

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061225\
 Data File : VX046673.D
 Acq On : 12 Jun 2025 18:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 13 01:48:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/13/2025
 Supervised By : Mahesh Dadoda 06/13/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	71865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	123470	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	57444	44.929	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.860%		
35) Dibromofluoromethane	5.403	113	47014	51.778	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.560%		
50) Toluene-d8	8.653	98	150396	50.240	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.480%		
62) 4-Bromofluorobenzene	11.079	95	64613	52.168	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	44830	44.933	ug/l	98
3) Chloromethane	1.307	50	40815	44.944	ug/l	97
4) Vinyl Chloride	1.386	62	38941	43.015	ug/l	99
5) Bromomethane	1.617	94	19676	35.802	ug/l	93
6) Chloroethane	1.697	64	23682	40.319	ug/l	98
7) Trichlorofluoromethane	1.904	101	68751	45.901	ug/l	100
8) Diethyl Ether	2.154	74	25837	48.821	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.349	101	48118	50.990	ug/l	93
10) Methyl Iodide	2.471	142	43804	42.821	ug/l	96
11) Tert butyl alcohol	2.971	59	45960	323.955	ug/l	99
12) 1,1-Dichloroethene	2.337	96	43630	51.136	ug/l	95
13) Acrolein	2.251	56	67462	375.983	ug/l	100
14) Allyl chloride	2.684	41	84891	50.661	ug/l	92
15) Acrylonitrile	3.081	53	163914	305.576	ug/l	98
16) Acetone	2.398	43	135433	269.384	ug/l	93
17) Carbon Disulfide	2.526	76	80912	44.684	ug/l	97
18) Methyl Acetate	2.721	43	101016	66.330	ug/l	96
19) Methyl tert-butyl Ether	3.129	73	169239	56.687	ug/l	99
20) Methylene Chloride	2.806	84	53246	51.910	ug/l	92
21) trans-1,2-Dichloroethene	3.111	96	45013	49.852	ug/l	96
22) Diisopropyl ether	3.782	45	182145	55.135	ug/l #	83
23) Vinyl Acetate	3.739	43	725647	284.501	ug/l	98
24) 1,1-Dichloroethane	3.629	63	96820	52.585	ug/l	99
25) 2-Butanone	4.574	43	219126	307.872	ug/l	100
26) 2,2-Dichloropropane	4.495	77	65150	47.664	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	59551	53.575	ug/l	93
28) Bromochloromethane	4.916	49	48802	55.571	ug/l	96
29) Tetrahydrofuran	5.025	42	138419	307.947	ug/l	99
30) Chloroform	5.111	83	103482	53.640	ug/l	98
31) Cyclohexane	5.495	56	72219	48.587	ug/l	97
32) 1,1,1-Trichloroethane	5.403	97	87369	52.943	ug/l	97
36) 1,1-Dichloropropene	5.708	75	62188	47.948	ug/l	97
37) Ethyl Acetate	4.733	43	82503	65.175	ug/l	100
38) Carbon Tetrachloride	5.696	117	74106	51.012	ug/l	97
39) Methylcyclohexane	7.391	83	73253	47.850	ug/l	99
40) Benzene	6.056	78	196085	53.703	ug/l	99

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Manual Integrations
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 Supervised By : Mahesh Dadoda 06/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	46836	59.581	ug/l	93
42) 1,2-Dichloroethane	6.104	62	76622	50.442	ug/l	97
43) Isopropyl Acetate	6.354	43	131067	59.392	ug/l	97
44) Trichloroethene	7.135	130	48175	51.927	ug/l	99
45) 1,2-Dichloropropane	7.440	63	52739	55.959	ug/l	99
46) Dibromomethane	7.586	93	38908	54.877	ug/l	96
47) Bromodichloromethane	7.830	83	81742	56.071	ug/l	96
48) Methyl methacrylate	7.702	41	67261	59.238	ug/l	94
49) 1,4-Dioxane	7.671	88	20983	1381.917	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	445918	317.977	ug/l	97
52) Toluene	8.720	92	125423	55.913	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	74026	56.634	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	80777	55.582	ug/l	89
55) 1,1,2-Trichloroethane	9.153	97	54074	60.047	ug/l	97
56) Ethyl methacrylate	9.122	69	86288	62.267	ug/l	92
57) 1,3-Dichloropropane	9.311	76	89692	56.360	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	237120	314.139	ug/l	98
59) 2-Hexanone	9.433	43	327907	326.032	ug/l	97
60) Dibromochloromethane	9.525	129	62672	59.166	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53097	56.583	ug/l	98
64) Tetrachloroethene	9.275	164	38390	52.147	ug/l	95
65) Chlorobenzene	10.079	112	141695	54.724	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51710	59.100	ug/l	100
67) Ethyl Benzene	10.195	91	244675	54.129	ug/l	99
68) m/p-Xylenes	10.305	106	184363	112.437	ug/l	97
69) o-Xylene	10.640	106	90696	57.186	ug/l	98
70) Styrene	10.658	104	160931	59.277	ug/l	97
71) Bromoform	10.799	173	41725	62.543	ug/l #	100
73) Isopropylbenzene	10.963	105	245690	53.961	ug/l	100
74) N-amyl acetate	10.841	43	117434	58.569	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	86602	59.424	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	70248m	57.260	ug/l	
77) Bromobenzene	11.195	156	57851	54.741	ug/l	96
78) n-propylbenzene	11.305	91	291743	52.939	ug/l	99
79) 2-Chlorotoluene	11.366	91	175162	52.709	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	202905	53.479	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	24902	58.552	ug/l	93
82) 4-Chlorotoluene	11.457	91	207877	52.774	ug/l	98
83) tert-Butylbenzene	11.713	119	211133	54.665	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	208321	54.275	ug/l	99
85) sec-Butylbenzene	11.890	105	267256	53.852	ug/l	100
86) p-Isopropyltoluene	12.006	119	221213	53.469	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110032	53.617	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111514	52.441	ug/l	99
89) n-Butylbenzene	12.329	91	210168	51.728	ug/l	99
90) Hexachloroethane	12.536	117	38641	52.548	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108595	54.821	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	20078	61.523	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	72422	53.594	ug/l	98
94) Hexachlorobutadiene	13.725	225	30899	49.203	ug/l	97
95) Naphthalene	13.774	128	257845	60.170	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	73397	54.168	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

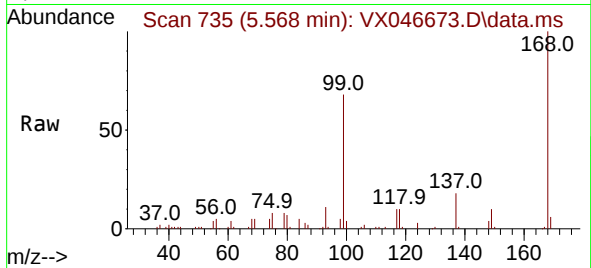
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.568 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47

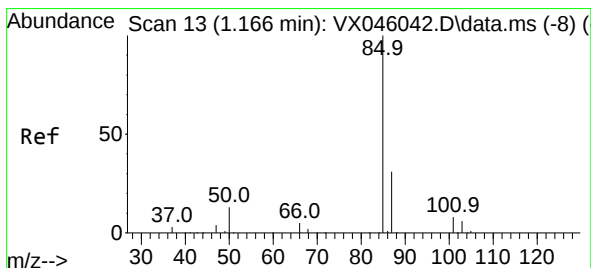
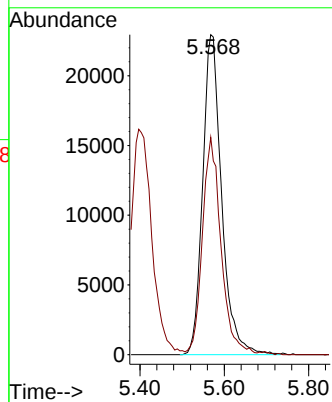
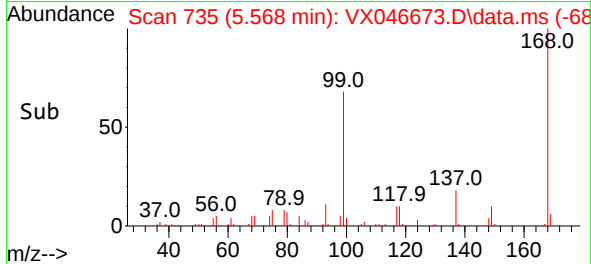
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:168 Resp: 7186
 Ion Ratio Lower Upper
 168 100
 99 67.6 54.9 82.3

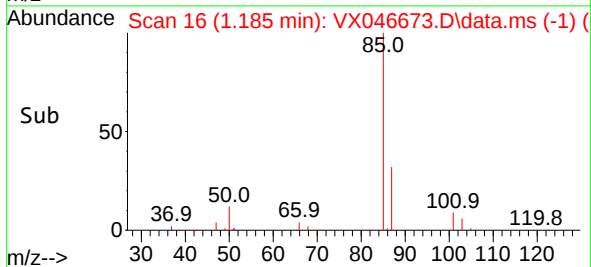
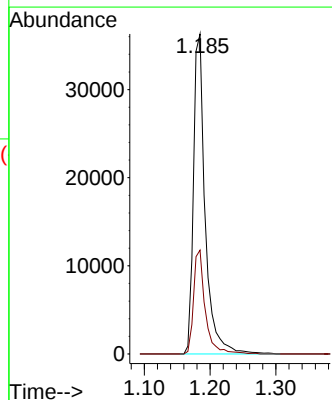
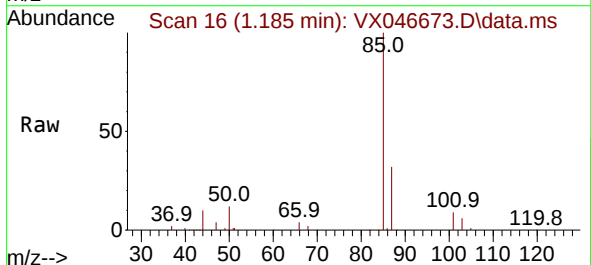
Manual Integrations
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#2
 Dichlorodifluoromethane
 Concen: 44.933 ug/l
 RT: 1.185 min Scan# 16
 Delta R.T. -0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47

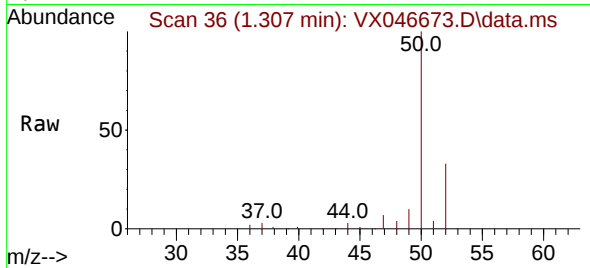
Tgt Ion: 85 Resp: 44830
 Ion Ratio Lower Upper
 85 100
 87 32.4 15.7 47.1





#3
Chloromethane
Concen: 44.944 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

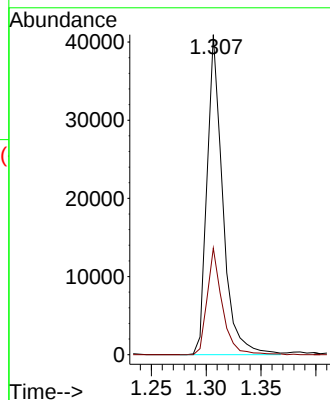
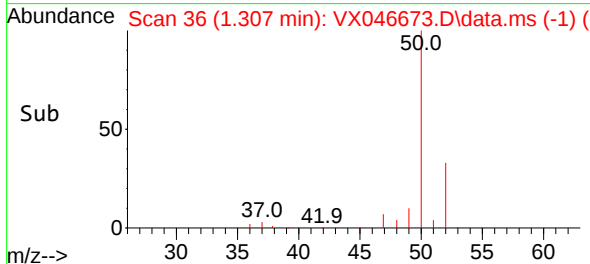
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



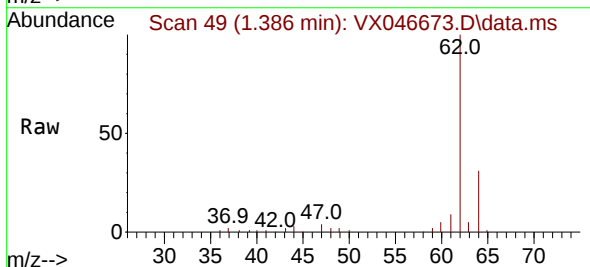
Tgt Ion: 50 Resp: 40815
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

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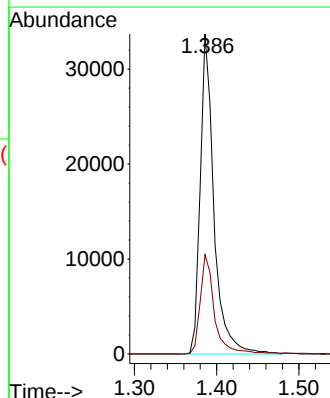
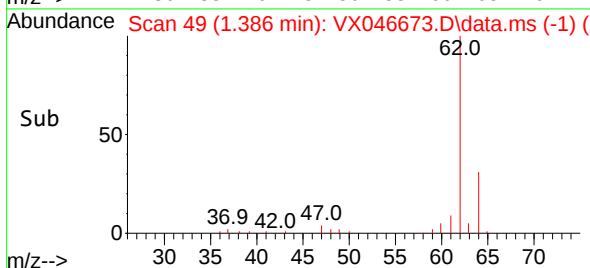
Reviewed By :John Carlone 06/13/2025
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#4
Vinyl Chloride
Concen: 43.015 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



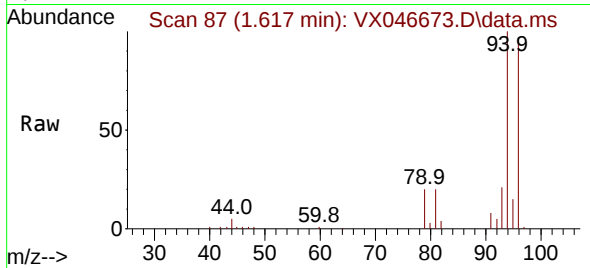
Tgt Ion: 62 Resp: 38941
Ion Ratio Lower Upper
62 100
64 31.0 25.2 37.8





#5
Bromomethane
Concen: 35.802 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.007 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

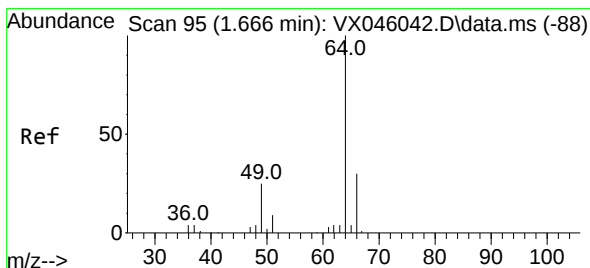
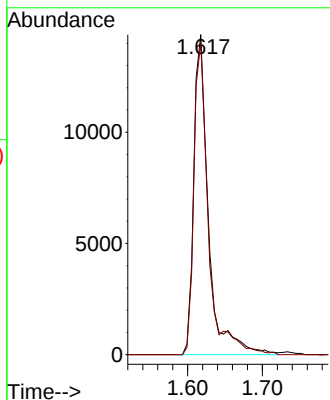
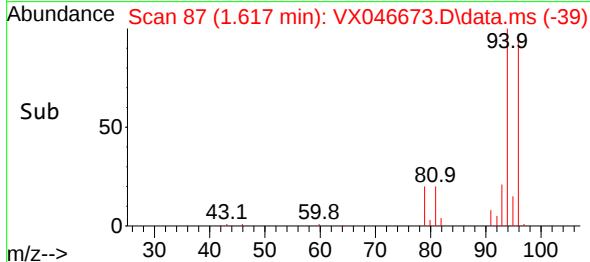
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 19670
Ion Ratio Lower Upper
94 100
96 97.4 72.8 109.2

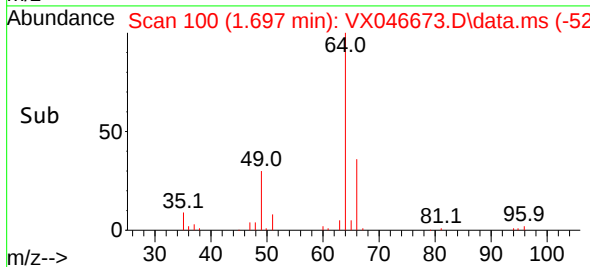
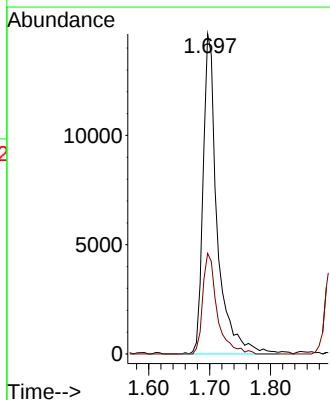
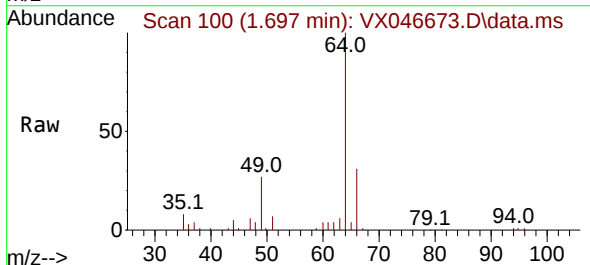
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#6
Chloroethane
Concen: 40.319 ug/l
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

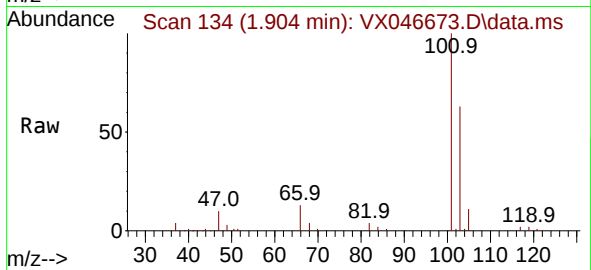
Tgt Ion: 64 Resp: 23682
Ion Ratio Lower Upper
64 100
66 31.4 24.3 36.5





#7
 Trichlorofluoromethane
 Concen: 45.901 ug/l
 RT: 1.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47

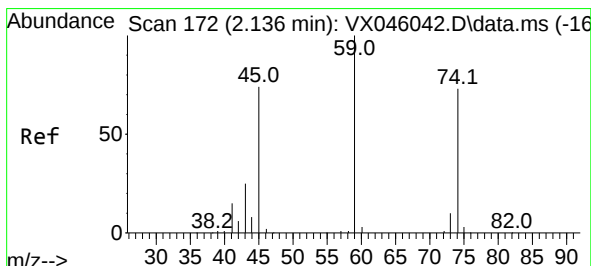
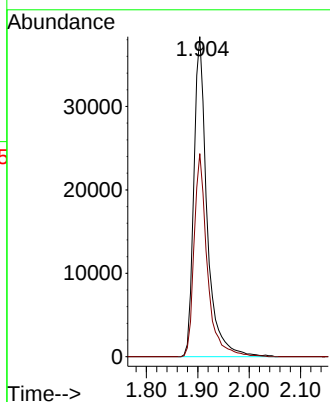
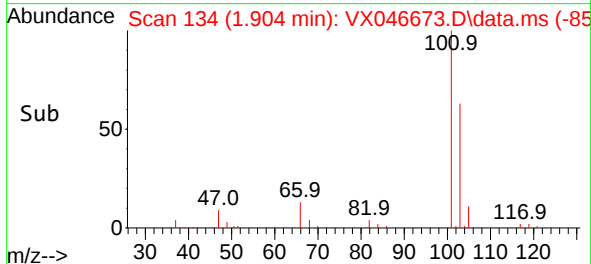
Instrument :
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Tgt Ion:101 Resp: 6875
 Ion Ratio Lower Upper
 101 100
 103 63.4 51.0 76.4

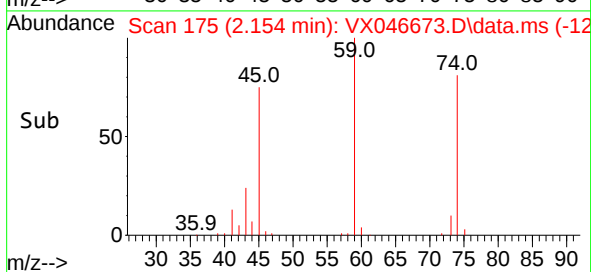
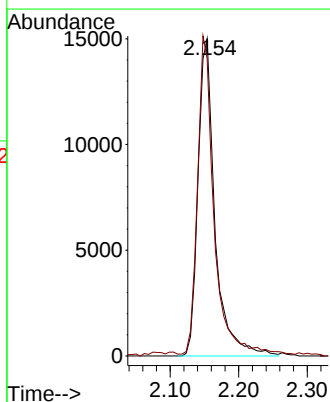
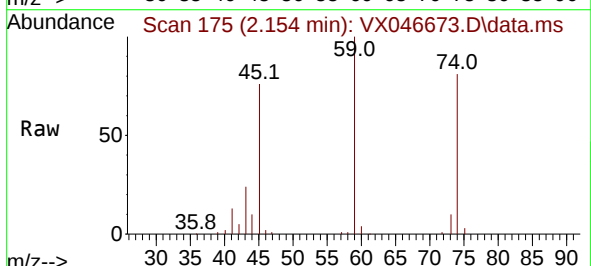
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#8
 Diethyl Ether
 Concen: 48.821 ug/l
 RT: 2.154 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47

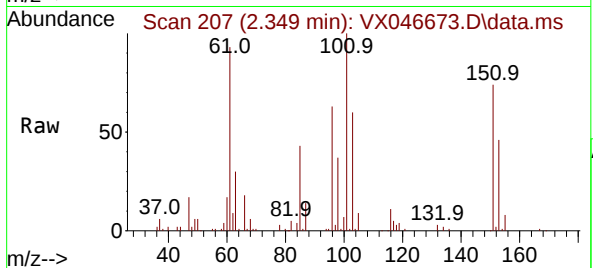
Tgt Ion: 74 Resp: 25837
 Ion Ratio Lower Upper
 74 100
 45 97.0 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.990 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

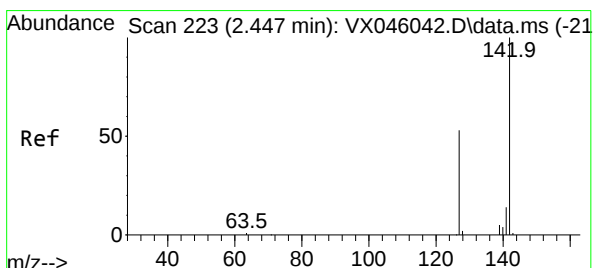
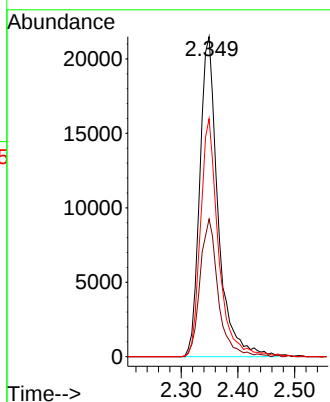
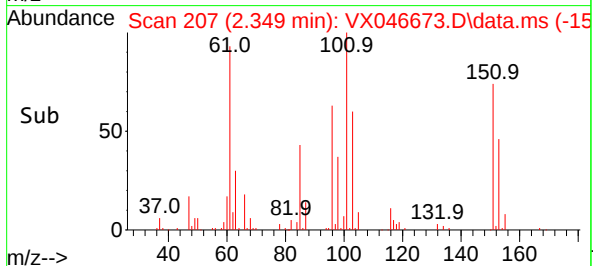
Instrument :
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Tgt Ion:101 Resp: 48118
Ion Ratio Lower Upper
101 100
85 42.7 38.6 58.0
151 73.4 55.2 82.8

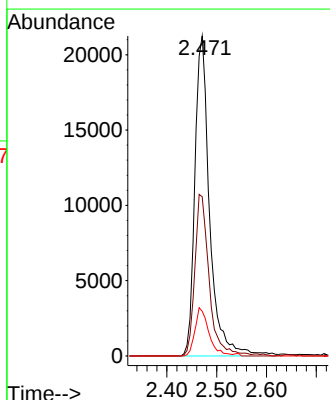
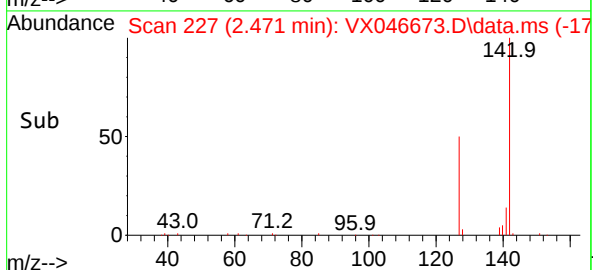
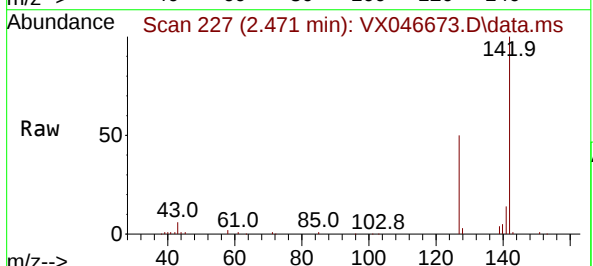
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#10
Methyl Iodide
Concen: 42.821 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

