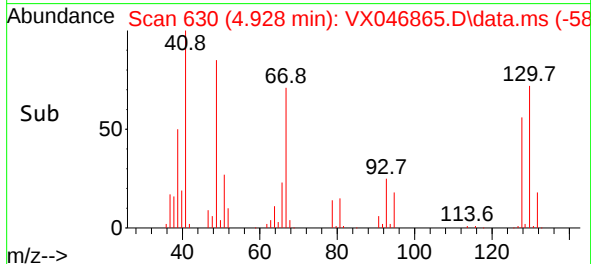
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 41 Resp: 37576
Ion Ratio Lower Upper
41 100
39 55.2 43.0 64.4
67 73.9 60.2 90.2
52 30.5 24.6 36.8

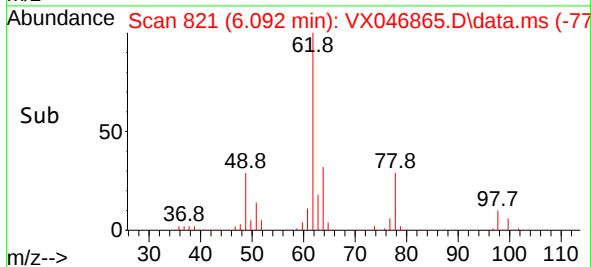
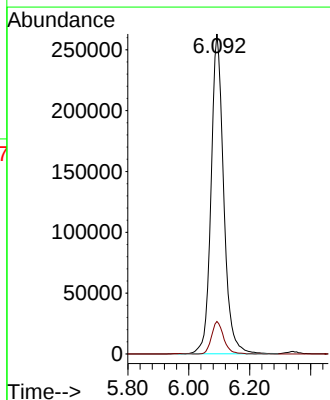
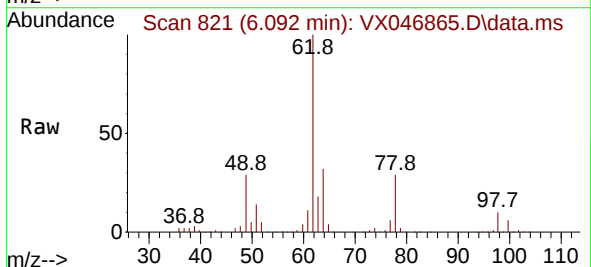
Manual Integrations
APPROVED

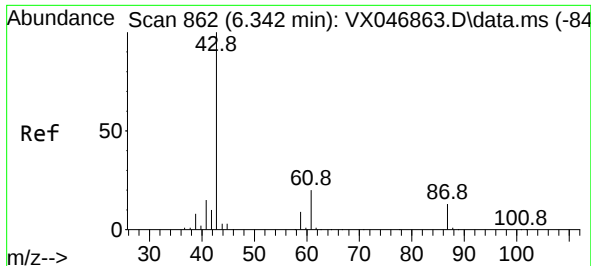
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#42
1,2-Dichloroethane
Concen: 142.387 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

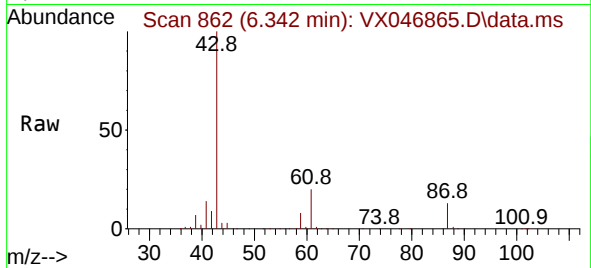
Tgt Ion: 62 Resp: 756183
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 163.711 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

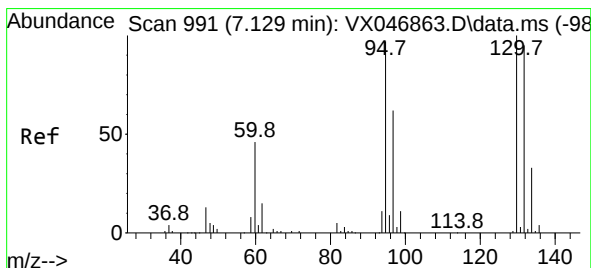
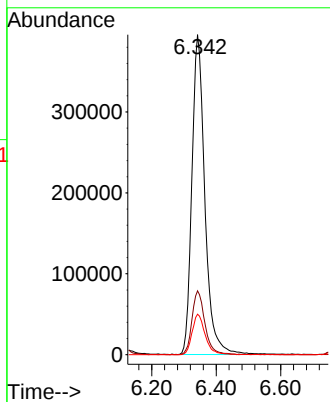
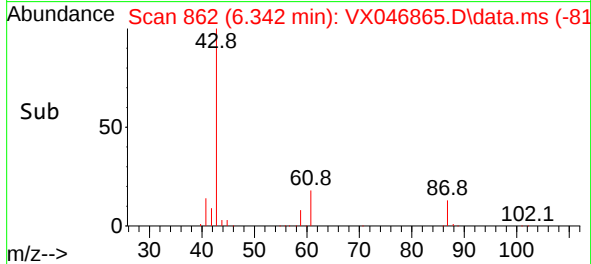
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 1104339
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 12.7 10.1 15.1

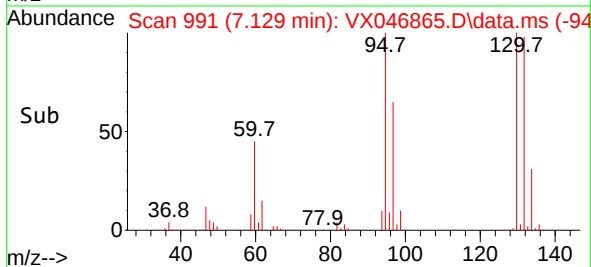
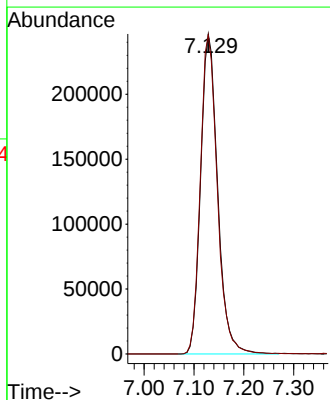
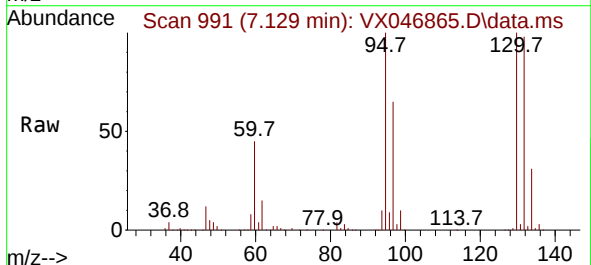
Manual Integrations
APPROVED

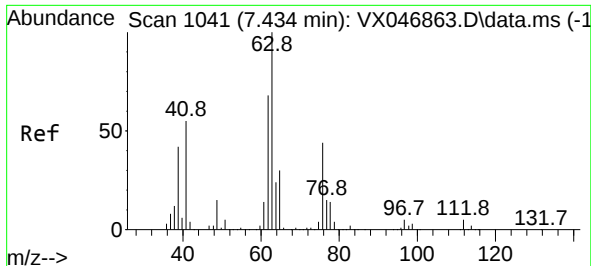
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#44
Trichloroethene
Concen: 143.298 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion:130 Resp: 583397
Ion Ratio Lower Upper
130 100
95 99.7 0.0 194.2





#45

1,2-Dichloropropane

Concen: 146.587 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 63 Resp: 579224

Ion Ratio Lower Upper

63 100

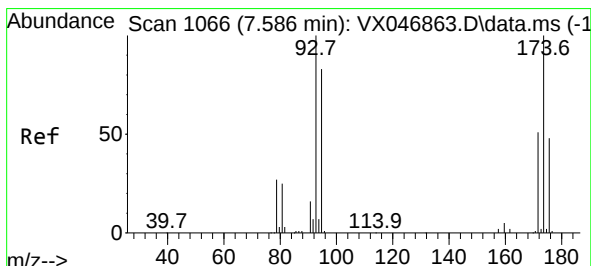
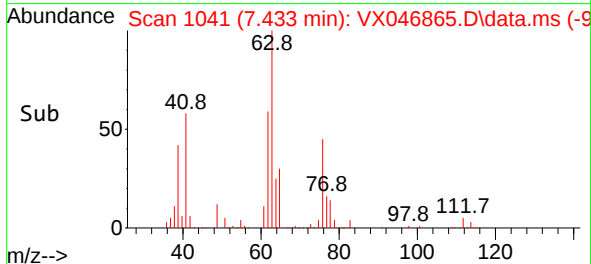
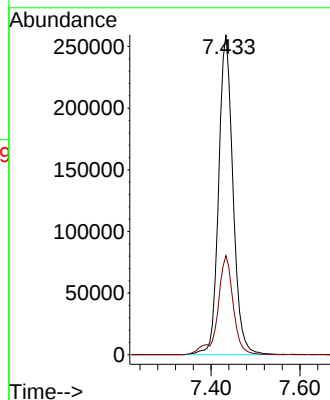
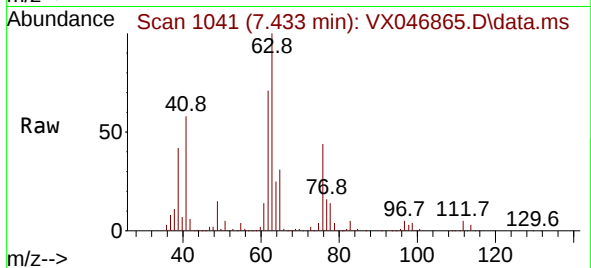
65 30.9 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#46

Dibromomethane

Concen: 146.592 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

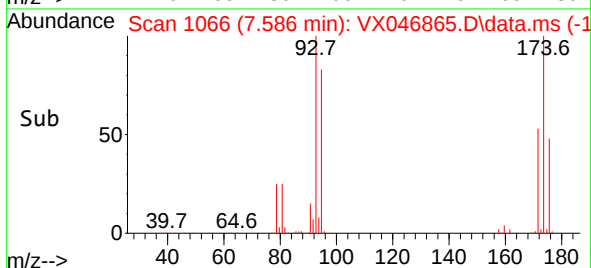
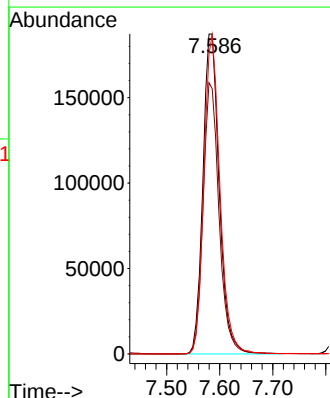
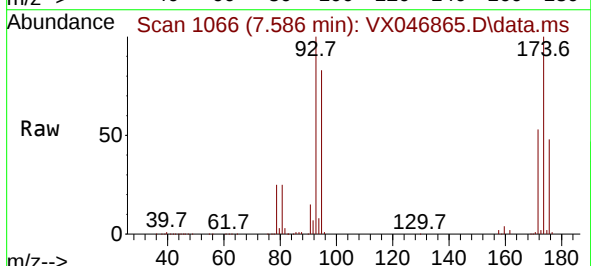
Tgt Ion: 93 Resp: 401338

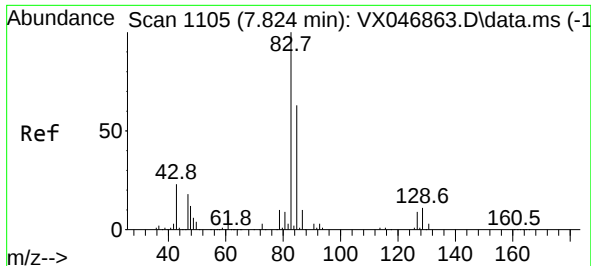
Ion Ratio Lower Upper

93 100

95 82.9 66.6 99.8

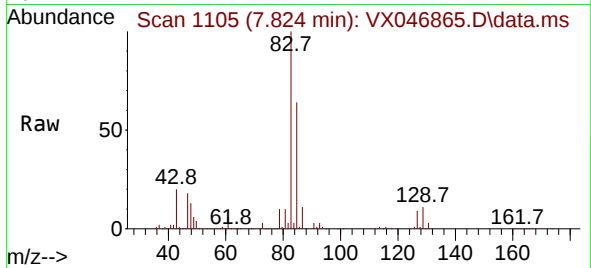
174 97.7 77.4 116.2





#47
Bromodichloromethane
Concen: 146.803 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

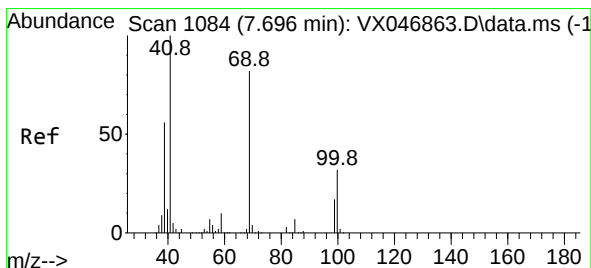
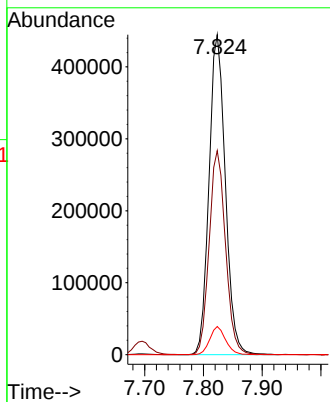
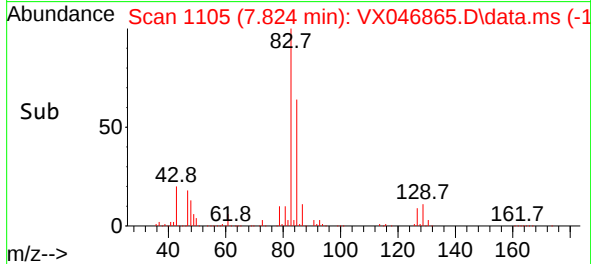
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



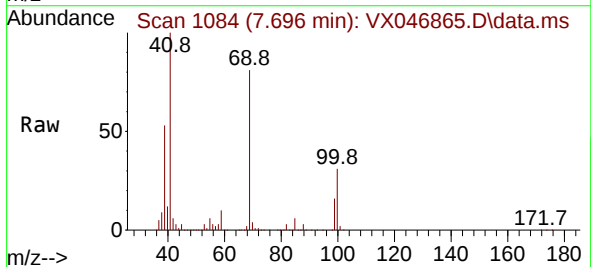
Tgt Ion: 83 Resp: 85818
Ion Ratio Lower Upper
83 100
85 63.7 50.2 75.4
127 8.8 7.1 10.7

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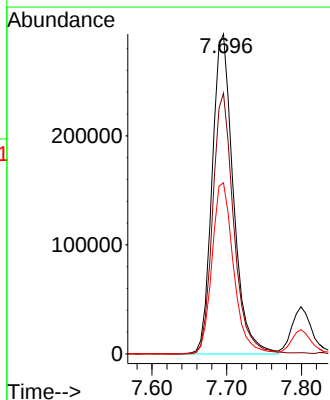
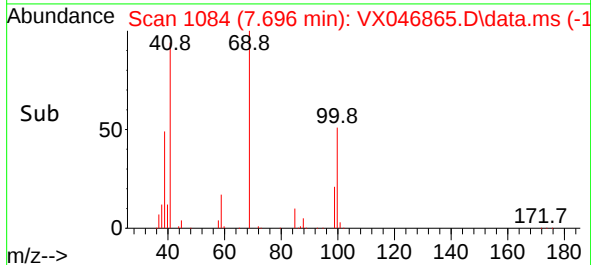
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

