

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046655.D
 Acq On : 11 Jun 2025 21:53
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/12/2025
 Supervised By : Mahesh Dadoda 06/12/2025

Quant Time: Jun 12 02:43:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	69522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	103133	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	109841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	58012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	49611	40.110	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 80.220%			
35) Dibromofluoromethane	5.404	113	40535	53.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	8.653	98	145362	58.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 116.260%#			
62) 4-Bromofluorobenzene	11.079	95	60813	58.782	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.560%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.185	85	39098	40.509	ug/l	98
3) Chloromethane	1.307	50	32156	36.602	ug/l	98
4) Vinyl Chloride	1.386	62	31032	35.434	ug/l	98
5) Bromomethane	1.618	94	18130	34.101	ug/l	97
6) Chloroethane	1.703	64	20254	35.645	ug/l	97
7) Trichlorofluoromethane	1.904	101	61111	42.175	ug/l	93
8) Diethyl Ether	2.148	74	21872	42.722	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.349	101	43539	47.693	ug/l	94
10) Methyl Iodide	2.471	142	37855	38.252	ug/l	96
11) Tert butyl alcohol	2.971	59	34246	249.522	ug/l	100
12) 1,1-Dichloroethene	2.337	96	39877	48.313	ug/l	92
13) Acrolein	2.252	56	65736	378.493	ug/l	100
14) Allyl chloride	2.678	41	72500	44.725	ug/l	90
15) Acrylonitrile	3.081	53	133905	258.045	ug/l	99
16) Acetone	2.392	43	105301	217.410	ug/l	93
17) Carbon Disulfide	2.532	76	75379	43.039	ug/l	100
18) Methyl Acetate	2.721	43	79634	54.052	ug/l	94
19) Methyl tert-butyl Ether	3.130	73	149842	51.882	ug/l	98
20) Methylene Chloride	2.806	84	47563	47.932	ug/l	92
21) trans-1,2-Dichloroethene	3.111	96	40871	46.790	ug/l	91
22) Diisopropyl ether	3.776	45	157973	49.430	ug/l #	69
23) Vinyl Acetate	3.739	43	621965	252.069	ug/l	97
24) 1,1-Dichloroethane	3.629	63	85179	47.822	ug/l	98
25) 2-Butanone	4.574	43	169816	246.632	ug/l	93
26) 2,2-Dichloropropane	4.495	77	52636	39.807	ug/l	95
27) cis-1,2-Dichloroethene	4.507	96	53198	49.473	ug/l	89
28) Bromochloromethane	4.916	49	43944	51.726	ug/l	89
29) Tetrahydrofuran	5.019	42	104819	241.054	ug/l	97
30) Chloroform	5.111	83	83142	44.549	ug/l	96
31) Cyclohexane	5.489	56	60501	42.075	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	68755	43.068	ug/l	96
36) 1,1-Dichloropropene	5.714	75	52692	48.637	ug/l	97
37) Ethyl Acetate	4.733	43	64611	61.106	ug/l	97
38) Carbon Tetrachloride	5.690	117	63712	52.505	ug/l	99
39) Methylcyclohexane	7.391	83	64189	50.197	ug/l	95
40) Benzene	6.056	78	164135	53.817	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	37692	57.404	ug/l	92
42) 1,2-Dichloroethane	6.098	62	64771	51.048	ug/l	95
43) Isopropyl Acetate	6.355	43	86454	46.901	ug/l	96
44) Trichloroethene	7.135	130	40272	51.969	ug/l	95
45) 1,2-Dichloropropane	7.440	63	44764	56.863	ug/l	99
46) Dibromomethane	7.586	93	32508	54.891	ug/l	92
47) Bromodichloromethane	7.824	83	71205	58.475	ug/l	99
48) Methyl methacrylate	7.702	41	55006	57.997	ug/l	92
49) 1,4-Dioxane	7.665	88	13711	1081.054	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	352128	300.612	ug/l	96
52) Toluene	8.720	92	110334	58.885	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	64839	59.387	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	71622	59.000	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	47457	63.091	ug/l	97
56) Ethyl methacrylate	9.116	69	74272	64.164	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	78841	59.311	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	205760	326.346	ug/l	96
59) 2-Hexanone	9.433	43	255479	304.108	ug/l	95
60) Dibromochloromethane	9.525	129	56043	63.341	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48058	61.312	ug/l	99
64) Tetrachloroethene	9.275	164	35616	48.490	ug/l	96
65) Chlorobenzene	10.079	112	128206	49.628	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	46871	53.692	ug/l	100
67) Ethyl Benzene	10.195	91	218975	48.555	ug/l	94
68) m/p-Xylenes	10.299	106	165500	101.164	ug/l	95
69) o-Xylene	10.640	106	81974	51.805	ug/l	94
70) Styrene	10.653	104	143638	53.029	ug/l	96
71) Bromoform	10.799	173	37067	55.688	ug/l #	96
73) Isopropylbenzene	10.963	105	218053	47.816	ug/l	99
74) N-amyl acetate	10.842	43	96679	48.141	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	72534	49.692	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58920m	47.950	ug/l	
77) Bromobenzene	11.195	156	53865	50.888	ug/l	90
78) n-propylbenzene	11.305	91	254380	46.086	ug/l	97
79) 2-Chlorotoluene	11.360	91	153296	46.056	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	181986	47.890	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20218	47.463	ug/l	88
82) 4-Chlorotoluene	11.451	91	178489	45.241	ug/l	94
83) tert-Butylbenzene	11.713	119	189594	49.010	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	182501	47.473	ug/l	98
85) sec-Butylbenzene	11.890	105	235583	47.395	ug/l	98
86) p-Isopropyltoluene	12.006	119	197633	47.693	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	101736	49.496	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	101749	47.773	ug/l	98
89) n-Butylbenzene	12.329	91	182196	44.772	ug/l	98
90) Hexachloroethane	12.536	117	34625	47.012	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	100020	50.412	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15865	48.536	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	67752	50.059	ug/l	99
94) Hexachlorobutadiene	13.725	225	27650	43.960	ug/l	98
95) Naphthalene	13.774	128	227541	53.014	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	66736	49.174	ug/l	99

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Response via : Initial Calibration

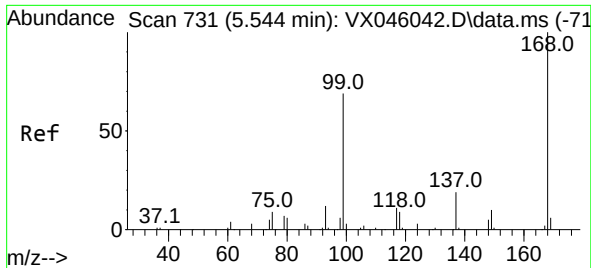
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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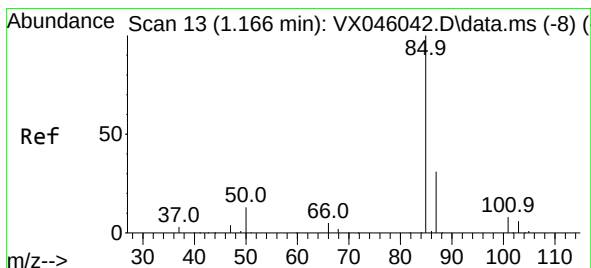
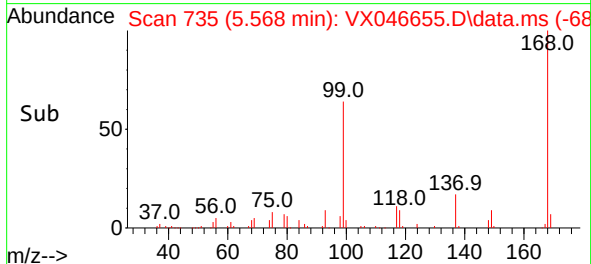
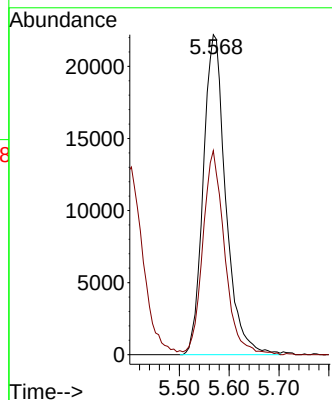
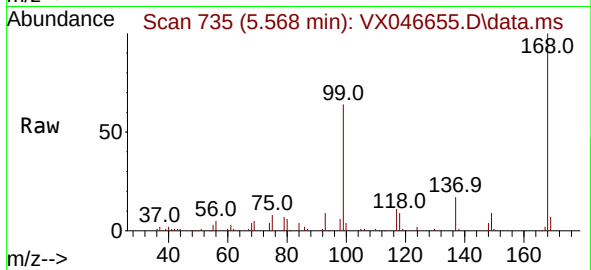
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046655.D
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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 6952
Ion Ratio Lower Upper
168 100
99 63.8 54.9 82.3

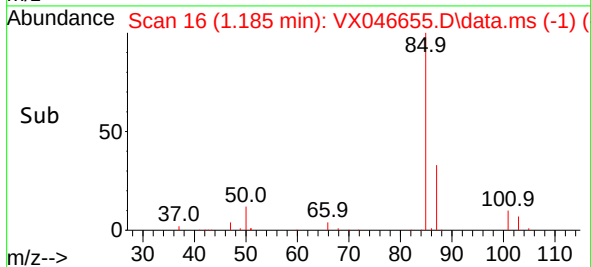
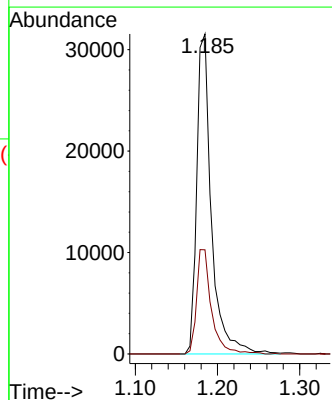
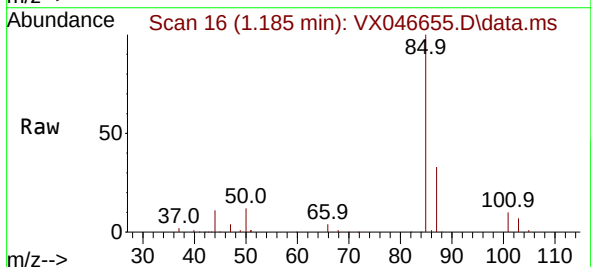
Manual Integrations
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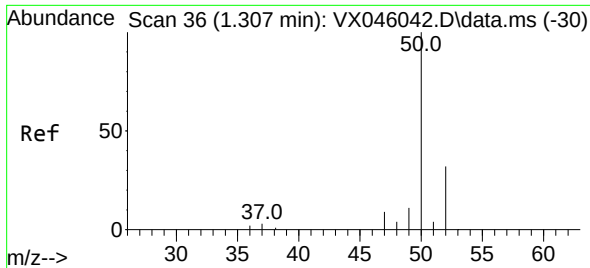
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#2
Dichlorodifluoromethane
Concen: 40.509 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

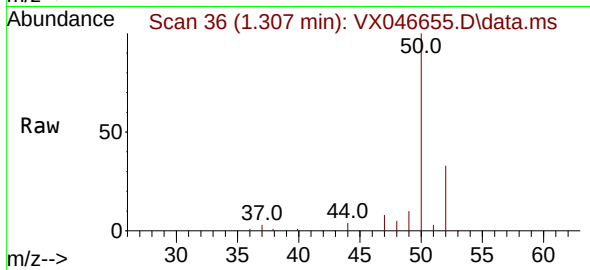
Tgt Ion: 85 Resp: 39098
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3
Chloromethane
Concen: 36.602 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

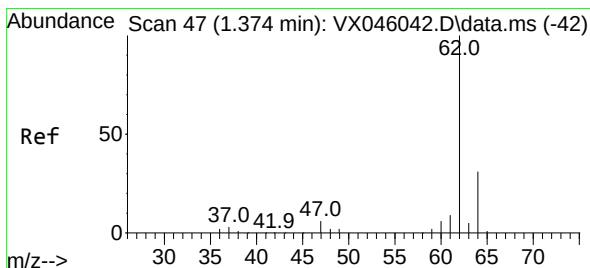
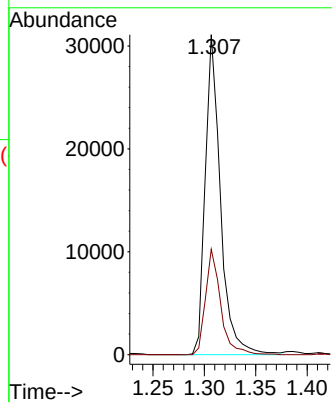
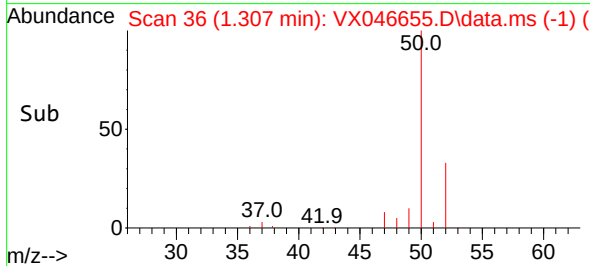
Instrument :
MSVOA_X
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VSTDCCC050EC



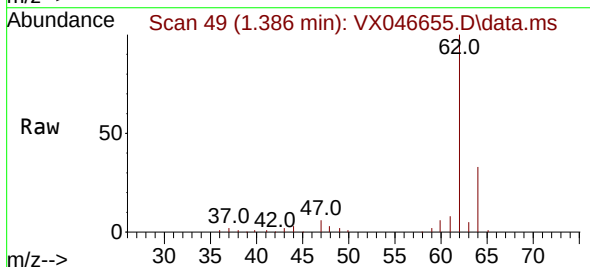
Tgt Ion: 50 Resp: 32150
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2

Manual Integrations
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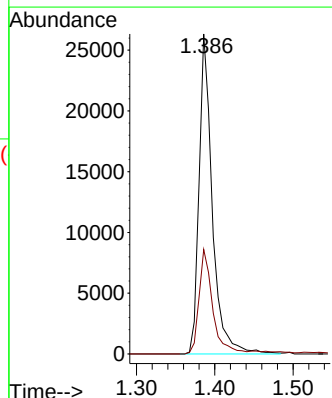
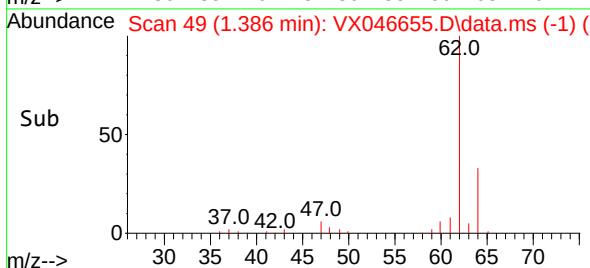
Reviewed By :John Carlone 06/12/2025
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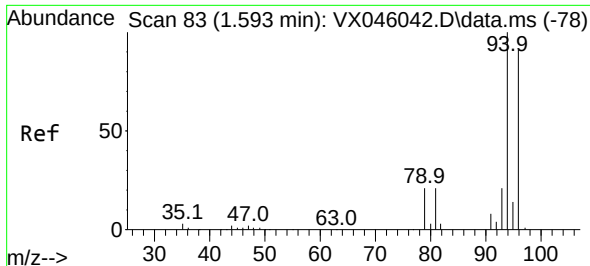