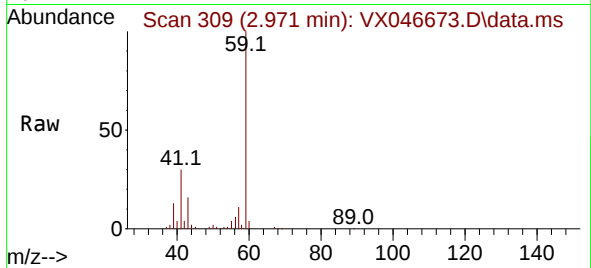
Tgt Ion:142 Resp: 43804
Ion Ratio Lower Upper
142 100
127 48.9 41.7 62.5
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 323.955 ug/l
RT: 2.971 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

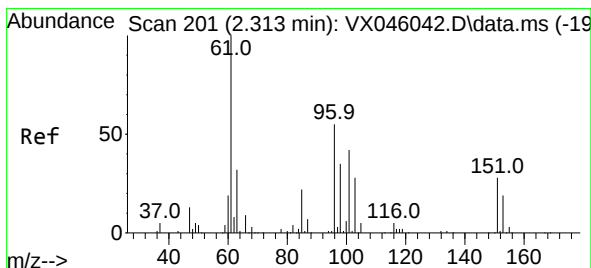
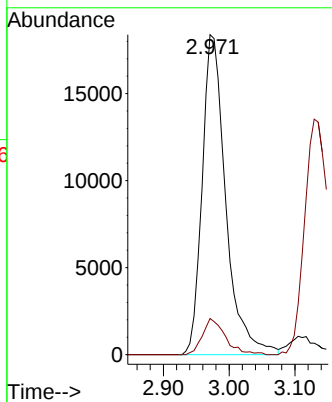
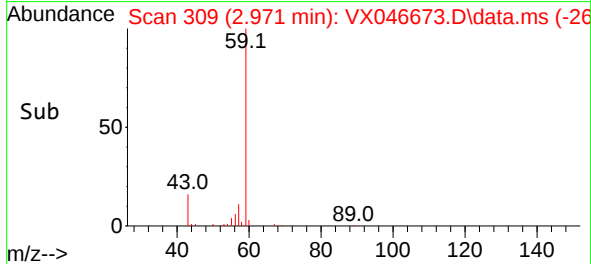
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 45960
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

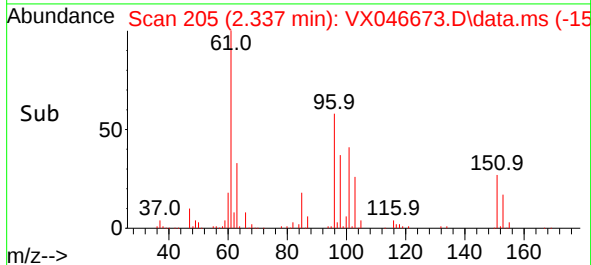
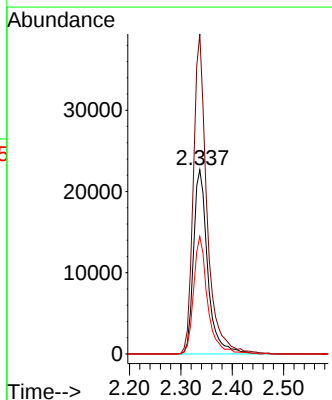
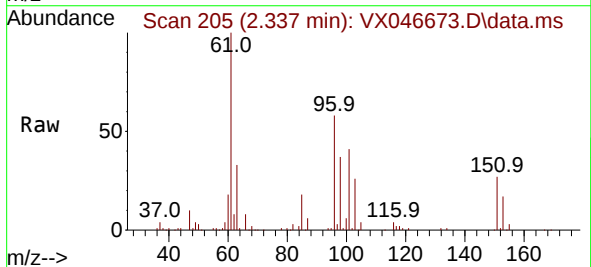
Manual Integrations
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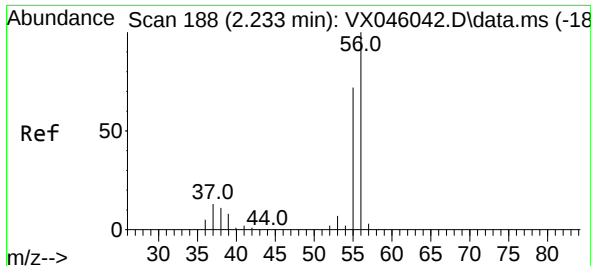
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#12
1,1-Dichloroethene
Concen: 51.136 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

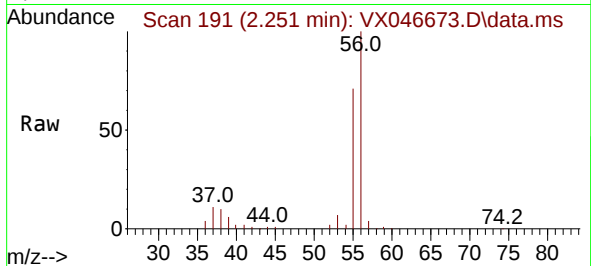
Tgt Ion: 96 Resp: 43630
Ion Ratio Lower Upper
96 100
61 173.8 146.2 219.2
98 63.8 51.0 76.6





#13
Acrolein
Concen: 375.983 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

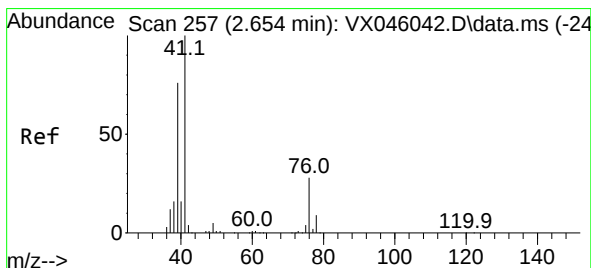
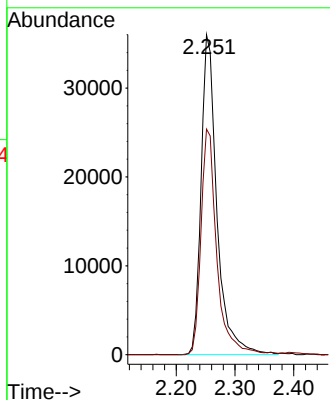
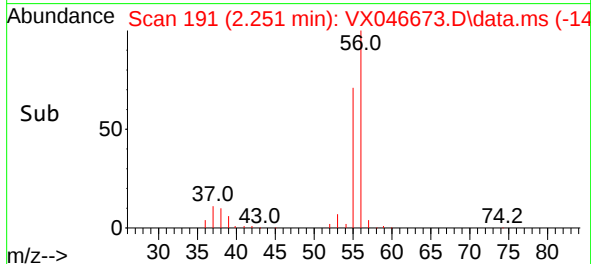
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 67462
Ion Ratio Lower Upper
56 100
55 70.0 56.2 84.4

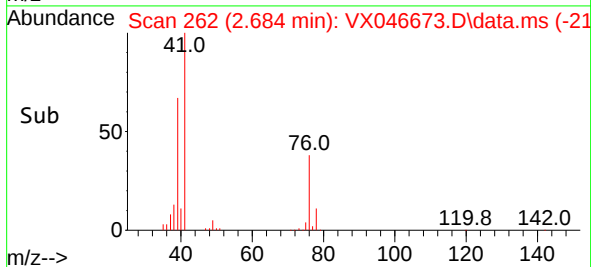
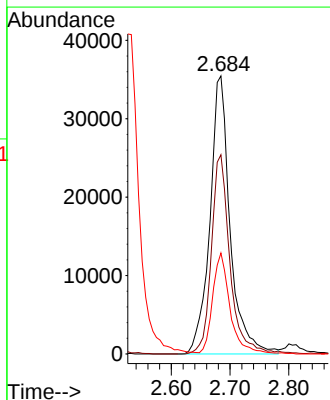
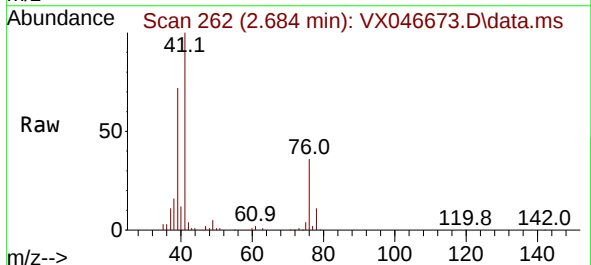
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#14
Allyl chloride
Concen: 50.661 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

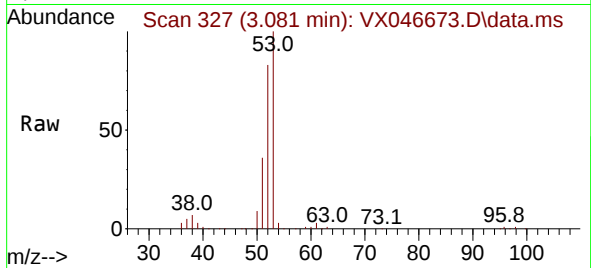
Tgt Ion: 41 Resp: 84891
Ion Ratio Lower Upper
41 100
39 65.8 60.6 90.8
76 31.5 24.9 37.3





#15
Acrylonitrile
Concen: 305.576 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

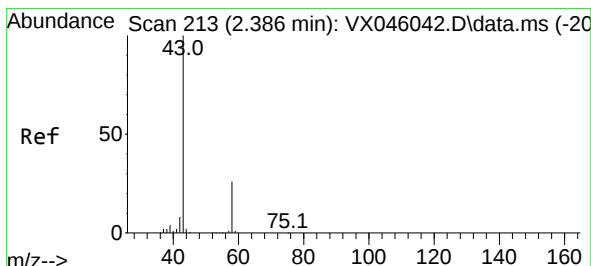
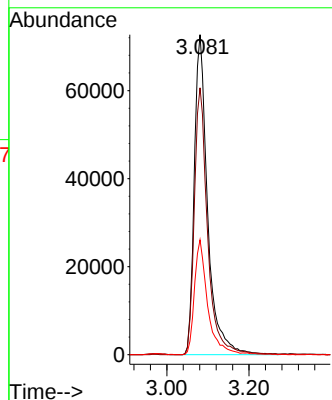
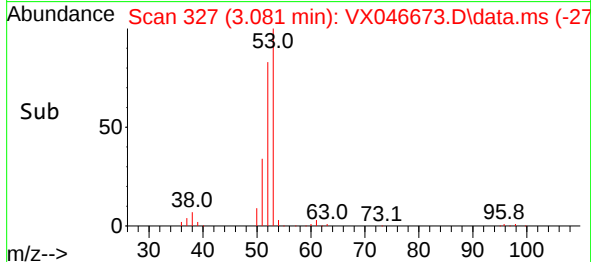
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 163914
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.0 29.8 44.8

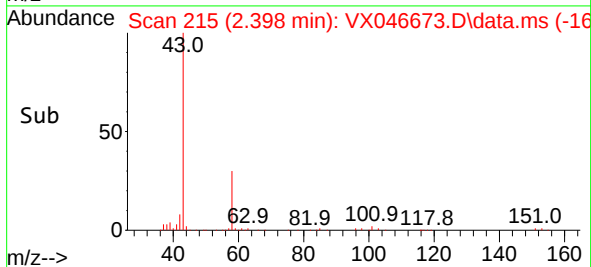
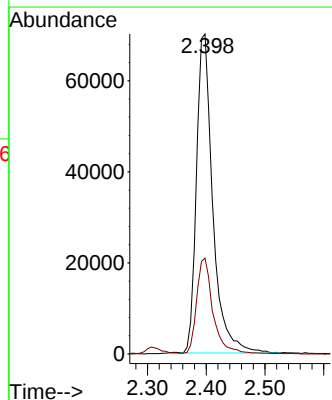
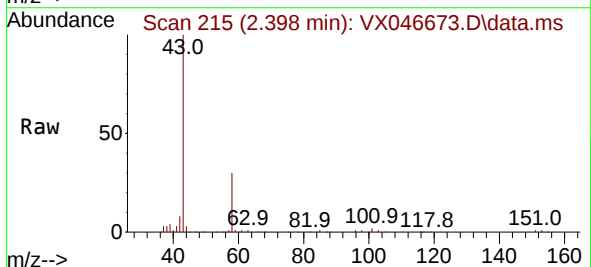
Manual Integrations
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#16
Acetone
Concen: 269.384 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion: 43 Resp: 135433
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8





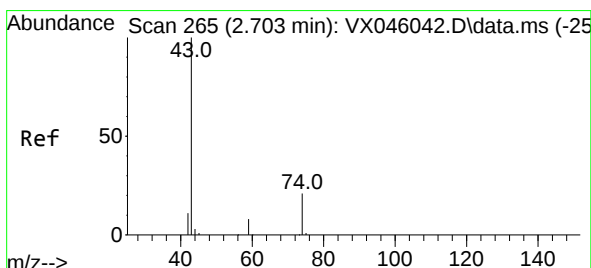
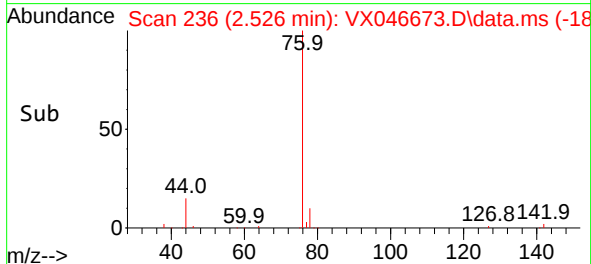
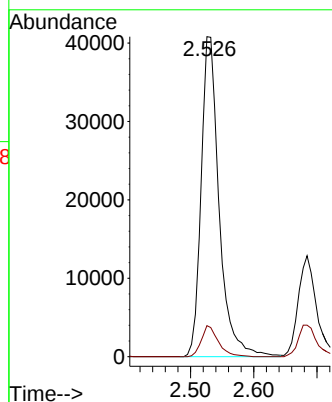
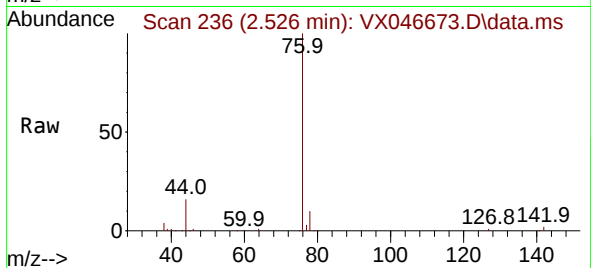
#17
Carbon Disulfide
Concen: 44.684 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 80912
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

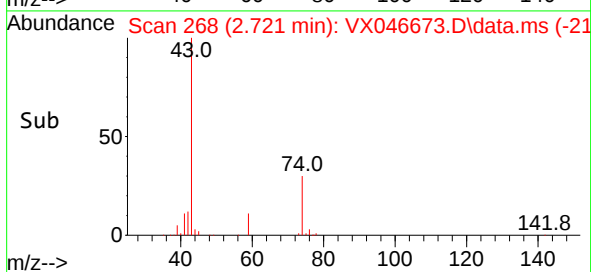
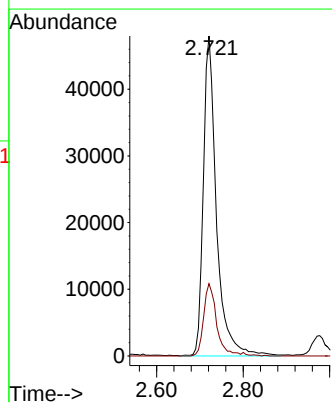
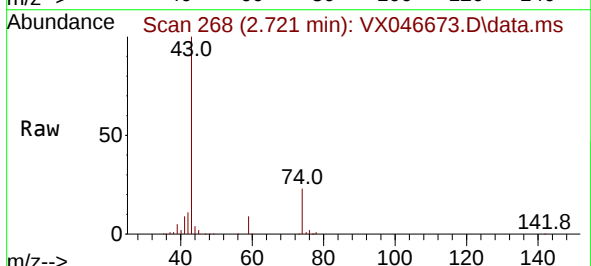
Manual Integrations
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Supervised By :Mahesh Dadoda 06/13/2025



#18
Methyl Acetate
Concen: 66.330 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

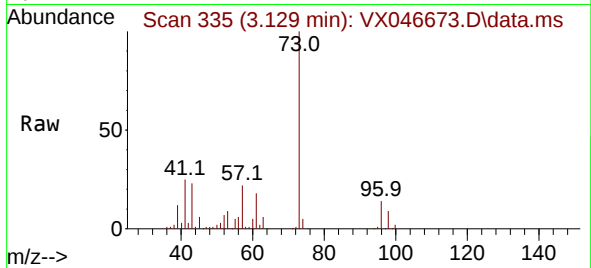
Tgt Ion: 43 Resp: 101016
Ion Ratio Lower Upper
43 100
74 22.6 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 56.687 ug/l
RT: 3.129 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

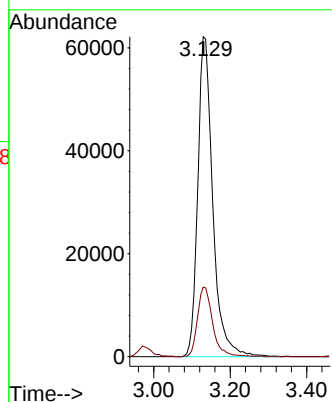
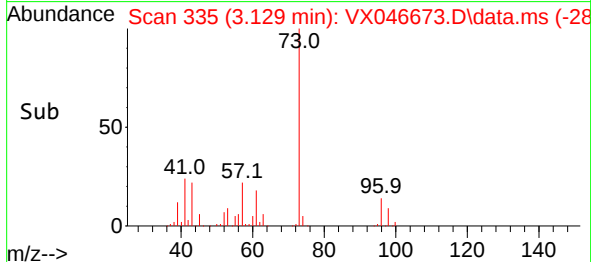
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 169239
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5

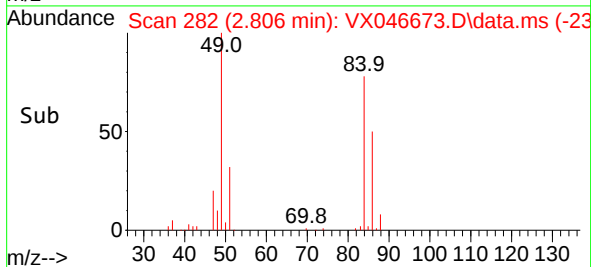
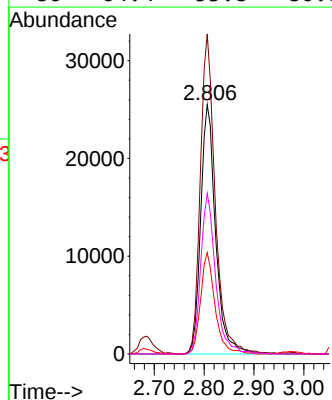
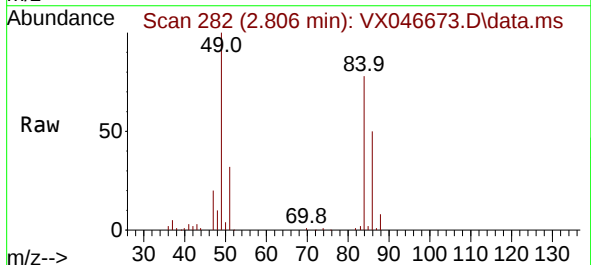
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Supervised By :Mahesh Dadoda 06/13/2025



#20
Methylene Chloride
Concen: 51.910 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

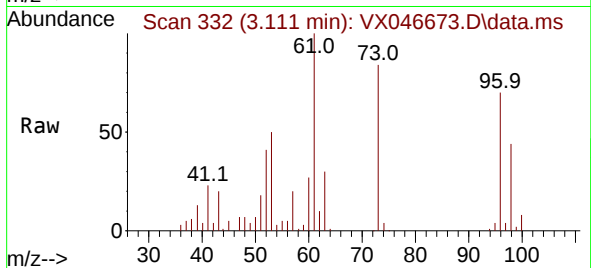
Tgt Ion: 84 Resp: 53246
Ion Ratio Lower Upper
84 100
49 128.4 113.9 170.9
51 40.6 33.5 50.3
86 64.4 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 49.852 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

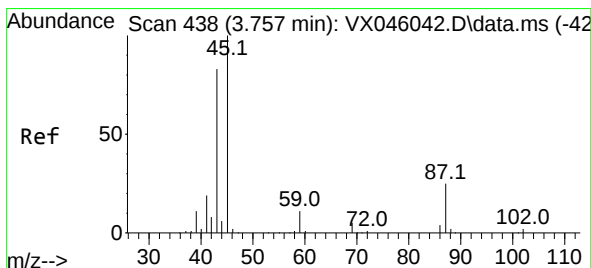
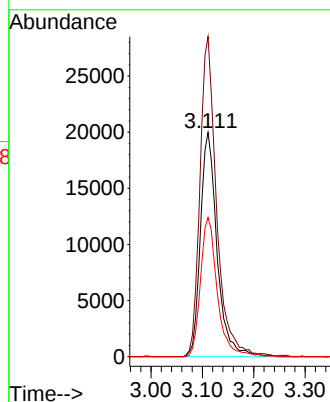
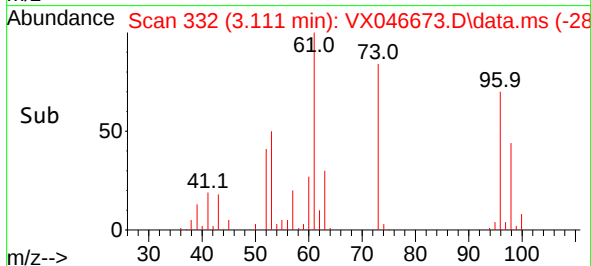
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 4501
Ion Ratio Lower Upper
96 100
61 142.8 119.5 179.3
98 62.1 50.0 75.0

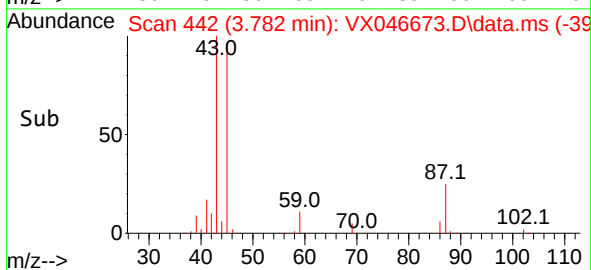
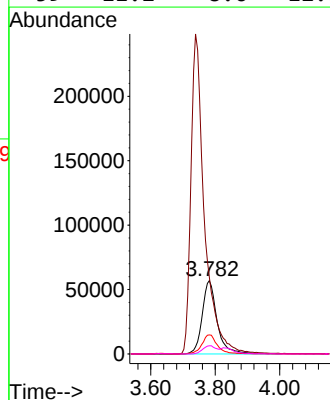
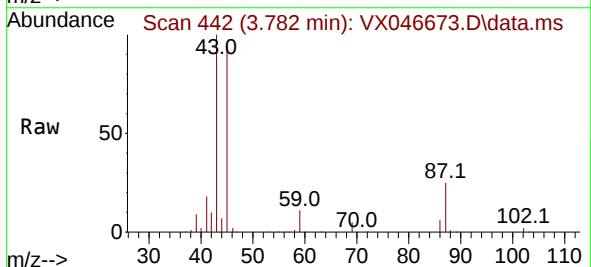
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Supervised By :Mahesh Dadoda 06/13/2025



#22
Diisopropyl ether
Concen: 55.135 ug/l
RT: 3.782 min Scan# 442
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

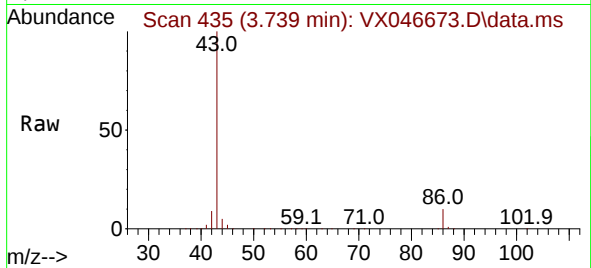
Tgt Ion: 45 Resp: 182145
Ion Ratio Lower Upper
45 100
43 104.6 66.6 100.0#
87 25.9 19.8 29.6
59 11.2 8.6 12.8





#23
 Vinyl Acetate
 Concen: 284.501 ug/l
 RT: 3.739 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47

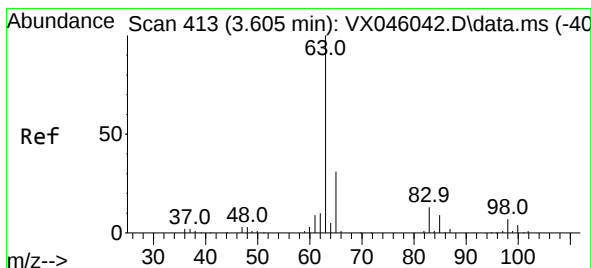
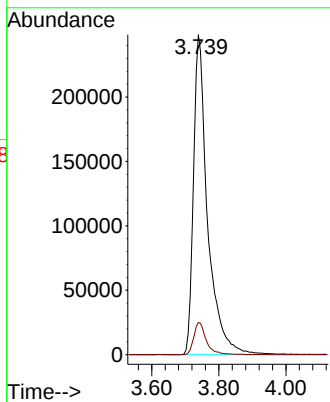
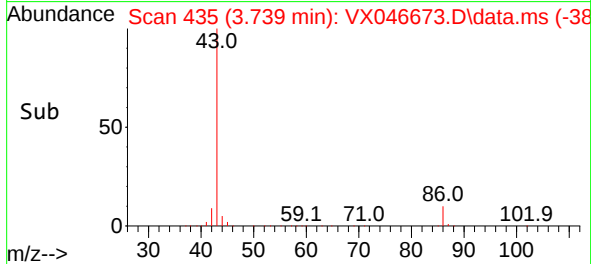
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