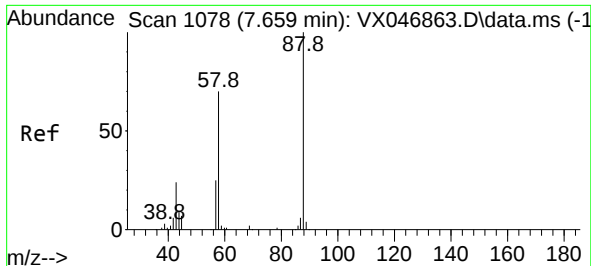


#48
Methyl methacrylate
Concen: 166.693 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



Tgt Ion: 41 Resp: 580607
Ion Ratio Lower Upper
41 100
69 80.5 65.8 98.8
39 54.3 43.8 65.6





#49

1,4-Dioxane

Concen: 3040.136 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tgt Ion: 88 Resp: 12269

Ion Ratio Lower Upper

88 100

43 37.6 31.7 47.5

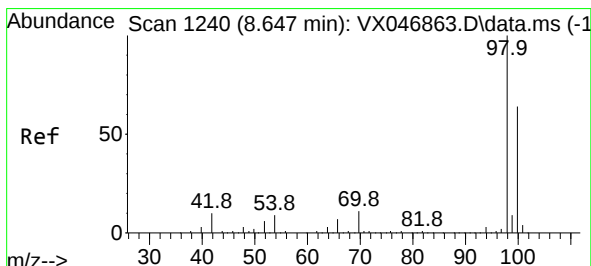
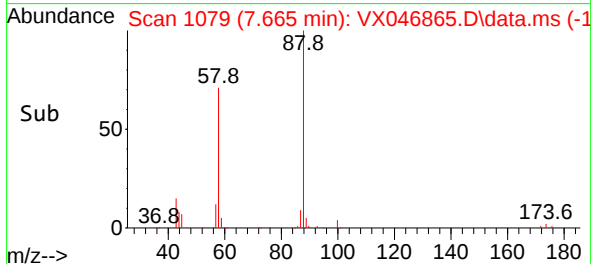
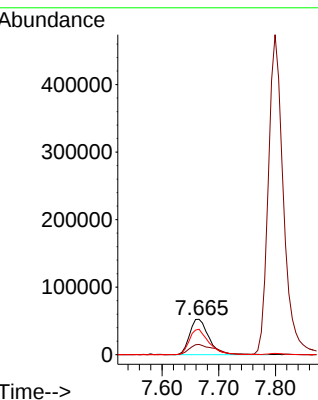
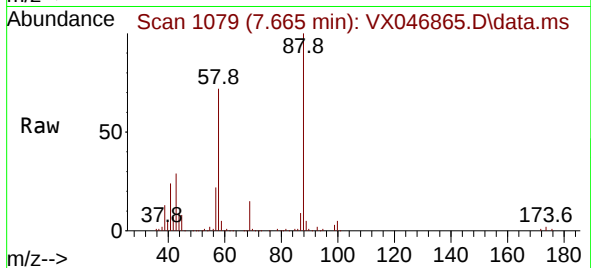
58 73.4 57.5 86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#50

Toluene-d8

Concen: 142.230 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.006 min

Lab File: VX046865.D

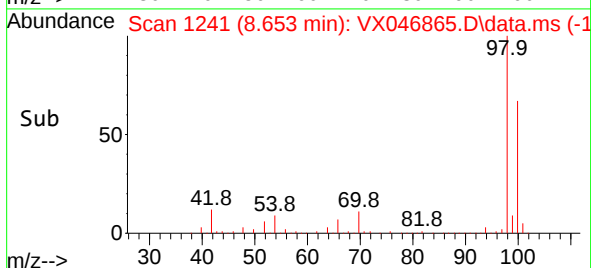
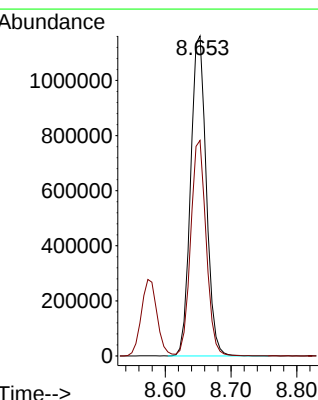
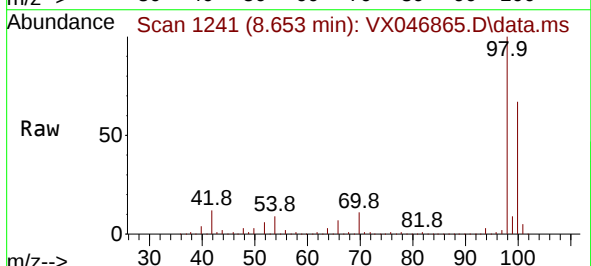
Acq: 02 Jul 2025 14:31

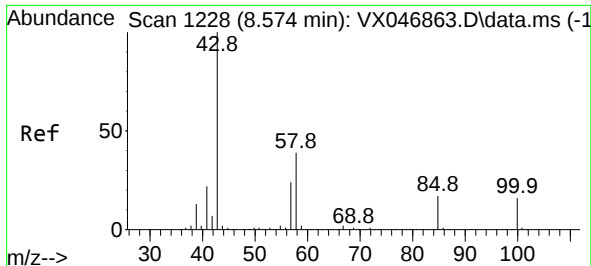
Tgt Ion: 98 Resp: 1923179

Ion Ratio Lower Upper

98 100

100 66.5 53.0 79.6





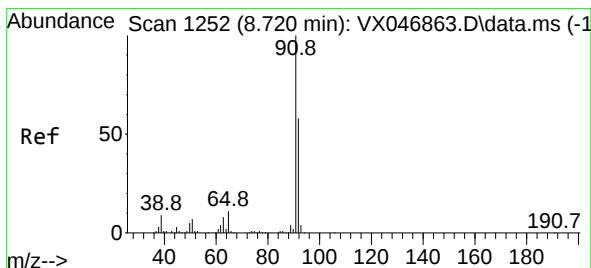
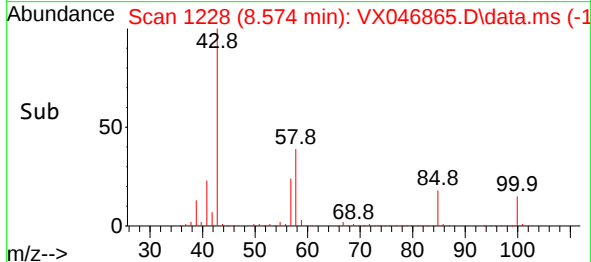
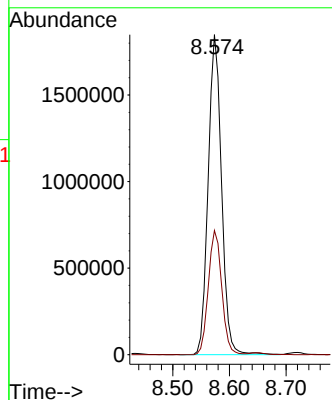
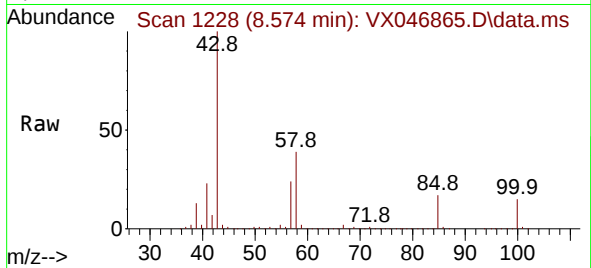
#51
4-Methyl-2-Pentanone
Concen: 760.332 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 43 Resp: 302694
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6

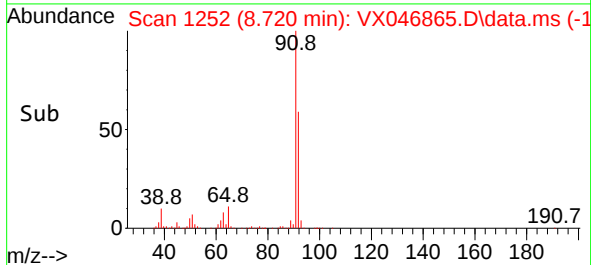
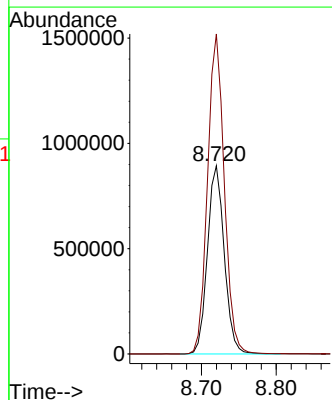
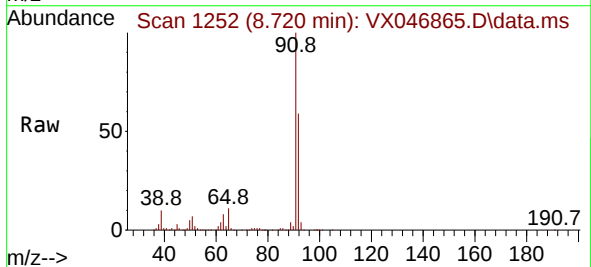
Manual Integrations
APPROVED

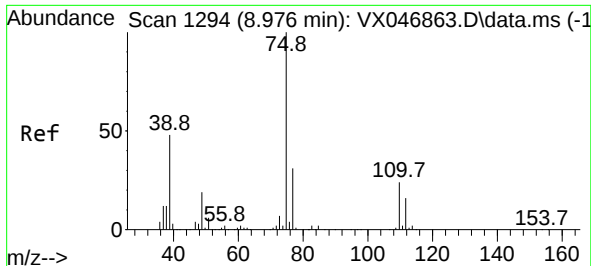
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#52
Toluene
Concen: 143.918 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion: 92 Resp: 1394797
Ion Ratio Lower Upper
92 100
91 169.5 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 163.503 ug/l

RT: 8.976 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 85301

Ion Ratio Lower Upper

75 100

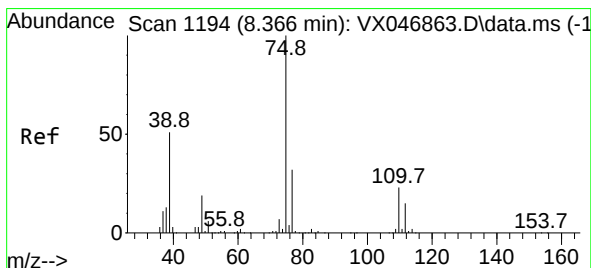
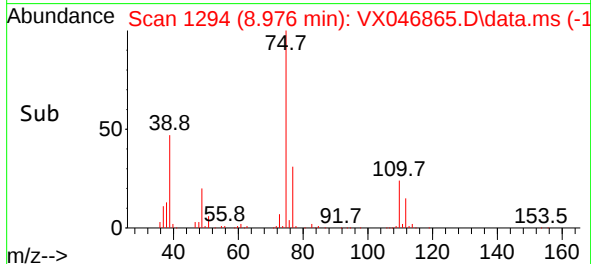
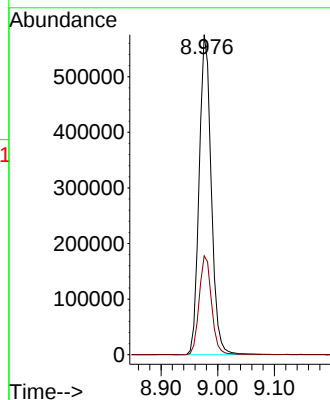
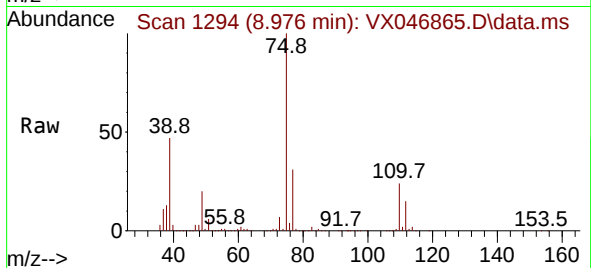
77 30.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#54

cis-1,3-Dichloropropene

Concen: 157.682 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

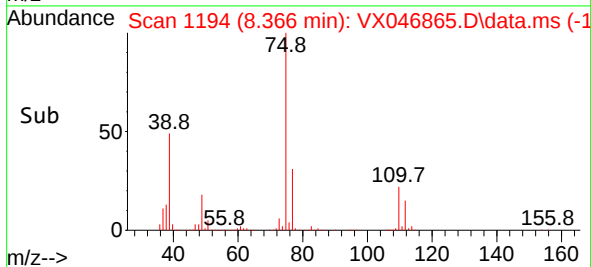
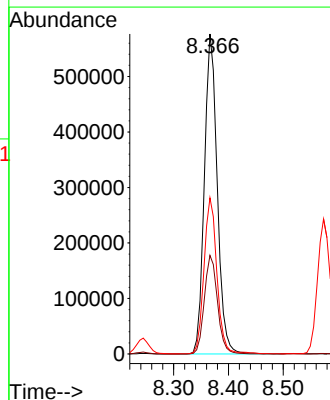
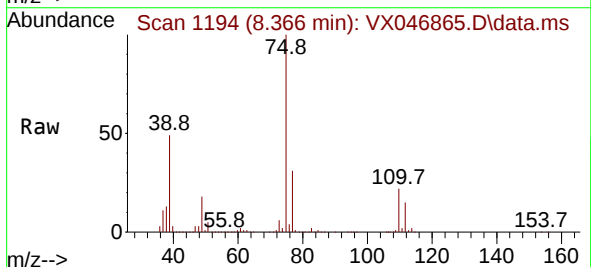
Tgt Ion: 75 Resp: 939003

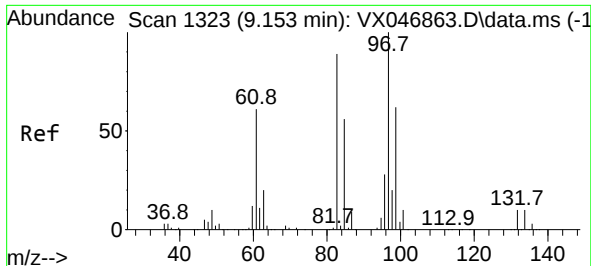
Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2