#4
Vinyl Chloride
Concen: 35.434 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53



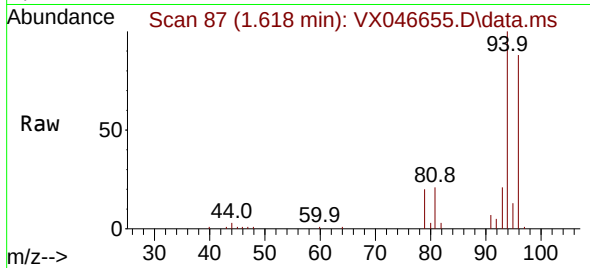
Tgt Ion: 62 Resp: 31032
Ion Ratio Lower Upper
62 100
64 32.7 25.2 37.8





#5
Bromomethane
Concen: 34.101 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

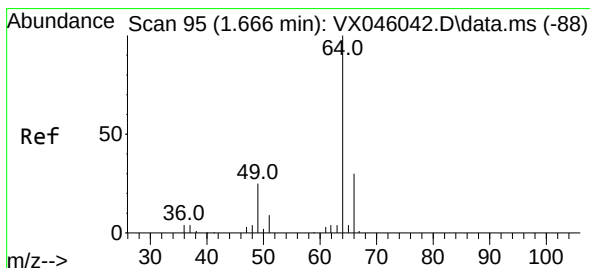
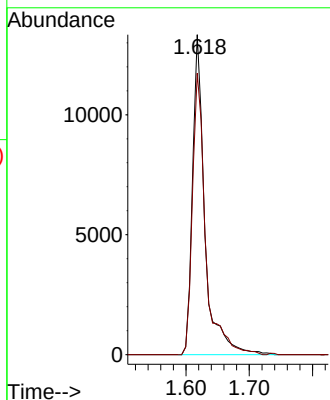
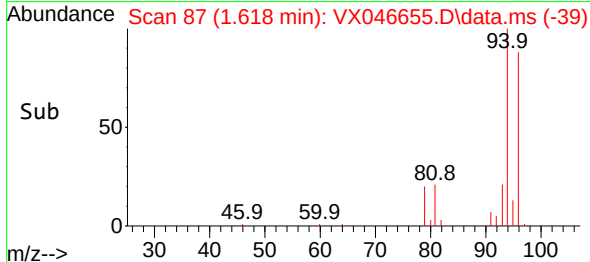
Instrument :
MSVOA_X
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Tgt Ion: 94 Resp: 18130
Ion Ratio Lower Upper
94 100
96 88.0 72.8 109.2

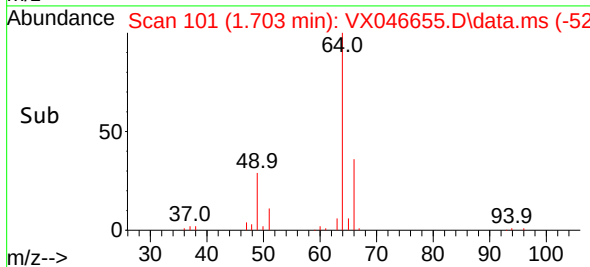
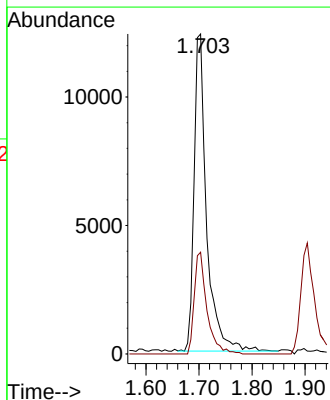
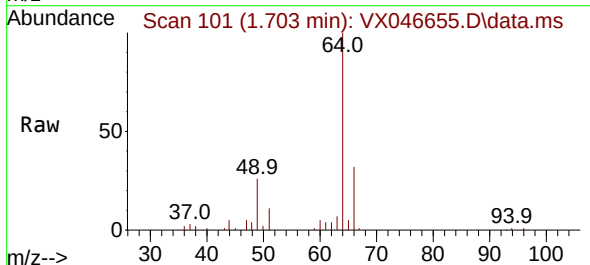
Manual Integrations
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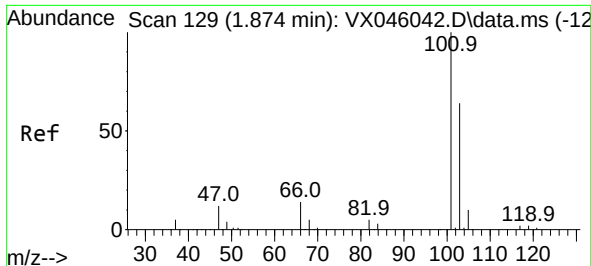
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#6
Chloroethane
Concen: 35.645 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046655.D
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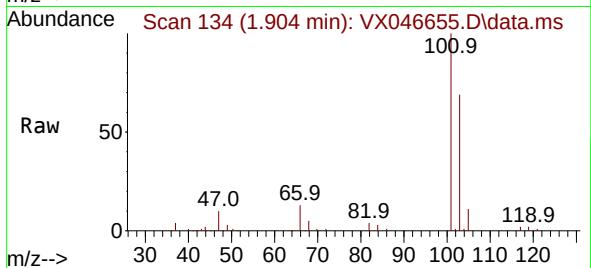
Tgt Ion: 64 Resp: 20254
Ion Ratio Lower Upper
64 100
66 32.1 24.3 36.5





#7
Trichlorofluoromethane
Concen: 42.175 ug/l
RT: 1.904 min Scan# 111
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

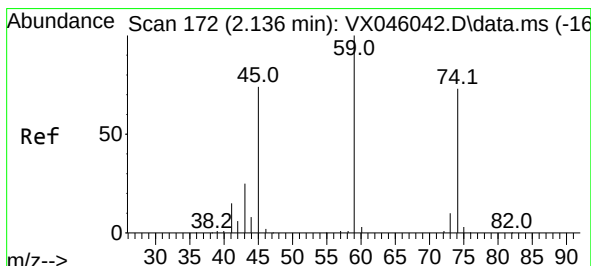
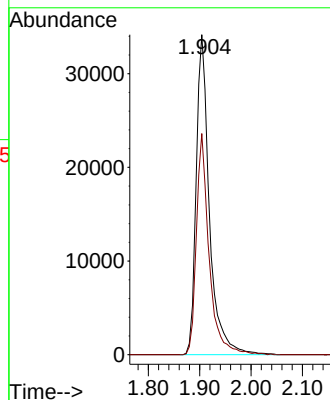
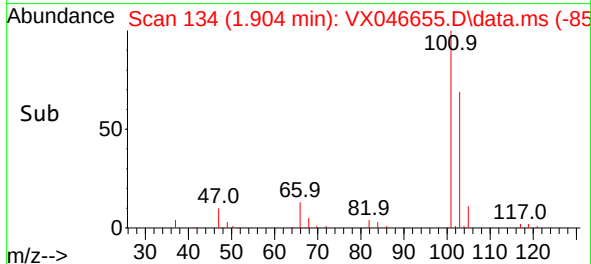
Instrument :
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Tgt Ion:101 Resp: 6111
Ion Ratio Lower Upper
101 100
103 69.1 51.0 76.4

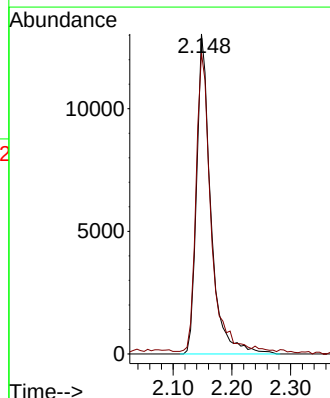
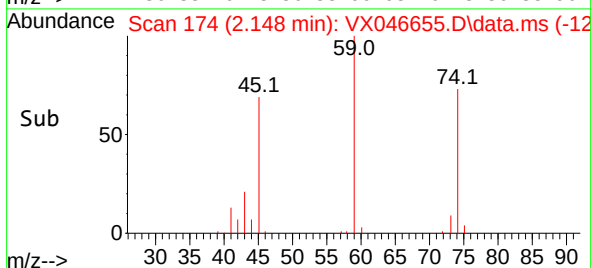
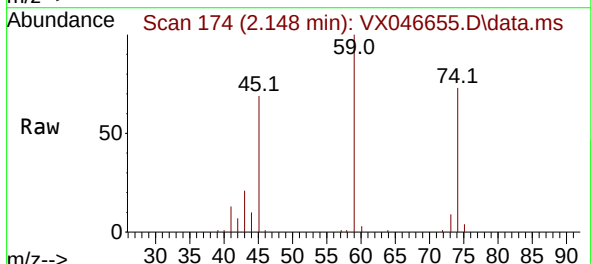
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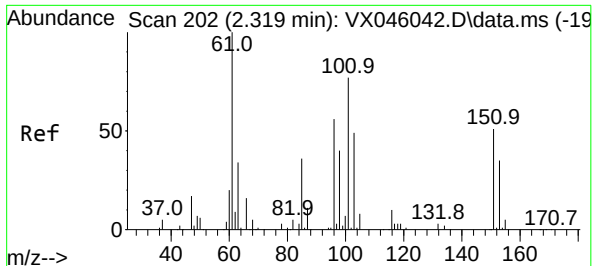
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#8
Diethyl Ether
Concen: 42.722 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.006 min
Lab File: VX046655.D
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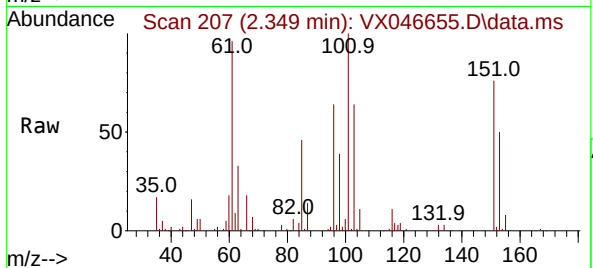
Tgt Ion: 74 Resp: 21872
Ion Ratio Lower Upper
74 100
45 97.0 54.9 164.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.693 ug/l
RT: 2.349 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX046655.D
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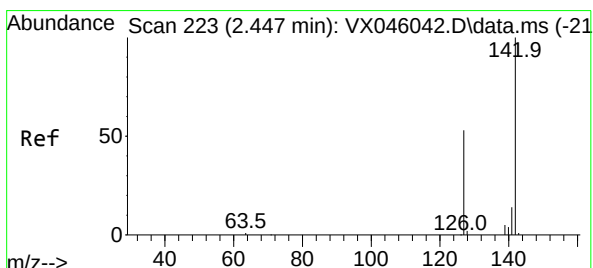
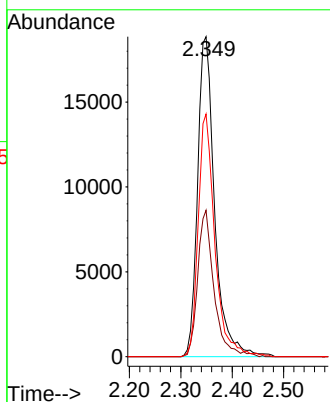
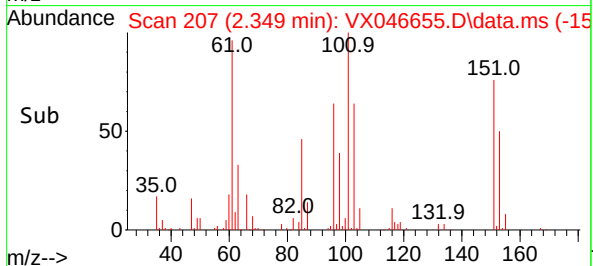
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



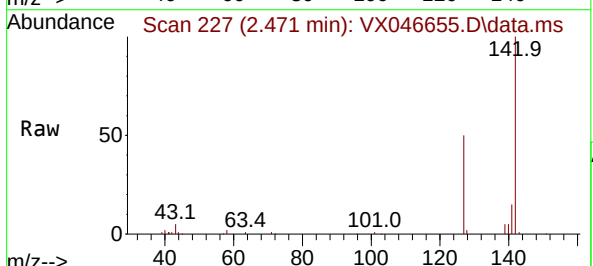
Tgt Ion:101 Resp: 43539
Ion Ratio Lower Upper
101 100
85 43.8 38.6 58.0
151 74.1 55.2 82.8

Manual Integrations
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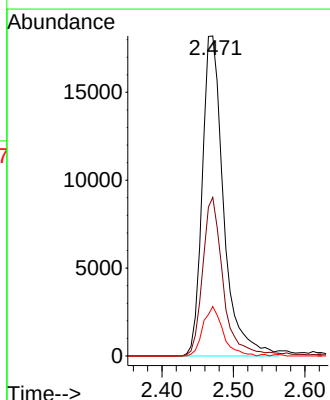
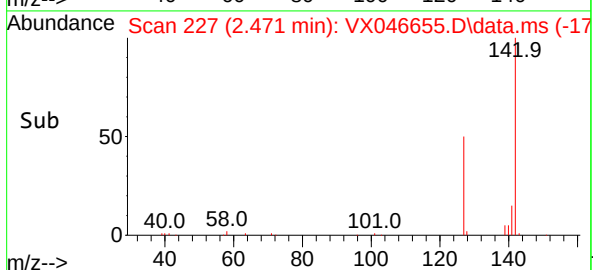
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

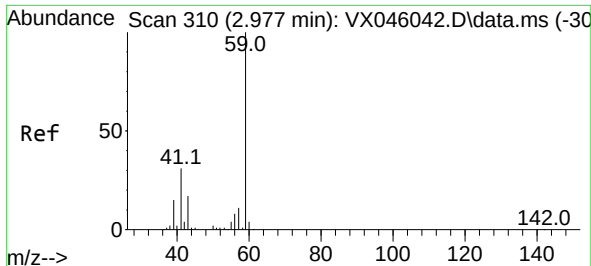


#10
Methyl Iodide
Concen: 38.252 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53



Tgt Ion:142 Resp: 37855
Ion Ratio Lower Upper
142 100
127 48.1 41.7 62.5
141 14.5 11.5 17.3





