

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060625\
 Data File : VX046520.D
 Acq On : 06 Jun 2025 10:40
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2025
 Supervised By : Mahesh Dadoda 06/09/2025

Quant Time: Jun 06 16:41:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:38:39 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	90114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.775	114	156192	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	78706	49.092	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.180%		
35) Dibromofluoromethane	5.403	113	57416	49.986	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.980%		
50) Toluene-d8	8.653	98	185557	49.000	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.000%		
62) 4-Bromofluorobenzene	11.079	95	76988	49.137	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	58145	46.477	ug/l	95
3) Chloromethane	1.307	50	51612	45.324	ug/l	96
4) Vinyl Chloride	1.386	62	53673	47.282	ug/l	100
5) Bromomethane	1.624	94	35883	52.070	ug/l	96
6) Chloroethane	1.703	64	33654	45.694	ug/l	96
7) Trichlorofluoromethane	1.904	101	92019	48.994	ug/l	95
8) Diethyl Ether	2.154	74	32101	48.374	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.349	101	57448	48.549	ug/l	98
10) Methyl Iodide	2.471	142	64524	50.302	ug/l	100
11) Tert butyl alcohol	2.971	59	44039	247.552	ug/l	100
12) 1,1-Dichloroethene	2.337	96	51110	47.772	ug/l	99
13) Acrolein	2.251	56	50652	237.168	ug/l	98
14) Allyl chloride	2.684	41	101836	48.466	ug/l	96
15) Acrylonitrile	3.081	53	170615	253.656	ug/l	99
16) Acetone	2.392	43	153142	243.373	ug/l	100
17) Carbon Disulfide	2.532	76	109794	48.339	ug/l	100
18) Methyl Acetate	2.721	43	101867	53.343	ug/l	100
19) Methyl tert-butyl Ether	3.135	73	190602	50.914	ug/l	99
20) Methylene Chloride	2.806	84	59622	46.355	ug/l	94
21) trans-1,2-Dichloroethene	3.111	96	52474	46.346	ug/l	95
22) Diisopropyl ether	3.782	45	211118	50.963	ug/l #	80
23) Vinyl Acetate	3.739	43	823688	257.541	ug/l	100
24) 1,1-Dichloroethane	3.629	63	113435	49.132	ug/l	97
25) 2-Butanone	4.574	43	226668	253.975	ug/l	98
26) 2,2-Dichloropropane	4.495	77	87040	50.783	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	66760	47.898	ug/l	99
28) Bromochloromethane	4.916	49	53158	48.273	ug/l	100
29) Tetrahydrofuran	5.019	42	142276	252.427	ug/l	99
30) Chloroform	5.111	83	118738	49.084	ug/l	99
31) Cyclohexane	5.489	56	89669	48.110	ug/l	99
32) 1,1,1-Trichloroethane	5.397	97	102837	49.696	ug/l	98
36) 1,1-Dichloropropene	5.714	75	75745	46.165	ug/l	99
37) Ethyl Acetate	4.733	43	86522	54.042	ug/l	98
38) Carbon Tetrachloride	5.696	117	88063	47.920	ug/l	99
39) Methylcyclohexane	7.391	83	89357	46.141	ug/l	97
40) Benzene	6.056	78	222898	48.257	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	50437	50.720	ug/l	96
42) 1,2-Dichloroethane	6.098	62	95292	49.590	ug/l	99
43) Isopropyl Acetate	6.354	43	144198	51.653	ug/l	99
44) Trichloroethene	7.135	130	54791	46.686	ug/l	98
45) 1,2-Dichloropropane	7.440	63	59497	49.904	ug/l	99
46) Dibromomethane	7.586	93	43598	48.609	ug/l	98
47) Bromodichloromethane	7.830	83	94149	51.052	ug/l	98
48) Methyl methacrylate	7.702	41	75100	52.285	ug/l	97
49) 1,4-Dioxane	7.671	88	19805	1031.079	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	462924	260.948	ug/l	100
52) Toluene	8.720	92	138129	48.677	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	84697	51.223	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	92087	50.089	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	57143	50.162	ug/l	97
56) Ethyl methacrylate	9.116	69	91058	51.943	ug/l	97
57) 1,3-Dichloropropane	9.311	76	99273	49.312	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	246532	258.184	ug/l	100
59) 2-Hexanone	9.433	43	333019	261.746	ug/l	99
60) Dibromochloromethane	9.525	129	67410	50.307	ug/l	99
61) 1,2-Dibromoethane	9.610	107	57774	48.669	ug/l	98
64) Tetrachloroethene	9.275	164	42288	46.308	ug/l	96
65) Chlorobenzene	10.079	112	153710	47.857	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	54990	50.666	ug/l	99
67) Ethyl Benzene	10.195	91	275626	49.157	ug/l	100
68) m/p-Xylenes	10.299	106	201325	98.982	ug/l	99
69) o-Xylene	10.640	106	97769	49.696	ug/l	97
70) Styrene	10.658	104	171642	50.968	ug/l	99
71) Bromoform	10.799	173	42521	51.382	ug/l #	98
73) Isopropylbenzene	10.963	105	269074	49.729	ug/l	99
74) N-amyl acetate	10.841	43	124077	52.072	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	86539	49.967	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	72182m	48.702	ug/l	
77) Bromobenzene	11.195	156	60653	48.295	ug/l	100
78) n-propylbenzene	11.305	91	323032	49.325	ug/l	100
79) 2-Chlorotoluene	11.366	91	191732	48.549	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	223189	49.500	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25456	50.367	ug/l	98
82) 4-Chlorotoluene	11.451	91	226629	48.414	ug/l	99
83) tert-Butylbenzene	11.713	119	226214	49.285	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	224100	49.131	ug/l	100
85) sec-Butylbenzene	11.890	105	287196	48.696	ug/l	99
86) p-Isopropyltoluene	12.006	119	239809	48.775	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115889	47.520	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	115263	45.612	ug/l	99
89) n-Butylbenzene	12.329	91	230830	47.808	ug/l	99
90) Hexachloroethane	12.536	117	41969	48.027	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	112815	47.923	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19603	50.545	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	74109	46.149	ug/l	99
94) Hexachlorobutadiene	13.725	225	34506	46.237	ug/l	98
95) Naphthalene	13.774	128	256456	50.359	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	75172	46.684	ug/l	99

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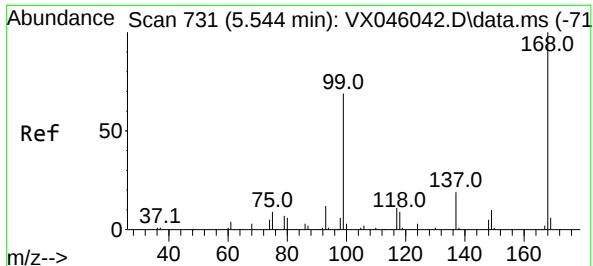
Manual Integrations
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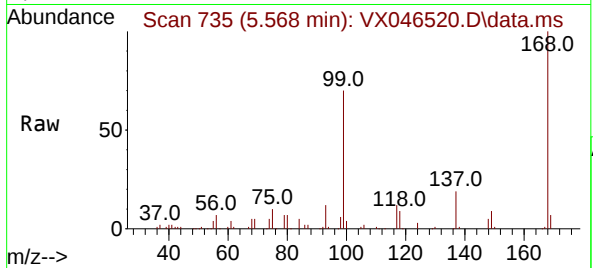
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.000 min
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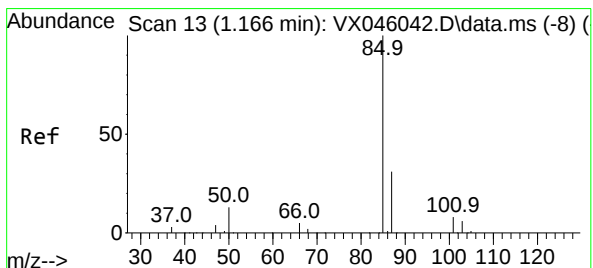
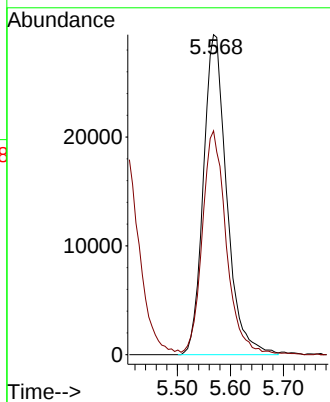
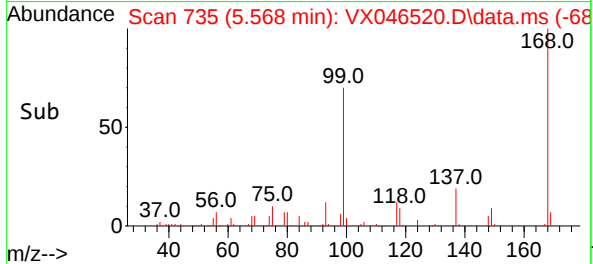
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:168 Resp: 90114
Ion Ratio Lower Upper
168 100
99 69.4 54.9 82.3

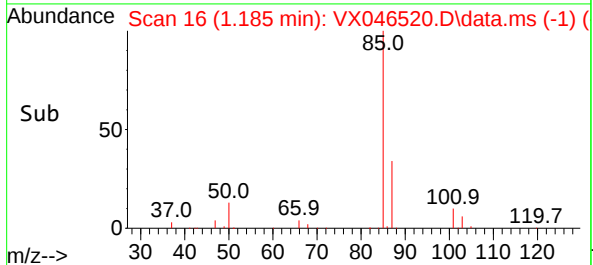
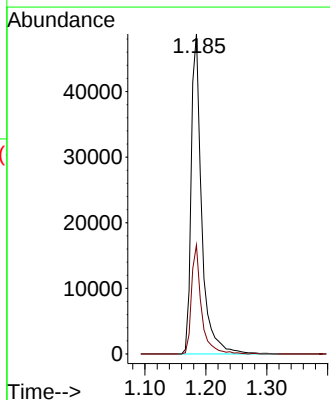
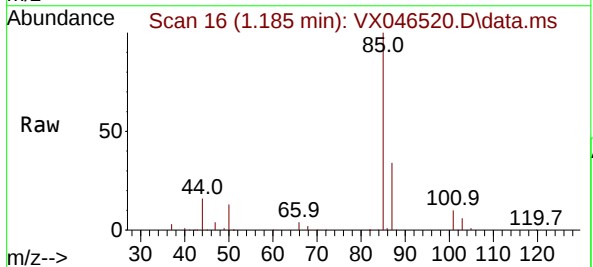
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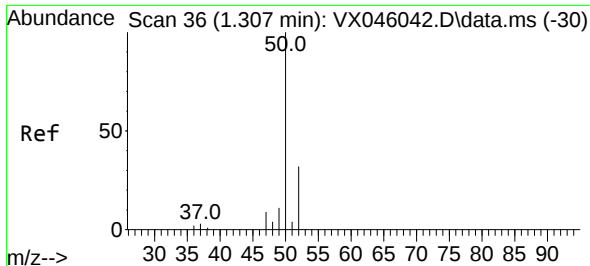
Reviewed By :John Carlone 06/06/2025
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#2
Dichlorodifluoromethane
Concen: 46.477 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

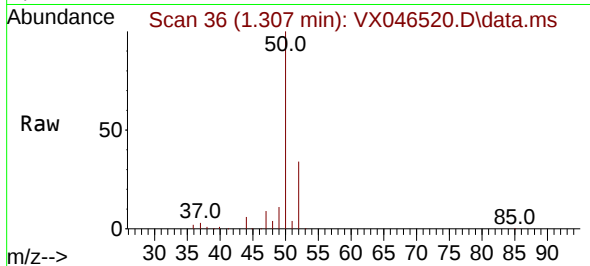
Tgt Ion: 85 Resp: 58145
Ion Ratio Lower Upper
85 100
87 34.0 15.7 47.1





#3
Chloromethane
Concen: 45.324 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

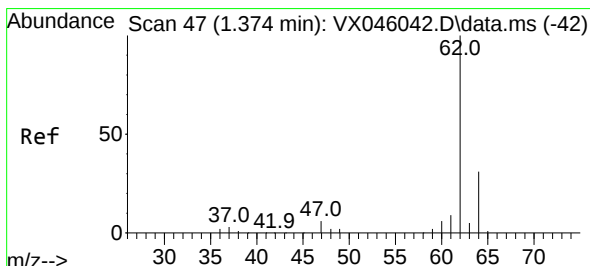
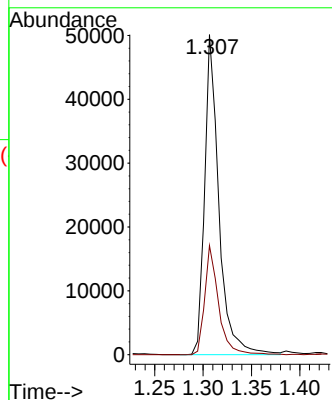
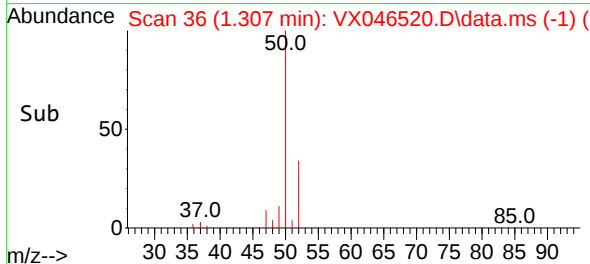
Instrument :
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Tgt Ion: 50 Resp: 5161
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2

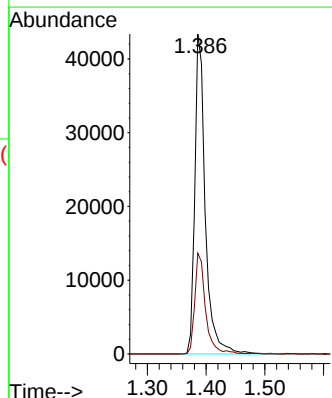
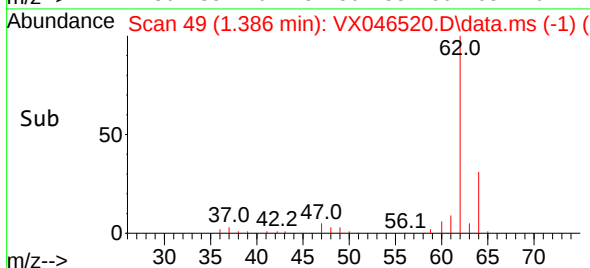
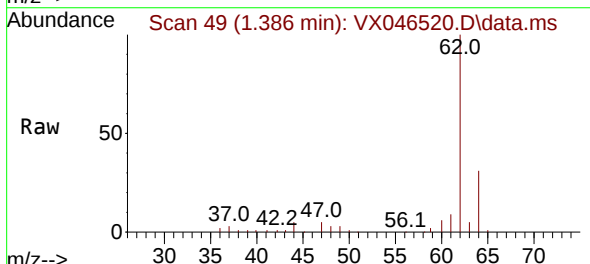
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#4
Vinyl Chloride
Concen: 47.282 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion: 62 Resp: 53673
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





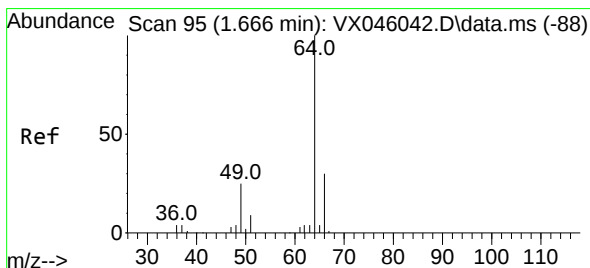
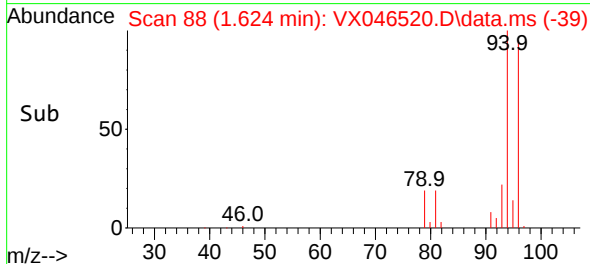
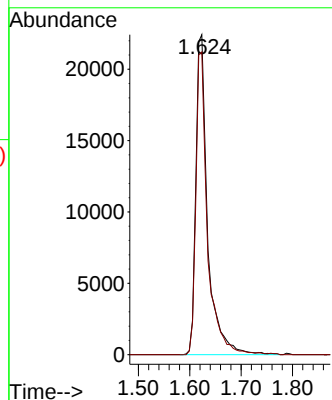
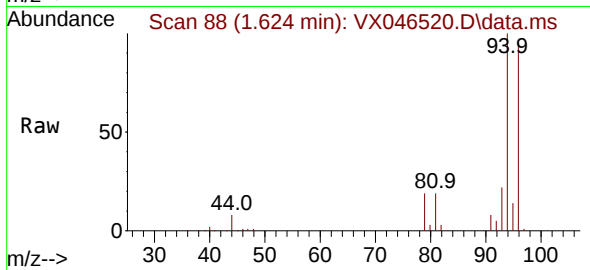
#5
Bromomethane
Concen: 52.070 ug/l
RT: 1.624 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 3588
Ion Ratio Lower Upper
94 100
96 94.6 72.8 109.2

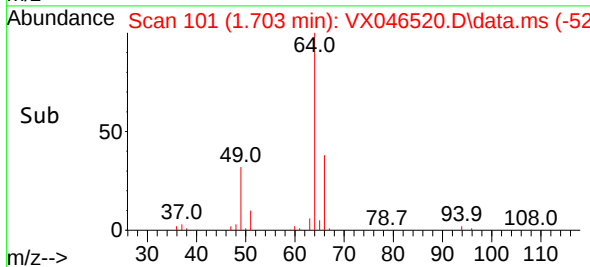
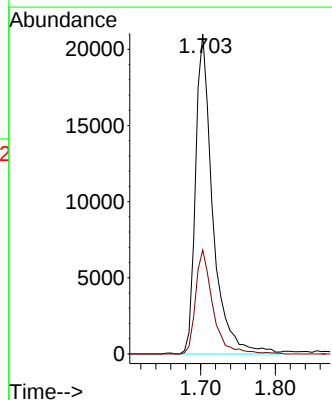
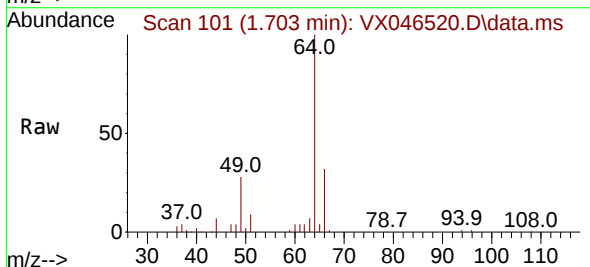
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#6
Chloroethane
Concen: 45.694 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

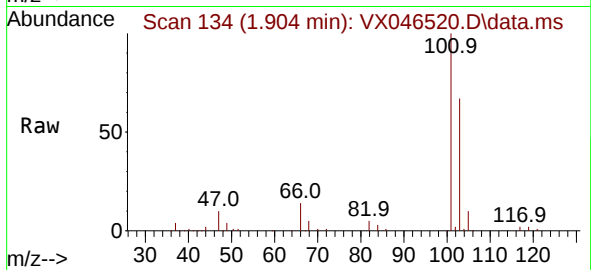
Tgt Ion: 64 Resp: 33654
Ion Ratio Lower Upper
64 100
66 32.5 24.3 36.5





#7
Trichlorofluoromethane
Concen: 48.994 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046520.D
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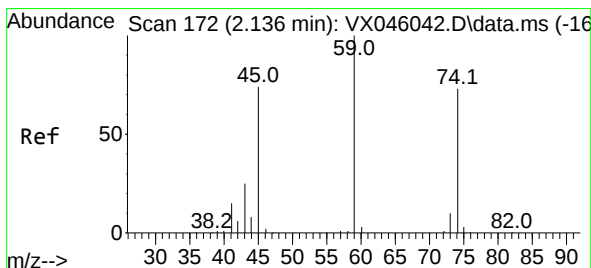
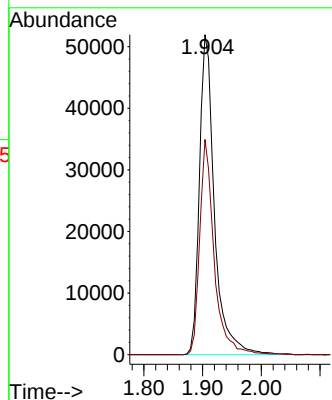
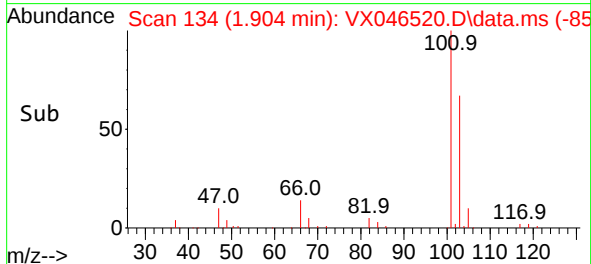
Instrument :
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Tgt Ion:101 Resp: 92019
Ion Ratio Lower Upper
101 100
103 67.2 51.0 76.4

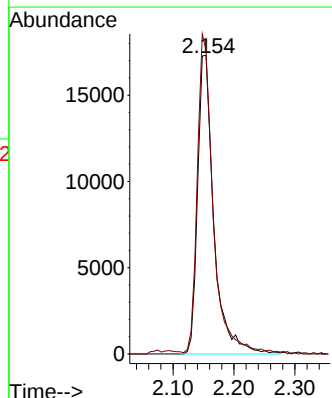
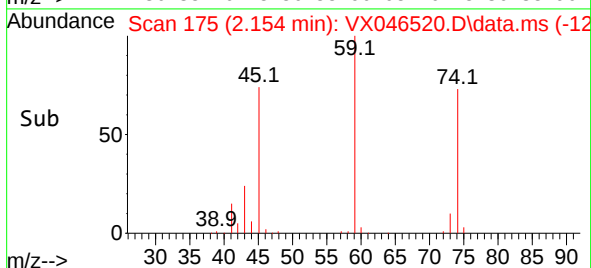
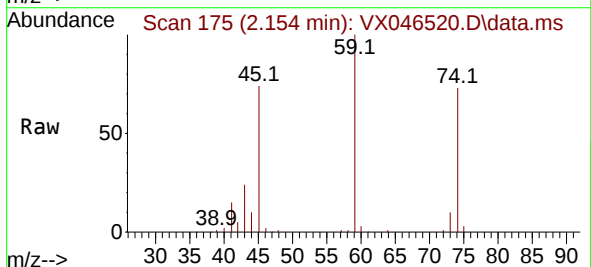
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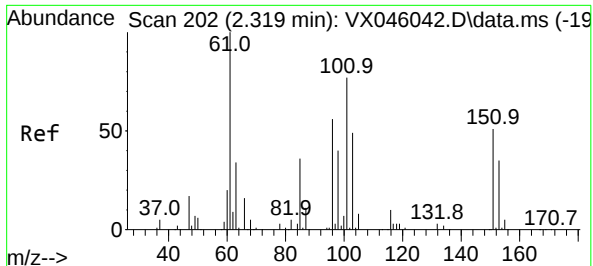
Reviewed By :John Carlone 06/06/2025
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#8
Diethyl Ether
Concen: 48.374 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.000 min
Lab File: VX046520.D
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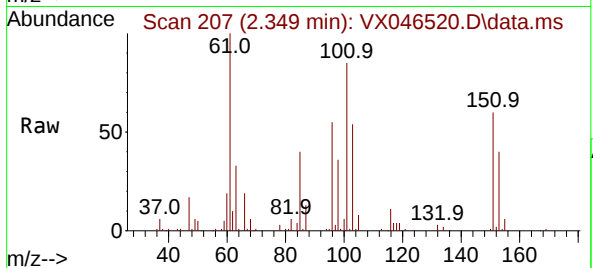
Tgt Ion: 74 Resp: 32101
Ion Ratio Lower Upper
74 100
45 103.6 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.549 ug/l
RT: 2.349 min Scan# 207
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

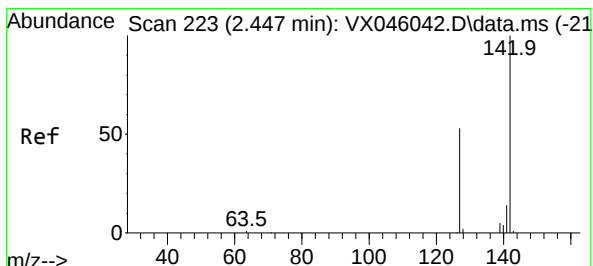
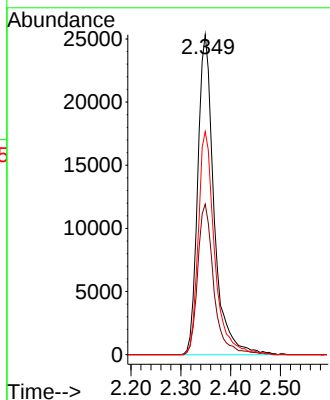
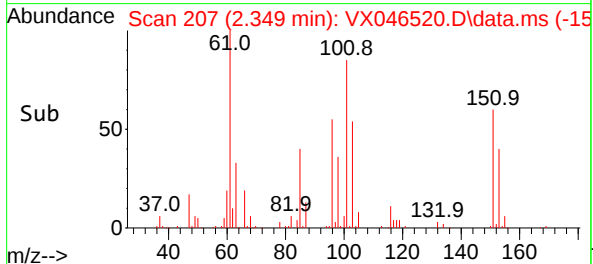
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Tgt Ion:101 Resp: 57448
Ion Ratio Lower Upper
101 100
85 46.9 38.6 58.0
151 70.1 55.2 82.8