39 48.5 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 144.574 ug/l

RT: 9.153 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 521889

Ion Ratio Lower Upper

97 100

83 84.7 70.9 106.3

85 54.8 44.6 67.0

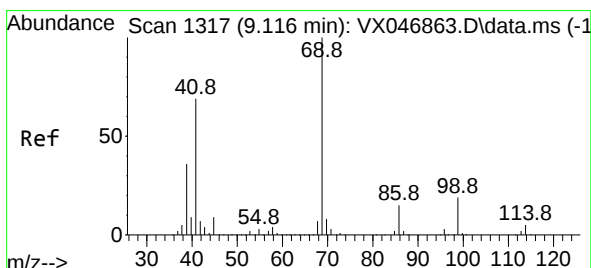
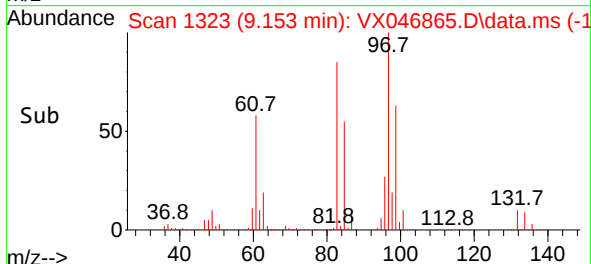
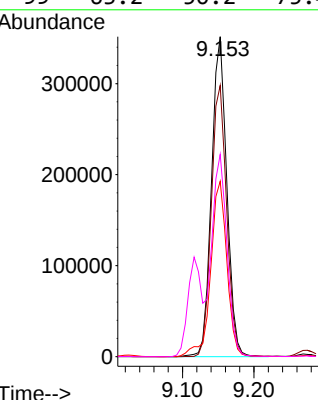
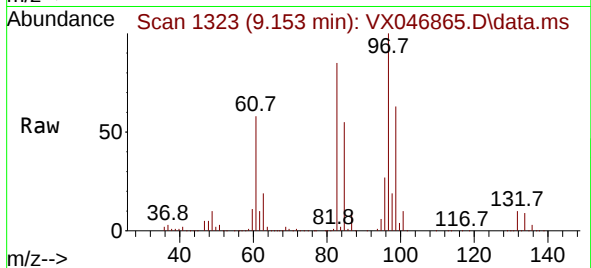
99 63.2 50.2 75.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#56

Ethyl methacrylate

Concen: 163.362 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

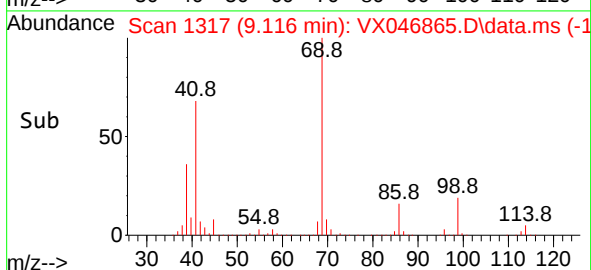
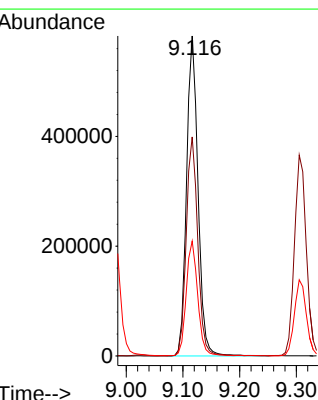
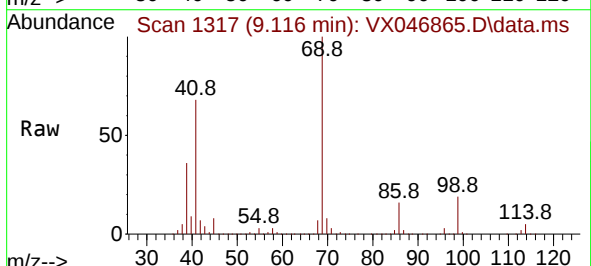
Tgt Ion: 69 Resp: 816206

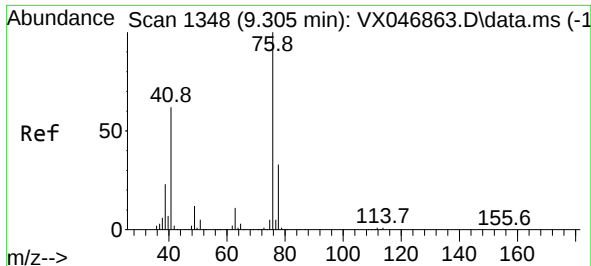
Ion Ratio Lower Upper

69 100

41 68.7 54.6 82.0

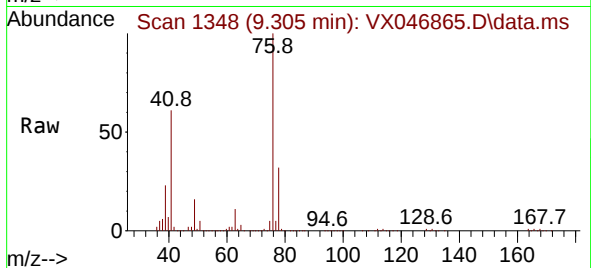
39 35.8 28.7 43.1





#57
1,3-Dichloropropane
Concen: 143.699 ug/l
RT: 9.305 min Scan# 1134
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

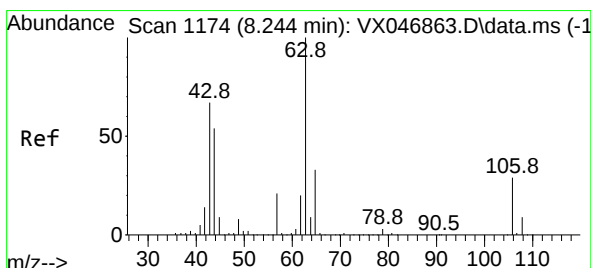
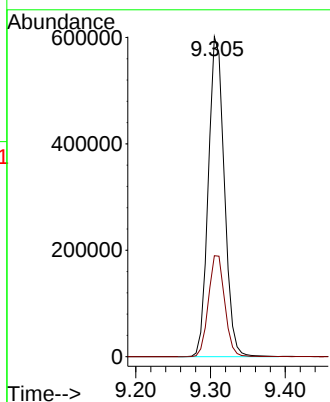
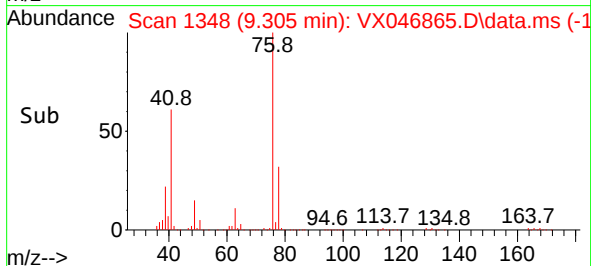
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



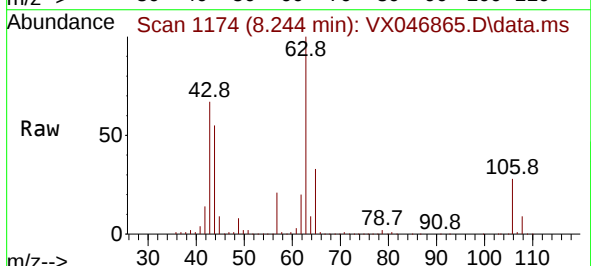
Tgt Ion: 76 Resp: 89321
Ion Ratio Lower Upper
76 100
78 32.2 25.9 38.9

Manual Integrations
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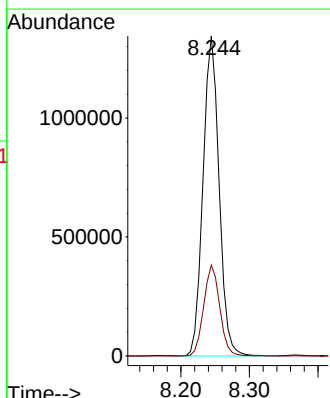
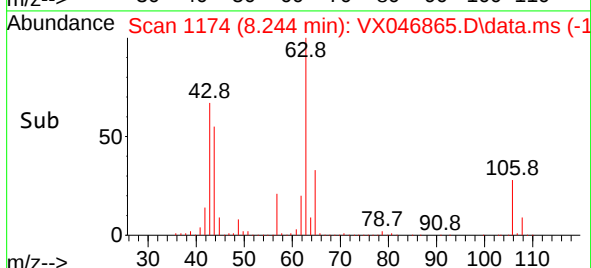
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

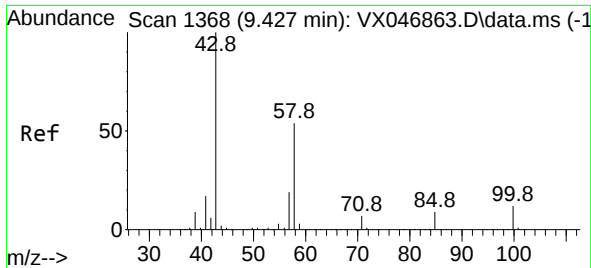


#58
2-Chloroethyl Vinyl ether
Concen: 778.743 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



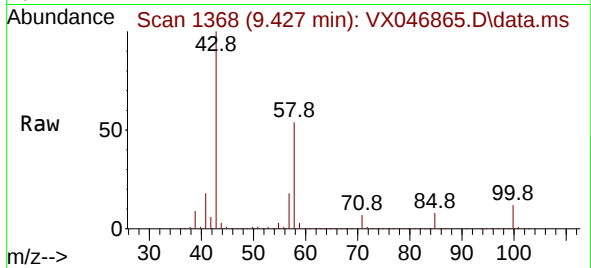
Tgt Ion: 63 Resp: 2192288
Ion Ratio Lower Upper
63 100
106 28.4 22.6 33.8





#59
2-Hexanone
Concen: 776.972 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

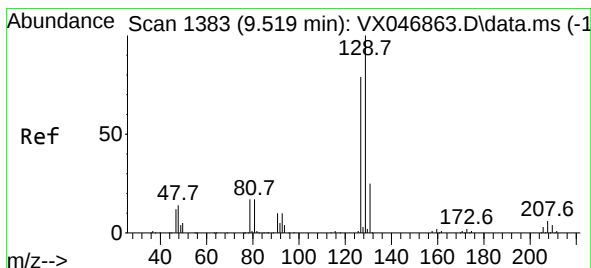
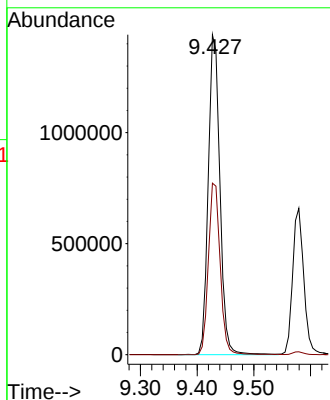
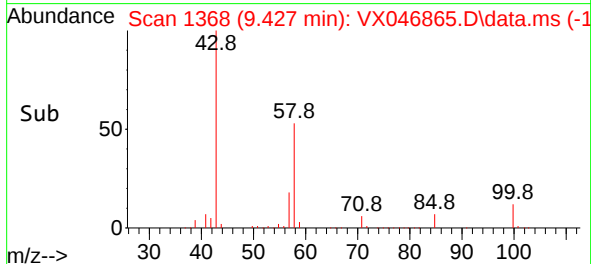
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 43 Resp: 205171
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

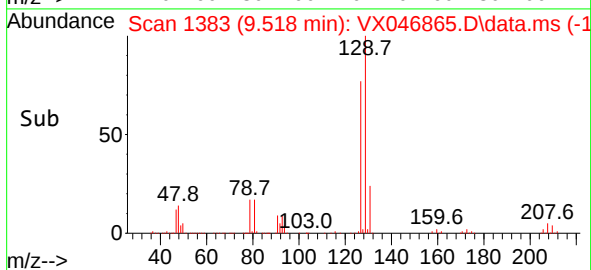
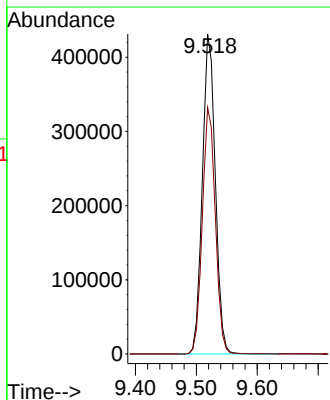
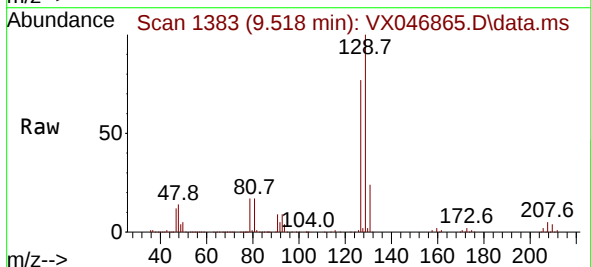
Manual Integrations
APPROVED

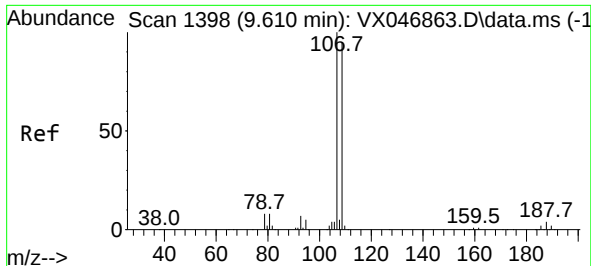
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#60
Dibromochloromethane
Concen: 147.623 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

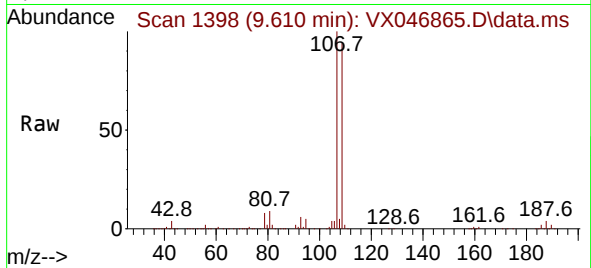
Tgt Ion:129 Resp: 637739
Ion Ratio Lower Upper
129 100
127 77.4 39.1 117.5





#61
1,2-Dibromoethane
Concen: 148.009 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

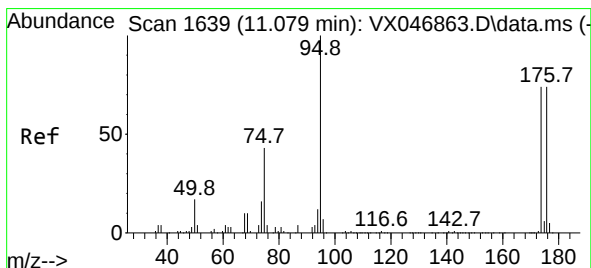
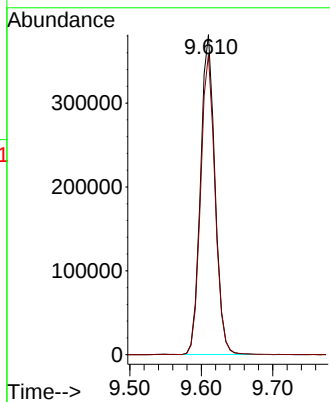
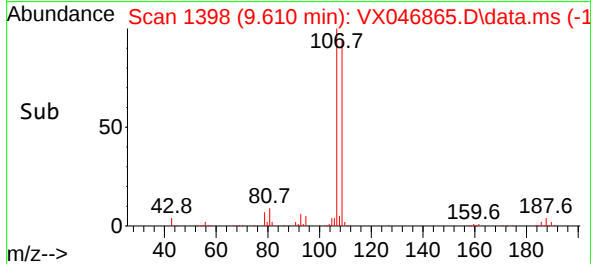
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



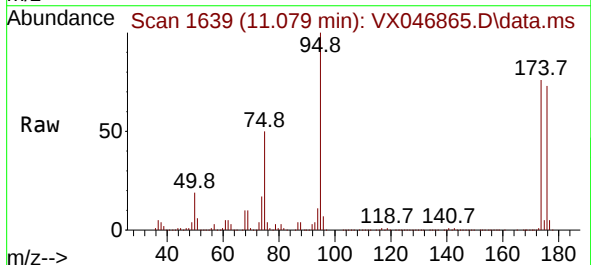
Tgt Ion:107 Resp: 536592
Ion Ratio Lower Upper
107 100
109 94.0 75.4 113.2