#11

Tert butyl alcohol

Concen: 249.522 ug/l

RT: 2.971 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 3424

Ion Ratio Lower Upper

59 100

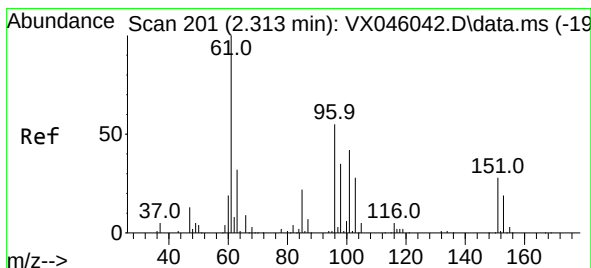
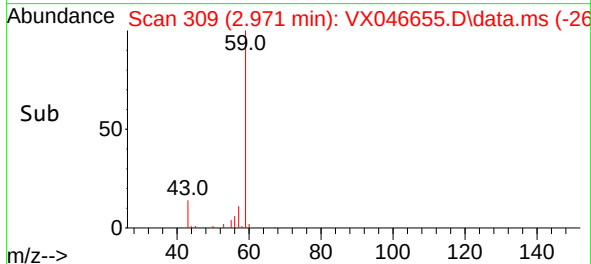
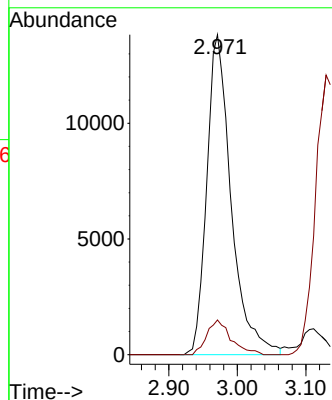
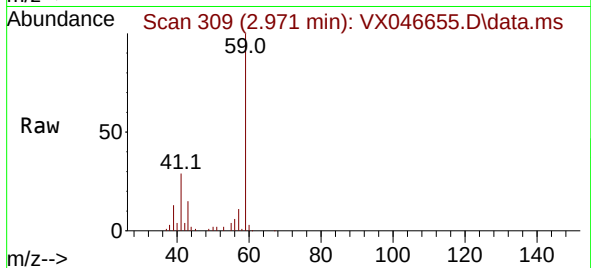
57 10.8 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#12

1,1-Dichloroethene

Concen: 48.313 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

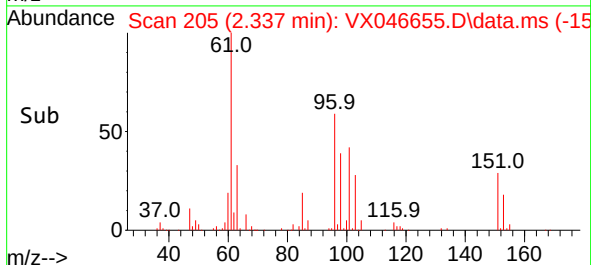
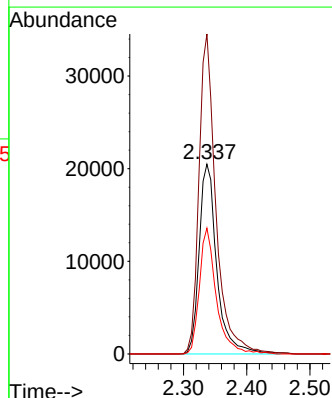
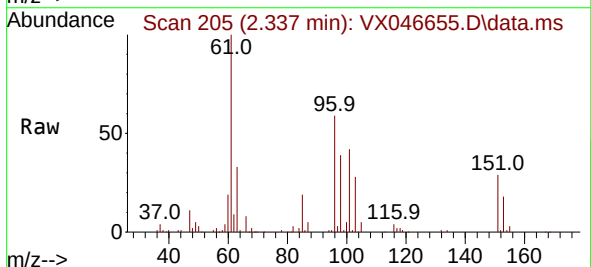
Tgt Ion: 96 Resp: 39877

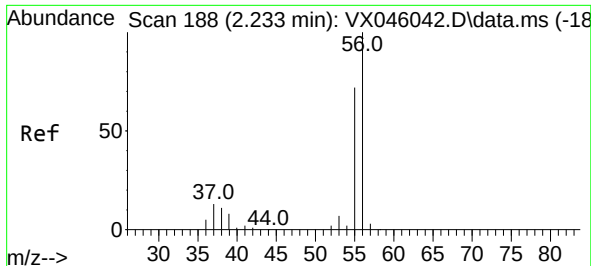
Ion Ratio Lower Upper

96 100

61 168.7 146.2 219.2

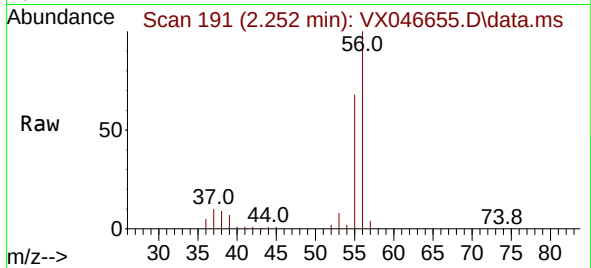
98 66.3 51.0 76.6





#13
Acrolein
Concen: 378.493 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.001 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

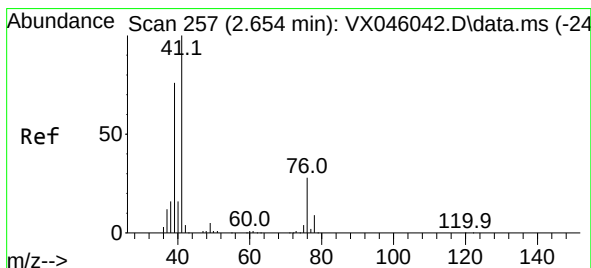
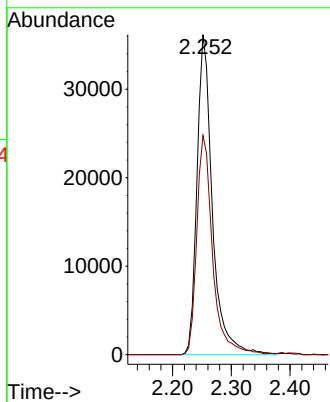
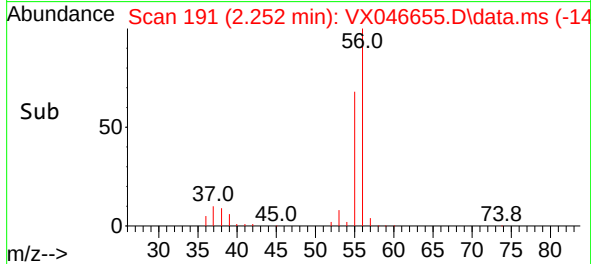
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 65730
Ion Ratio Lower Upper
56 100
55 70.5 56.2 84.4

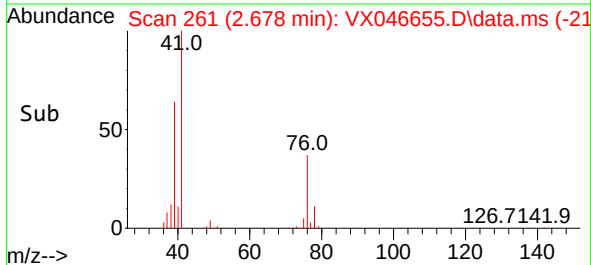
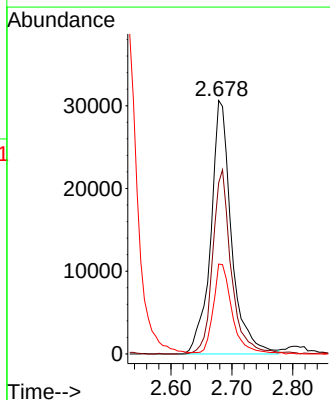
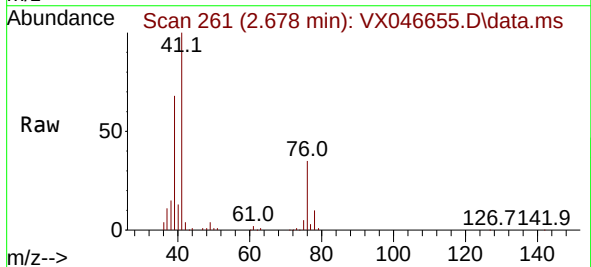
Manual Integrations
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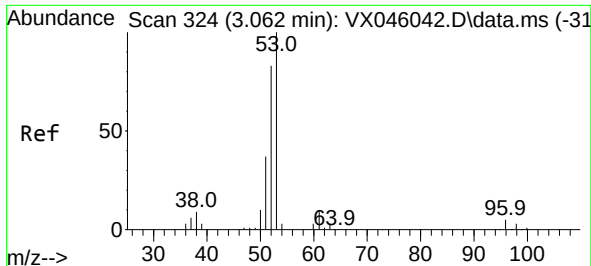
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#14
Allyl chloride
Concen: 44.725 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

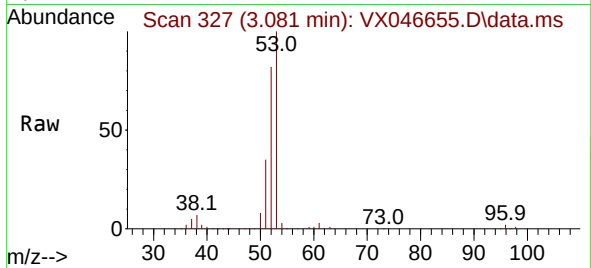
Tgt Ion: 41 Resp: 72500
Ion Ratio Lower Upper
41 100
39 64.9 60.6 90.8
76 32.4 24.9 37.3





#15
Acrylonitrile
Concen: 258.045 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

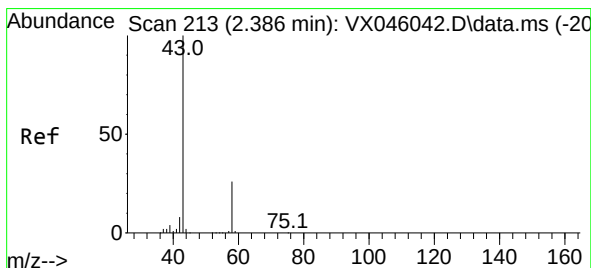
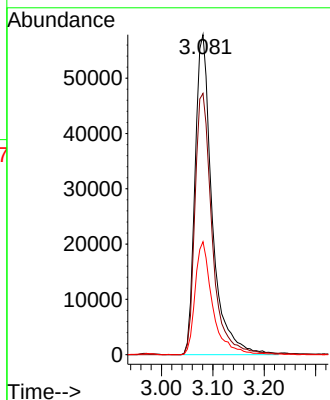
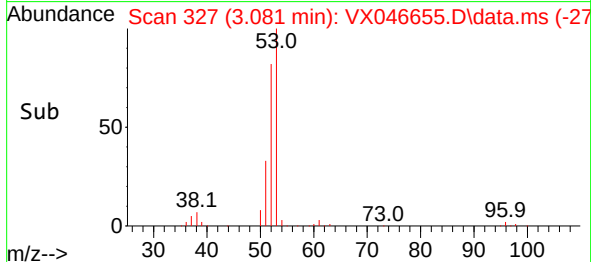
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 133908
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.3 29.8 44.8

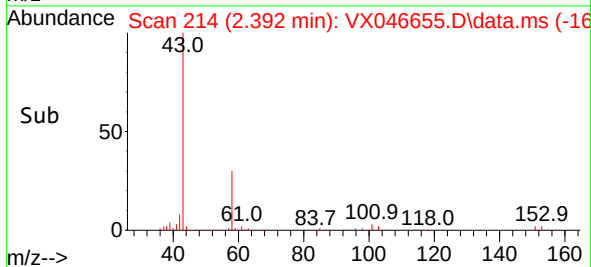
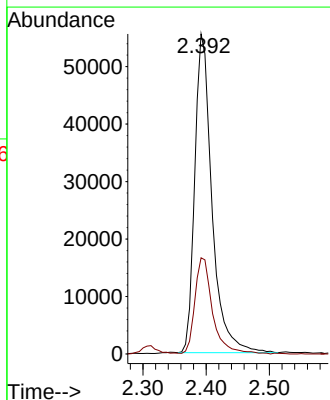
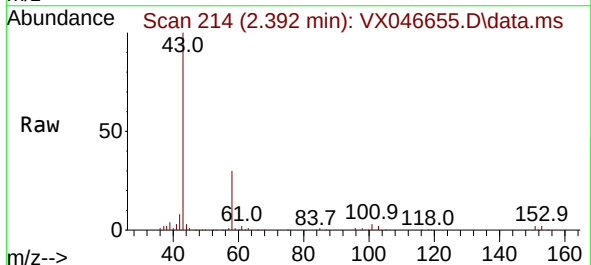
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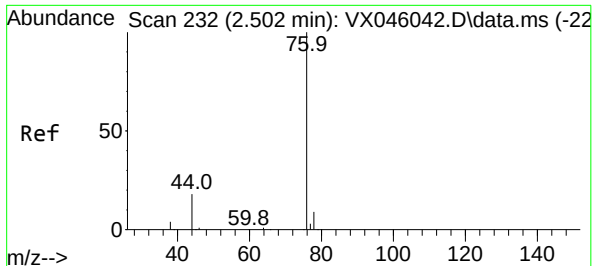
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#16
Acetone
Concen: 217.410 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 43 Resp: 105301
Ion Ratio Lower Upper
43 100
58 29.9 21.2 31.8





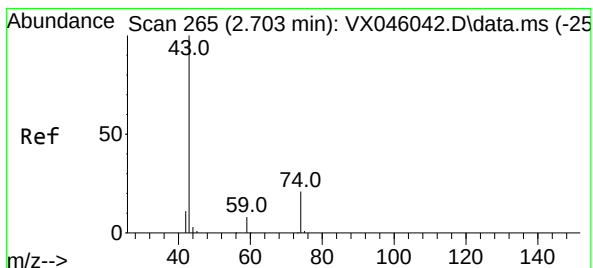
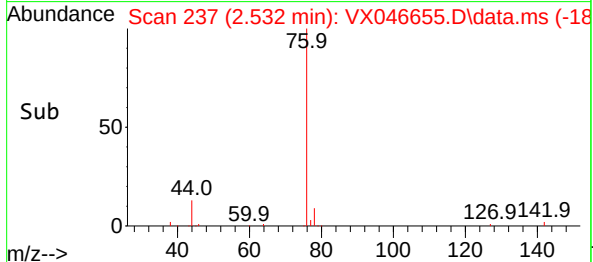
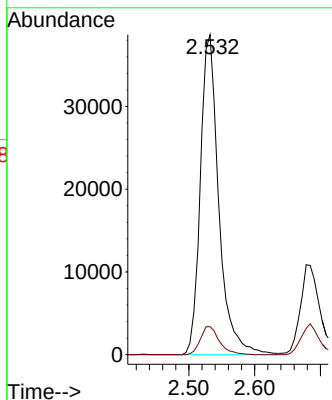
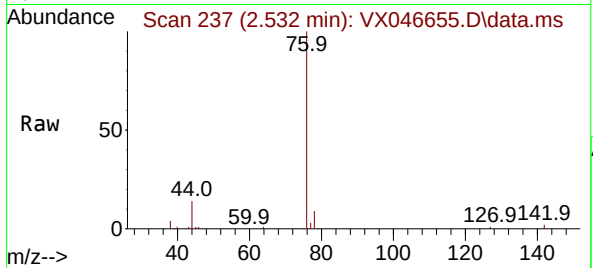
#17
Carbon Disulfide
Concen: 43.039 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 75379
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4