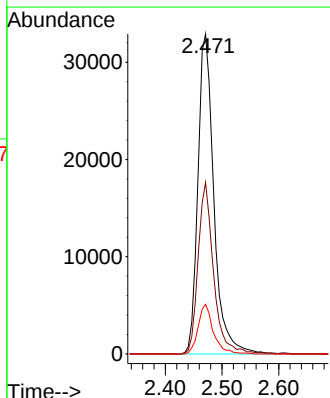
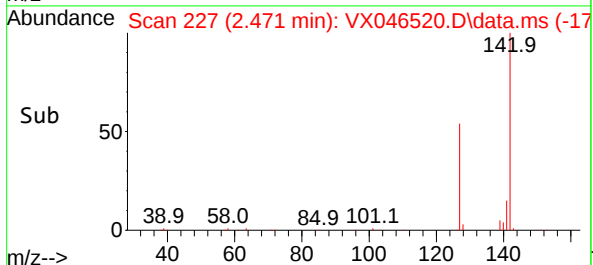
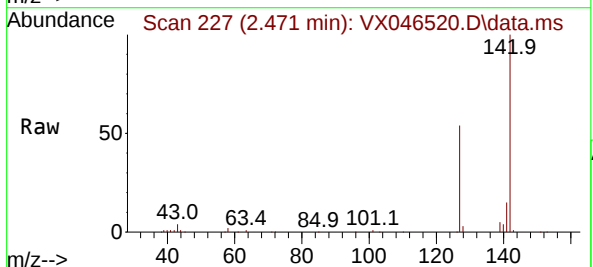
Manual Integrations
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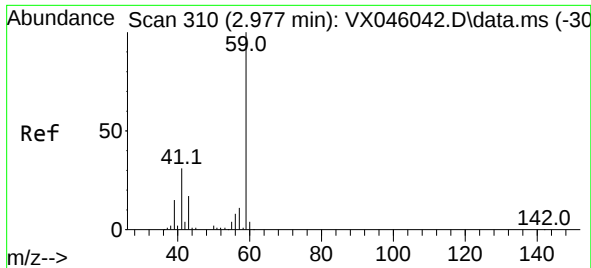
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#10
Methyl Iodide
Concen: 50.302 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

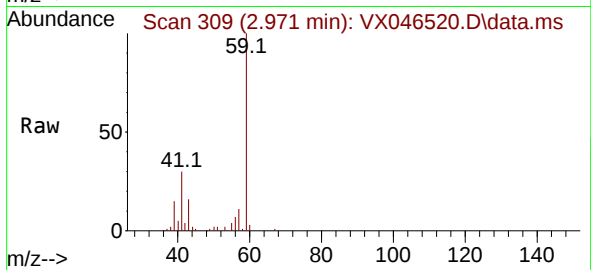
Tgt Ion:142 Resp: 64524
Ion Ratio Lower Upper
142 100
127 52.0 41.7 62.5
141 14.9 11.5 17.3





#11
Tert butyl alcohol
Concen: 247.552 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

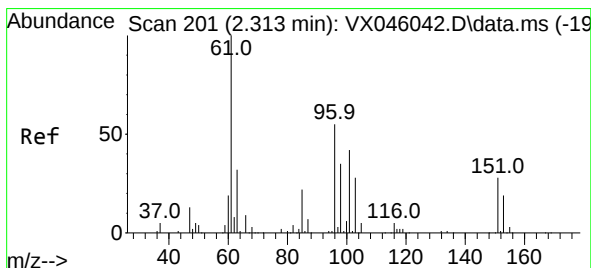
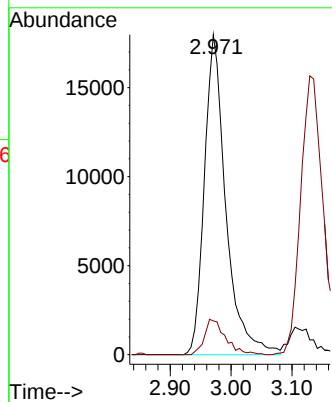
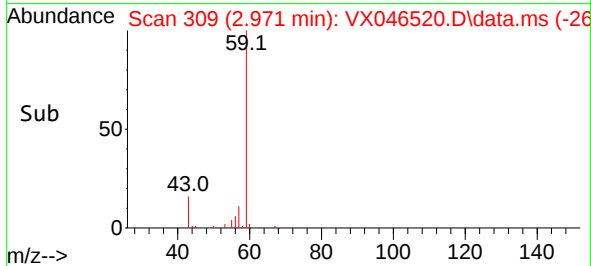
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



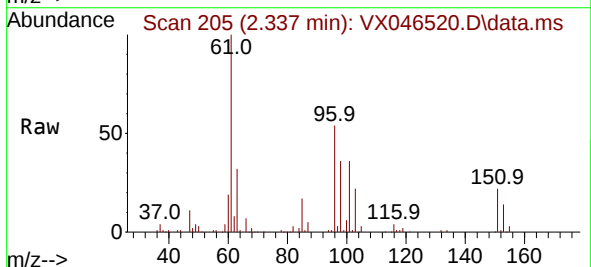
Tgt Ion: 59 Resp: 44039
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

Manual Integrations
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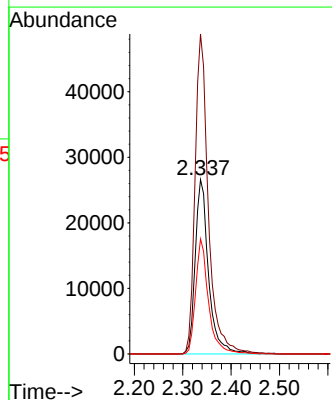
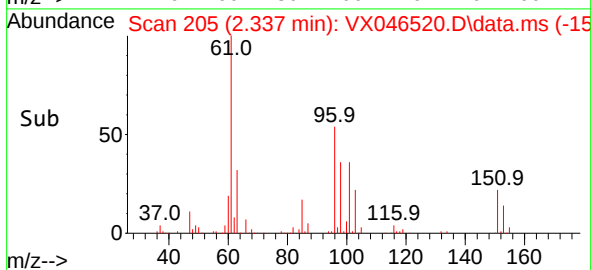
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

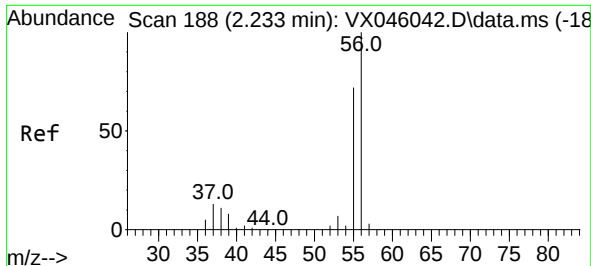


#12
1,1-Dichloroethene
Concen: 47.772 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



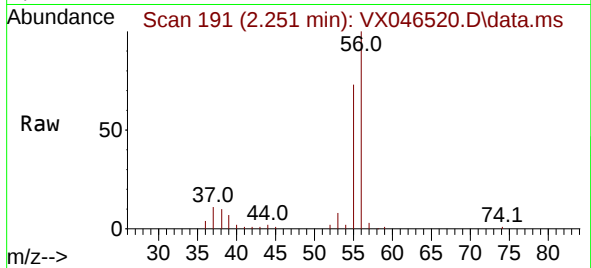
Tgt Ion: 96 Resp: 51110
Ion Ratio Lower Upper
96 100
61 183.5 146.2 219.2
98 66.0 51.0 76.6





#13
Acrolein
Concen: 237.168 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

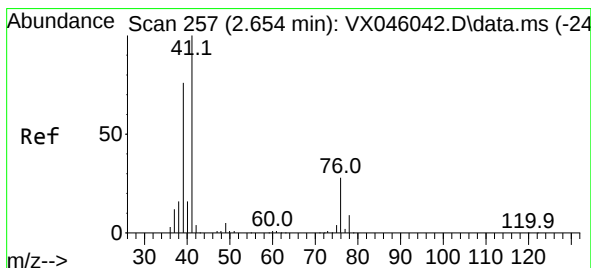
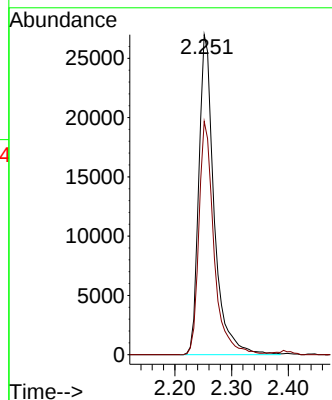
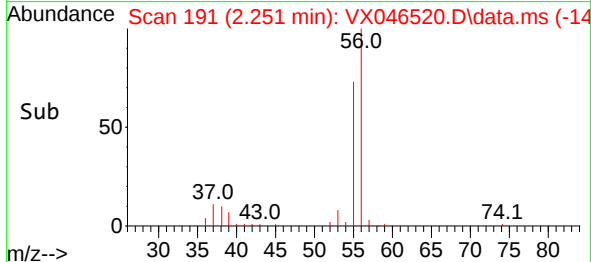
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



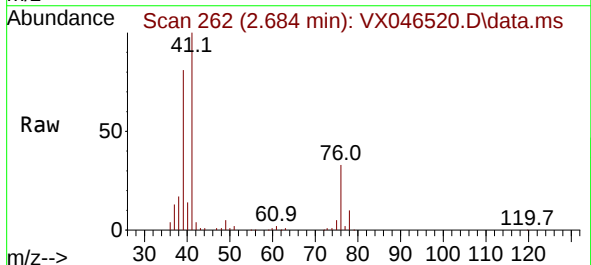
Tgt Ion: 56 Resp: 50652
Ion Ratio Lower Upper
56 100
55 71.6 56.2 84.4

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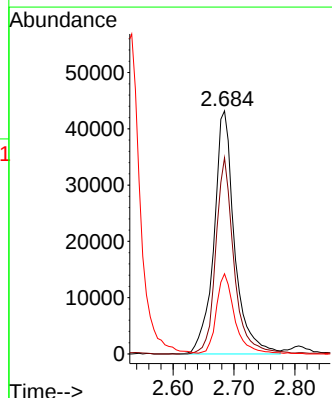
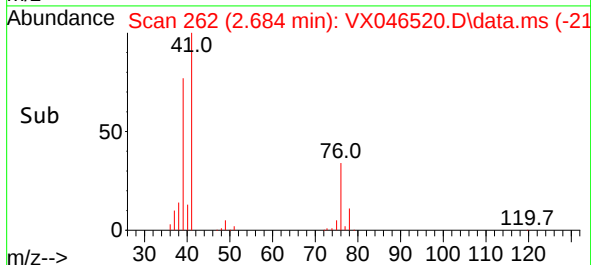
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

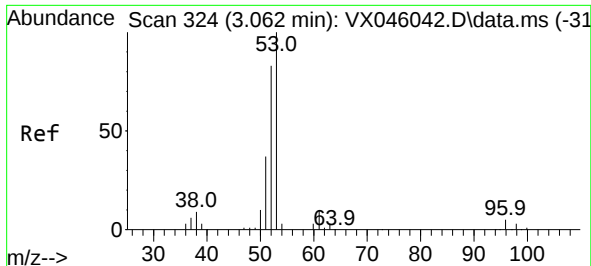


#14
Allyl chloride
Concen: 48.466 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



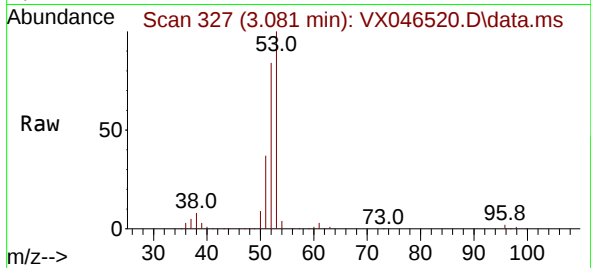
Tgt Ion: 41 Resp: 101836
Ion Ratio Lower Upper
41 100
39 71.4 60.6 90.8
76 29.7 24.9 37.3





#15
Acrylonitrile
Concen: 253.656 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

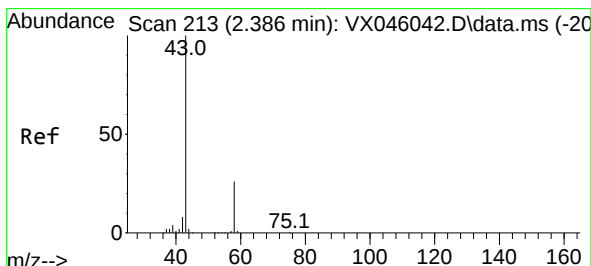
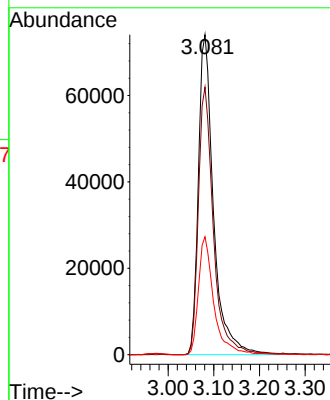
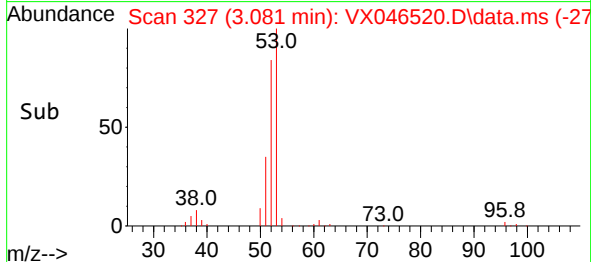
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 53 Resp: 170615
Ion Ratio Lower Upper
53 100
52 83.3 65.3 97.9
51 37.6 29.8 44.8

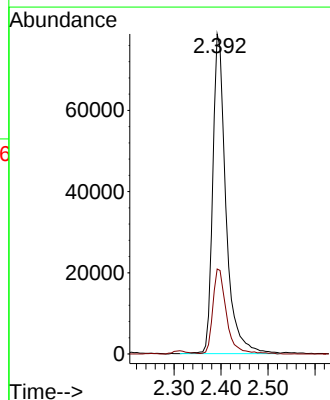
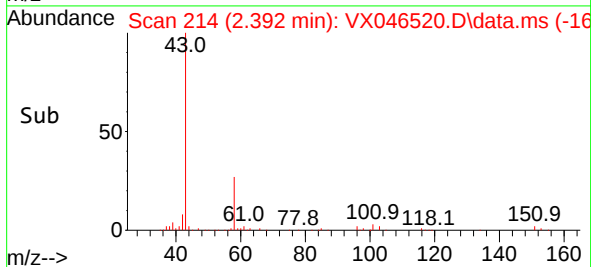
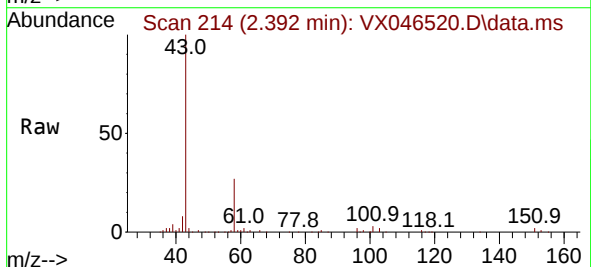
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Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#16
Acetone
Concen: 243.373 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion: 43 Resp: 153142
Ion Ratio Lower Upper
43 100
58 26.5 21.2 31.8





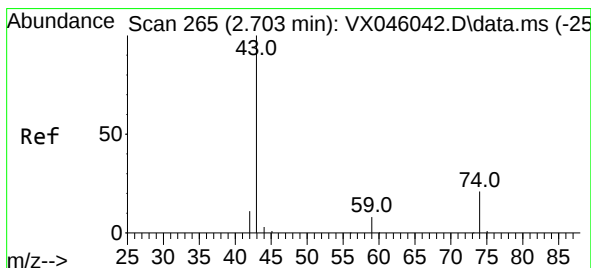
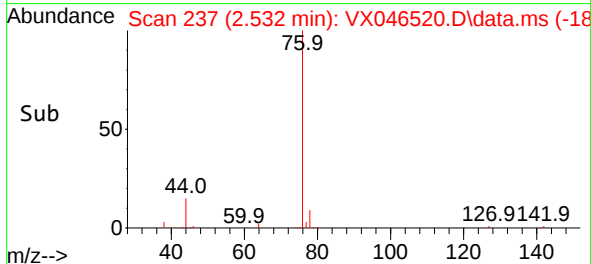
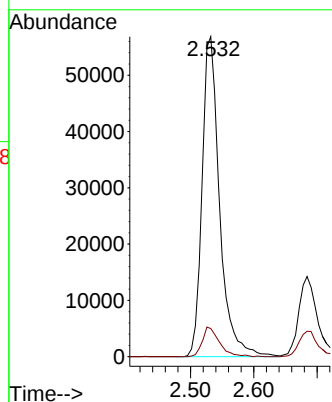
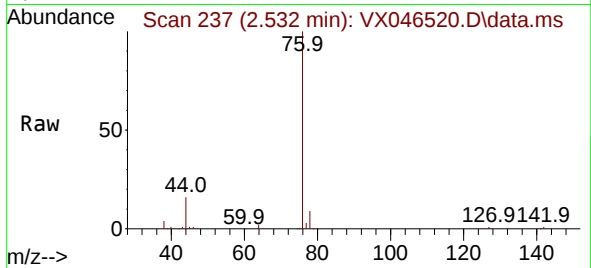
#17
Carbon Disulfide
Concen: 48.339 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 76 Resp: 109794
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

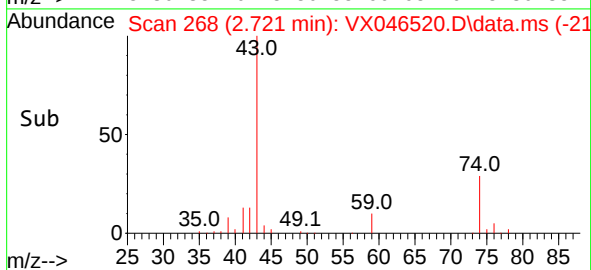
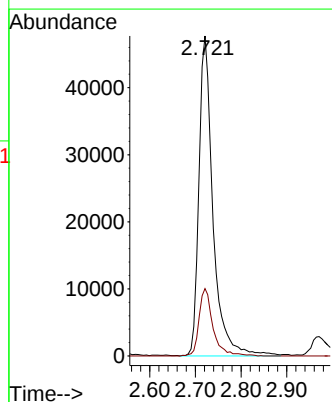
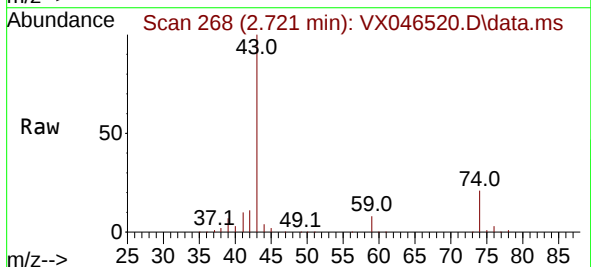
Manual Integrations
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Supervised By :Mahesh Dadoda 06/09/2025



#18
Methyl Acetate
Concen: 53.343 ug/l
RT: 2.721 min Scan# 268
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion: 43 Resp: 101867
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1





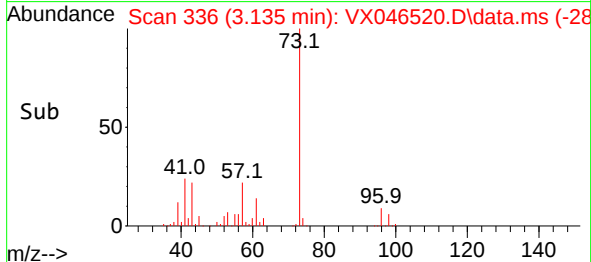
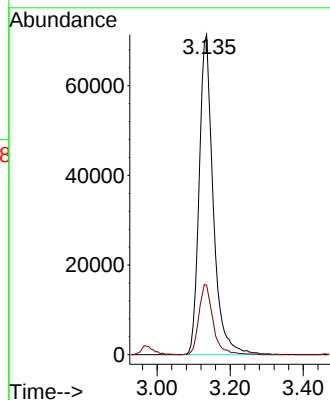
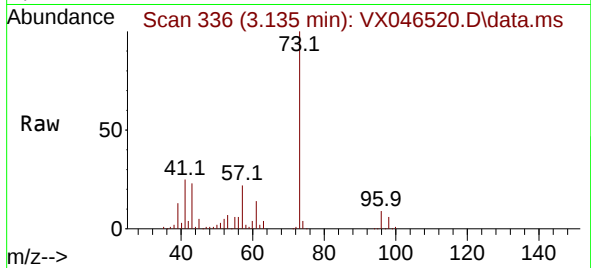
#19
Methyl tert-butyl Ether
Concen: 50.914 ug/l
RT: 3.135 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 73 Resp: 190602
Ion Ratio Lower Upper
73 100
57 21.7 17.7 26.5

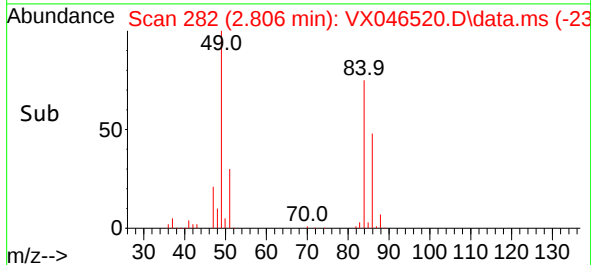
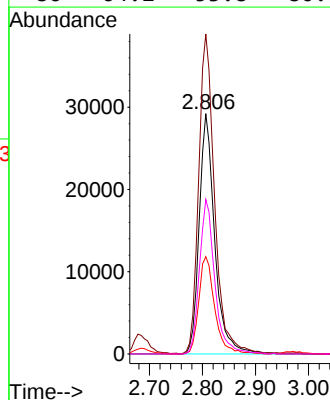
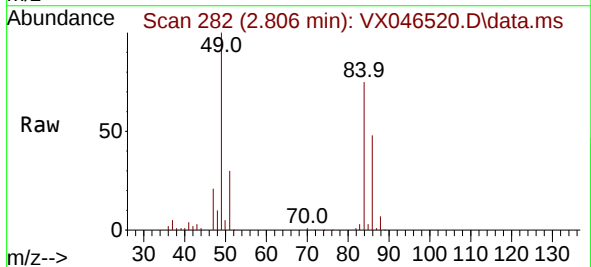
Manual Integrations
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Supervised By :Mahesh Dadoda 06/09/2025



#20
Methylene Chloride
Concen: 46.355 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

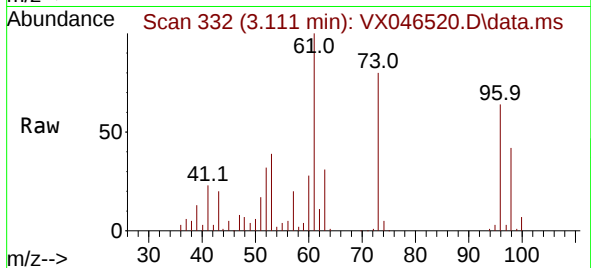
Tgt Ion: 84 Resp: 59622
Ion Ratio Lower Upper
84 100
49 133.1 113.9 170.9
51 40.5 33.5 50.3
86 64.2 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 46.346 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

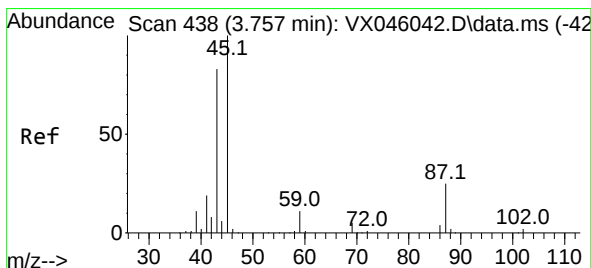
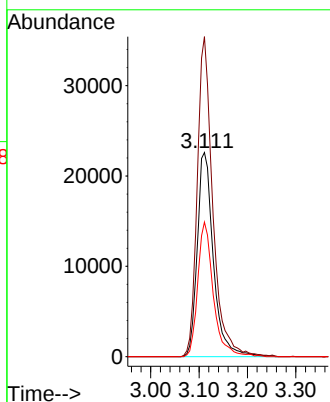
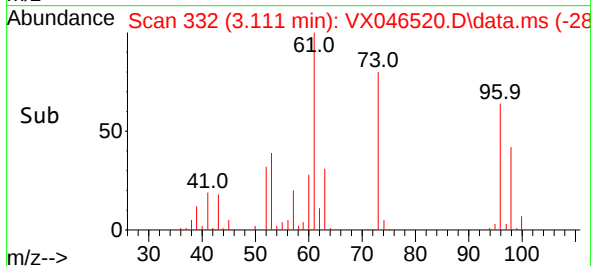
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 52474
Ion Ratio Lower Upper
96 100
61 156.7 119.5 179.3
98 65.9 50.0 75.0

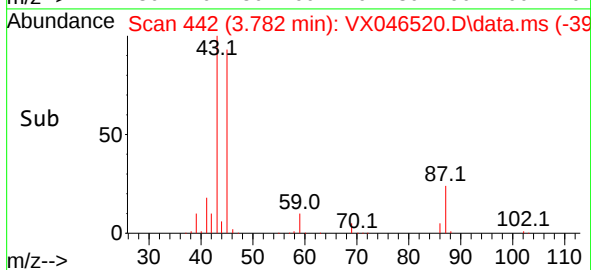
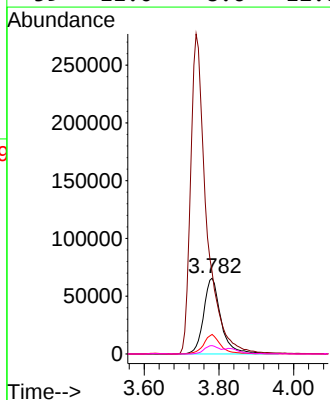
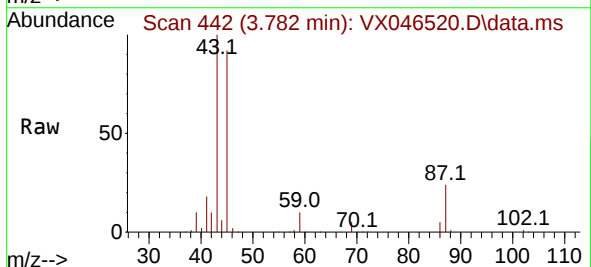
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Supervised By :Mahesh Dadoda 06/09/2025



#22
Diisopropyl ether
Concen: 50.963 ug/l
RT: 3.782 min Scan# 442
Delta R.T. -0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