Manual Integrations
APPROVED

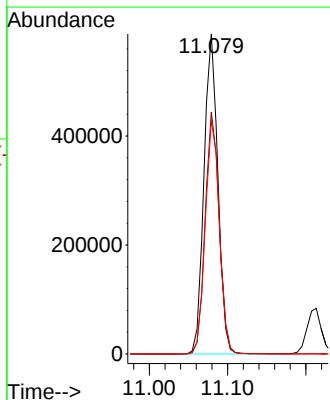
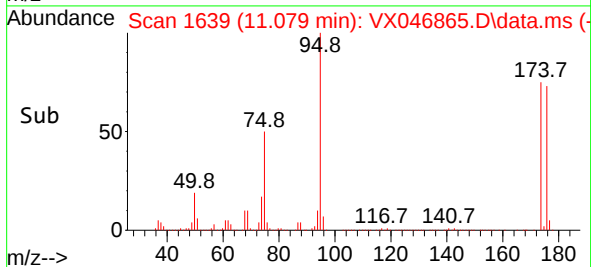
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

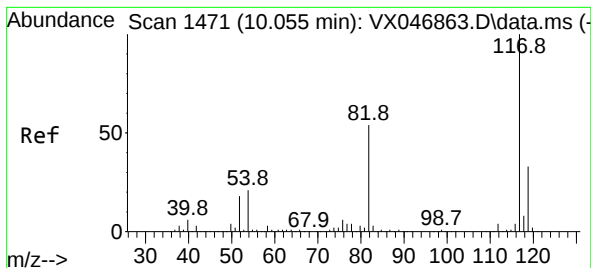


#62
4-Bromofluorobenzene
Concen: 140.303 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



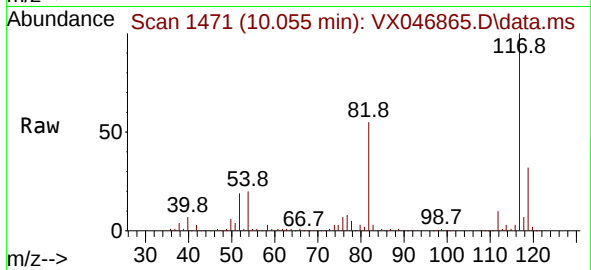
Tgt Ion: 95 Resp: 721016
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.0
176 74.2 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

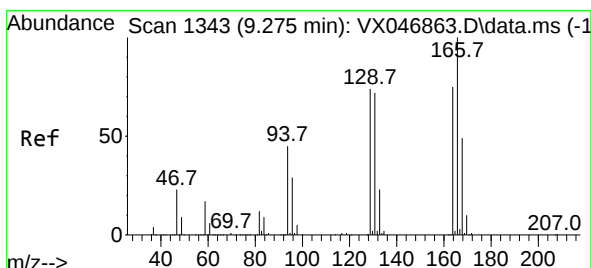
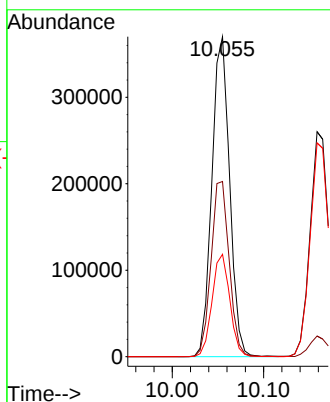
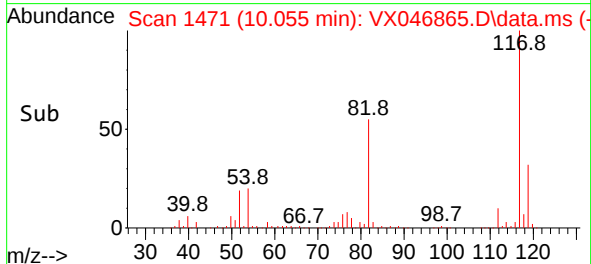
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:117 Resp: 498758
Ion Ratio Lower Upper
117 100
82 54.7 43.3 64.9
119 32.0 26.4 39.6

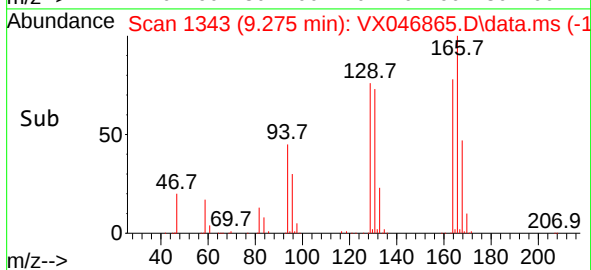
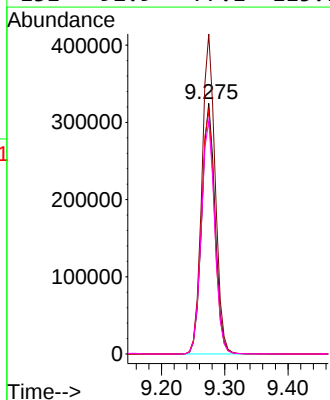
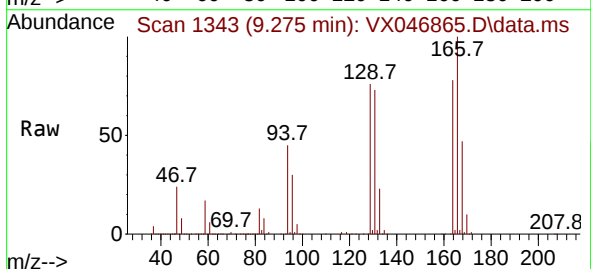
Manual Integrations
APPROVED

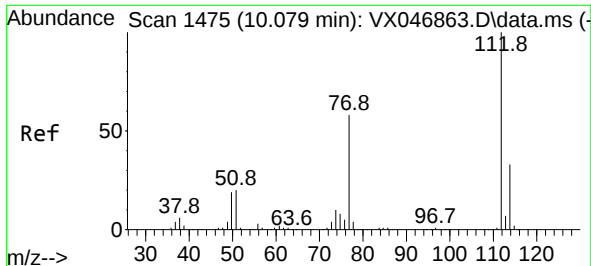
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#64
Tetrachloroethene
Concen: 143.265 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion:164 Resp: 475745
Ion Ratio Lower Upper
164 100
166 127.8 107.0 160.6
129 97.2 79.7 119.5
131 92.9 77.1 115.7





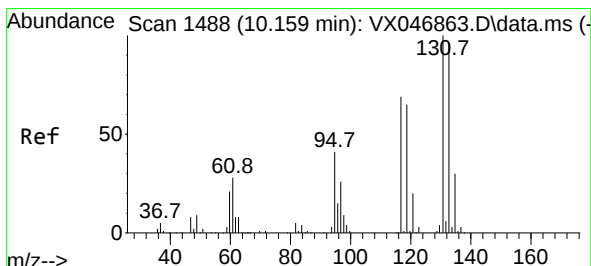
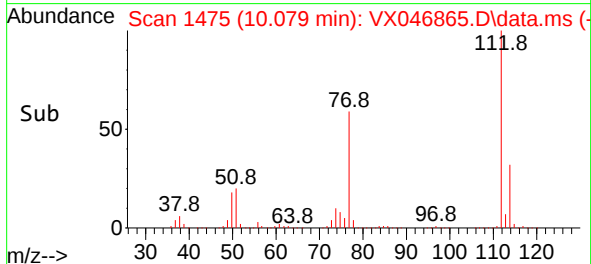
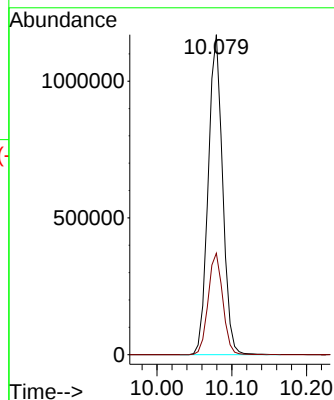
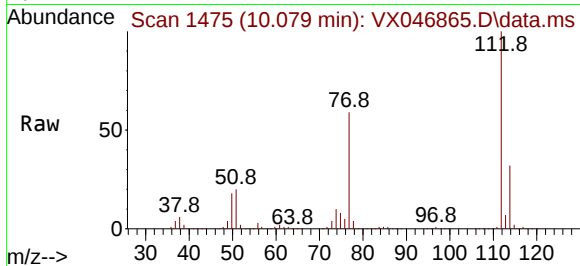
#65
Chlorobenzene
Concen: 144.986 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:112 Resp: 156343
Ion Ratio Lower Upper
112 100
114 31.7 26.3 39.5

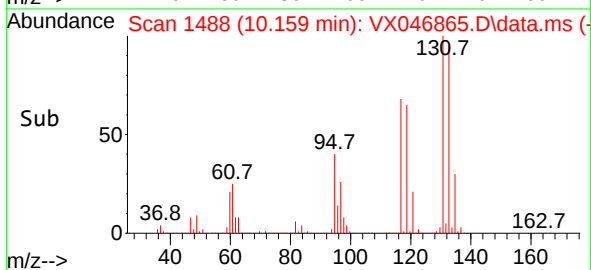
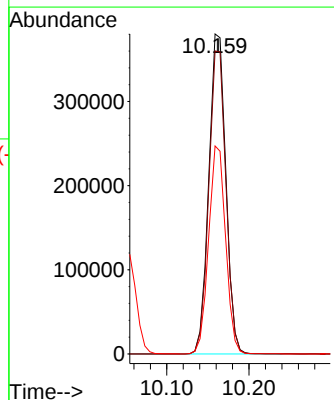
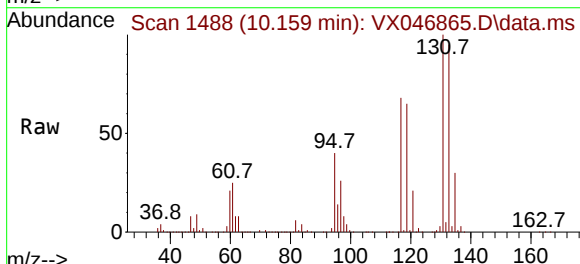
Manual Integrations
APPROVED

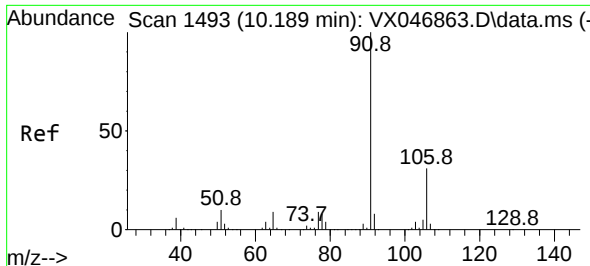
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 151.325 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

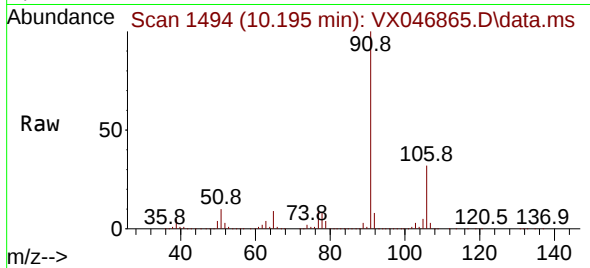
Tgt Ion:131 Resp: 548552
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 64.8 32.4 97.2





#67
Ethyl Benzene
Concen: 147.809 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

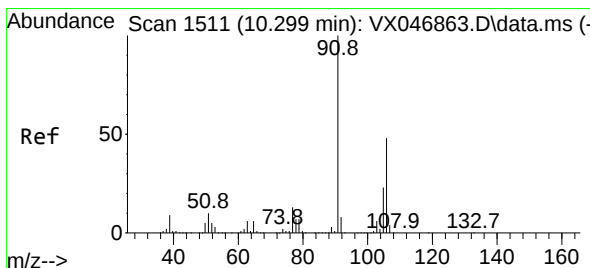
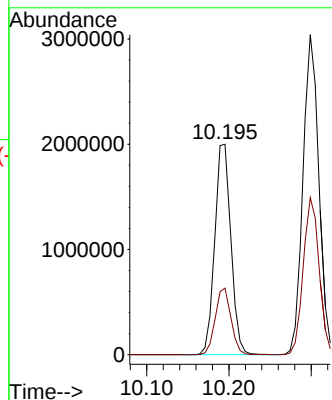
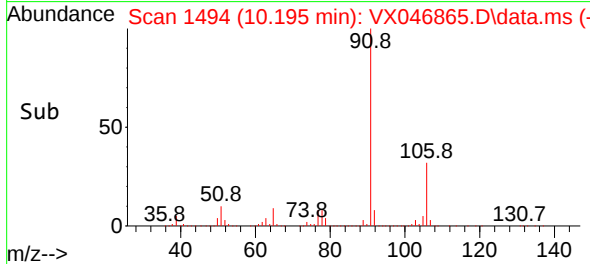
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 272955
Ion Ratio Lower Upper
91 100
106 31.6 24.4 36.6

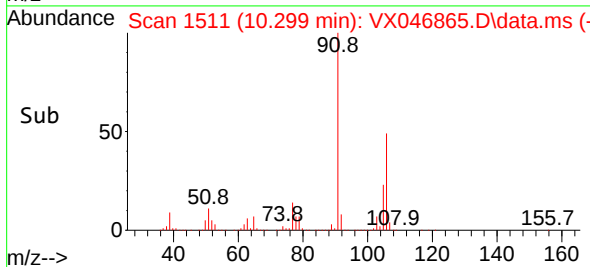
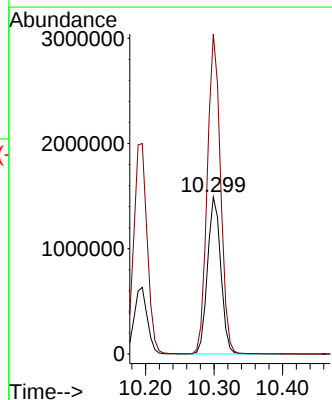
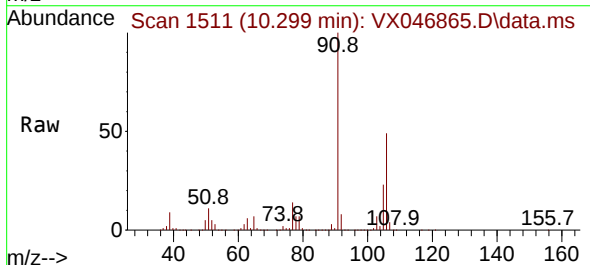
Manual Integrations
APPROVED

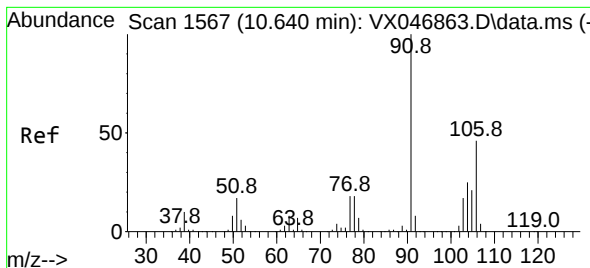
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#68
m/p-Xylenes
Concen: 288.799 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion:106 Resp: 2009645
Ion Ratio Lower Upper
106 100
91 203.5 164.6 246.8





