

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070225\
 Data File : VX046863.D
 Acq On : 02 Jul 2025 13:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 03 05:32:05 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)

Internal Standards						
1) Pentafluorobenzene	5.562	168	368182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	601240	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	238206	48.973	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.940%		
35) Dibromofluoromethane	5.397	113	203814	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.880%		
50) Toluene-d8	8.647	98	718232	49.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.760%		
62) 4-Bromofluorobenzene	11.079	95	273366	49.952	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.900%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.179	85	179160	50.881	ug/l	100
3) Chloromethane	1.307	50	186908	48.585	ug/l	100
4) Vinyl Chloride	1.386	62	202462	48.327	ug/l	100
5) Bromomethane	1.624	94	132366	49.174	ug/l	100
6) Chloroethane	1.703	64	127577	46.118	ug/l	100
7) Trichlorofluoromethane	1.904	101	315495	48.704	ug/l	100
8) Diethyl Ether	2.148	74	112089	48.624	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.349	101	201760	48.880	ug/l	100
10) Methyl Iodide	2.471	142	232179	51.631	ug/l	100
11) Tert butyl alcohol	2.953	59	77545	243.081	ug/l	100
12) 1,1-Dichloroethene	2.337	96	193069	48.359	ug/l	100
13) Acrolein	2.246	56	84088	238.671	ug/l	100
14) Allyl chloride	2.678	41	347253	48.854	ug/l	100
15) Acrylonitrile	3.075	53	453047	244.641	ug/l	100
16) Acetone	2.386	43	355803	235.495	ug/l	100
17) Carbon Disulfide	2.532	76	494153	47.196	ug/l	100
18) Methyl Acetate	2.715	43	203643	51.137	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	562569	49.898	ug/l	100
20) Methylene Chloride	2.800	84	215411	48.215	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	199150	48.748	ug/l	100
22) Diisopropyl ether	3.770	45	701332	51.071	ug/l	100
23) Vinyl Acetate	3.733	43	2620249	254.689	ug/l	100
24) 1,1-Dichloroethane	3.623	63	382510	48.841	ug/l	100
25) 2-Butanone	4.562	43	506469	251.252	ug/l	100
26) 2,2-Dichloropropane	4.489	77	280159	48.066	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	243080	48.734	ug/l	100
28) Bromochloromethane	4.910	49	194431	50.303	ug/l	100
29) Tetrahydrofuran	5.007	42	322800	251.209	ug/l	100
30) Chloroform	5.105	83	386035	48.247	ug/l	100
31) Cyclohexane	5.483	56	337894	48.598	ug/l	100
32) 1,1,1-Trichloroethane	5.397	97	326288	48.811	ug/l	100
36) 1,1-Dichloropropene	5.702	75	264243	47.988	ug/l	100
37) Ethyl Acetate	4.721	43	216259	46.111	ug/l	100
38) Carbon Tetrachloride	5.690	117	286310	48.549	ug/l	100
39) Methylcyclohexane	7.385	83	341159	49.529	ug/l	100
40) Benzene	6.050	78	815341	48.954	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127915	51.128	ug/l	100
42) 1,2-Dichloroethane	6.092	62	276628	48.913	ug/l	100
43) Isopropyl Acetate	6.342	43	371859	51.765	ug/l	100
44) Trichloroethene	7.129	130	206841	47.708	ug/l	100
45) 1,2-Dichloropropane	7.434	63	207864	49.398	ug/l	100
46) Dibromomethane	7.586	93	144114	49.430	ug/l	100
47) Bromodichloromethane	7.824	83	306696	49.265	ug/l	100
48) Methyl methacrylate	7.696	41	193493	52.165	ug/l	100
49) 1,4-Dioxane	7.659	88	43664	1015.947	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	1101634	259.847	ug/l	100
52) Toluene	8.720	92	505397	48.969	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	284038	51.124	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	320678	50.567	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	191073	49.704	ug/l	100
56) Ethyl methacrylate	9.116	69	276170	51.905	ug/l	100
57) 1,3-Dichloropropane	9.305	76	325345	49.150	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	802354	267.636	ug/l	100
59) 2-Hexanone	9.427	43	742855	264.164	ug/l	100
60) Dibromochloromethane	9.519	129	226427	49.218	ug/l	100
61) 1,2-Dibromoethane	9.610	107	192320	49.814	ug/l	100
64) Tetrachloroethene	9.275	164	170176	47.341	ug/l	100
65) Chlorobenzene	10.079	112	566582	48.538	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	193638	49.347	ug/l	100
67) Ethyl Benzene	10.189	91	987806	49.415	ug/l	100
68) m/p-Xylenes	10.299	106	743275	98.674	ug/l	100
69) o-Xylene	10.640	106	358798	49.311	ug/l	100
70) Styrene	10.653	104	634597	50.976	ug/l	100
71) Bromoform	10.799	173	145282	49.794	ug/l #	100
73) Isopropylbenzene	10.957	105	960979	51.232	ug/l	100
74) N-amyl acetate	10.842	43	338897	53.169	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	256928	49.814	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	210006m	50.937	ug/l	
77) Bromobenzene	11.195	156	233851	50.052	ug/l	100
78) n-propylbenzene	11.299	91	1145518	50.647	ug/l	100
79) 2-Chlorotoluene	11.360	91	662335	49.595	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	780315	51.198	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	77831	50.659	ug/l	100
82) 4-Chlorotoluene	11.451	91	777681	50.461	ug/l	100
83) tert-Butylbenzene	11.713	119	805925	51.197	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	786934	51.082	ug/l	100
85) sec-Butylbenzene	11.884	105	1009027	50.840	ug/l	100
86) p-Isopropyltoluene	12.006	119	843813	50.770	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	434168	49.687	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	435439	47.882	ug/l	100
89) n-Butylbenzene	12.329	91	797119	51.042	ug/l	100
90) Hexachloroethane	12.536	117	147768	50.152	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	418287	49.398	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	45584	50.530	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	290148	50.438	ug/l	100
94) Hexachlorobutadiene	13.719	225	109236	50.352	ug/l	100
95) Naphthalene	13.774	128	809540	53.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	278713	51.278	ug/l	100

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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

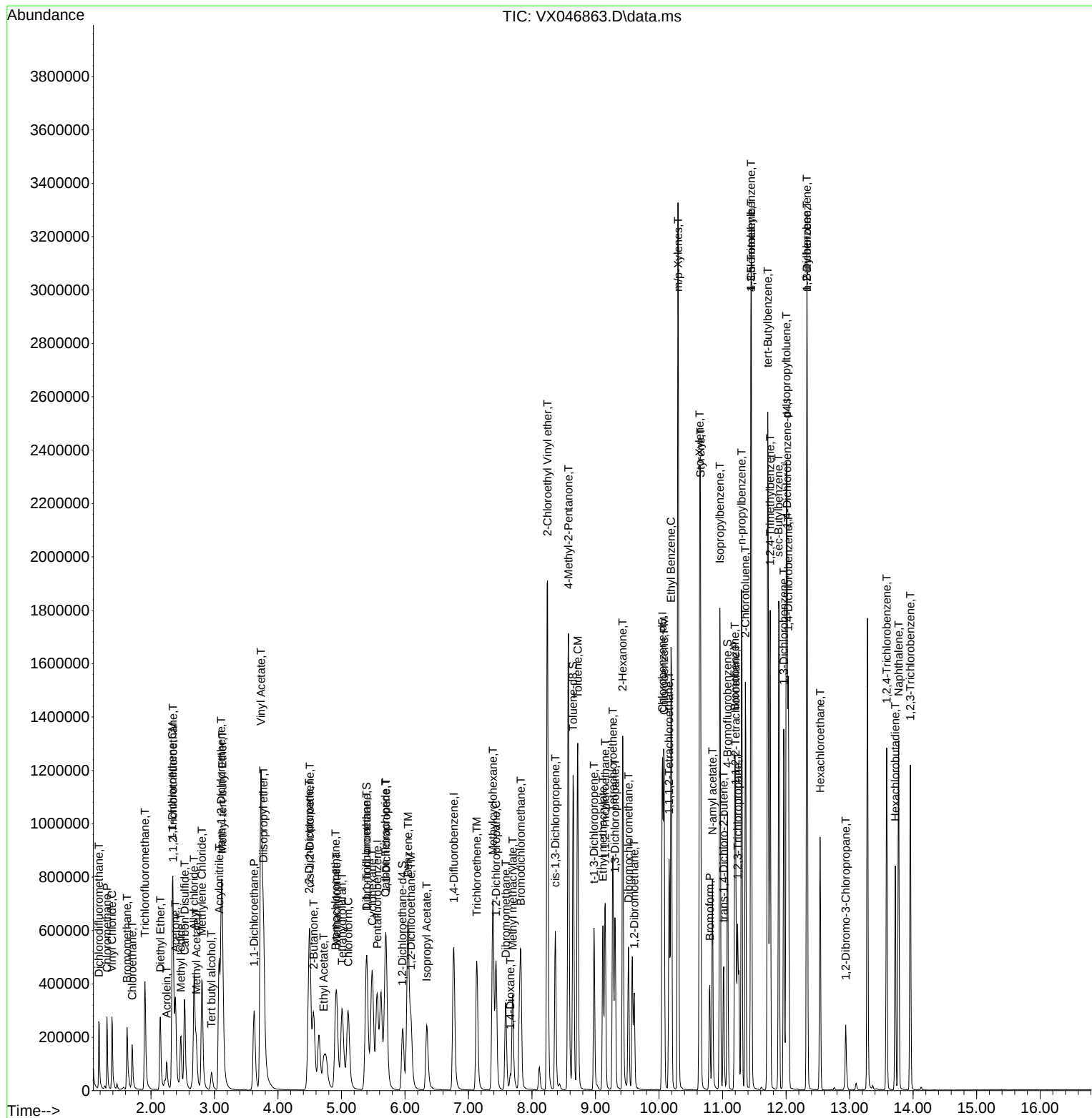
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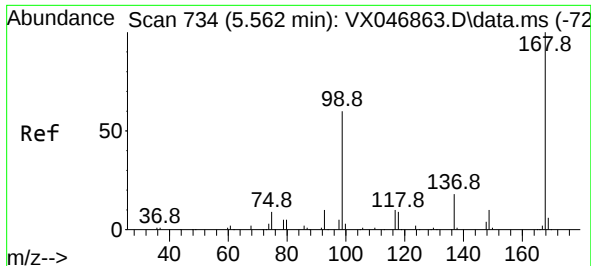
Instrument :
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Manual Integrations APPROVED

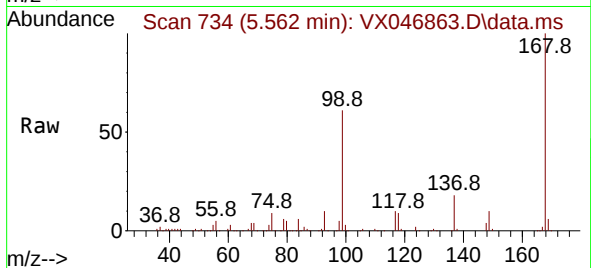
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046863.D
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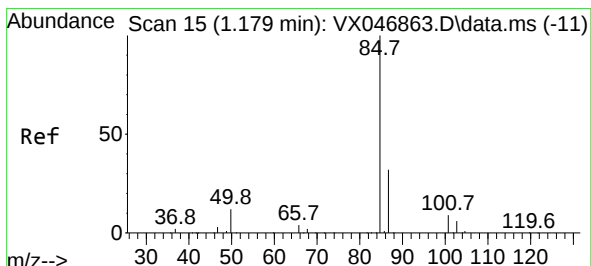
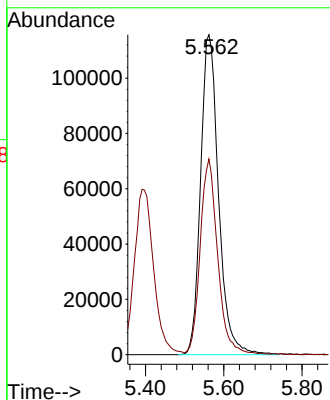
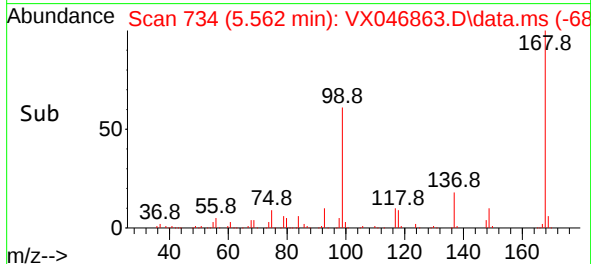
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 36818
Ion Ratio Lower Upper
168 100
99 61.0 48.8 73.2

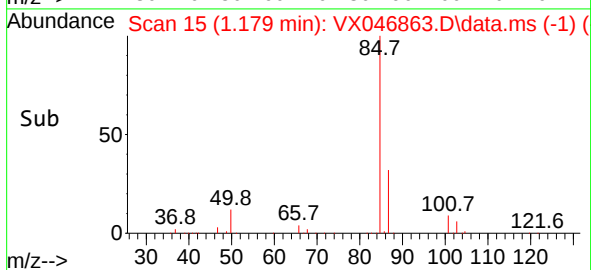
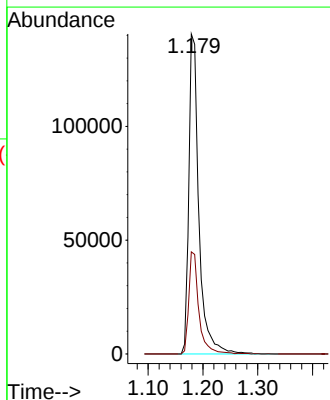
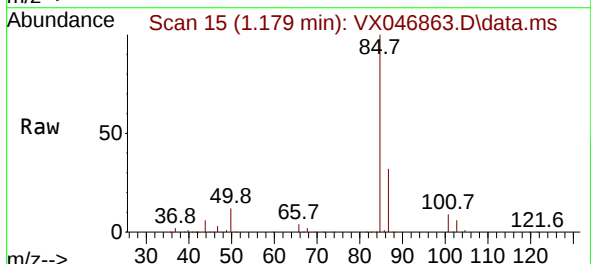
Manual Integrations
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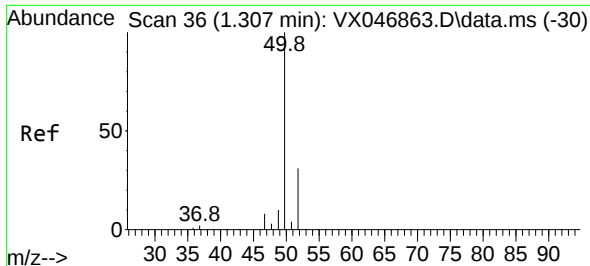
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#2
Dichlorodifluoromethane
Concen: 50.881 ug/l
RT: 1.179 min Scan# 15
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

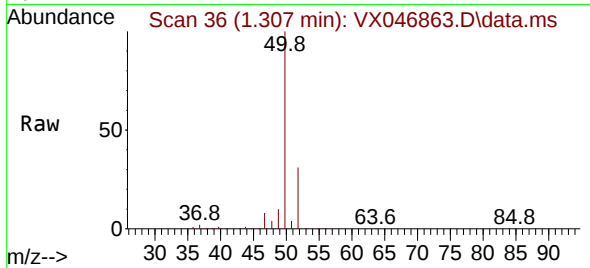
Tgt Ion: 85 Resp: 179160
Ion Ratio Lower Upper
85 100
87 31.9 16.0 47.9





#3
Chloromethane
Concen: 48.585 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

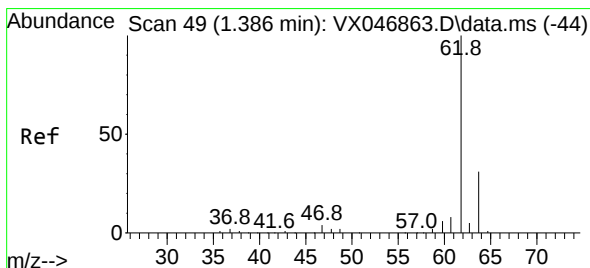
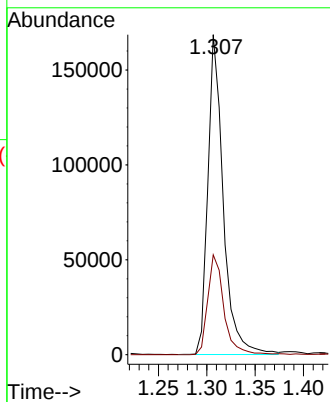
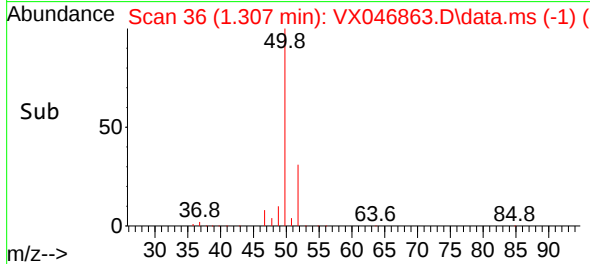
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 50 Resp: 186908
Ion Ratio Lower Upper
50 100
52 31.2 25.0 37.4

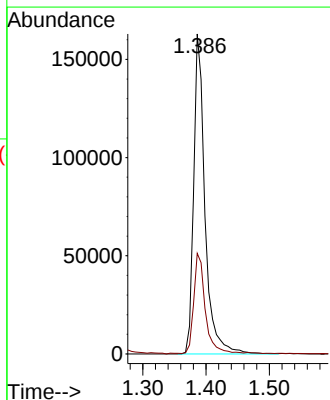
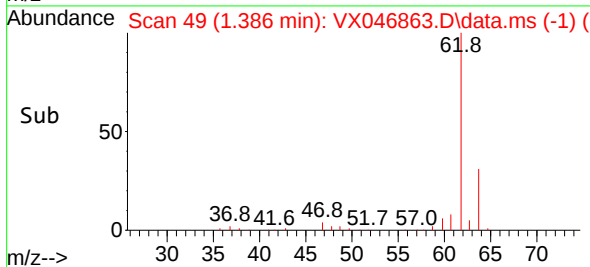
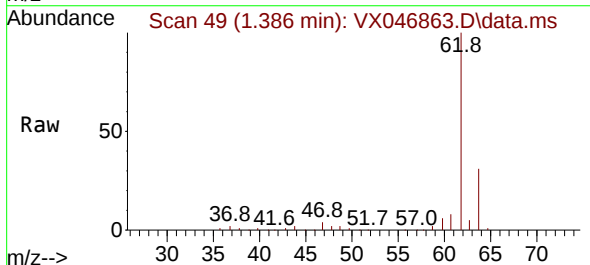
Manual Integrations
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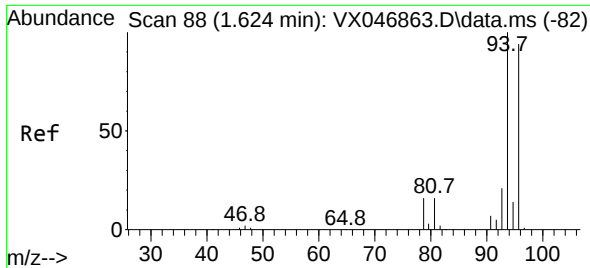
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#4
Vinyl Chloride
Concen: 48.327 ug/l
RT: 1.386 min Scan# 49
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

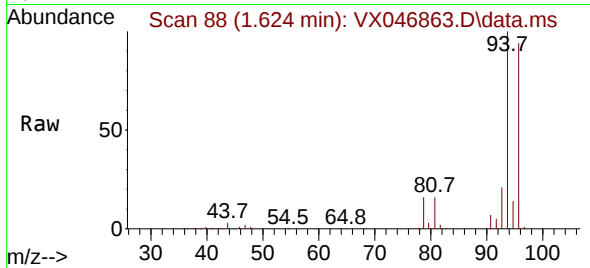
Tgt Ion: 62 Resp: 202462
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 49.174 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

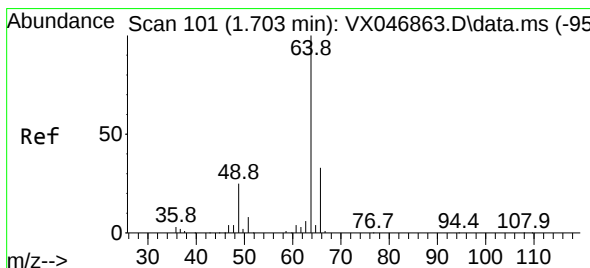
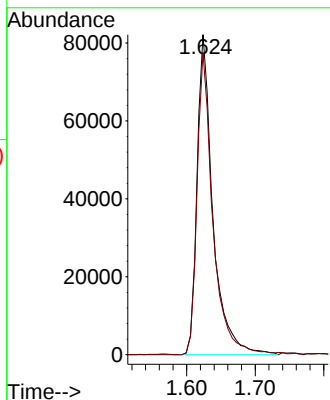
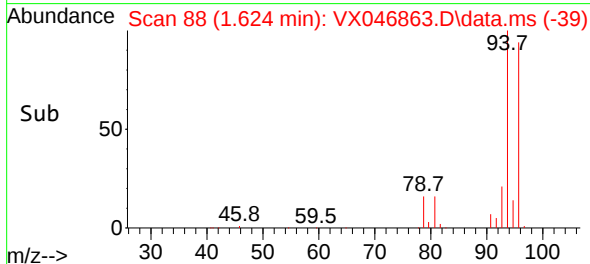
Instrument :
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Tgt Ion: 94 Resp: 132360
Ion Ratio Lower Upper
94 100
96 94.4 75.5 113.3

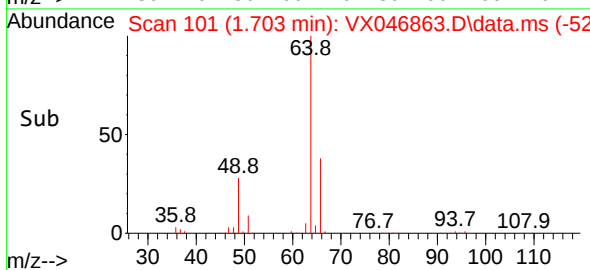
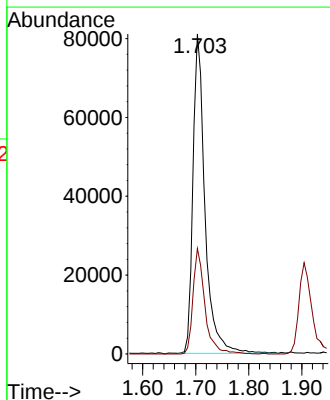
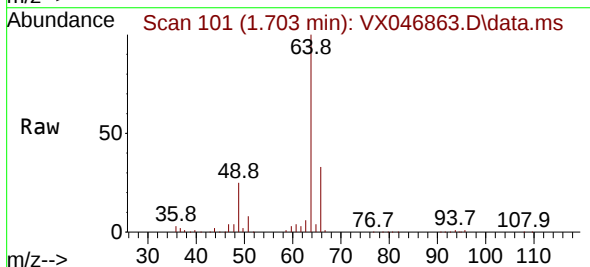
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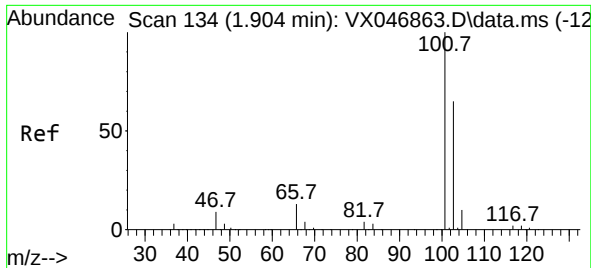
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#6
Chloroethane
Concen: 46.118 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

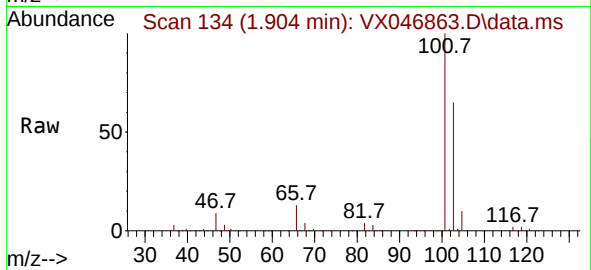
Tgt Ion: 64 Resp: 127577
Ion Ratio Lower Upper
64 100
66 33.0 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 48.704 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046863.D
 Acq: 02 Jul 2025 13:39

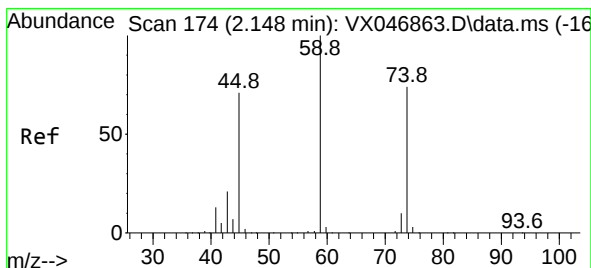
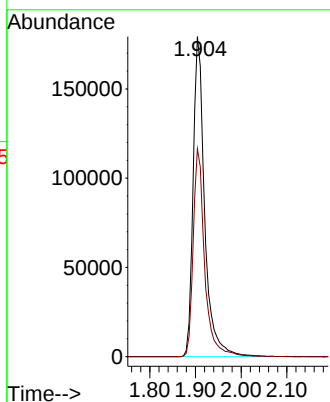
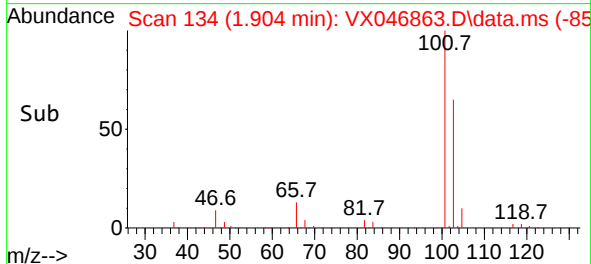
Instrument :
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Tgt Ion:101 Resp: 31549
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.9 77.9

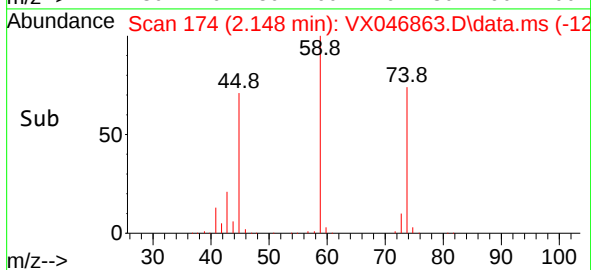
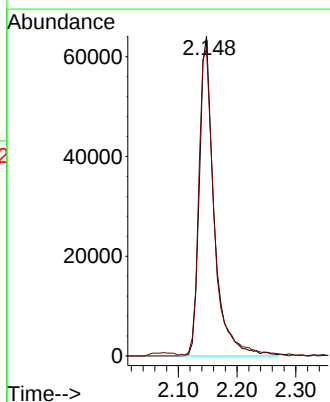
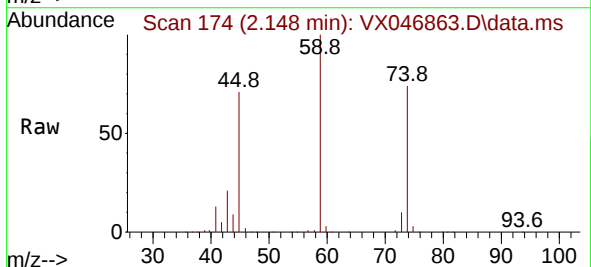
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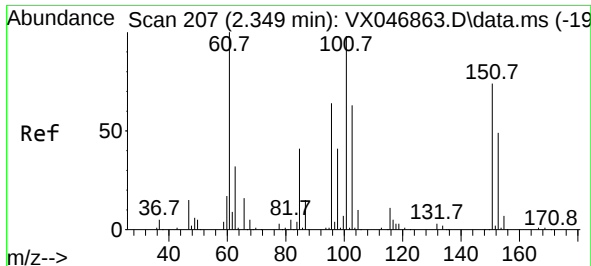
Reviewed By :John Carlone 07/03/2025
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#8
 Diethyl Ether
 Concen: 48.624 ug/l
 RT: 2.148 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VX046863.D
 Acq: 02 Jul 2025 13:39