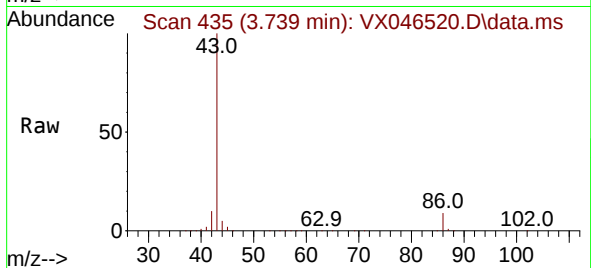
Tgt Ion: 45 Resp: 211118
Ion Ratio Lower Upper
45 100
43 108.0 66.6 100.0#
87 25.8 19.8 29.6
59 11.0 8.6 12.8





#23
 Vinyl Acetate
 Concen: 257.541 ug/l
 RT: 3.739 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: VX046520.D
 Acq: 06 Jun 2025 10:40

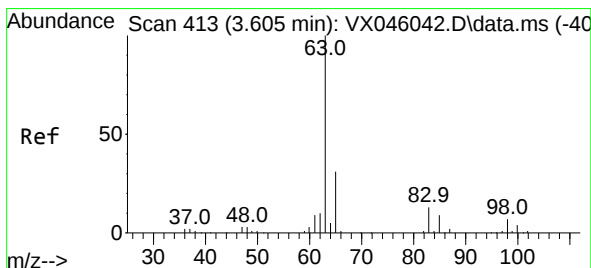
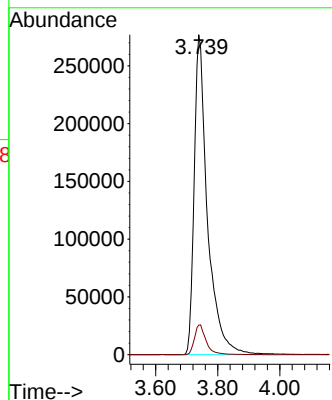
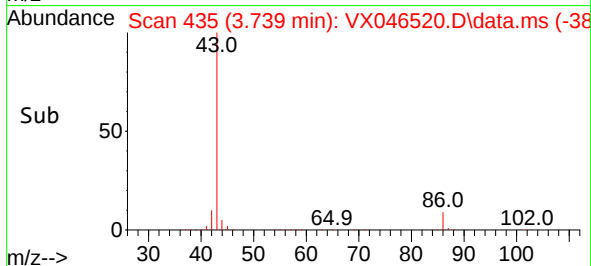
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



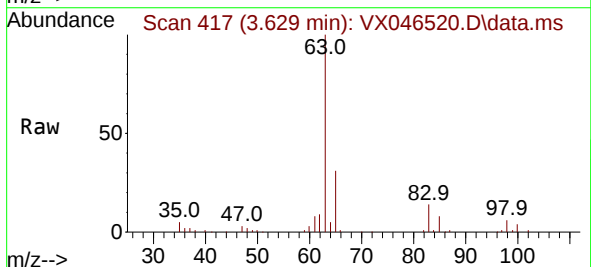
Tgt Ion: 43 Resp: 82368
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.5 11.3

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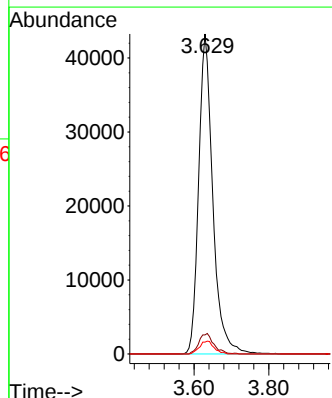
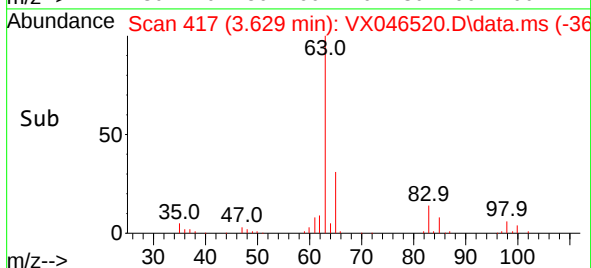
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025

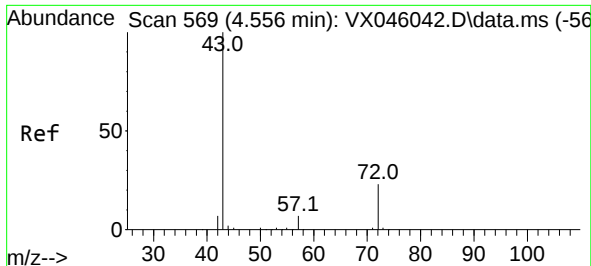


#24
 1,1-Dichloroethane
 Concen: 49.132 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046520.D
 Acq: 06 Jun 2025 10:40



Tgt Ion: 63 Resp: 113435
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.8
 100 3.7 2.1 6.3





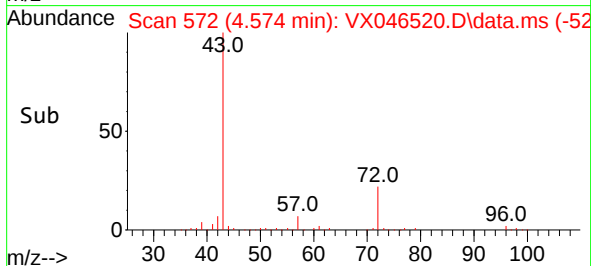
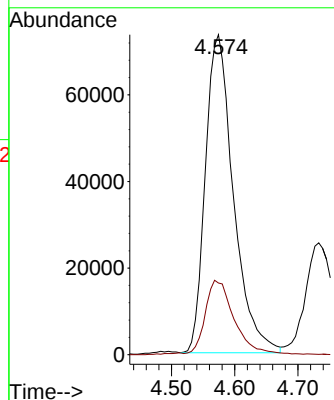
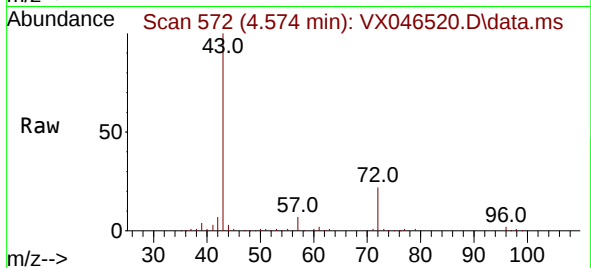
#25
2-Butanone
Concen: 253.975 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 226668
Ion Ratio Lower Upper
43 100
72 22.0 18.4 27.6

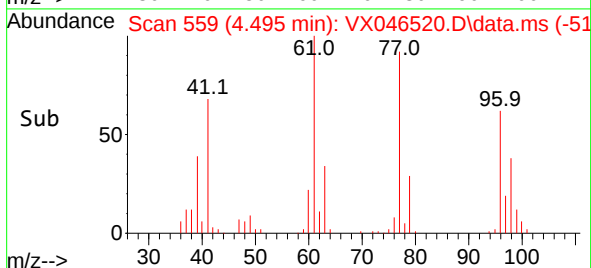
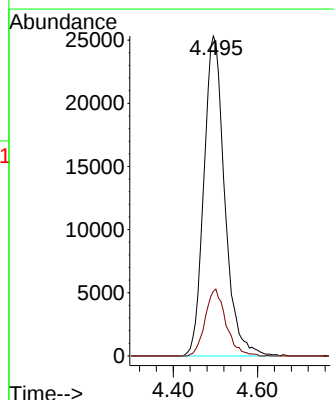
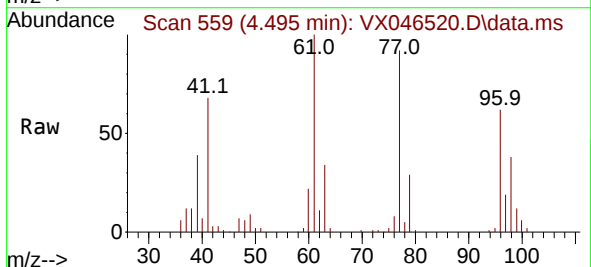
Manual Integrations
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Supervised By :Mahesh Dadoda 06/09/2025



#26
2,2-Dichloropropane
Concen: 50.783 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion: 77 Resp: 87040
Ion Ratio Lower Upper
77 100
97 20.9 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 47.898 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 96 Resp: 66760

Ion Ratio Lower Upper

96 100

61 159.5 0.0 322.8

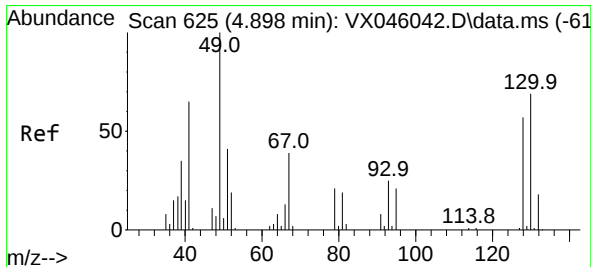
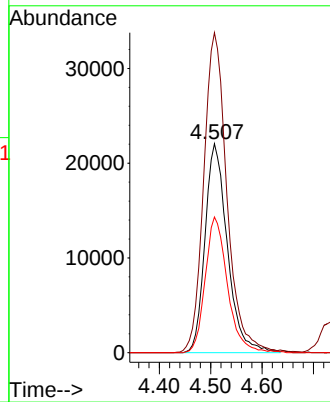
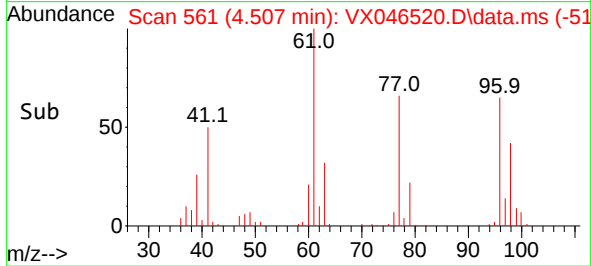
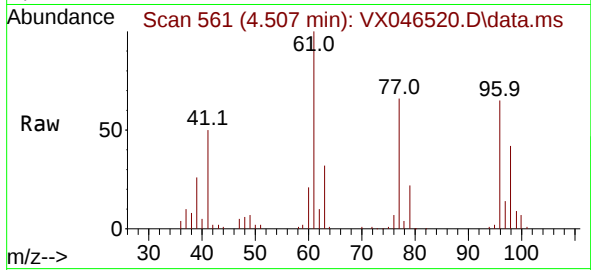
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#28

Bromochloromethane

Concen: 48.273 ug/l

RT: 4.916 min Scan# 628

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

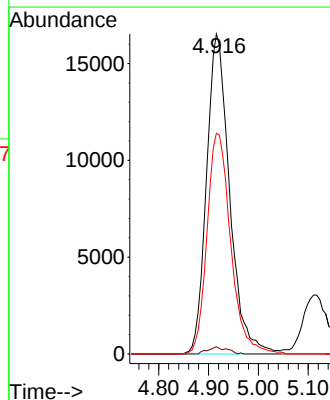
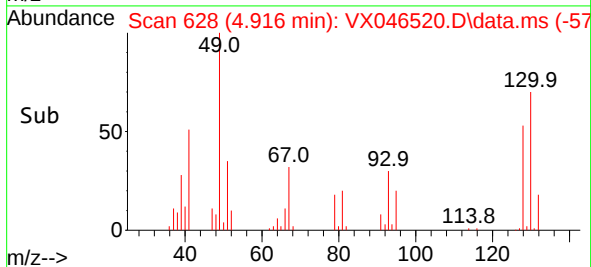
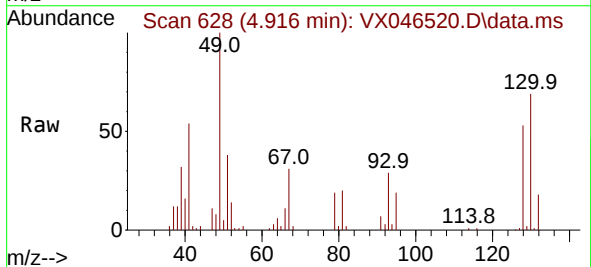
Tgt Ion: 49 Resp: 53158

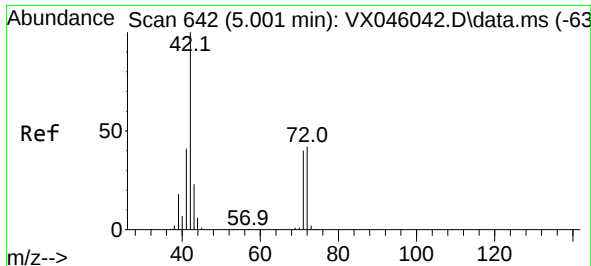
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 70.5 56.2 84.2





#29

Tetrahydrofuran

Concen: 252.427 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 42 Resp: 142270

Ion Ratio Lower Upper

42 100

72 41.5 33.7 50.5

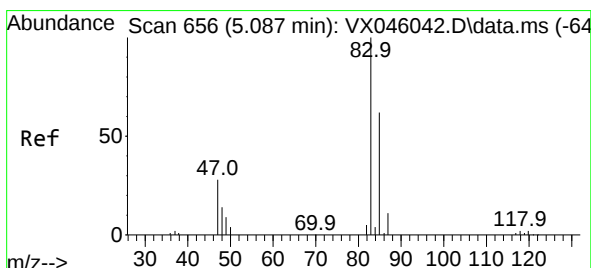
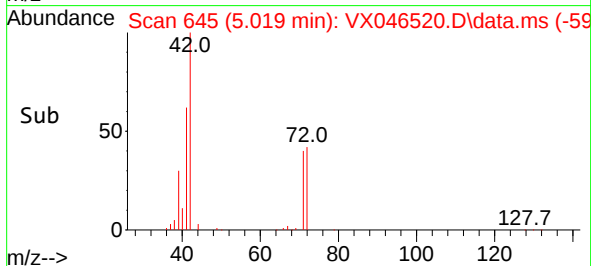
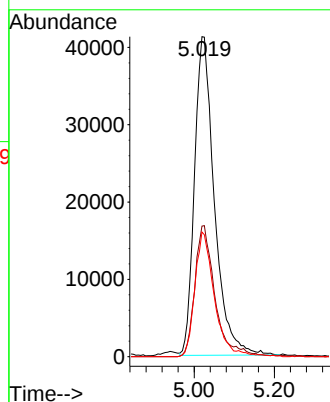
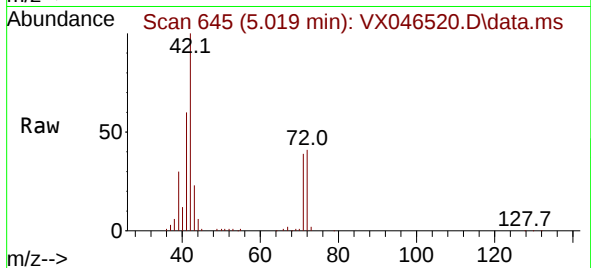
71 38.5 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#30

Chloroform

Concen: 49.084 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.000 min

Lab File: VX046520.D

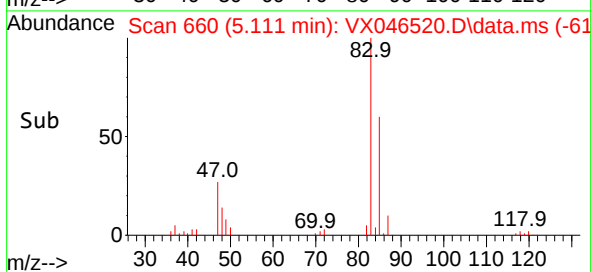
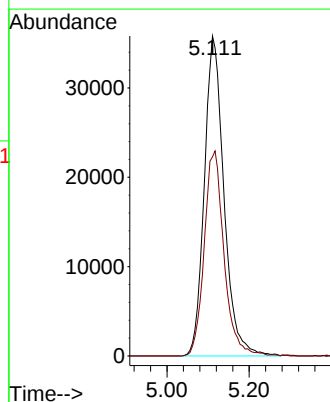
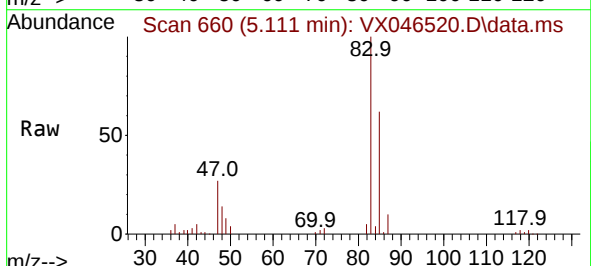
Acq: 06 Jun 2025 10:40

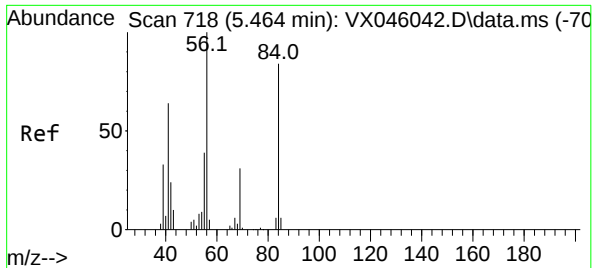
Tgt Ion: 83 Resp: 118738

Ion Ratio Lower Upper

83 100

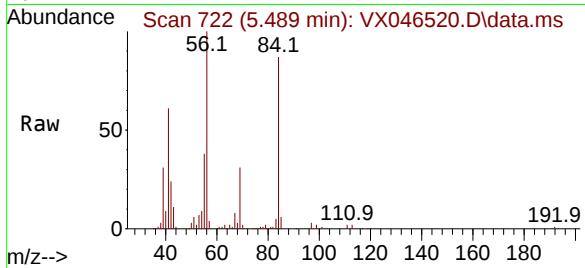
85 62.2 49.3 73.9





#31
Cyclohexane
Concen: 48.110 ug/l
RT: 5.489 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

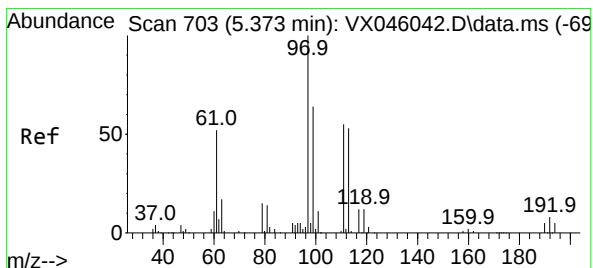
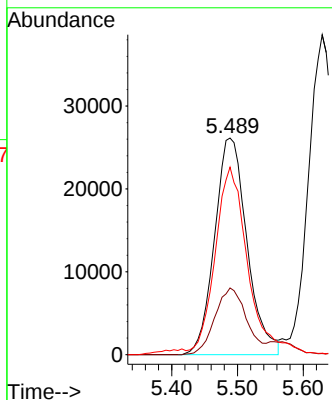
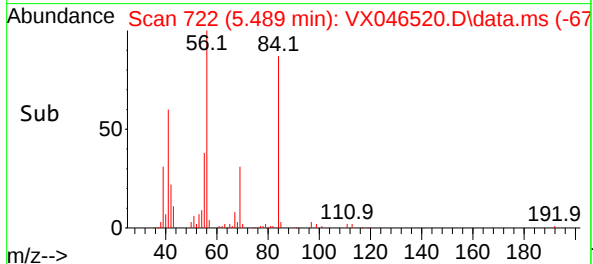
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



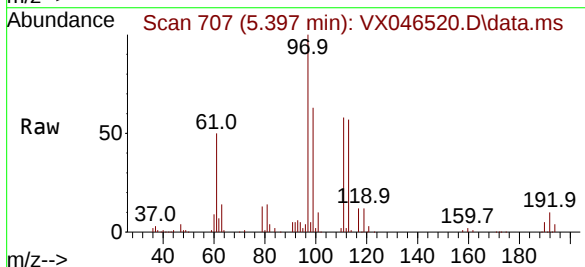
Tgt Ion: 56 Resp: 89669
Ion Ratio Lower Upper
56 100
69 30.8 24.4 36.6
84 84.6 66.9 100.3

Manual Integrations
APPROVED

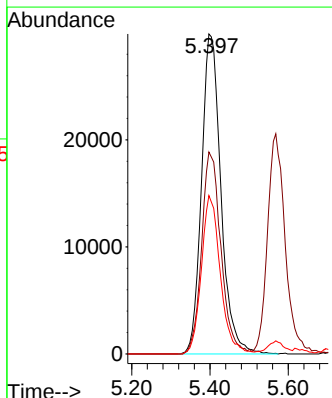
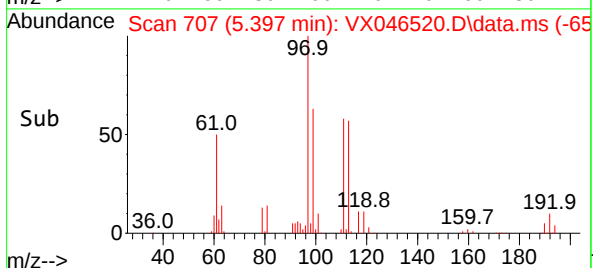
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

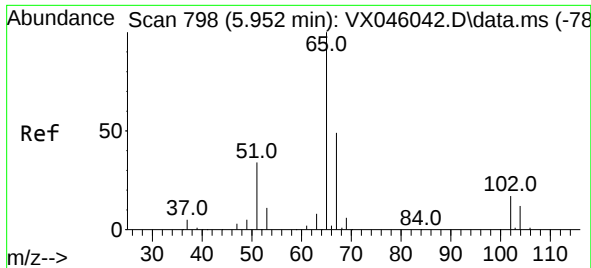


#32
1,1,1-Trichloroethane
Concen: 49.696 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



Tgt Ion: 97 Resp: 102837
Ion Ratio Lower Upper
97 100
99 62.8 51.8 77.6
61 48.4 40.1 60.1





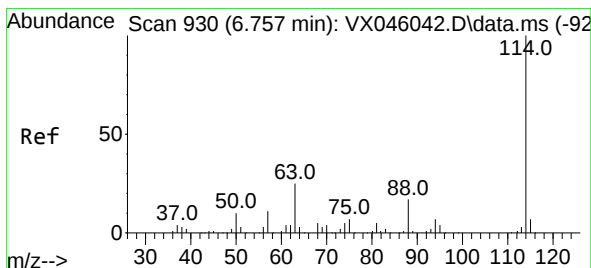
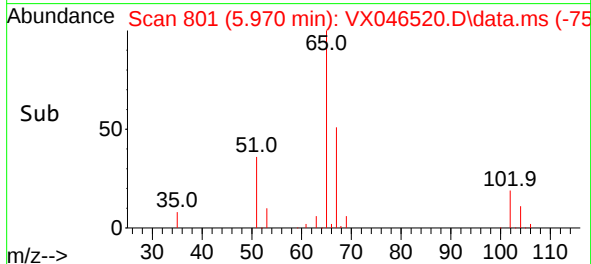
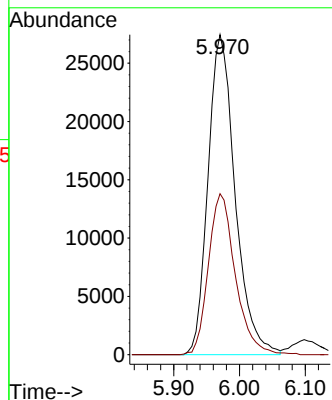
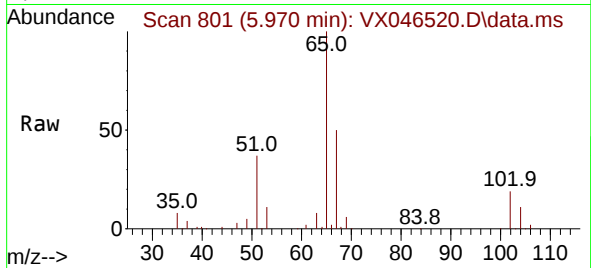
#33
1,2-Dichloroethane-d4
Concen: 49.092 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 65 Resp: 78700
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.0

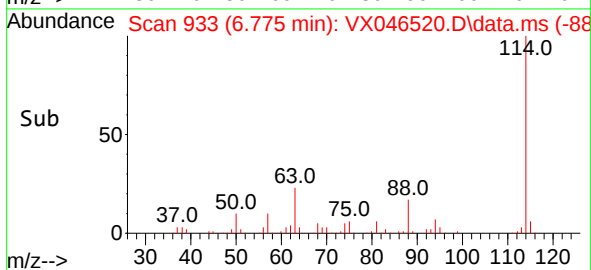
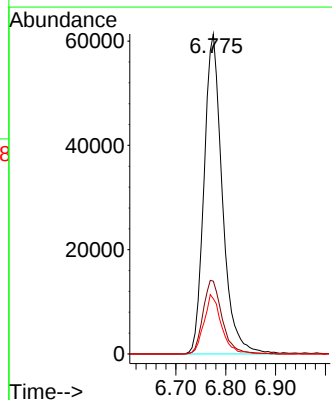
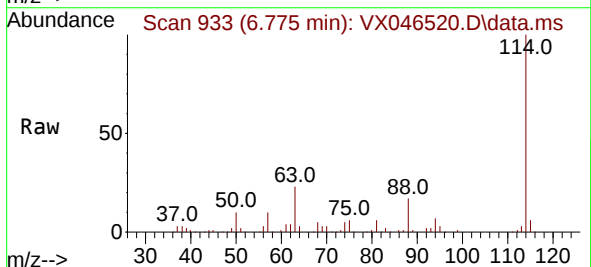
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.775 min Scan# 933
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

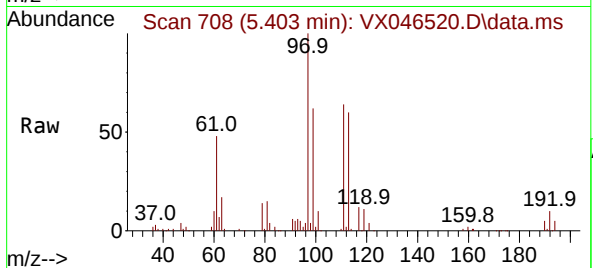
Tgt Ion:114 Resp: 156192
Ion Ratio Lower Upper
114 100
63 22.8 0.0 49.2
88 17.2 0.0 33.6