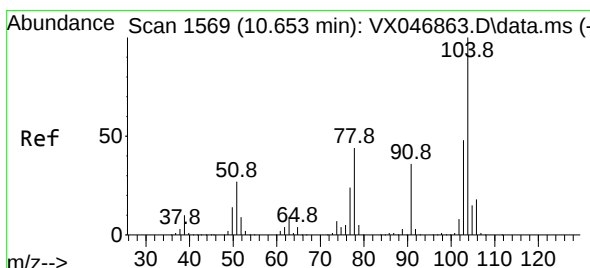
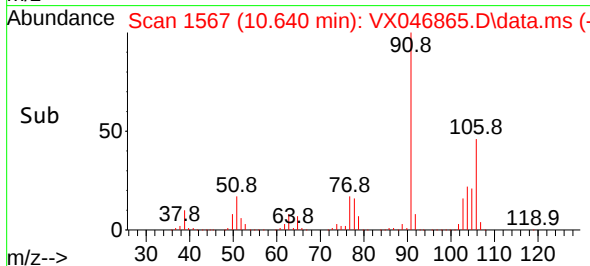
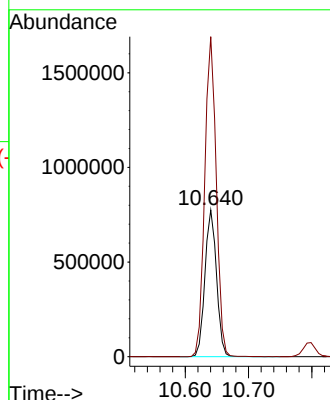
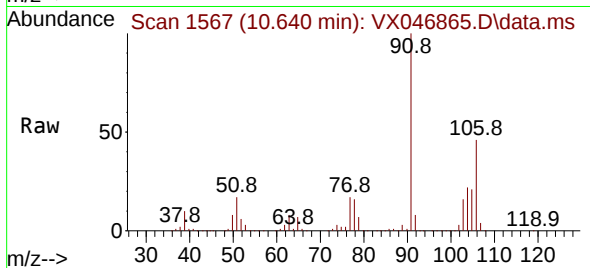
#69
o-Xylene
Concen: 146.856 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tgt Ion:106 Resp: 987134
Ion Ratio Lower Upper
106 100
91 217.0 109.5 328.5

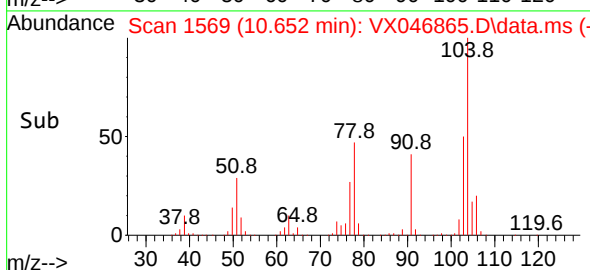
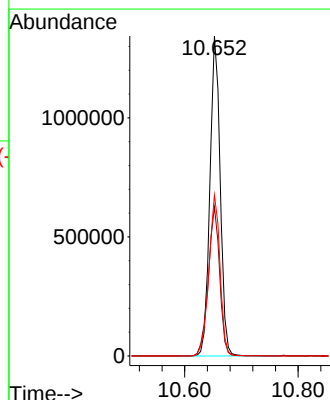
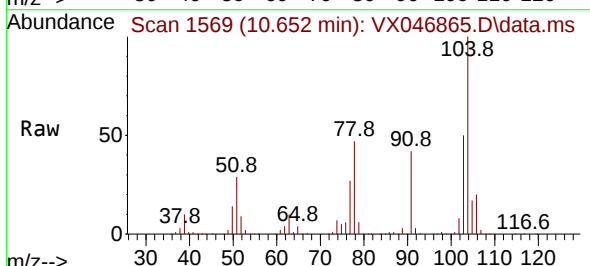
Manual Integrations
APPROVED

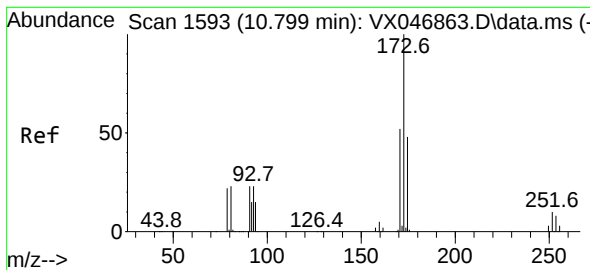
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#70
Styrene
Concen: 147.567 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

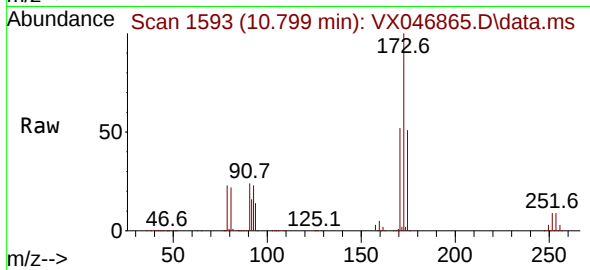
Tgt Ion:104 Resp: 1697064
Ion Ratio Lower Upper
104 100
78 51.3 40.3 60.5
103 54.7 42.8 64.2





#71
Bromoform
Concen: 152.584 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

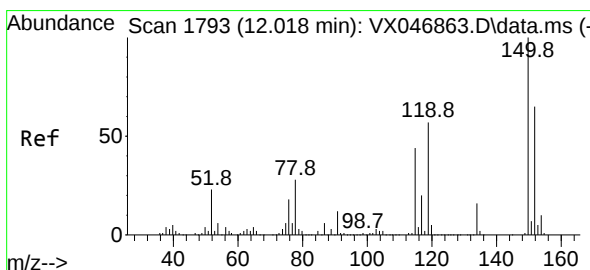
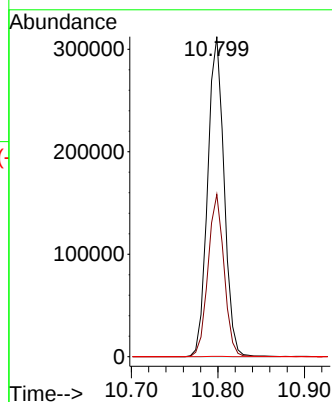
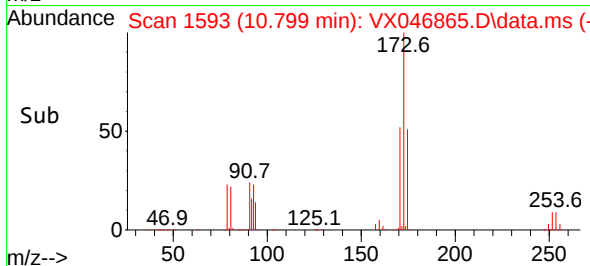
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



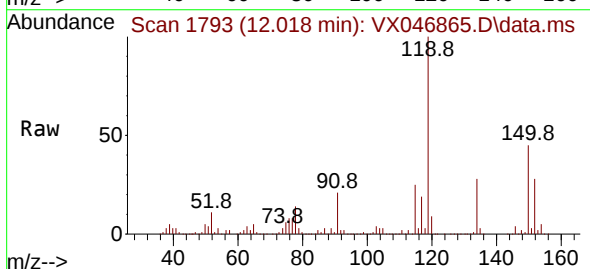
Tgt Ion:173 Resp: 411264
Ion Ratio Lower Upper
173 100
175 49.6 23.8 71.5
254 0.1 0.1 0.1

Manual Integrations
APPROVED

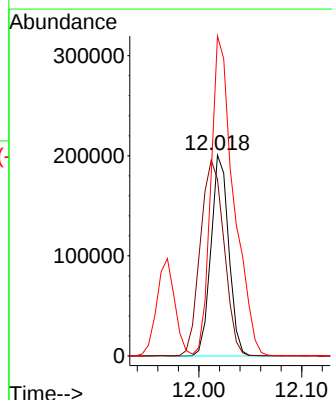
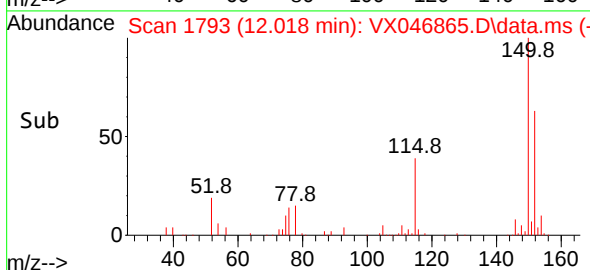
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

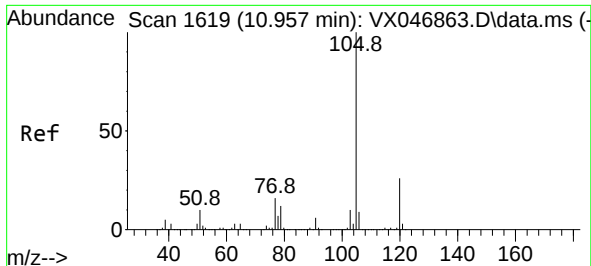


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



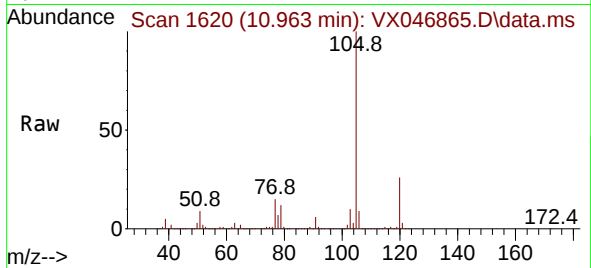
Tgt Ion:152 Resp: 240348
Ion Ratio Lower Upper
152 100
115 131.0 42.4 127.1#
150 206.4 0.0 349.2





#73
Isopropylbenzene
Concen: 153.200 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

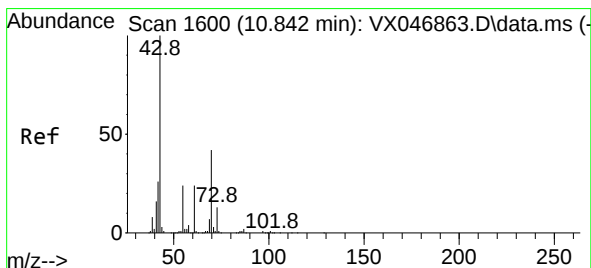
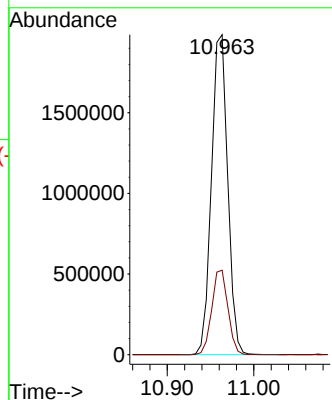
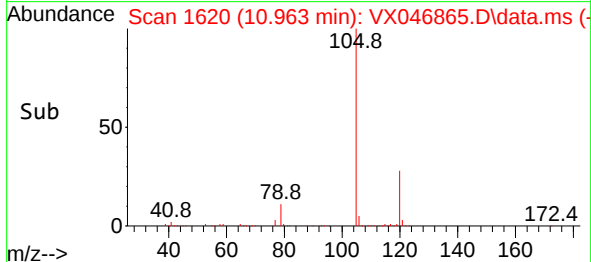
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:105 Resp: 258844
Ion Ratio Lower Upper
105 100
120 26.2 13.2 39.5

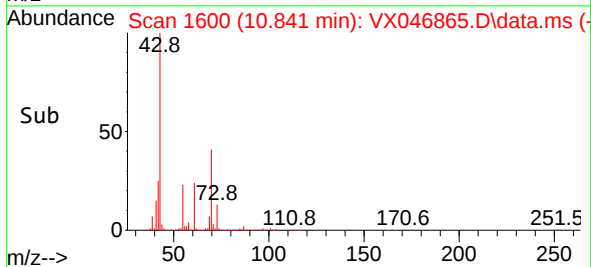
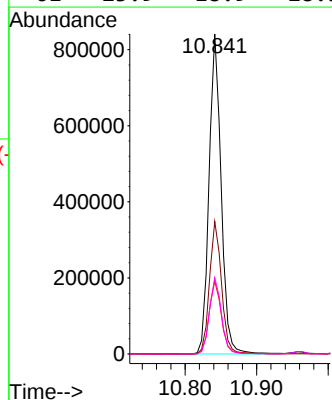
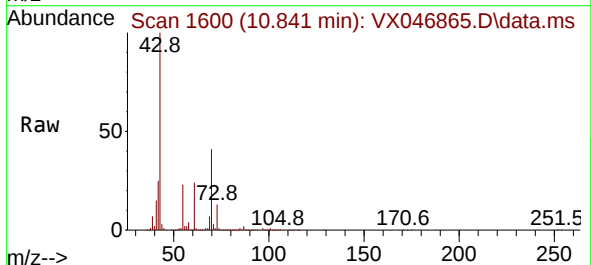
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#74
N-amy1 acetate
Concen: 171.738 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

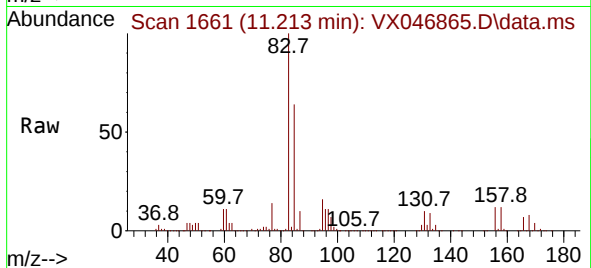
Tgt Ion: 43 Resp: 986018
Ion Ratio Lower Upper
43 100
70 41.6 33.4 50.2
55 23.3 19.6 29.4
61 23.9 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 150.263 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

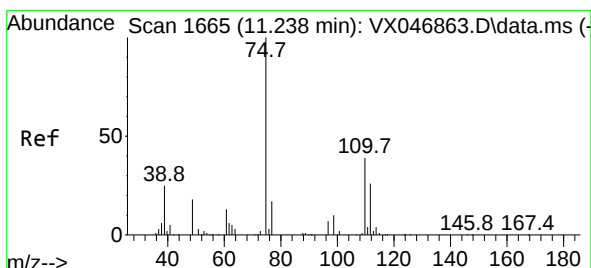
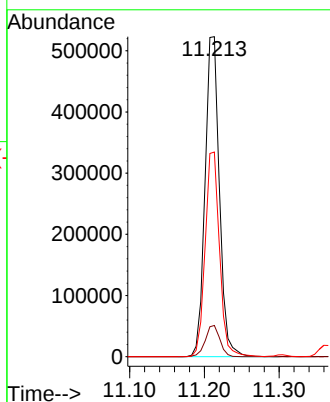
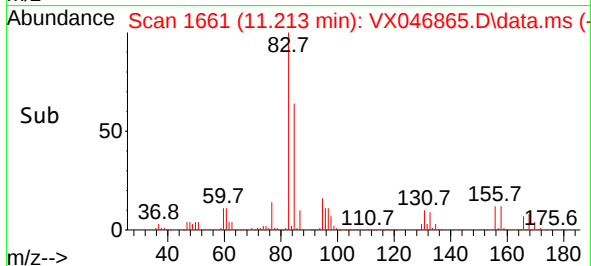
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 83 Resp: 69810
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.0 32.1 96.5