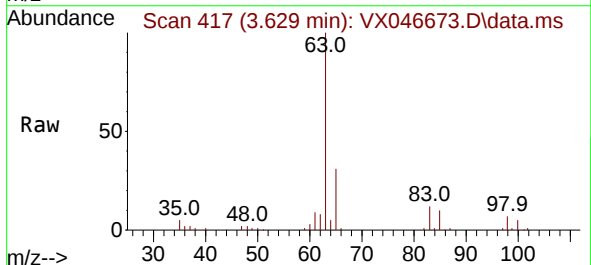
Tgt Ion: 43 Resp: 72564
 Ion Ratio Lower Upper
 43 100
 86 10.0 7.5 11.3

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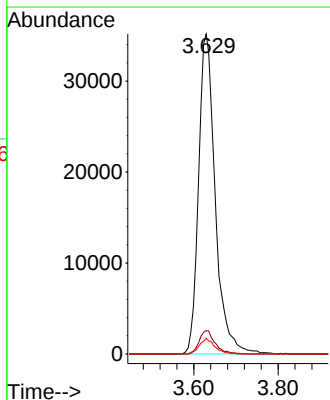
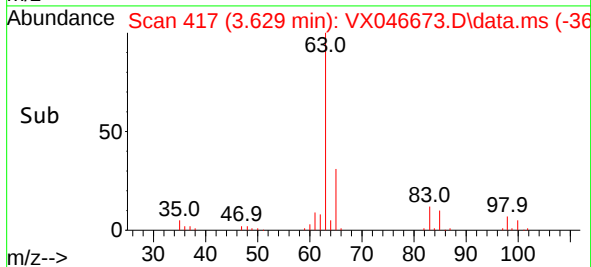
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025

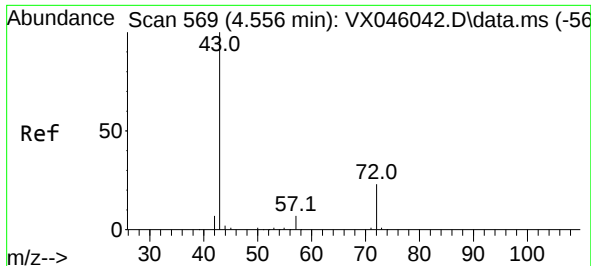


#24
 1,1-Dichloroethane
 Concen: 52.585 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47



Tgt Ion: 63 Resp: 96820
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.9 2.1 6.3





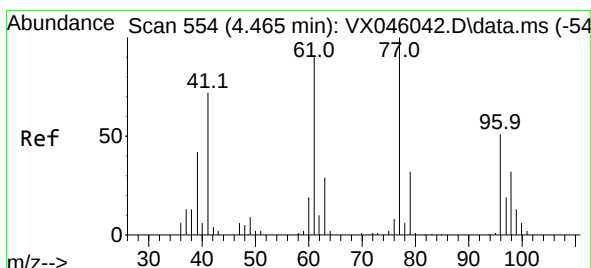
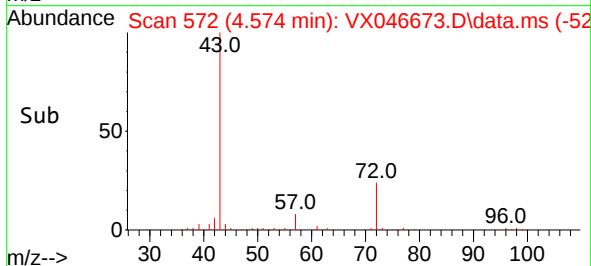
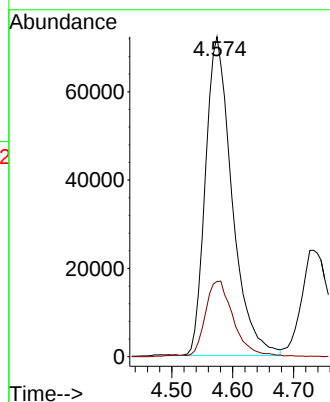
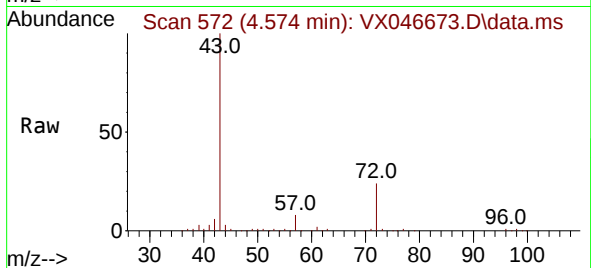
#25
2-Butanone
Concen: 307.872 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 219120
Ion Ratio Lower Upper
43 100
72 23.2 18.4 27.6

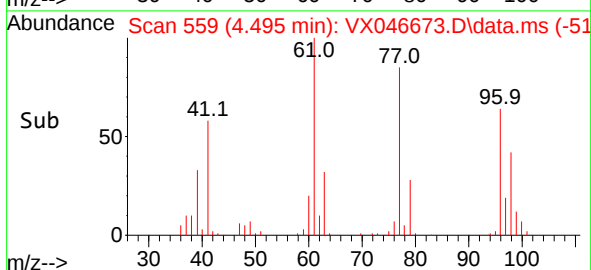
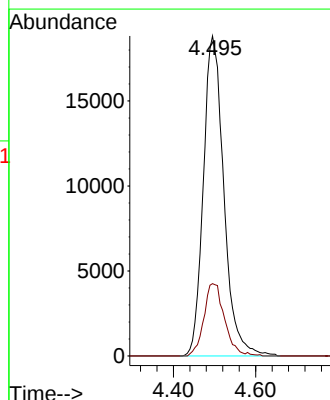
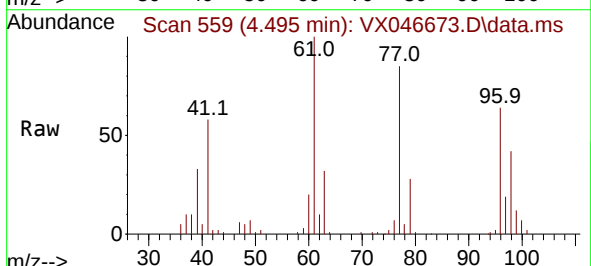
Manual Integrations
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#26
2,2-Dichloropropane
Concen: 47.664 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion: 77 Resp: 65150
Ion Ratio Lower Upper
77 100
97 22.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 53.575 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 5955

Ion Ratio Lower Upper

96 100

61 148.2 0.0 322.8

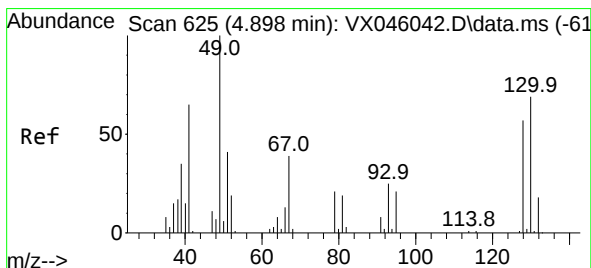
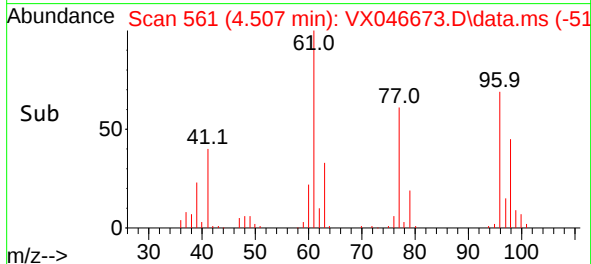
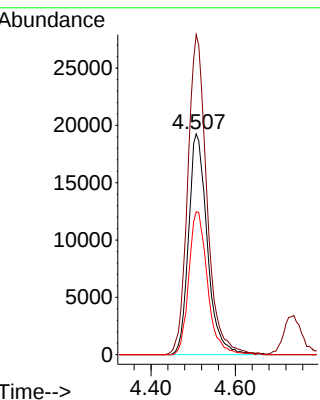
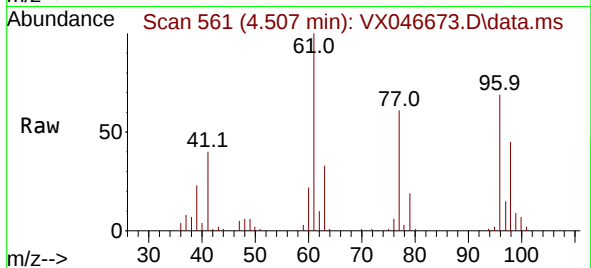
98 64.7 0.0 129.0

Manual Integrations

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Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#28

Bromochloromethane

Concen: 55.571 ug/l

RT: 4.916 min Scan# 628

Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

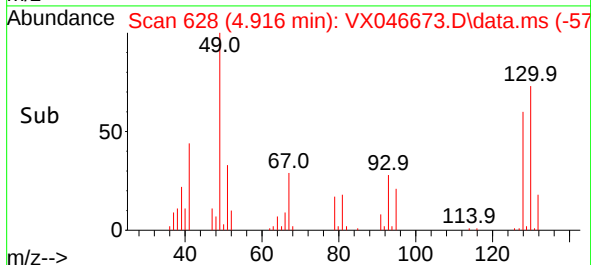
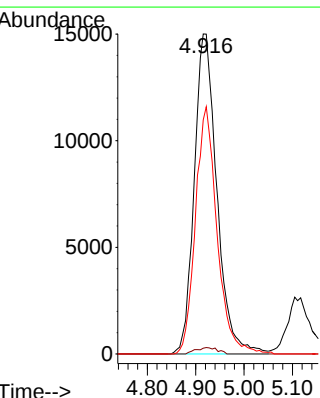
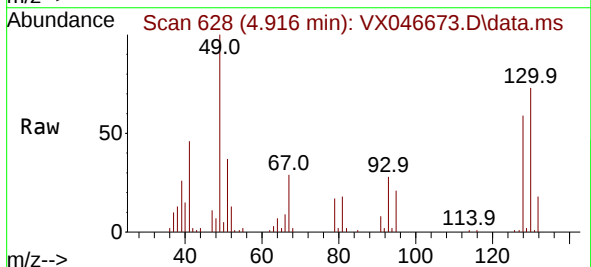
Tgt Ion: 49 Resp: 48802

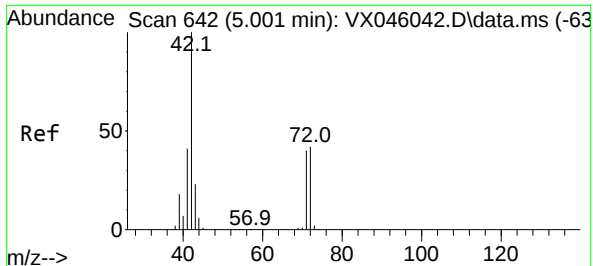
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 73.7 56.2 84.2





#29

Tetrahydrofuran

Concen: 307.947 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.006 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

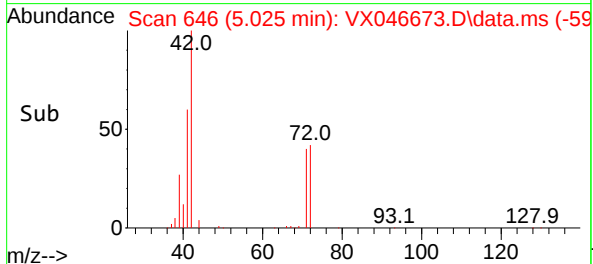
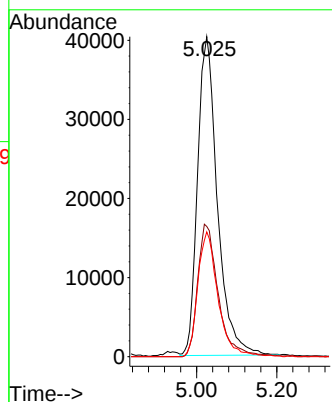
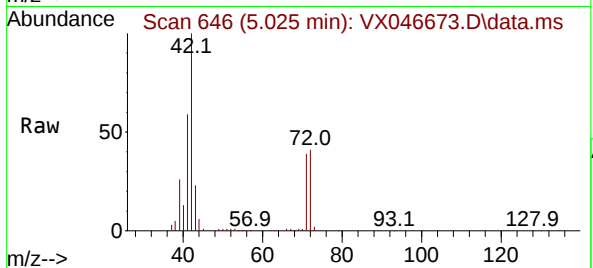
Tgt Ion:	42	Resp:	138419
Ion Ratio	Lower	Upper	
42	100		
72	43.1	33.7	50.5
71	39.9	31.4	47.2

Manual Integrations

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Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#30

Chloroform

Concen: 53.640 ug/l

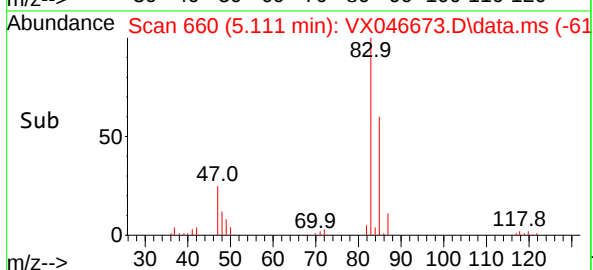
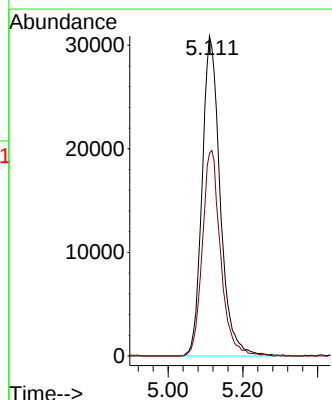
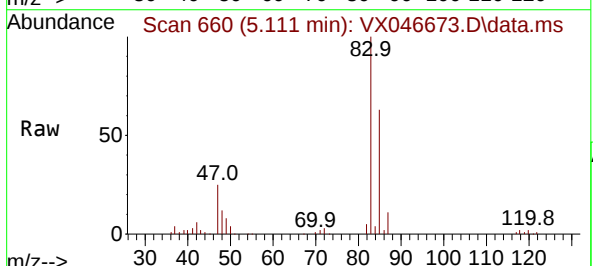
RT: 5.111 min Scan# 660

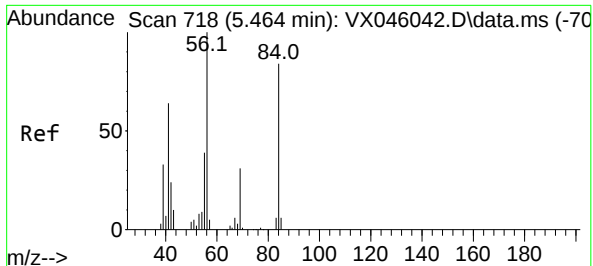
Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

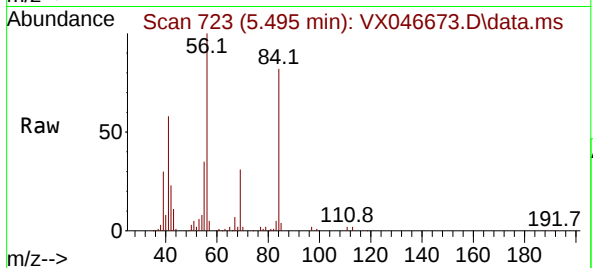
Tgt Ion:	83	Resp:	103482
Ion Ratio	Lower	Upper	
83	100		
85	63.3	49.3	73.9





#31
Cyclohexane
Concen: 48.587 ug/l
RT: 5.495 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

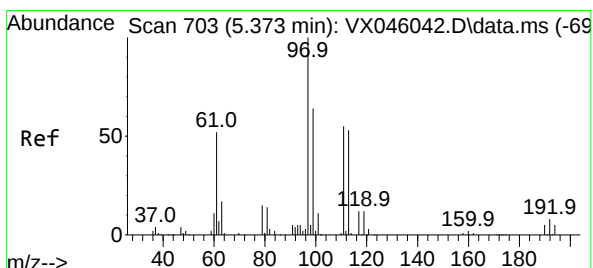
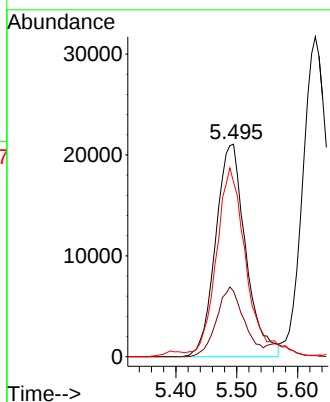
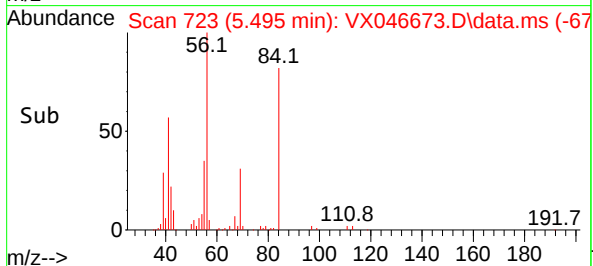
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 72219
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 79.8 66.9 100.3

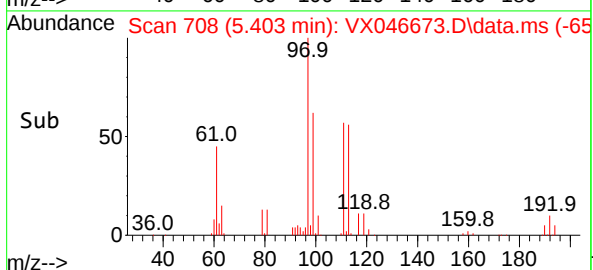
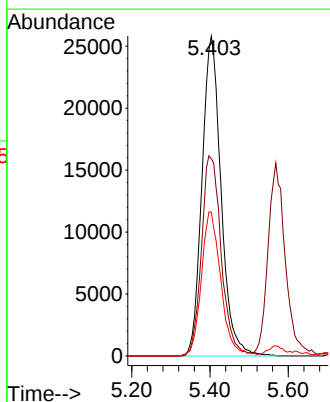
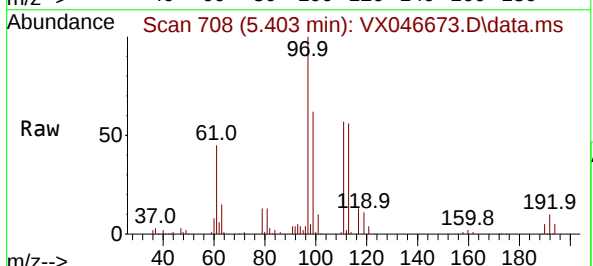
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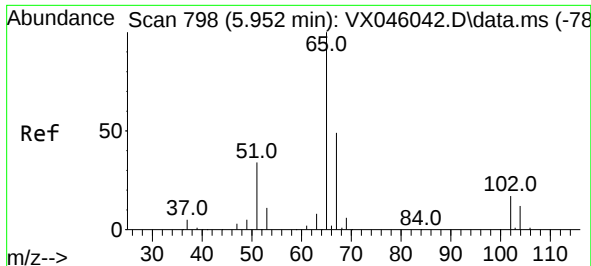
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#32
1,1,1-Trichloroethane
Concen: 52.943 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion: 97 Resp: 87369
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 45.9 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 44.929 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 5744

Ion Ratio Lower Upper

65 100

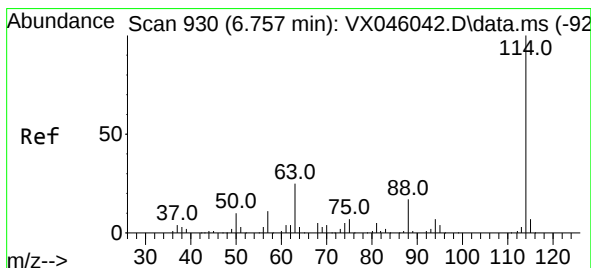
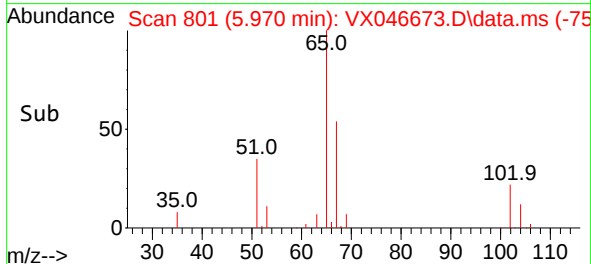
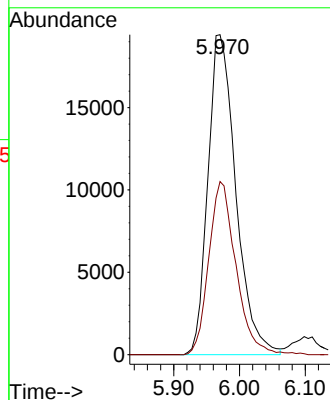
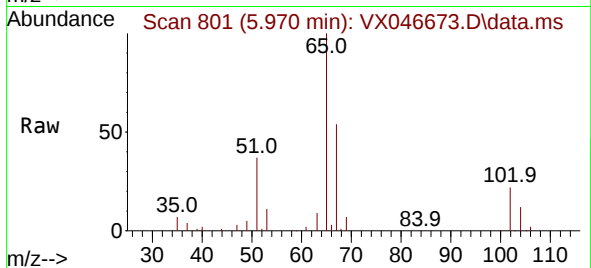
67 52.7 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.775 min Scan# 933

Delta R.T. 0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

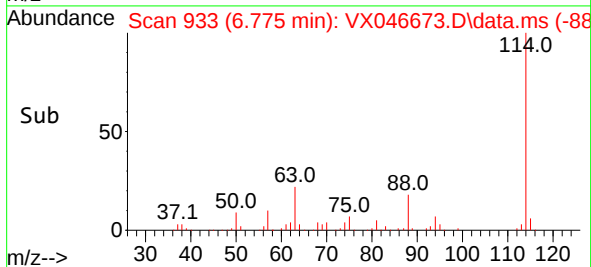
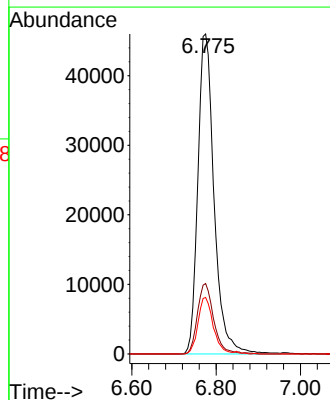
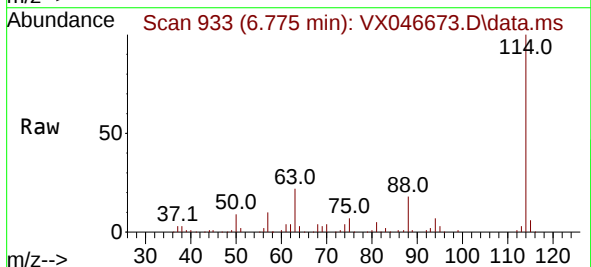
Tgt Ion:114 Resp: 123470

Ion Ratio Lower Upper

114 100

63 22.0 0.0 49.2

88 17.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.778 ug/l

RT: 5.403 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:113 Resp: 47014

Ion Ratio Lower Upper

113 100

111 103.1 83.1 124.7

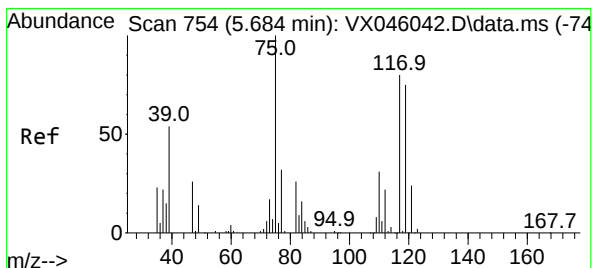
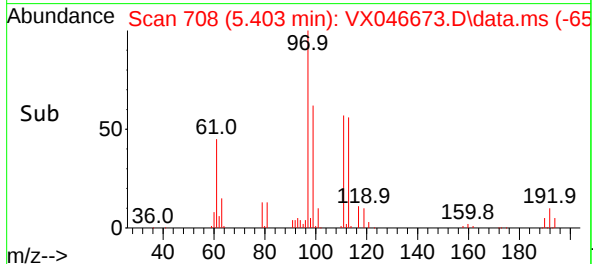
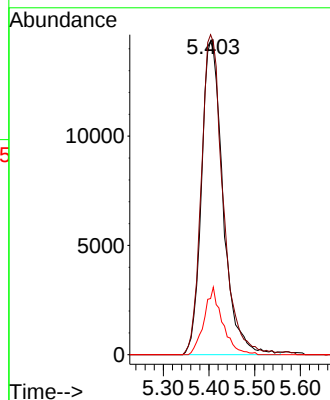
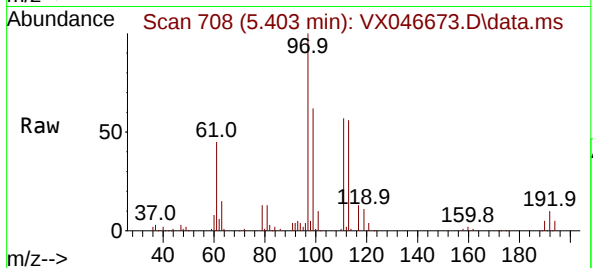
192 18.3 13.3 19.9