#35
Dibromofluoromethane
Concen: 49.986 ug/l
RT: 5.403 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

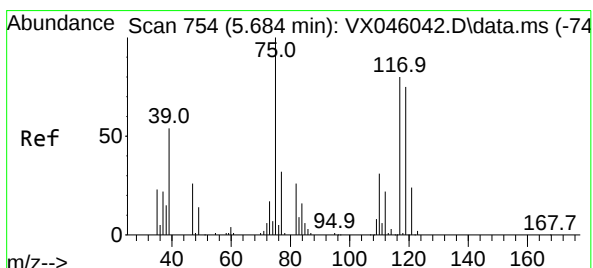
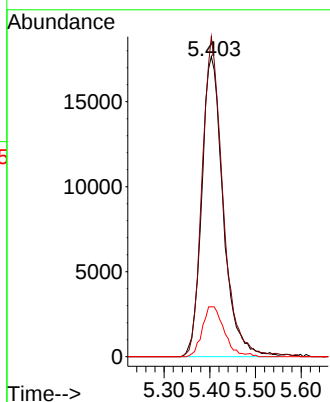
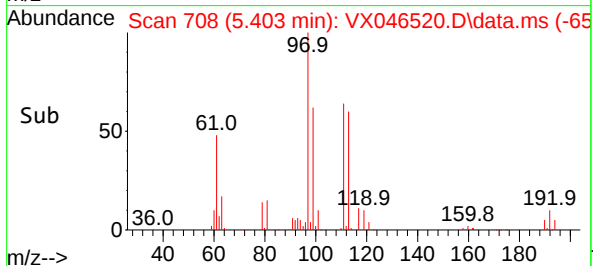
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:113 Resp: 57410
Ion Ratio Lower Upper
113 100
111 103.3 83.1 124.7
192 17.1 13.3 19.9

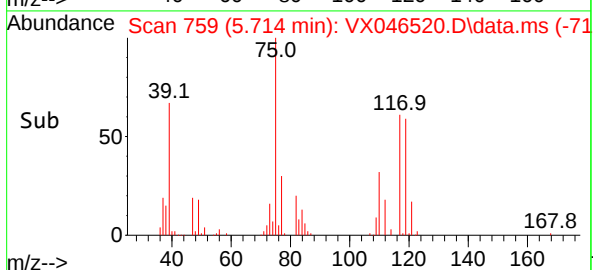
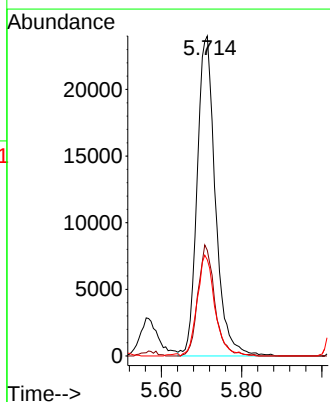
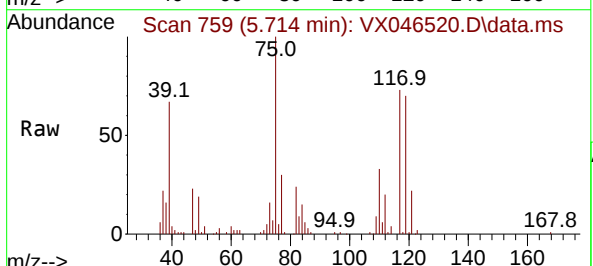
Manual Integrations
APPROVED

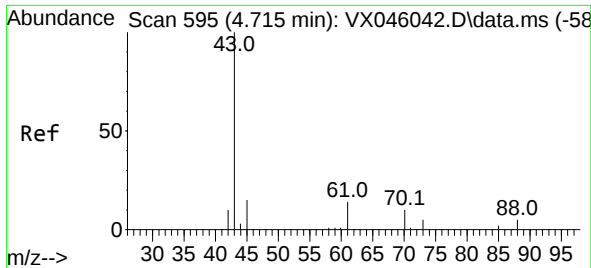
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#36
1,1-Dichloropropene
Concen: 46.165 ug/l
RT: 5.714 min Scan# 759
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

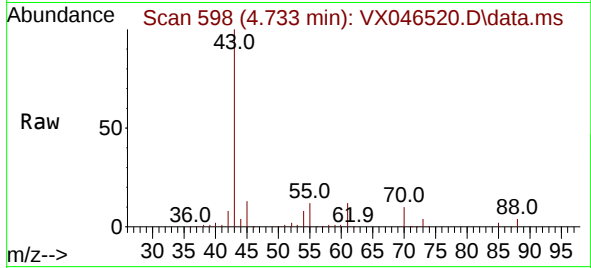
Tgt Ion: 75 Resp: 75745
Ion Ratio Lower Upper
75 100
110 32.2 16.3 48.9
77 30.8 24.3 36.5





#37
Ethyl Acetate
Concen: 54.042 ug/l
RT: 4.733 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

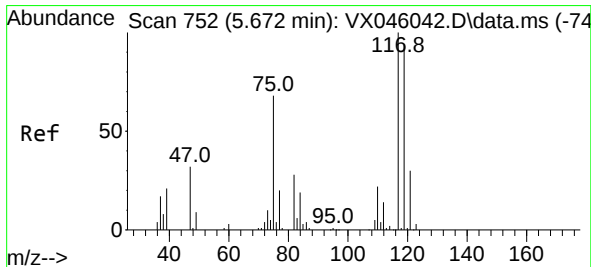
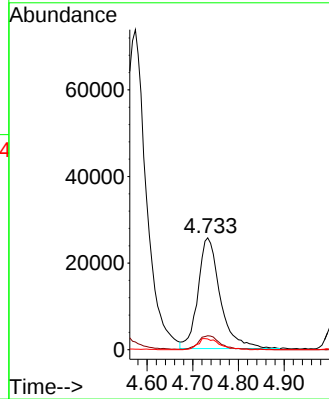
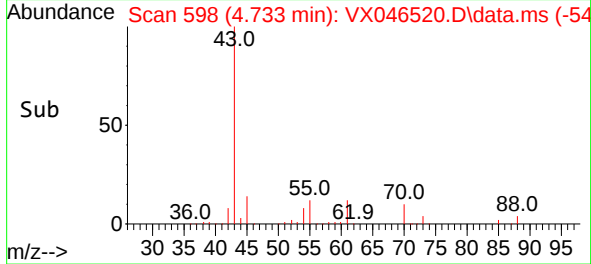
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 8652
Ion Ratio Lower Upper
43 100
61 11.7 10.3 15.5
70 9.7 7.9 11.9

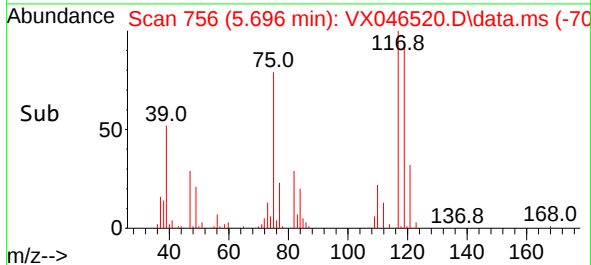
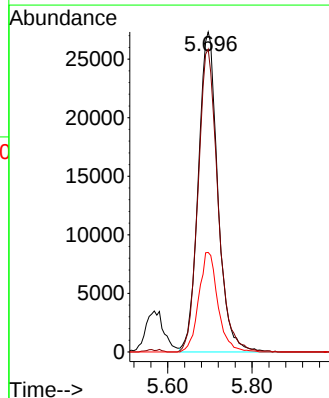
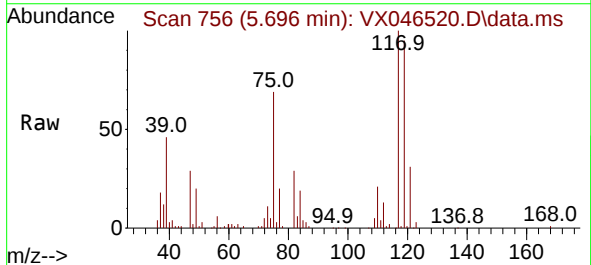
Manual Integrations
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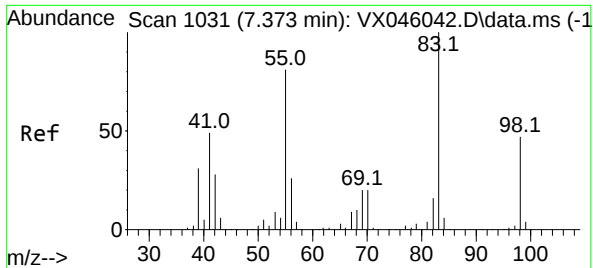
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#38
Carbon Tetrachloride
Concen: 47.920 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion:117 Resp: 88063
Ion Ratio Lower Upper
117 100
119 94.6 75.2 112.8
121 31.1 24.2 36.4





#39

Methylcyclohexane

Concen: 46.141 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

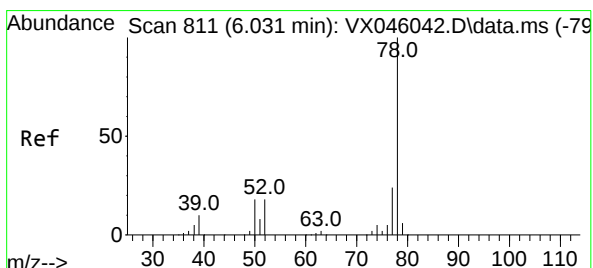
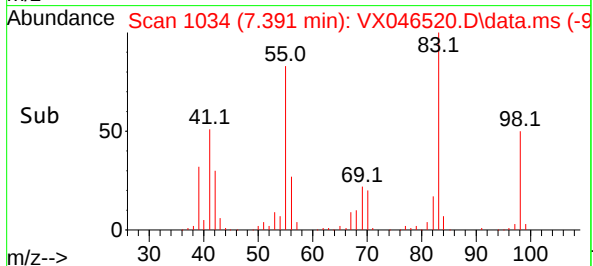
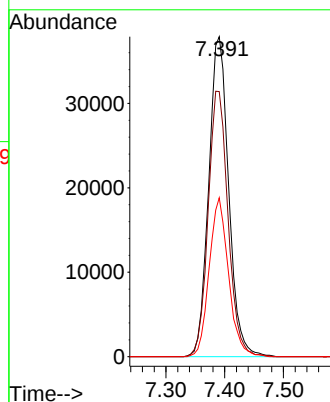
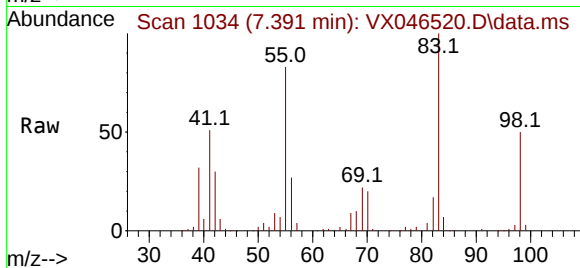
Tgt Ion: 83	Resp: 8935
Ion Ratio	Lower Upper
83	100
55	82.9 64.7 97.1
98	49.6 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#40

Benzene

Concen: 48.257 ug/l

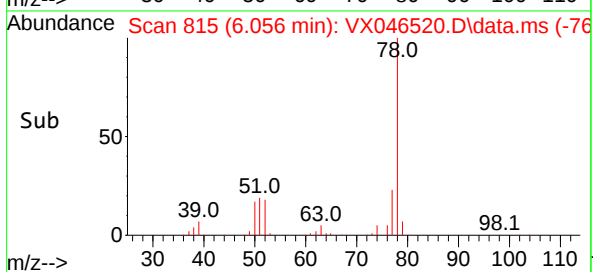
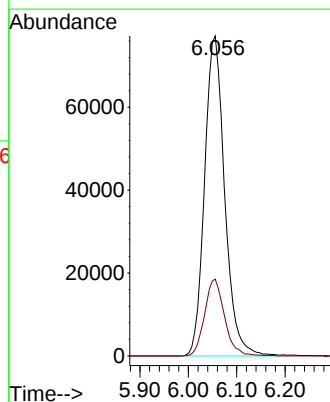
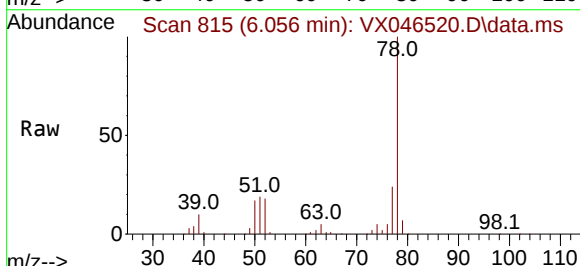
RT: 6.056 min Scan# 815

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

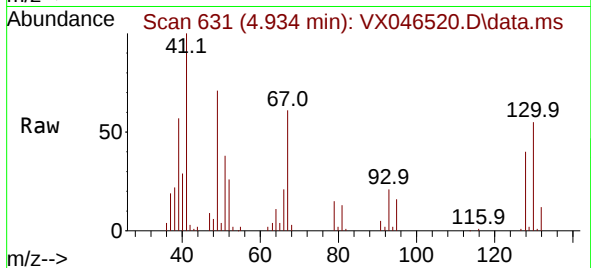
Tgt Ion: 78	Resp: 222898
Ion Ratio	Lower Upper
78	100
77	24.0 19.0 28.4





#41
Methacrylonitrile
Concen: 50.720 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

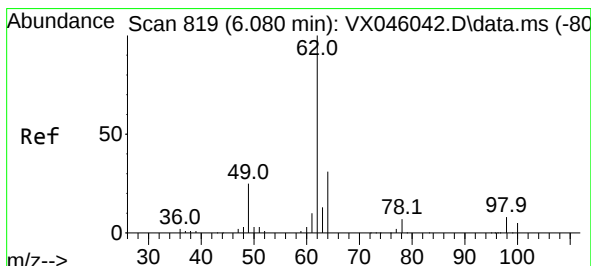
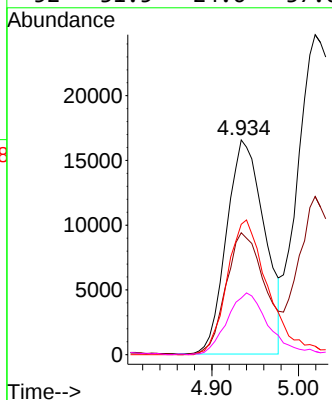
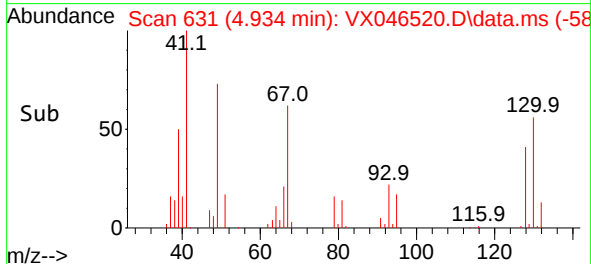
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 41 Resp: 5043
Ion Ratio Lower Upper
41 100
39 60.1 47.2 70.8
67 69.1 50.7 76.1
52 31.5 24.6 37.0

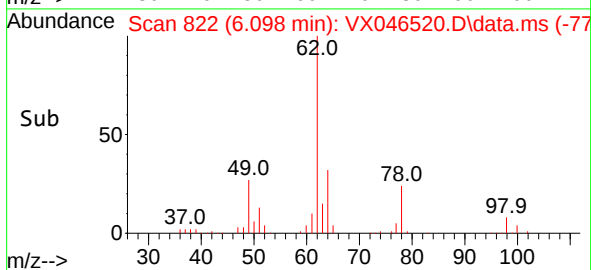
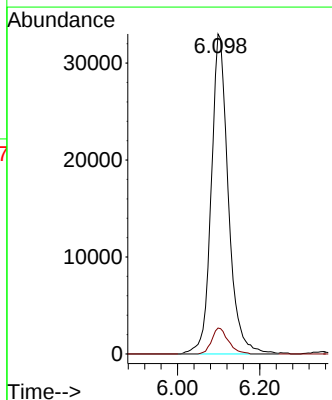
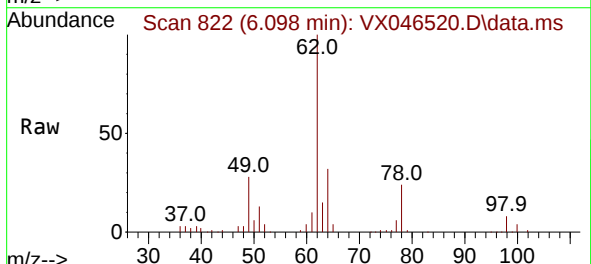
Manual Integrations
APPROVED

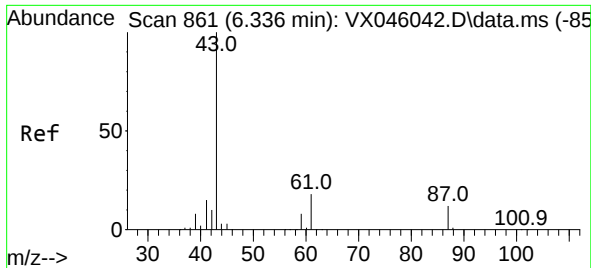
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#42
1,2-Dichloroethane
Concen: 49.590 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

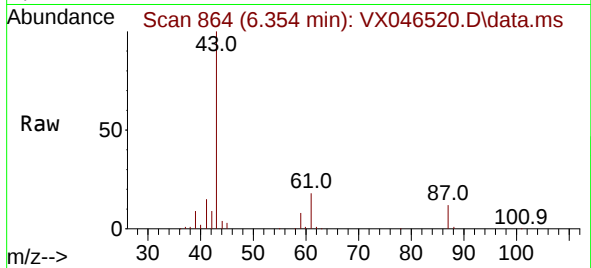
Tgt Ion: 62 Resp: 95292
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.2





#43
Isopropyl Acetate
Concen: 51.653 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

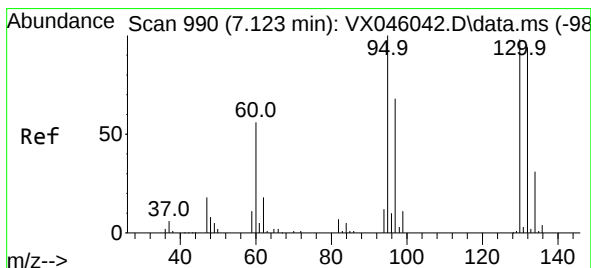
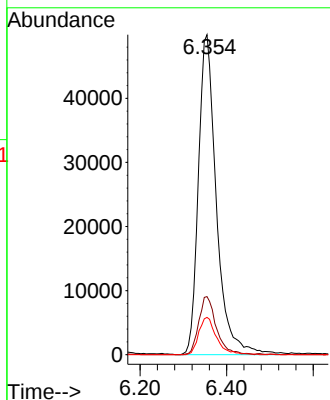
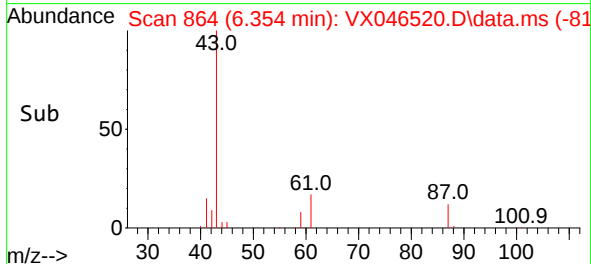
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 144198
Ion Ratio Lower Upper
43 100
61 17.7 14.3 21.5
87 11.4 9.5 14.3

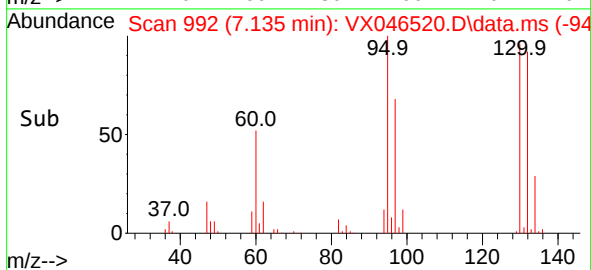
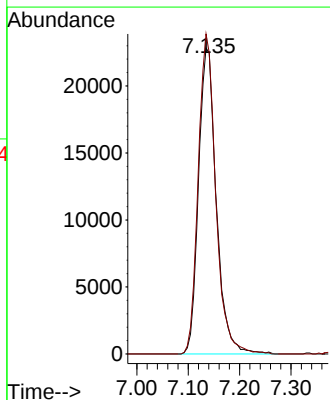
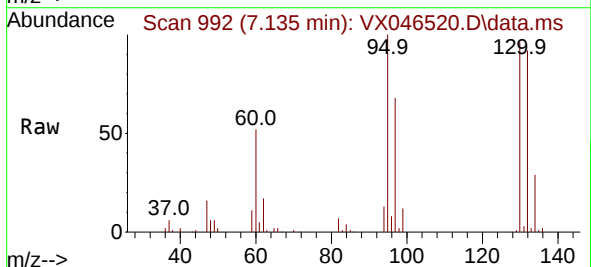
Manual Integrations
APPROVED

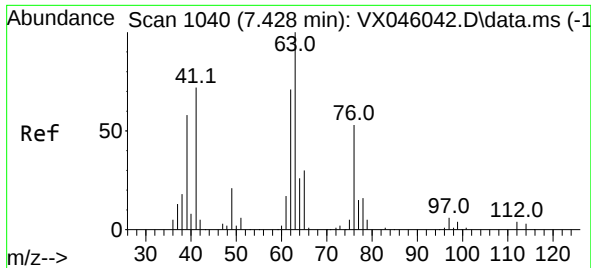
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#44
Trichloroethene
Concen: 46.686 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion:130 Resp: 54791
Ion Ratio Lower Upper
130 100
95 104.6 0.0 204.2





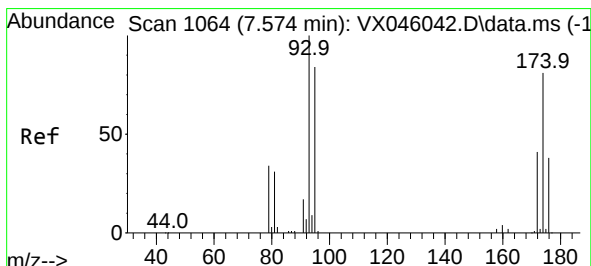
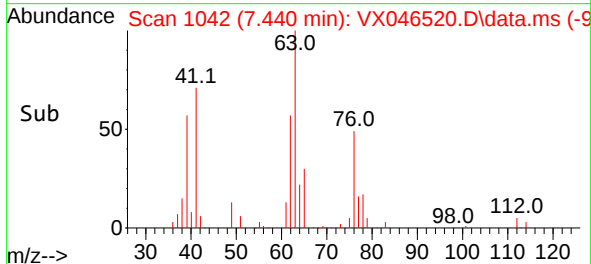
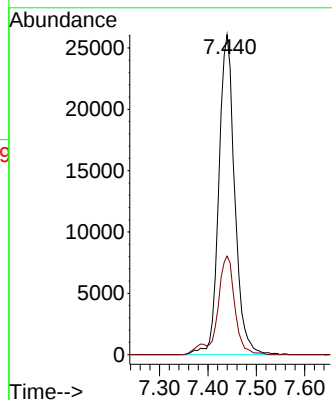
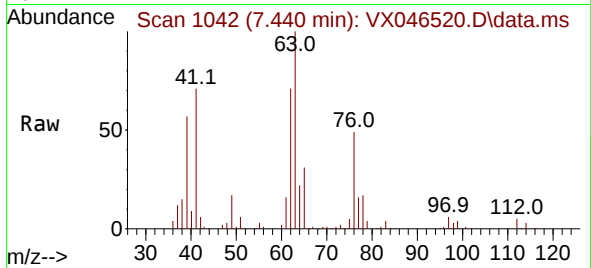
#45
1,2-Dichloropropane
Concen: 49.904 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 63 Resp: 5949
Ion Ratio Lower Upper
63 100
65 30.8 24.1 36.1

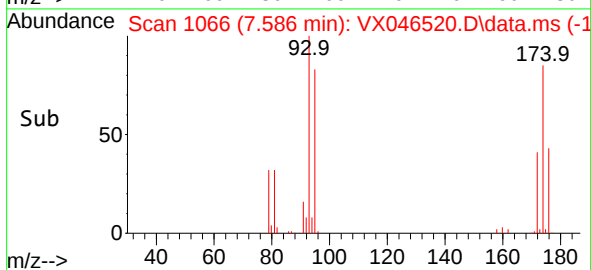
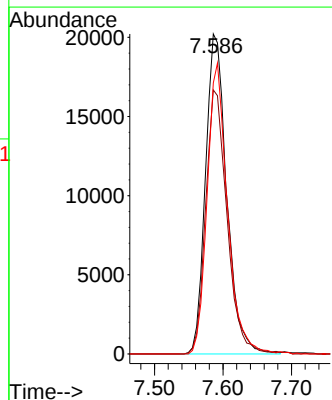
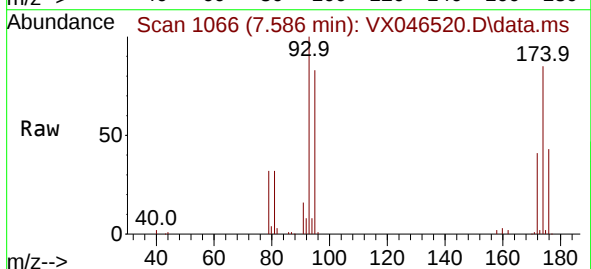
Manual Integrations
APPROVED

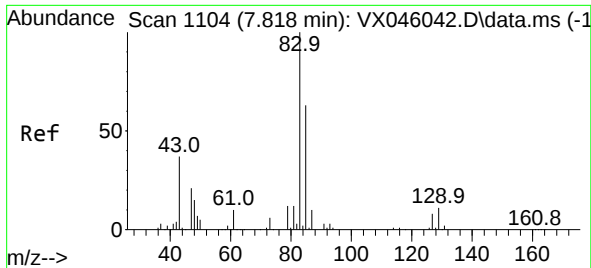
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#46
Dibromomethane
Concen: 48.609 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