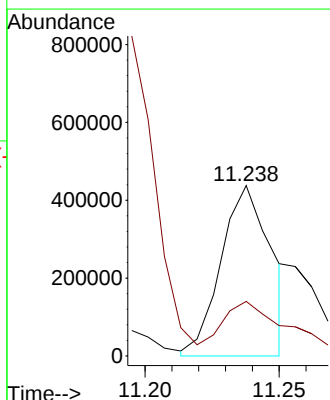
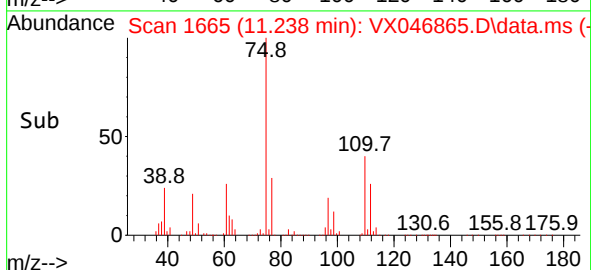
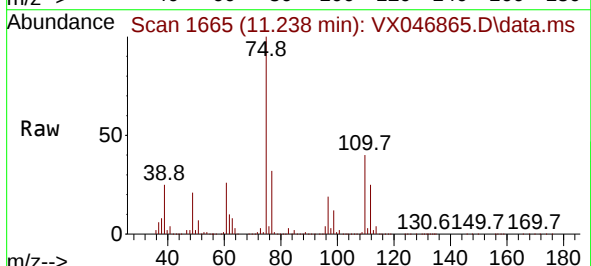
Manual Integrations
APPROVED

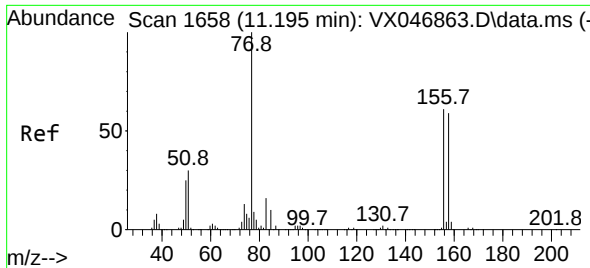
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#76
1,2,3-Trichloropropane
Concen: 152.717 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

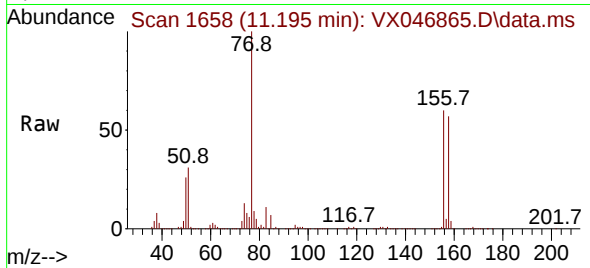
Tgt Ion: 75 Resp: 567147
Ion Ratio Lower Upper
75 100
77 43.1 20.6 61.8





#77
Bromobenzene
Concen: 149.454 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

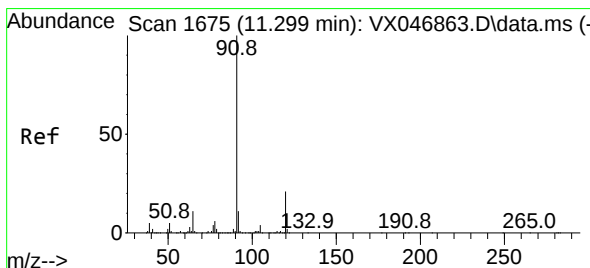
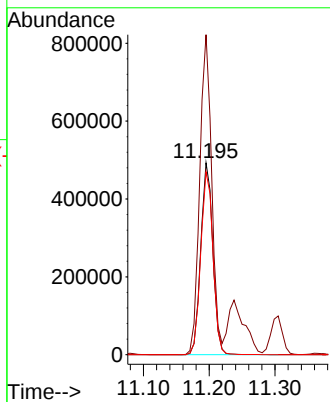
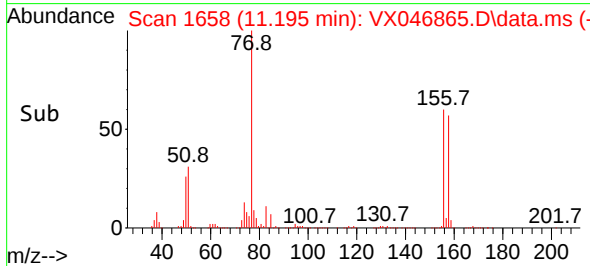
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion:156 Resp: 628974
Ion Ratio Lower Upper
156 100
77 165.4 82.3 247.0
158 96.8 47.5 142.6

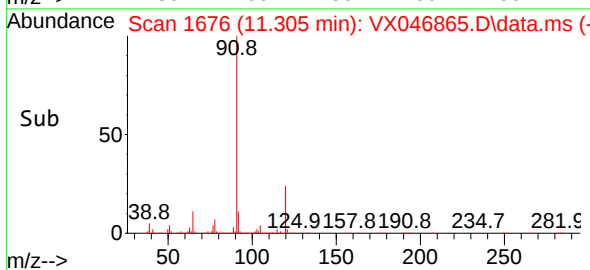
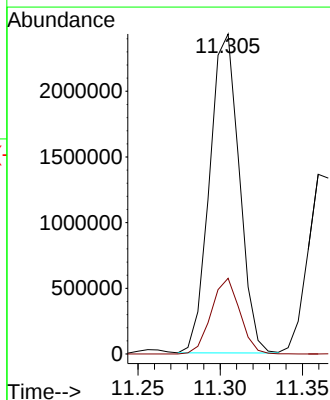
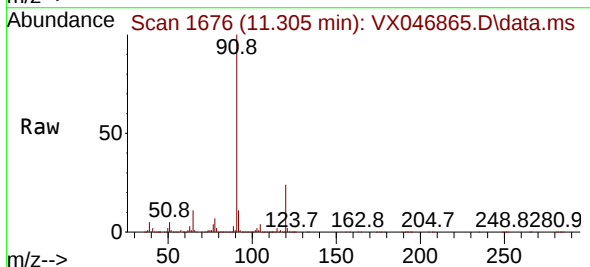
Manual Integrations
APPROVED

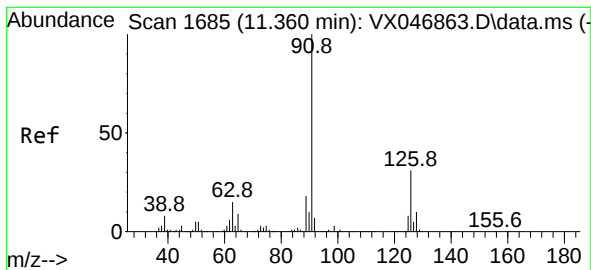
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#78
n-propylbenzene
Concen: 149.810 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

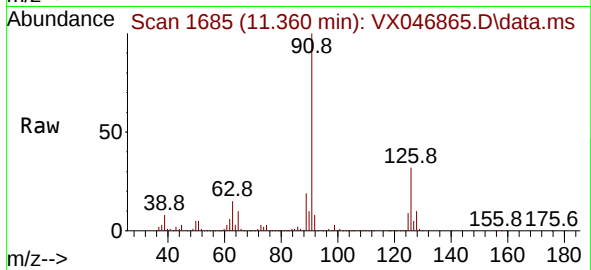
Tgt Ion: 91 Resp: 3052066
Ion Ratio Lower Upper
91 100
120 22.8 11.2 33.5





#79
2-Chlorotoluene
Concen: 148.315 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

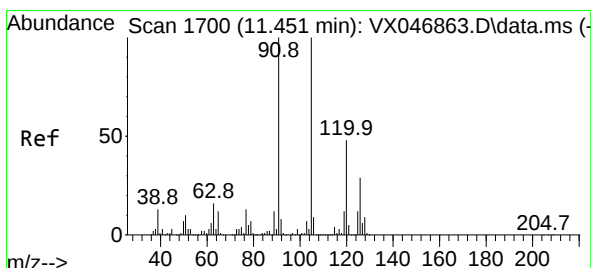
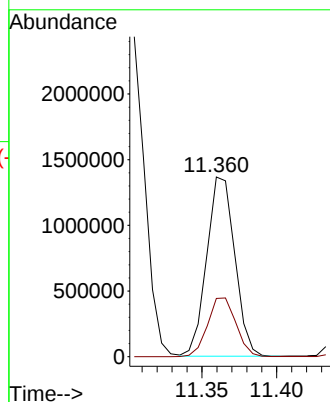
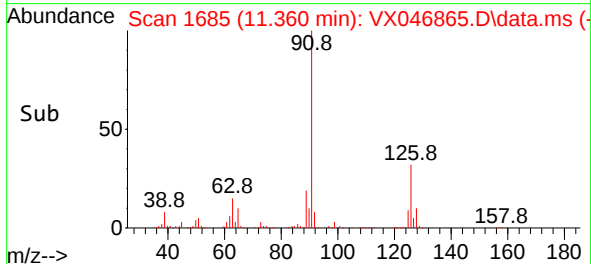
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



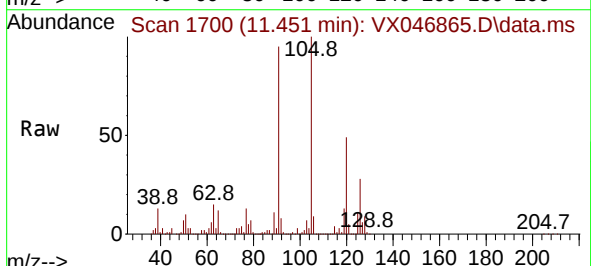
Tgt Ion: 91 Resp: 178416
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8

Manual Integrations
APPROVED

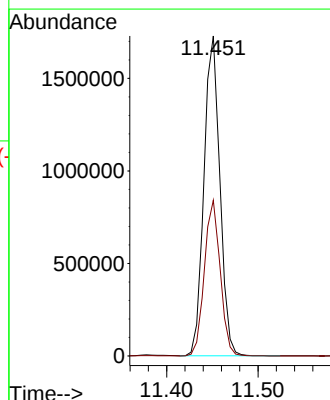
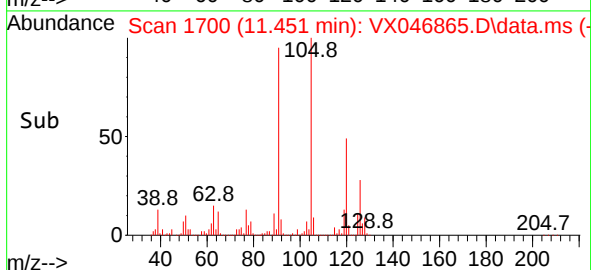
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

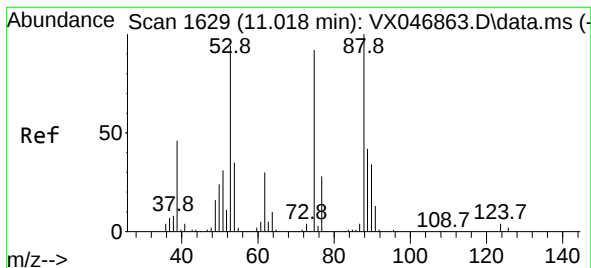


#80
1,3,5-Trimethylbenzene
Concen: 152.092 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



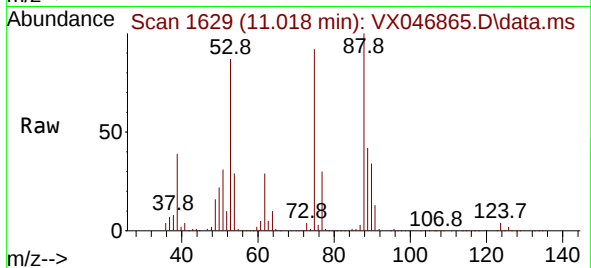
Tgt Ion:105 Resp: 2088013
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.4





#81
trans-1,4-Dichloro-2-butene
Concen: 173.259 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

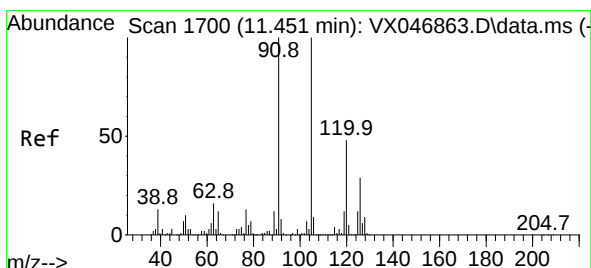
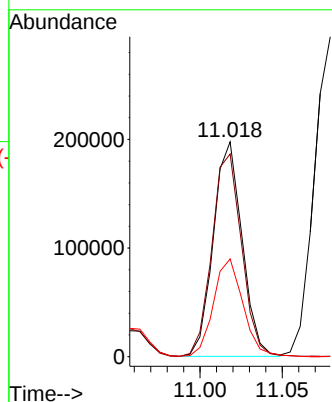
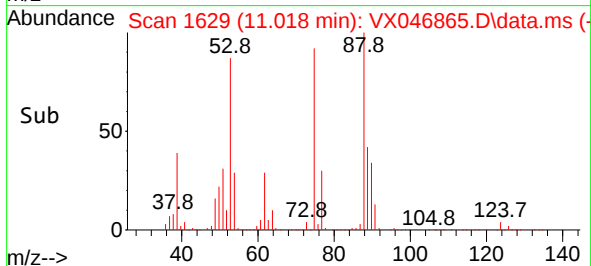
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



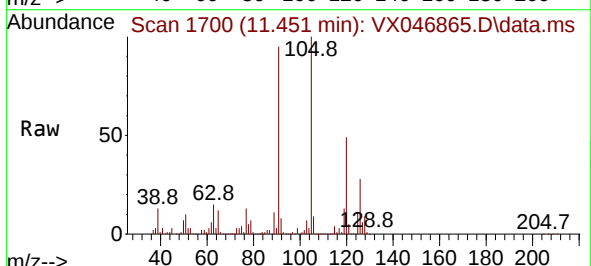
Tgt Ion: 75 Resp: 239775
Ion Ratio Lower Upper
75 100
53 97.6 83.7 125.5
89 47.1 38.2 57.2

Manual Integrations
APPROVED

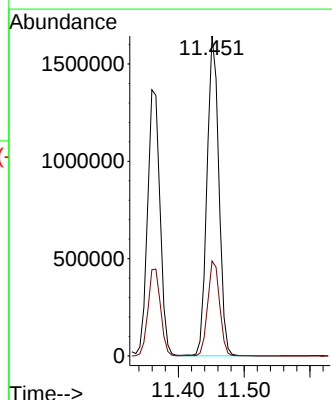
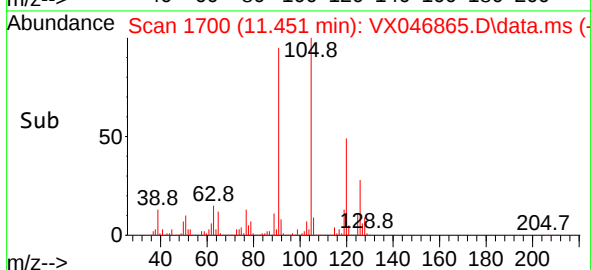
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