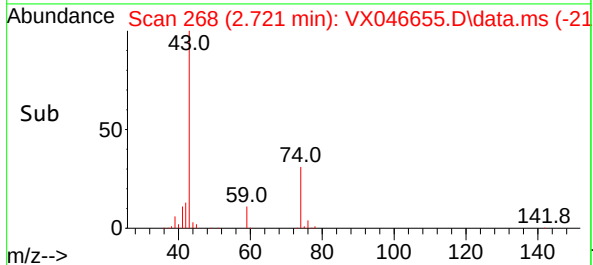
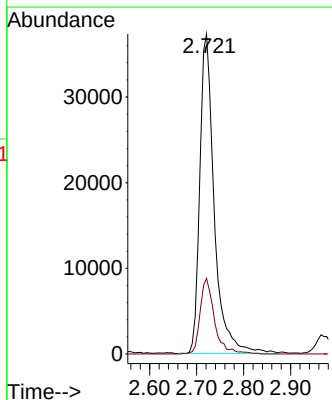
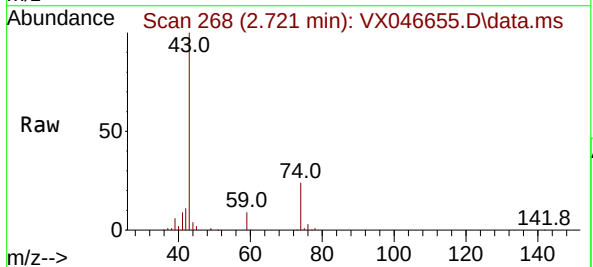
Manual Integrations
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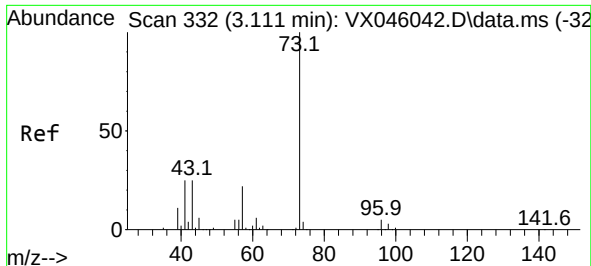
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#18
Methyl Acetate
Concen: 54.052 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 43 Resp: 79634
Ion Ratio Lower Upper
43 100
74 23.5 16.7 25.1





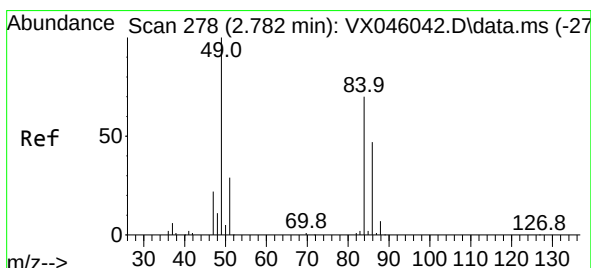
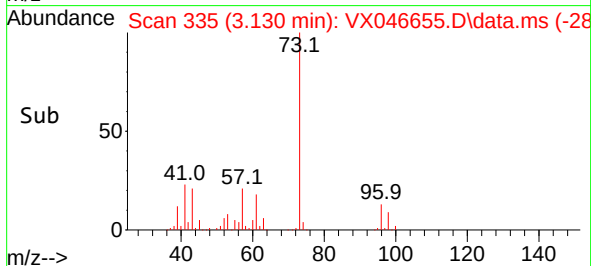
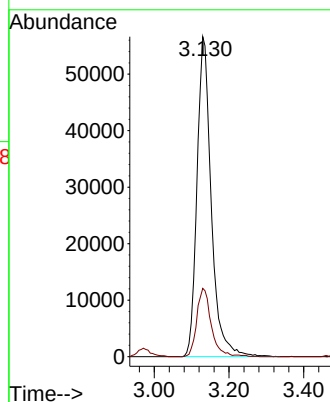
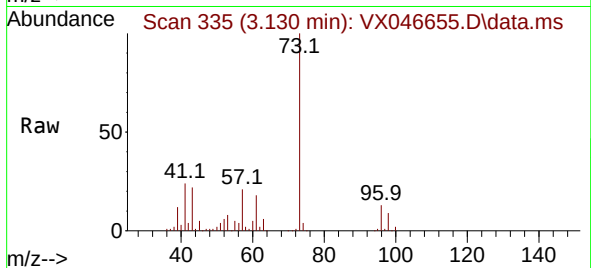
#19
Methyl tert-butyl Ether
Concen: 51.882 ug/l
RT: 3.130 min Scan# 31
Delta R.T. -0.005 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 14984
Ion Ratio Lower Upper
73 100
57 21.3 17.7 26.5

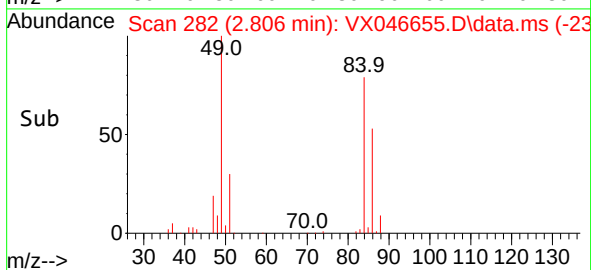
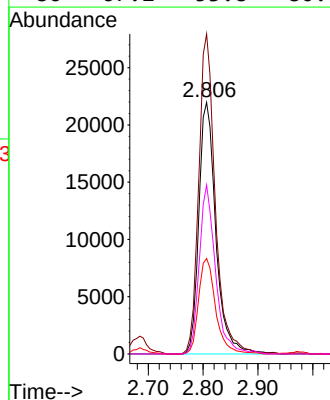
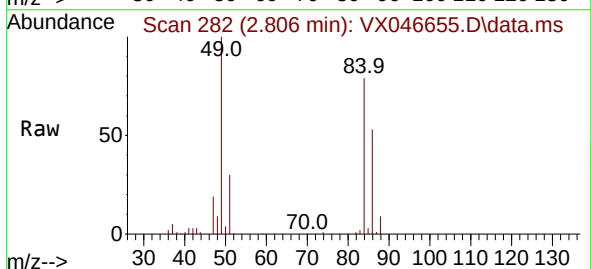
Manual Integrations
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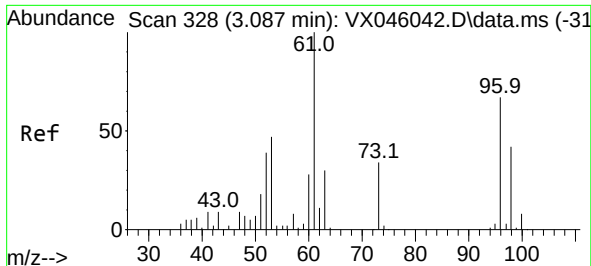
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#20
Methylene Chloride
Concen: 47.932 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

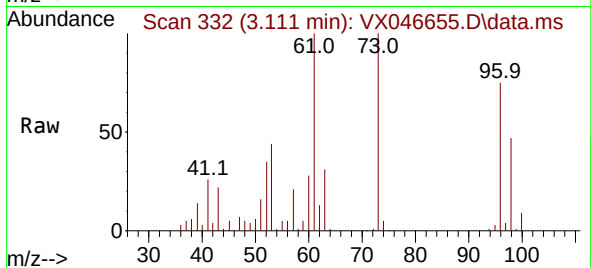
Tgt Ion: 84 Resp: 47563
Ion Ratio Lower Upper
84 100
49 127.2 113.9 170.9
51 38.0 33.5 50.3
86 67.2 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 46.790 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

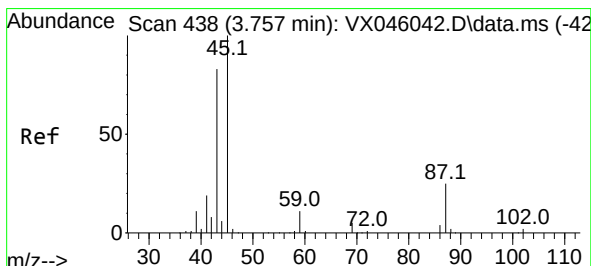
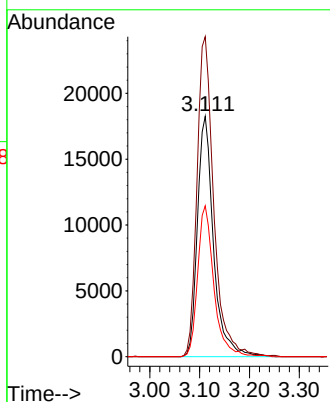
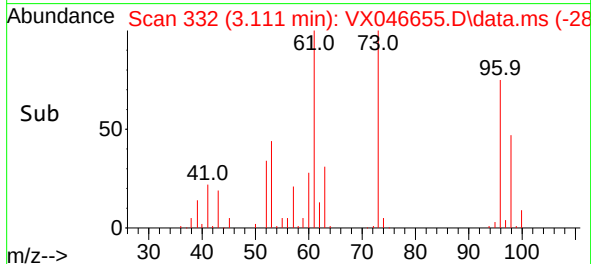
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 4087
Ion Ratio Lower Upper
96 100
61 133.1 119.5 179.3
98 62.7 50.0 75.0

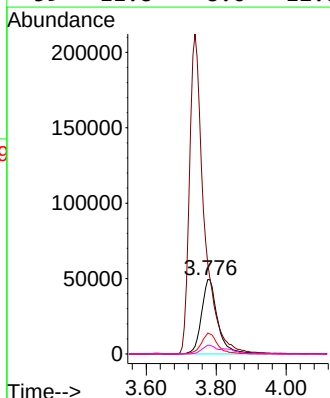
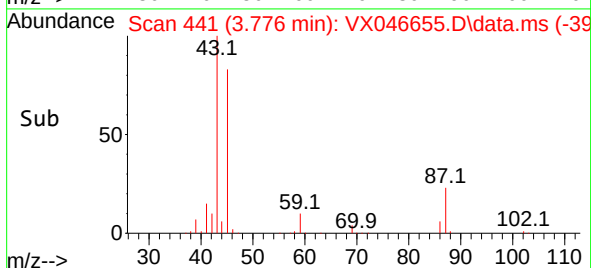
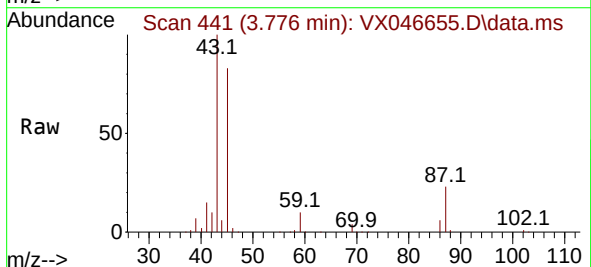
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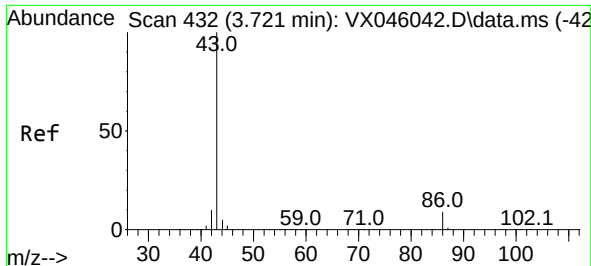
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#22
Diisopropyl ether
Concen: 49.430 ug/l
RT: 3.776 min Scan# 441
Delta R.T. -0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

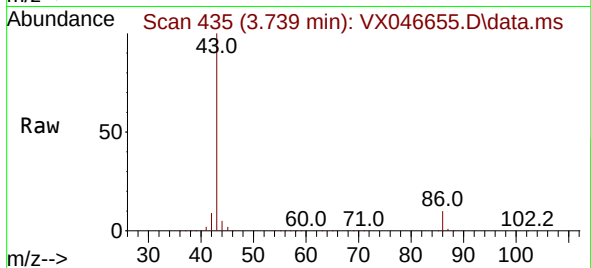
Tgt Ion: 45 Resp: 157973
Ion Ratio Lower Upper
45 100
43 120.8 66.6 100.0#
87 28.0 19.8 29.6
59 11.8 8.6 12.8





#23
 Vinyl Acetate
 Concen: 252.069 ug/l
 RT: 3.739 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX046655.D
 Acq: 11 Jun 2025 21:53

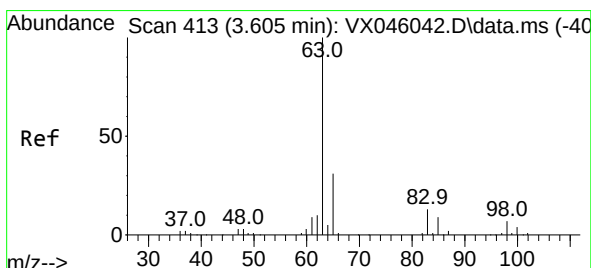
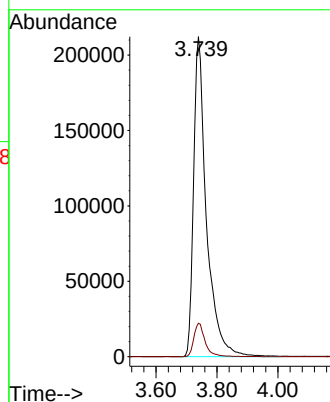
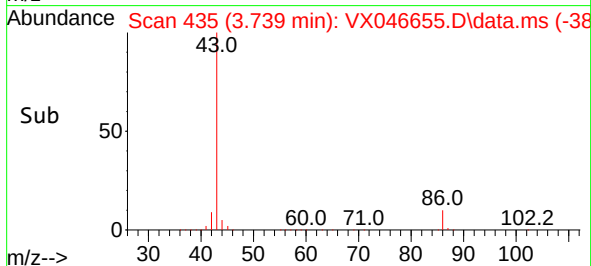
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



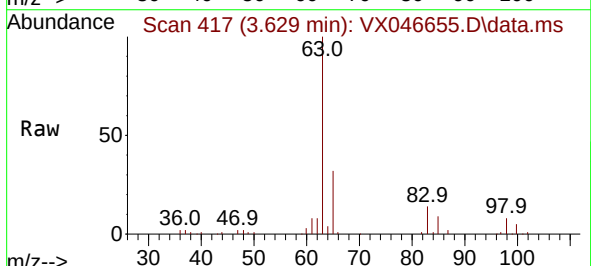
Tgt Ion: 43 Resp: 62196
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.5 11.3