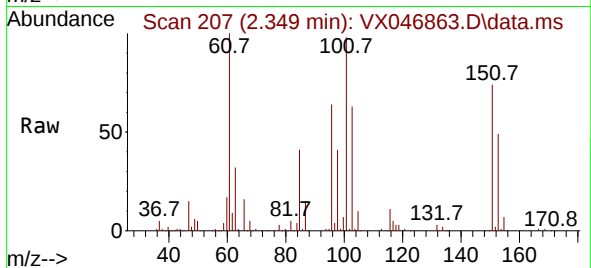
Tgt Ion: 74 Resp: 112089
 Ion Ratio Lower Upper
 74 100
 45 101.4 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.880 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

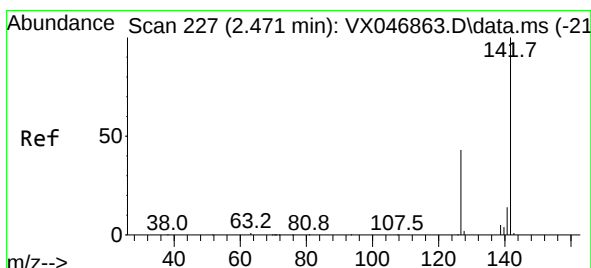
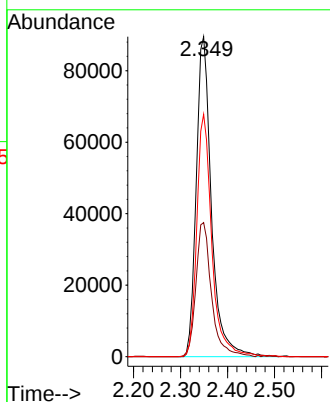
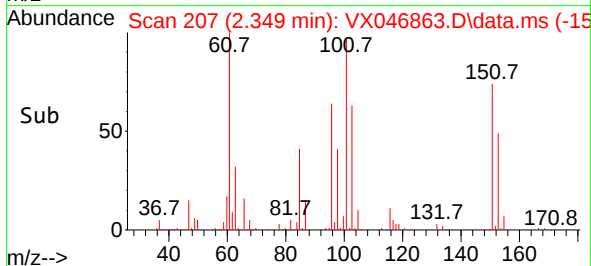
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



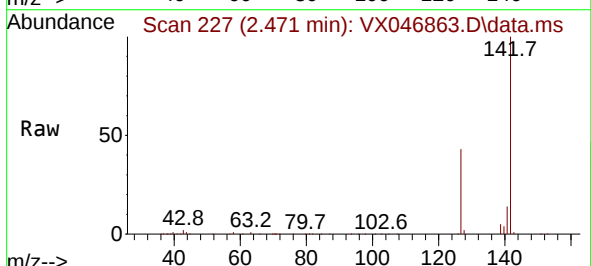
Tgt Ion:101 Resp: 201760
Ion Ratio Lower Upper
101 100
85 42.9 34.3 51.5
151 74.9 59.9 89.9

Manual Integrations
APPROVED

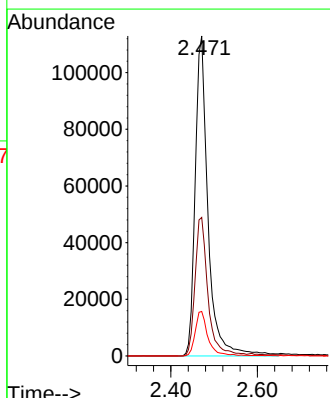
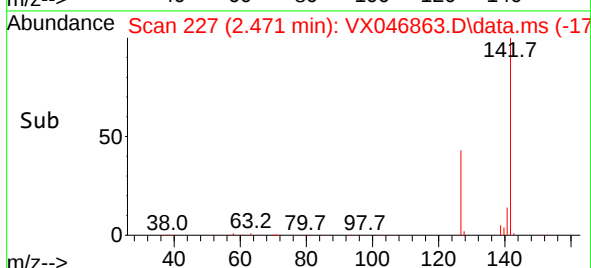
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

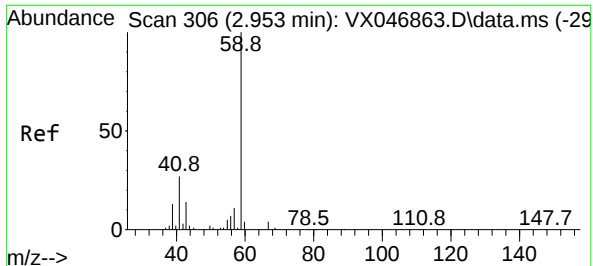


#10
Methyl Iodide
Concen: 51.631 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



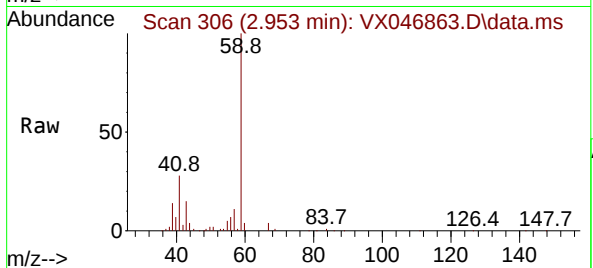
Tgt Ion:142 Resp: 232179
Ion Ratio Lower Upper
142 100
127 43.6 34.9 52.3
141 13.9 11.1 16.7





#11
Tert butyl alcohol
Concen: 243.081 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

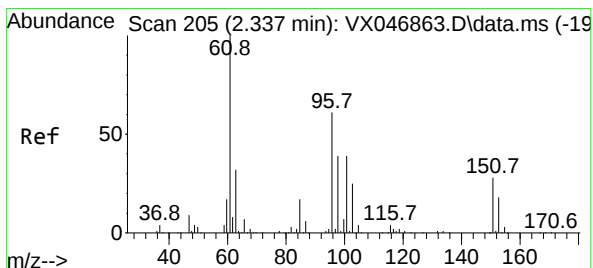
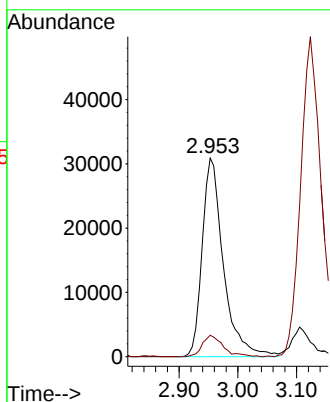
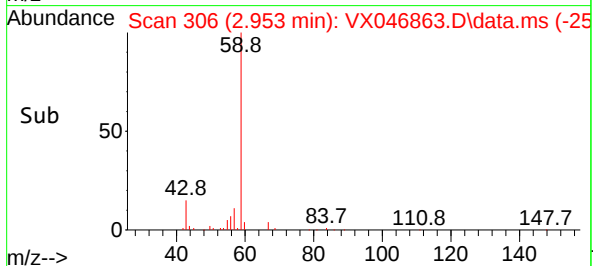
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



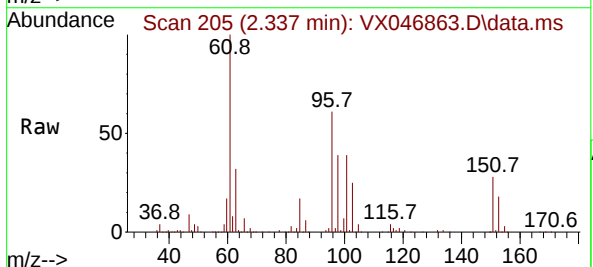
Tgt Ion: 59 Resp: 77549
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

Manual Integrations
APPROVED

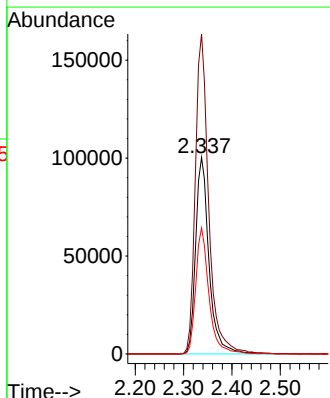
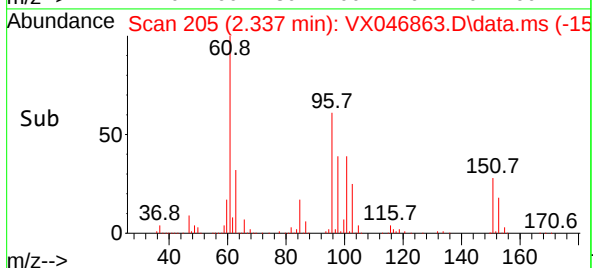
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

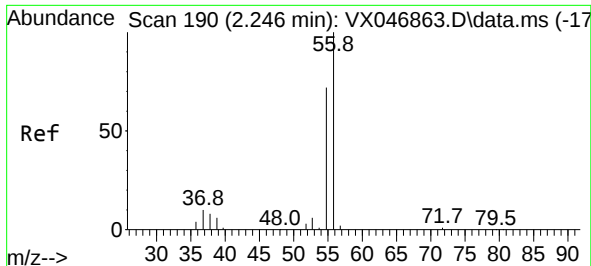


#12
1,1-Dichloroethene
Concen: 48.359 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



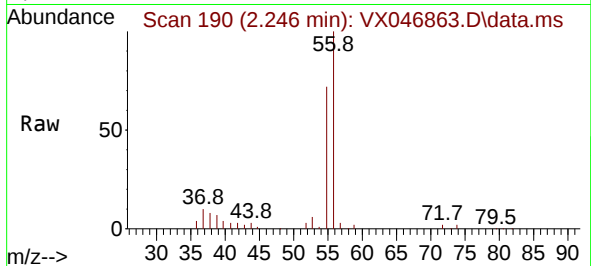
Tgt Ion: 96 Resp: 193069
Ion Ratio Lower Upper
96 100
61 162.8 130.2 195.4
98 64.1 51.3 76.9





#13
Acrolein
Concen: 238.671 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

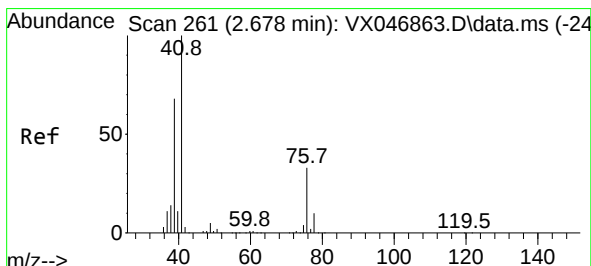
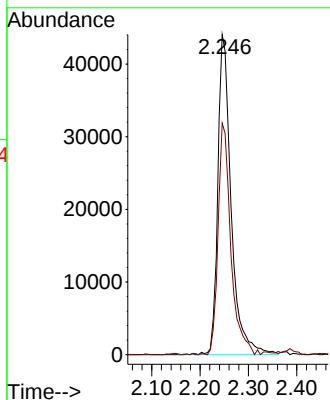
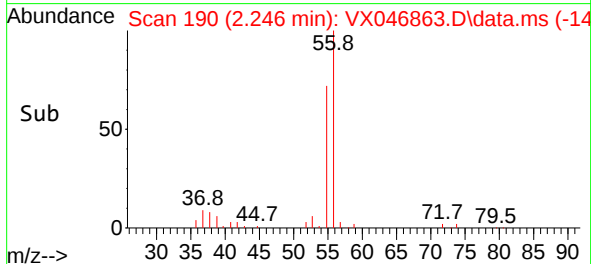
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 84088
Ion Ratio Lower Upper
56 100
55 69.4 55.5 83.3

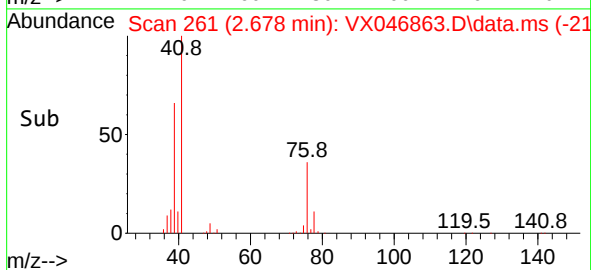
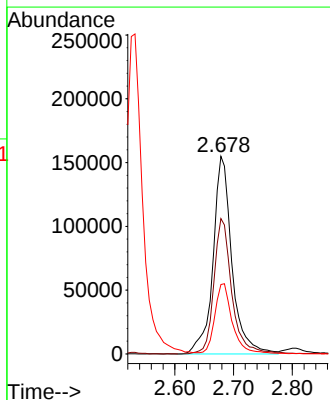
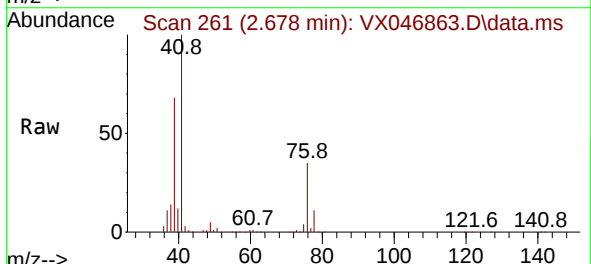
Manual Integrations
APPROVED

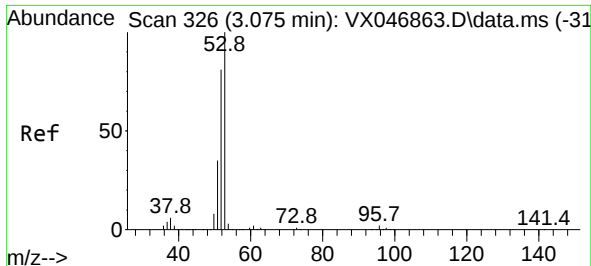
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#14
Allyl chloride
Concen: 48.854 ug/l
RT: 2.678 min Scan# 261
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

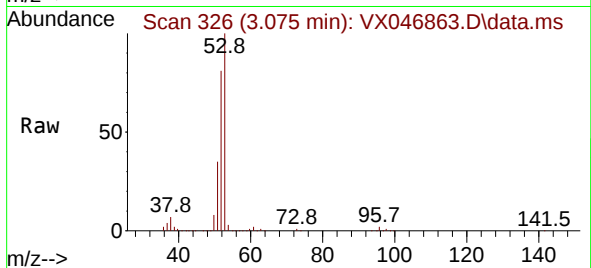
Tgt Ion: 41 Resp: 347253
Ion Ratio Lower Upper
41 100
39 65.0 52.0 78.0
76 32.7 26.2 39.2





#15
Acrylonitrile
Concen: 244.641 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

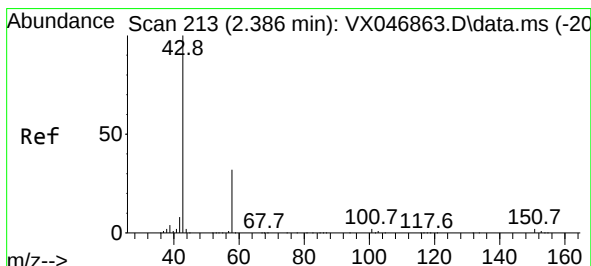
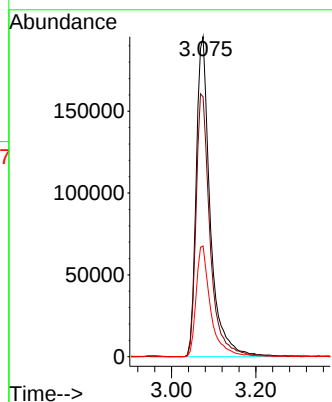
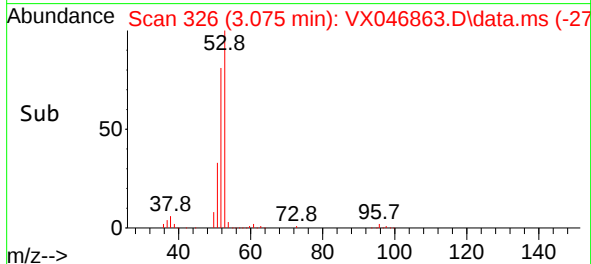
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



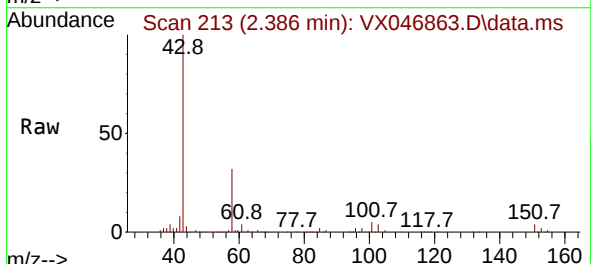
Tgt Ion: 53 Resp: 45304
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.8 28.6 43.0

Manual Integrations
APPROVED

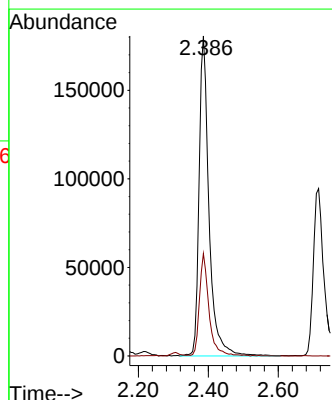
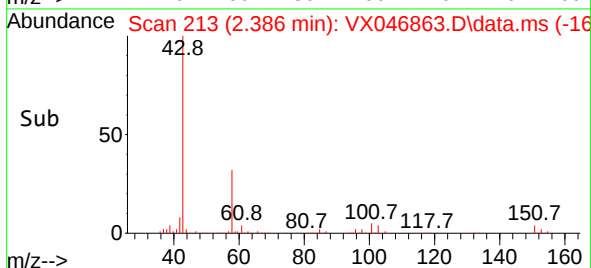
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

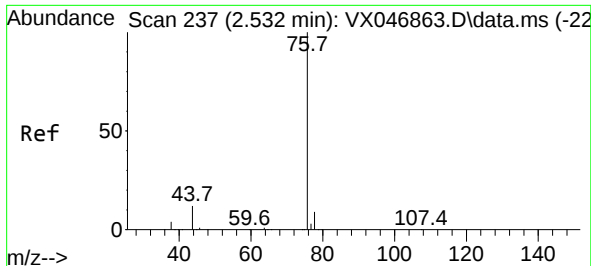


#16
Acetone
Concen: 235.495 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



Tgt Ion: 43 Resp: 355803
Ion Ratio Lower Upper
43 100
58 32.2 25.8 38.6





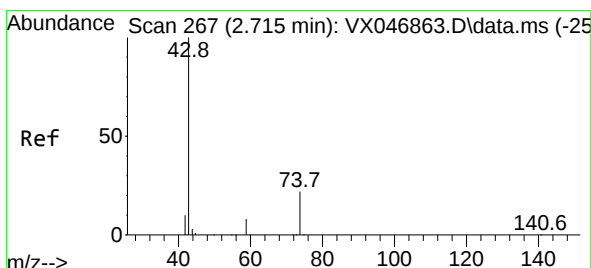
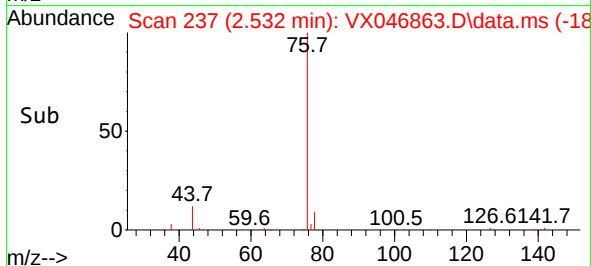
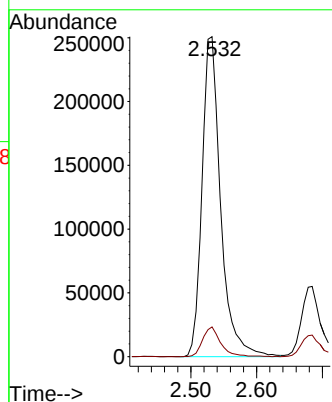
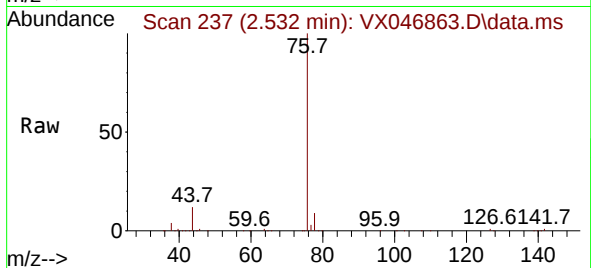
#17
Carbon Disulfide
Concen: 47.196 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 49415
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

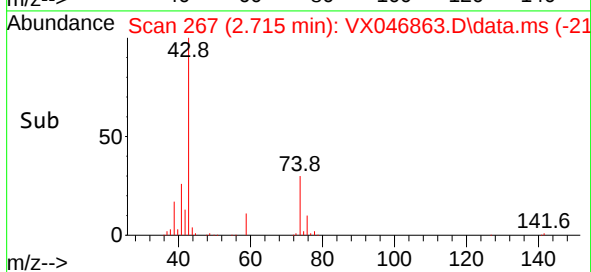
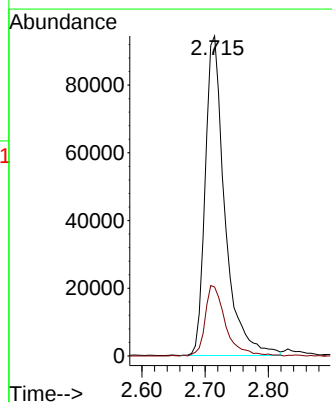
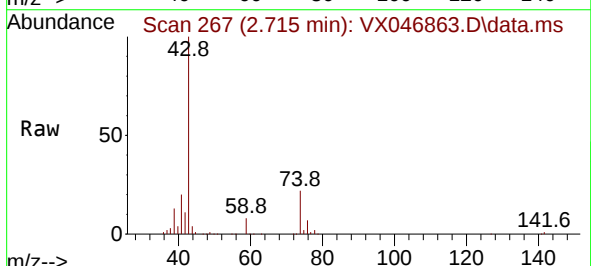
Manual Integrations
APPROVED

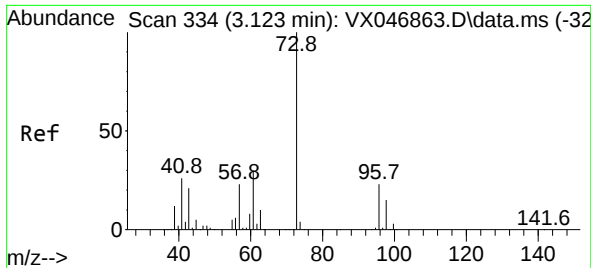
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#18
Methyl Acetate
Concen: 51.137 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 43 Resp: 203643
Ion Ratio Lower Upper
43 100
74 22.9 18.3 27.5





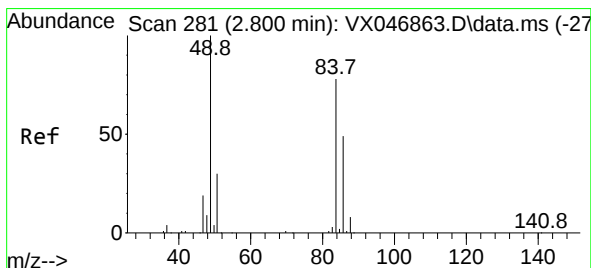
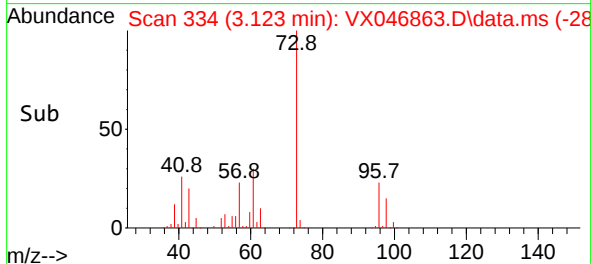
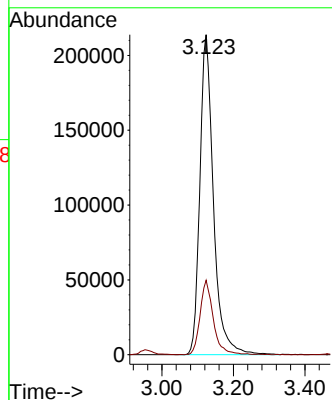
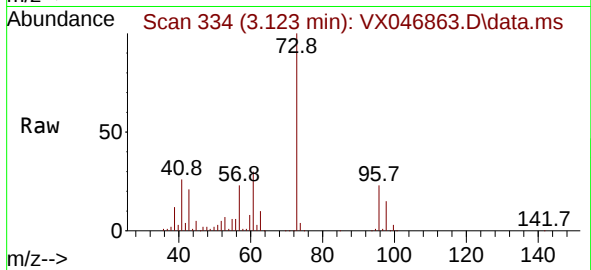
#19
Methyl tert-butyl Ether
Concen: 49.898 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 56256
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0

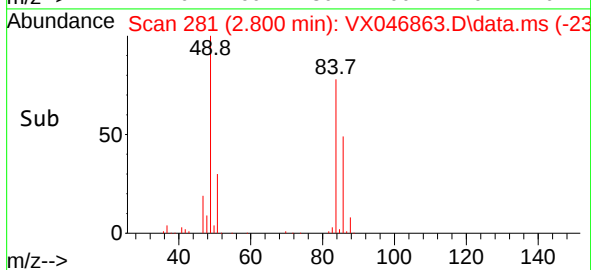
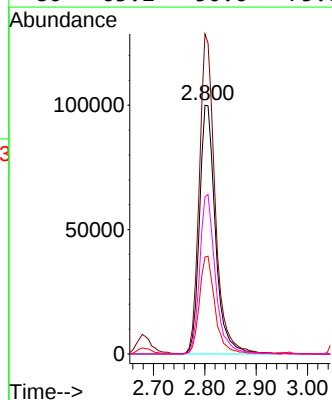
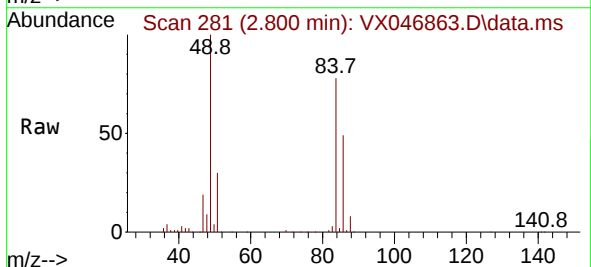
Manual Integrations
APPROVED

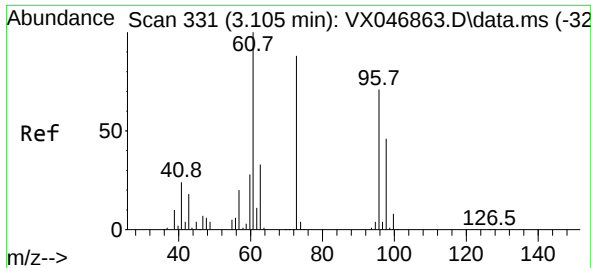
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#20
Methylene Chloride
Concen: 48.215 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

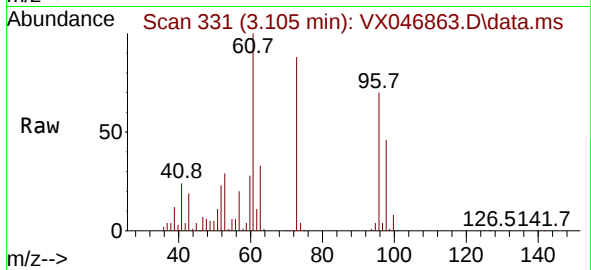
Tgt Ion: 84 Resp: 215411
Ion Ratio Lower Upper
84 100
49 128.5 102.8 154.2
51 38.9 31.1 46.7
86 63.2 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 48.748 ug/l
RT: 3.105 min Scan# 331
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