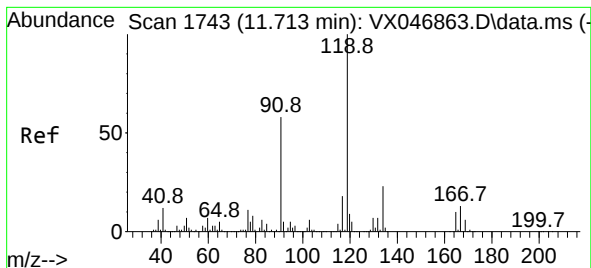


#82
4-Chlorotoluene
Concen: 148.519 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



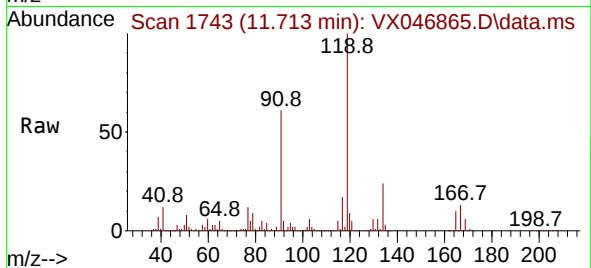
Tgt Ion: 91 Resp: 2061746
Ion Ratio Lower Upper
91 100
126 29.9 14.6 44.0





#83
tert-Butylbenzene
Concen: 152.653 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

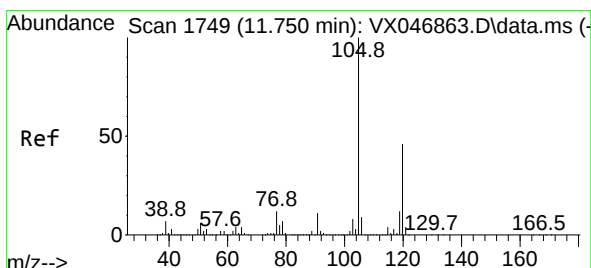
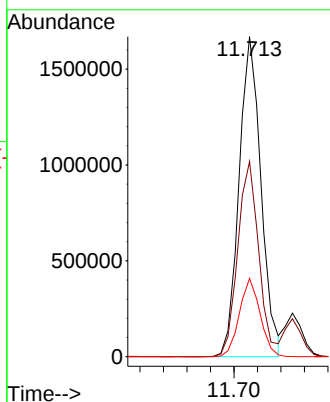
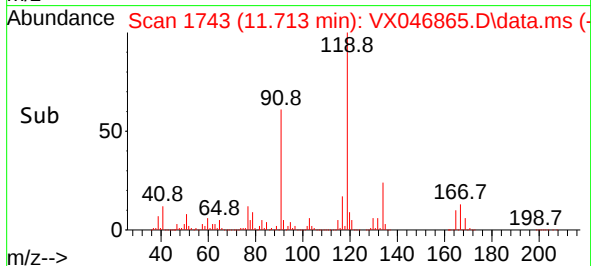
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



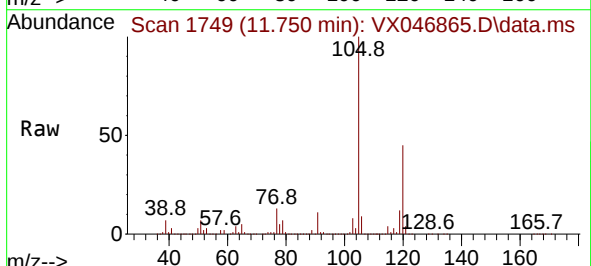
Tgt Ion:119 Resp: 216450
Ion Ratio Lower Upper
119 100
91 58.7 28.7 86.3
134 23.2 11.4 34.2

Manual Integrations
APPROVED

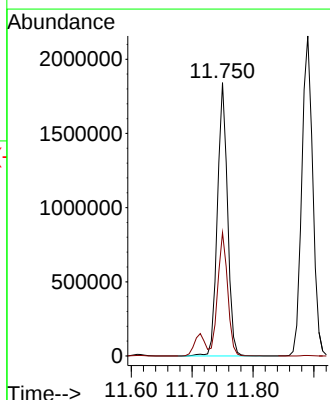
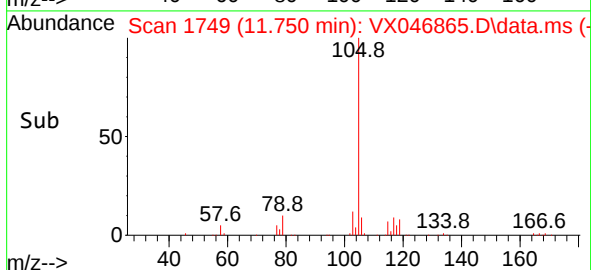
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

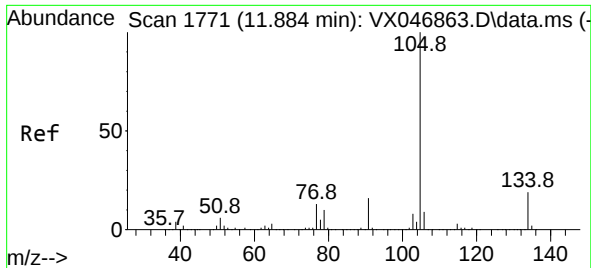


#84
1,2,4-Trimethylbenzene
Concen: 152.635 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



Tgt Ion:105 Resp: 2118023
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8





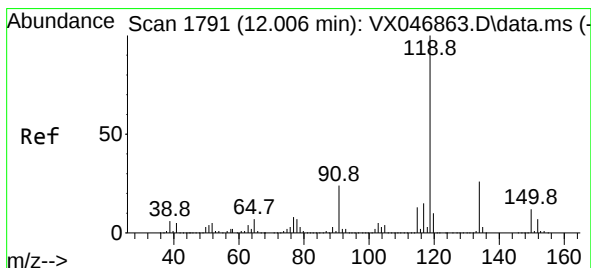
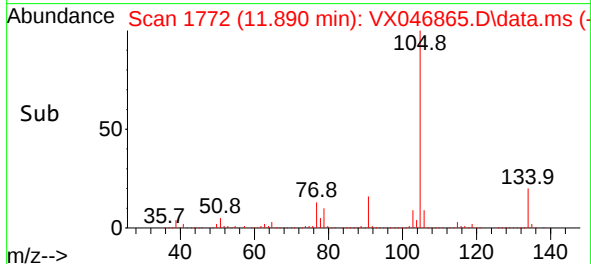
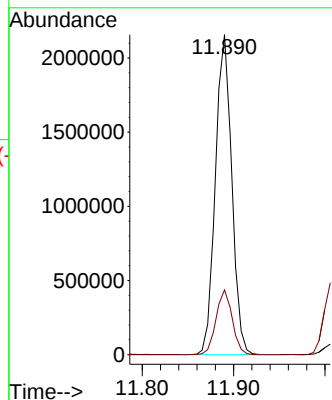
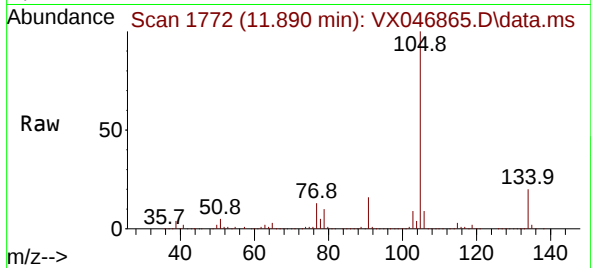
#85
 sec-Butylbenzene
 Concen: 150.005 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046865.D
 Acq: 02 Jul 2025 14:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 268173
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

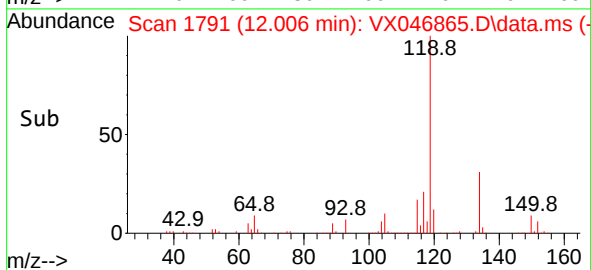
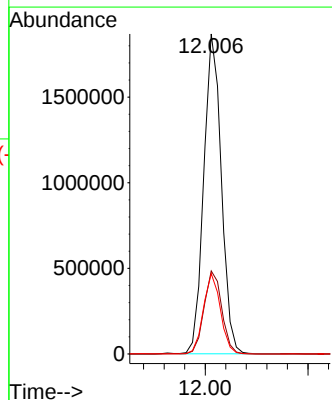
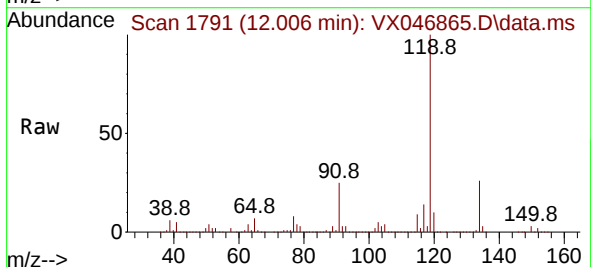
Manual Integrations
 APPROVED

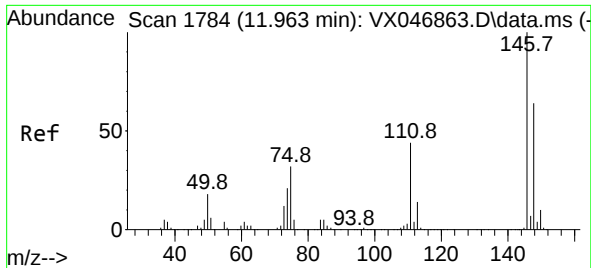
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#86
 p-Isopropyltoluene
 Concen: 148.186 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046865.D
 Acq: 02 Jul 2025 14:31

Tgt Ion:119 Resp: 2218491
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 24.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 148.354 ug/l

RT: 11.969 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 1167669

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

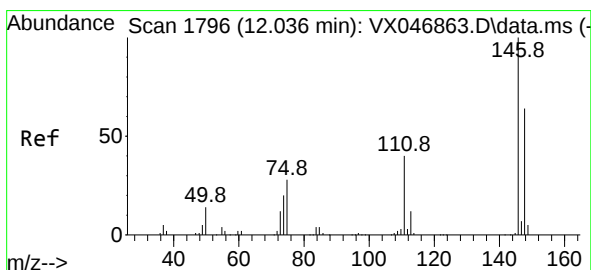
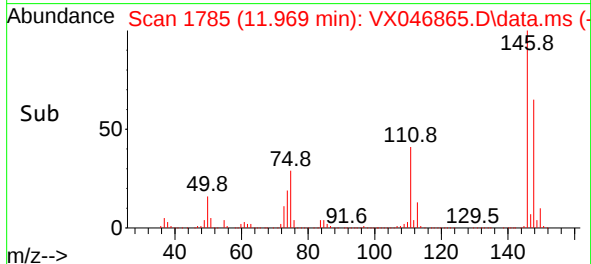
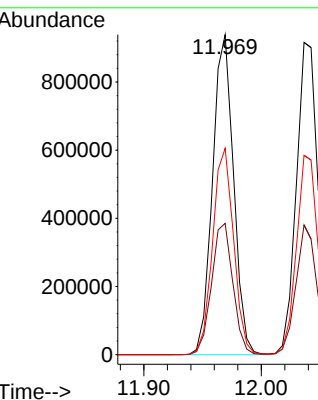
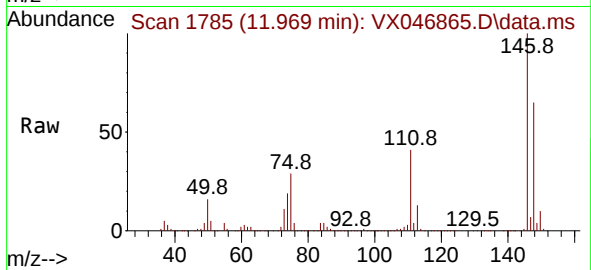
148 64.4 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#88

1,4-Dichlorobenzene

Concen: 143.634 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

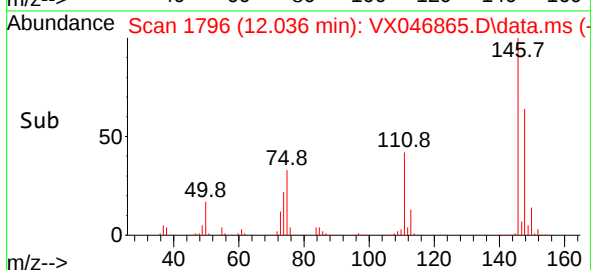
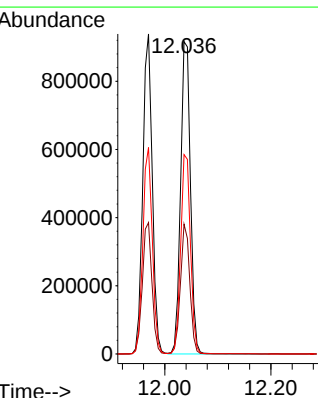
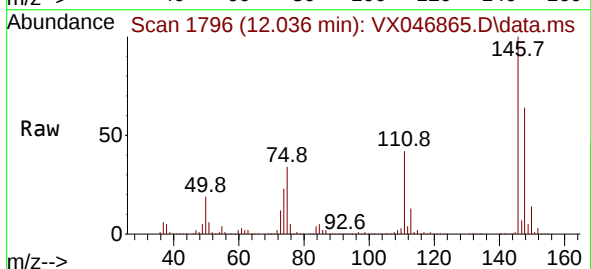
Tgt Ion:146 Resp: 1176579

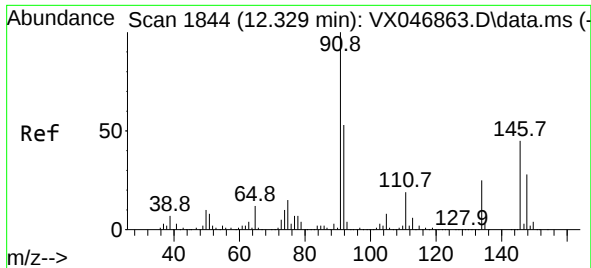
Ion Ratio Lower Upper

146 100

111 39.5 20.2 60.5

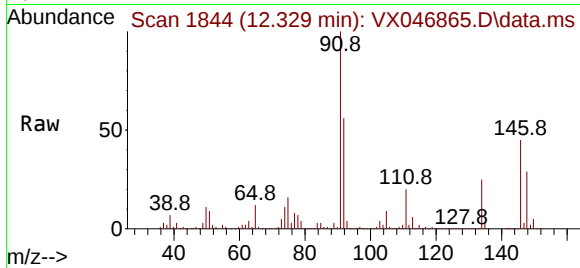
148 63.4 32.4 97.0





#89
n-Butylbenzene
Concen: 149.371 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