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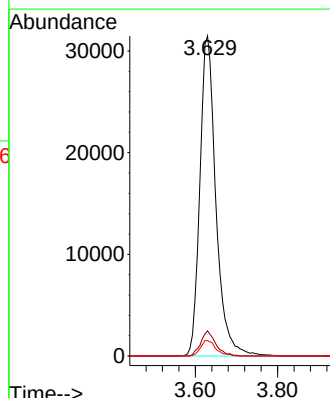
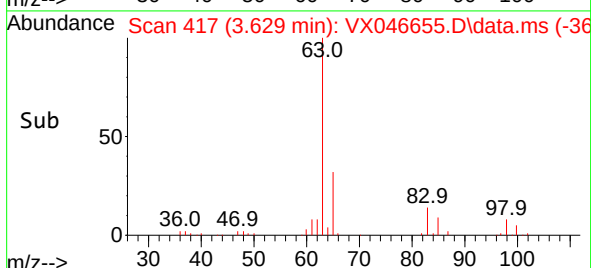
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

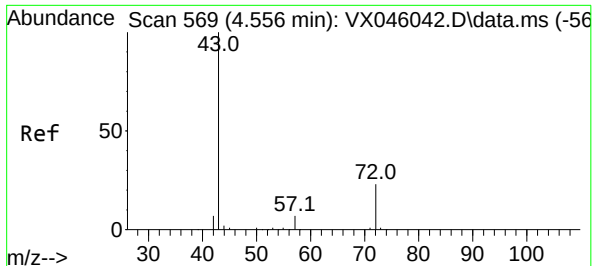


#24
 1,1-Dichloroethane
 Concen: 47.822 ug/l
 RT: 3.629 min Scan# 417
 Delta R.T. 0.000 min
 Lab File: VX046655.D
 Acq: 11 Jun 2025 21:53



Tgt Ion: 63 Resp: 85179
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.6 10.8
 100 4.8 2.1 6.3





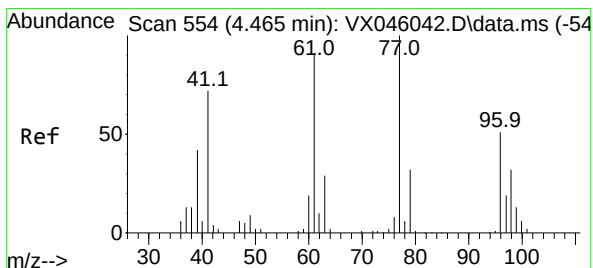
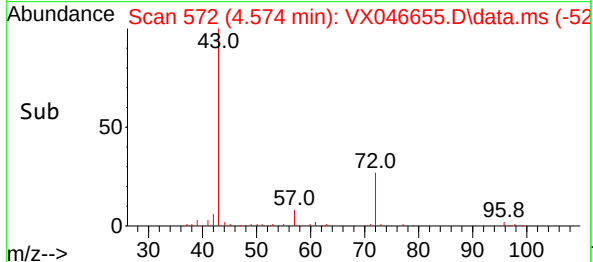
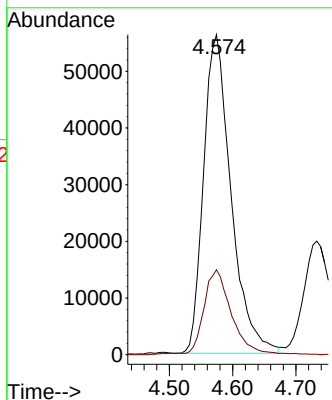
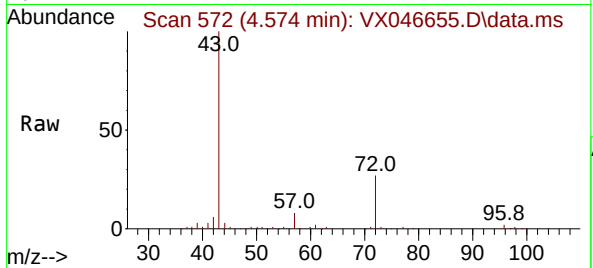
#25
2-Butanone
Concen: 246.632 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 169810
Ion Ratio Lower Upper
43 100
72 26.3 18.4 27.6

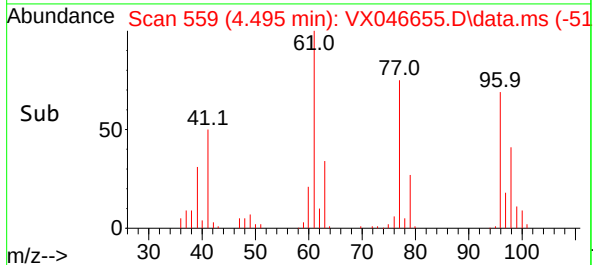
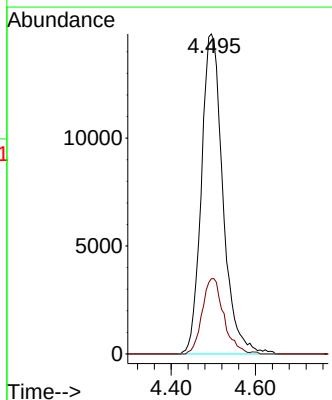
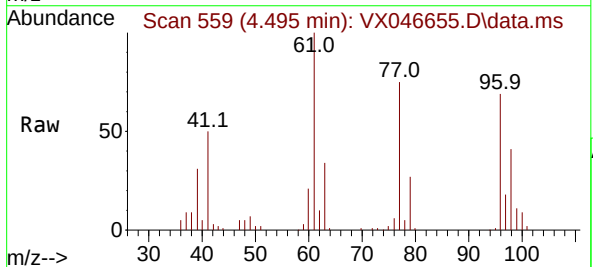
Manual Integrations
APPROVED

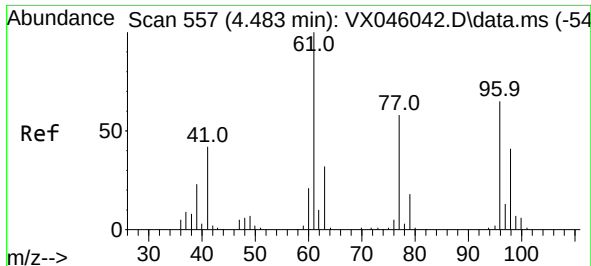
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#26
2,2-Dichloropropane
Concen: 39.807 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 77 Resp: 52636
Ion Ratio Lower Upper
77 100
97 23.5 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 49.473 ug/l

RT: 4.507 min Scan# 50

Delta R.T. 0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 53198

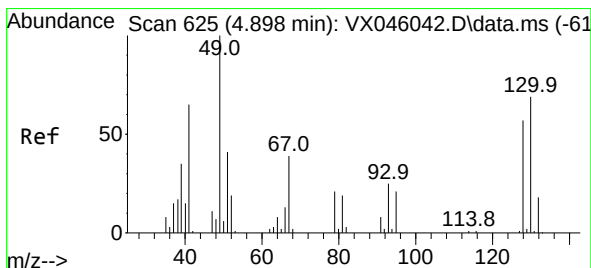
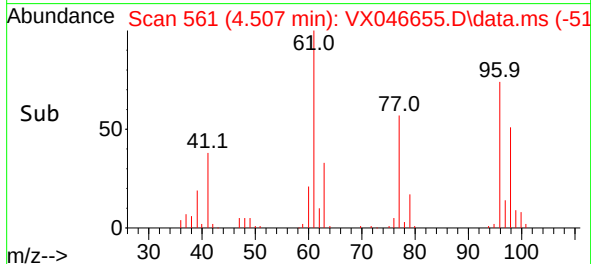
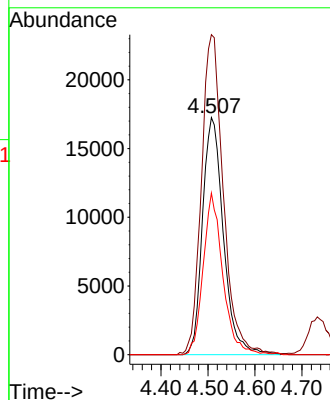
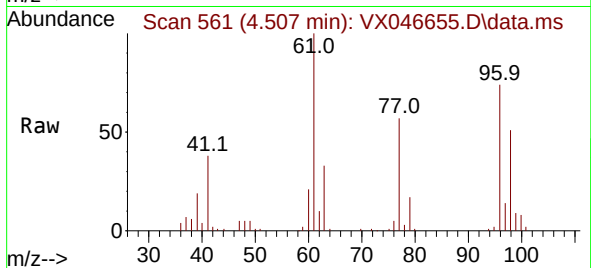
Ion	Ratio	Lower	Upper
96	100		
61	141.9	0.0	322.8
98	64.1	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#28

Bromochloromethane

Concen: 51.726 ug/l

RT: 4.916 min Scan# 628

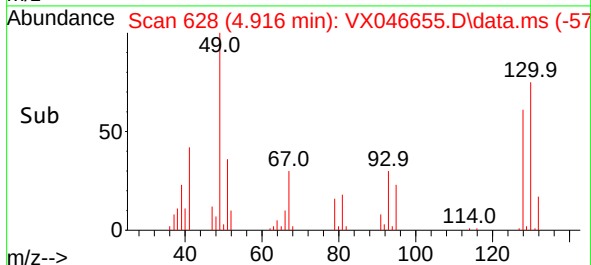
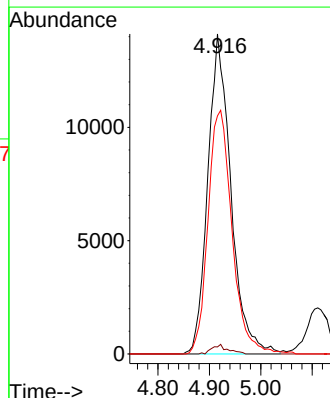
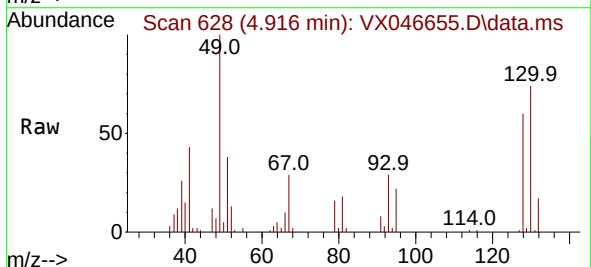
Delta R.T. -0.000 min

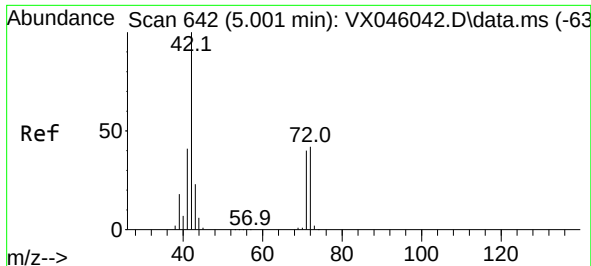
Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Tgt Ion: 49 Resp: 43944

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	79.6	56.2	84.2





#29

Tetrahydrofuran

Concen: 241.054 ug/l

RT: 5.019 min Scan# 64

Delta R.T. 0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 104819

Ion Ratio Lower Upper

42 100

72 44.0 33.7 50.5

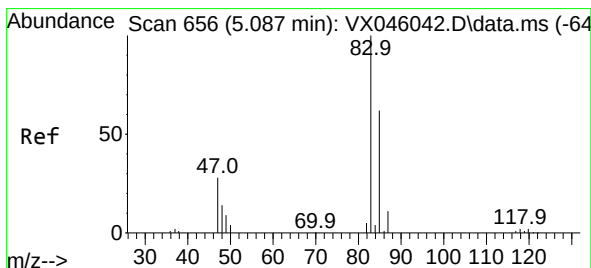
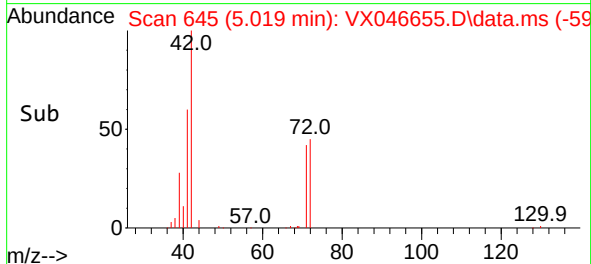
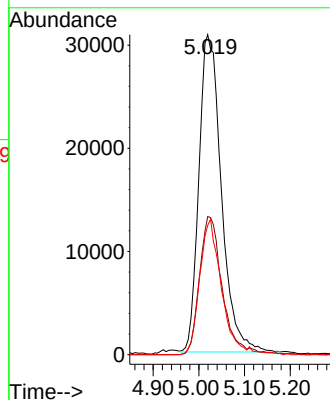
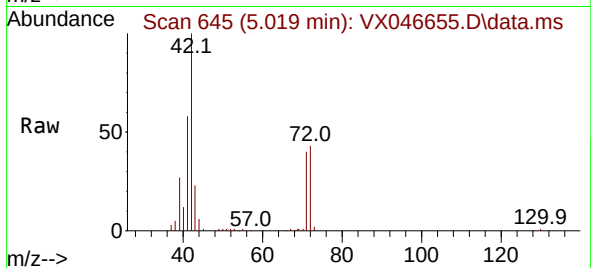
71 41.5 31.4 47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#30

Chloroform

Concen: 44.549 ug/l

RT: 5.111 min Scan# 660

Delta R.T. -0.000 min

Lab File: VX046655.D

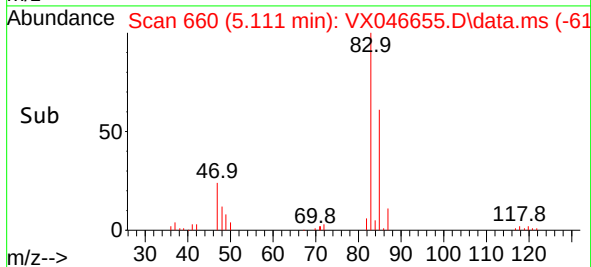
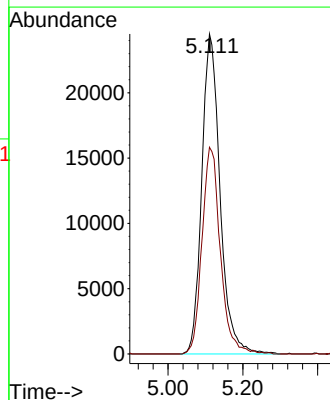
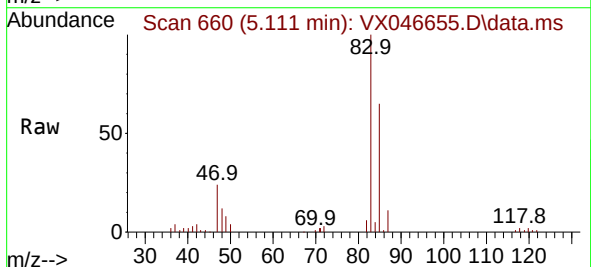
Acq: 11 Jun 2025 21:53