Manual Integrations

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Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#36

1,1-Dichloropropene

Concen: 47.948 ug/l

RT: 5.708 min Scan# 758

Delta R.T. -0.006 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

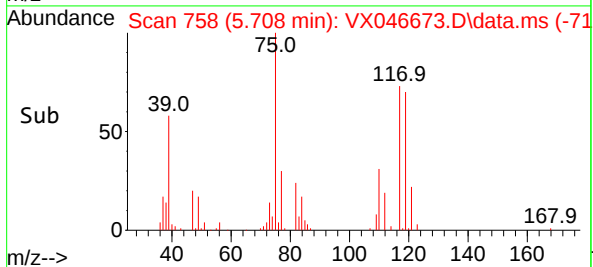
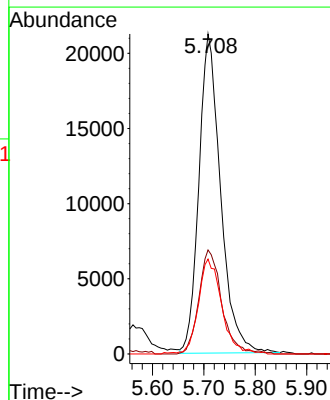
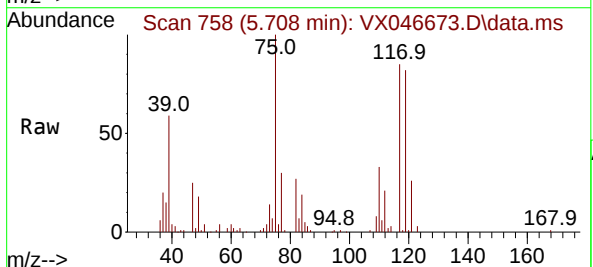
Tgt Ion: 75 Resp: 62188

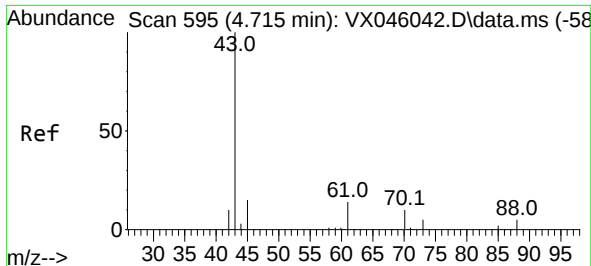
Ion Ratio Lower Upper

75 100

110 34.4 16.3 48.9

77 32.1 24.3 36.5





#37

Ethyl Acetate

Concen: 65.175 ug/l

RT: 4.733 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 8250

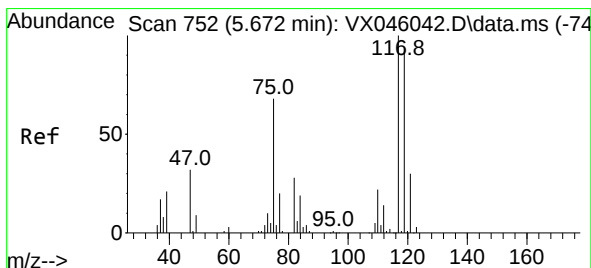
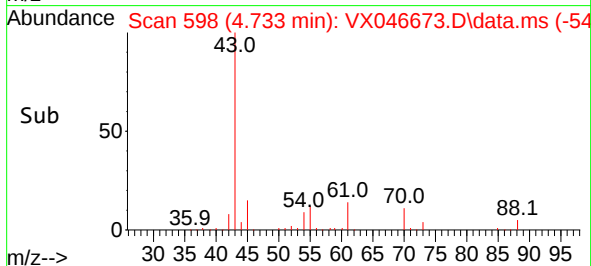
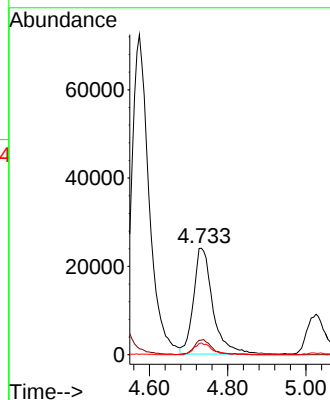
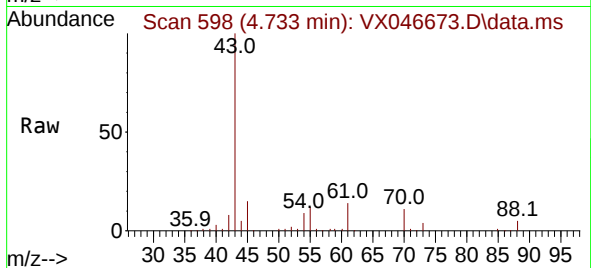
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.3	15.5
70	10.2	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#38

Carbon Tetrachloride

Concen: 51.012 ug/l

RT: 5.696 min Scan# 756

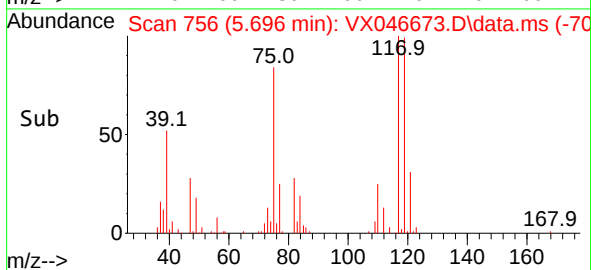
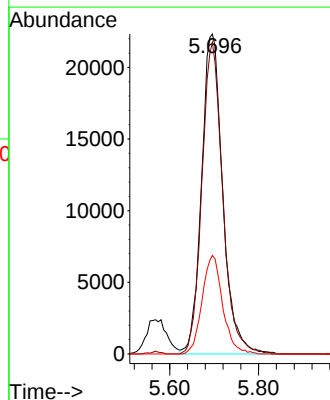
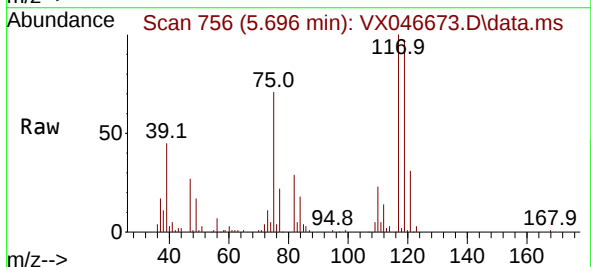
Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Tgt Ion:117 Resp: 74106

Ion	Ratio	Lower	Upper
117	100		
119	97.4	75.2	112.8
121	30.8	24.2	36.4





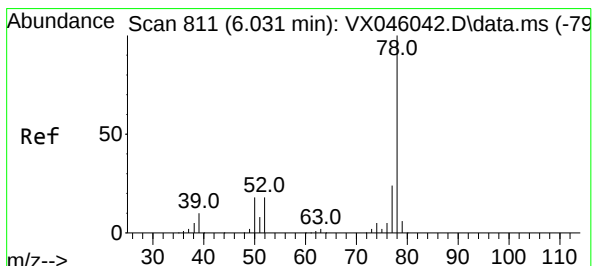
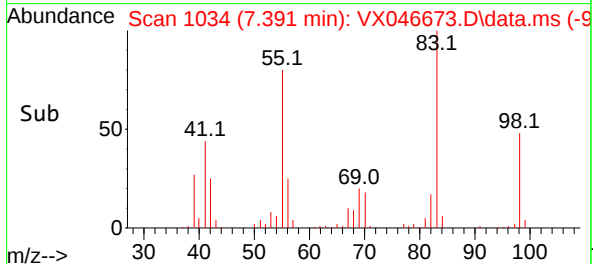
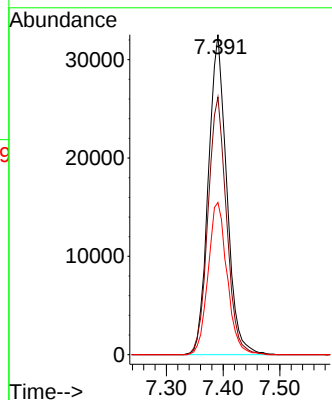
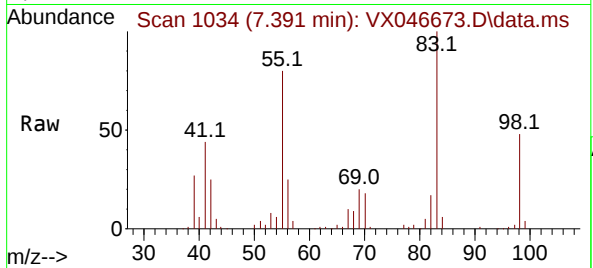
#39
Methylcyclohexane
Concen: 47.850 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 7325
Ion Ratio Lower Upper
83 100
55 80.5 64.7 97.1
98 47.6 37.4 56.2

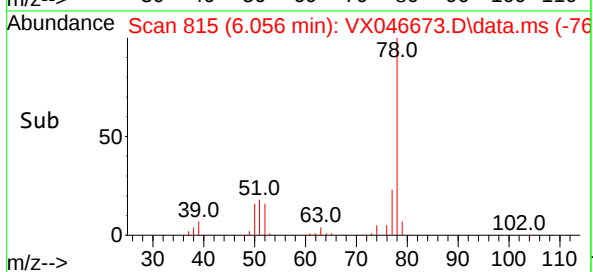
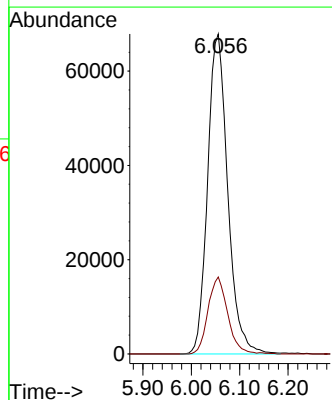
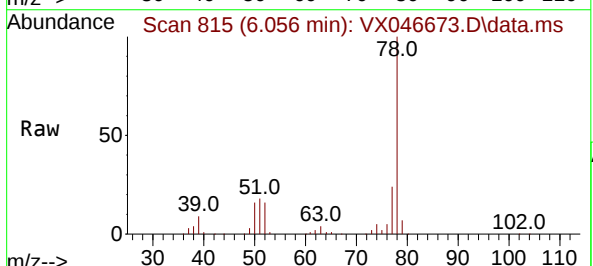
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Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#40
Benzene
Concen: 53.703 ug/l
RT: 6.056 min Scan# 815
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

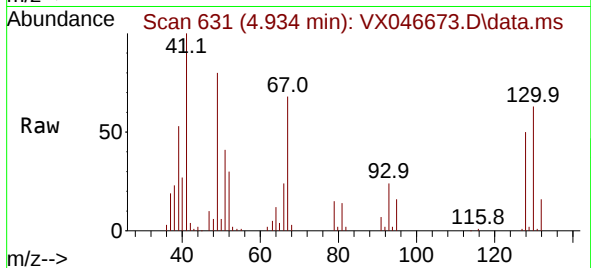
Tgt Ion: 78 Resp: 196085
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.4





#41
Methacrylonitrile
Concen: 59.581 ug/l
RT: 4.934 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

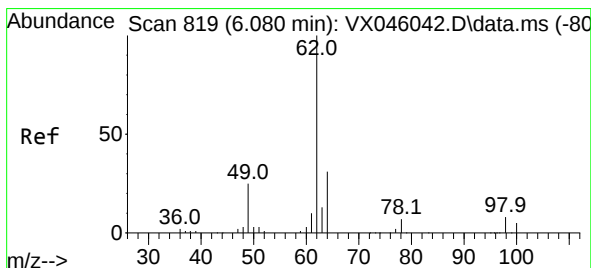
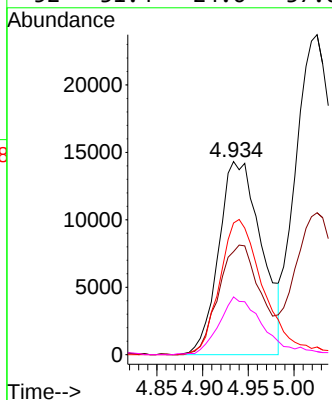
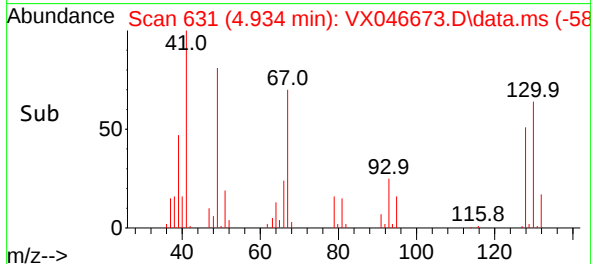
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 46830
Ion Ratio Lower Upper
41 100
39 54.4 47.2 70.8
67 72.6 50.7 76.1
52 31.4 24.6 37.0

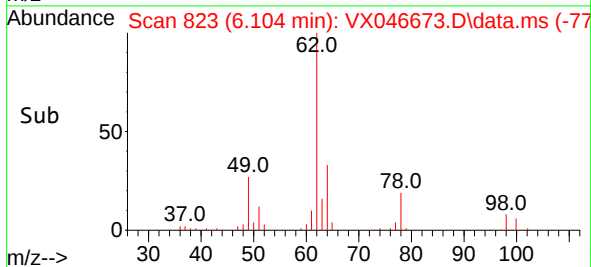
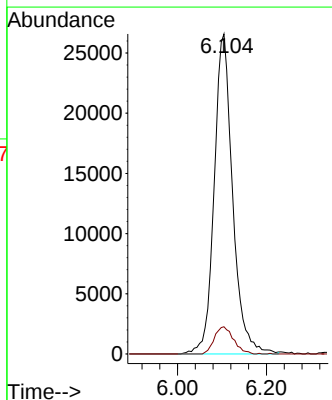
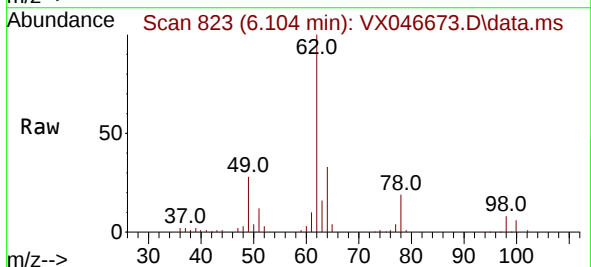
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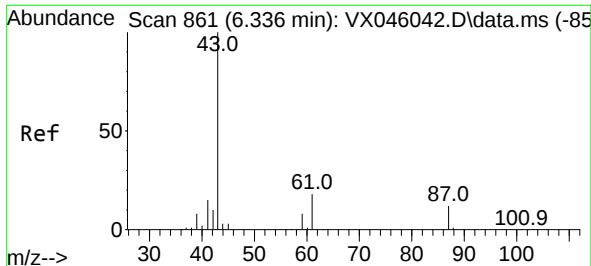
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#42
1,2-Dichloroethane
Concen: 50.442 ug/l
RT: 6.104 min Scan# 823
Delta R.T. 0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

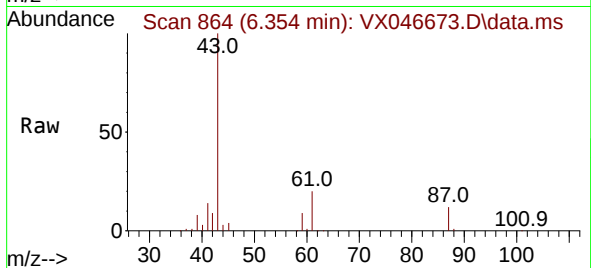
Tgt Ion: 62 Resp: 76622
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 59.392 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

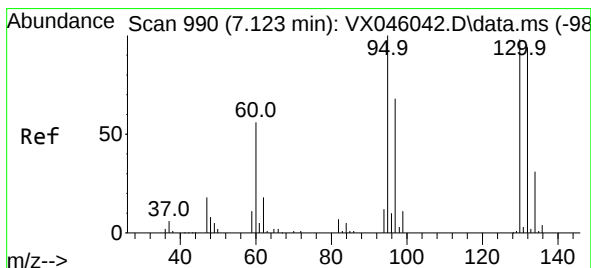
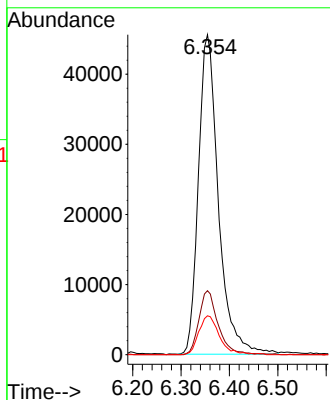
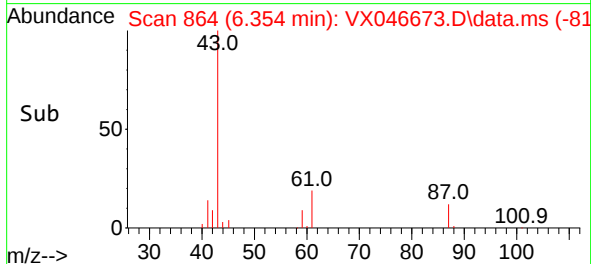
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 13106
Ion Ratio Lower Upper
43 100
61 19.3 14.3 21.5
87 12.5 9.5 14.3

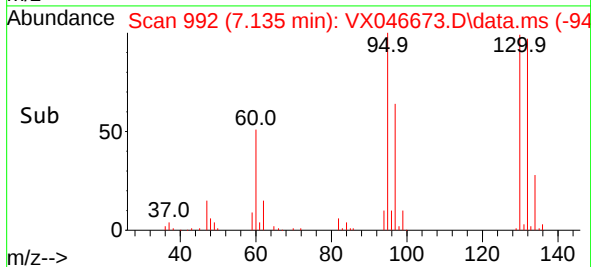
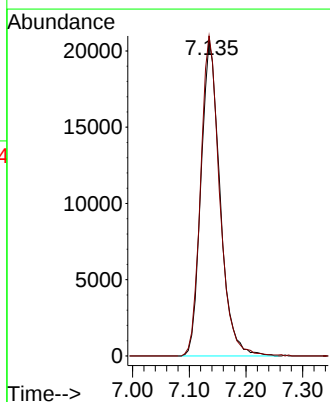
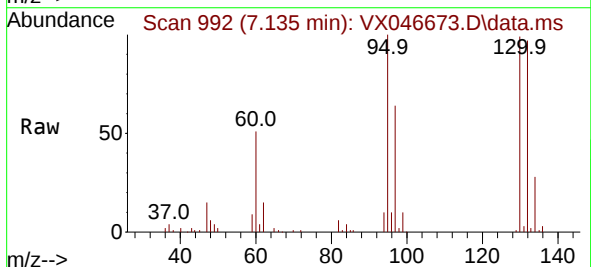
Manual Integrations
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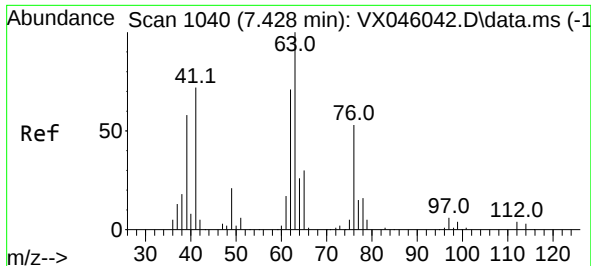
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#44
Trichloroethene
Concen: 51.927 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

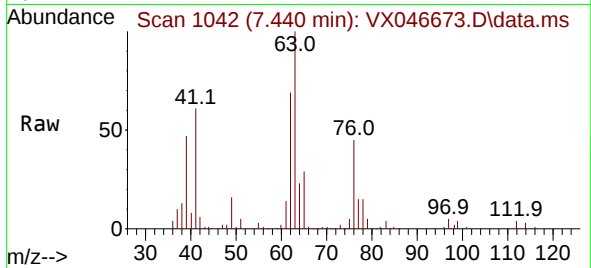
Tgt Ion:130 Resp: 48175
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.2





#45
1,2-Dichloropropane
Concen: 55.959 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

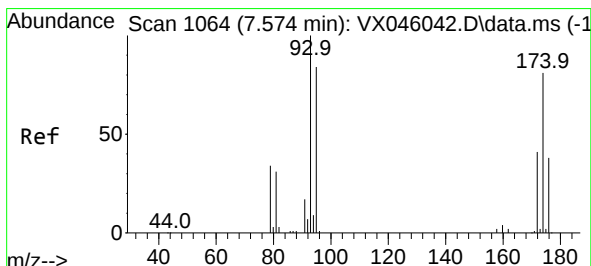
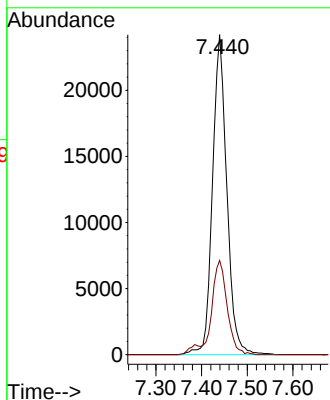
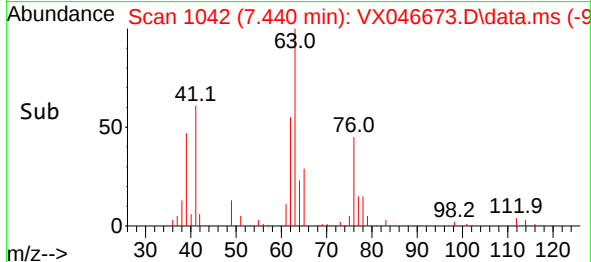
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



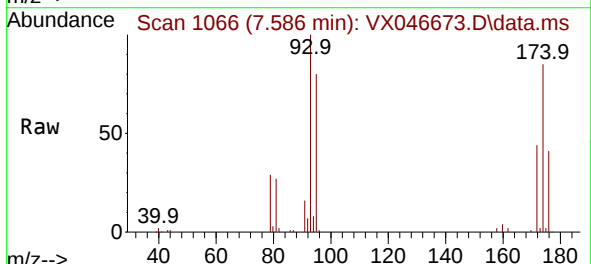
Tgt Ion: 63 Resp: 52739
Ion Ratio Lower Upper
63 100
65 29.4 24.1 36.1

Manual Integrations
APPROVED

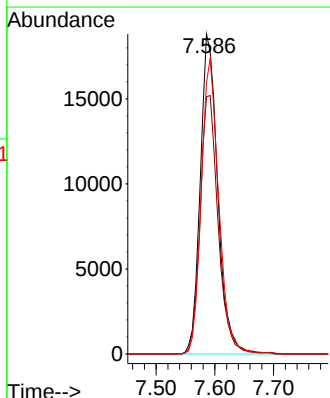
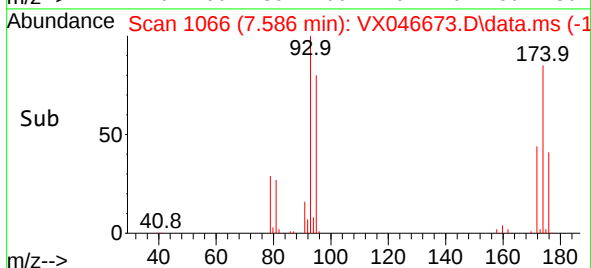
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

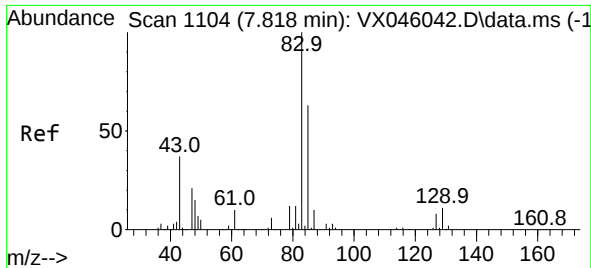


#46
Dibromomethane
Concen: 54.877 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



Tgt Ion: 93 Resp: 38908
Ion Ratio Lower Upper
93 100
95 82.9 65.6 98.4
174 92.1 68.2 102.2





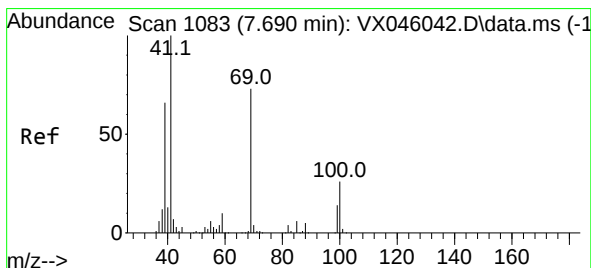
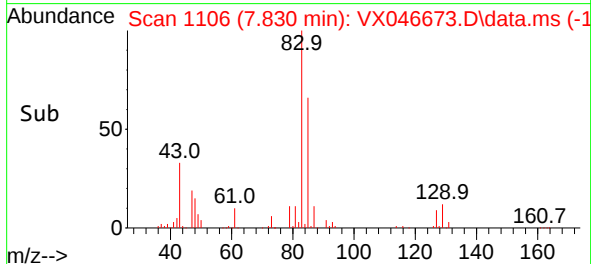
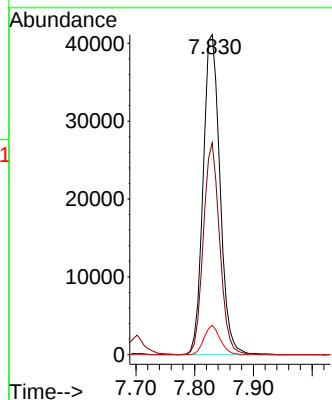
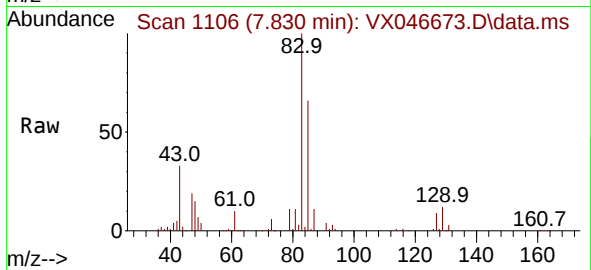
#47
Bromodichloromethane
Concen: 56.071 ug/l
RT: 7.830 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 8174
Ion Ratio Lower Upper
83 100
85 66.2 50.5 75.7
127 9.2 6.5 9.7