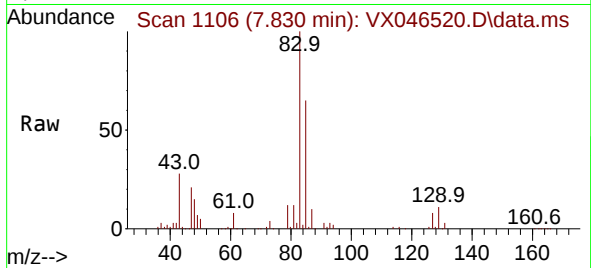
Tgt Ion: 93 Resp: 43598
Ion Ratio Lower Upper
93 100
95 83.2 65.6 98.4
174 87.0 68.2 102.2





#47
Bromodichloromethane
Concen: 51.052 ug/l
RT: 7.830 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

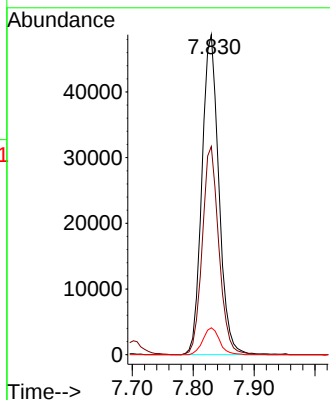
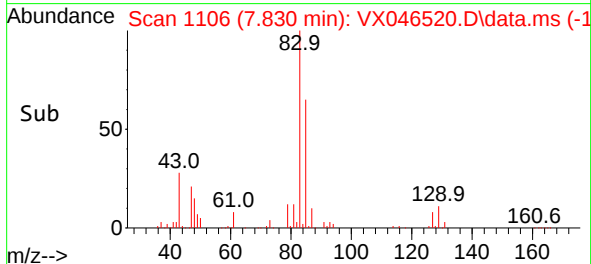
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



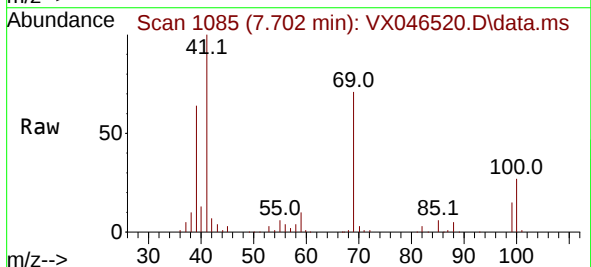
Tgt Ion: 83 Resp: 94149
Ion Ratio Lower Upper
83 100
85 65.0 50.5 75.7
127 8.4 6.5 9.7

Manual Integrations
APPROVED

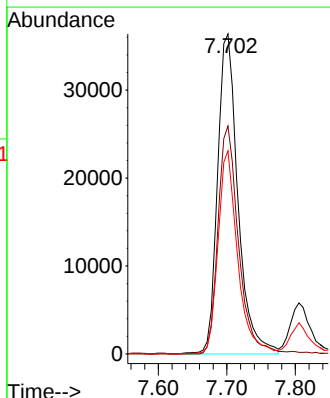
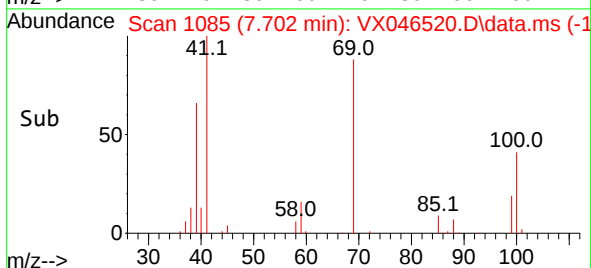
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

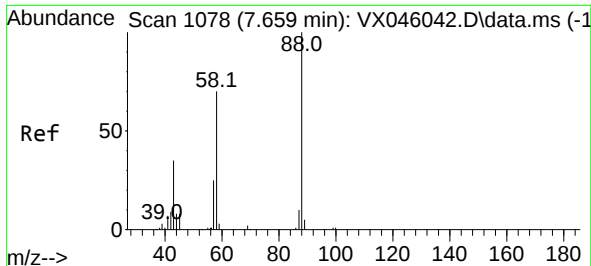


#48
Methyl methacrylate
Concen: 52.285 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



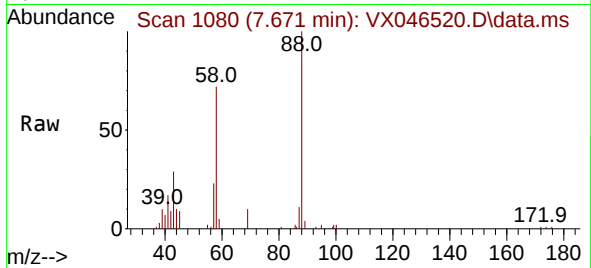
Tgt Ion: 41 Resp: 75100
Ion Ratio Lower Upper
41 100
69 71.3 58.5 87.7
39 60.9 51.7 77.5





#49
1,4-Dioxane
Concen: 1031.079 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

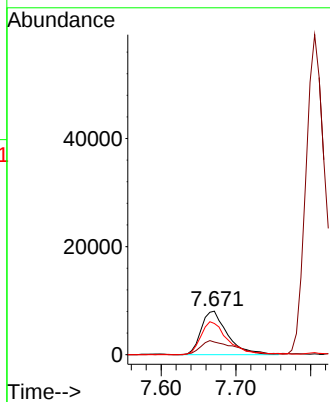
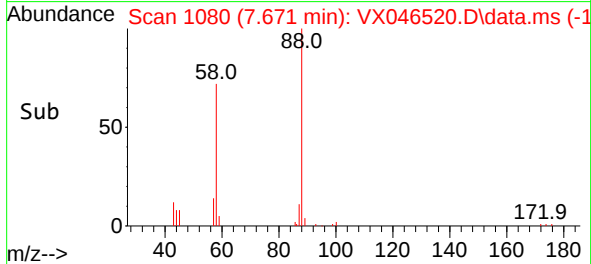
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



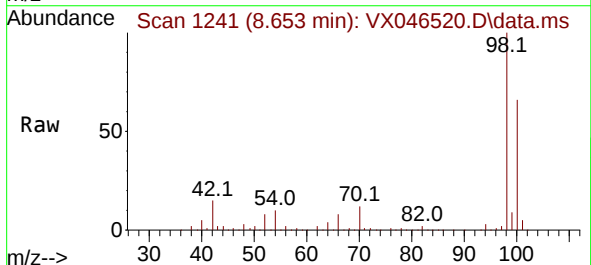
Tgt Ion: 88 Resp: 1980
Ion Ratio Lower Upper
88 100
43 41.6 33.4 50.2
58 76.4 58.6 88.0

Manual Integrations
APPROVED

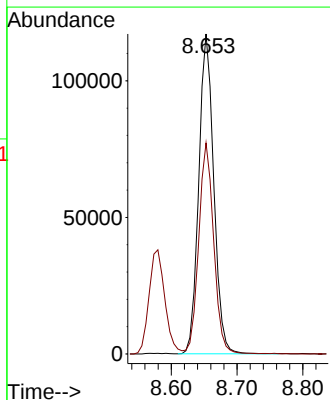
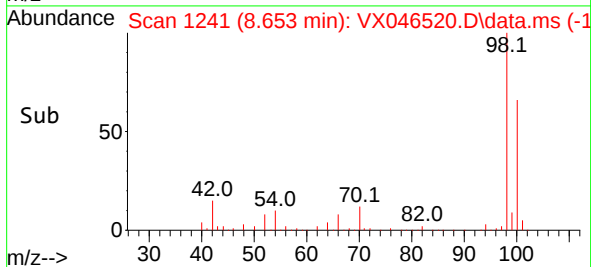
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

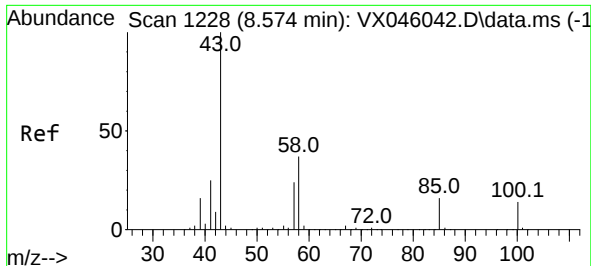


#50
Toluene-d8
Concen: 49.000 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



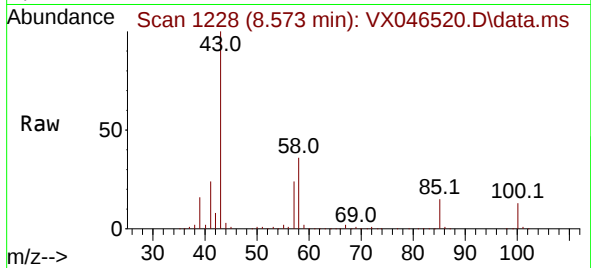
Tgt Ion: 98 Resp: 185557
Ion Ratio Lower Upper
98 100
100 65.8 53.5 80.3





#51
4-Methyl-2-Pentanone
Concen: 260.948 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

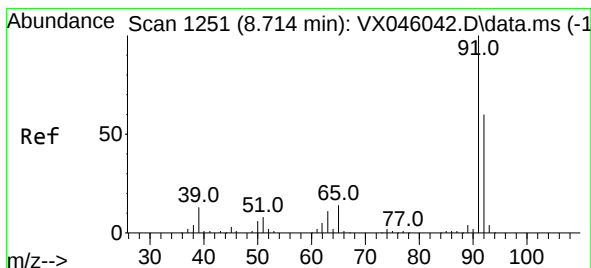
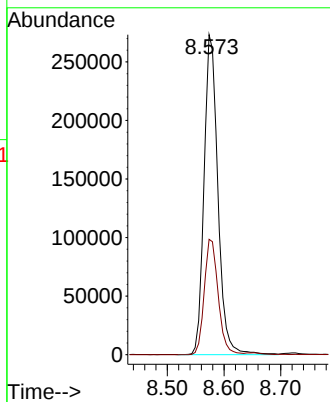
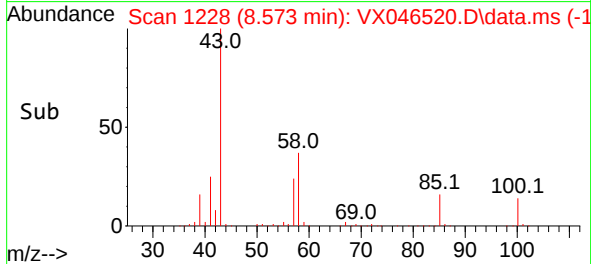
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 462924
Ion Ratio Lower Upper
43 100
58 36.3 28.9 43.3

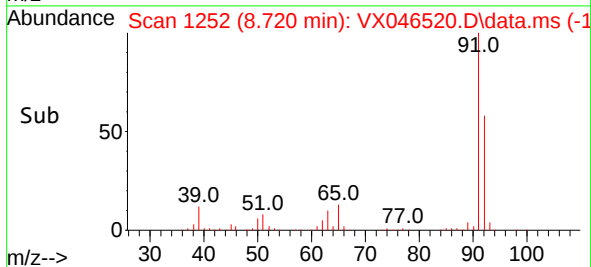
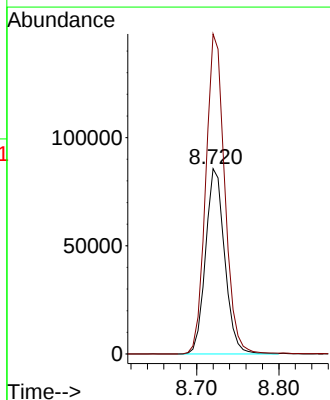
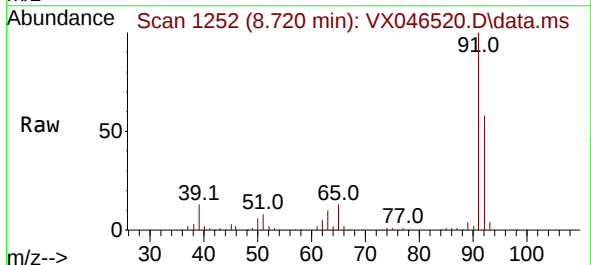
Manual Integrations
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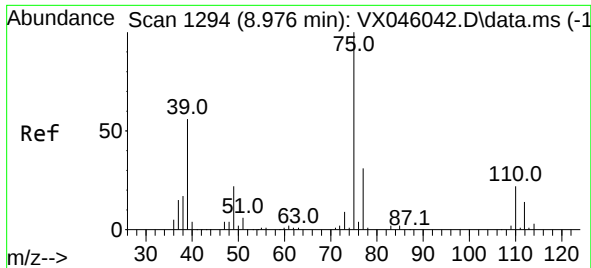
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#52
Toluene
Concen: 48.677 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion: 92 Resp: 138129
Ion Ratio Lower Upper
92 100
91 171.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 51.223 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 75 Resp: 8469

Ion Ratio Lower Upper

75 100

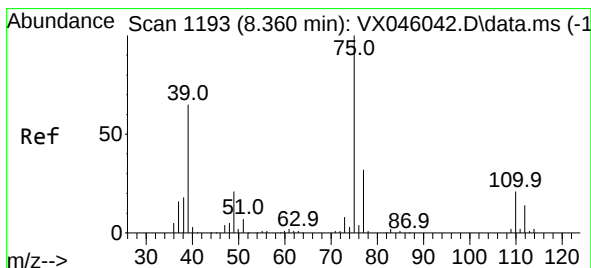
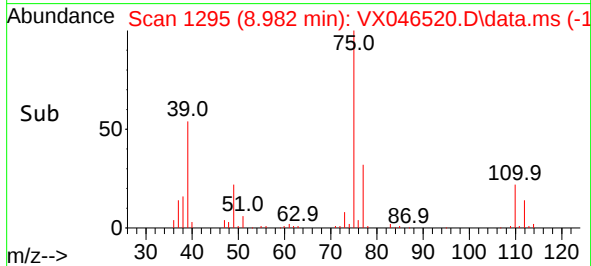
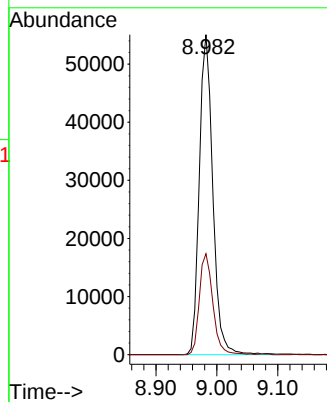
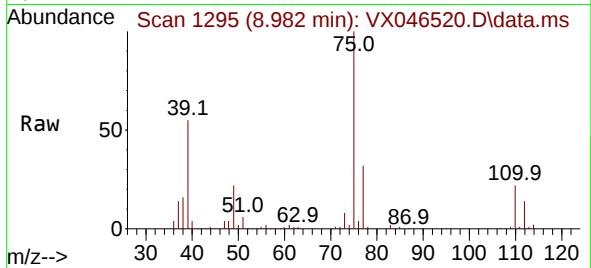
77 31.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#54

cis-1,3-Dichloropropene

Concen: 50.089 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

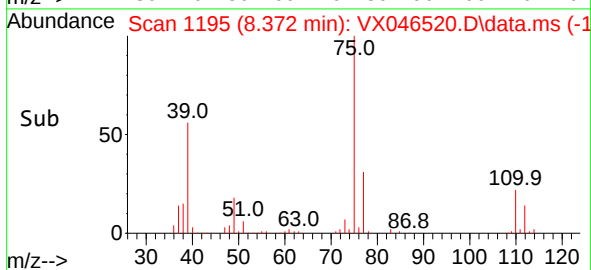
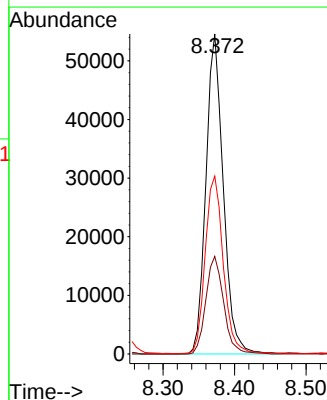
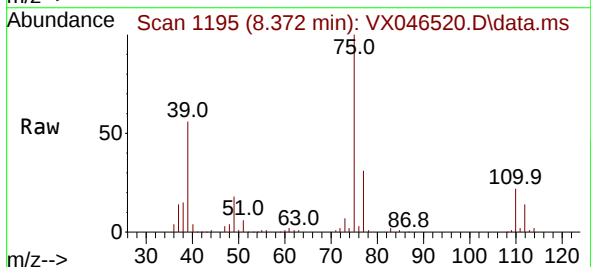
Tgt Ion: 75 Resp: 92087

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

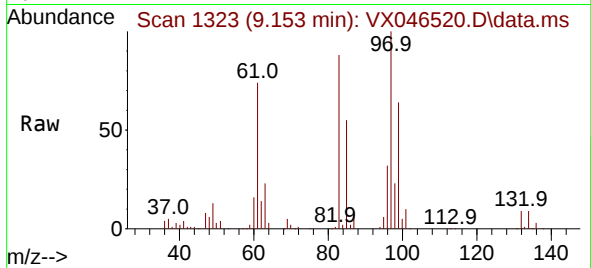
39 55.4 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 50.162 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

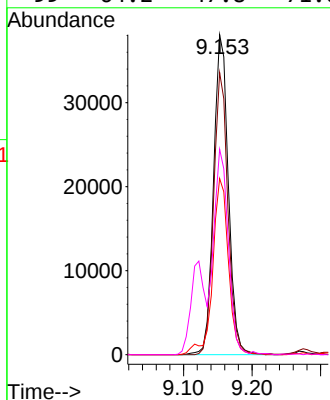
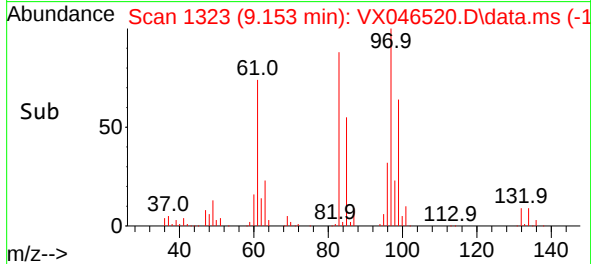
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



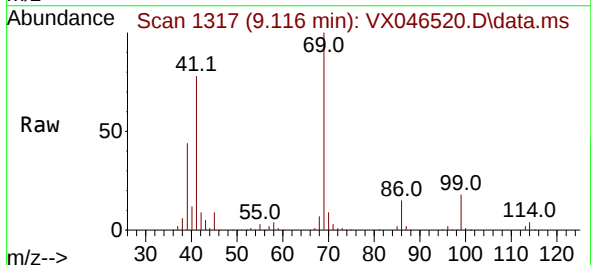
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.2	69.0	103.6
85	55.0	44.3	66.5
99	64.2	47.8	71.6

Manual Integrations
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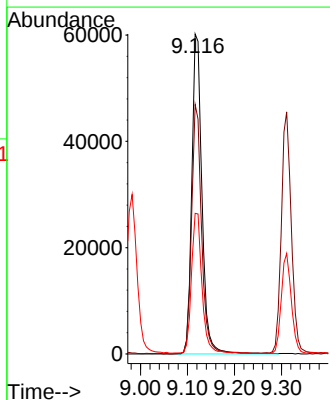
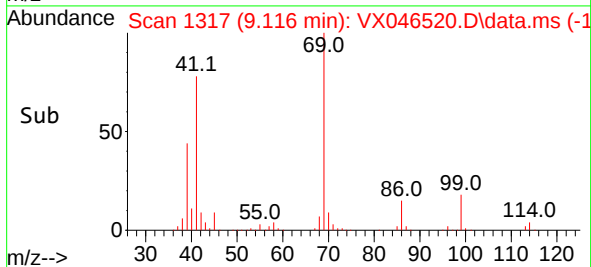
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

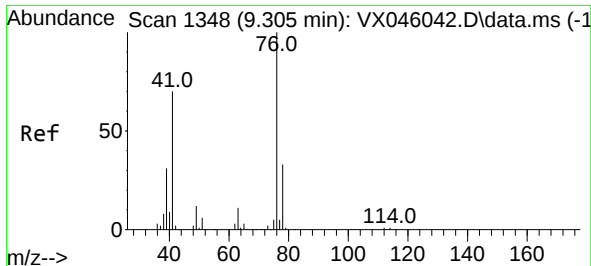


#56
Ethyl methacrylate
Concen: 51.943 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.1	60.8	91.2
39	45.6	39.0	58.6





#57

1,3-Dichloropropane

Concen: 49.312 ug/l

RT: 9.311 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 9927

Ion Ratio Lower Upper

76 100

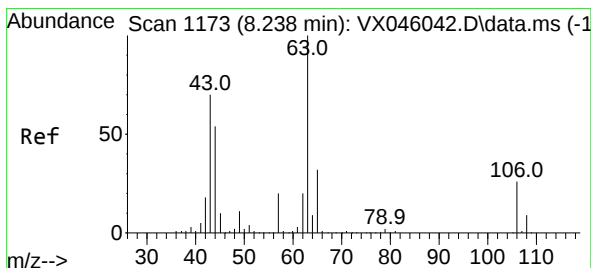
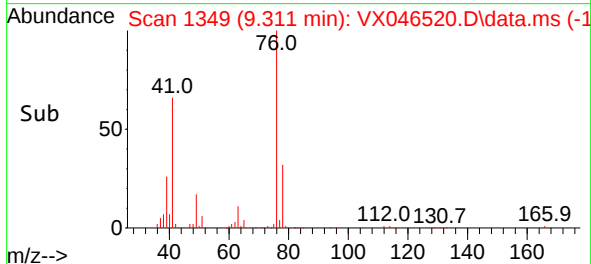
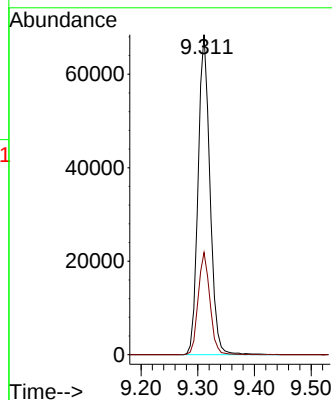
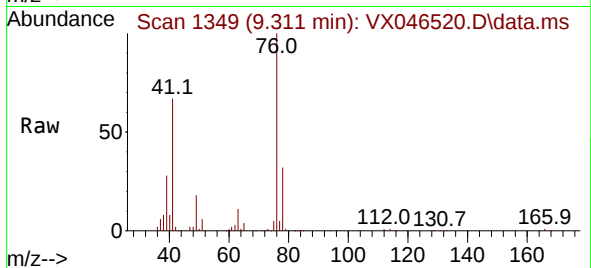
78 31.5 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#58

2-Chloroethyl Vinyl ether

Concen: 258.184 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046520.D

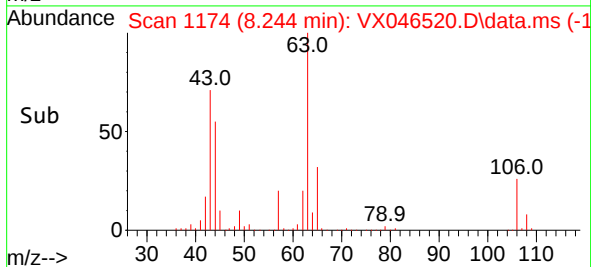
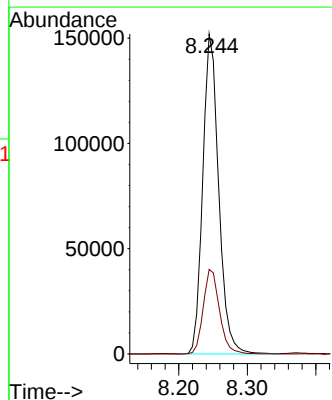
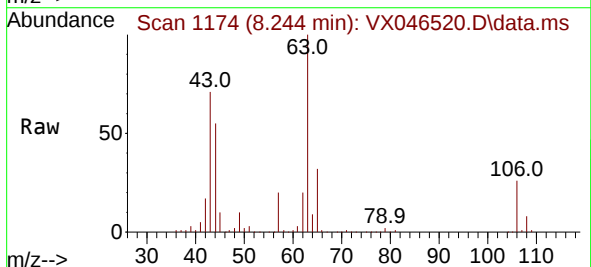
Acq: 06 Jun 2025 10:40

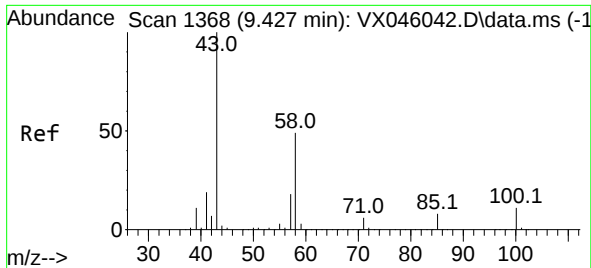
Tgt Ion: 63 Resp: 246532

Ion Ratio Lower Upper

63 100

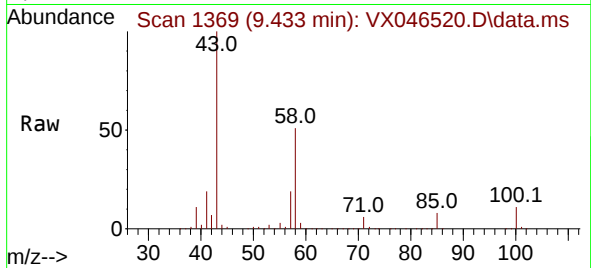
106 27.0 21.5 32.3





#59
2-Hexanone
Concen: 261.746 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

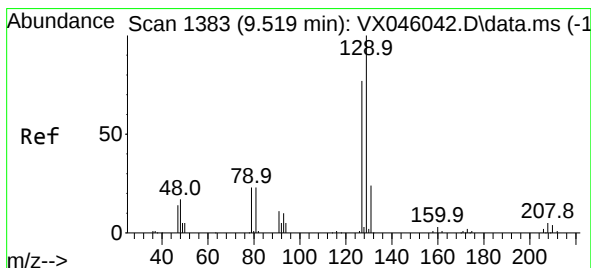
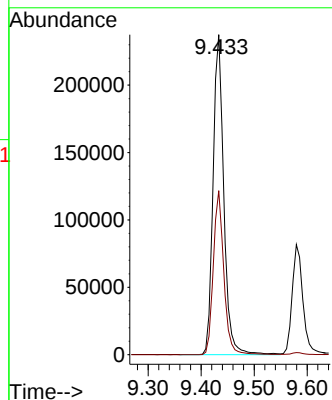
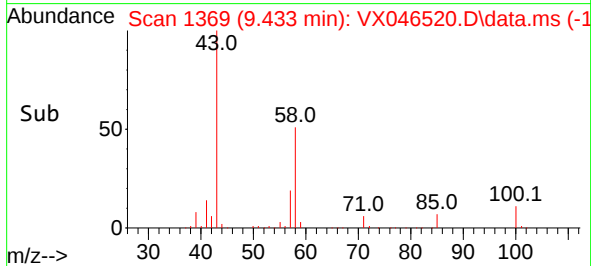
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 333019
Ion Ratio Lower Upper
43 100
58 50.3 24.9 74.6