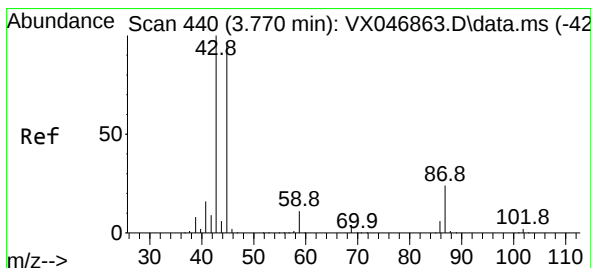
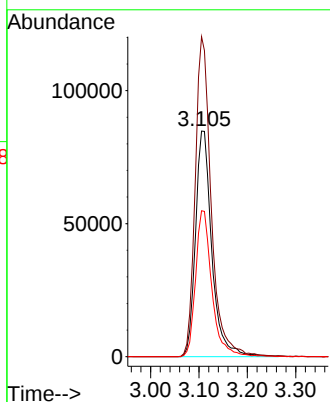
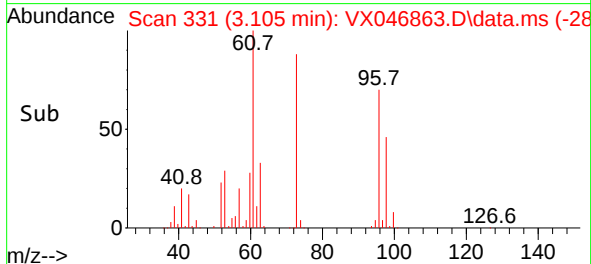
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 199150
Ion Ratio Lower Upper
96 100
61 141.8 113.4 170.2
98 64.7 51.8 77.6

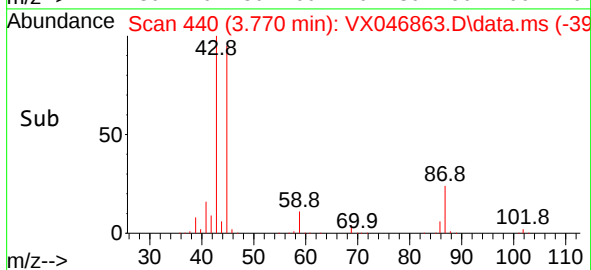
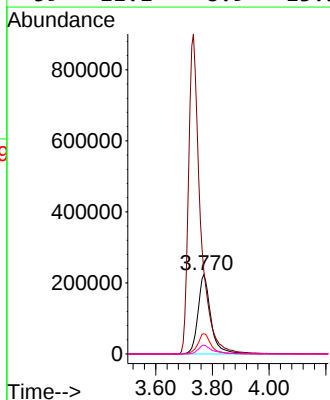
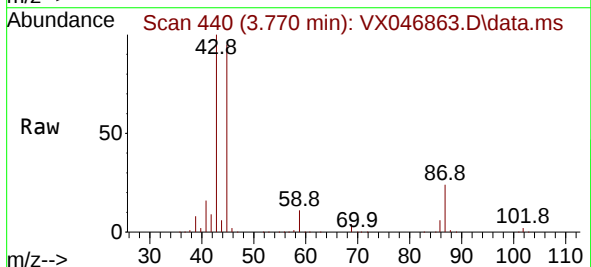
Manual Integrations
APPROVED

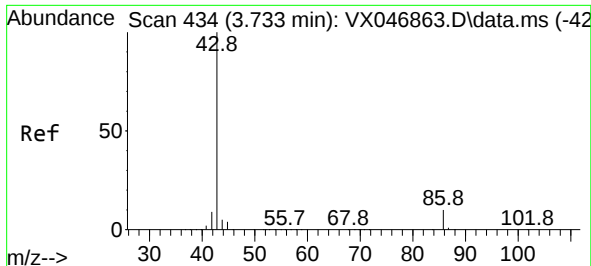
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#22
Diisopropyl ether
Concen: 51.071 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 45 Resp: 701332
Ion Ratio Lower Upper
45 100
43 105.3 84.2 126.4
87 25.4 20.3 30.5
59 11.1 8.9 13.3





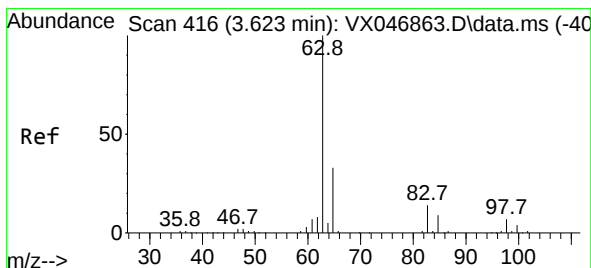
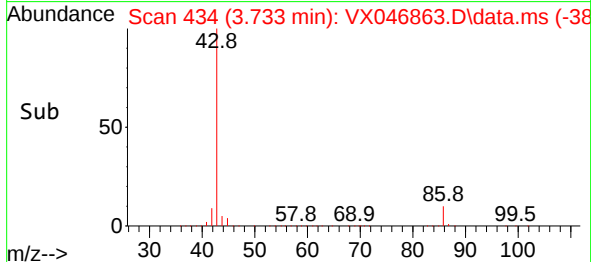
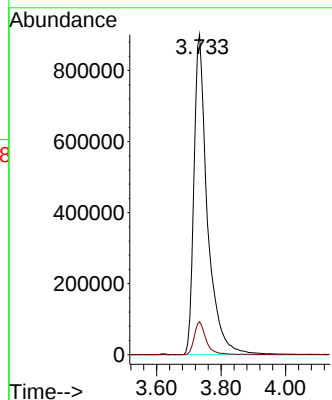
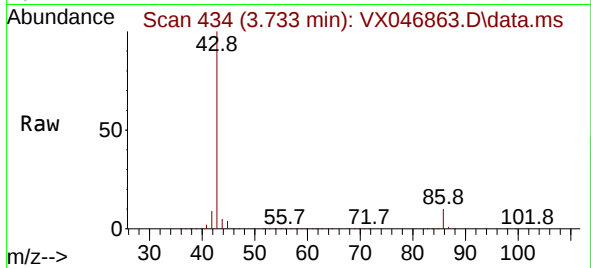
#23
 Vinyl Acetate
 Concen: 254.689 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX046863.D
 Acq: 02 Jul 2025 13:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 43 Resp: 2620249
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4

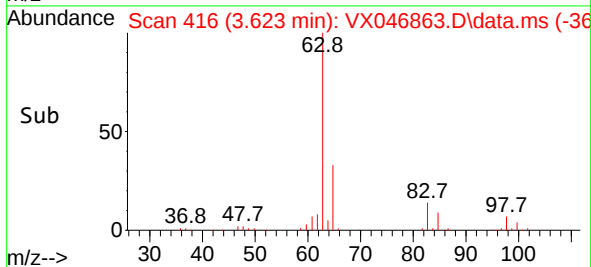
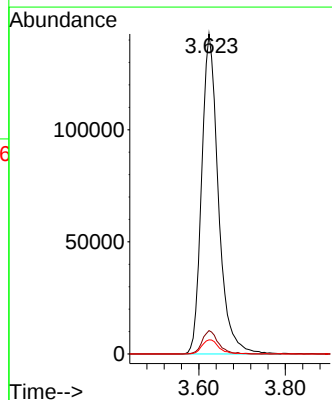
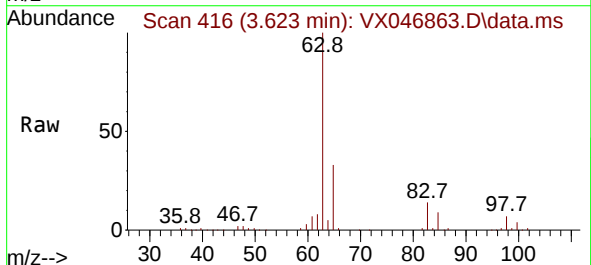
Manual Integrations
 APPROVED

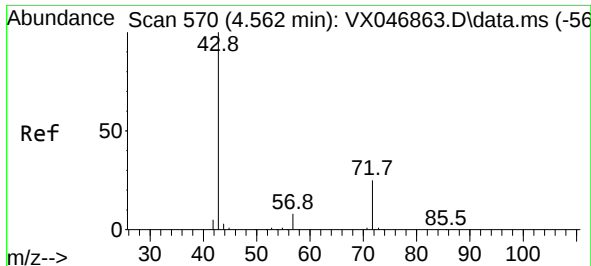
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025



#24
 1,1-Dichloroethane
 Concen: 48.841 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. 0.000 min
 Lab File: VX046863.D
 Acq: 02 Jul 2025 13:39

Tgt Ion: 63 Resp: 382510
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.6 2.3 6.9





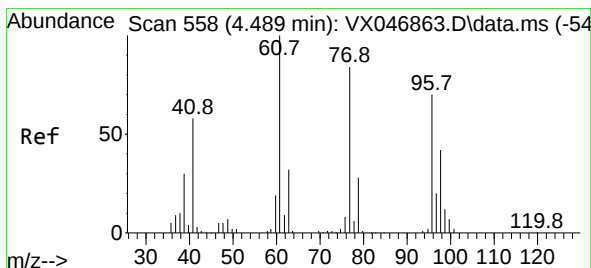
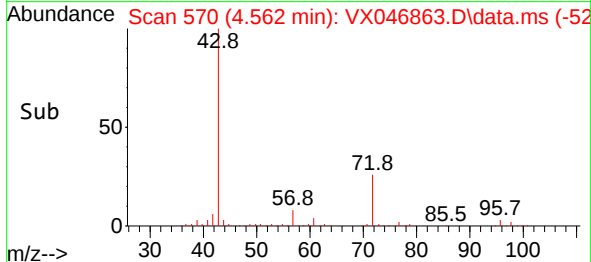
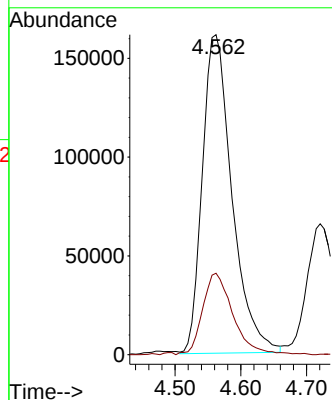
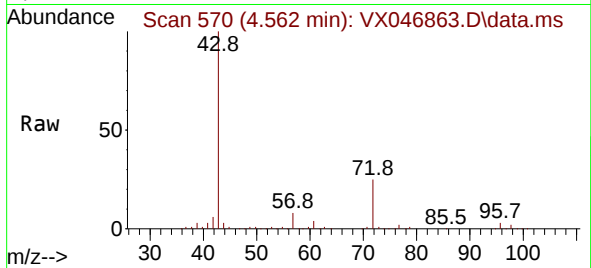
#25
2-Butanone
Concen: 251.252 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 506469
Ion Ratio Lower Upper
43 100
72 25.0 20.0 30.0

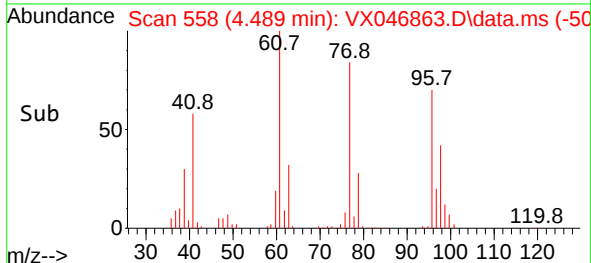
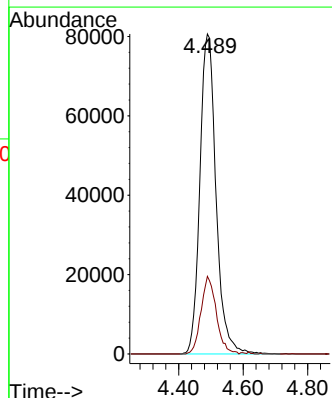
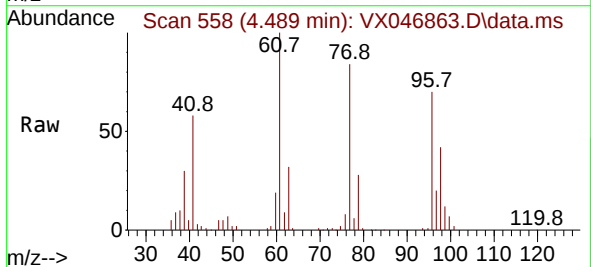
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 48.066 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 77 Resp: 280159
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 48.734 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 243080

Ion Ratio Lower Upper

96 100

61 144.3 0.0 288.6

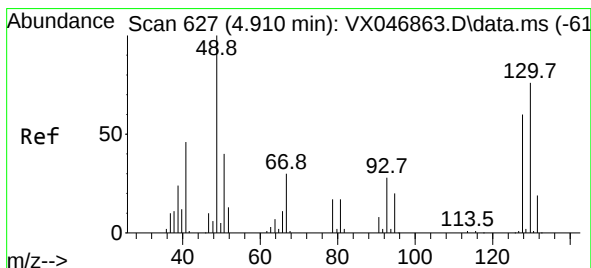
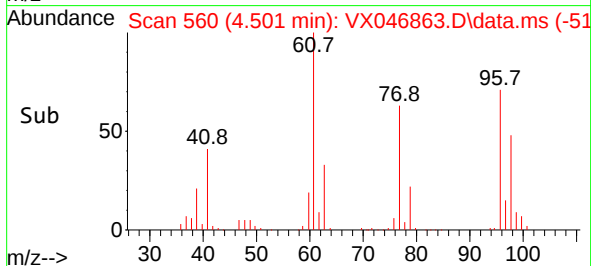
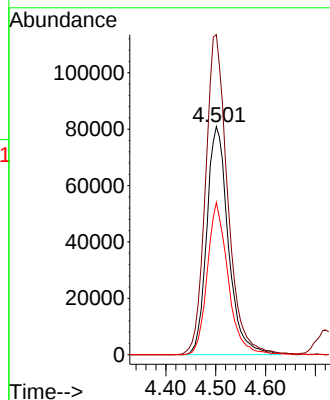
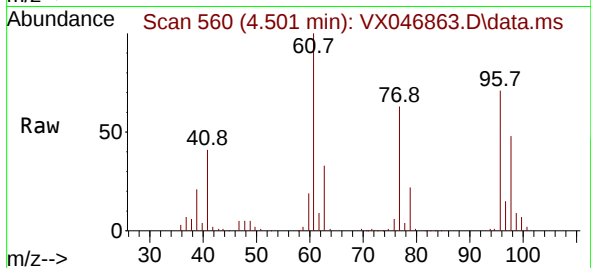
98 64.4 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#28

Bromochloromethane

Concen: 50.303 ug/l

RT: 4.910 min Scan# 627

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

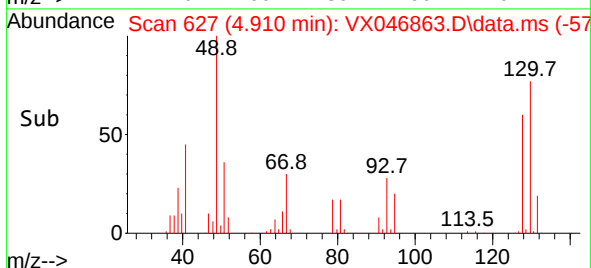
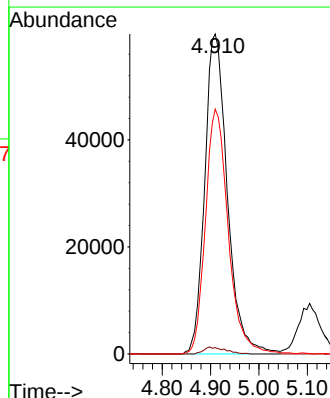
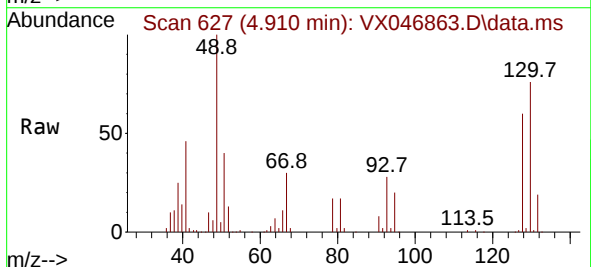
Tgt Ion: 49 Resp: 194431

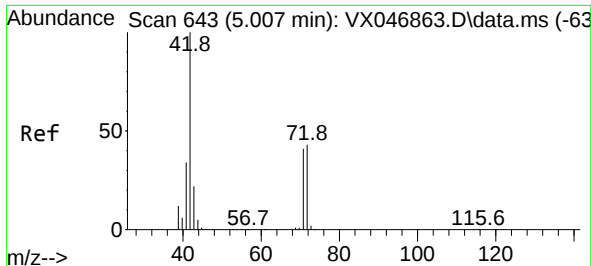
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 77.1 61.7 92.5





#29

Tetrahydrofuran

Concen: 251.209 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 322800

Ion Ratio Lower Upper

42 100

72 43.9 35.1 52.7

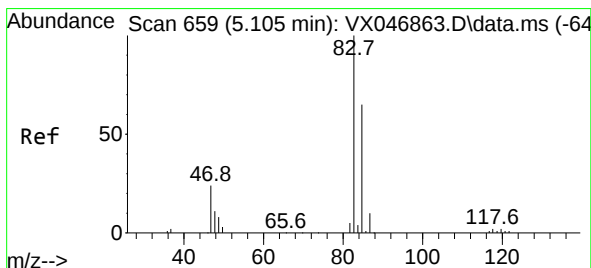
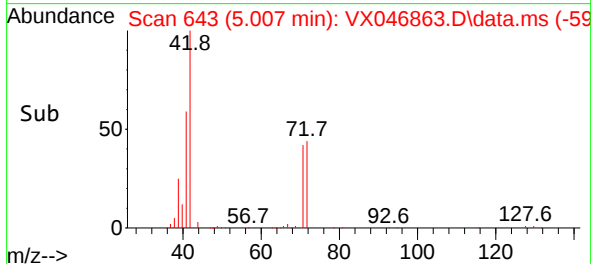
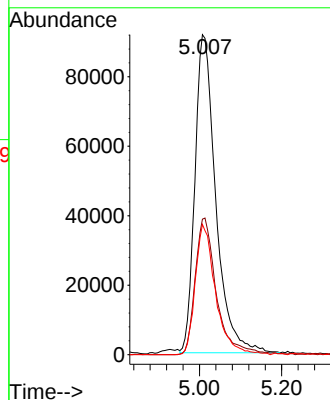
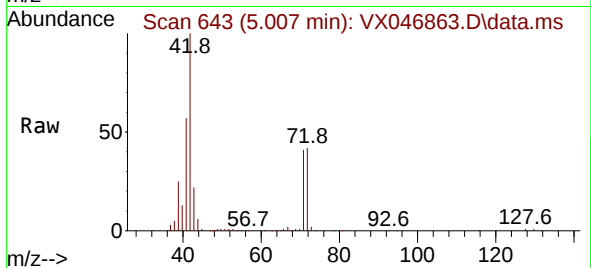
71 39.9 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#30

Chloroform

Concen: 48.247 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.000 min

Lab File: VX046863.D

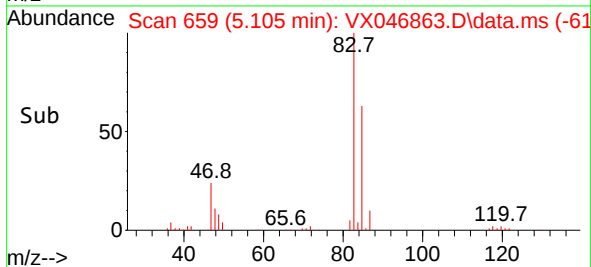
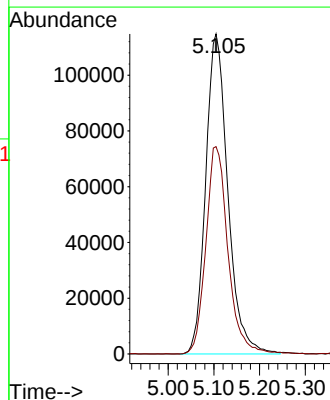
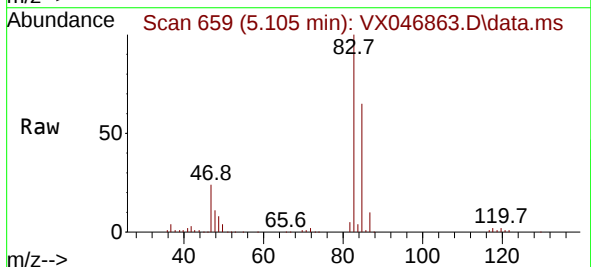
Acq: 02 Jul 2025 13:39

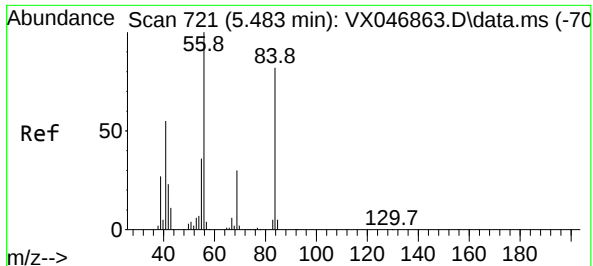
Tgt Ion: 83 Resp: 386035

Ion Ratio Lower Upper

83 100

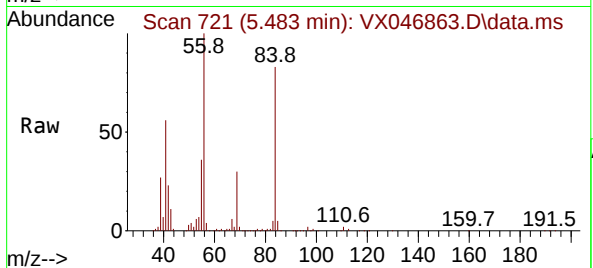
85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 48.598 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

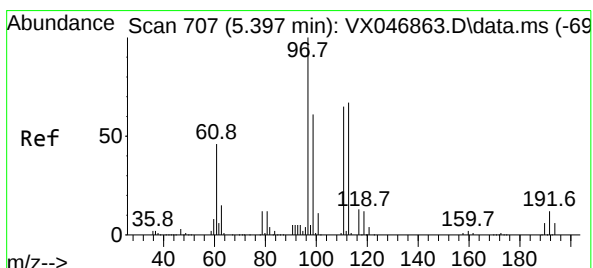
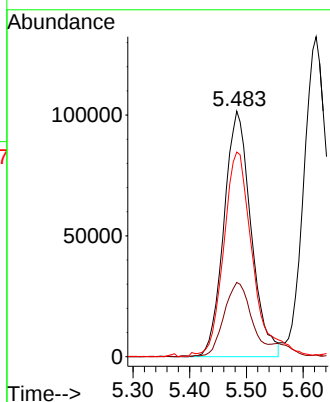
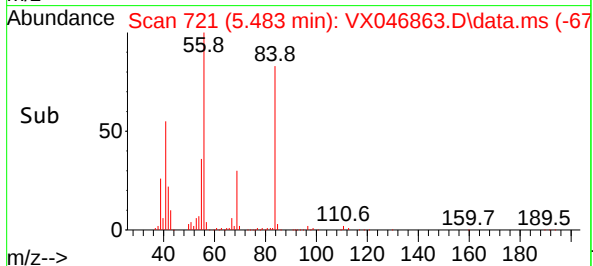
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



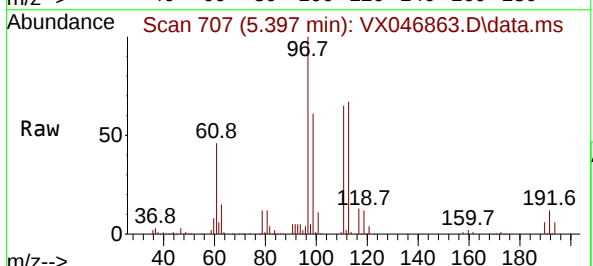
Tgt Ion: 56 Resp: 337894
Ion Ratio Lower Upper
56 100
69 30.0 24.0 36.0
84 83.1 66.5 99.7

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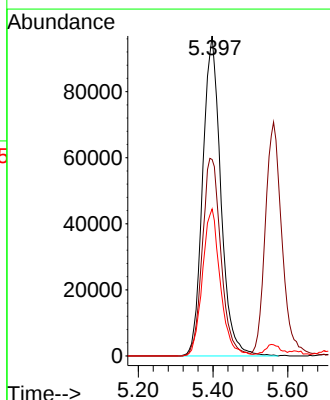
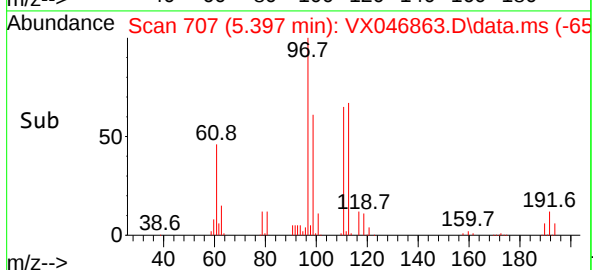
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

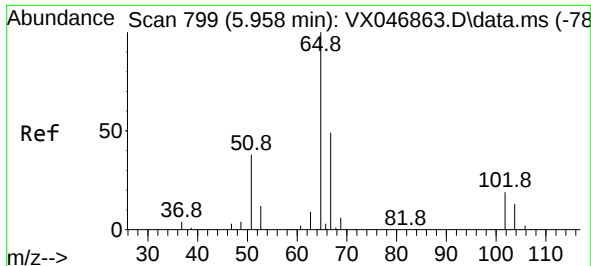


#32
1,1,1-Trichloroethane
Concen: 48.811 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



Tgt Ion: 97 Resp: 326288
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 45.4 36.3 54.5





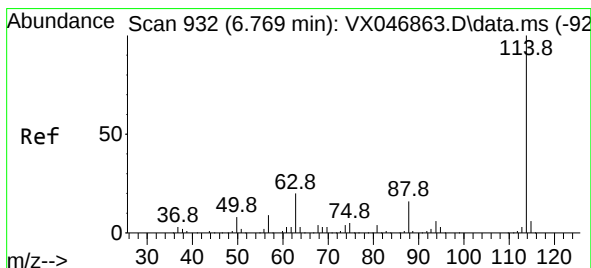
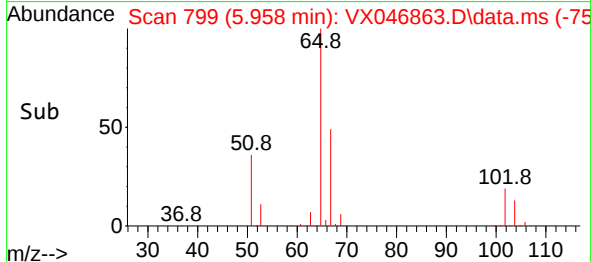
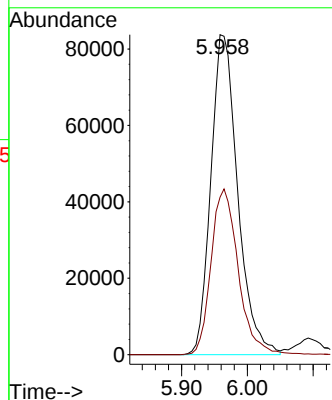
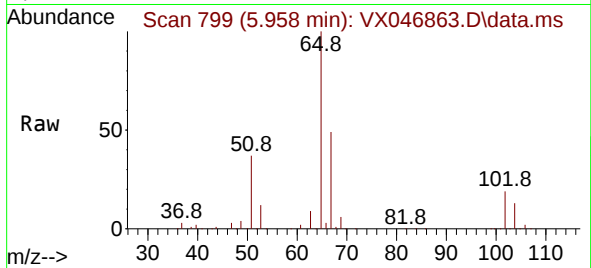
#33
1,2-Dichloroethane-d4
Concen: 48.973 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 238200
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.2