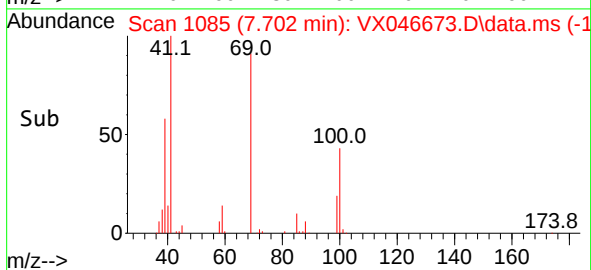
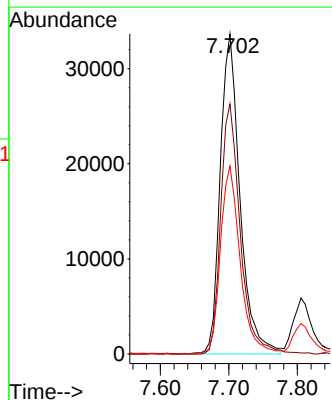
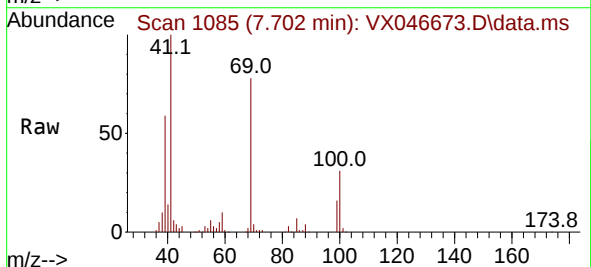
Manual Integrations
APPROVED

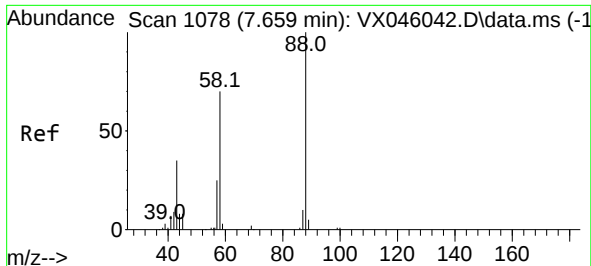
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#48
Methyl methacrylate
Concen: 59.238 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

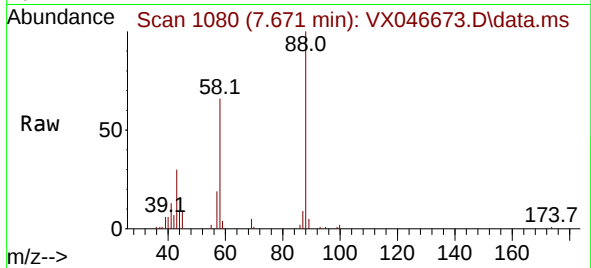
Tgt Ion: 41 Resp: 67261
Ion Ratio Lower Upper
41 100
69 77.3 58.5 87.7
39 58.4 51.7 77.5





#49
1,4-Dioxane
Concen: 1381.917 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

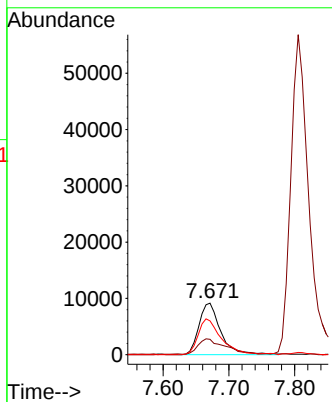
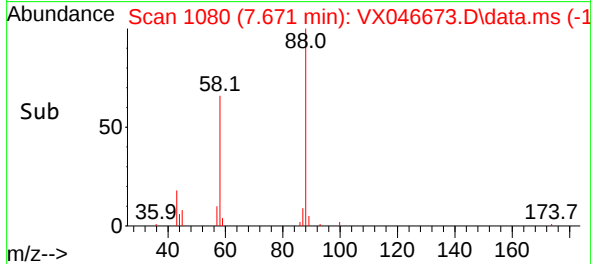
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 20983
Ion Ratio Lower Upper
88 100
43 40.4 33.4 50.2
58 72.8 58.6 88.0

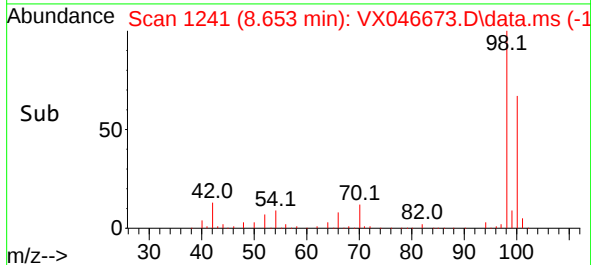
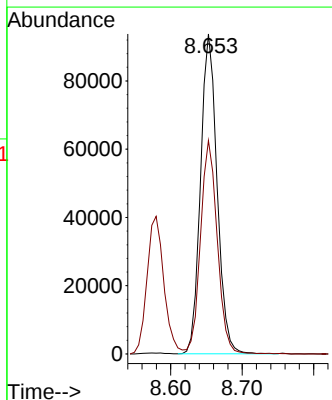
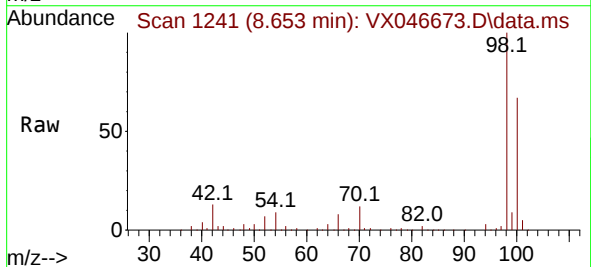
Manual Integrations
APPROVED

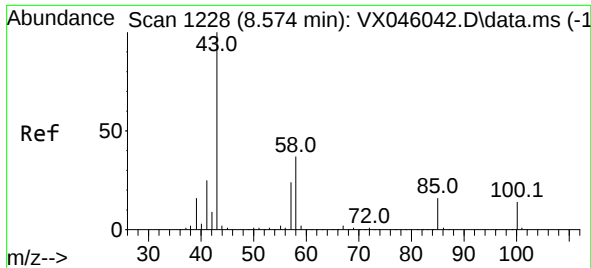
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#50
Toluene-d8
Concen: 50.240 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

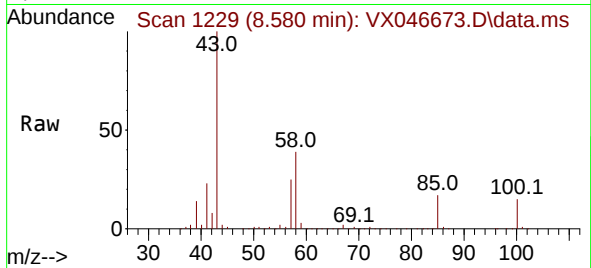
Tgt Ion: 98 Resp: 150396
Ion Ratio Lower Upper
98 100
100 67.8 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 317.977 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.007 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

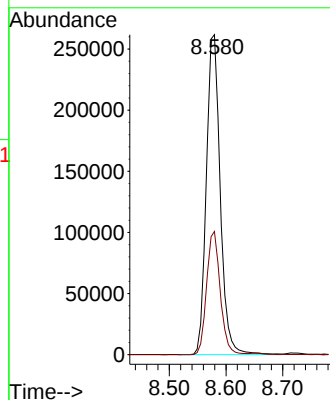
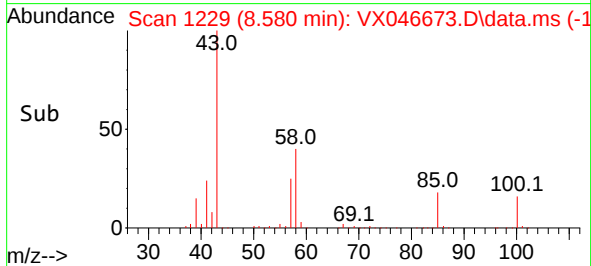
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 445918
Ion Ratio Lower Upper
43 100
58 37.7 28.9 43.3

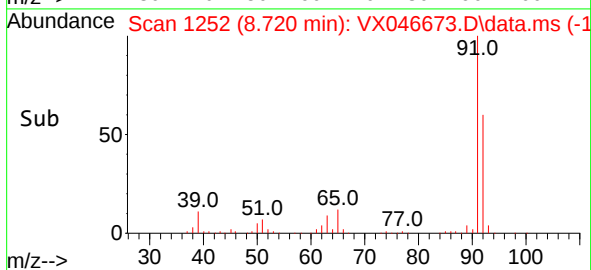
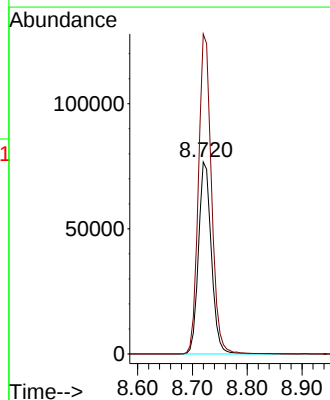
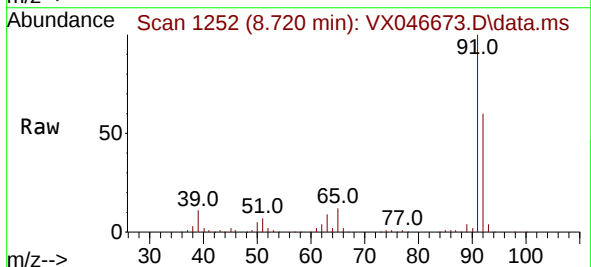
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#52
Toluene
Concen: 55.913 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion: 92 Resp: 125423
Ion Ratio Lower Upper
92 100
91 168.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 56.634 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 74020

Ion Ratio Lower Upper

75 100

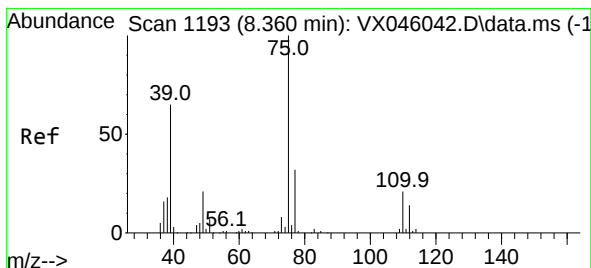
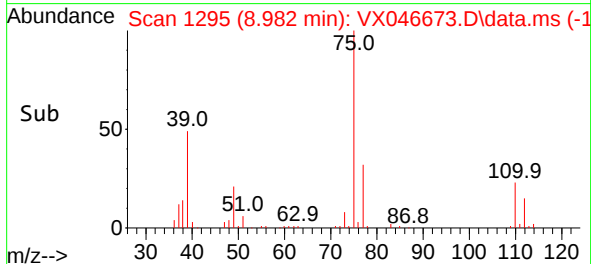
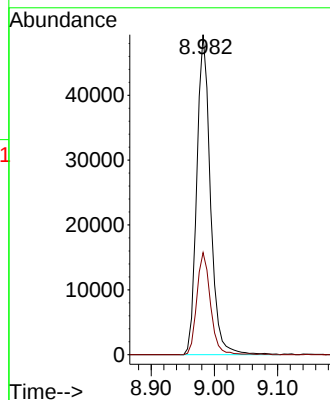
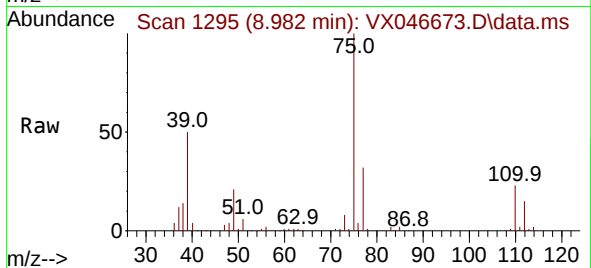
77 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#54

cis-1,3-Dichloropropene

Concen: 55.582 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

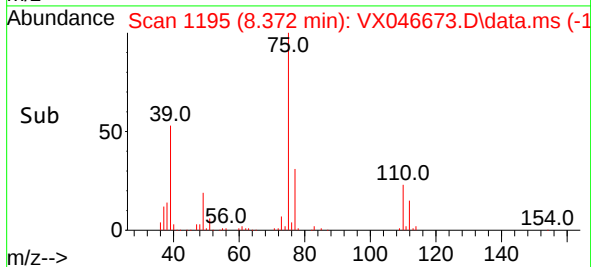
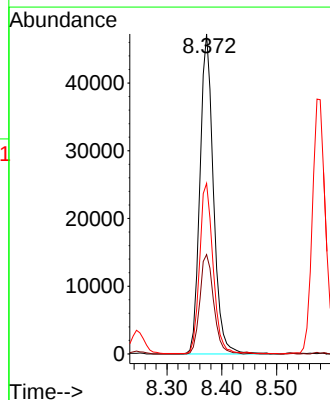
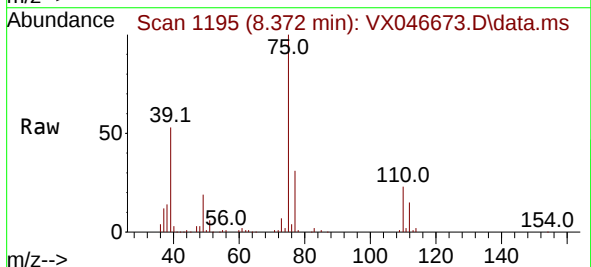
Tgt Ion: 75 Resp: 80777

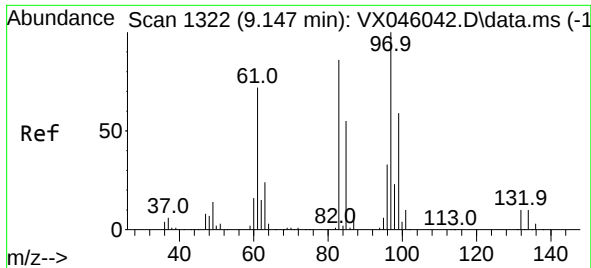
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

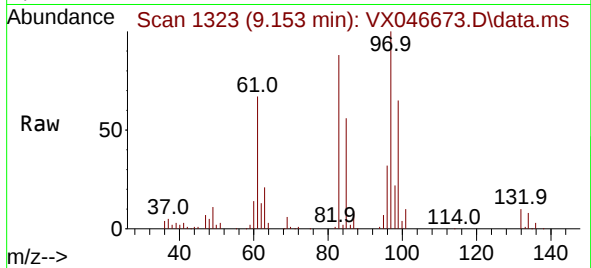
39 53.3 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 60.047 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

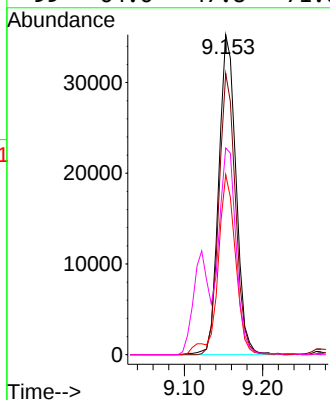
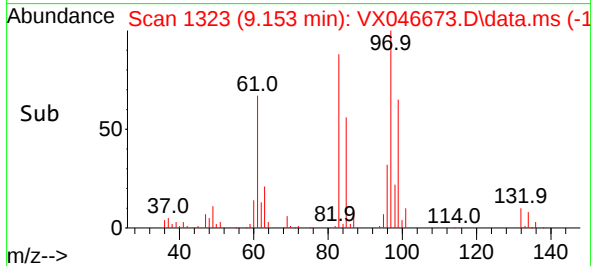
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



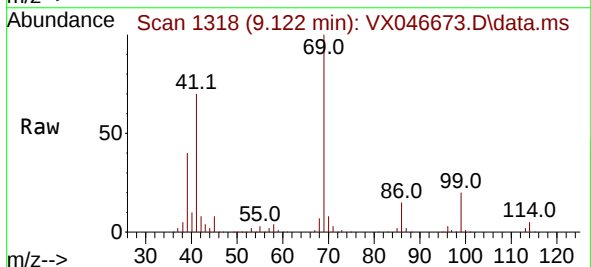
Tgt Ion: 97 Resp: 54074
Ion Ratio Lower Upper
97 100
83 87.9 69.0 103.6
85 56.3 44.3 66.5
99 64.6 47.8 71.6

Manual Integrations
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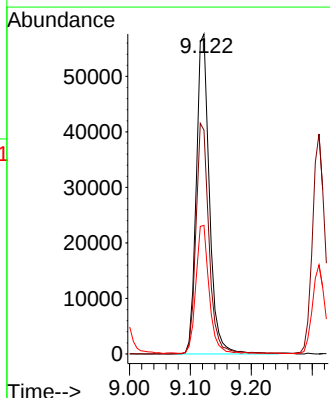
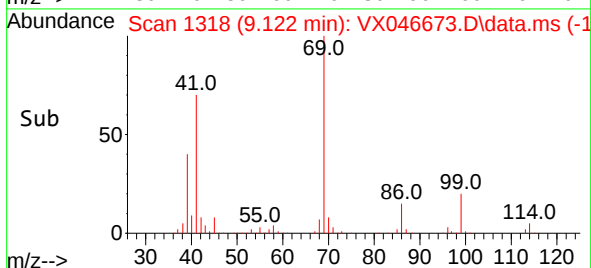
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

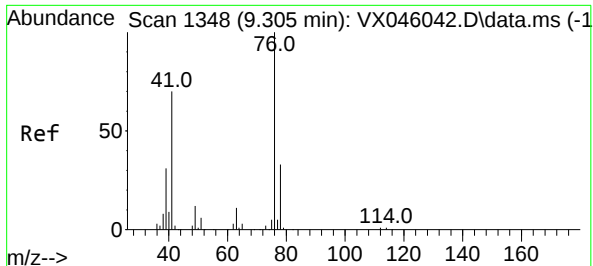


#56
Ethyl methacrylate
Concen: 62.267 ug/l
RT: 9.122 min Scan# 1318
Delta R.T. 0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



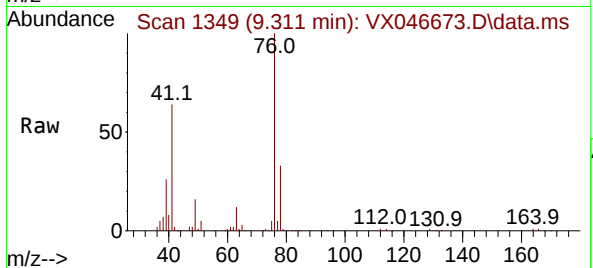
Tgt Ion: 69 Resp: 86288
Ion Ratio Lower Upper
69 100
41 72.1 60.8 91.2
39 40.5 39.0 58.6





#57
1,3-Dichloropropane
Concen: 56.360 ug/l
RT: 9.311 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

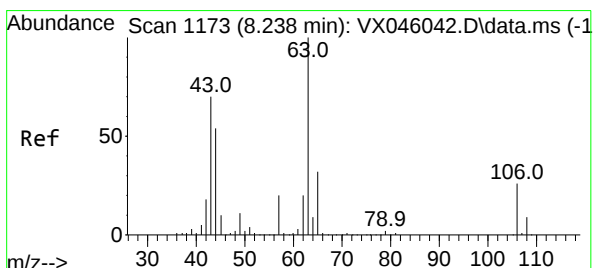
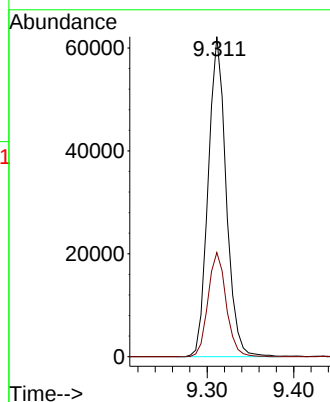
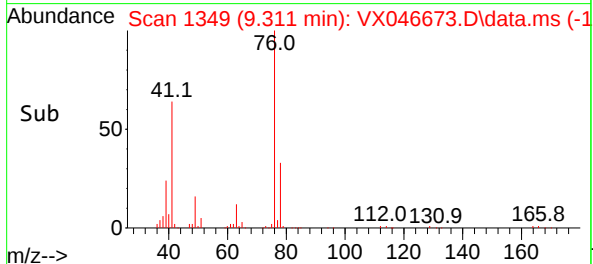
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 89692
Ion Ratio Lower Upper
76 100
78 32.8 26.3 39.5

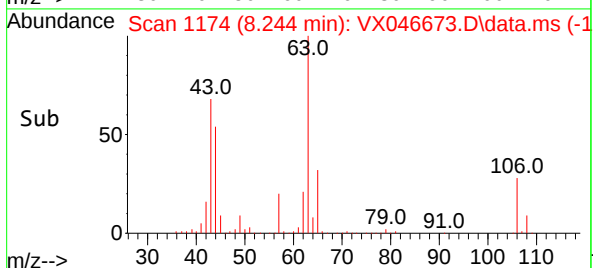
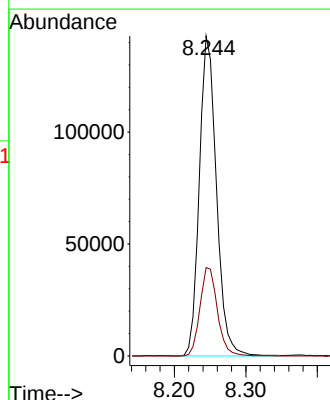
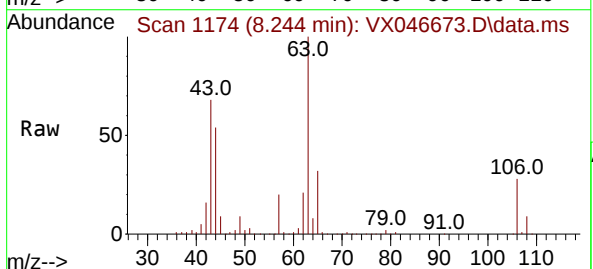
Manual Integrations
APPROVED

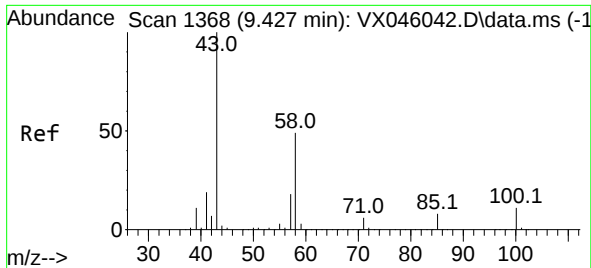
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#58
2-Chloroethyl Vinyl ether
Concen: 314.139 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

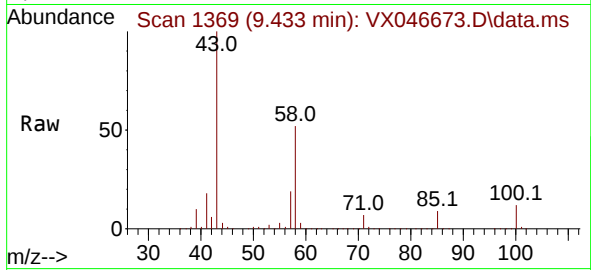
Tgt Ion: 63 Resp: 237120
Ion Ratio Lower Upper
63 100
106 28.1 21.5 32.3





#59
2-Hexanone
Concen: 326.032 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

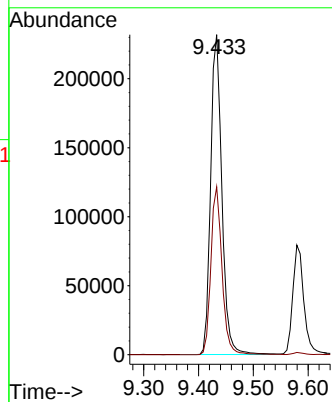
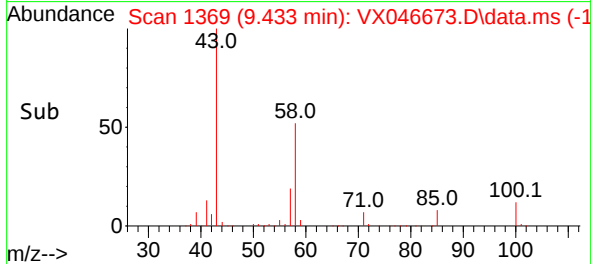
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 32790
Ion Ratio Lower Upper
43 100
58 52.1 24.9 74.6