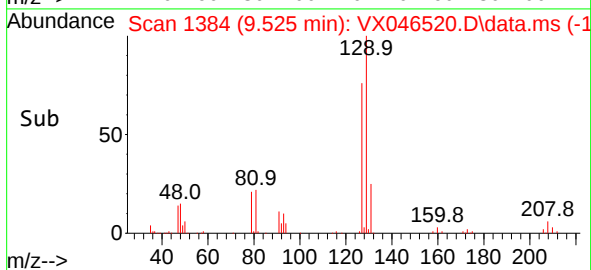
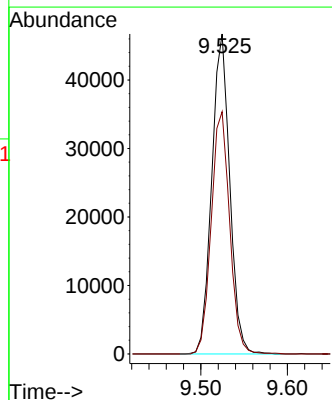
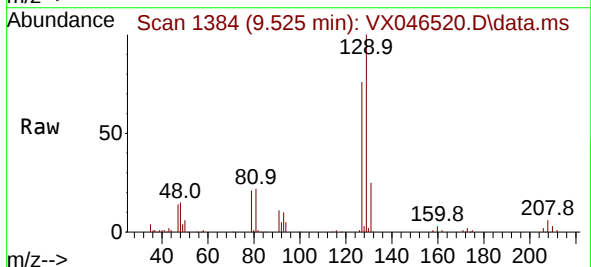
Manual Integrations
APPROVED

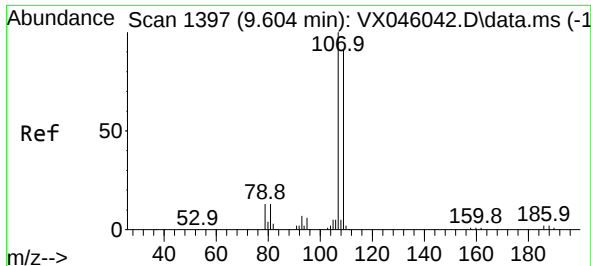
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#60
Dibromochloromethane
Concen: 50.307 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

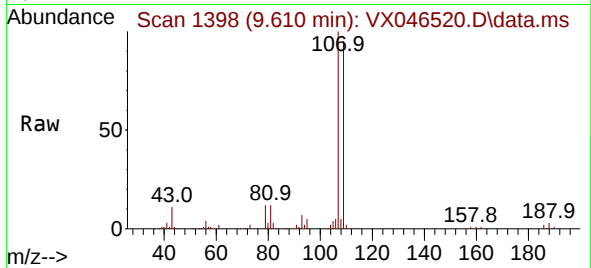
Tgt Ion:129 Resp: 67410
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61
1,2-Dibromoethane
Concen: 48.669 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

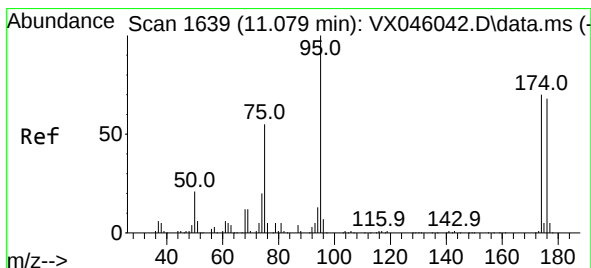
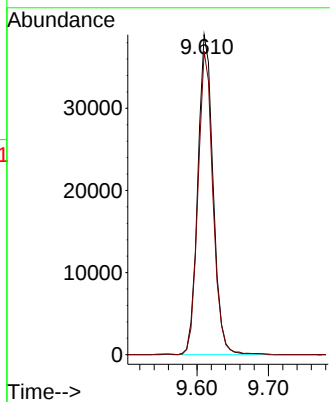
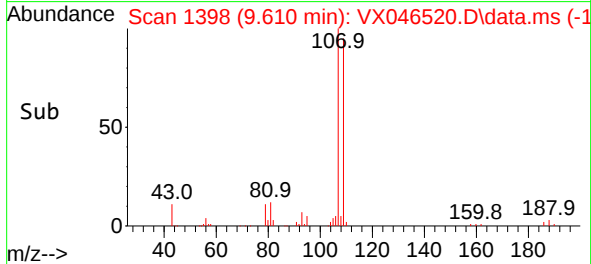
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 57774
Ion Ratio Lower Upper
107 100
109 93.0 73.3 109.9

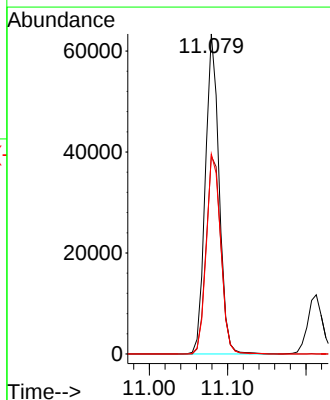
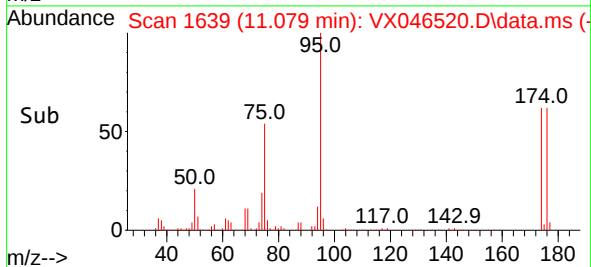
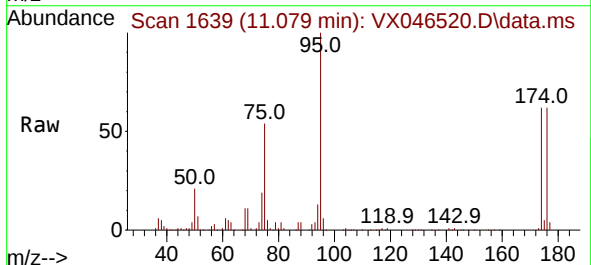
Manual Integrations
APPROVED

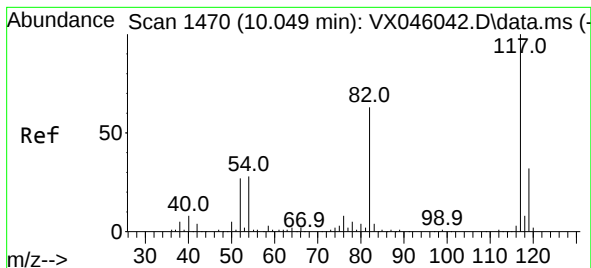
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#62
4-Bromofluorobenzene
Concen: 49.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

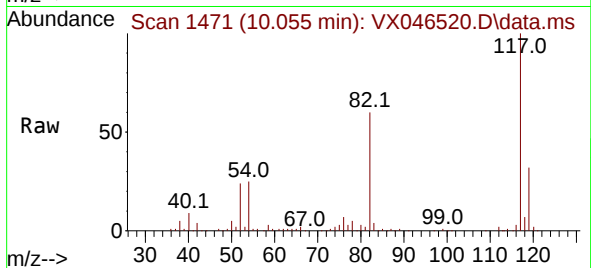
Tgt Ion: 95 Resp: 76988
Ion Ratio Lower Upper
95 100
174 66.0 0.0 135.8
176 65.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

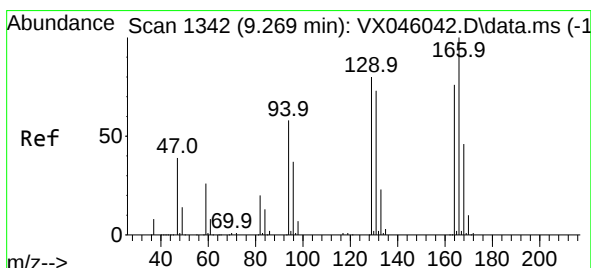
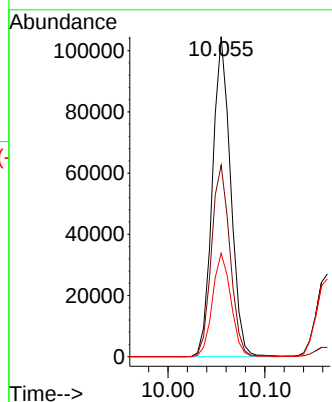
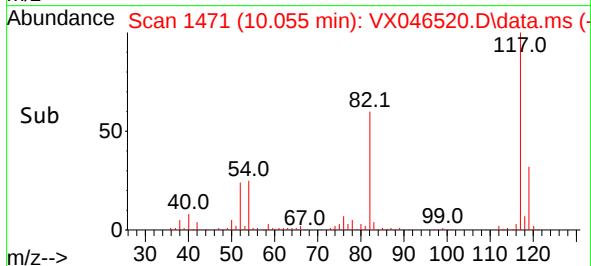
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 136564
Ion Ratio Lower Upper
117 100
82 59.9 50.6 76.0
119 32.3 25.8 38.6

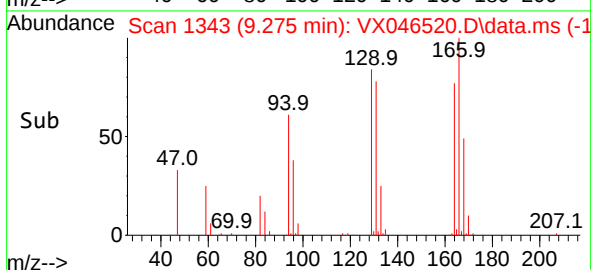
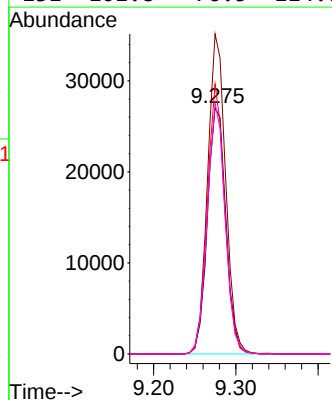
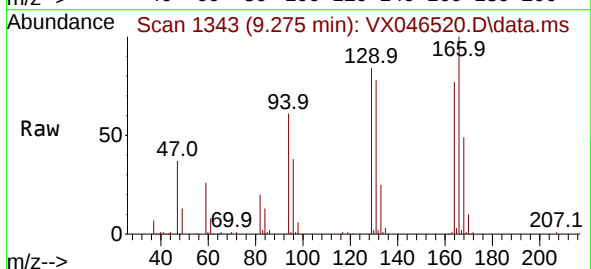
Manual Integrations
APPROVED

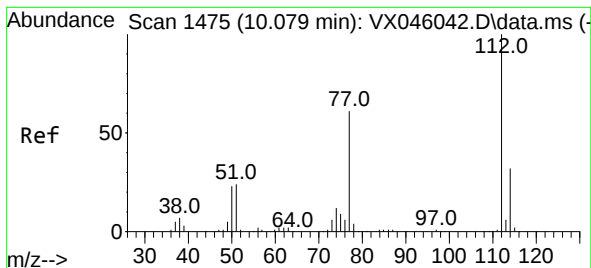
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#64
Tetrachloroethene
Concen: 46.308 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion:164 Resp: 42288
Ion Ratio Lower Upper
164 100
166 130.2 105.0 157.6
129 109.7 83.5 125.3
131 101.8 76.5 114.7





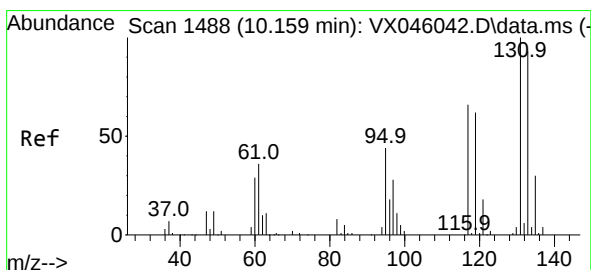
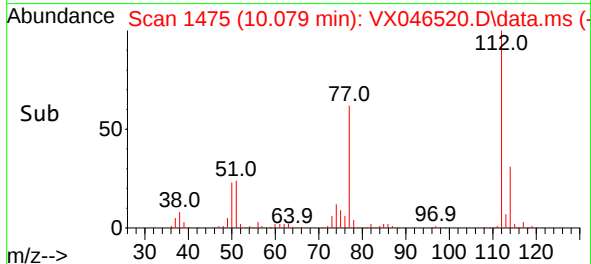
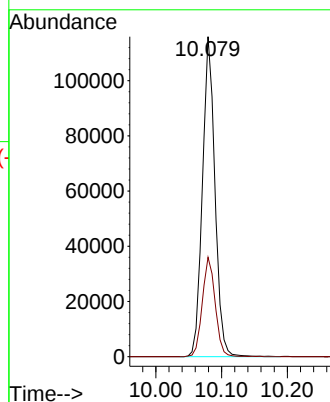
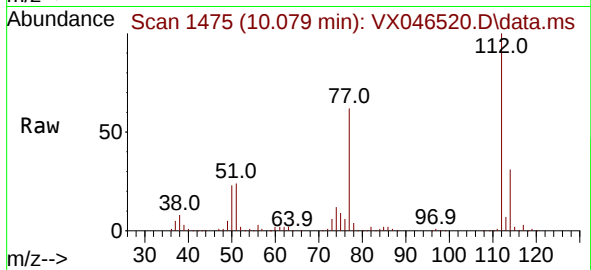
#65
Chlorobenzene
Concen: 47.857 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:112 Resp: 153710
Ion Ratio Lower Upper
112 100
114 31.0 25.4 38.2

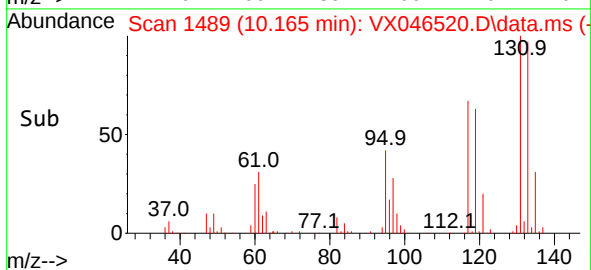
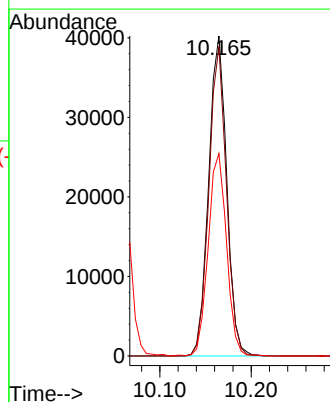
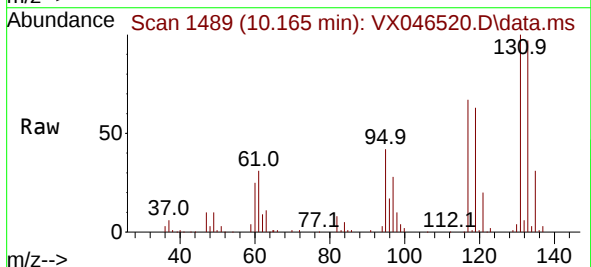
Manual Integrations
APPROVED

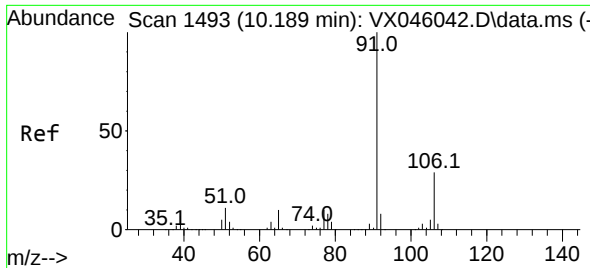
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.666 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

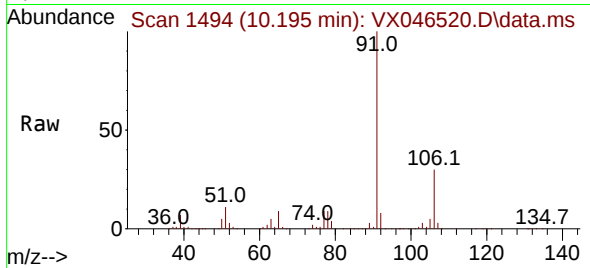
Tgt Ion:131 Resp: 54990
Ion Ratio Lower Upper
131 100
133 94.2 47.3 141.9
119 64.4 31.6 95.0





#67
Ethyl Benzene
Concen: 49.157 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

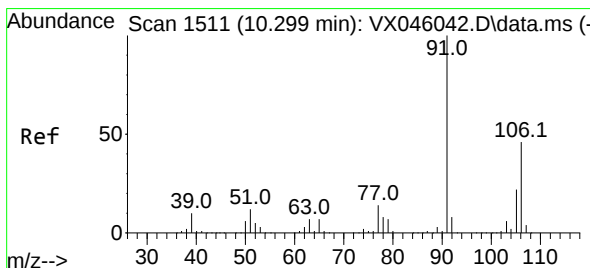
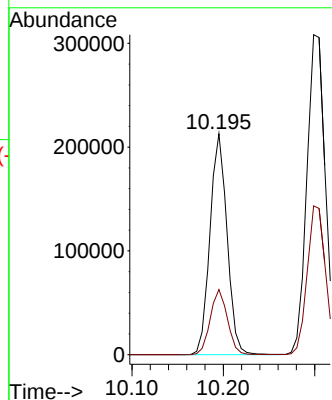
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 275620
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2

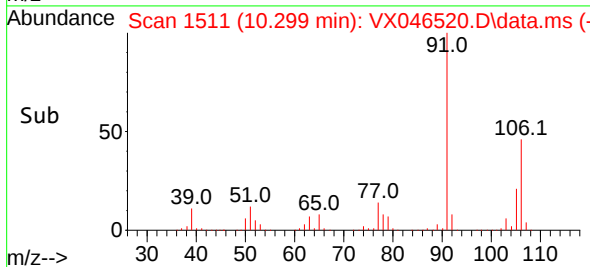
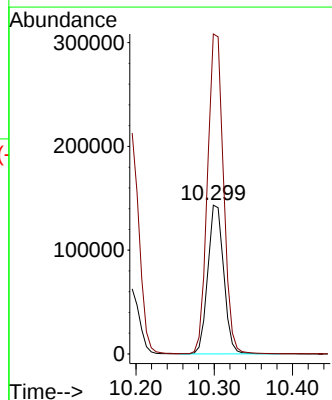
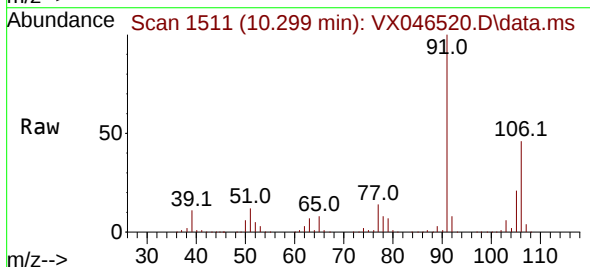
Manual Integrations
APPROVED

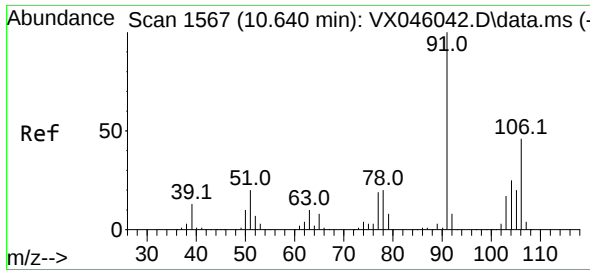
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#68
m/p-Xylenes
Concen: 98.982 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Tgt Ion:106 Resp: 201325
Ion Ratio Lower Upper
106 100
91 216.3 171.2 256.8





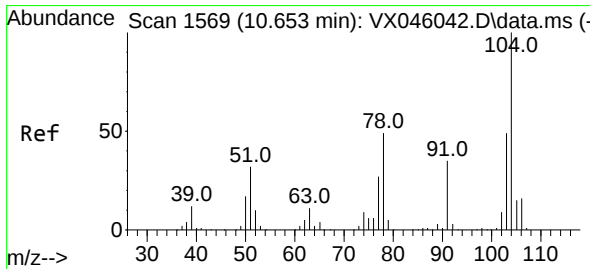
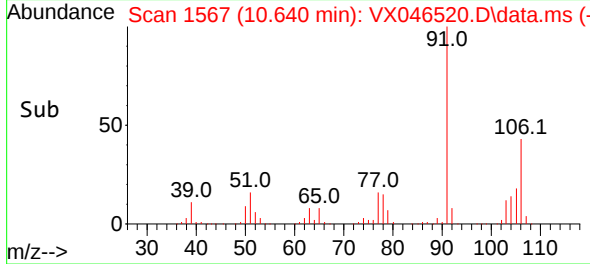
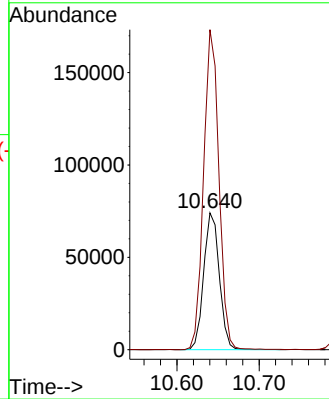
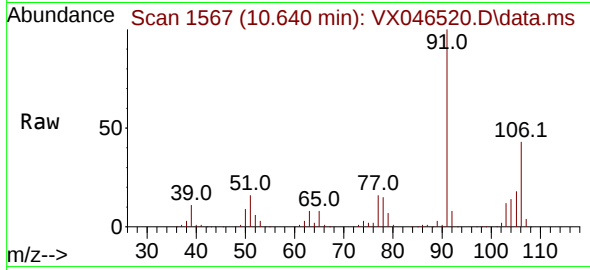
#69
o-Xylene
Concen: 49.696 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 97769
Ion Ratio Lower Upper
106 100
91 229.7 112.7 338.1

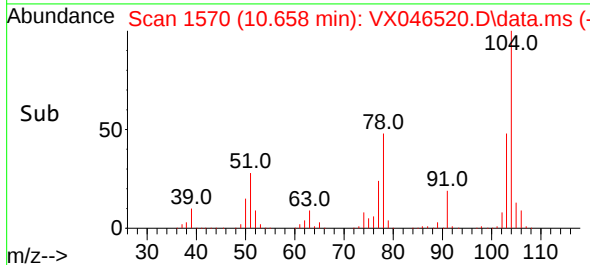
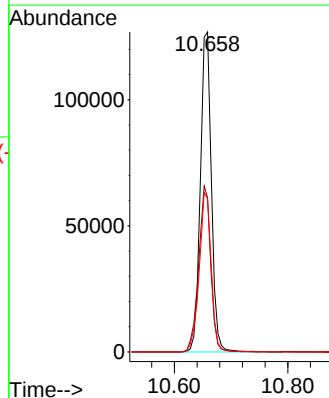
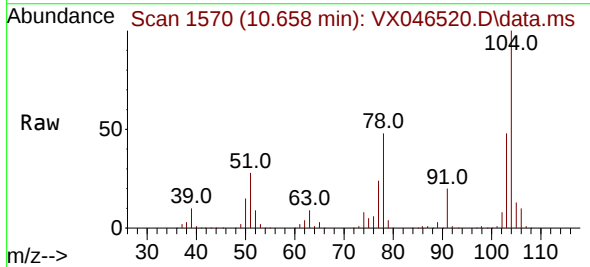
Manual Integrations
APPROVED

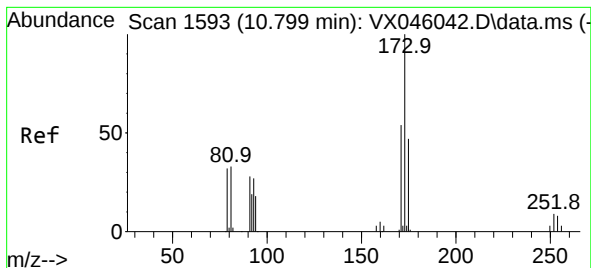
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#70
Styrene
Concen: 50.968 ug/l
RT: 10.658 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

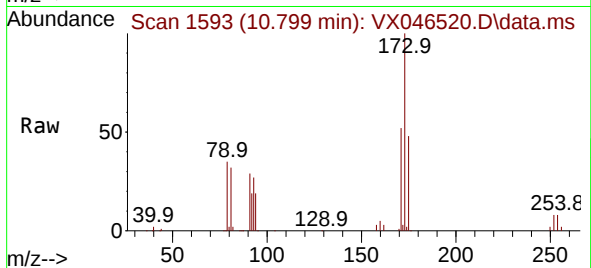
Tgt Ion:104 Resp: 171642
Ion Ratio Lower Upper
104 100
78 56.6 45.7 68.5
103 54.2 43.7 65.5





#71
Bromoform
Concen: 51.382 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

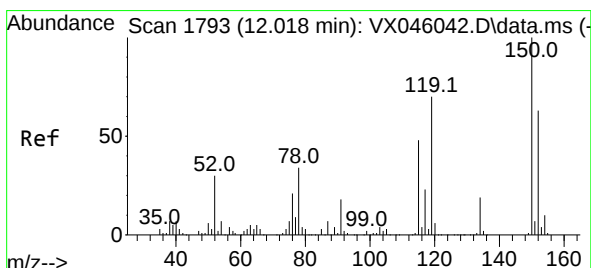
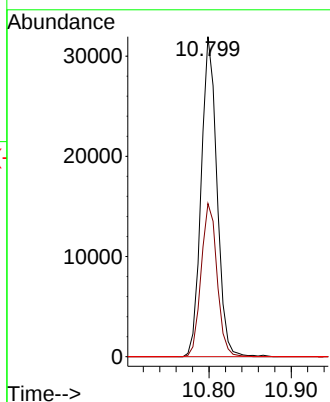
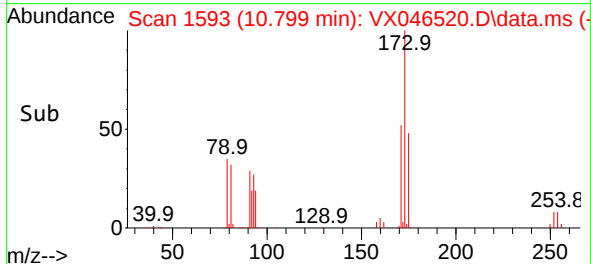
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