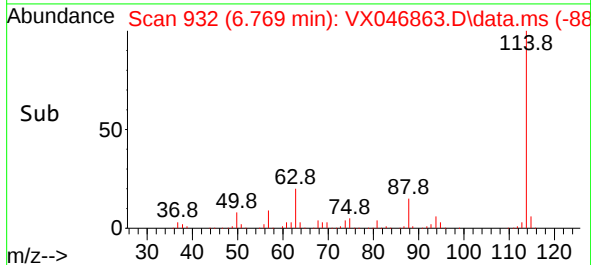
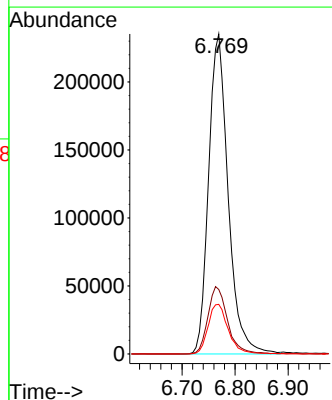
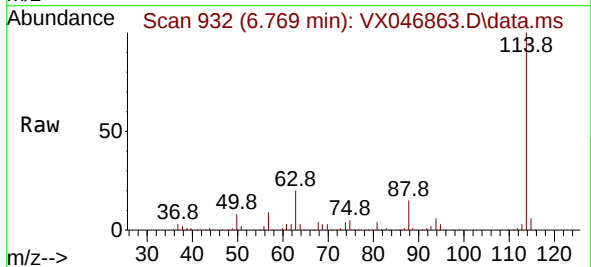
Manual Integrations
APPROVED

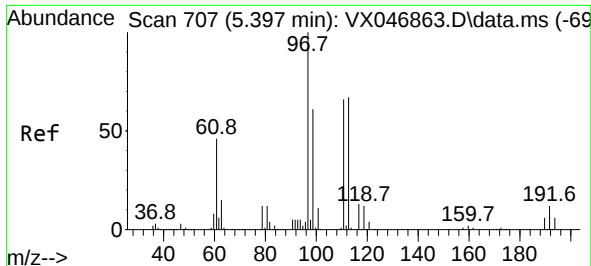
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

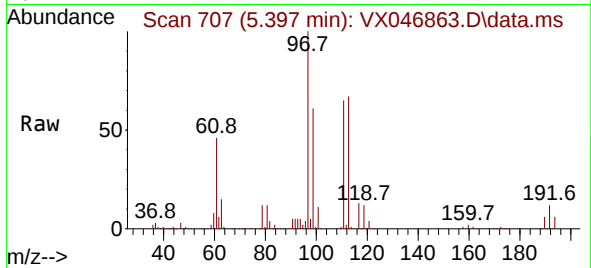
Tgt Ion:114 Resp: 601240
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.4
88 15.5 0.0 31.0





#35
Dibromofluoromethane
Concen: 49.939 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

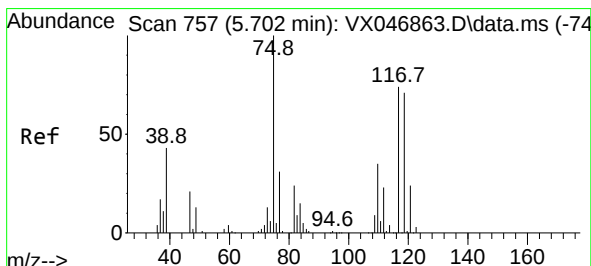
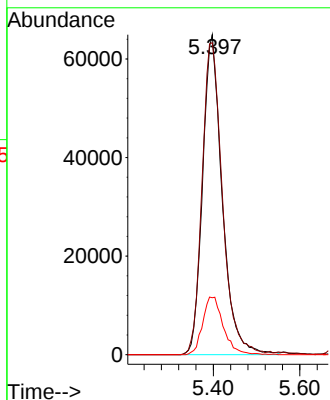
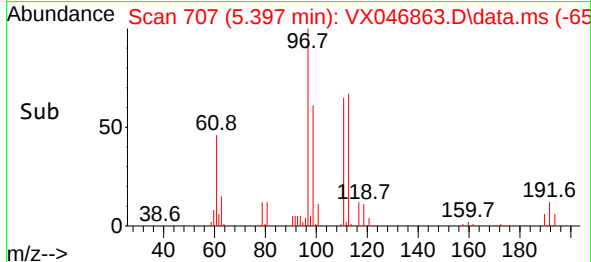
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 203814
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 19.1 15.3 22.9

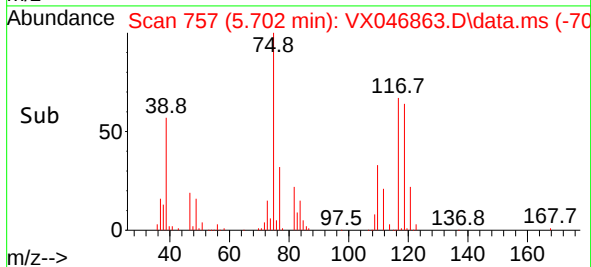
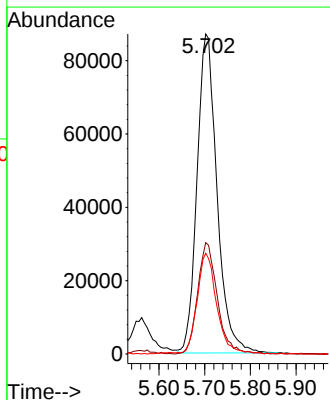
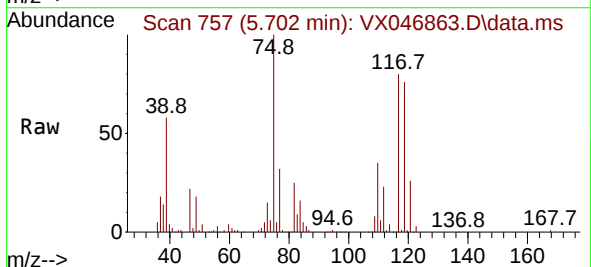
Manual Integrations
APPROVED

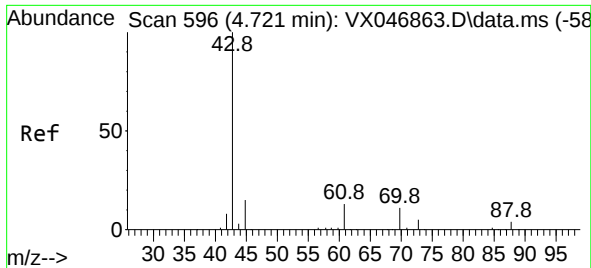
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#36
1,1-Dichloropropene
Concen: 47.988 ug/l
RT: 5.702 min Scan# 757
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

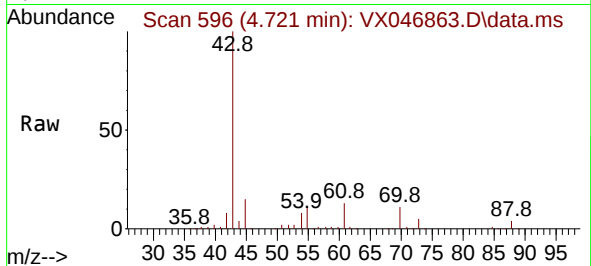
Tgt Ion: 75 Resp: 264243
Ion Ratio Lower Upper
75 100
110 34.6 17.3 51.9
77 30.3 24.2 36.4





#37
Ethyl Acetate
Concen: 46.111 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

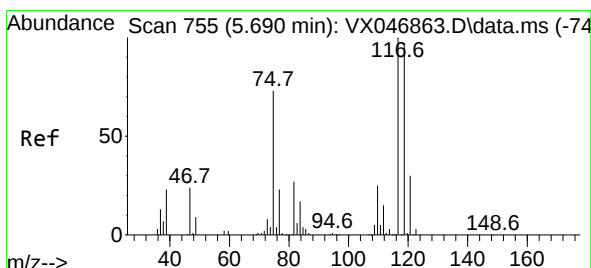
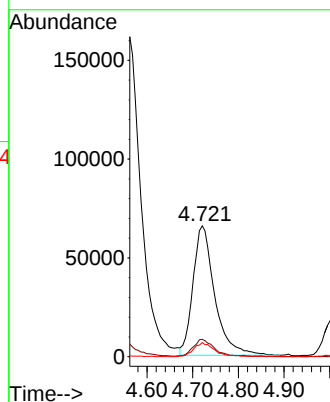
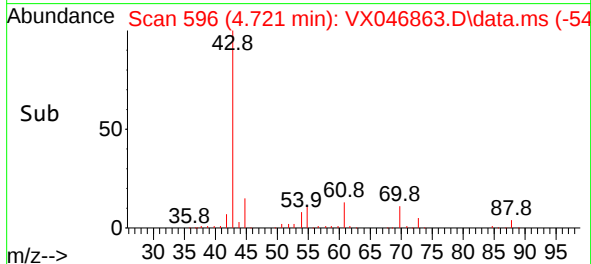
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 21625
Ion Ratio Lower Upper
43 100
61 12.1 9.7 14.5
70 10.4 8.3 12.5

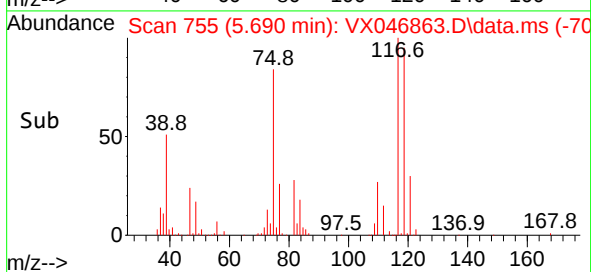
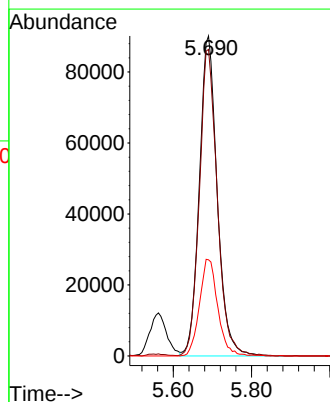
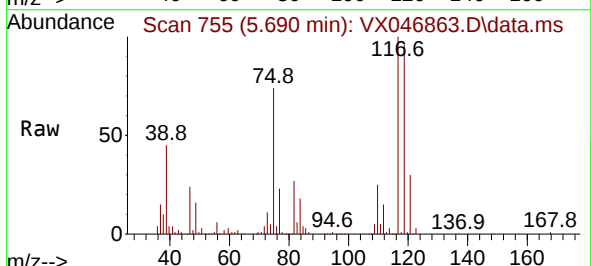
Manual Integrations
APPROVED

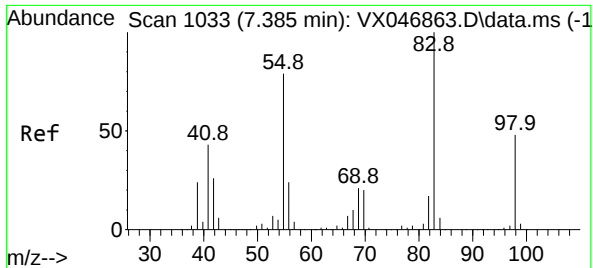
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#38
Carbon Tetrachloride
Concen: 48.549 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion:117 Resp: 286310
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
121 30.1 24.1 36.1





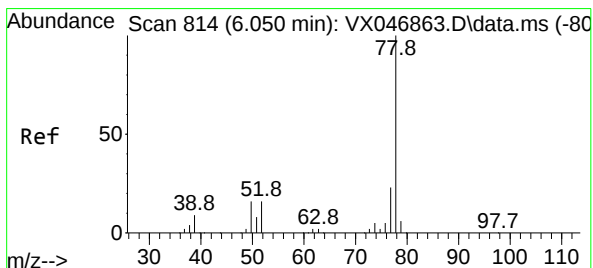
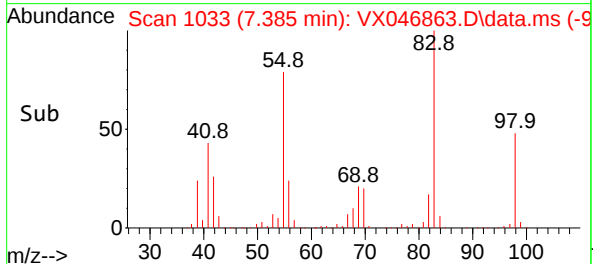
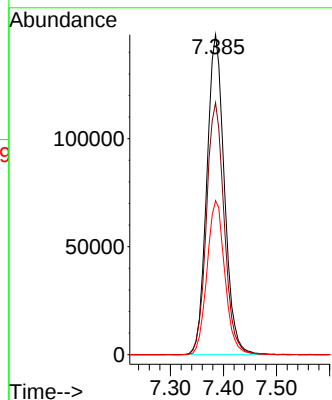
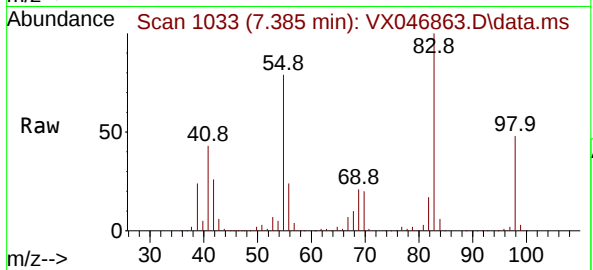
#39
Methylcyclohexane
Concen: 49.529 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 341159
Ion Ratio Lower Upper
83 100
55 78.7 63.0 94.4
98 48.1 38.5 57.7

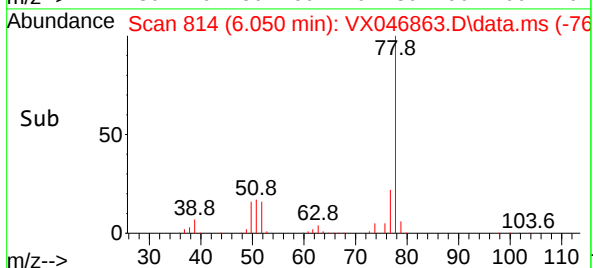
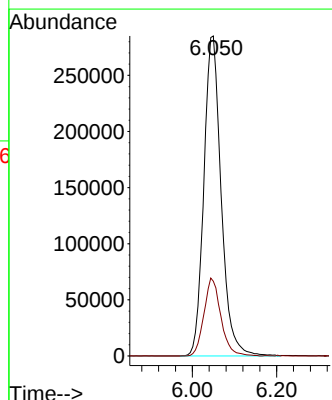
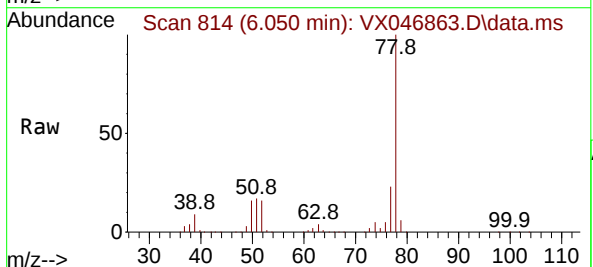
Manual Integrations
APPROVED

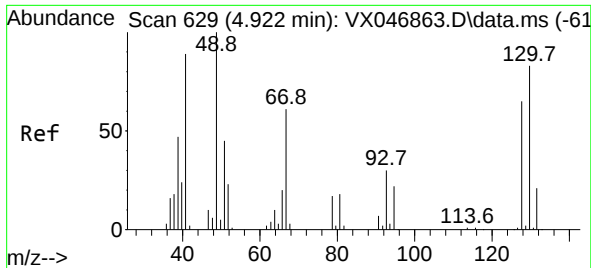
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#40
Benzene
Concen: 48.954 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

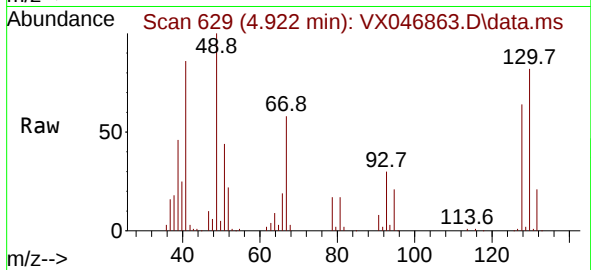
Tgt Ion: 78 Resp: 815341
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1





#41
Methacrylonitrile
Concen: 51.128 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

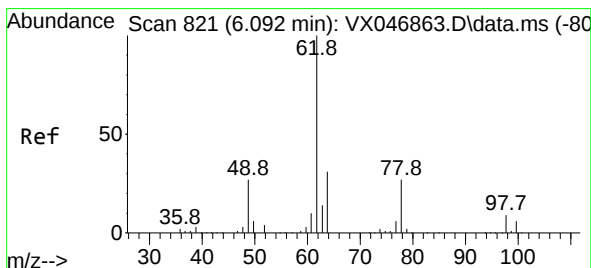
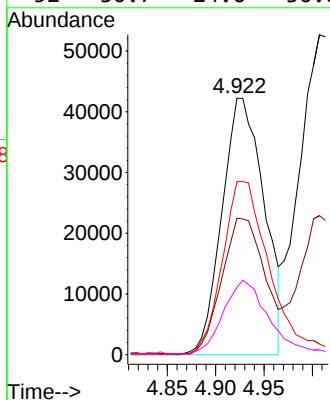
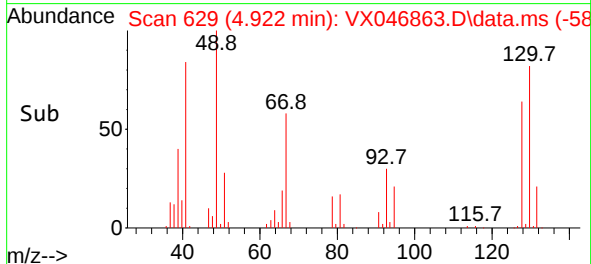
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 127915
Ion Ratio Lower Upper
41 100
39 53.7 43.0 64.4
67 75.2 60.2 90.2
52 30.7 24.6 36.8

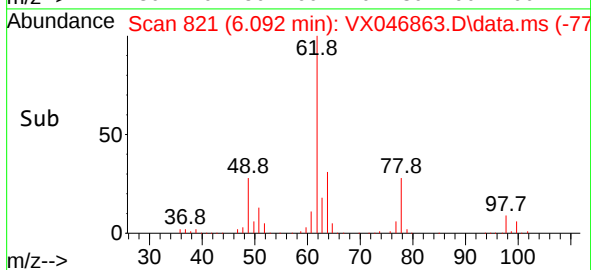
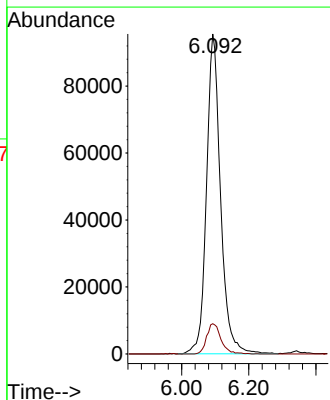
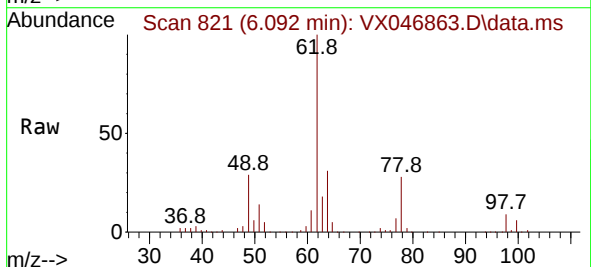
Manual Integrations
APPROVED

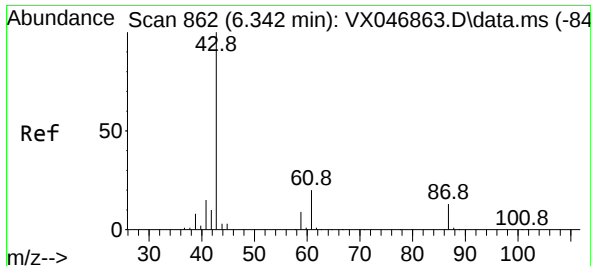
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#42
1,2-Dichloroethane
Concen: 48.913 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 62 Resp: 276628
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43

Isopropyl Acetate

Concen: 51.765 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 43 Resp: 371855

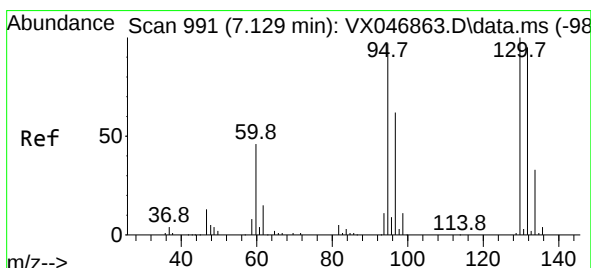
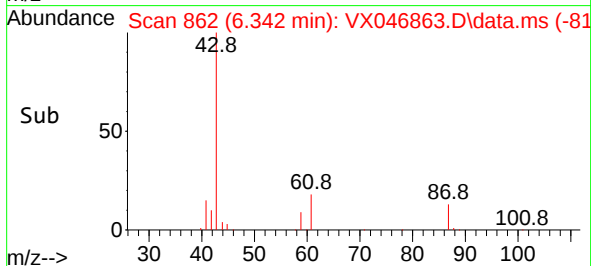
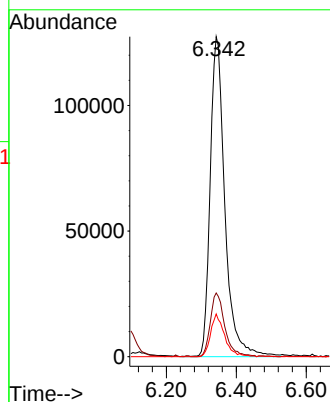
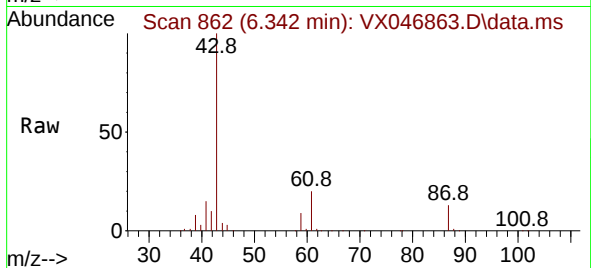
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	12.6	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#44

Trichloroethene

Concen: 47.708 ug/l

RT: 7.129 min Scan# 991

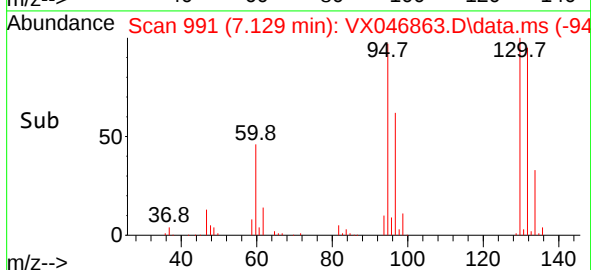
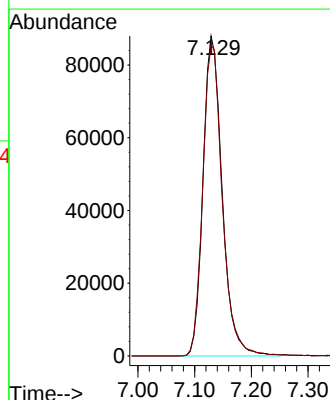
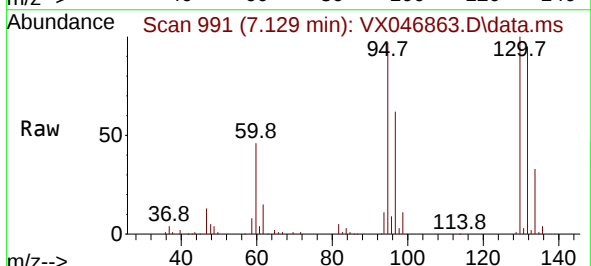
Delta R.T. 0.000 min

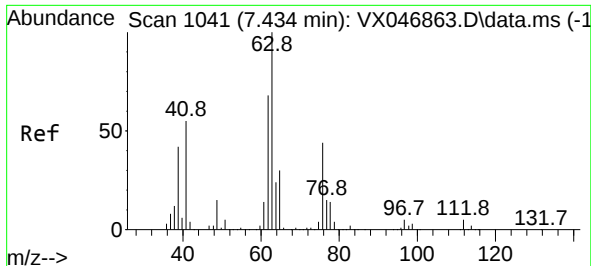
Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Tgt Ion:130 Resp: 206841

Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	194.2





#45

1,2-Dichloropropane

Concen: 49.398 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 207864

Ion Ratio Lower Upper

63 100

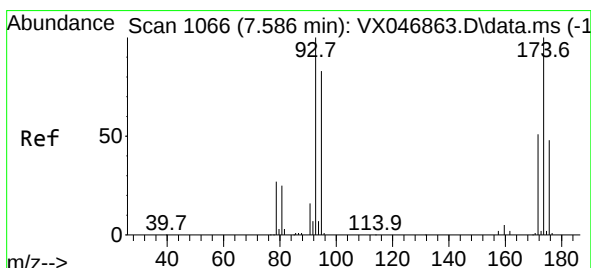
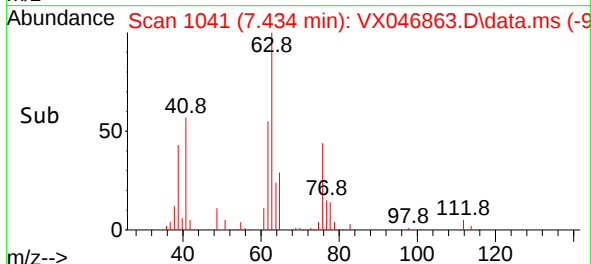
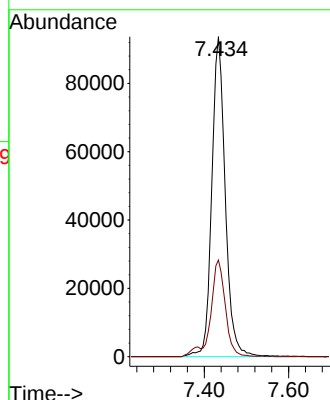
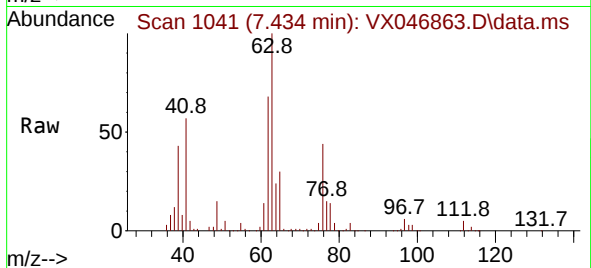
65 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#46

Dibromomethane

Concen: 49.430 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

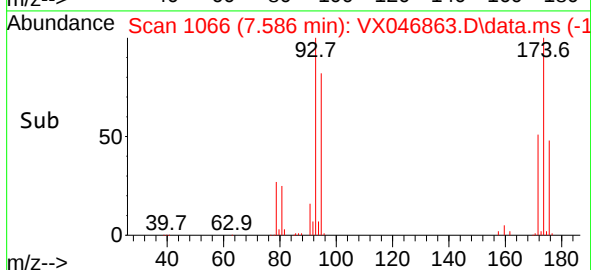
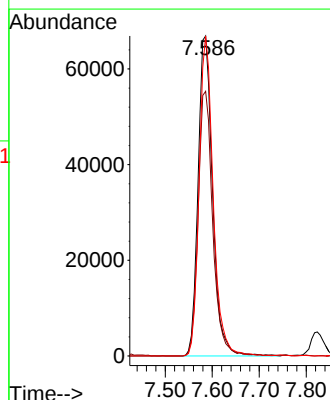
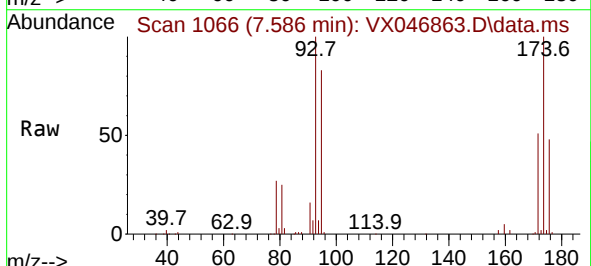
Tgt Ion: 93 Resp: 144114