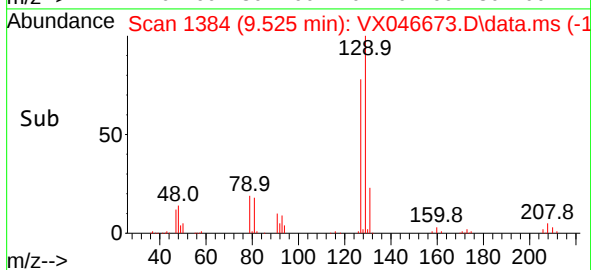
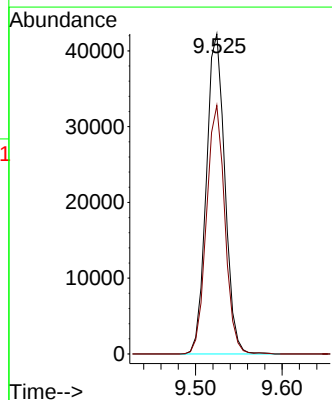
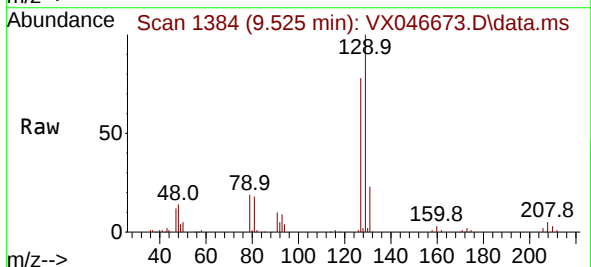
Manual Integrations
APPROVED

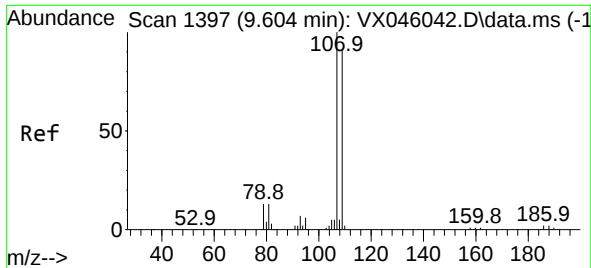
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#60
Dibromochloromethane
Concen: 59.166 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion:129 Resp: 62672
Ion Ratio Lower Upper
129 100
127 77.2 39.3 117.8





#61
1,2-Dibromoethane
Concen: 56.583 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

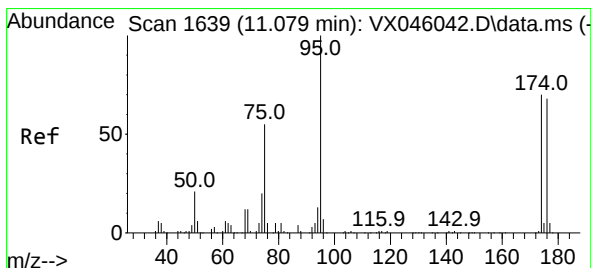
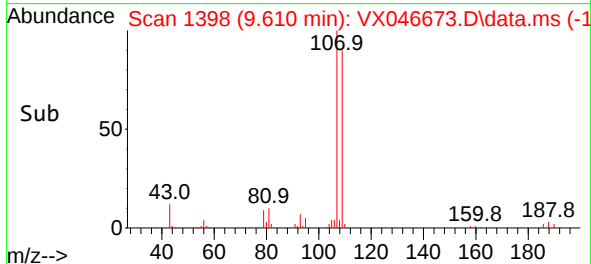
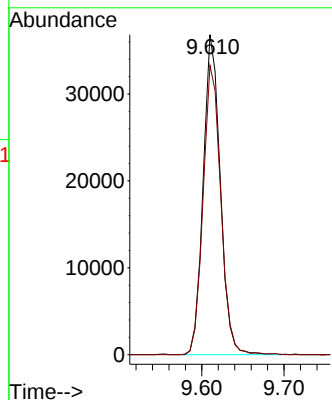
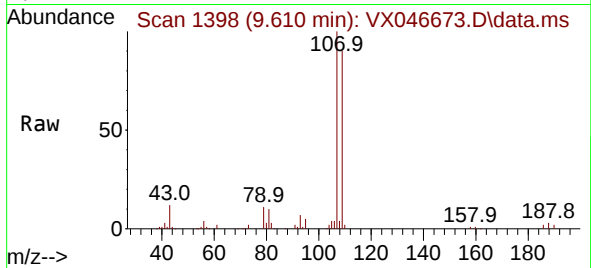
VSTDCCC050EC

Tgt Ion:107 Resp: 5309
Ion Ratio Lower Upper
107 100
109 93.7 73.3 109.9

Manual Integrations

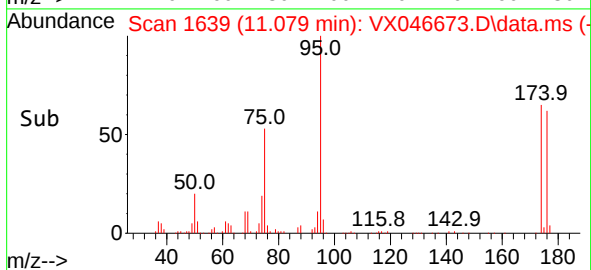
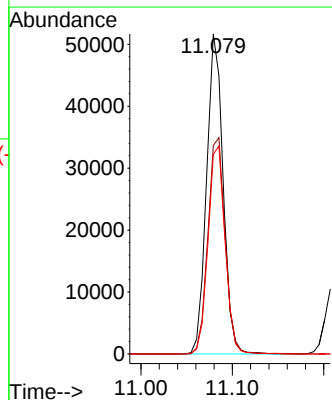
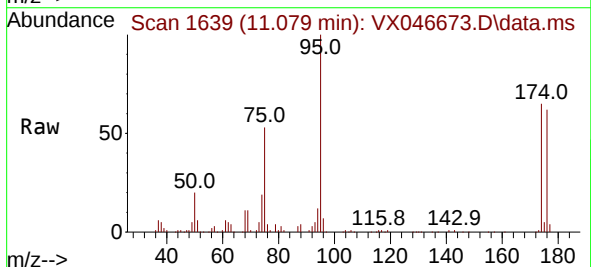
APPROVED

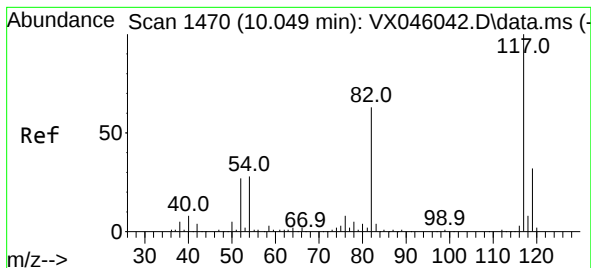
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#62
4-Bromofluorobenzene
Concen: 52.168 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion: 95 Resp: 64613
Ion Ratio Lower Upper
95 100
174 70.7 0.0 135.8
176 67.3 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1470

Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 11093

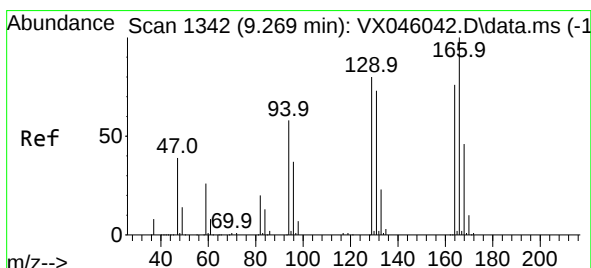
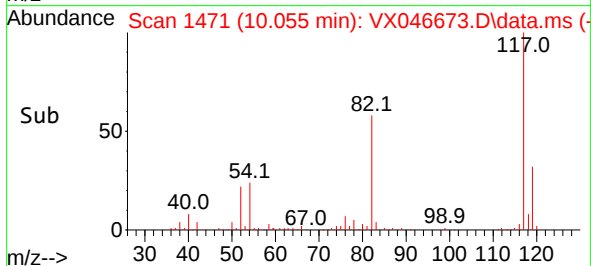
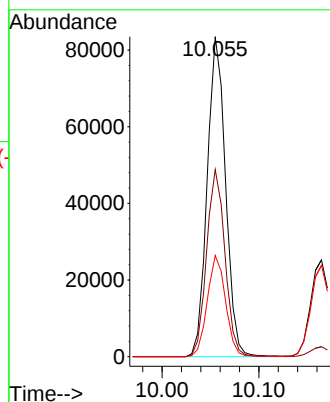
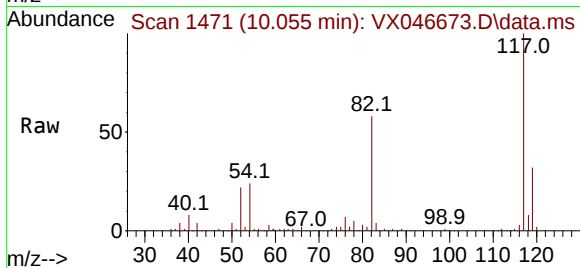
Ion	Ratio	Lower	Upper
117	100		
82	58.4	50.6	76.0
119	31.6	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#64

Tetrachloroethene

Concen: 52.147 ug/l

RT: 9.275 min Scan# 1343

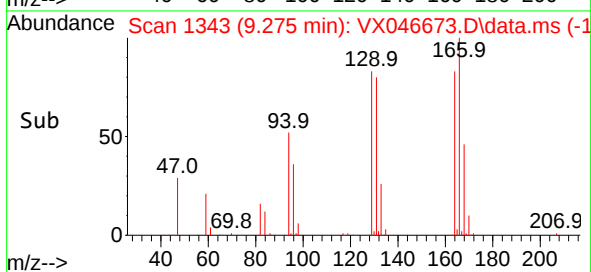
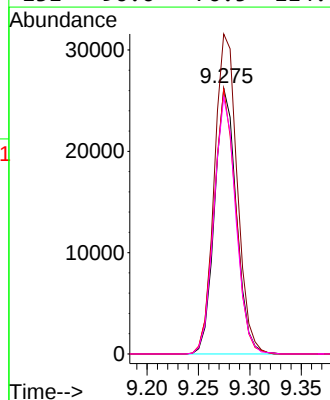
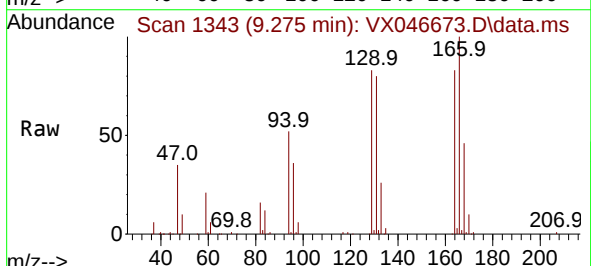
Delta R.T. -0.000 min

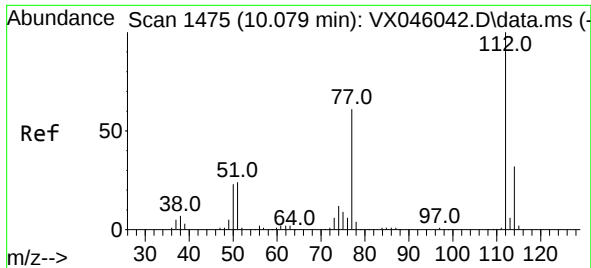
Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Tgt Ion:164 Resp: 38390

Ion	Ratio	Lower	Upper
164	100		
166	120.4	105.0	157.6
129	99.7	83.5	125.3
131	96.6	76.5	114.7





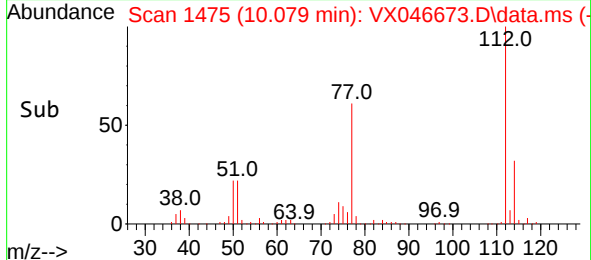
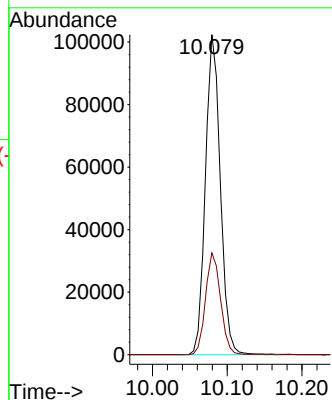
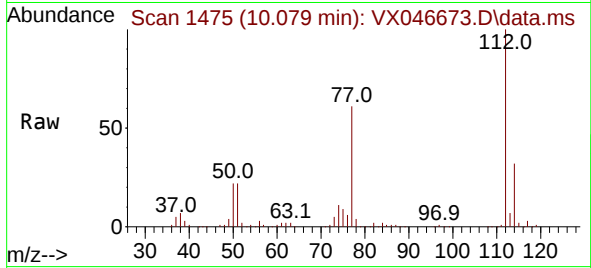
#65
Chlorobenzene
Concen: 54.724 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 14169
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.2

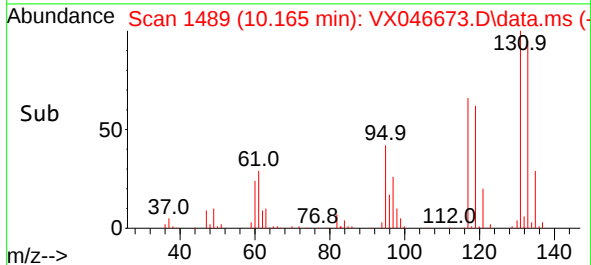
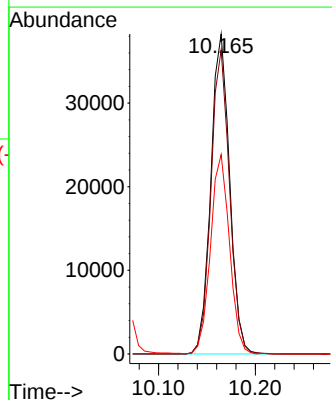
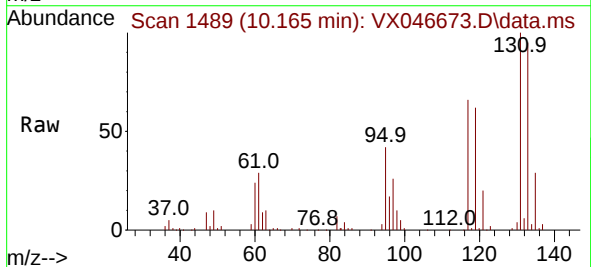
Manual Integrations
APPROVED

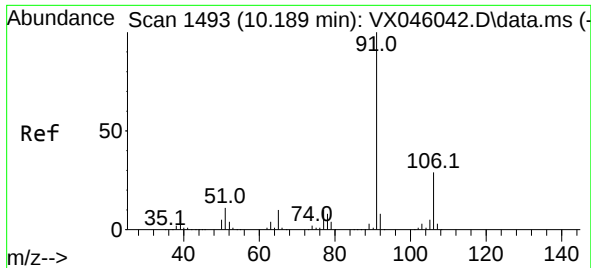
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 59.100 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

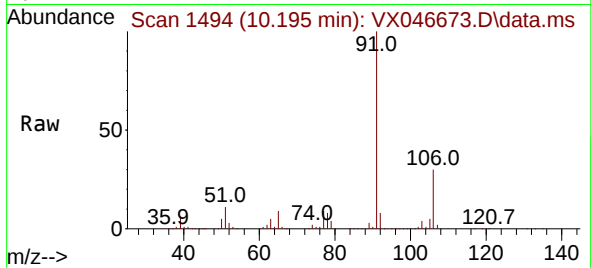
Tgt Ion:131 Resp: 51710
Ion Ratio Lower Upper
131 100
133 94.1 47.3 141.9
119 63.0 31.6 95.0





#67
Ethyl Benzene
Concen: 54.129 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

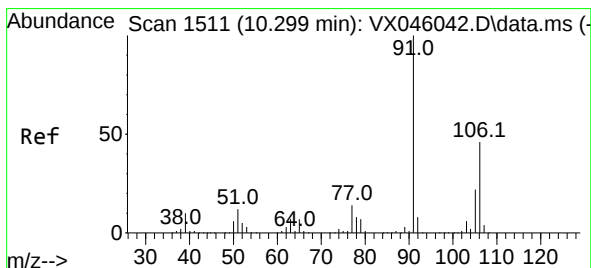
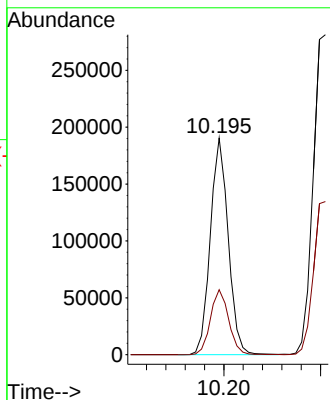
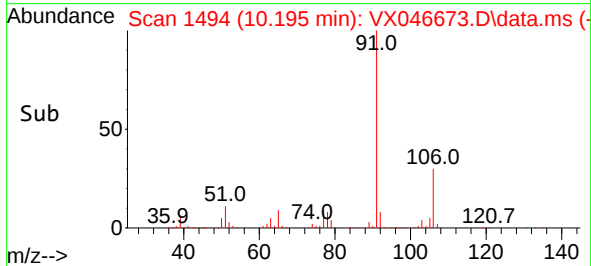
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 244675
Ion Ratio Lower Upper
91 100
106 29.9 23.4 35.2

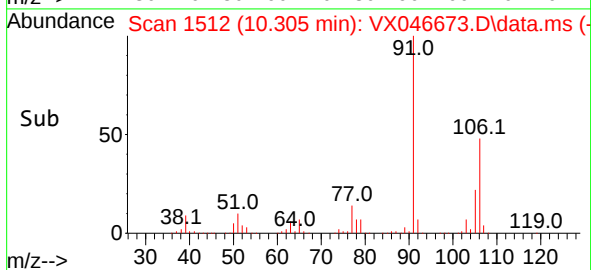
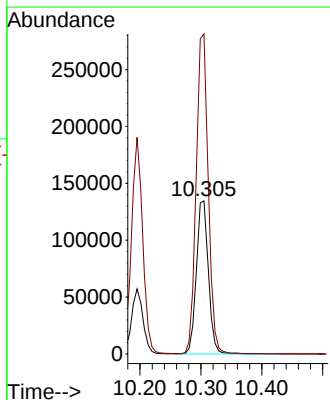
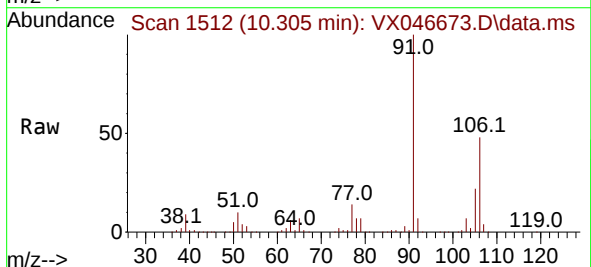
Manual Integrations
APPROVED

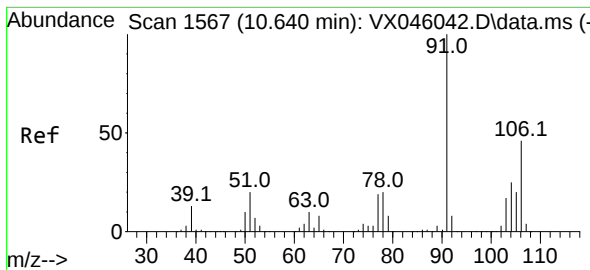
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#68
m/p-Xylenes
Concen: 112.437 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion:106 Resp: 184363
Ion Ratio Lower Upper
106 100
91 209.8 171.2 256.8





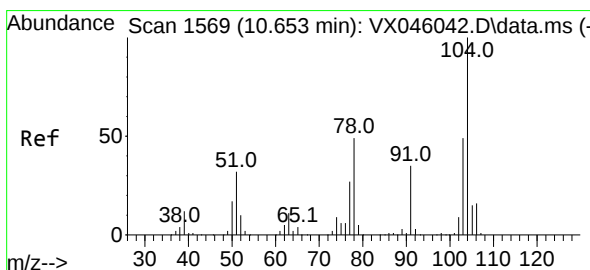
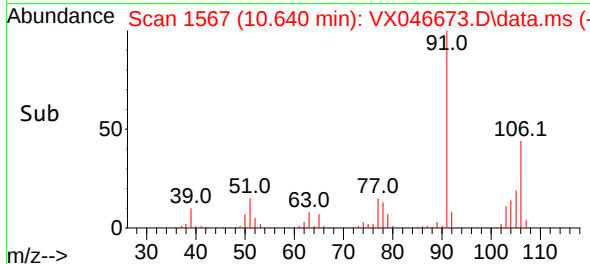
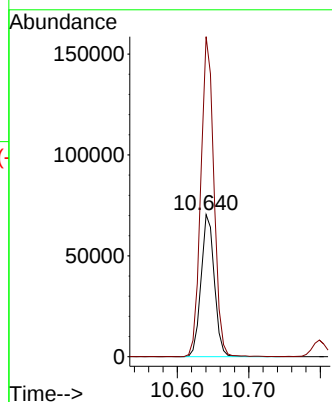
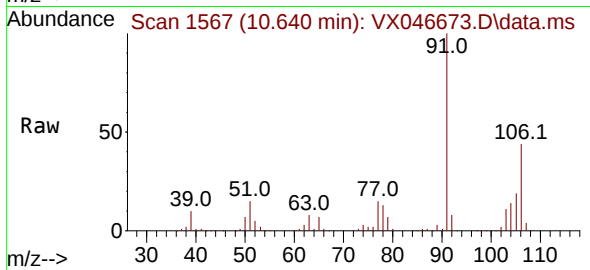
#69
o-Xylene
Concen: 57.186 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 90690
Ion Ratio Lower Upper
106 100
91 222.5 112.7 338.1

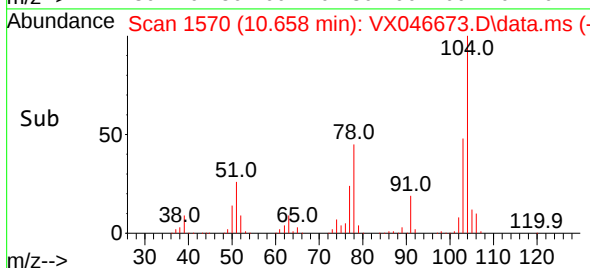
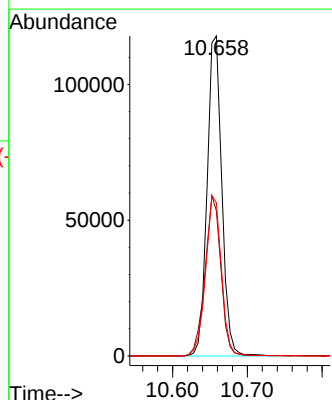
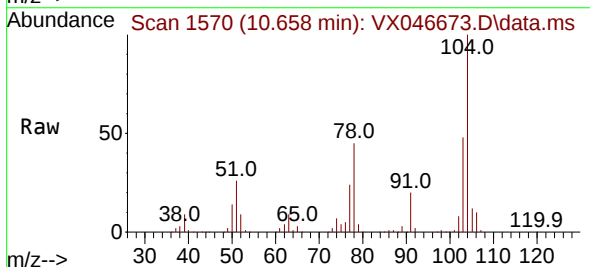
Manual Integrations
APPROVED

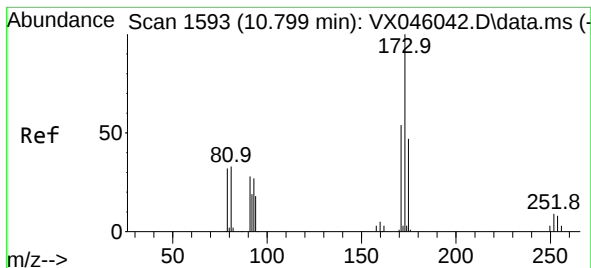
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#70
Styrene
Concen: 59.277 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

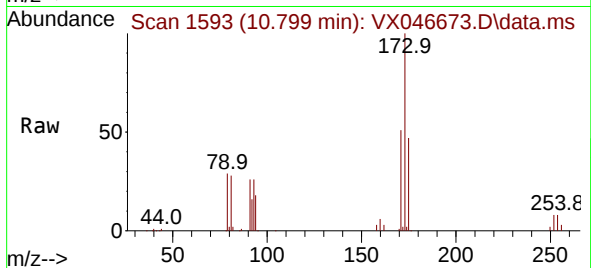
Tgt Ion:104 Resp: 160931
Ion Ratio Lower Upper
104 100
78 53.8 45.7 68.5
103 54.0 43.7 65.5





#71
Bromoform
Concen: 62.543 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