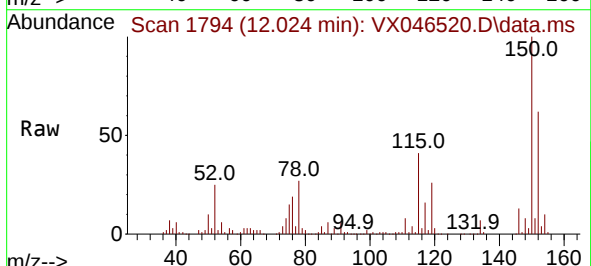
Tgt Ion:173 Resp: 4252
Ion Ratio Lower Upper
173 100
175 48.3 23.4 70.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

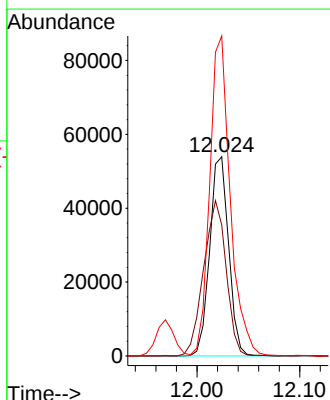
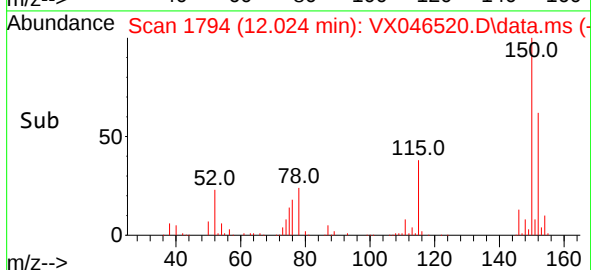
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

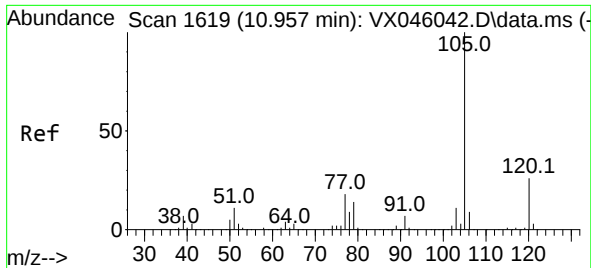


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



Tgt Ion:152 Resp: 68831
Ion Ratio Lower Upper
152 100
115 92.9 46.9 140.7
150 173.7 0.0 351.0





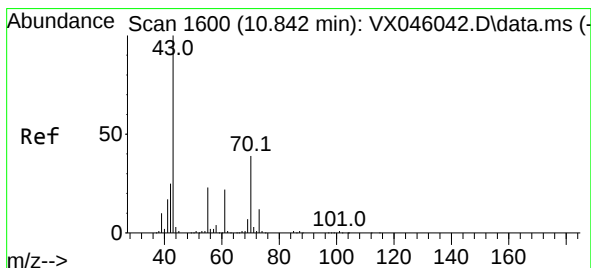
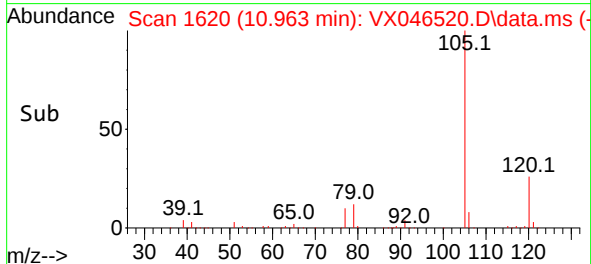
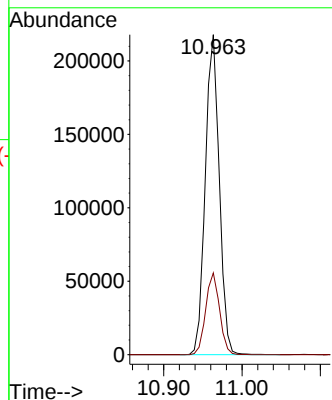
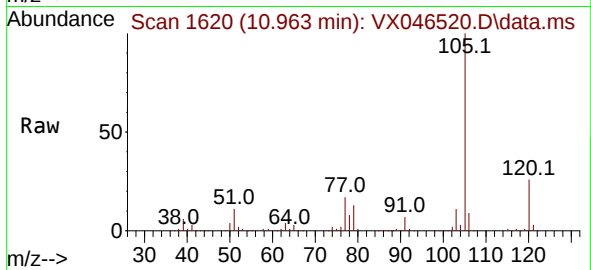
#73
Isopropylbenzene
Concen: 49.729 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:105 Resp: 269074
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

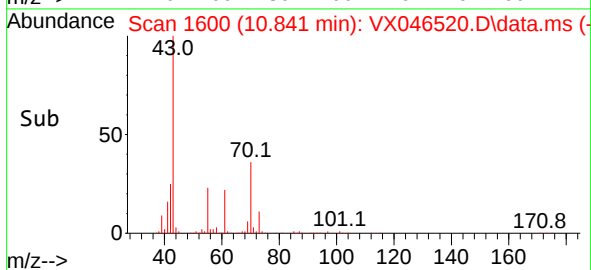
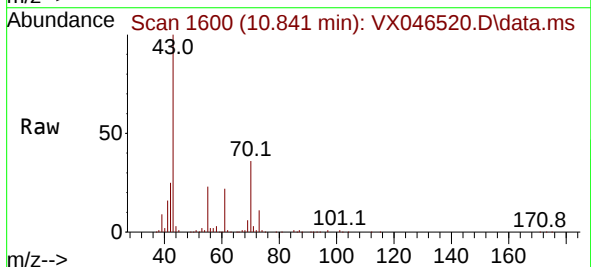
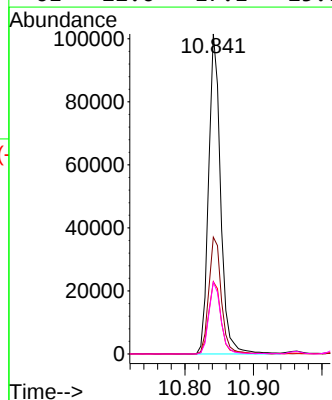
Manual Integrations
APPROVED

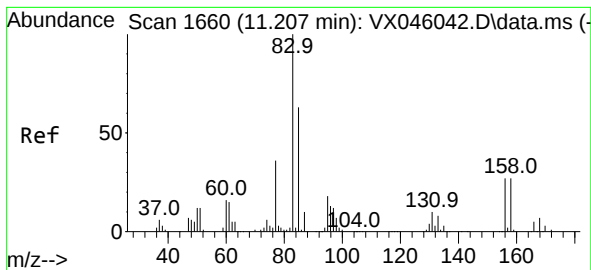
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#74
N-ethyl acetate
Concen: 52.072 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

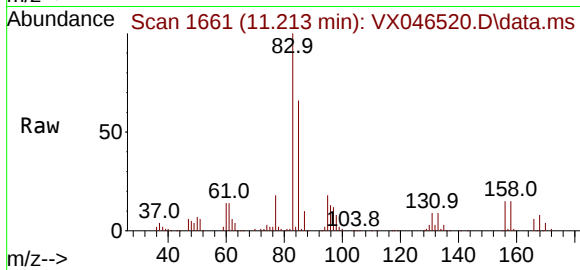
Tgt Ion: 43 Resp: 124077
Ion Ratio Lower Upper
43 100
70 38.3 30.9 46.3
55 23.5 18.7 28.1
61 22.6 17.1 25.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.967 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX046520.D
 Acq: 06 Jun 2025 10:40

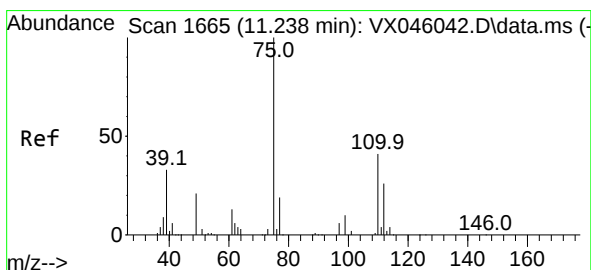
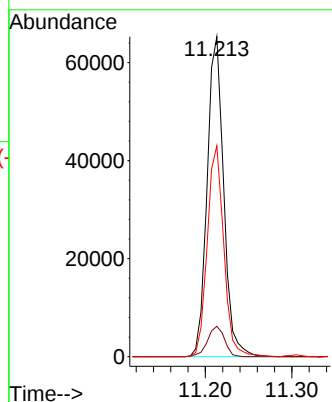
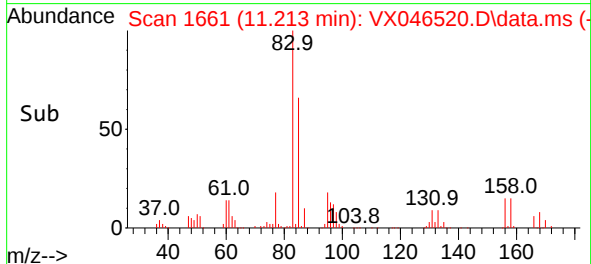
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



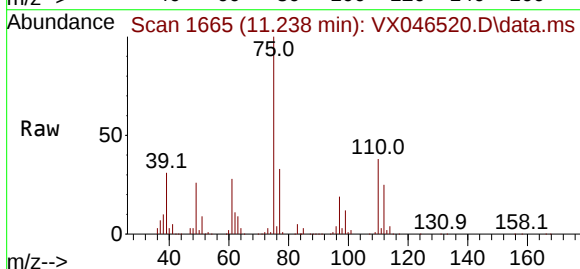
Tgt Ion: 83 Resp: 86539
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.0 14.9
 85 65.8 31.9 95.7

Manual Integrations
 APPROVED

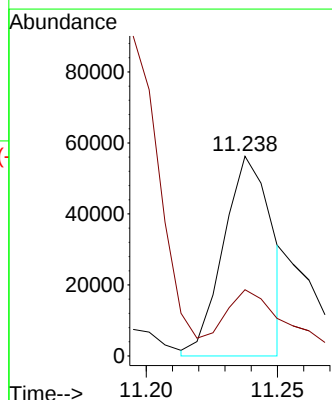
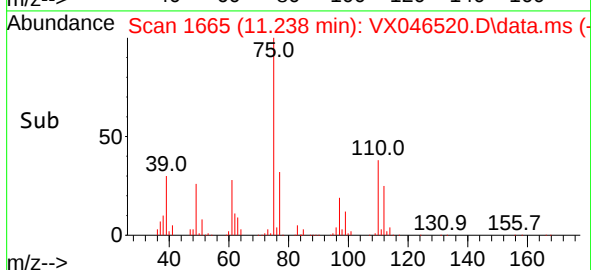
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025



#76
 1,2,3-Trichloropropane
 Concen: 48.702 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX046520.D
 Acq: 06 Jun 2025 10:40



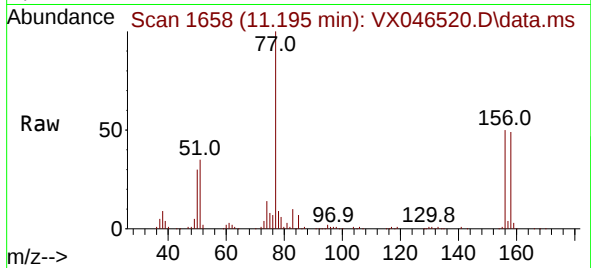
Tgt Ion: 75 Resp: 72182
 Ion Ratio Lower Upper
 75 100
 77 43.7 20.5 61.5





#77
Bromobenzene
Concen: 48.295 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

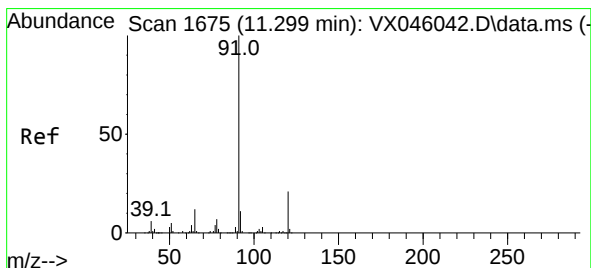
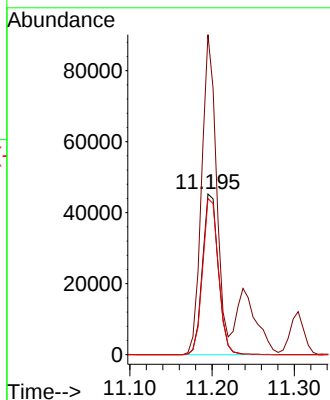
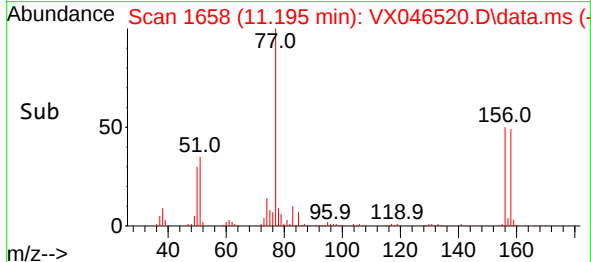
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



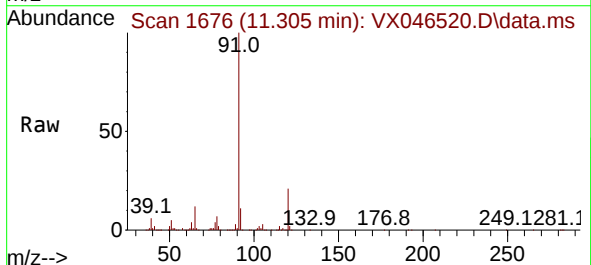
Tgt Ion:156 Resp: 6065
Ion Ratio Lower Upper
156 100
77 186.0 92.8 278.3
158 97.1 48.8 146.3

Manual Integrations
APPROVED

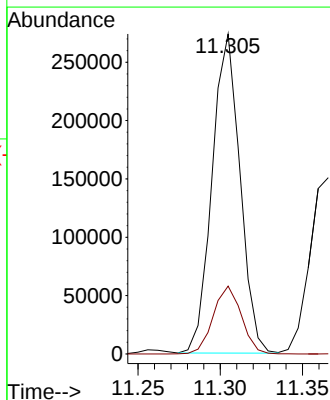
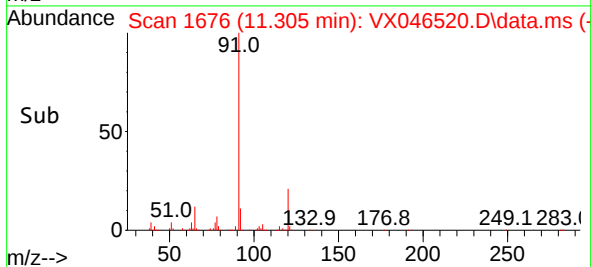
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

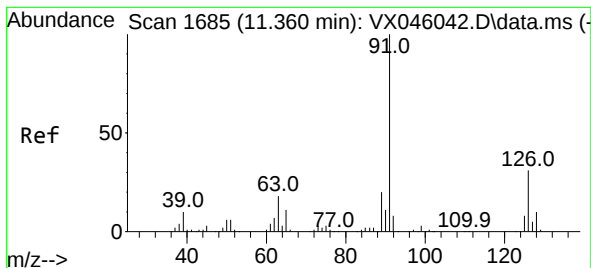


#78
n-propylbenzene
Concen: 49.325 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



Tgt Ion: 91 Resp: 323032
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.4





#79

2-Chlorotoluene

Concen: 48.549 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 19173

Ion Ratio Lower Upper

91 100

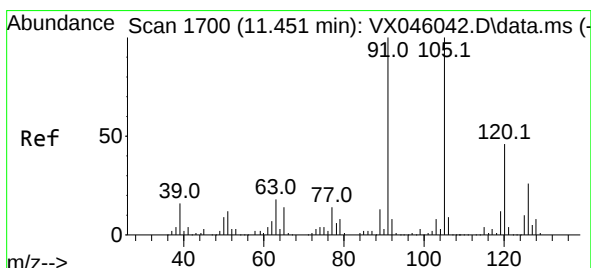
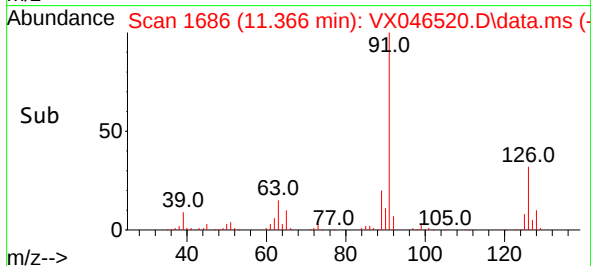
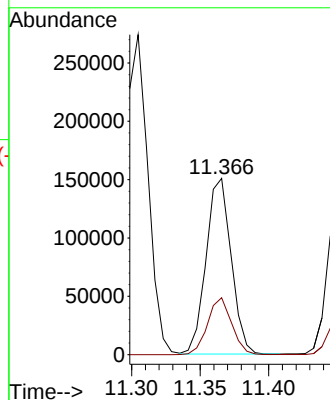
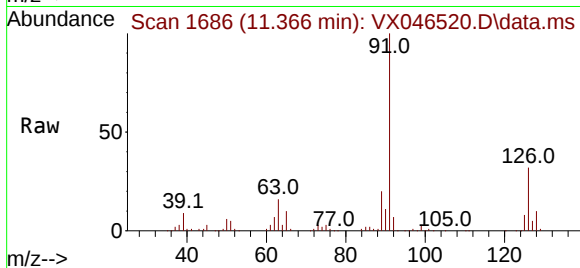
126 31.3 15.6 46.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#80

1,3,5-Trimethylbenzene

Concen: 49.500 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX046520.D

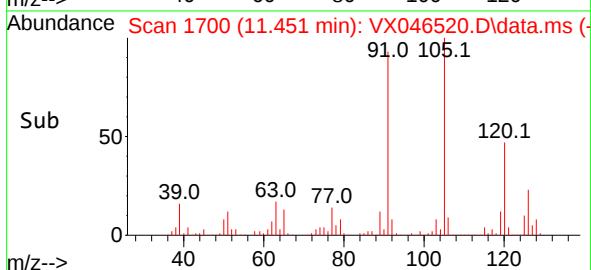
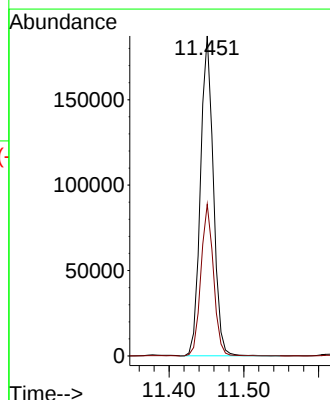
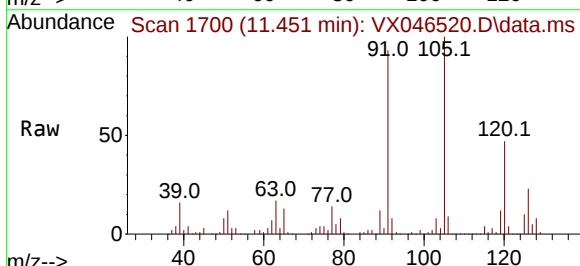
Acq: 06 Jun 2025 10:40

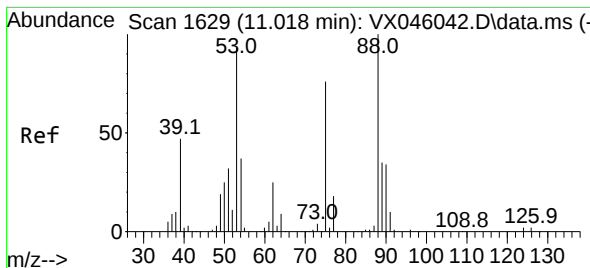
Tgt Ion:105 Resp: 223189

Ion Ratio Lower Upper

105 100

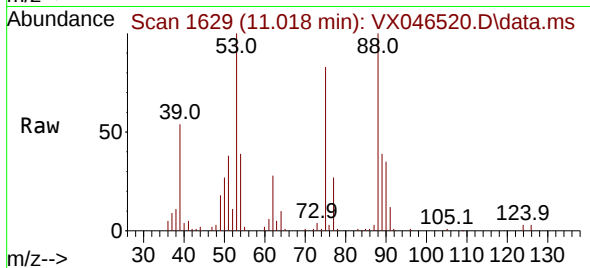
120 46.5 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 50.367 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

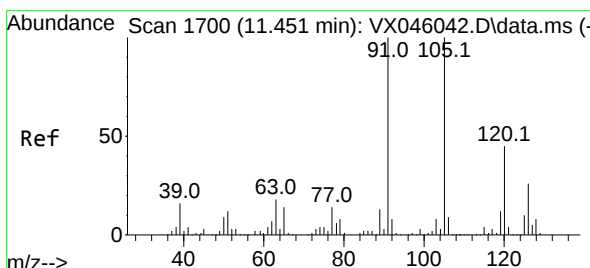
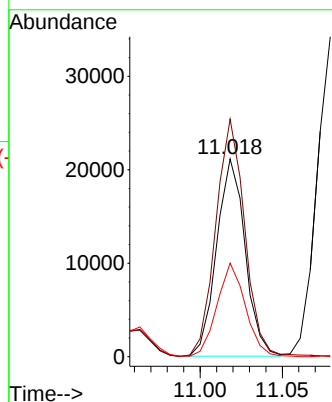
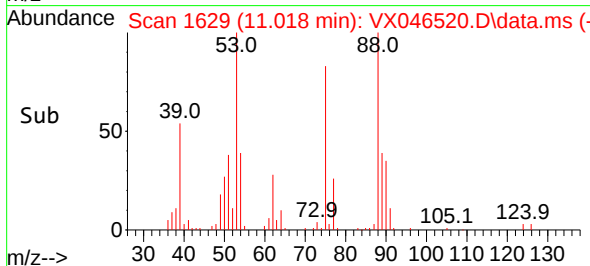
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



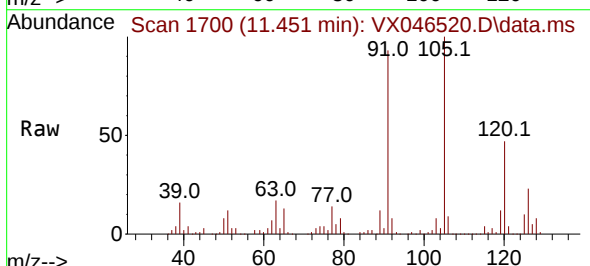
Tgt Ion: 75 Resp: 25450
Ion Ratio Lower Upper
75 100
53 123.4 100.5 150.7
89 47.3 37.0 55.6

Manual Integrations
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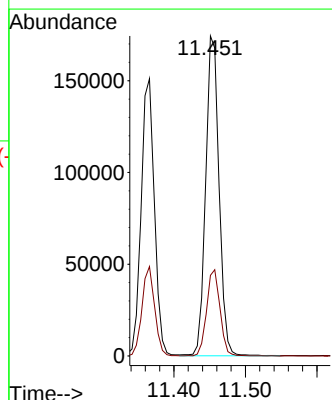
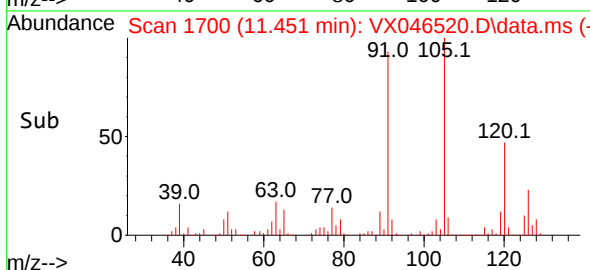
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

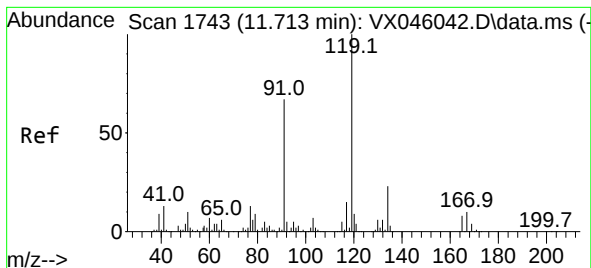


#82
4-Chlorotoluene
Concen: 48.414 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



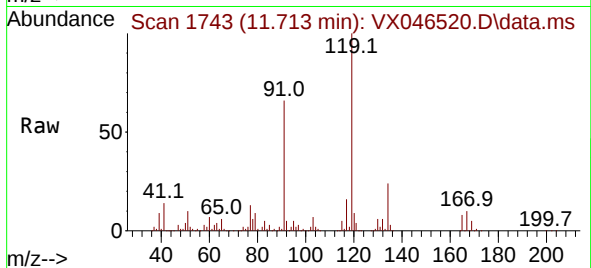
Tgt Ion: 91 Resp: 226629
Ion Ratio Lower Upper
91 100
126 27.0 13.3 39.8





#83
tert-Butylbenzene
Concen: 49.285 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