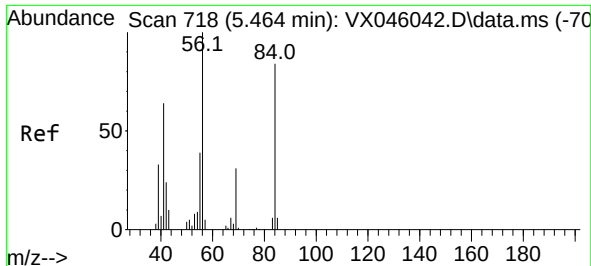
Tgt Ion: 83 Resp: 83142

Ion Ratio Lower Upper

83 100

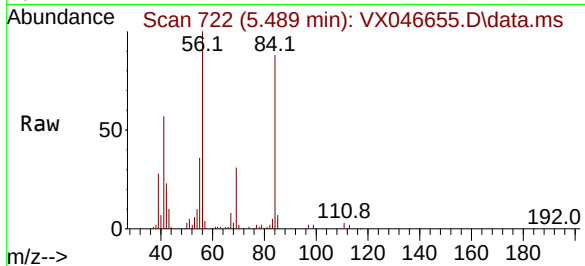
85 64.6 49.3 73.9





#31
Cyclohexane
Concen: 42.075 ug/l
RT: 5.489 min Scan# 718
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

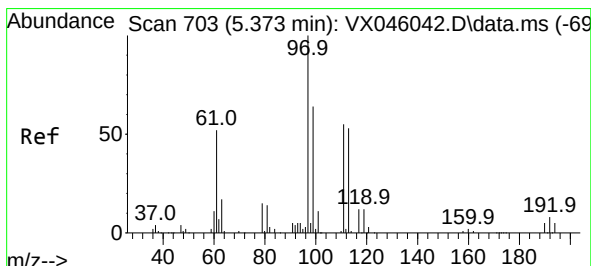
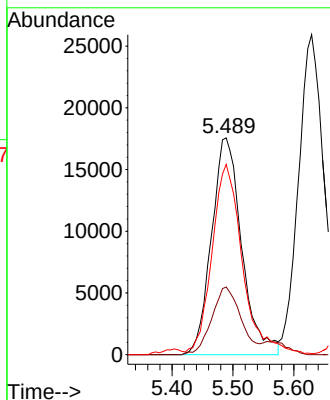
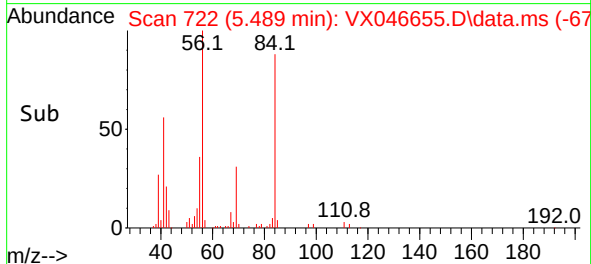
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



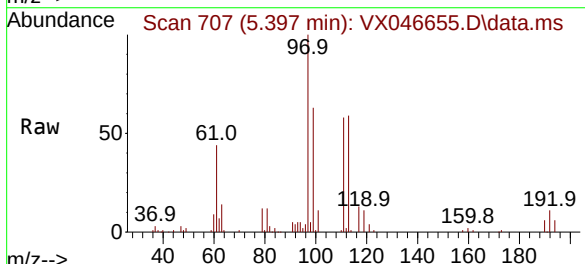
Tgt Ion: 56 Resp: 6050
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 85.5 66.9 100.3

Manual Integrations
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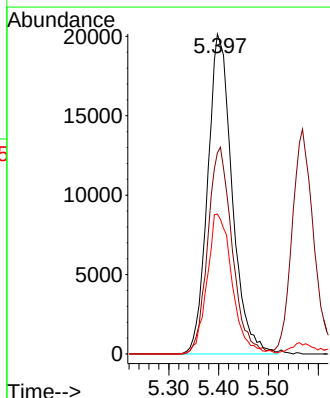
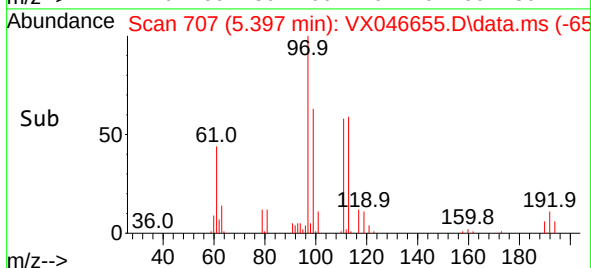
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

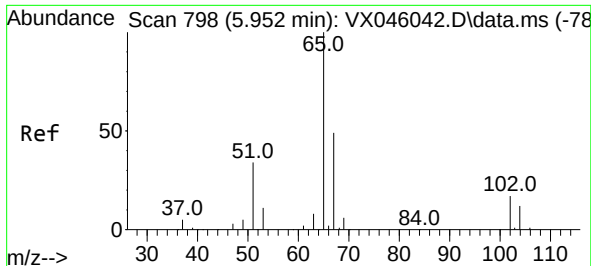


#32
1,1,1-Trichloroethane
Concen: 43.068 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53



Tgt Ion: 97 Resp: 68755
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 44.8 40.1 60.1





#33

1,2-Dichloroethane-d4

Concen: 40.110 ug/l

RT: 5.970 min Scan# 801

Delta R.T. 0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 4961

Ion Ratio Lower Upper

65 100

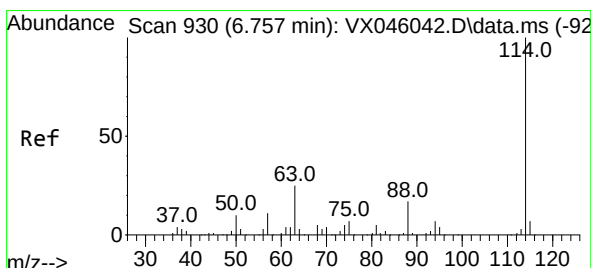
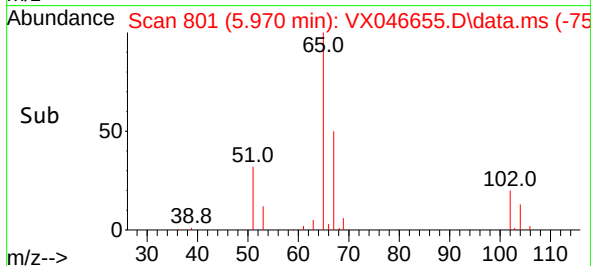
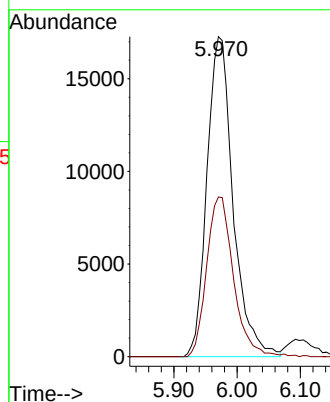
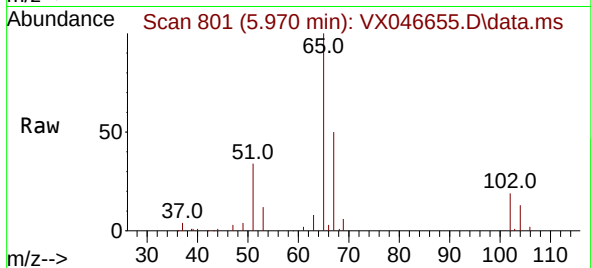
67 51.3 0.0 99.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.006 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

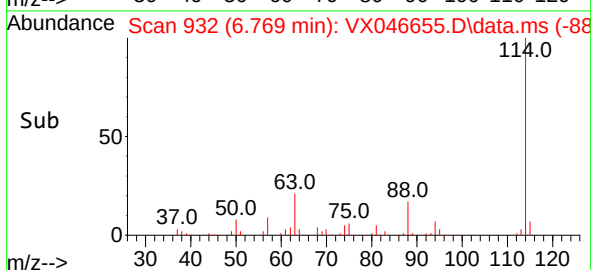
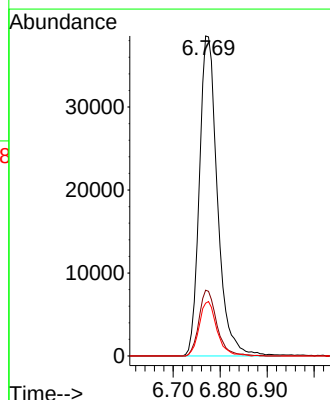
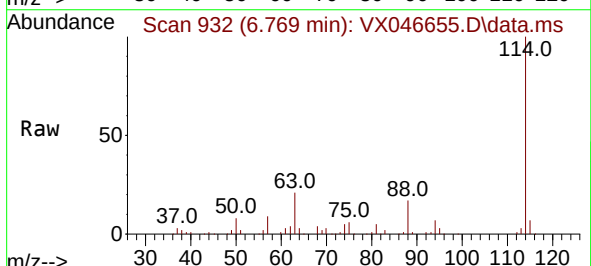
Tgt Ion:114 Resp: 103133

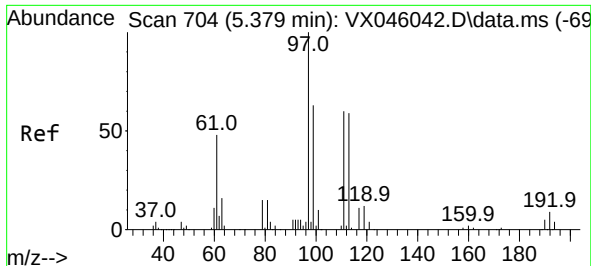
Ion Ratio Lower Upper

114 100

63 20.6 0.0 49.2

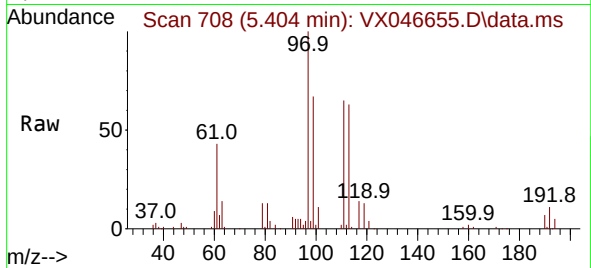
88 16.5 0.0 33.6





#35
Dibromofluoromethane
Concen: 53.445 ug/l
RT: 5.404 min Scan# 704
Delta R.T. 0.001 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

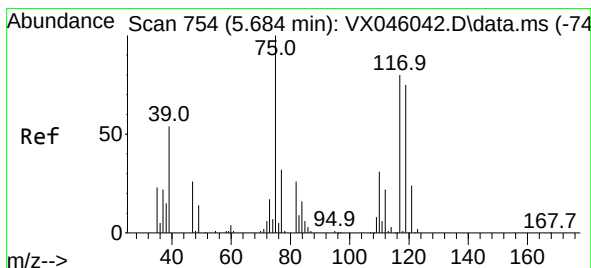
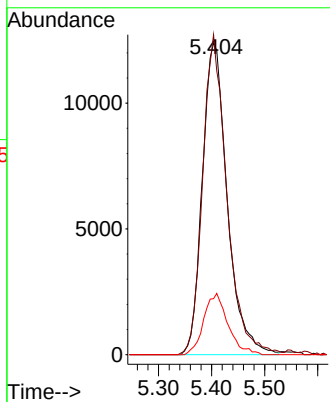
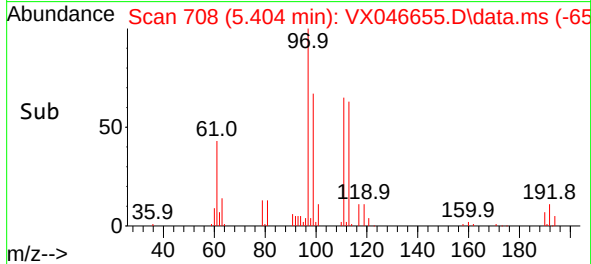
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 4053
Ion Ratio Lower Upper
113 100
111 99.7 83.1 124.7
192 19.1 13.3 19.9

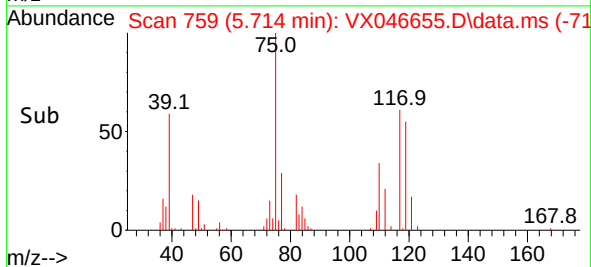
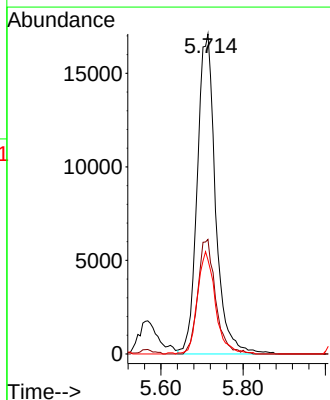
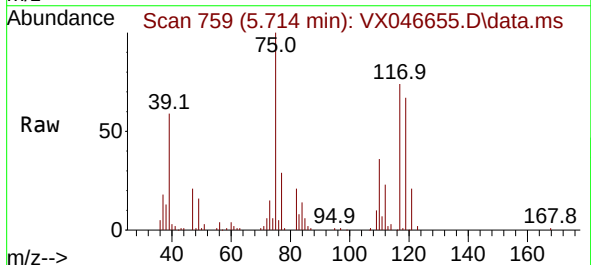
Manual Integrations
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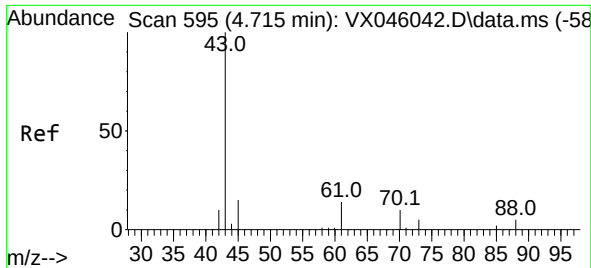
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#36
1,1-Dichloropropene
Concen: 48.637 ug/l
RT: 5.714 min Scan# 759
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