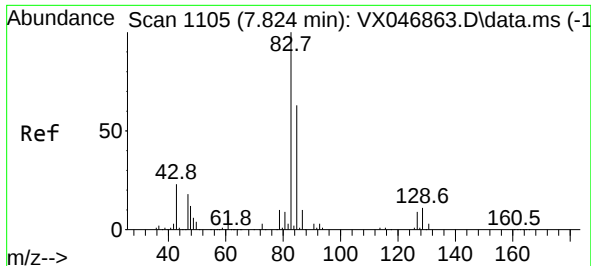
Ion Ratio Lower Upper

93 100

95 83.2 66.6 99.8

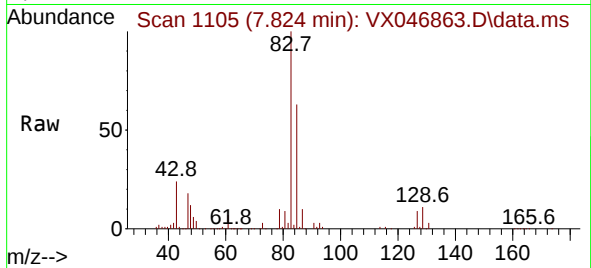
174 96.8 77.4 116.2





#47
Bromodichloromethane
Concen: 49.265 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

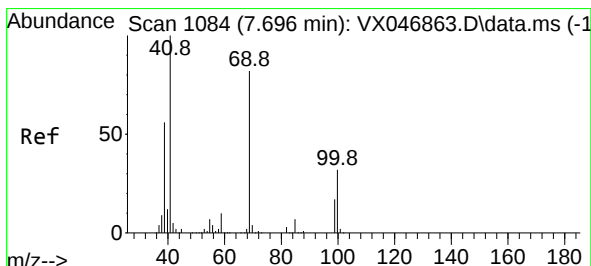
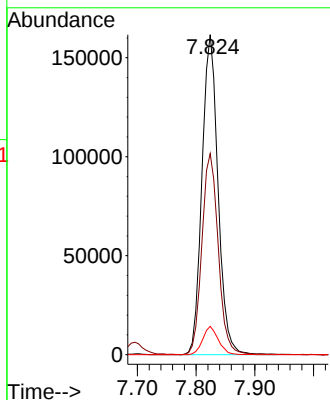
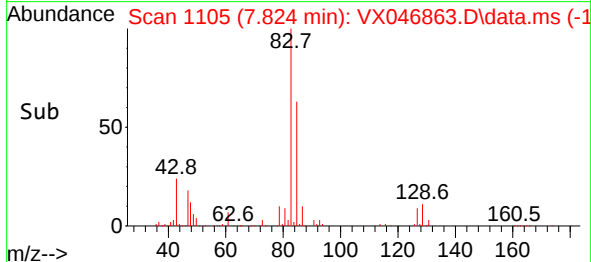
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 306690
Ion Ratio Lower Upper
83 100
85 62.8 50.2 75.4
127 8.9 7.1 10.7

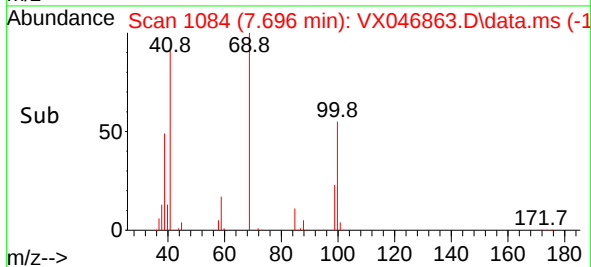
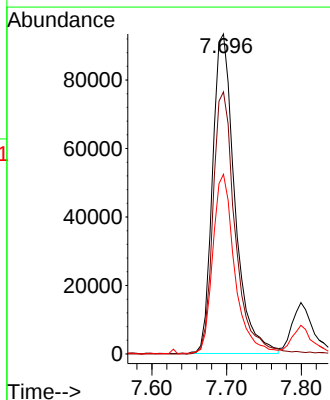
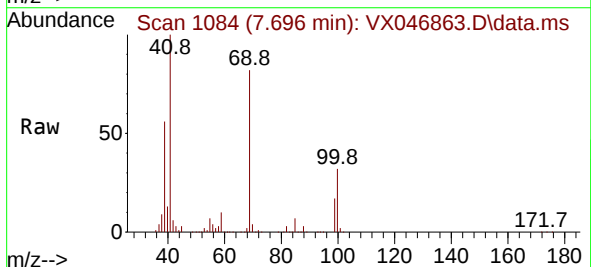
Manual Integrations
APPROVED

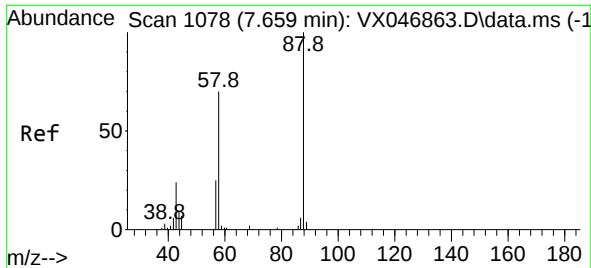
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#48
Methyl methacrylate
Concen: 52.165 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

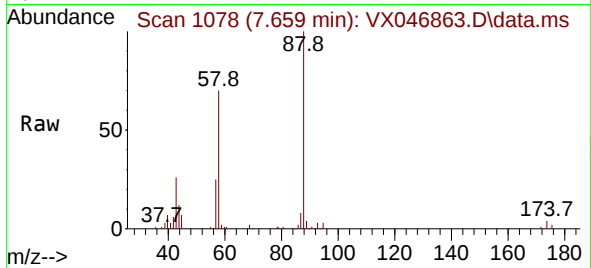
Tgt Ion: 41 Resp: 193493
Ion Ratio Lower Upper
41 100
69 82.3 65.8 98.8
39 54.7 43.8 65.6





#49
1,4-Dioxane
Concen: 1015.947 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

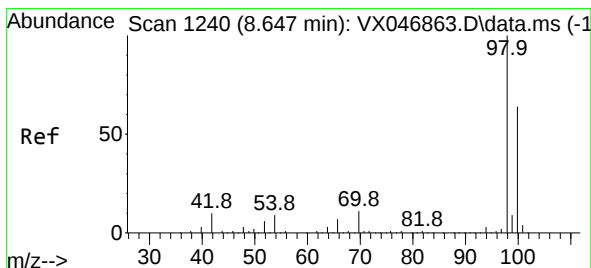
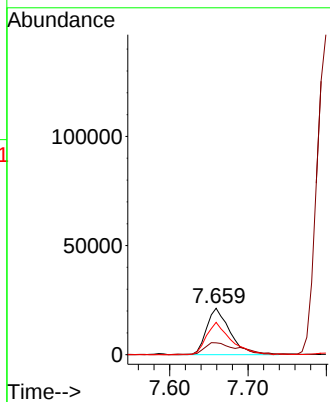
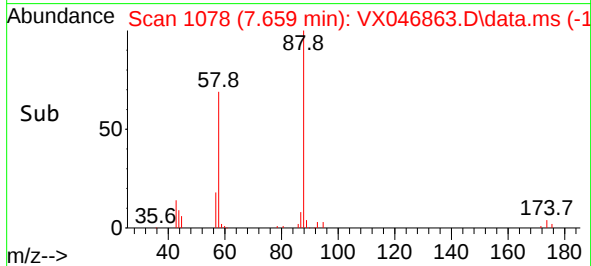
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 43664
Ion Ratio Lower Upper
88 100
43 39.6 31.7 47.5
58 71.9 57.5 86.3

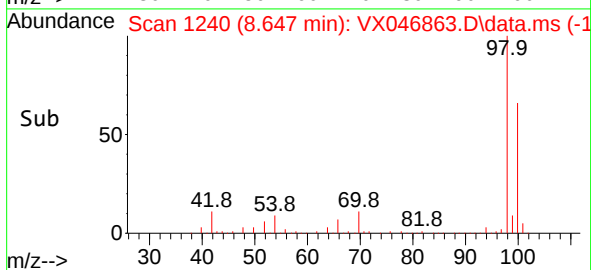
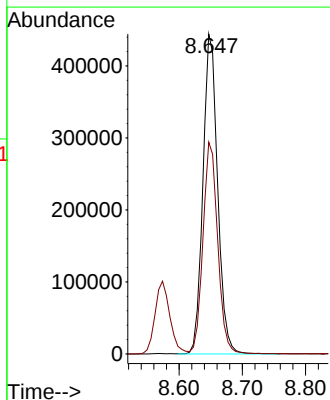
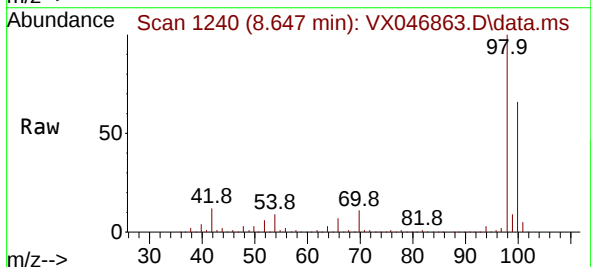
Manual Integrations
APPROVED

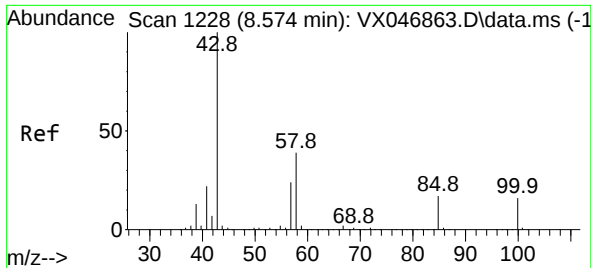
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#50
Toluene-d8
Concen: 49.879 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 98 Resp: 718232
Ion Ratio Lower Upper
98 100
100 66.3 53.0 79.6





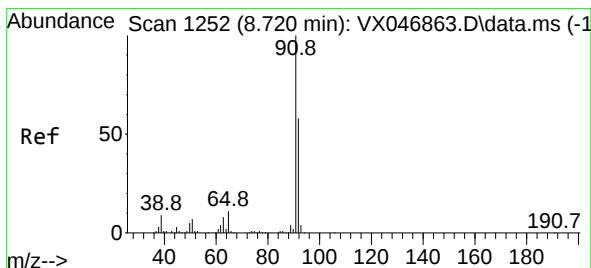
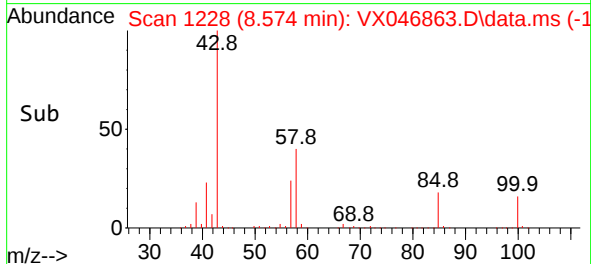
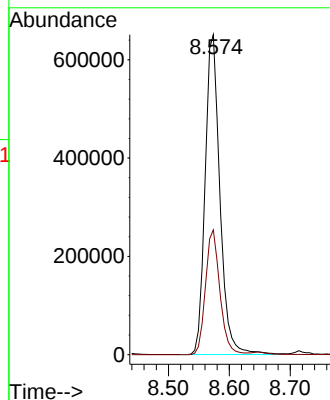
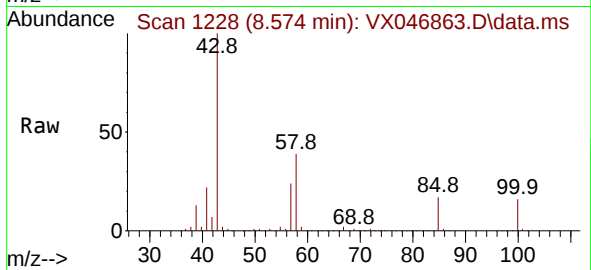
#51
4-Methyl-2-Pentanone
Concen: 259.847 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 1101634
Ion Ratio Lower Upper
43 100
58 38.0 30.4 45.6

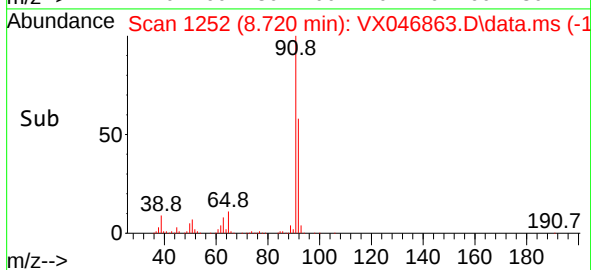
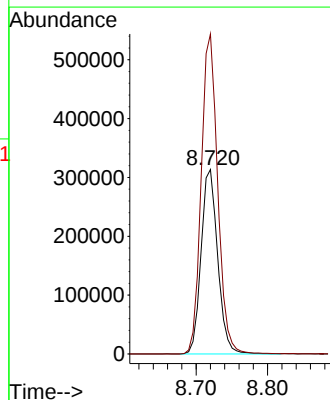
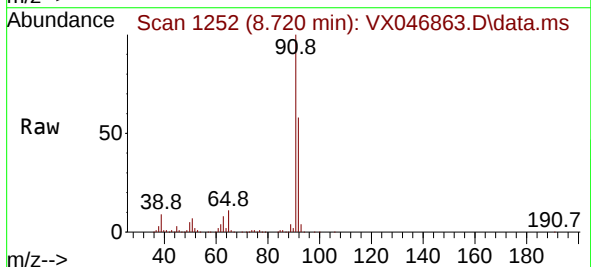
Manual Integrations
APPROVED

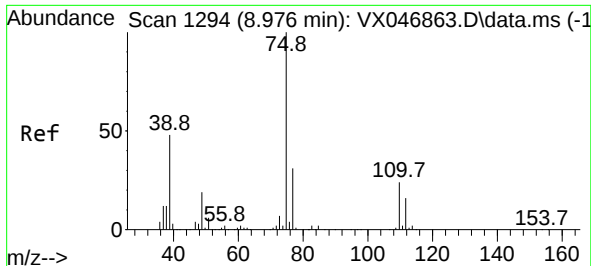
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#52
Toluene
Concen: 48.969 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 92 Resp: 505397
Ion Ratio Lower Upper
92 100
91 172.4 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 51.124 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 284038

Ion Ratio Lower Upper

75 100

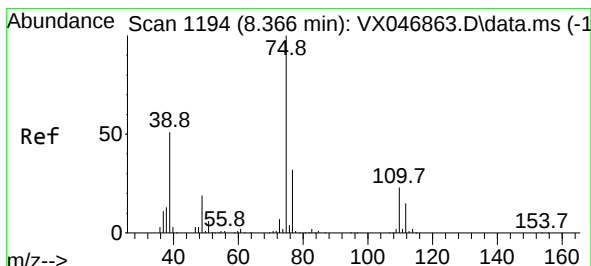
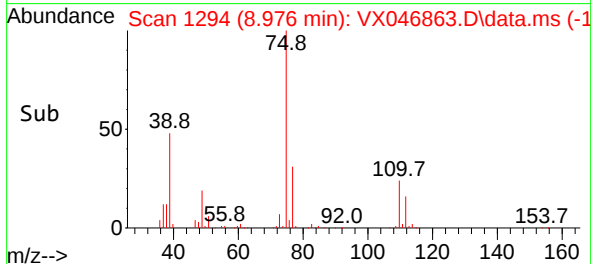
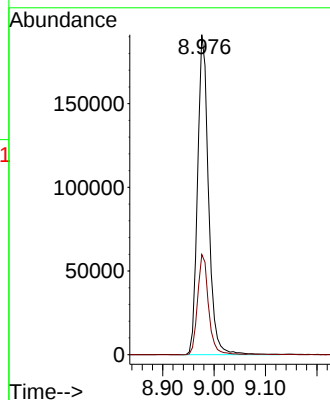
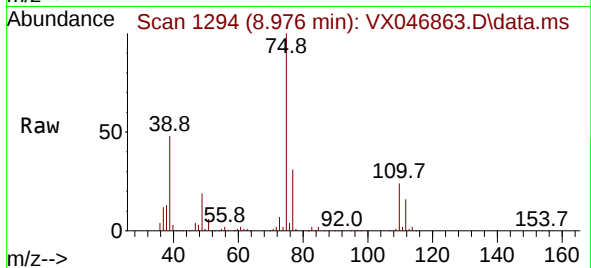
77 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#54

cis-1,3-Dichloropropene

Concen: 50.567 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

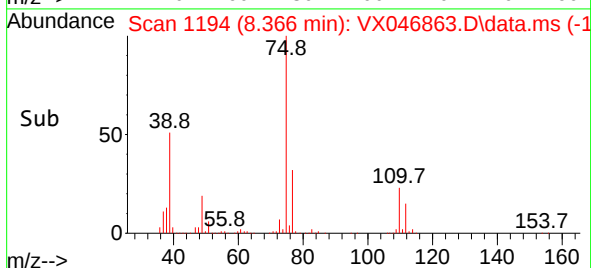
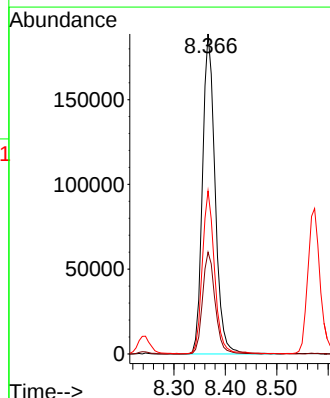
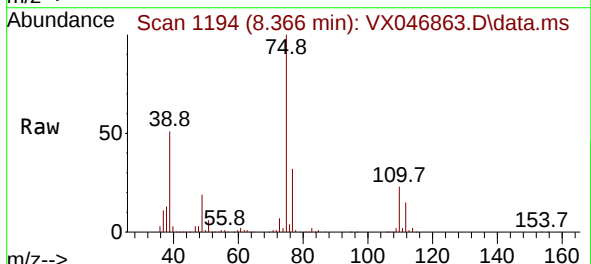
Tgt Ion: 75 Resp: 320678

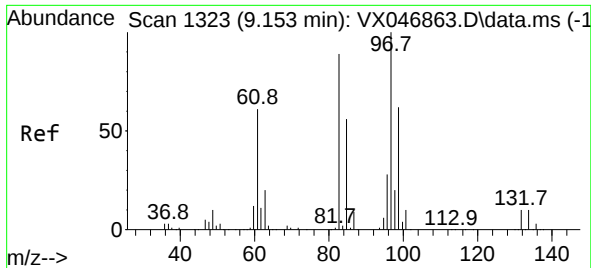
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

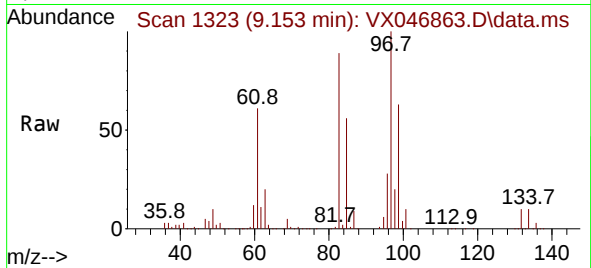
39 50.9 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 49.704 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

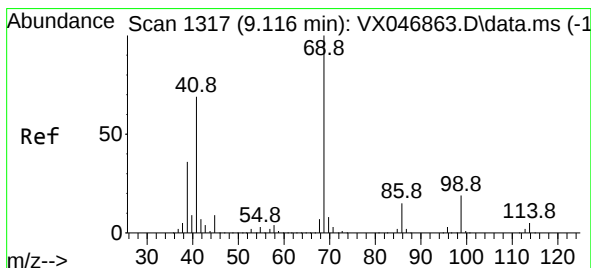
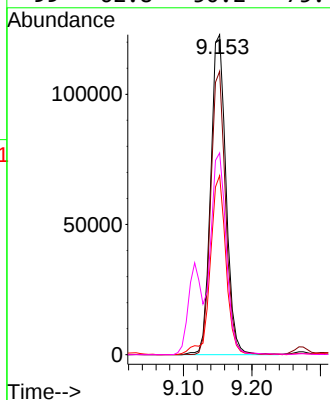
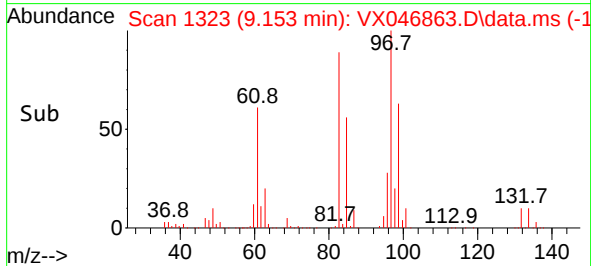
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



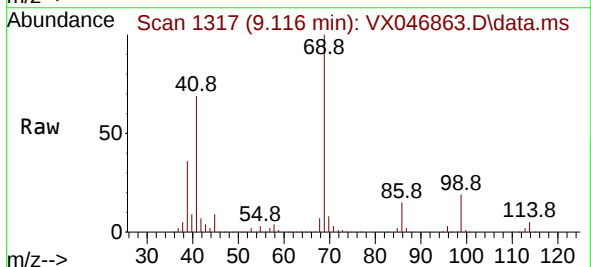
Tgt Ion: 97 Resp: 191073
Ion Ratio Lower Upper
97 100
83 88.6 70.9 106.3
85 55.8 44.6 67.0
99 62.8 50.2 75.4

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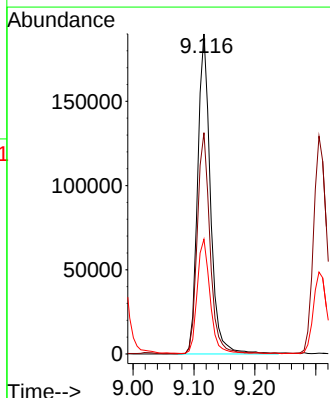
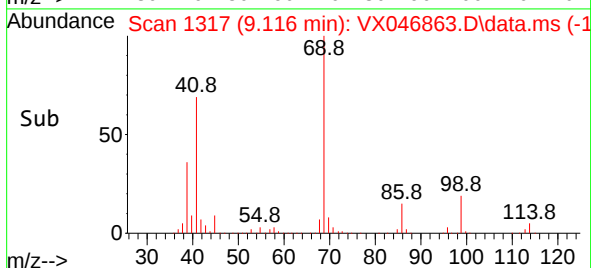
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

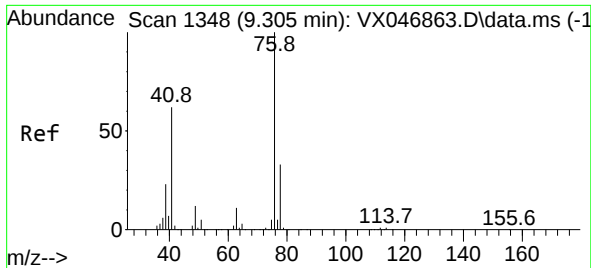


#56
Ethyl methacrylate
Concen: 51.905 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



Tgt Ion: 69 Resp: 276170
Ion Ratio Lower Upper
69 100
41 68.3 54.6 82.0
39 35.9 28.7 43.1





#57

1,3-Dichloropropane

Concen: 49.150 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 32534

Ion Ratio Lower Upper

76 100

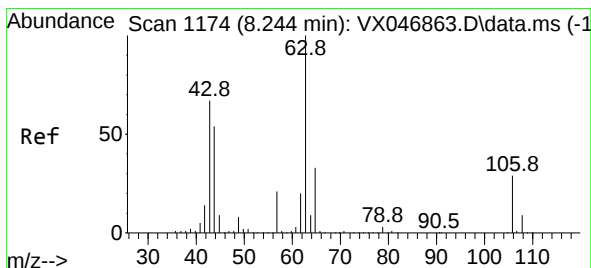
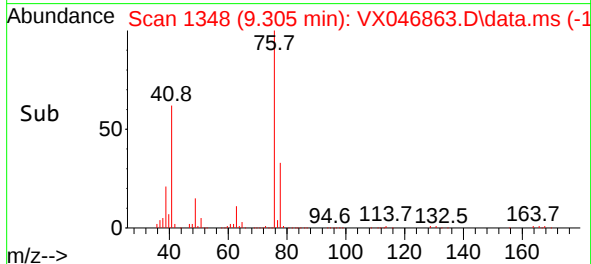
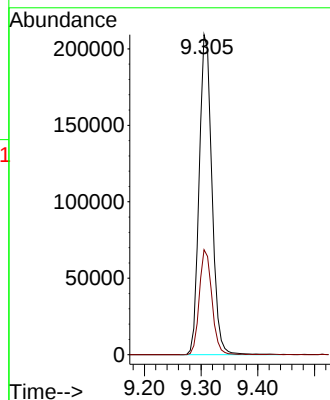
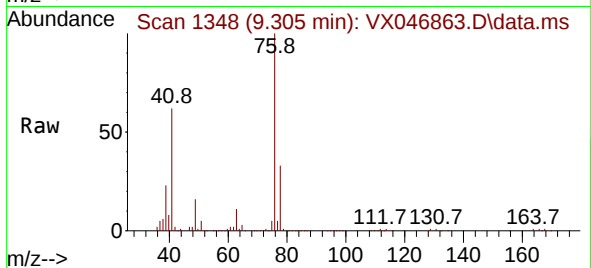
78 32.4 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#58

2-Chloroethyl Vinyl ether

Concen: 267.636 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046863.D

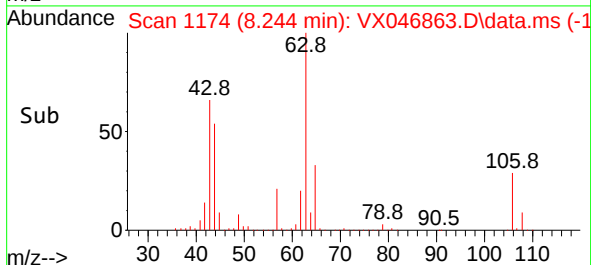
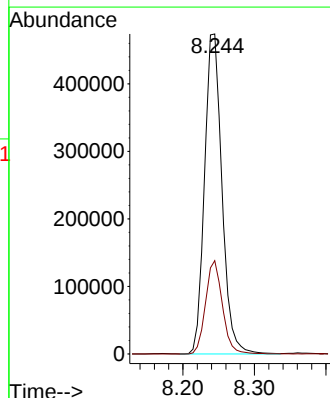
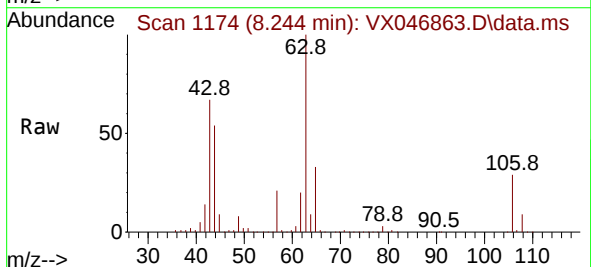
Acq: 02 Jul 2025 13:39