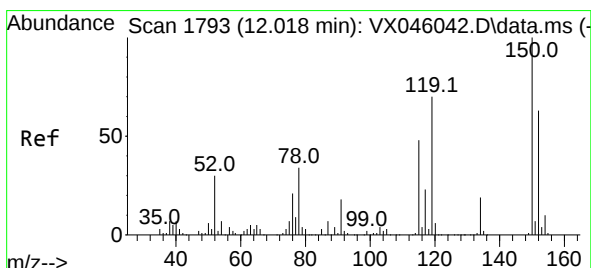
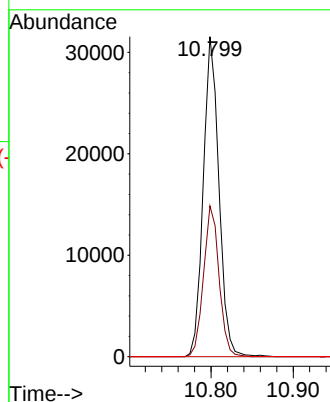
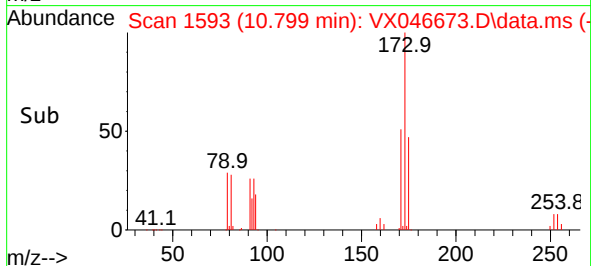
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



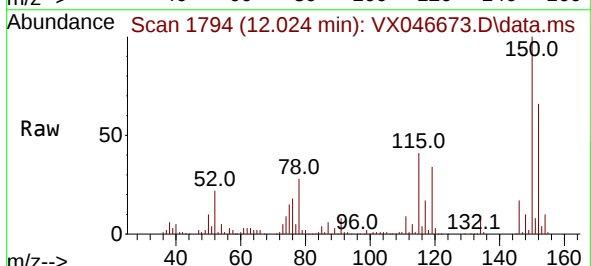
Tgt Ion:173 Resp: 41725
Ion Ratio Lower Upper
173 100
175 46.7 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

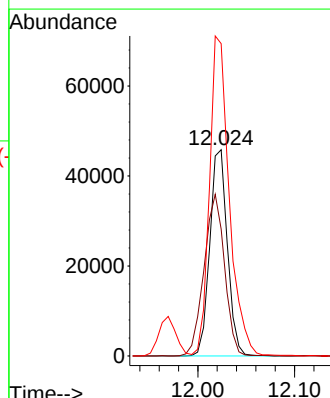
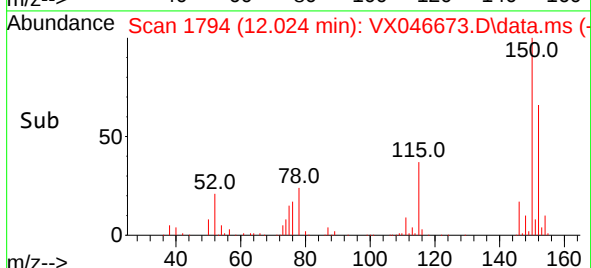
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

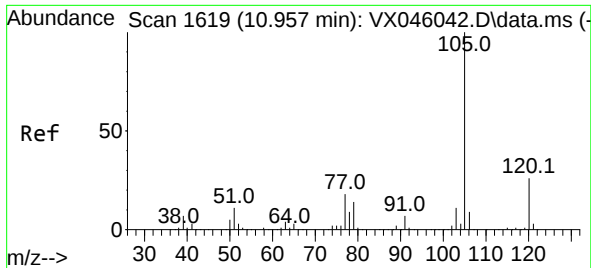


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



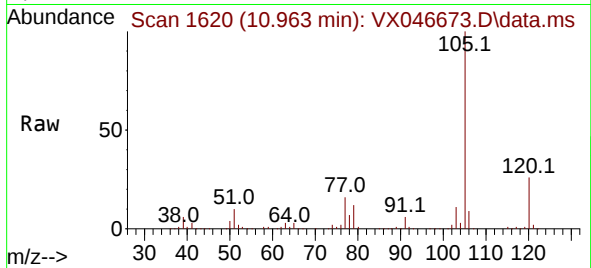
Tgt Ion:152 Resp: 57920
Ion Ratio Lower Upper
152 100
115 91.7 46.9 140.7
150 174.7 0.0 351.0





#73
Isopropylbenzene
Concen: 53.961 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

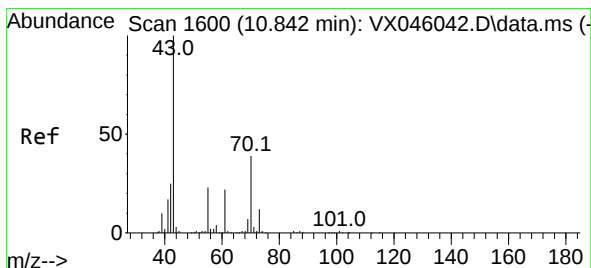
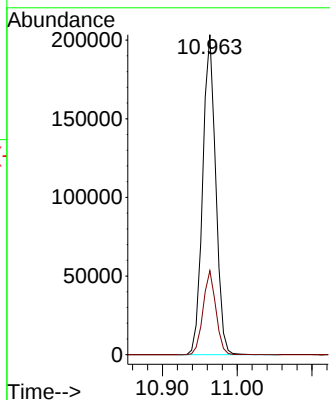
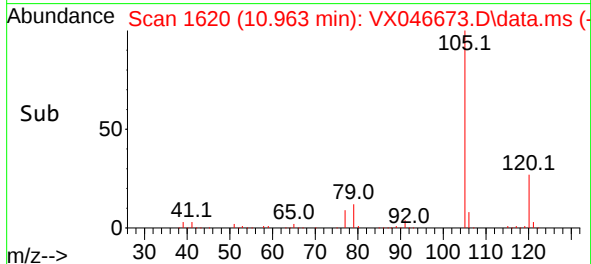
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 245690
Ion Ratio Lower Upper
105 100
120 25.8 12.8 38.4

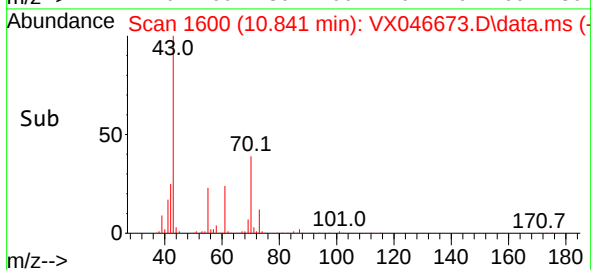
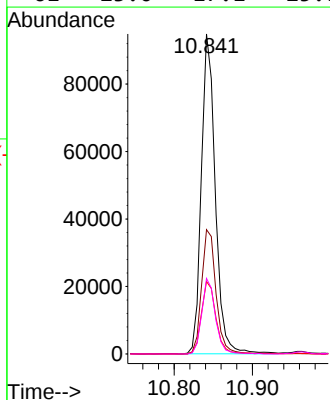
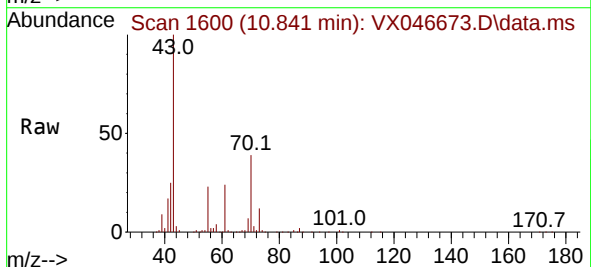
Manual Integrations
APPROVED

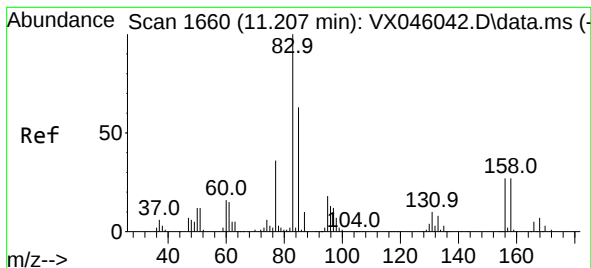
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#74
N-ethyl acetate
Concen: 58.569 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

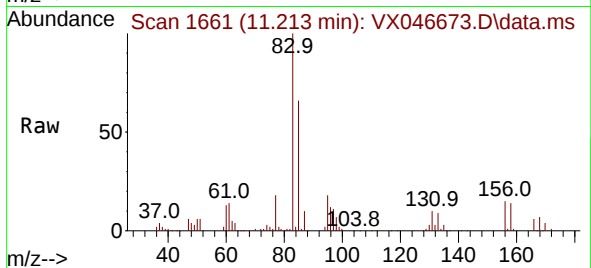
Tgt Ion: 43 Resp: 117434
Ion Ratio Lower Upper
43 100
70 40.0 30.9 46.3
55 23.6 18.7 28.1
61 23.0 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 59.424 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

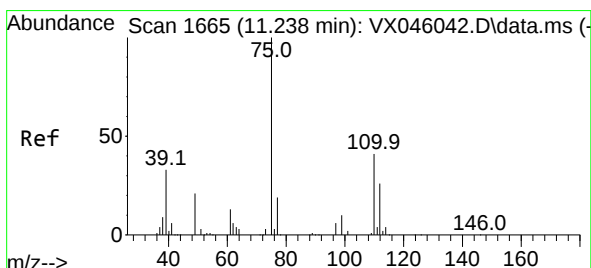
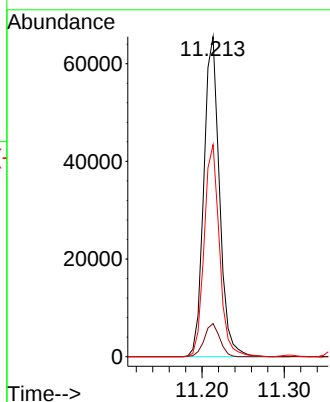
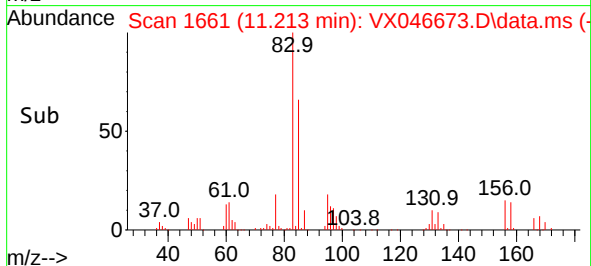
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



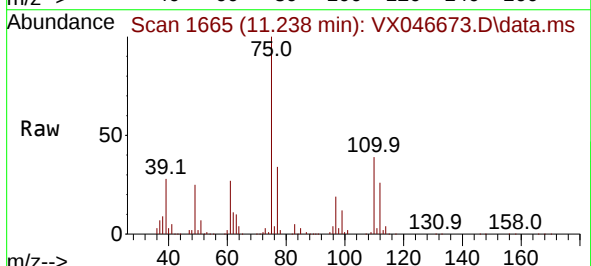
Tgt Ion: 83 Resp: 8660
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.8 31.9 95.7

Manual Integrations
APPROVED

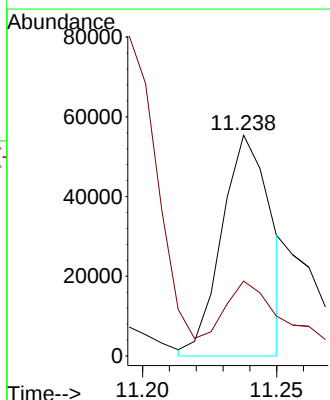
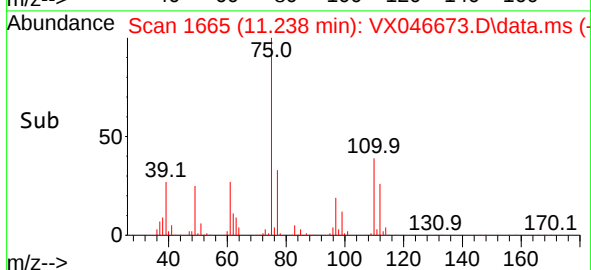
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

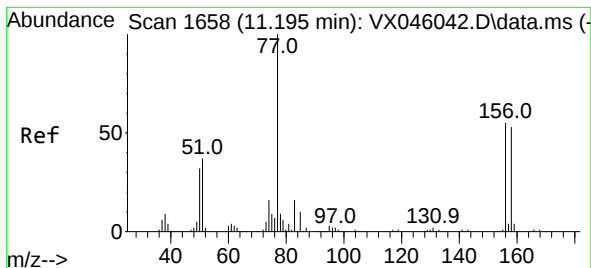


#76
1,2,3-Trichloropropane
Concen: 57.260 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



Tgt Ion: 75 Resp: 70248
Ion Ratio Lower Upper
75 100
77 44.4 20.5 61.5





#77

Bromobenzene

Concen: 54.741 ug/l

RT: 11.195 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

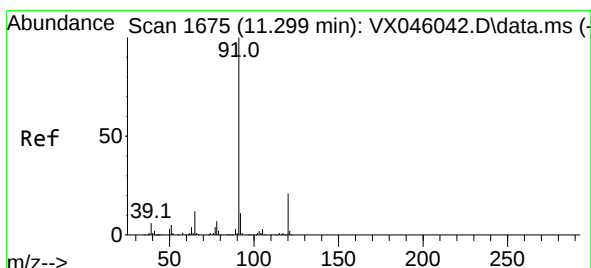
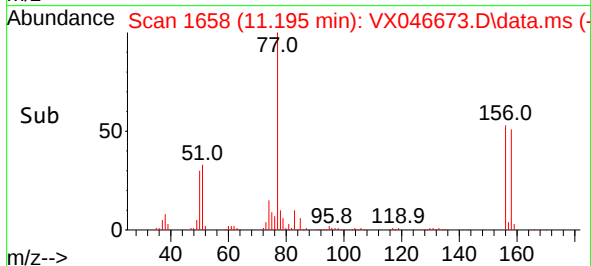
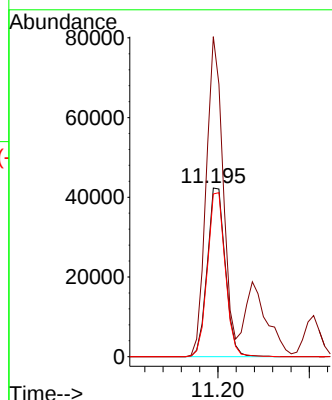
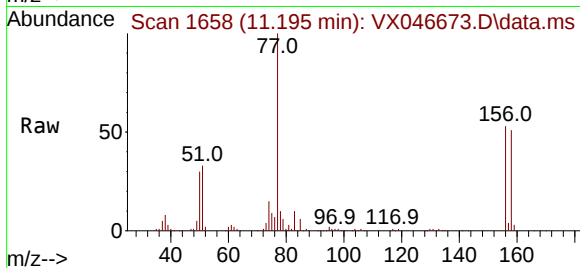
Tgt Ion:	156	Resp:	5785
Ion Ratio	Lower	Upper	
156	100		
77	177.8	92.8	278.3
158	96.1	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#78

n-propylbenzene

Concen: 52.939 ug/l

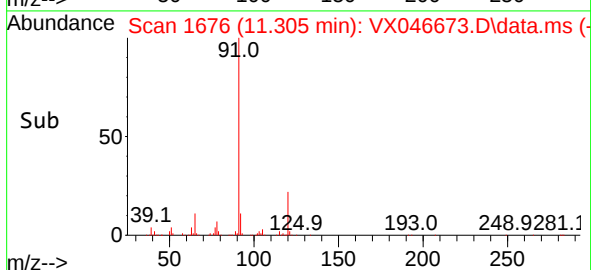
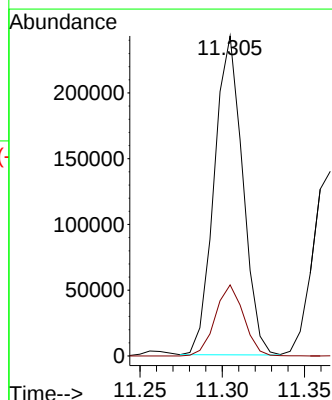
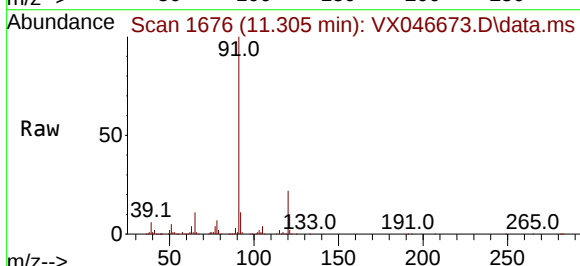
RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Tgt Ion:	91	Resp:	291743
Ion Ratio	Lower	Upper	
91	100		
120	22.2	10.8	32.4





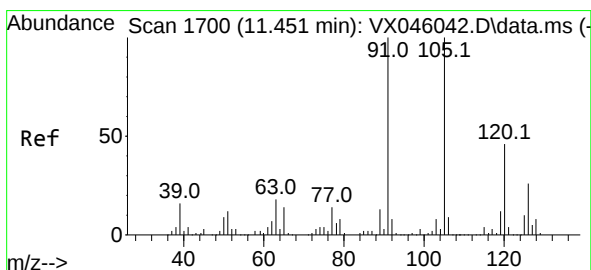
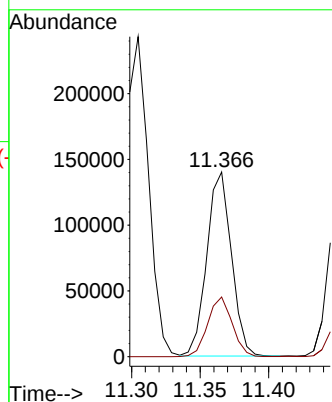
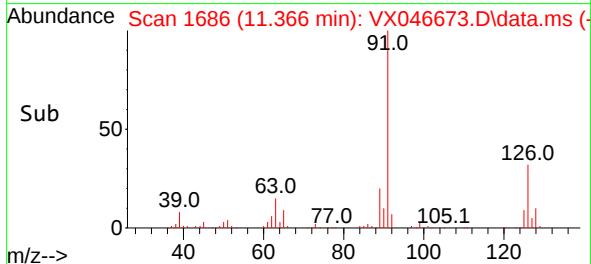
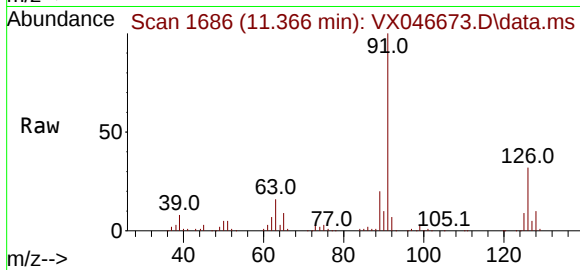
#79
2-Chlorotoluene
Concen: 52.709 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 175162
Ion Ratio Lower Upper
91 100
126 32.3 15.6 46.7

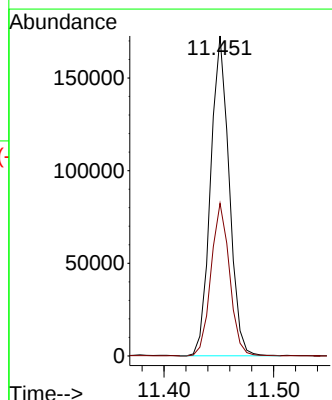
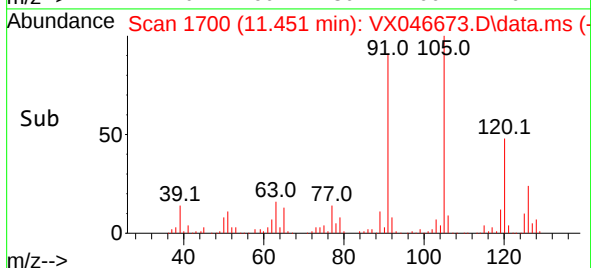
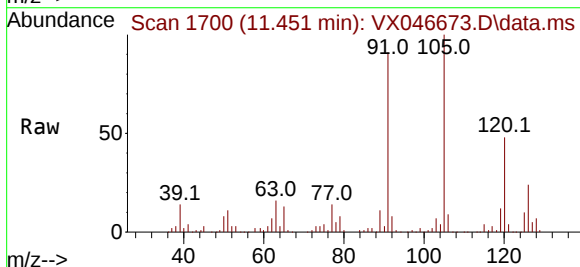
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.479 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

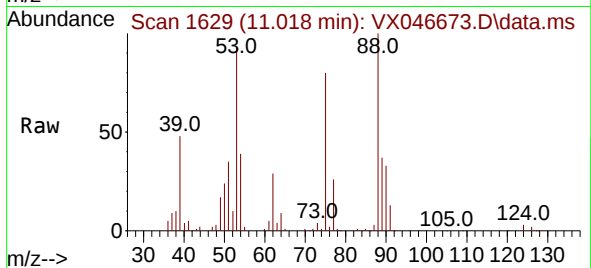
Tgt Ion:105 Resp: 202905
Ion Ratio Lower Upper
105 100
120 47.8 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 58.552 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

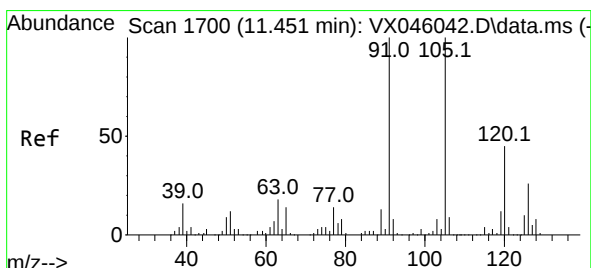
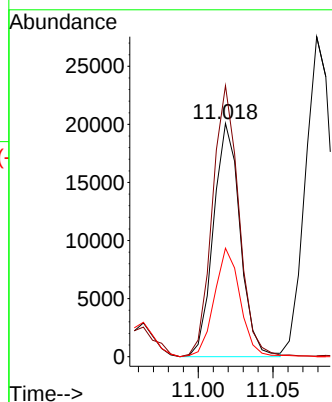
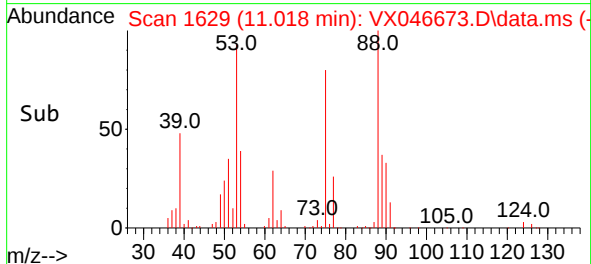
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 2490
Ion Ratio Lower Upper
75 100
53 115.3 100.5 150.7
89 45.3 37.0 55.6

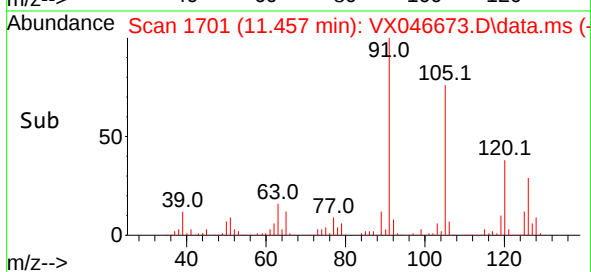
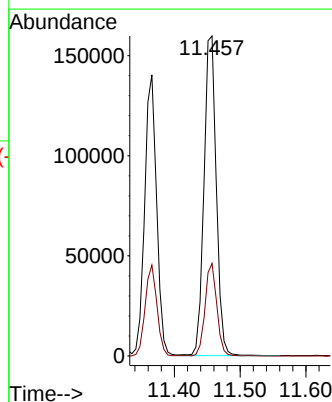
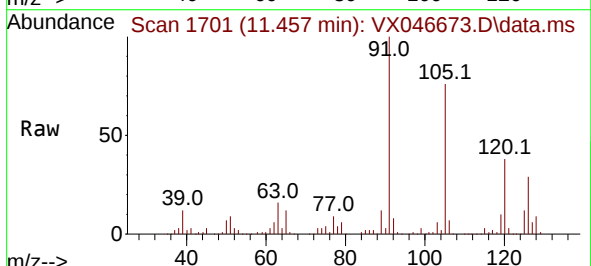
Manual Integrations
APPROVED

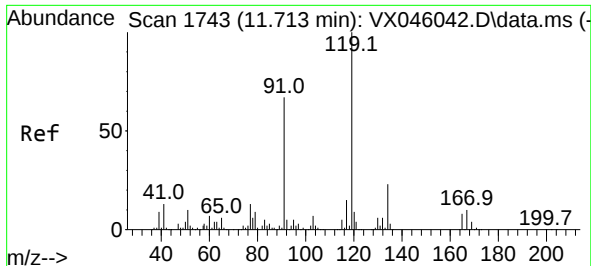
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#82
4-Chlorotoluene
Concen: 52.774 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

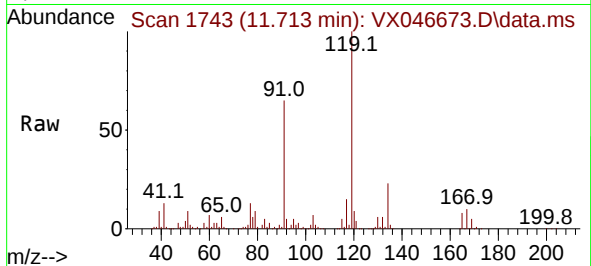
Tgt Ion: 91 Resp: 207877
Ion Ratio Lower Upper
91 100
126 27.7 13.3 39.8





#83
tert-Butylbenzene
Concen: 54.665 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