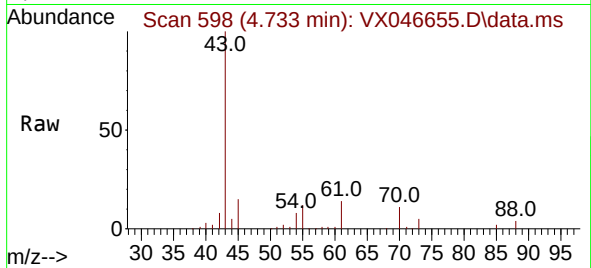
Tgt Ion: 75 Resp: 52692
Ion Ratio Lower Upper
75 100
110 34.9 16.3 48.9
77 31.4 24.3 36.5





#37
Ethyl Acetate
Concen: 61.106 ug/l
RT: 4.733 min Scan# 595
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

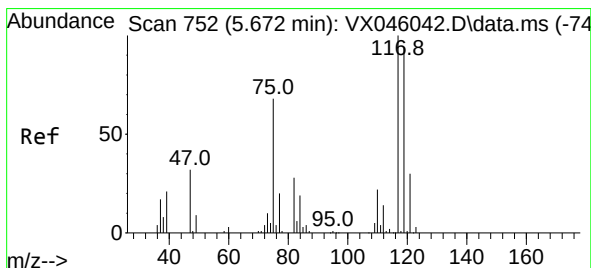
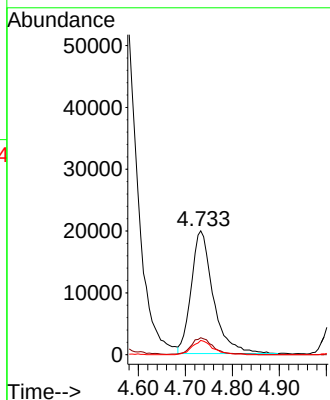
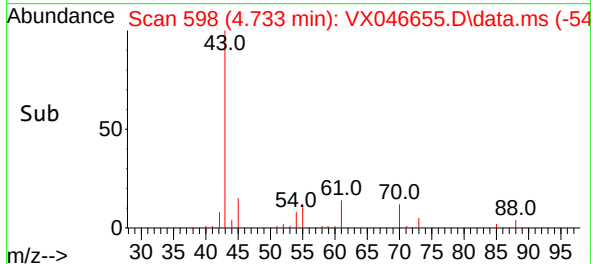
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 6461
Ion Ratio Lower Upper
43 100
61 13.9 10.3 15.5
70 10.9 7.9 11.9

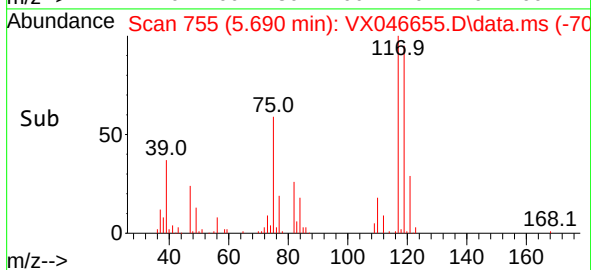
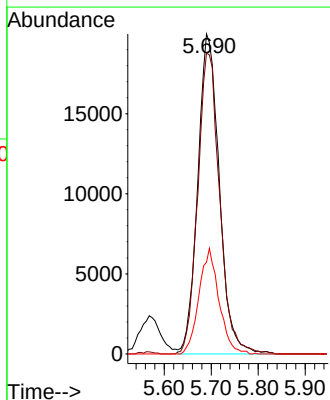
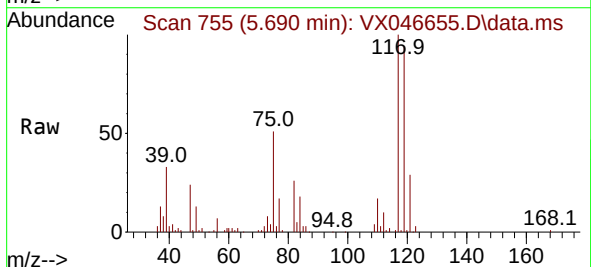
Manual Integrations
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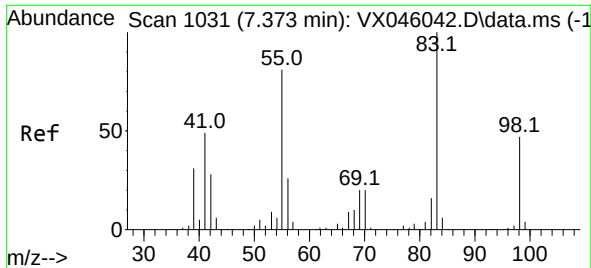
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#38
Carbon Tetrachloride
Concen: 52.505 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion:117 Resp: 63712
Ion Ratio Lower Upper
117 100
119 94.1 75.2 112.8
121 28.7 24.2 36.4





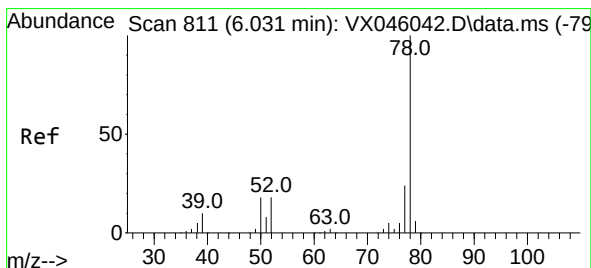
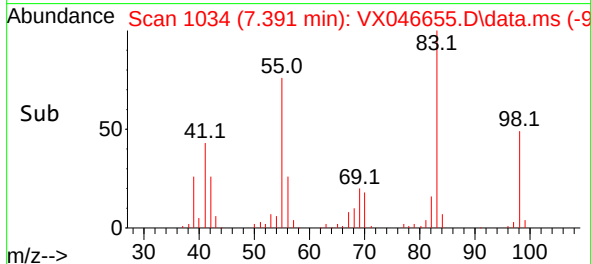
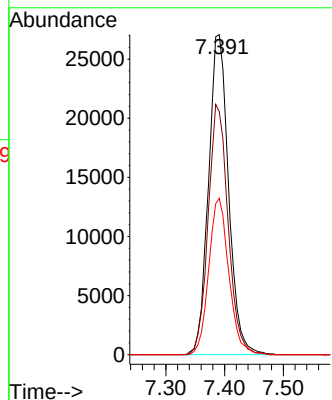
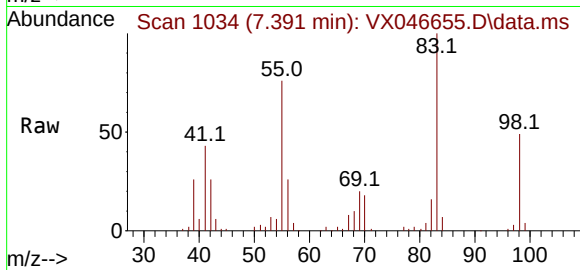
#39
Methylcyclohexane
Concen: 50.197 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 64189
Ion Ratio Lower Upper
83 100
55 75.9 64.7 97.1
98 48.8 37.4 56.2

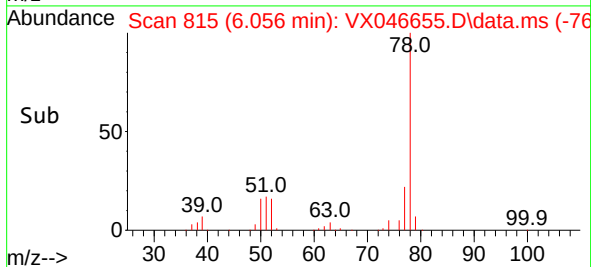
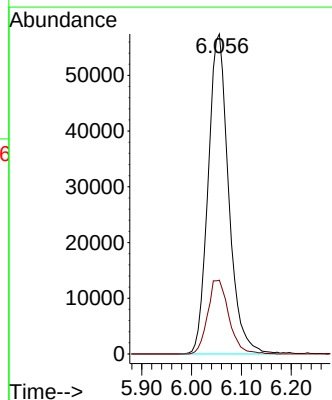
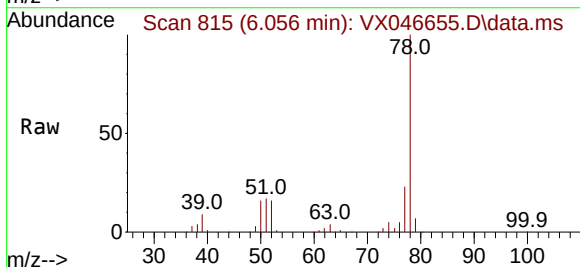
Manual Integrations
APPROVED

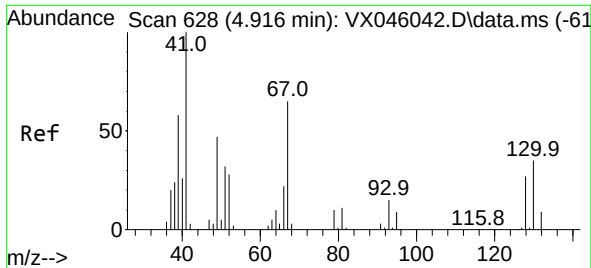
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#40
Benzene
Concen: 53.817 ug/l
RT: 6.056 min Scan# 815
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 78 Resp: 164135
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4





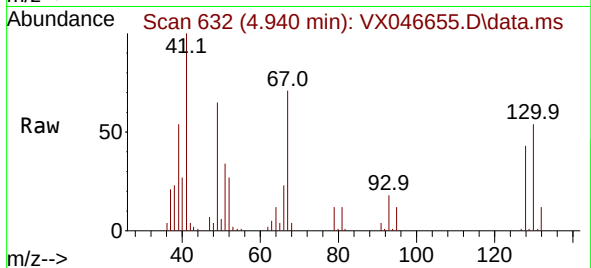
#41
Methacrylonitrile
Concen: 57.404 ug/l
RT: 4.940 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



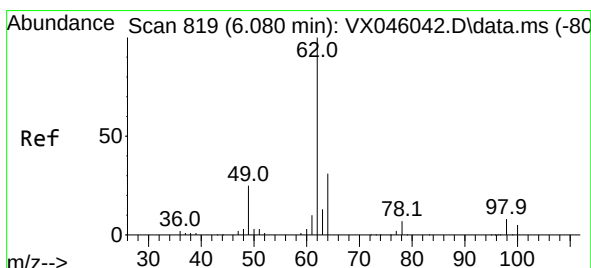
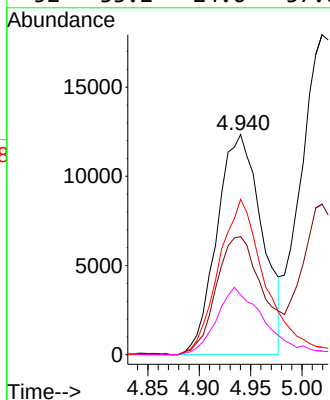
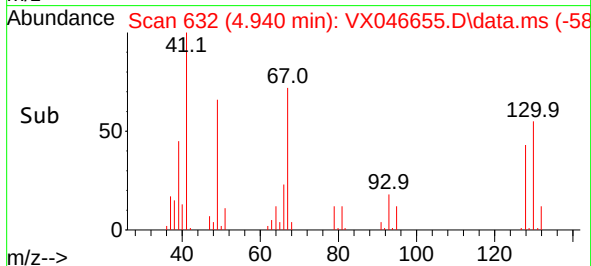
Tgt Ion:	41	Resp:	3769
Ion Ratio	100	Lower	Upper
39	56.3	47.2	70.8
67	74.1	50.7	76.1
52	33.2	24.6	37.0

Manual Integrations

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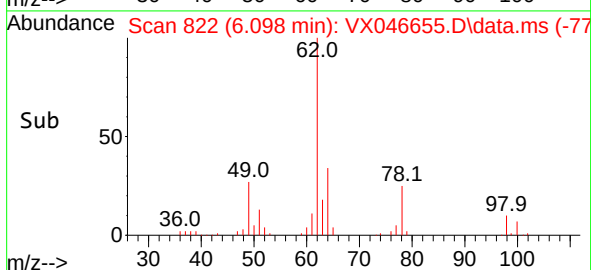
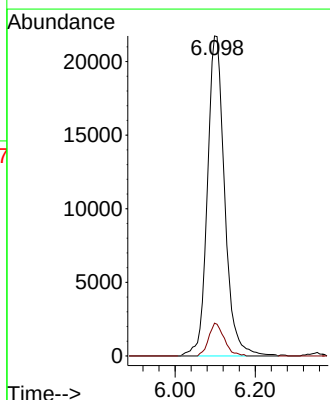
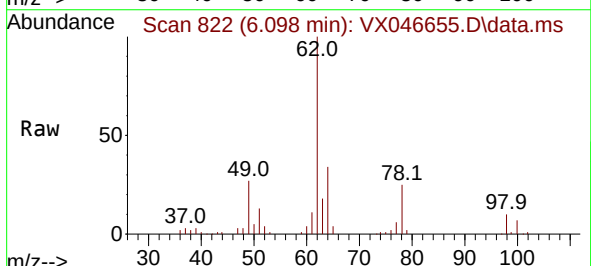
Reviewed By :John Carlone 06/12/2025

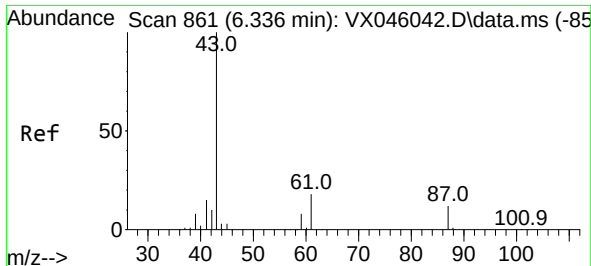
Supervised By :Mahesh Dadoda 06/12/2025



#42
1,2-Dichloroethane
Concen: 51.048 ug/l
RT: 6.098 min Scan# 822
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

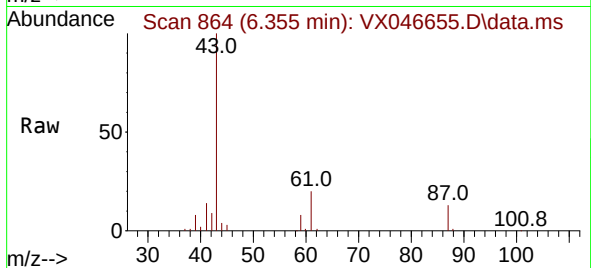
Tgt Ion:	62	Resp:	64771
Ion Ratio	100	Lower	Upper
98	9.3	0.0	15.2





#43
Isopropyl Acetate
Concen: 46.901 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