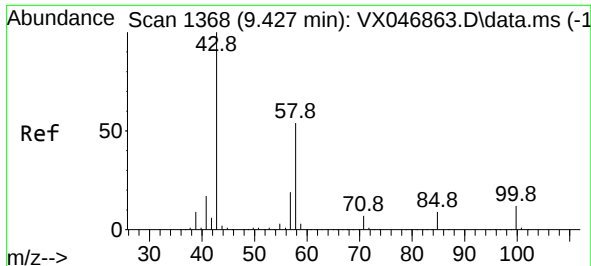
Tgt Ion: 63 Resp: 802354

Ion Ratio Lower Upper

63 100

106 28.2 22.6 33.8





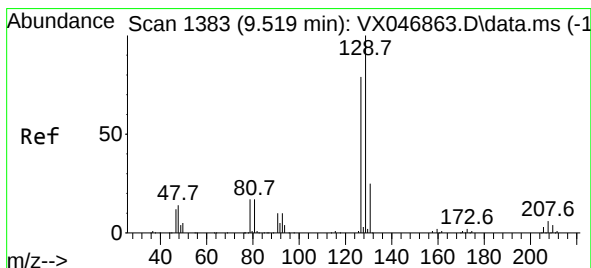
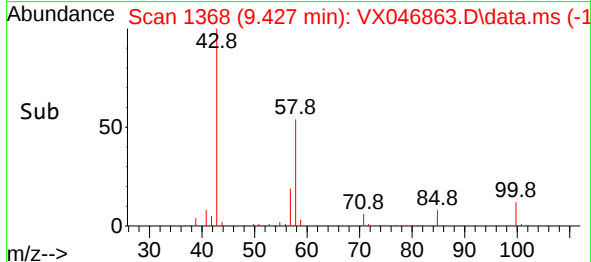
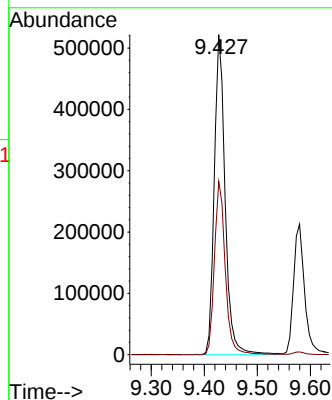
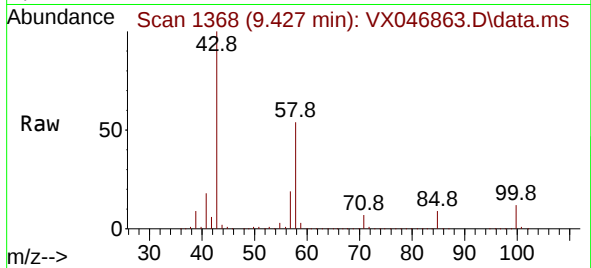
#59
2-Hexanone
Concen: 264.164 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 74285
Ion Ratio Lower Upper
43 100
58 54.2 27.1 81.3

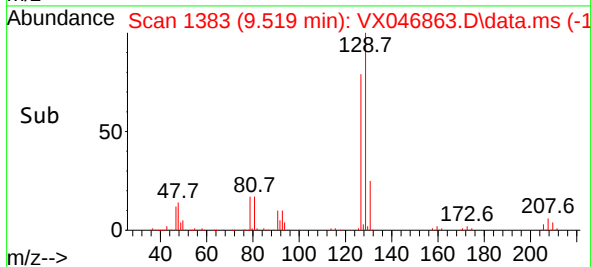
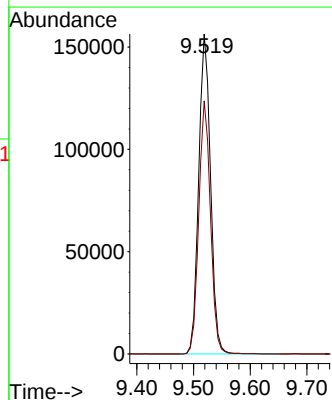
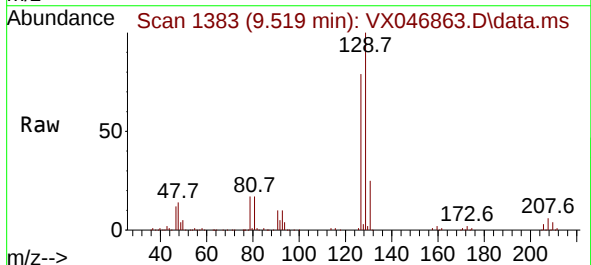
Manual Integrations
APPROVED

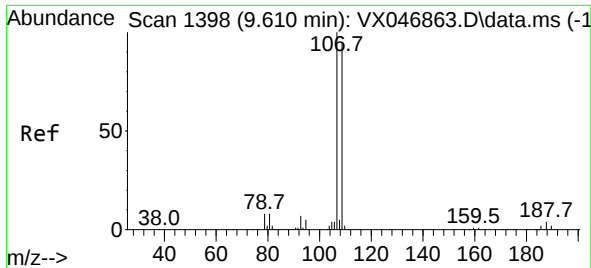
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#60
Dibromochloromethane
Concen: 49.218 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

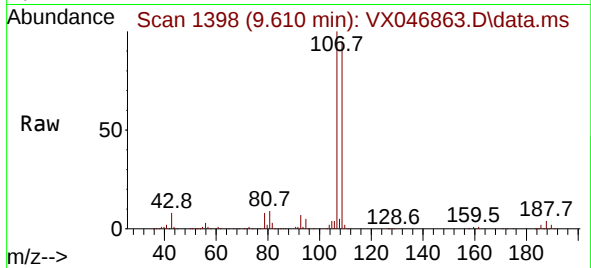
Tgt Ion:129 Resp: 226427
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.5





#61
1,2-Dibromoethane
Concen: 49.814 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

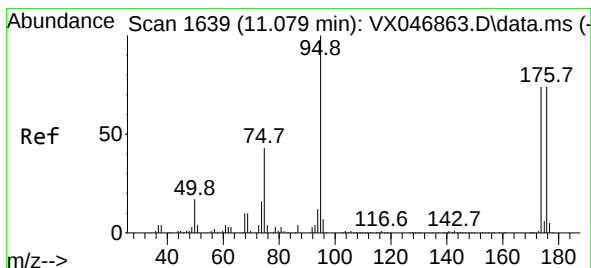
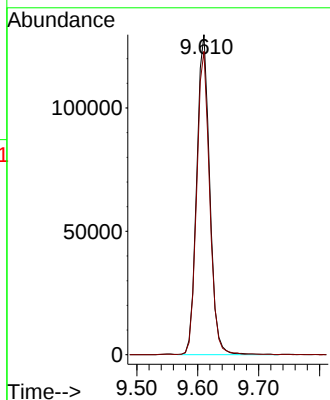
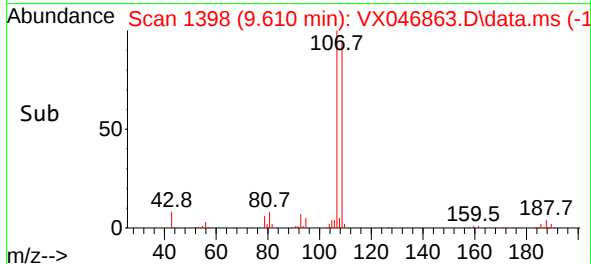
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



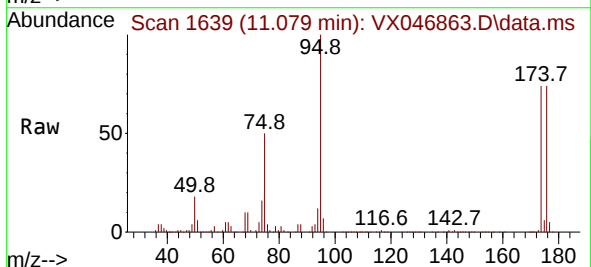
Tgt Ion:107 Resp: 192320
Ion Ratio Lower Upper
107 100
109 94.3 75.4 113.2

Manual Integrations
APPROVED

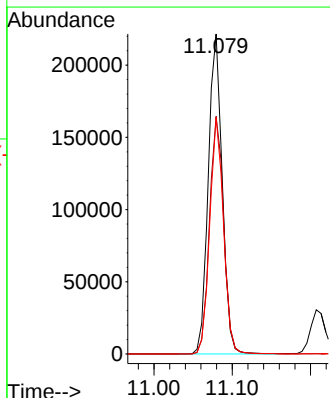
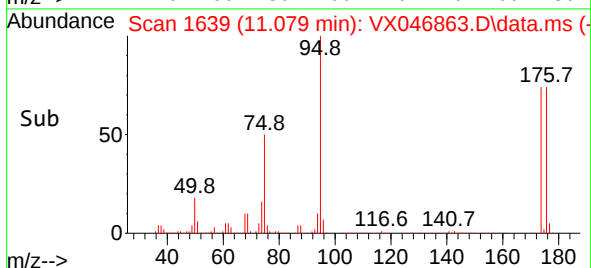
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

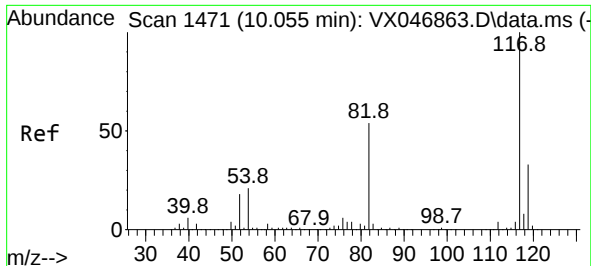


#62
4-Bromofluorobenzene
Concen: 49.952 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



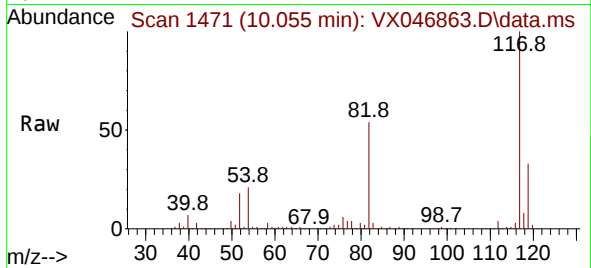
Tgt Ion: 95 Resp: 273366
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.0
176 72.6 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

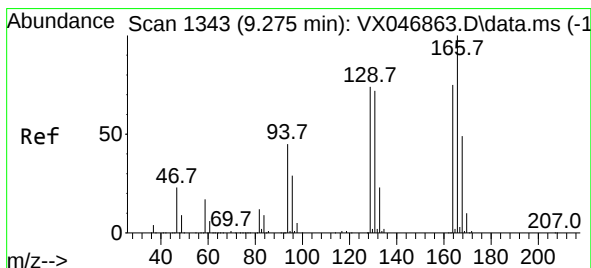
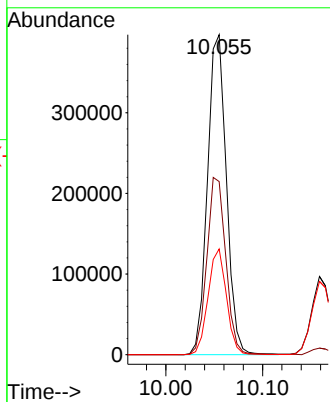
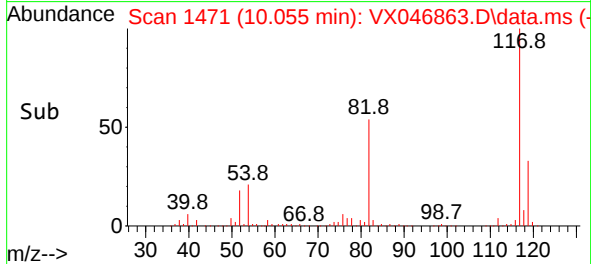
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 539902
Ion Ratio Lower Upper
117 100
82 54.1 43.3 64.9
119 33.0 26.4 39.6

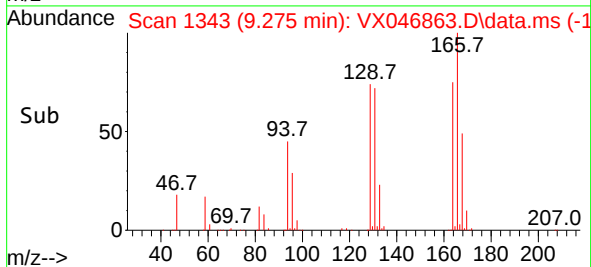
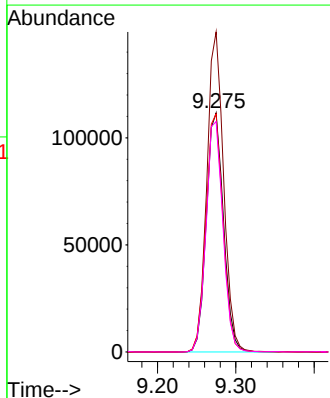
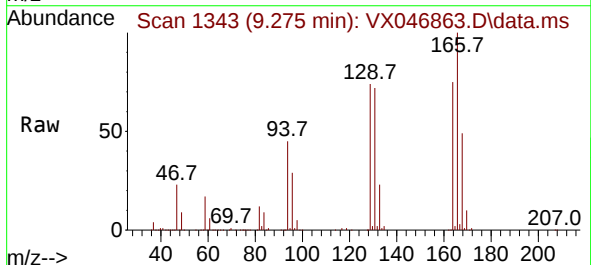
Manual Integrations
APPROVED

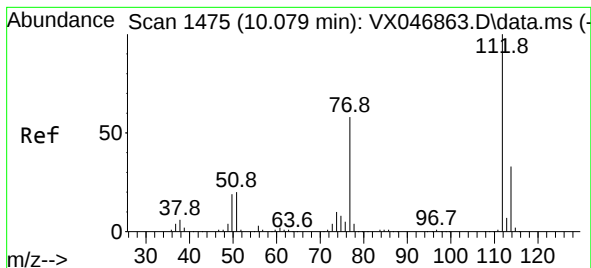
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#64
Tetrachloroethene
Concen: 47.341 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion:164 Resp: 170176
Ion Ratio Lower Upper
164 100
166 133.8 107.0 160.6
129 99.6 79.7 119.5
131 96.4 77.1 115.7





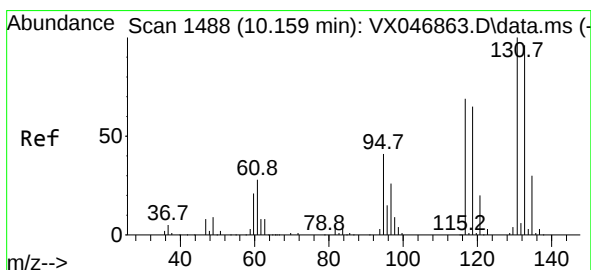
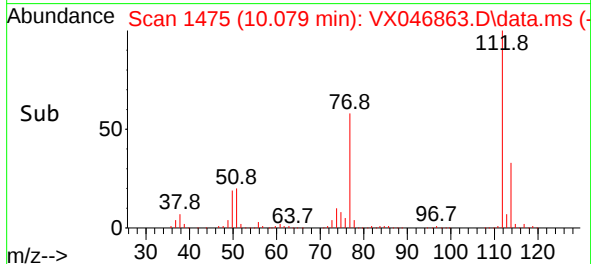
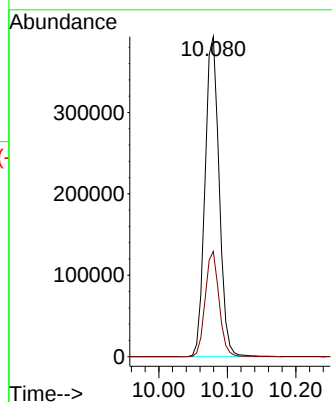
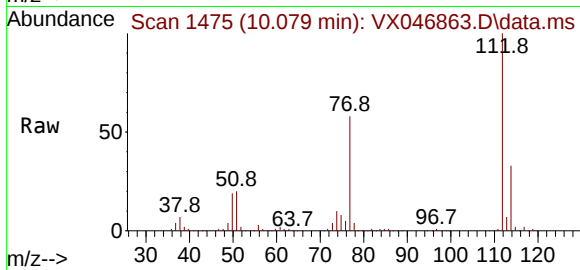
#65
Chlorobenzene
Concen: 48.538 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 566582
Ion Ratio Lower Upper
112 100
114 32.9 26.3 39.5

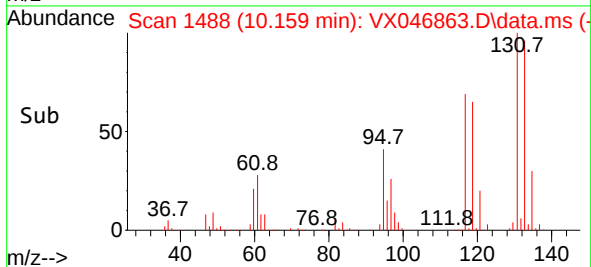
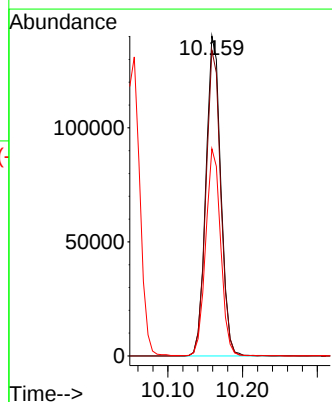
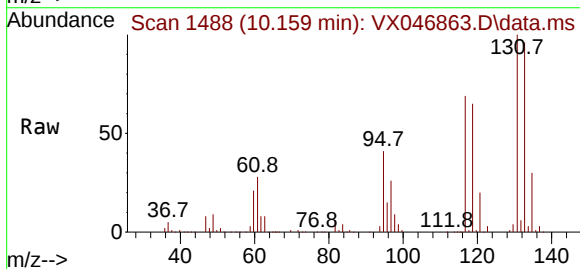
Manual Integrations
APPROVED

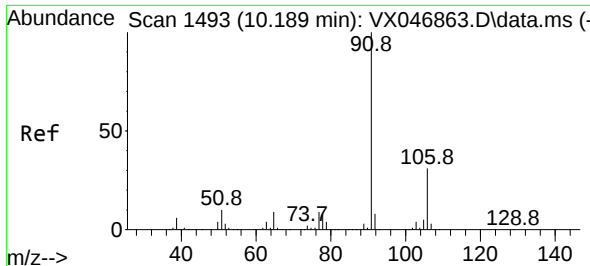
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 49.347 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

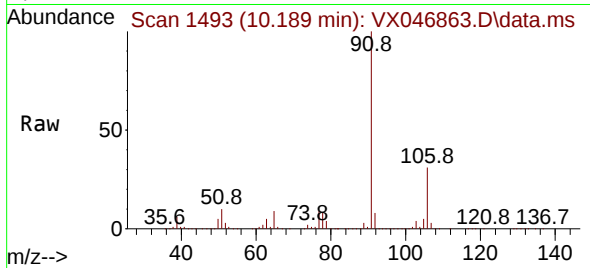
Tgt Ion:131 Resp: 193638
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.8 32.4 97.2





#67
Ethyl Benzene
Concen: 49.415 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

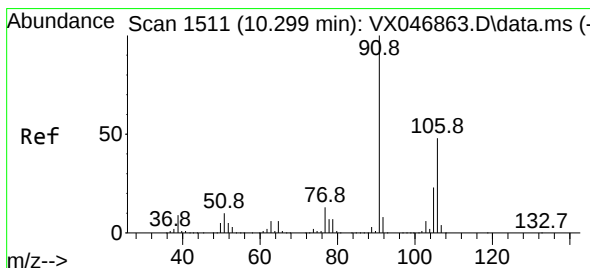
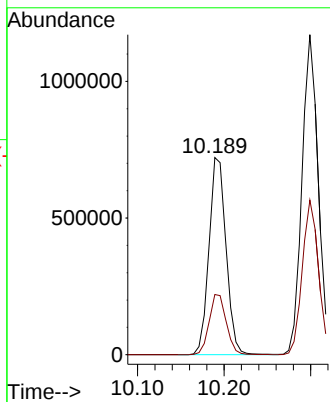
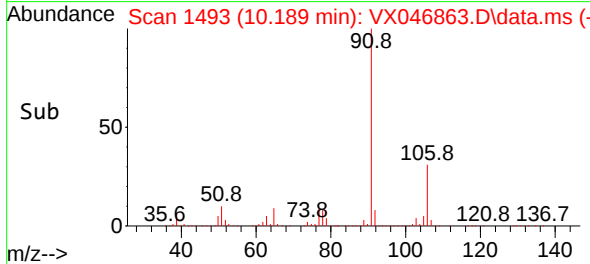
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



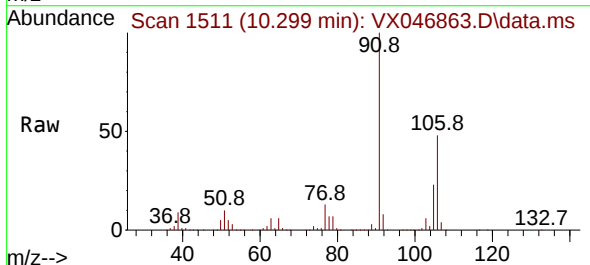
Tgt Ion: 91 Resp: 987800
Ion Ratio Lower Upper
91 100
106 30.5 24.4 36.6

Manual Integrations
APPROVED

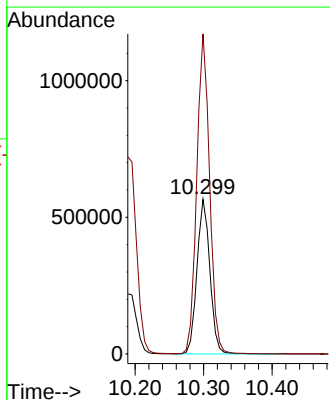
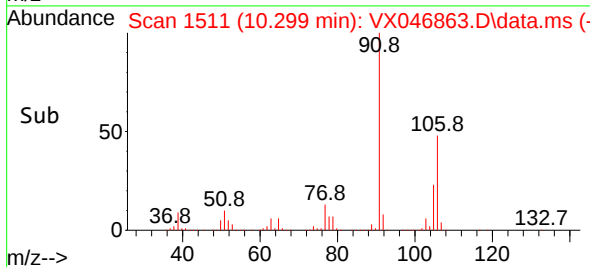
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

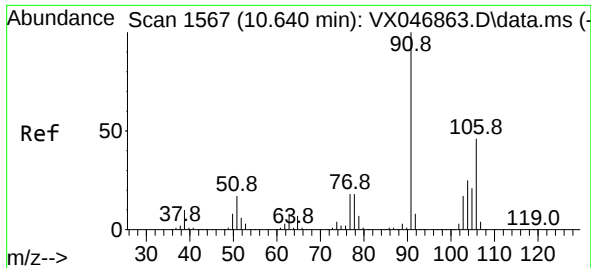


#68
m/p-Xylenes
Concen: 98.674 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



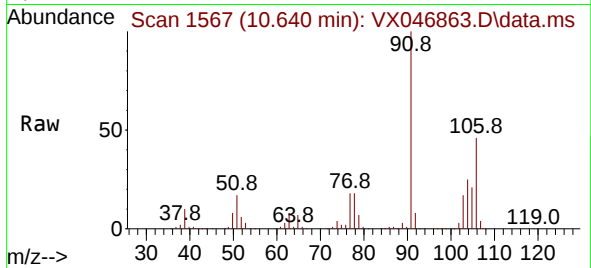
Tgt Ion:106 Resp: 743275
Ion Ratio Lower Upper
106 100
91 205.7 164.6 246.8





#69
o-Xylene
Concen: 49.311 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

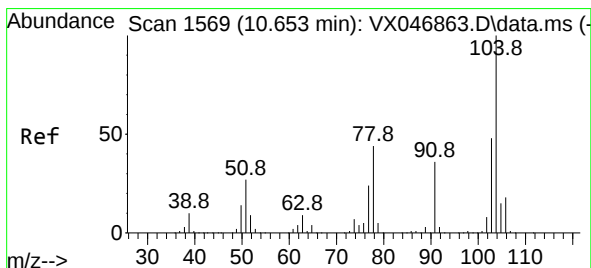
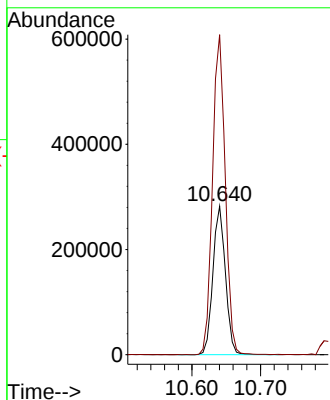
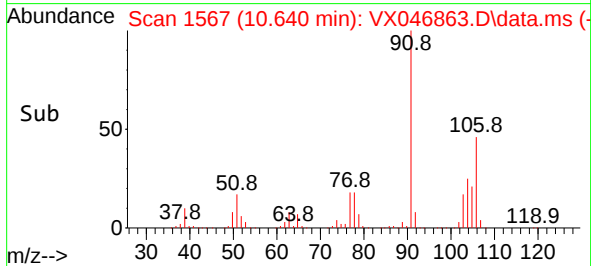
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:106 Resp: 358798
Ion Ratio Lower Upper
106 100
91 219.0 109.5 328.5

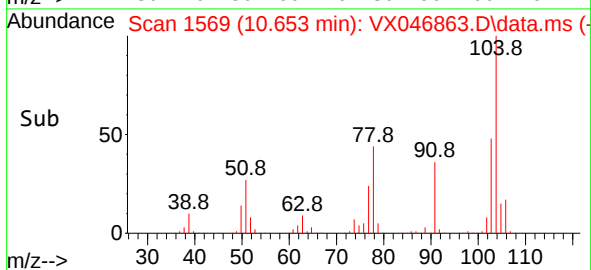
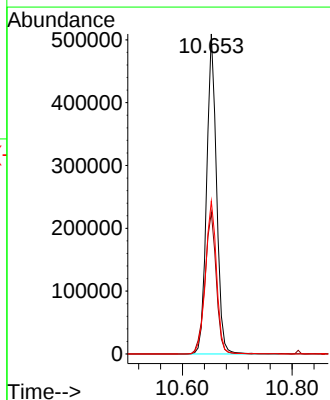
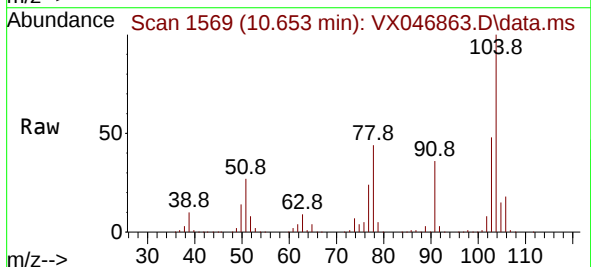
Manual Integrations
APPROVED

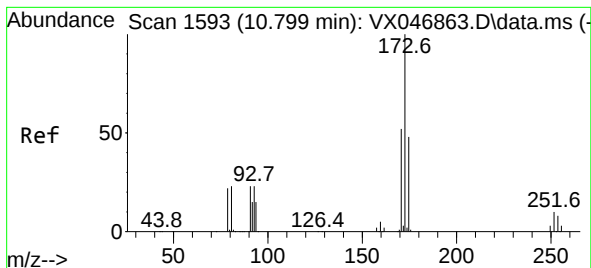
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#70
Styrene
Concen: 50.976 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion:104 Resp: 634597
Ion Ratio Lower Upper
104 100
78 50.4 40.3 60.5
103 53.5 42.8 64.2