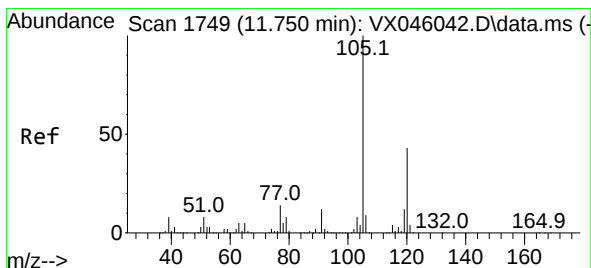
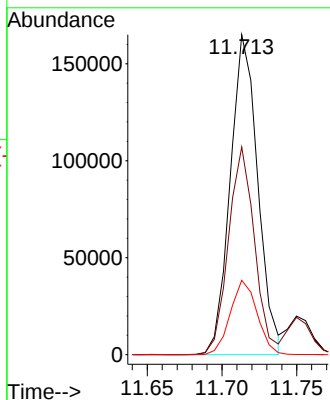
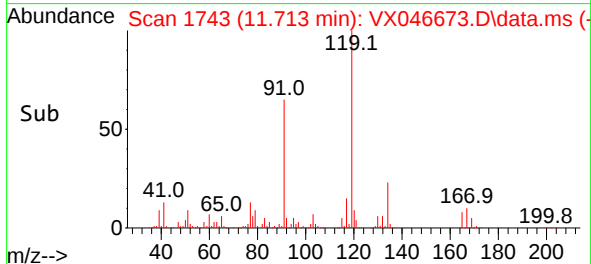
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



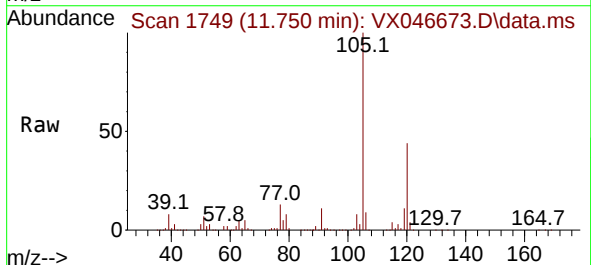
Tgt Ion:119 Resp: 211133
Ion Ratio Lower Upper
119 100
91 61.6 32.9 98.7
134 22.7 11.4 34.1

Manual Integrations
APPROVED

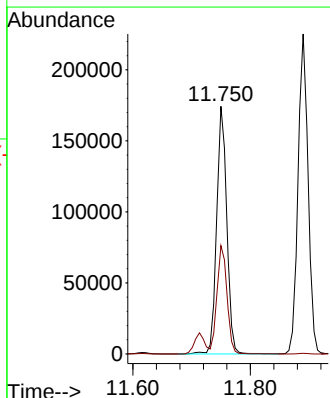
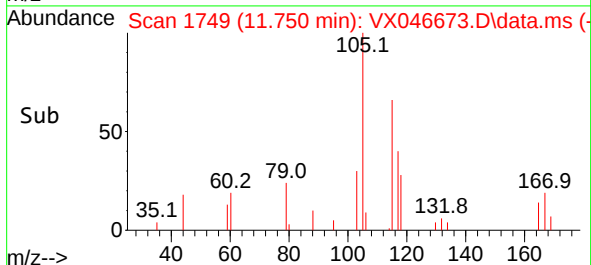
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.275 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



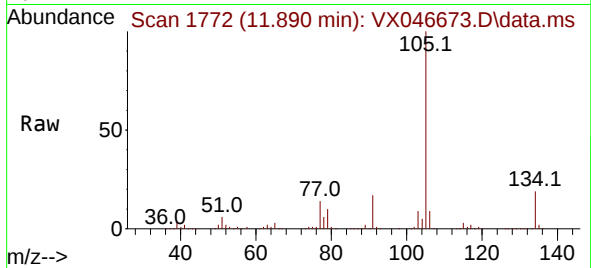
Tgt Ion:105 Resp: 208321
Ion Ratio Lower Upper
105 100
120 43.1 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 53.852 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47

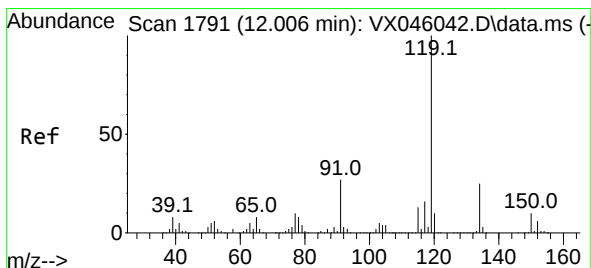
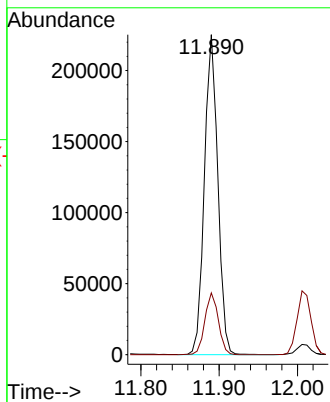
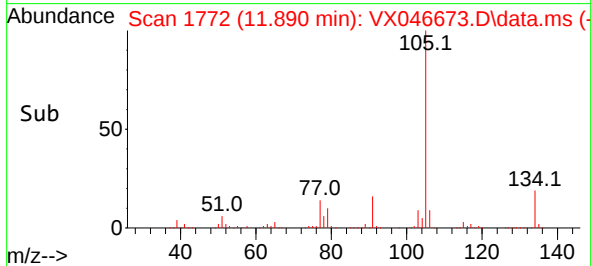
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



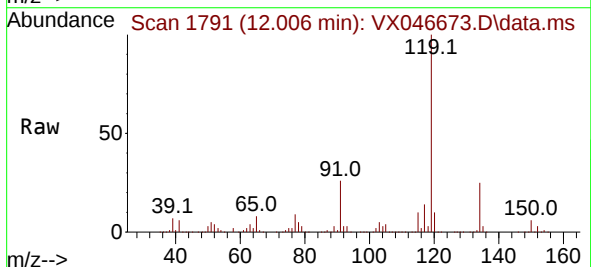
Tgt Ion:105 Resp: 267250
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 29.1

Manual Integrations
 APPROVED

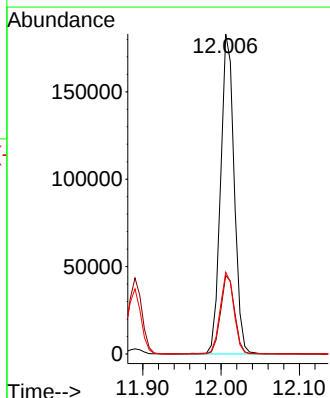
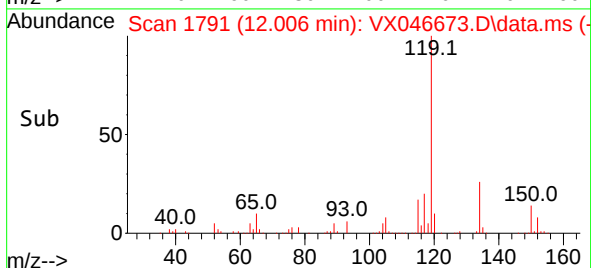
Reviewed By :John Carlone 06/13/2025
 Supervised By :Mahesh Dadoda 06/13/2025



#86
 p-Isopropyltoluene
 Concen: 53.469 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046673.D
 Acq: 12 Jun 2025 18:47



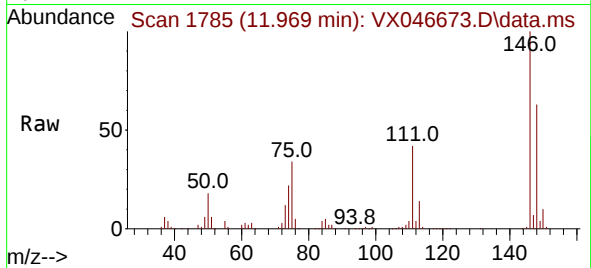
Tgt Ion:119 Resp: 221213
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 25.6 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 53.617 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

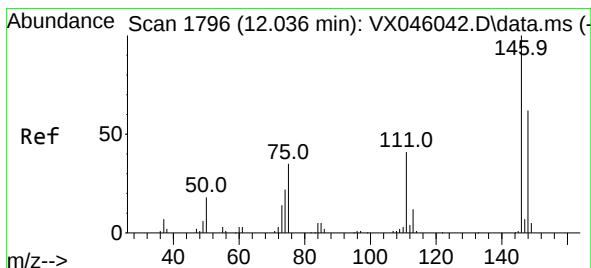
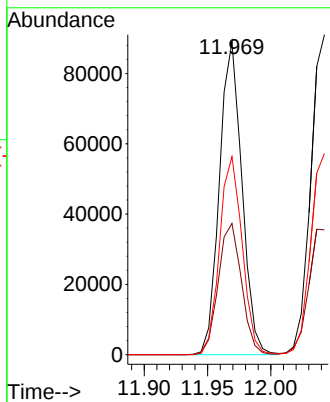
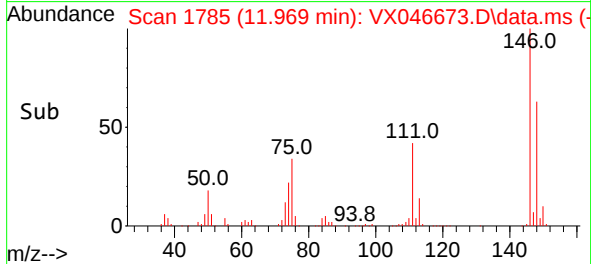
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



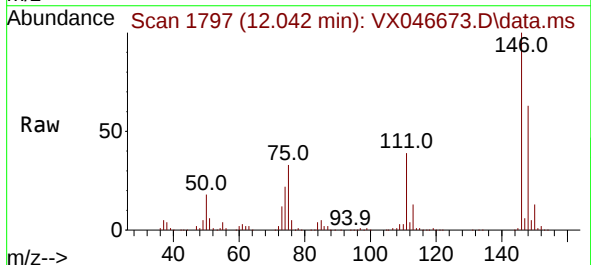
Tgt Ion:146 Resp: 11003
Ion Ratio Lower Upper
146 100
111 43.3 22.1 66.3
148 63.7 32.1 96.5

Manual Integrations
APPROVED

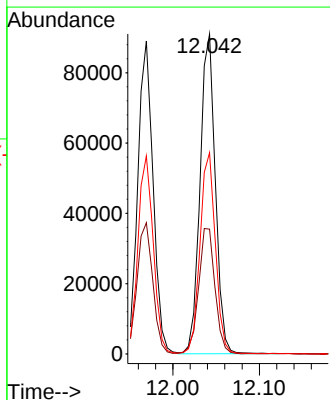
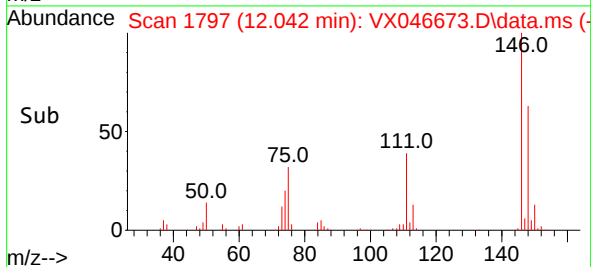
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

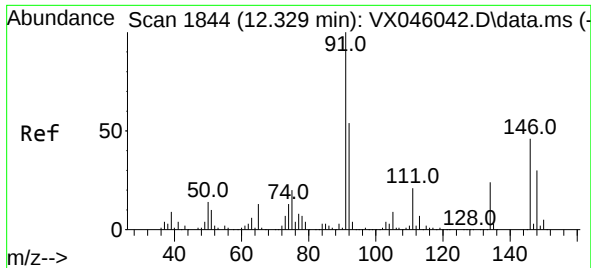


#88
1,4-Dichlorobenzene
Concen: 52.441 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



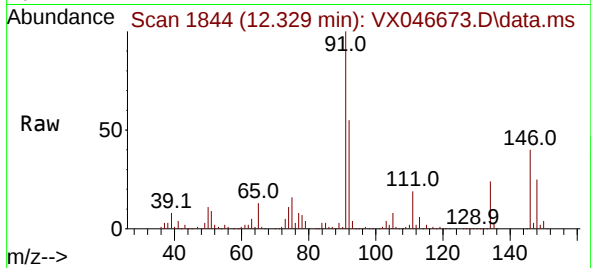
Tgt Ion:146 Resp: 111514
Ion Ratio Lower Upper
146 100
111 41.9 21.3 63.9
148 63.3 31.9 95.5





#89
n-Butylbenzene
Concen: 51.728 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

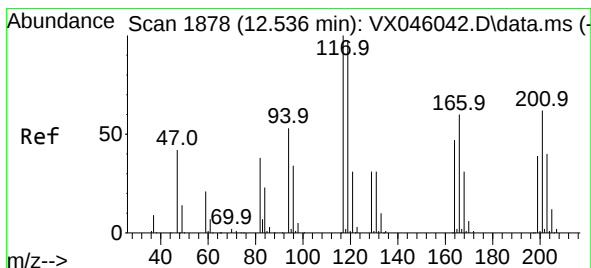
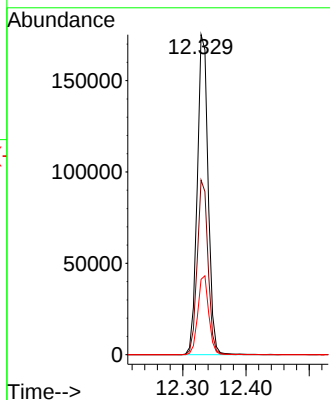
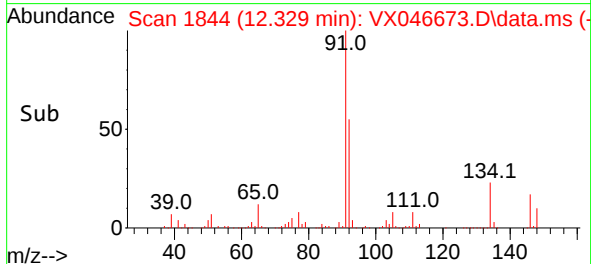
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 210168
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 24.7 11.8 35.3

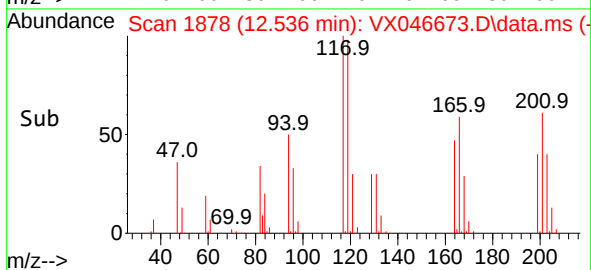
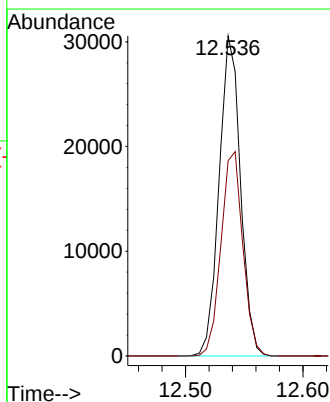
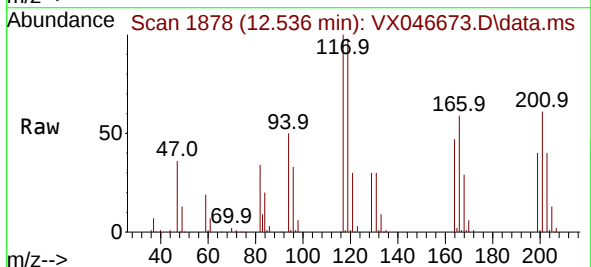
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#90
Hexachloroethane
Concen: 52.548 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

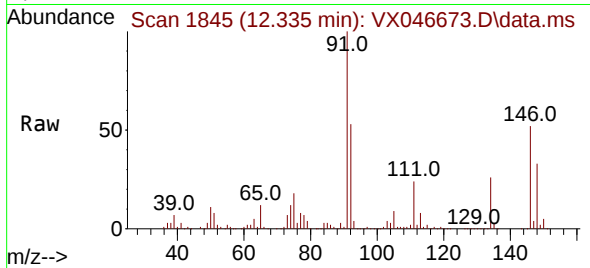
Tgt Ion:117 Resp: 38641
Ion Ratio Lower Upper
117 100
201 65.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 54.821 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

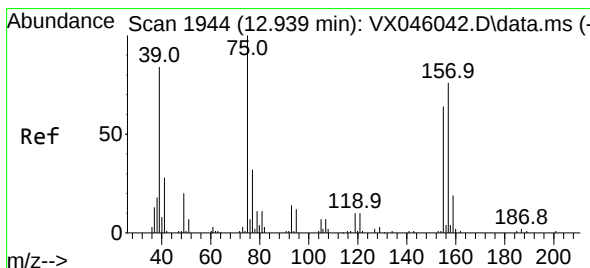
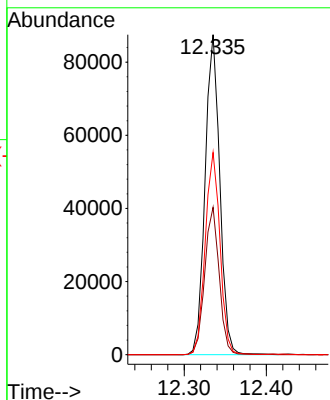
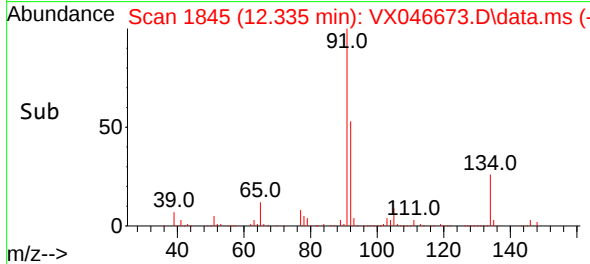
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



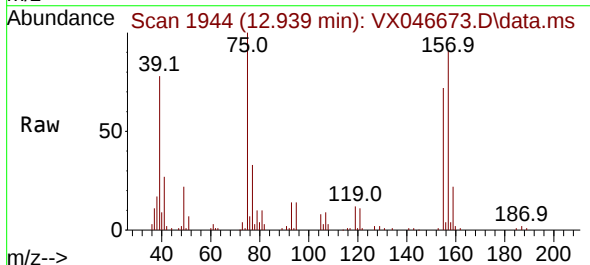
Tgt Ion:146 Resp: 10859
Ion Ratio Lower Upper
146 100
111 45.5 22.4 67.3
148 63.5 31.6 94.8

Manual Integrations
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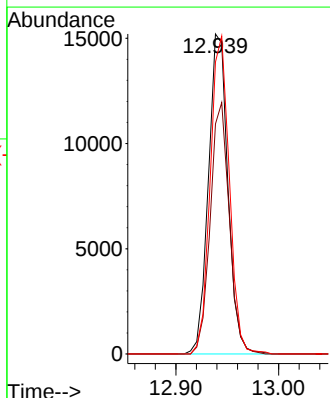
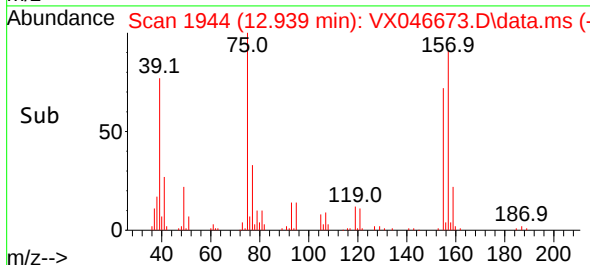
Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025

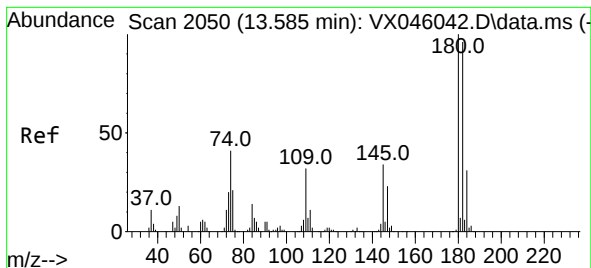


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.523 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47



Tgt Ion: 75 Resp: 20078
Ion Ratio Lower Upper
75 100
155 76.4 34.9 104.8
157 97.1 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 53.594 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

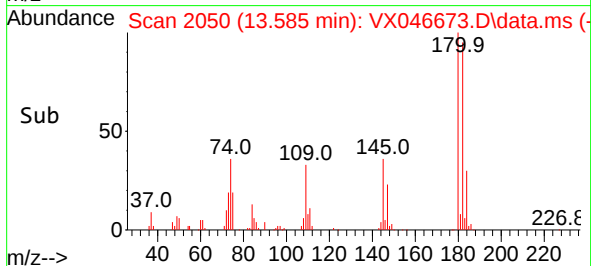
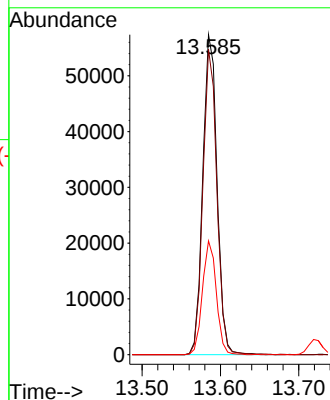
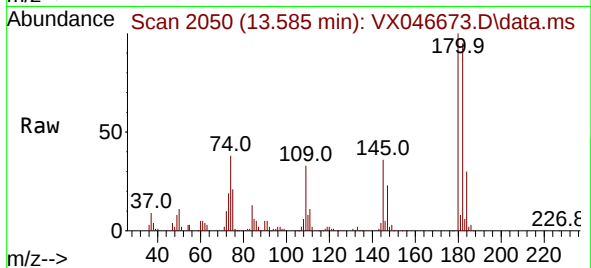
Tgt Ion:180 Resp: 7242
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.9 143.8
 145 34.6 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2025

Supervised By :Mahesh Dadoda 06/13/2025



#94

Hexachlorobutadiene

Concen: 49.203 ug/l

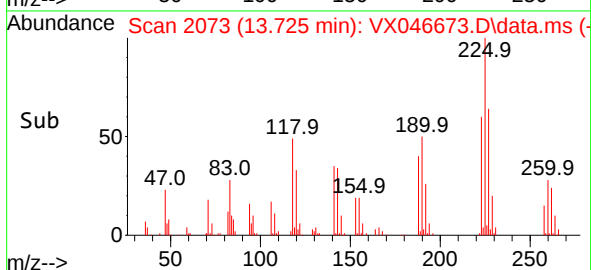
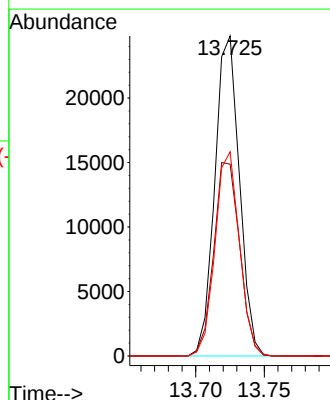
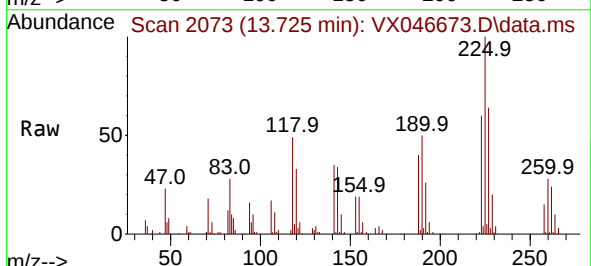
RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX046673.D

Acq: 12 Jun 2025 18:47

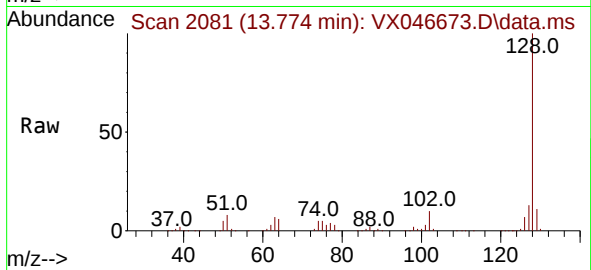
Tgt Ion:225 Resp: 30899
 Ion Ratio Lower Upper
 225 100
 223 63.8 30.8 92.4
 227 63.4 30.9 92.7





#95
Naphthalene
Concen: 60.170 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

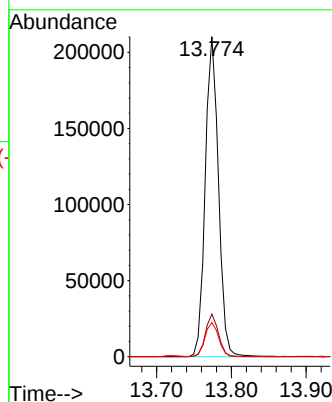
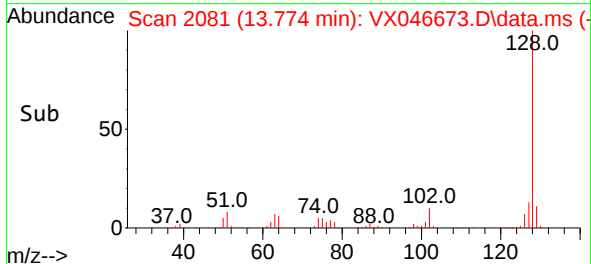
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 257849
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2025
Supervised By :Mahesh Dadoda 06/13/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.168 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046673.D
Acq: 12 Jun 2025 18:47

Tgt Ion:180 Resp: 73397
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 35.4 18.1 54.3