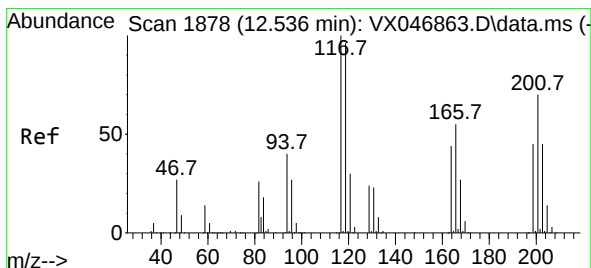
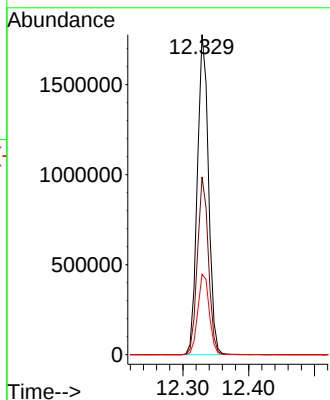
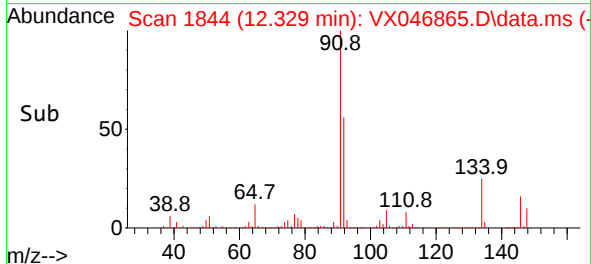
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 2101194
Ion Ratio Lower Upper
91 100
92 54.7 27.0 81.0
134 25.8 12.8 38.4

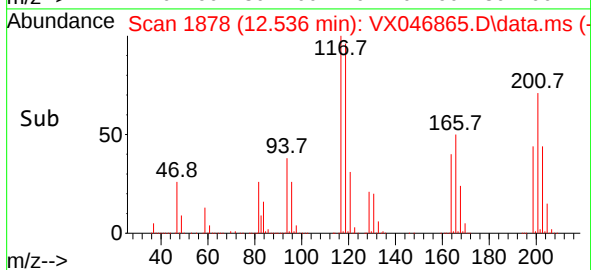
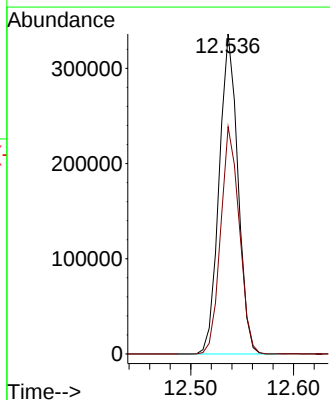
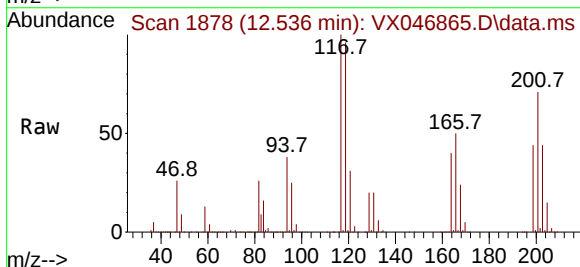
Manual Integrations
APPROVED

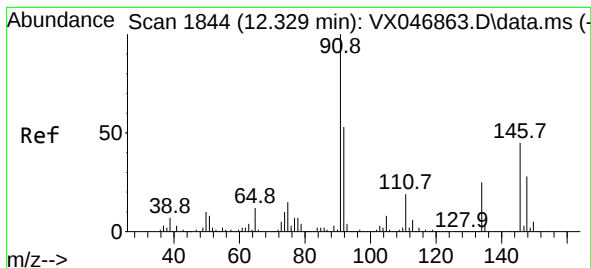
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#90
Hexachloroethane
Concen: 159.899 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

Tgt Ion:117 Resp: 424369
Ion Ratio Lower Upper
117 100
201 70.7 35.8 107.4





#91

1,2-Dichlorobenzene

Concen: 146.526 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:146 Resp: 1117598

Ion Ratio Lower Upper

146 100

111 43.2 21.1 63.1

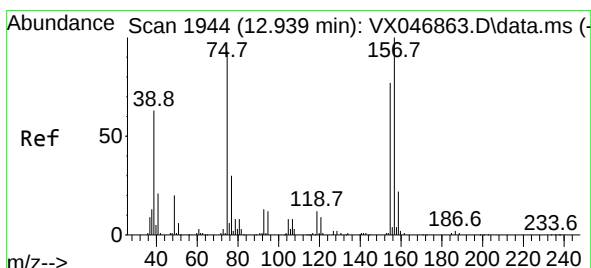
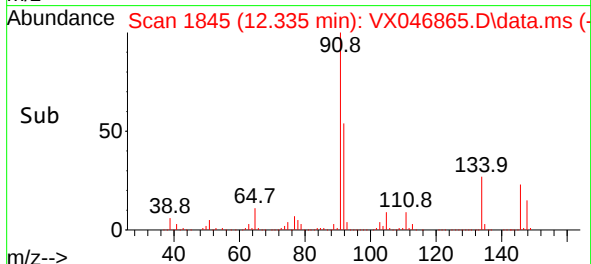
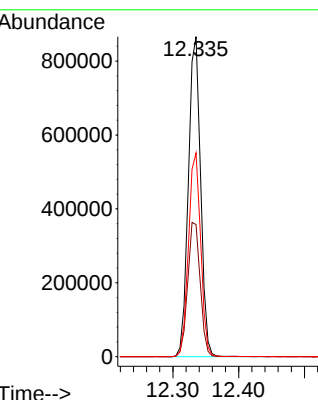
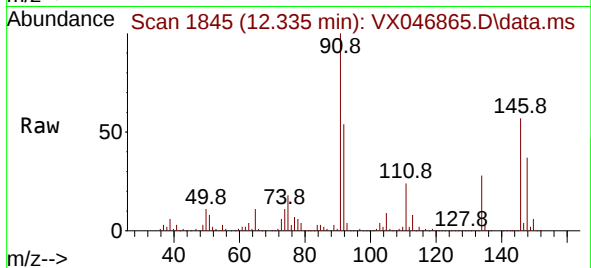
148 63.6 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 170.588 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.000 min

Lab File: VX046865.D

Acq: 02 Jul 2025 14:31

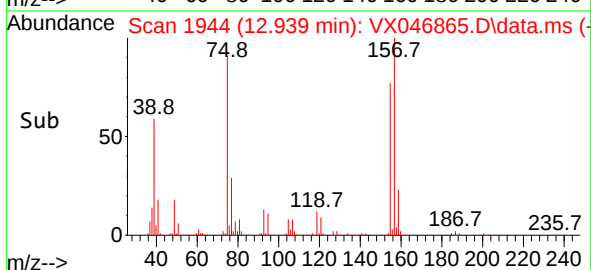
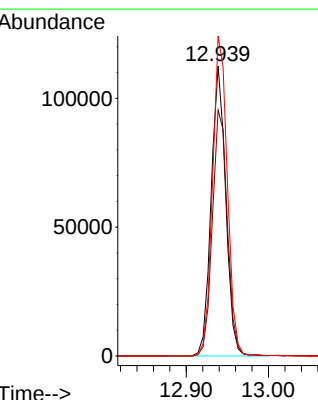
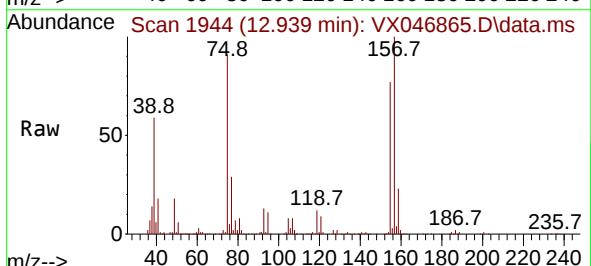
Tgt Ion: 75 Resp: 138617

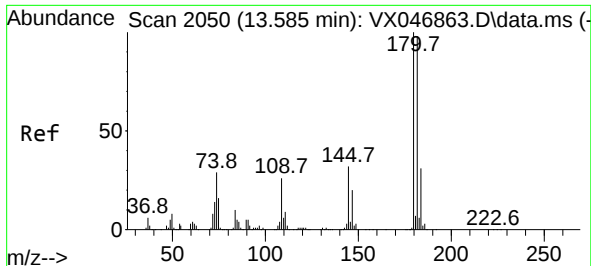
Ion Ratio Lower Upper

75 100

155 87.3 43.1 129.4

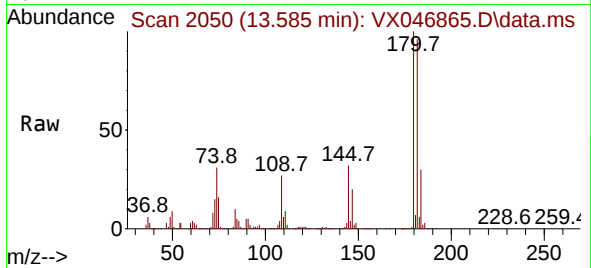
157 112.2 56.5 169.5





#93
1,2,4-Trichlorobenzene
Concen: 159.391 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

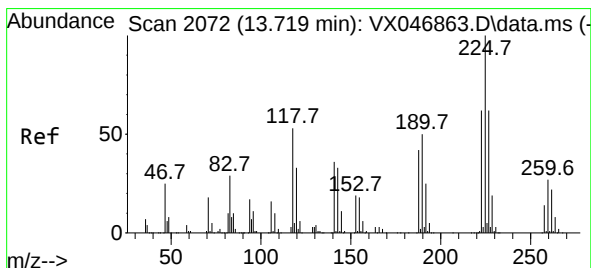
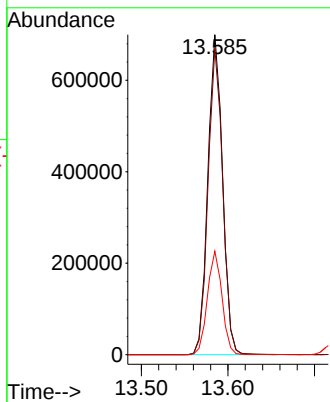
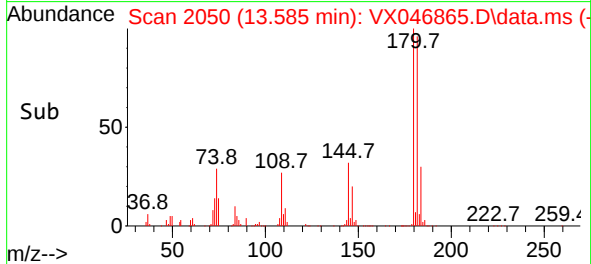
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150



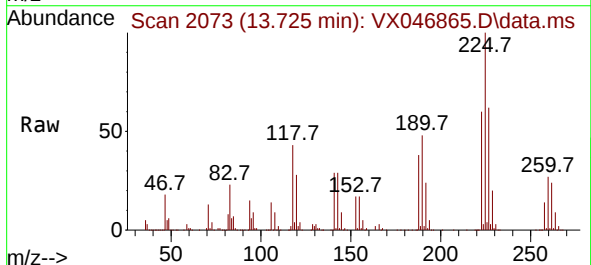
Tgt Ion:180 Resp: 825907
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 32.1 16.1 48.2

Manual Integrations
APPROVED

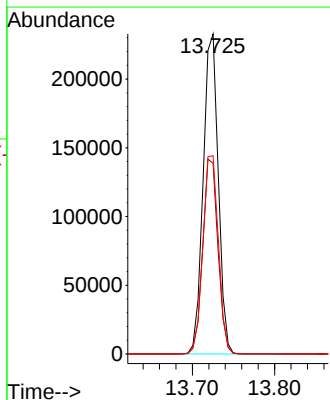
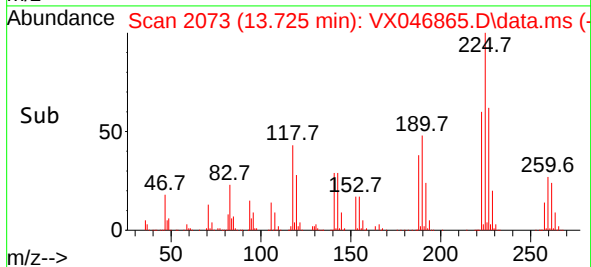
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

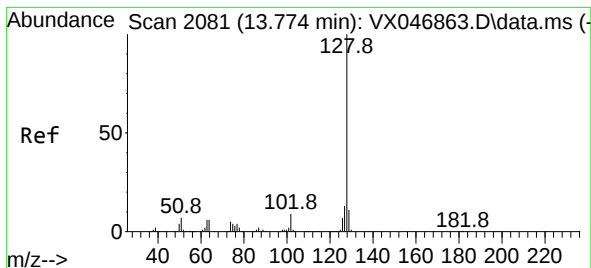


#94
Hexachlorobutadiene
Concen: 151.734 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



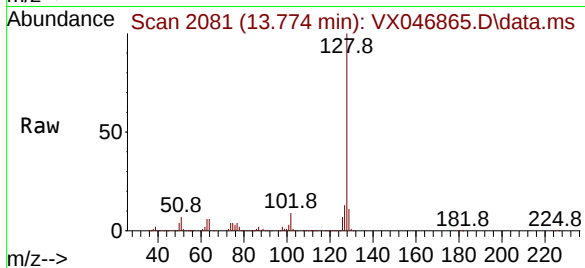
Tgt Ion:225 Resp: 296507
Ion Ratio Lower Upper
225 100
223 61.5 31.6 94.7
227 63.6 31.6 94.7





#95
Naphthalene
Concen: 172.832 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31

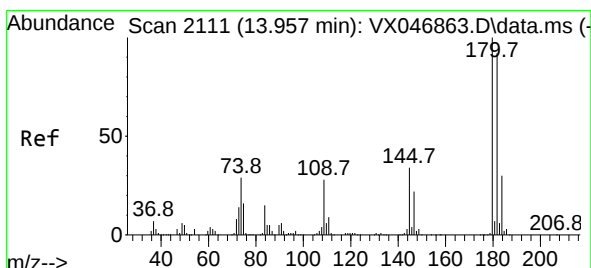
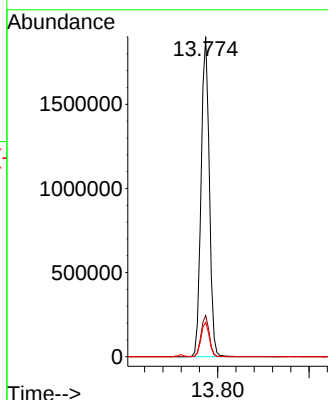
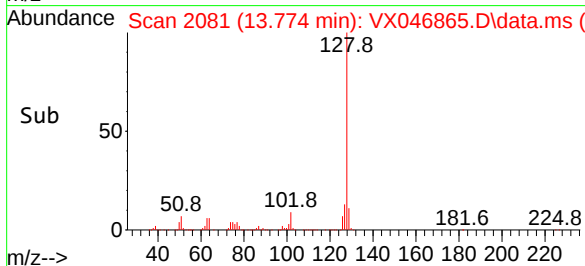
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150



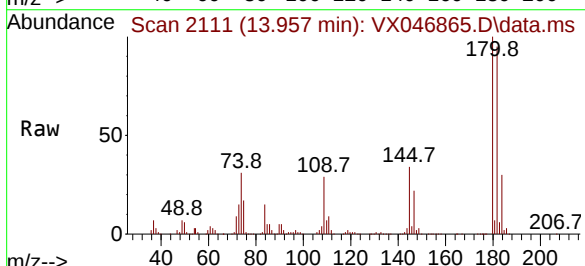
Tgt Ion:128 Resp: 2359854
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#96
1,2,3-Trichlorobenzene
Concen: 161.887 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046865.D
Acq: 02 Jul 2025 14:31



Tgt Ion:180 Resp: 792593
Ion Ratio Lower Upper
180 100
182 94.5 46.7 140.1
145 33.6 16.8 50.3