#71

Bromoform

Concen: 49.794 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 14528

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.5

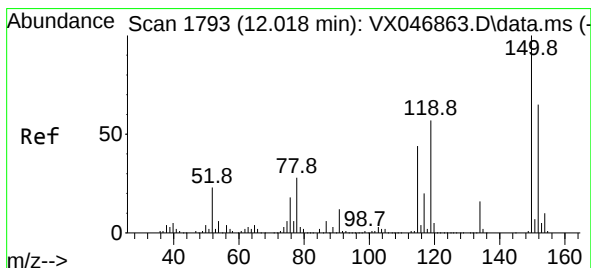
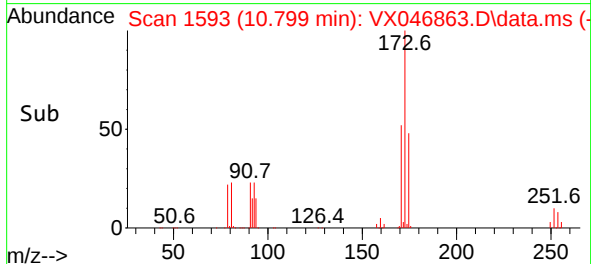
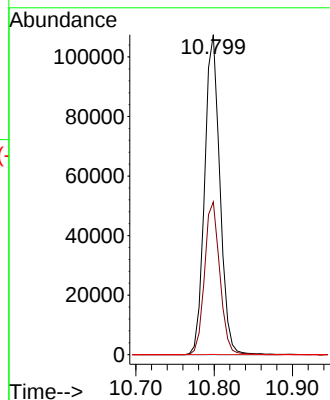
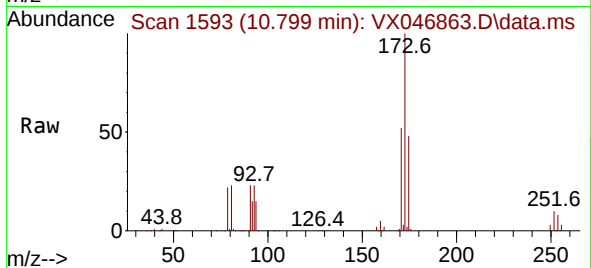
254 0.1 0.1 0.1

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: VX046863.D

Acq: 02 Jul 2025 13:39

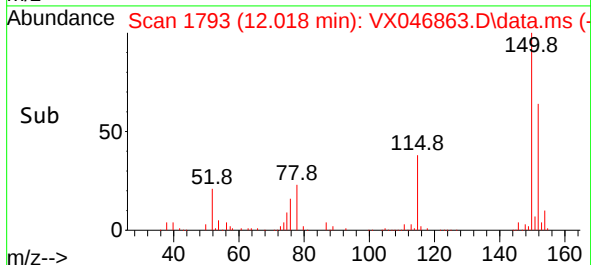
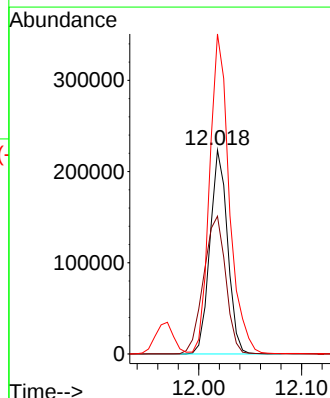
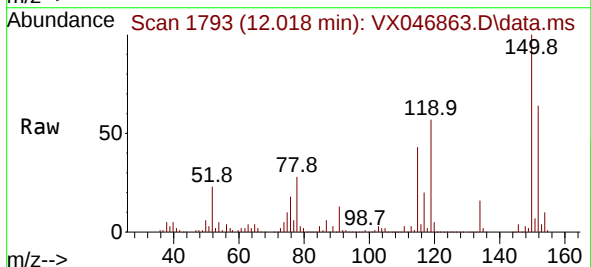
Tgt Ion:152 Resp: 266829

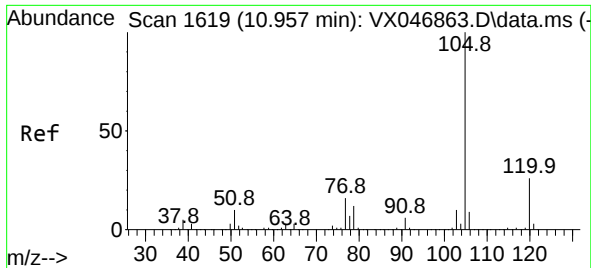
Ion Ratio Lower Upper

152 100

115 84.7 42.4 127.1

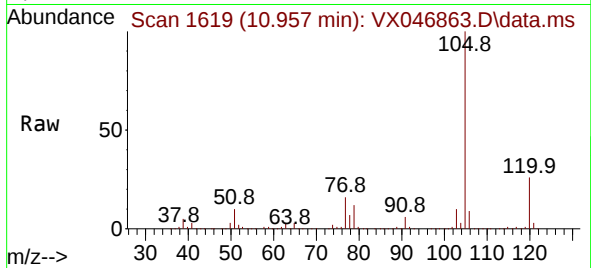
150 174.6 0.0 349.2





#73
Isopropylbenzene
Concen: 51.232 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

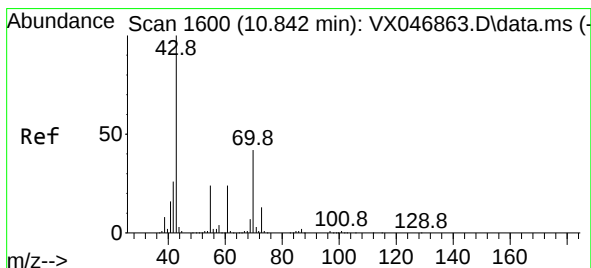
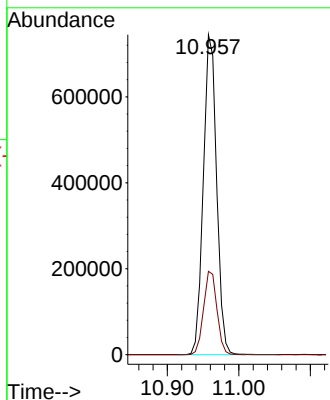
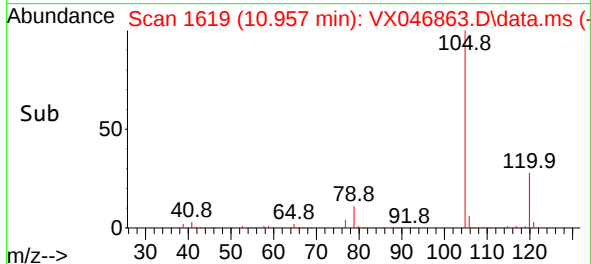
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



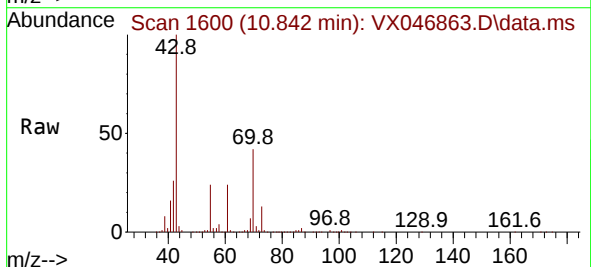
Tgt Ion:105 Resp: 960979
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5

Manual Integrations
APPROVED

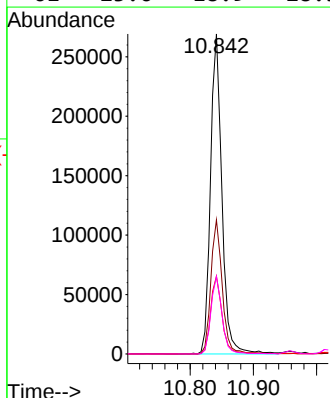
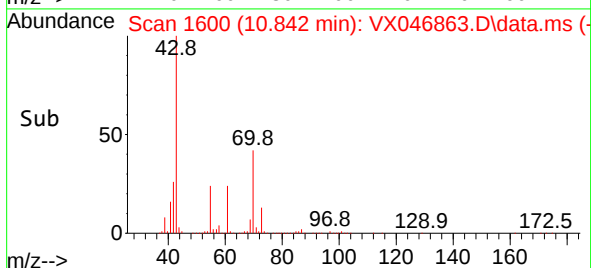
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

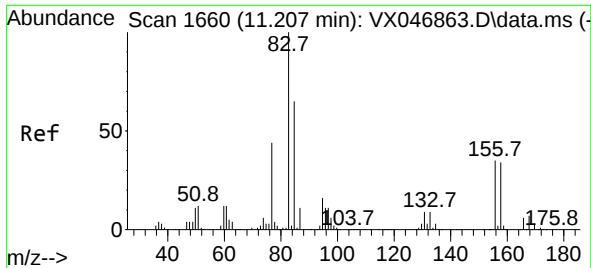


#74
N-ethyl acetate
Concen: 53.169 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



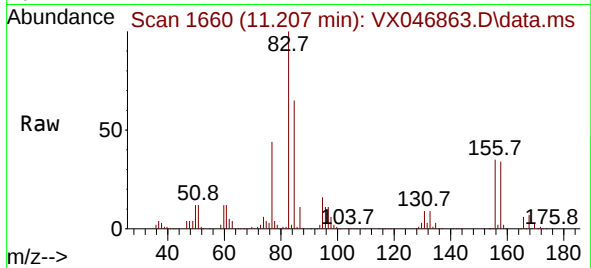
Tgt Ion: 43 Resp: 338897
Ion Ratio Lower Upper
43 100
70 41.8 33.4 50.2
55 24.5 19.6 29.4
61 23.6 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 49.814 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

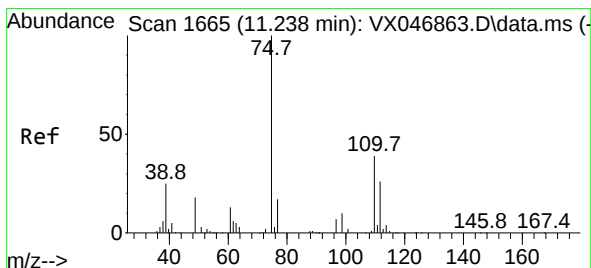
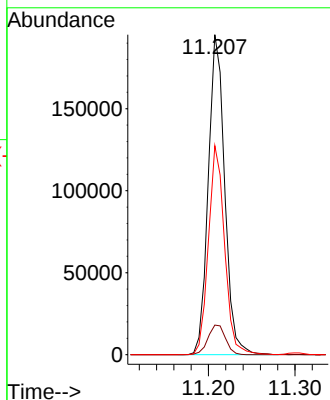
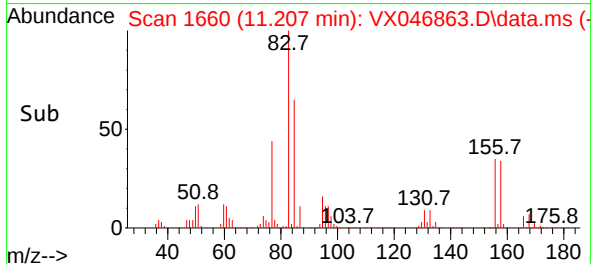
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 256928
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.3 32.1 96.5

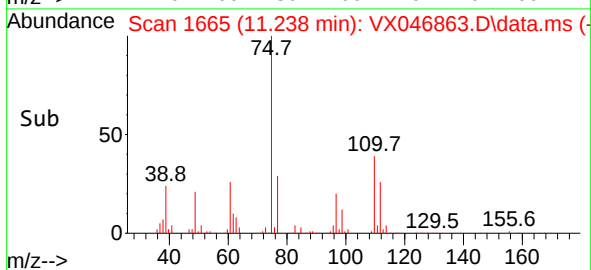
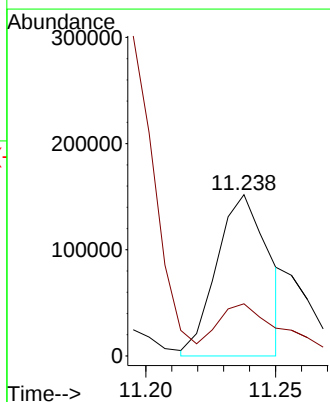
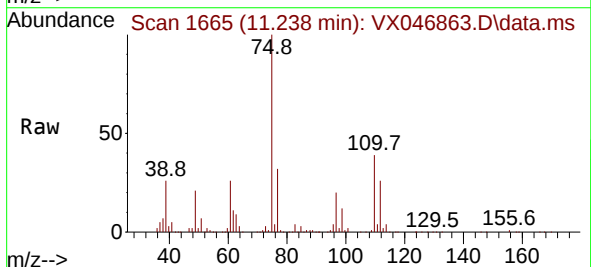
Manual Integrations
APPROVED

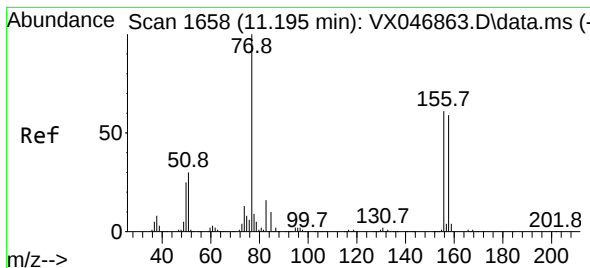
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#76
1,2,3-Trichloropropane
Concen: 50.937 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

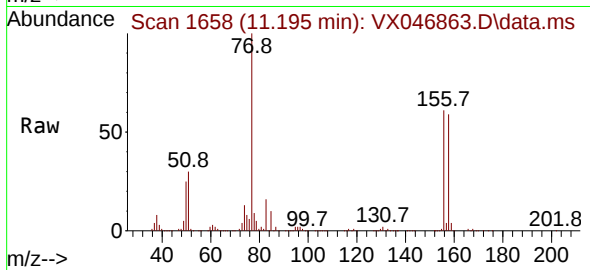
Tgt Ion: 75 Resp: 210006
Ion Ratio Lower Upper
75 100
77 41.2 20.6 61.8





#77
Bromobenzene
Concen: 50.052 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

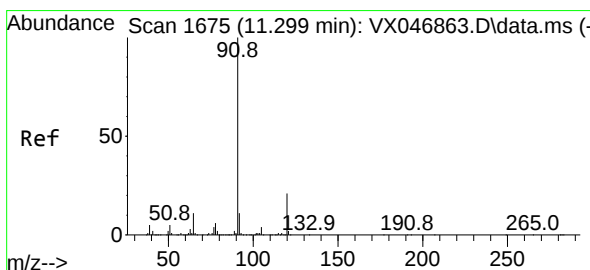
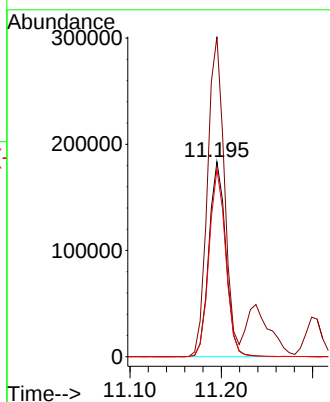
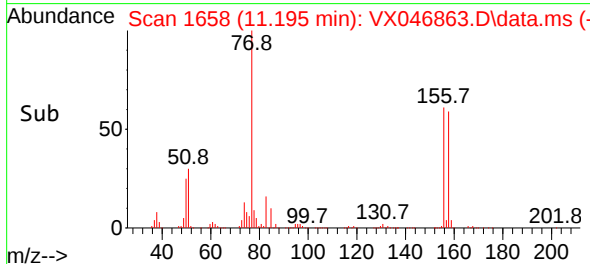
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:156 Resp: 23385
Ion Ratio Lower Upper
156 100
77 164.7 82.3 247.0
158 95.1 47.5 142.6

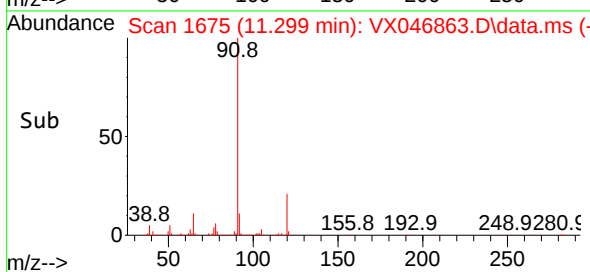
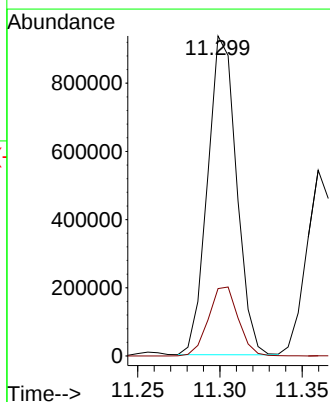
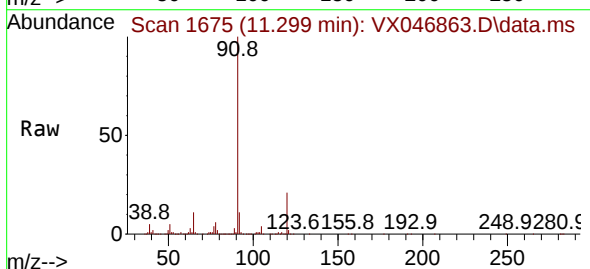
Manual Integrations
APPROVED

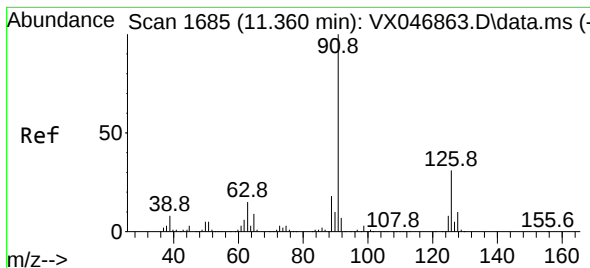
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#78
n-propylbenzene
Concen: 50.647 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 91 Resp: 1145518
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5





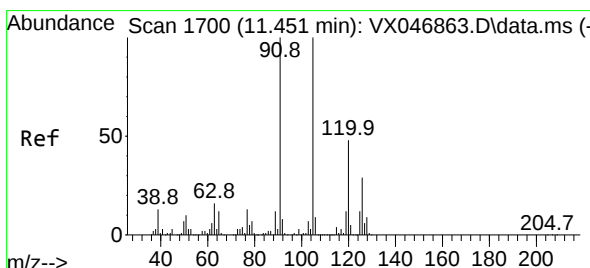
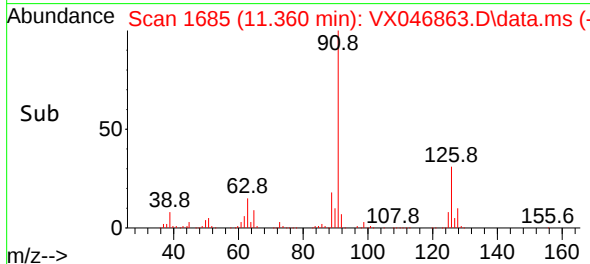
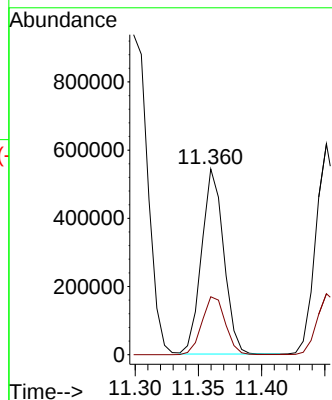
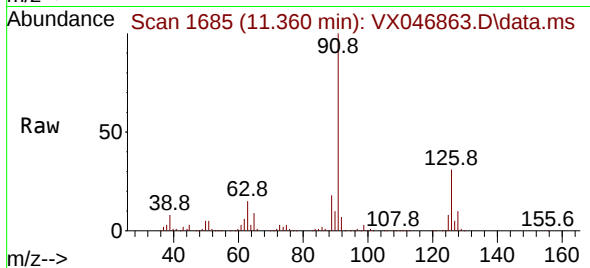
#79
2-Chlorotoluene
Concen: 49.595 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 662335
Ion Ratio Lower Upper
91 100
126 33.2 16.6 49.8

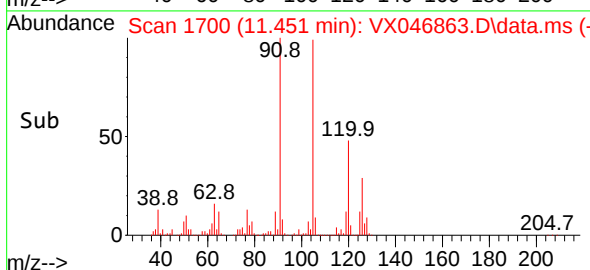
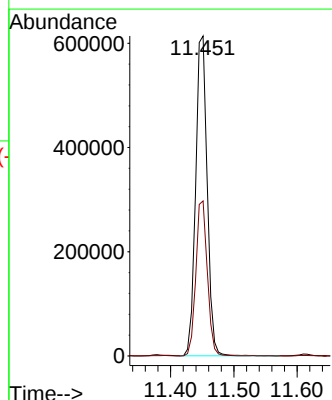
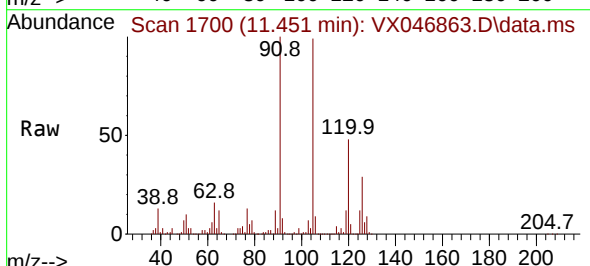
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 51.198 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion:105 Resp: 780315
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.4





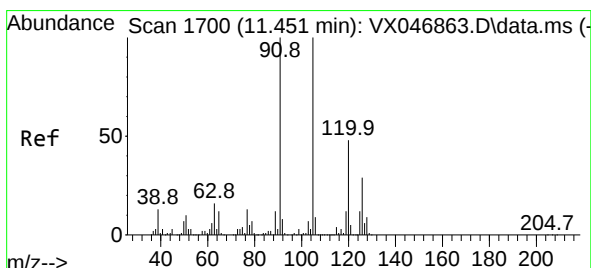
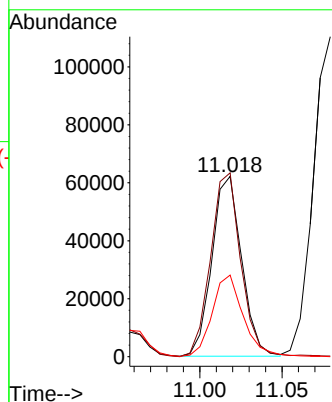
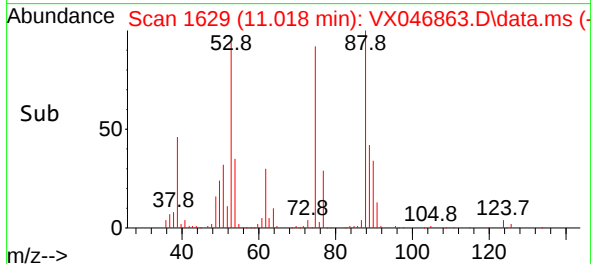
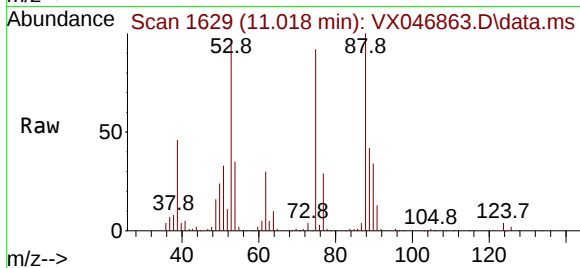
#81
trans-1,4-Dichloro-2-butene
Concen: 50.659 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 75 Resp: 7783
Ion Ratio Lower Upper
75 100
53 104.6 83.7 125.5
89 47.7 38.2 57.2

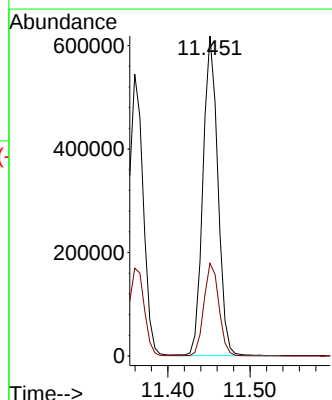
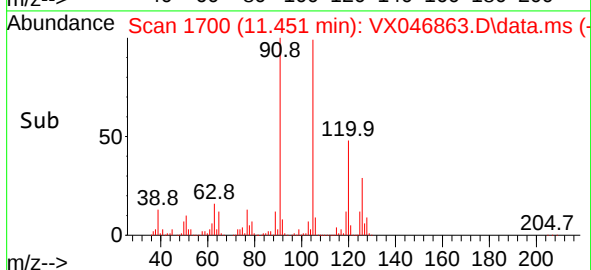
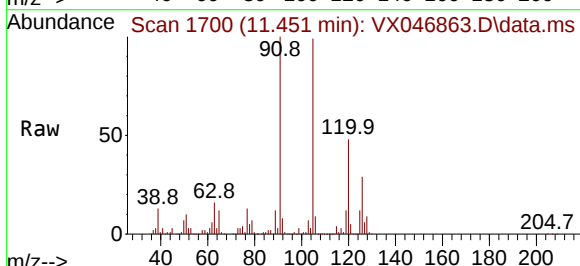
Manual Integrations
APPROVED

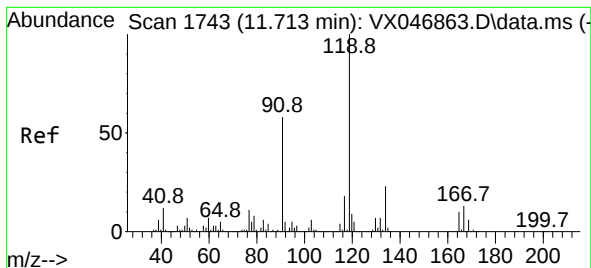
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#82
4-Chlorotoluene
Concen: 50.461 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Tgt Ion: 91 Resp: 777681
Ion Ratio Lower Upper
91 100
126 29.3 14.6 44.0





#83

tert-Butylbenzene

Concen: 51.197 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:119 Resp: 805925

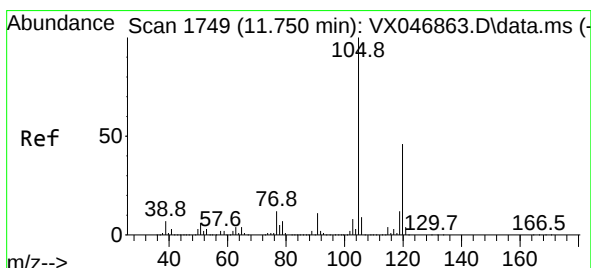
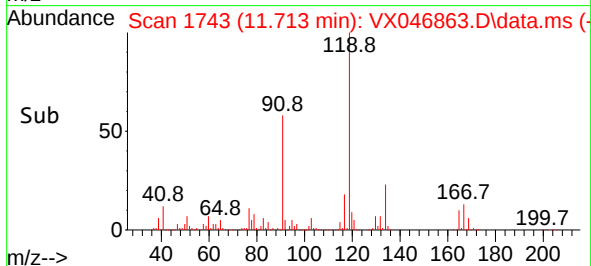
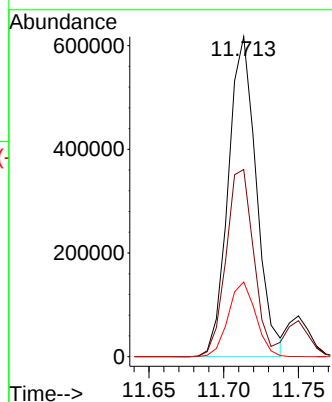
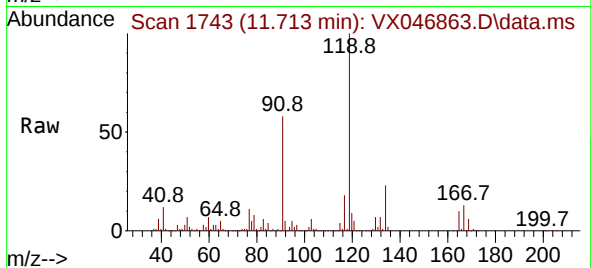
Ion	Ratio	Lower	Upper
119	100		
91	57.5	28.7	86.3
134	22.8	11.4	34.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#84