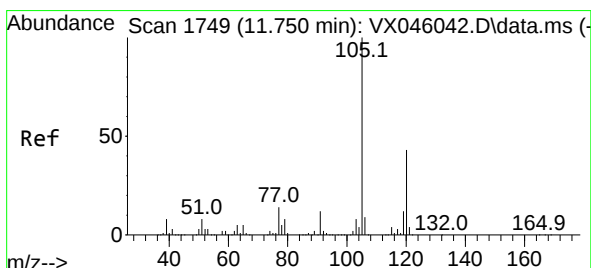
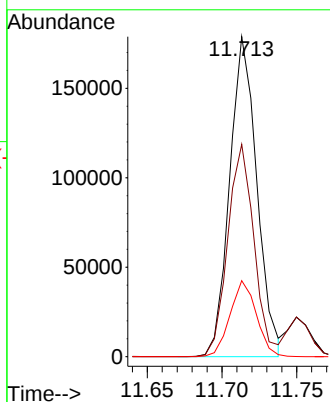
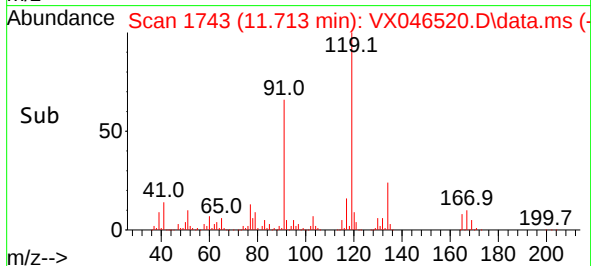
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



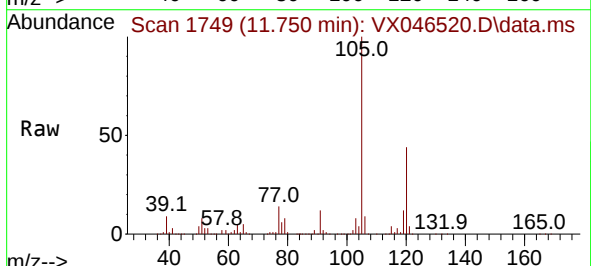
Tgt Ion:119 Resp: 226214
Ion Ratio Lower Upper
119 100
91 64.1 32.9 98.7
134 23.0 11.4 34.1

Manual Integrations
APPROVED

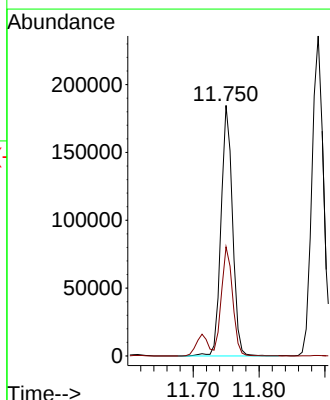
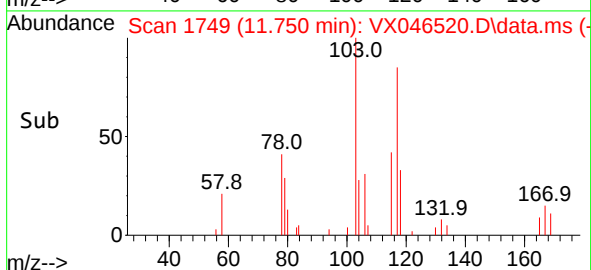
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025

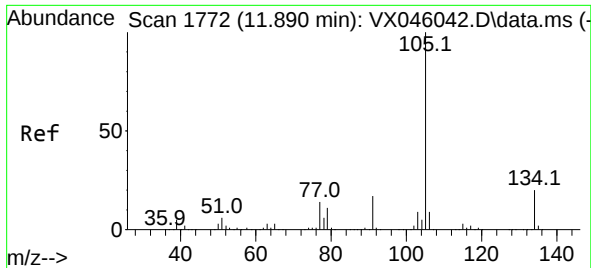


#84
1,2,4-Trimethylbenzene
Concen: 49.131 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



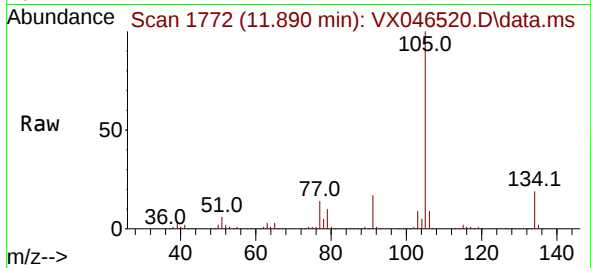
Tgt Ion:105 Resp: 224100
Ion Ratio Lower Upper
105 100
120 42.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.696 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046520.D
 Acq: 06 Jun 2025 10:40

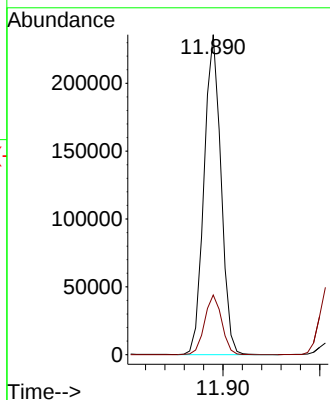
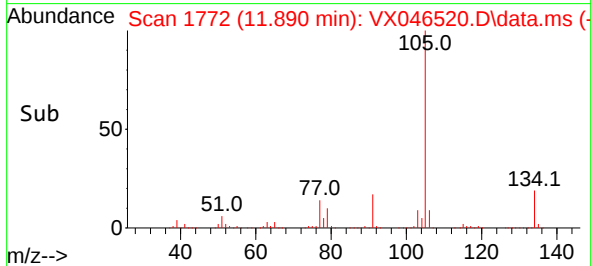
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



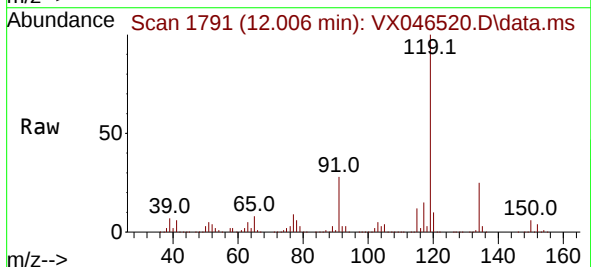
Tgt Ion:105 Resp: 287190
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1

Manual Integrations
 APPROVED

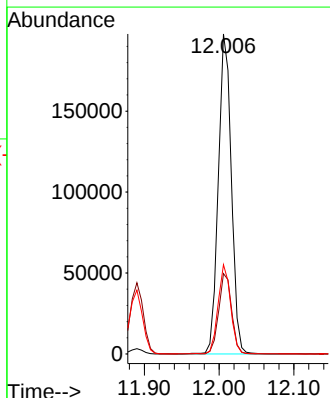
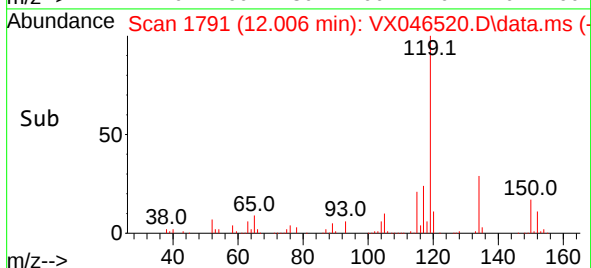
Reviewed By :John Carlone 06/06/2025
 Supervised By :Mahesh Dadoda 06/09/2025

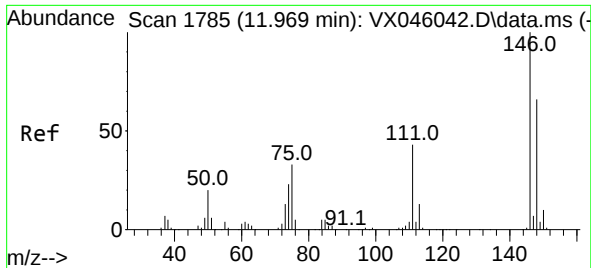


#86
 p-Isopropyltoluene
 Concen: 48.775 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046520.D
 Acq: 06 Jun 2025 10:40



Tgt Ion:119 Resp: 239809
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 27.1 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 47.520 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:146 Resp: 115889

Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.3

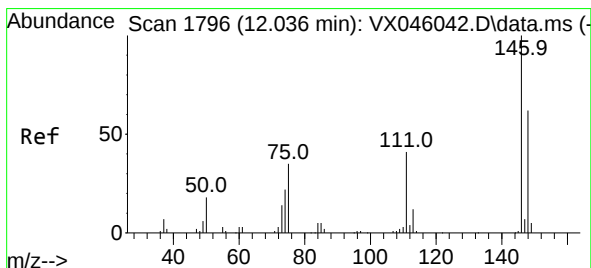
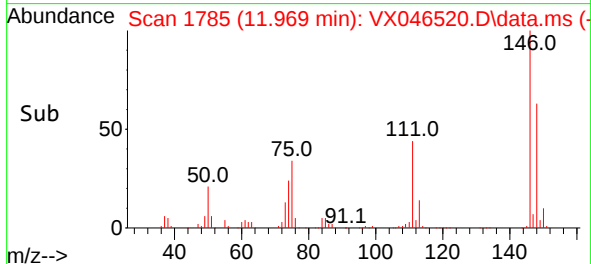
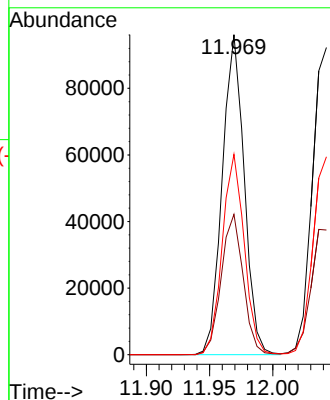
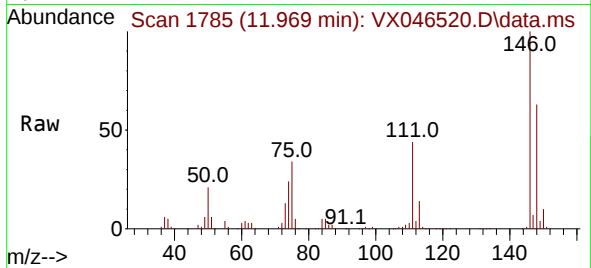
148 62.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/06/2025

Supervised By :Mahesh Dadoda 06/09/2025



#88

1,4-Dichlorobenzene

Concen: 45.612 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX046520.D

Acq: 06 Jun 2025 10:40

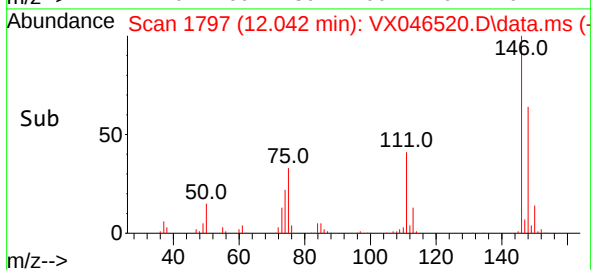
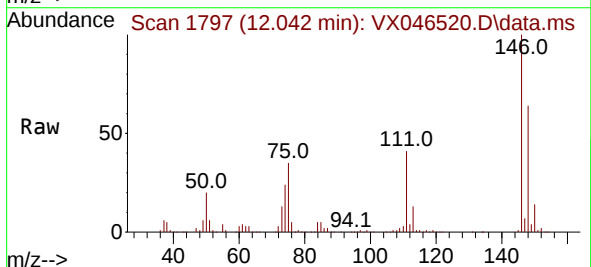
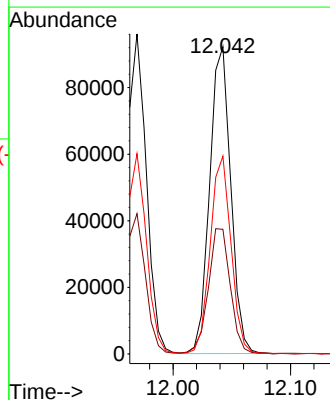
Tgt Ion:146 Resp: 115263

Ion Ratio Lower Upper

146 100

111 42.8 21.3 63.9

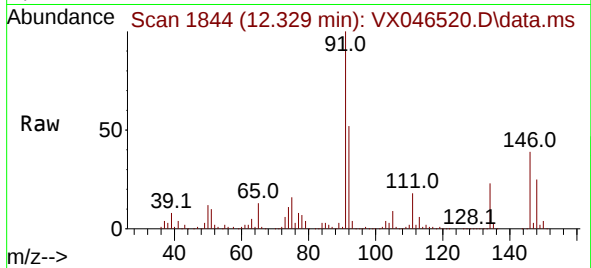
148 64.2 31.9 95.5





#89
n-Butylbenzene
Concen: 47.808 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

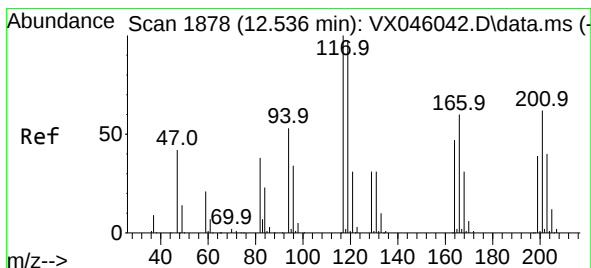
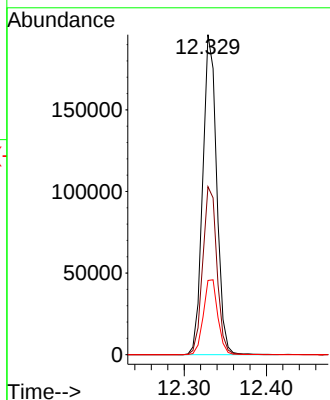
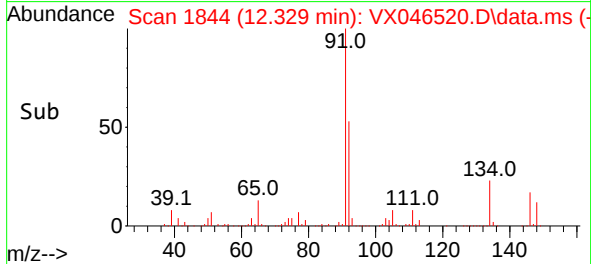
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 91 Resp: 230830
Ion Ratio Lower Upper
91 100
92 53.5 26.9 80.7
134 24.3 11.8 35.3

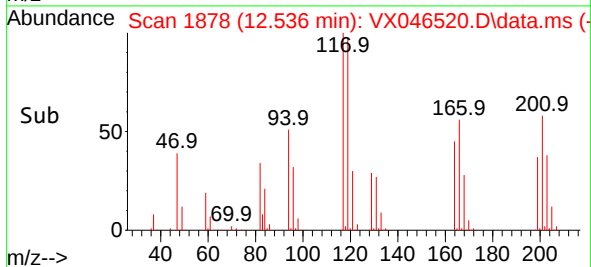
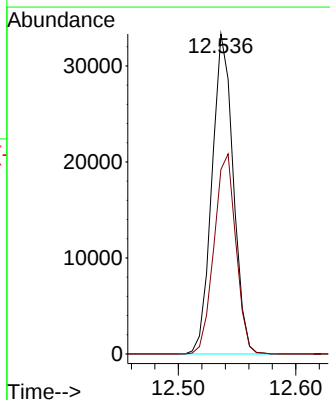
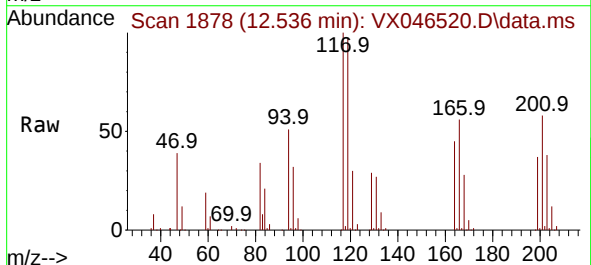
Manual Integrations
APPROVED

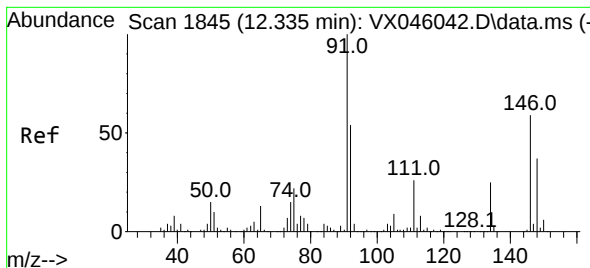
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#90
Hexachloroethane
Concen: 48.027 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

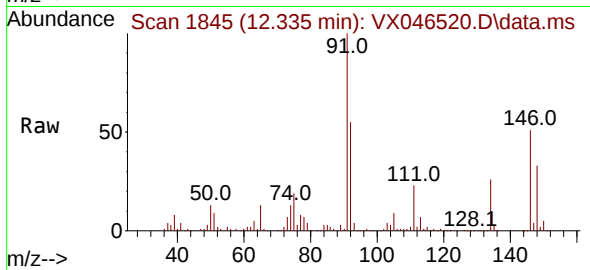
Tgt Ion:117 Resp: 41969
Ion Ratio Lower Upper
117 100
201 64.3 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 47.923 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

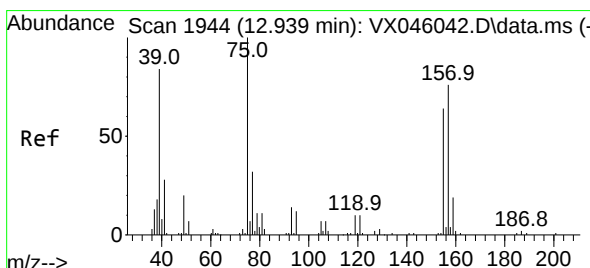
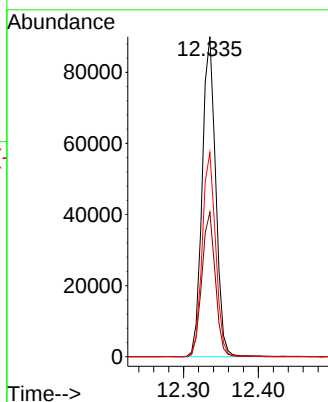
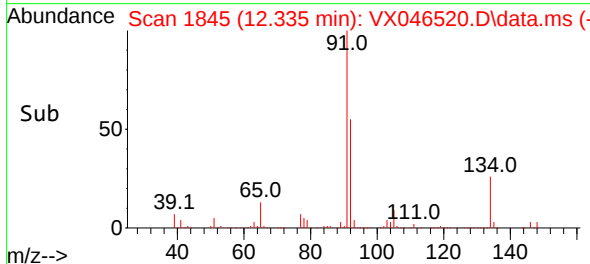
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



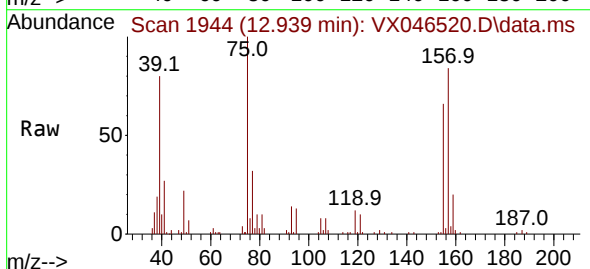
Tgt Ion:146 Resp: 11281
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.3
148 63.3 31.6 94.8

Manual Integrations
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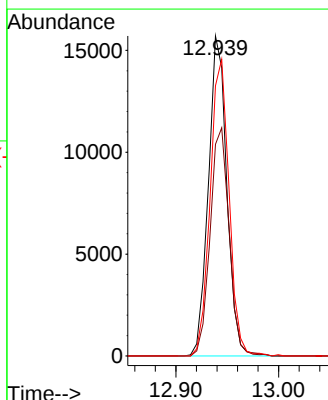
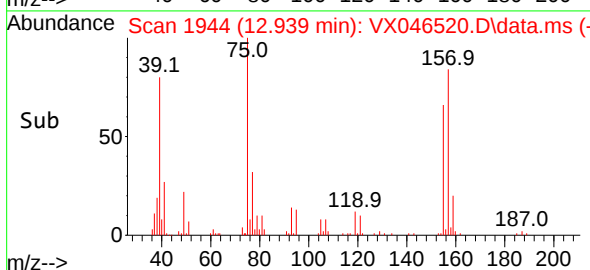
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.545 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



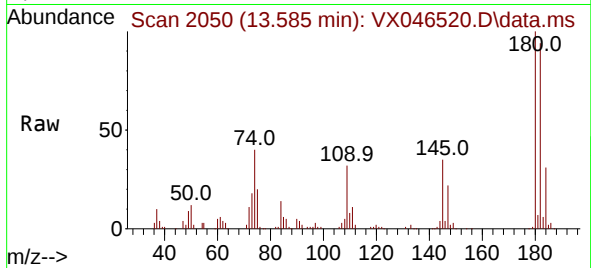
Tgt Ion: 75 Resp: 19603
Ion Ratio Lower Upper
75 100
155 73.0 34.9 104.8
157 95.0 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 46.149 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

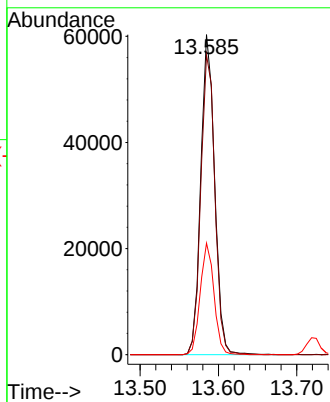
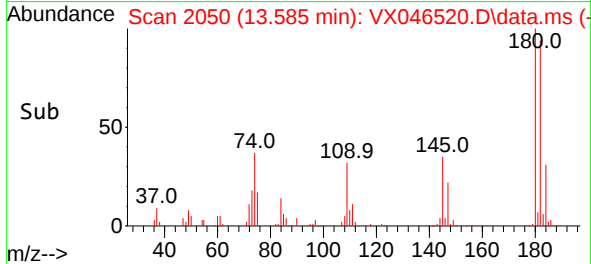
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



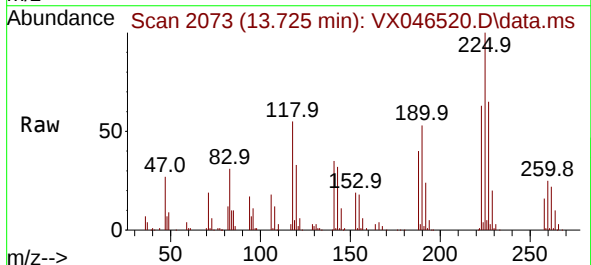
Tgt Ion:180 Resp: 74109
Ion Ratio Lower Upper
180 100
182 95.4 47.9 143.8
145 34.6 17.1 51.2

Manual Integrations
APPROVED

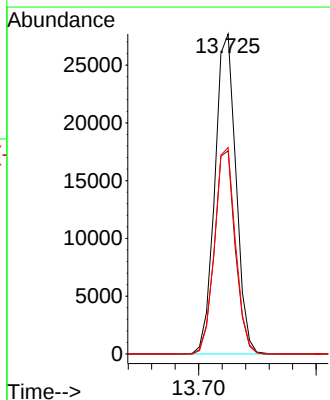
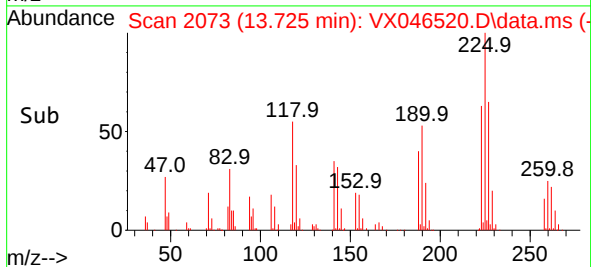
Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#94
Hexachlorobutadiene
Concen: 46.237 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



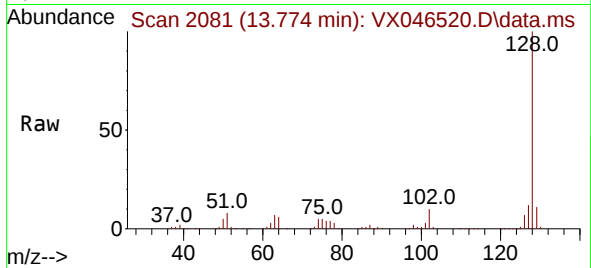
Tgt Ion:225 Resp: 34506
Ion Ratio Lower Upper
225 100
223 62.7 30.8 92.4
227 64.1 30.9 92.7





#95
Naphthalene
Concen: 50.359 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40

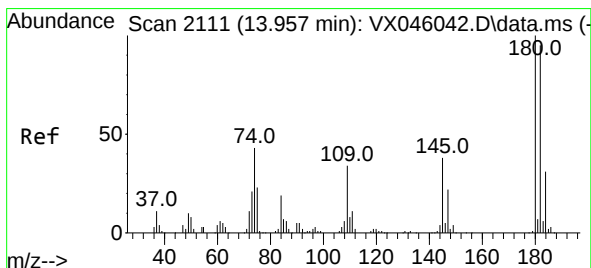
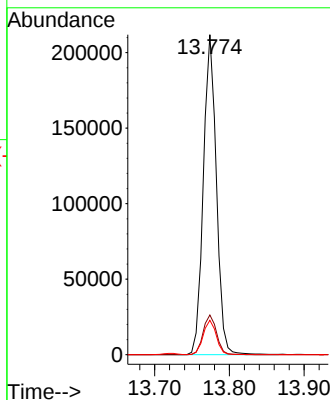
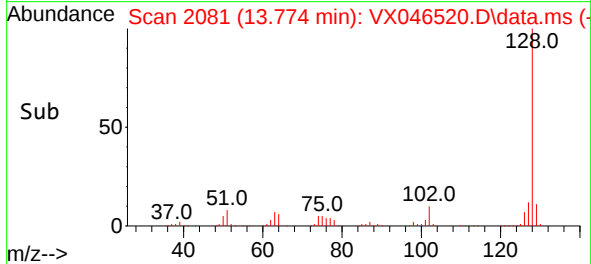
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



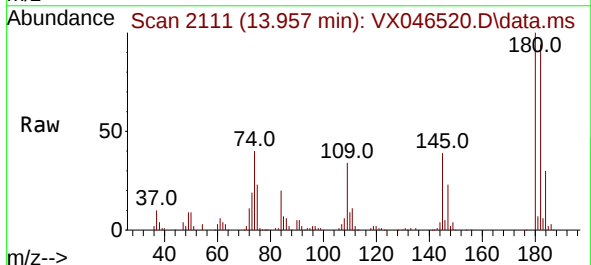
Tgt Ion:128 Resp: 256450
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/06/2025
Supervised By :Mahesh Dadoda 06/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 46.684 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046520.D
Acq: 06 Jun 2025 10:40



Tgt Ion:180 Resp: 75172
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 37.3 18.1 54.3