1,2,4-Trimethylbenzene

Concen: 51.082 ug/l

RT: 11.750 min Scan# 1749

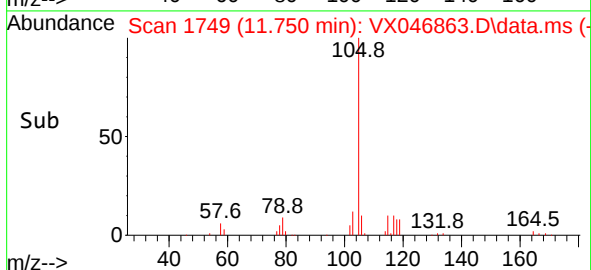
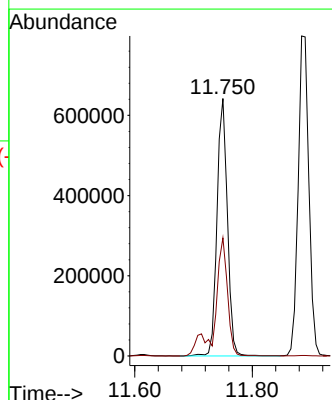
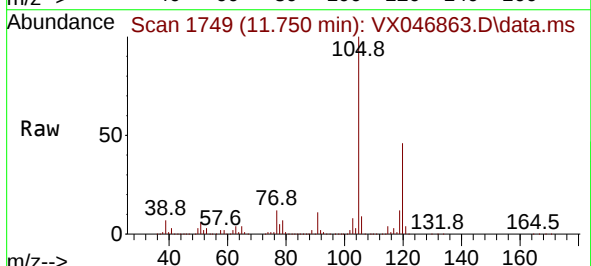
Delta R.T. 0.000 min

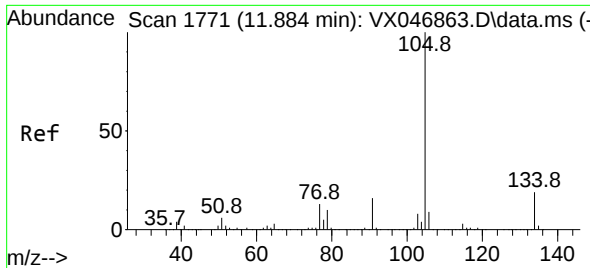
Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Tgt Ion:105 Resp: 786934

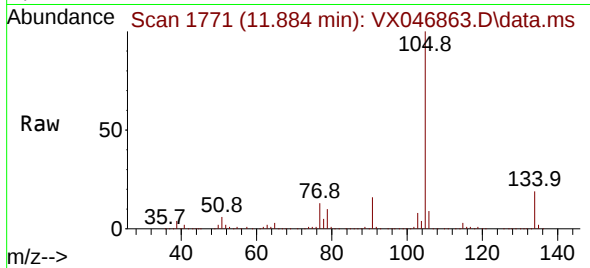
Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.3	69.8





#85
 sec-Butylbenzene
 Concen: 50.840 ug/l
 RT: 11.884 min Scan# 1771
 Delta R.T. 0.000 min
 Lab File: VX046863.D
 Acq: 02 Jul 2025 13:39

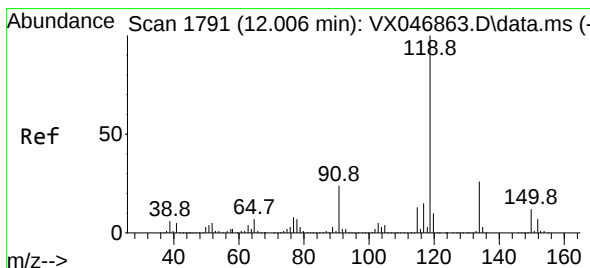
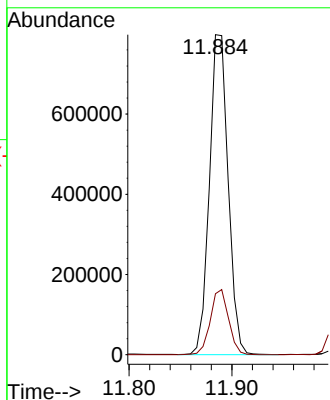
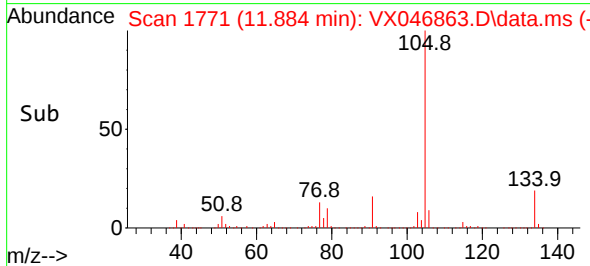
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



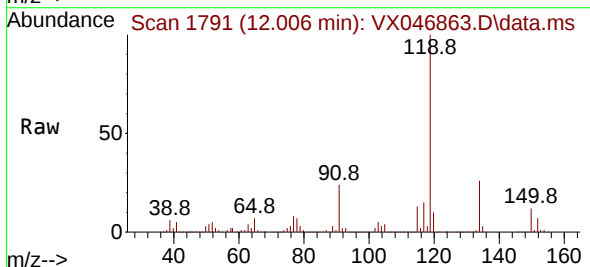
Tgt Ion:105 Resp: 100902
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.9 29.7

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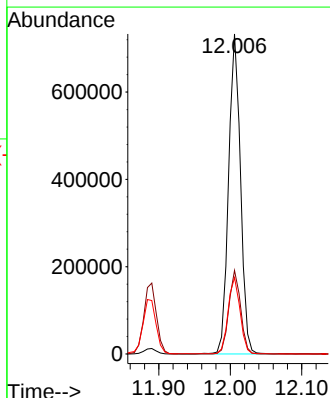
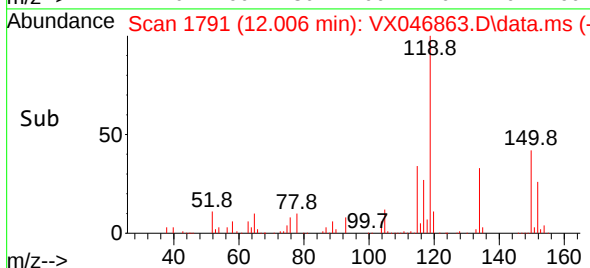
Reviewed By :John Carlone 07/03/2025
 Supervised By :Mahesh Dadoda 07/03/2025

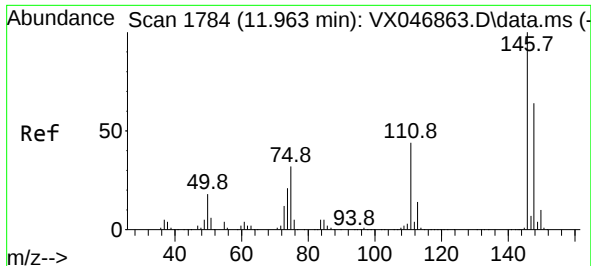


#86
 p-Isopropyltoluene
 Concen: 50.770 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046863.D
 Acq: 02 Jul 2025 13:39



Tgt Ion:119 Resp: 843813
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 49.687 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 434168

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

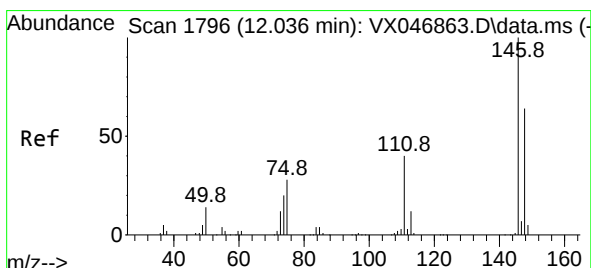
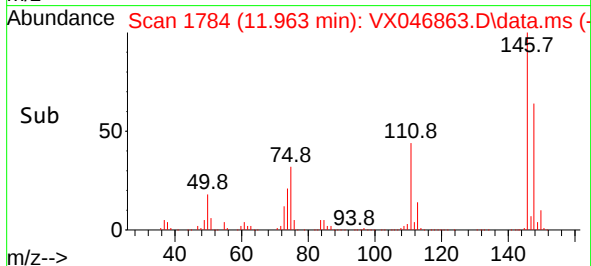
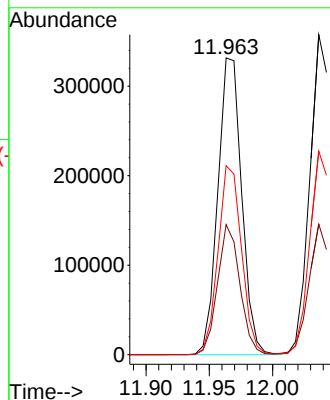
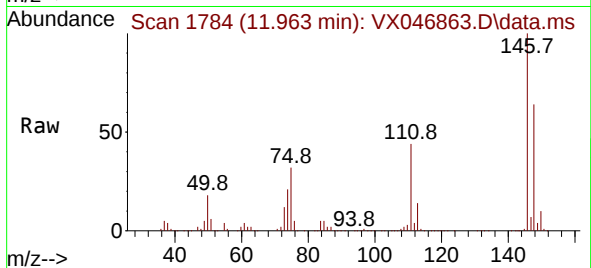
148 62.8 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/03/2025

Supervised By :Mahesh Dadoda 07/03/2025



#88

1,4-Dichlorobenzene

Concen: 47.882 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

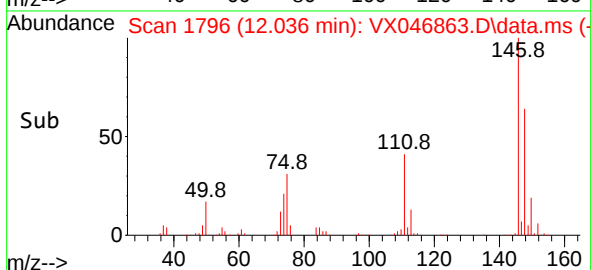
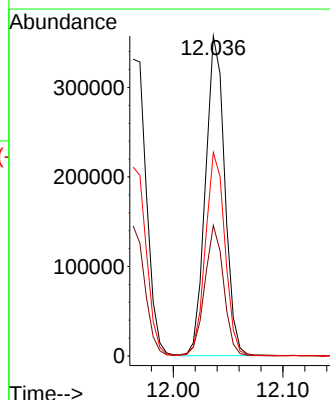
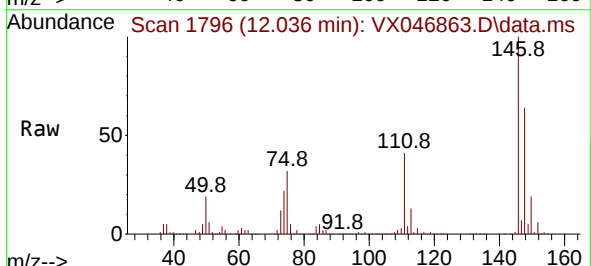
Tgt Ion:146 Resp: 435439

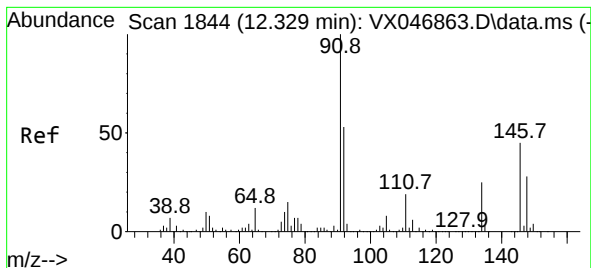
Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

148 64.7 32.4 97.0





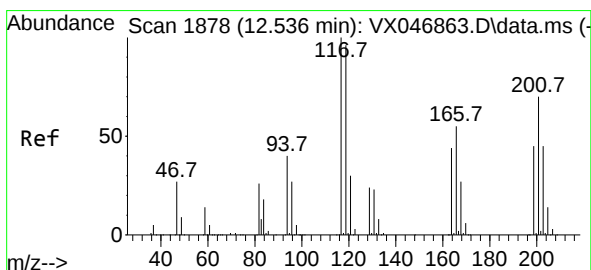
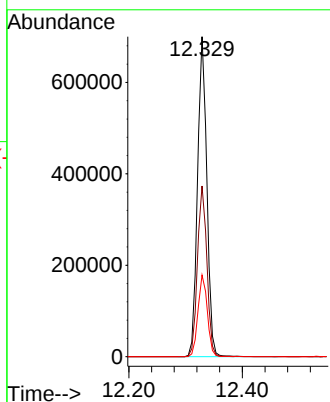
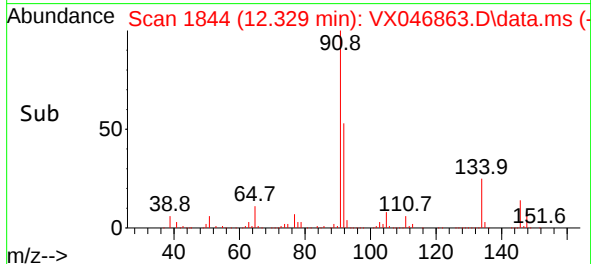
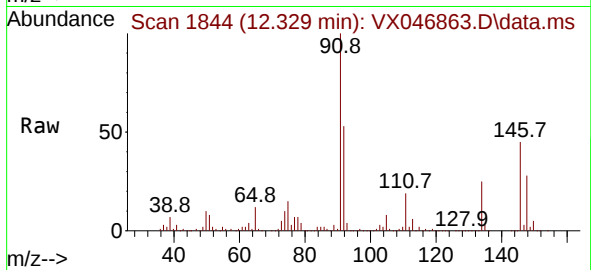
#89
n-Butylbenzene
Concen: 51.042 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 797119
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 25.6 12.8 38.4

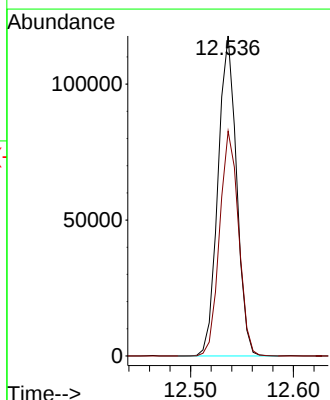
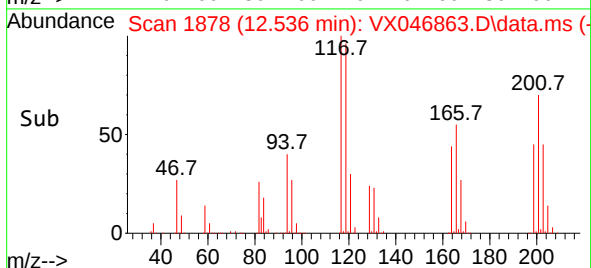
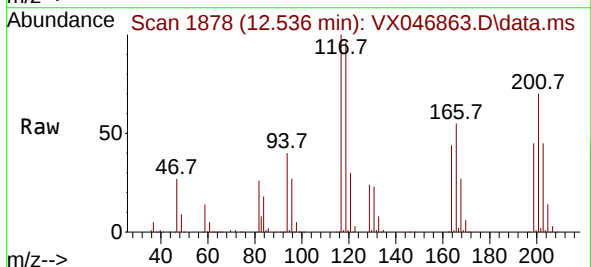
Manual Integrations
APPROVED

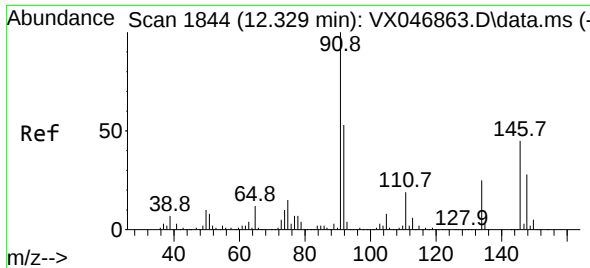
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025



#90
Hexachloroethane
Concen: 50.152 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

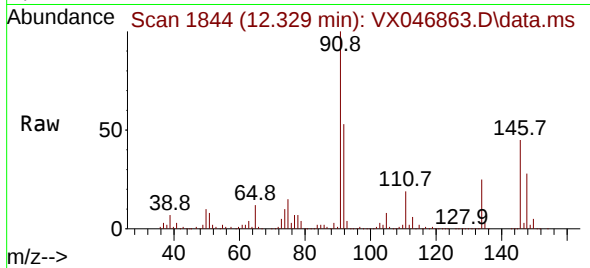
Tgt Ion:117 Resp: 147768
Ion Ratio Lower Upper
117 100
201 71.6 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 49.398 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

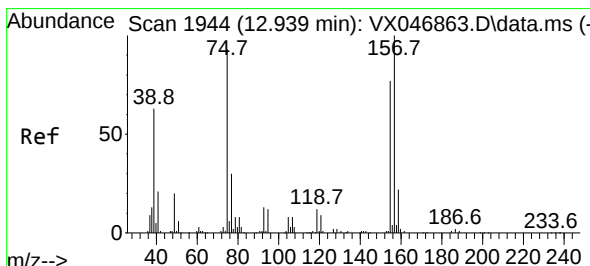
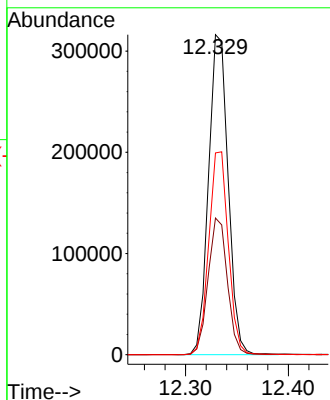
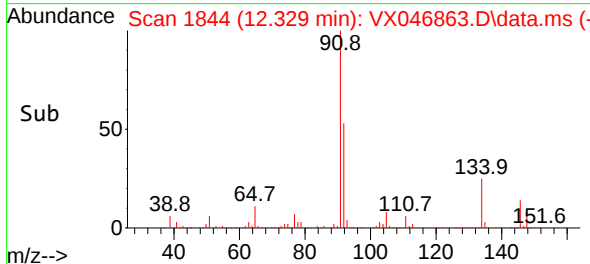
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



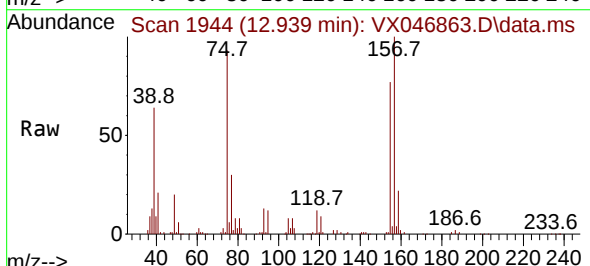
Tgt Ion:146 Resp: 41828
Ion Ratio Lower Upper
146 100
111 42.1 21.1 63.1
148 63.3 31.6 95.0

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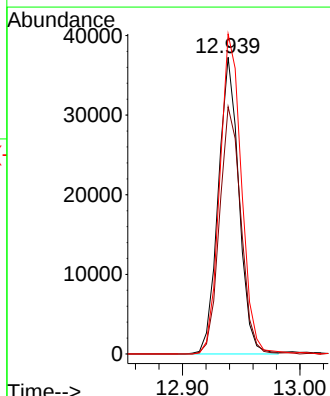
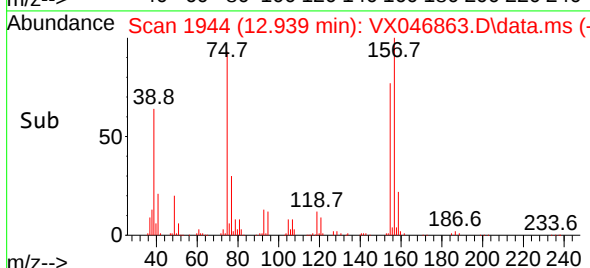
Reviewed By :John Carlone 07/03/2025
Supervised By :Mahesh Dadoda 07/03/2025

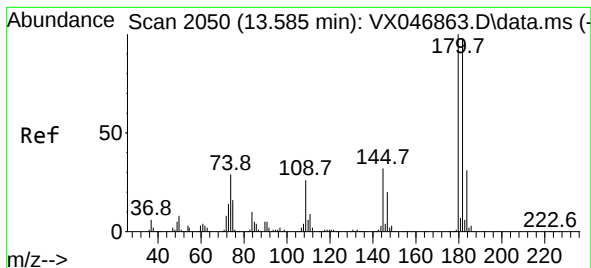


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.530 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



Tgt Ion: 75 Resp: 45584
Ion Ratio Lower Upper
75 100
155 86.3 43.1 129.4
157 113.0 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 50.438 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 29014

Ion Ratio Lower Upper

180 100

182 94.6 47.3 141.9

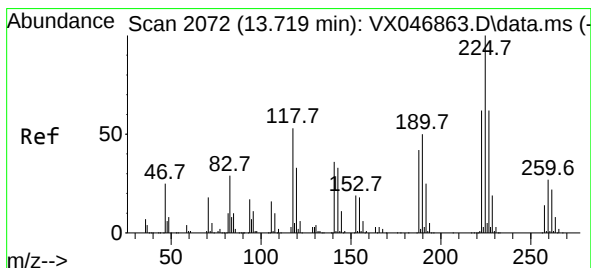
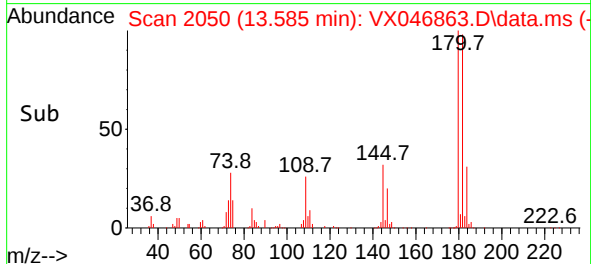
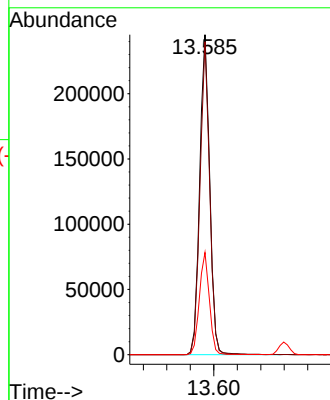
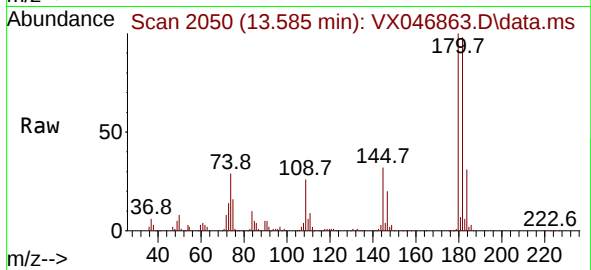
145 32.1 16.1 48.2

Manual Integrations

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#94

Hexachlorobutadiene

Concen: 50.352 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. 0.000 min

Lab File: VX046863.D

Acq: 02 Jul 2025 13:39

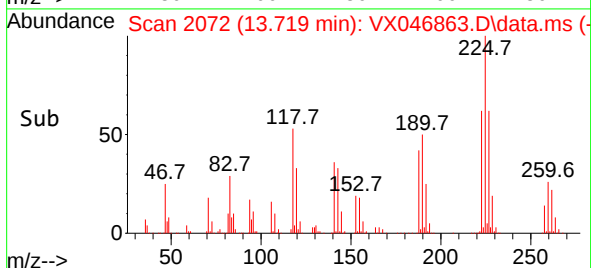
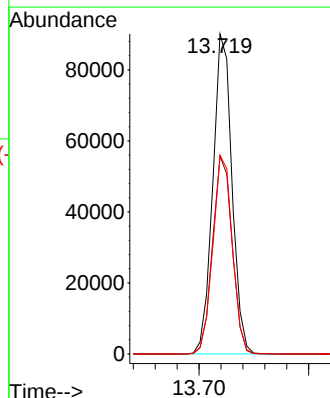
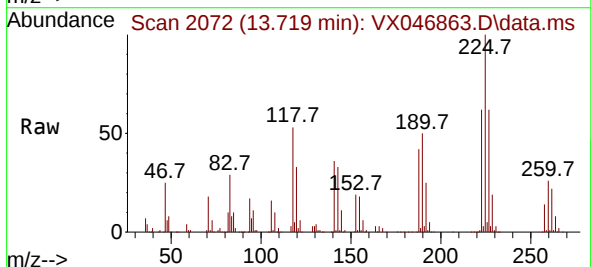
Tgt Ion:225 Resp: 109236

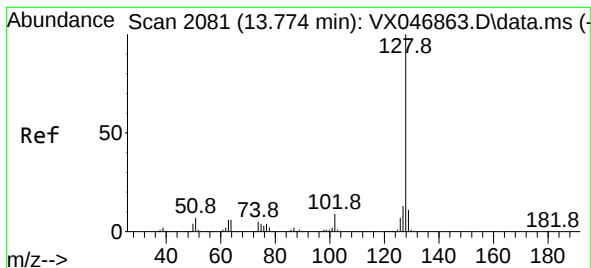
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.7

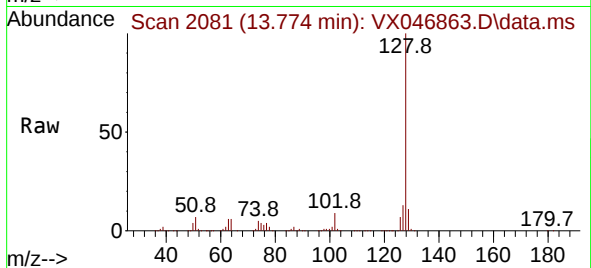
227 63.1 31.6 94.7





#95
Naphthalene
Concen: 53.405 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39

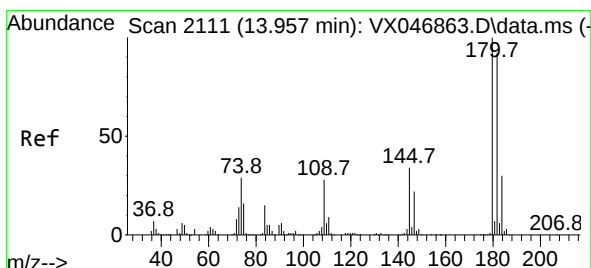
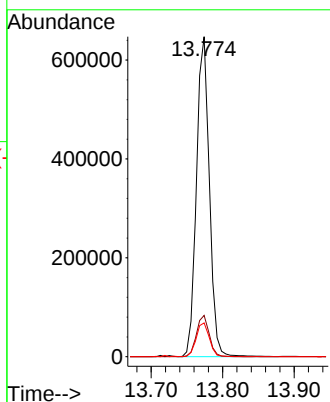
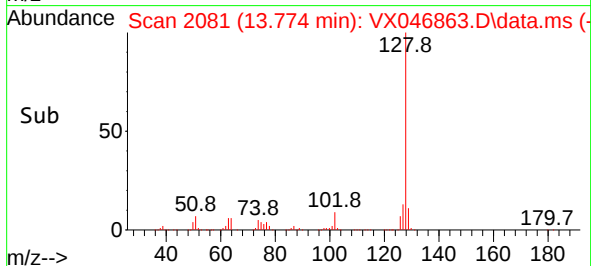
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



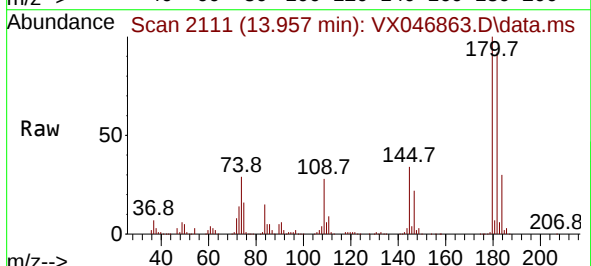
Tgt Ion:128 Resp: 809540
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.6 13.0

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



#96
1,2,3-Trichlorobenzene
Concen: 51.278 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046863.D
Acq: 02 Jul 2025 13:39



Tgt Ion:180 Resp: 278713
Ion Ratio Lower Upper
180 100
182 93.4 46.7 140.1
145 33.5 16.8 50.3