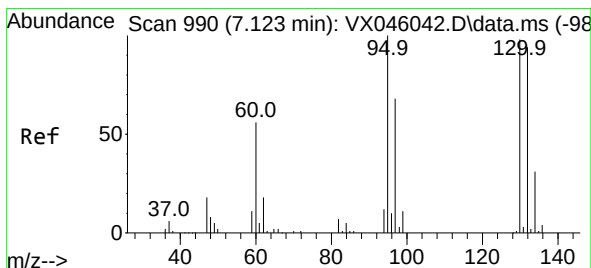
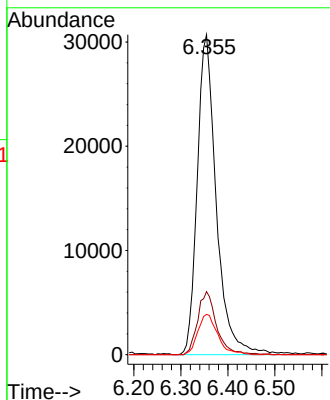
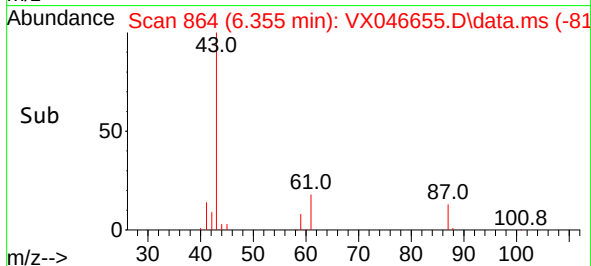
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 86454
Ion Ratio Lower Upper
43 100
61 19.6 14.3 21.5
87 13.1 9.5 14.3

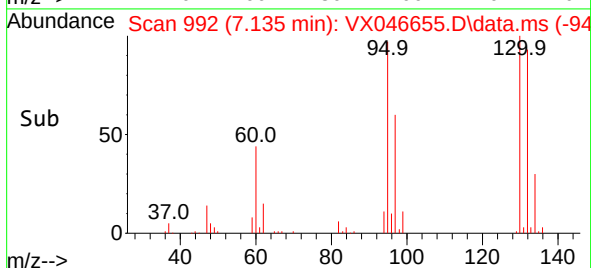
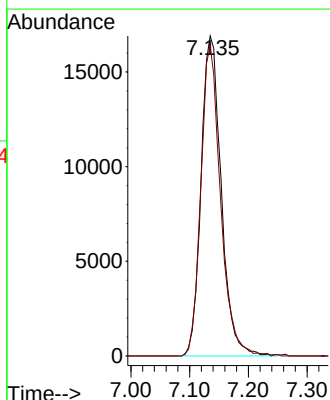
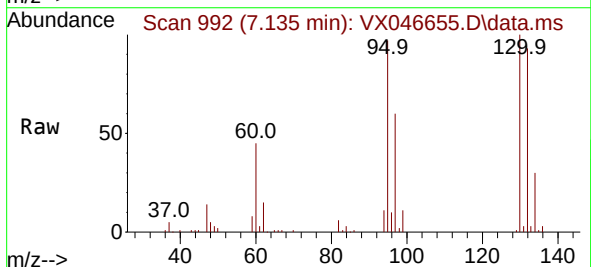
Manual Integrations
APPROVED

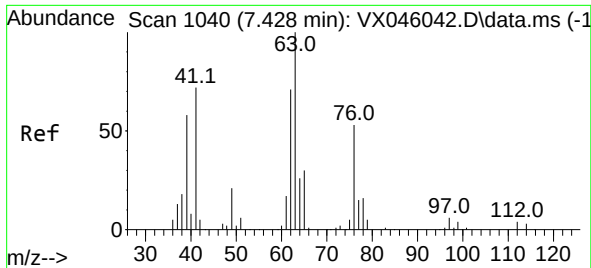
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#44
Trichloroethene
Concen: 51.969 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion:130 Resp: 40272
Ion Ratio Lower Upper
130 100
95 97.0 0.0 204.2





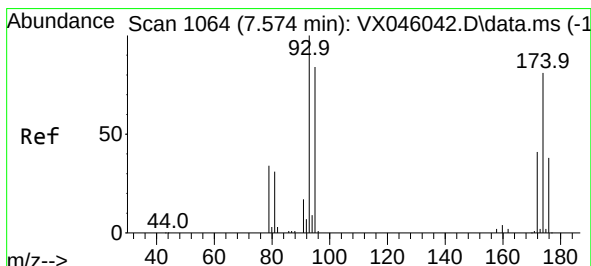
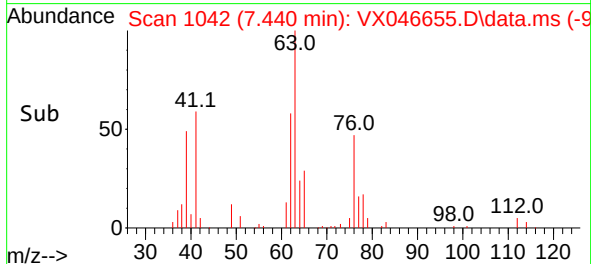
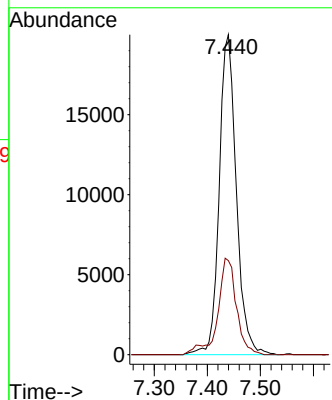
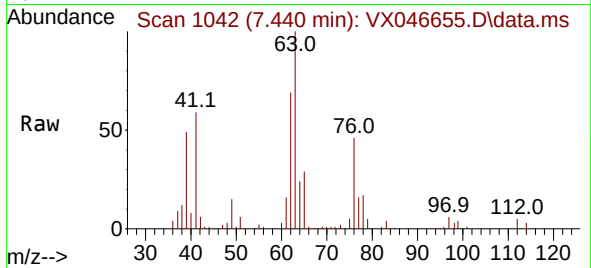
#45
1,2-Dichloropropane
Concen: 56.863 ug/l
RT: 7.440 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 44764
Ion Ratio Lower Upper
63 100
65 29.4 24.1 36.1

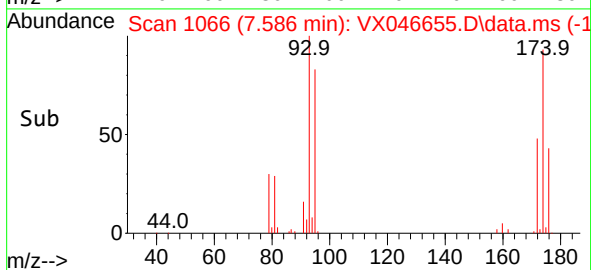
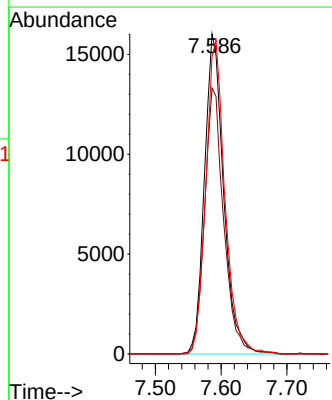
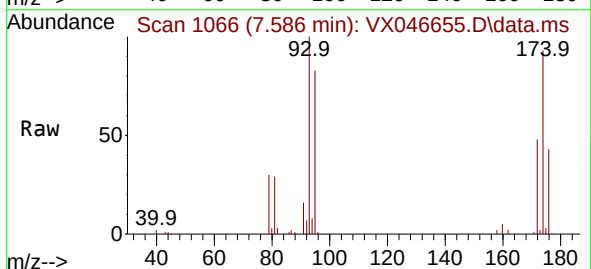
Manual Integrations
APPROVED

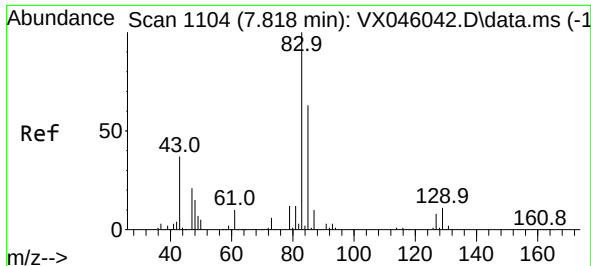
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#46
Dibromomethane
Concen: 54.891 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 93 Resp: 32508
Ion Ratio Lower Upper
93 100
95 82.9 65.6 98.4
174 97.9 68.2 102.2





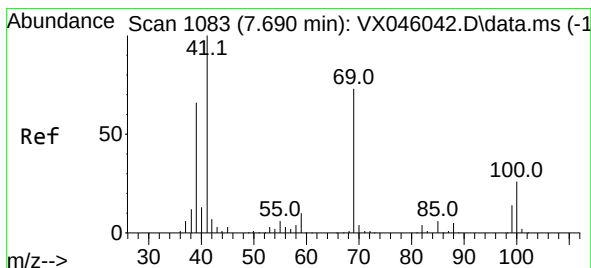
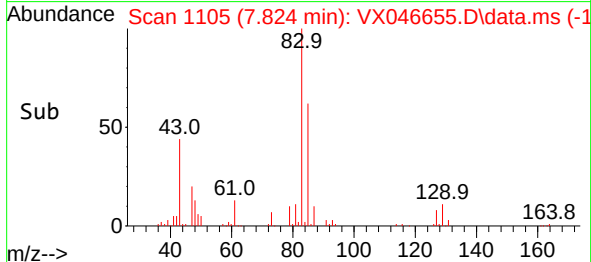
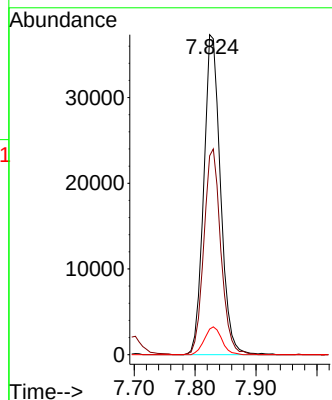
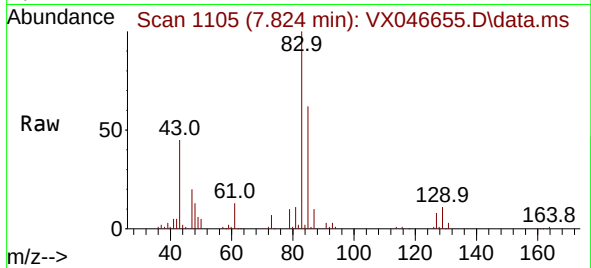
#47
Bromodichloromethane
Concen: 58.475 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 7120
Ion Ratio Lower Upper
83 100
85 62.2 50.5 75.7
127 8.0 6.5 9.7

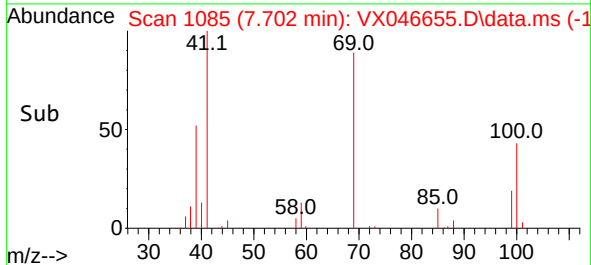
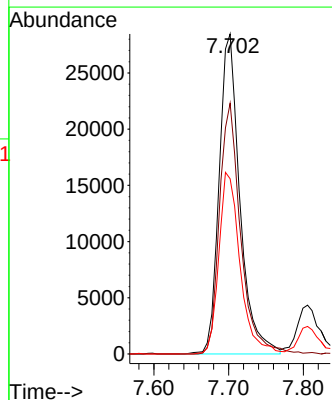
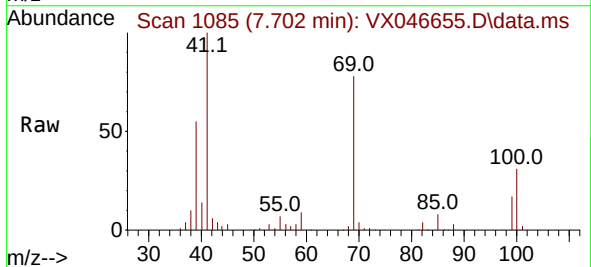
Manual Integrations
APPROVED

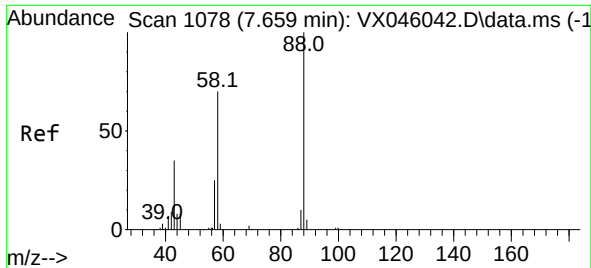
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#48
Methyl methacrylate
Concen: 57.997 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 41 Resp: 55006
Ion Ratio Lower Upper
41 100
69 79.8 58.5 87.7
39 58.4 51.7 77.5





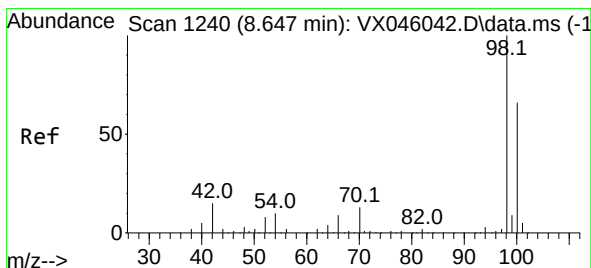
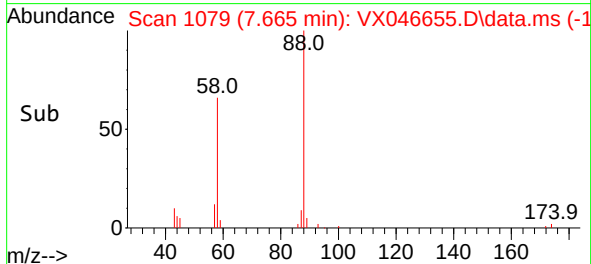
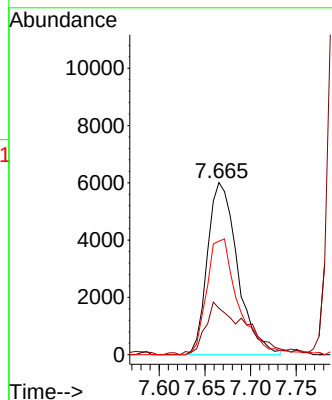
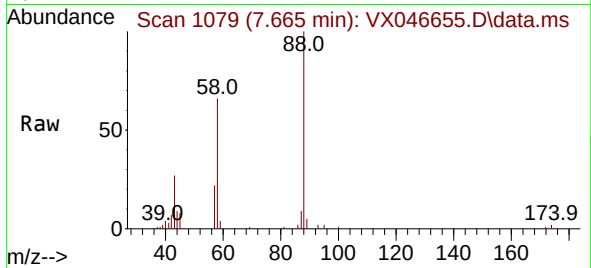
#49
1,4-Dioxane
Concen: 1081.054 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 1371
Ion Ratio Lower Upper
88 100
43 41.7 33.4 50.2
58 71.2 58.6 88.0

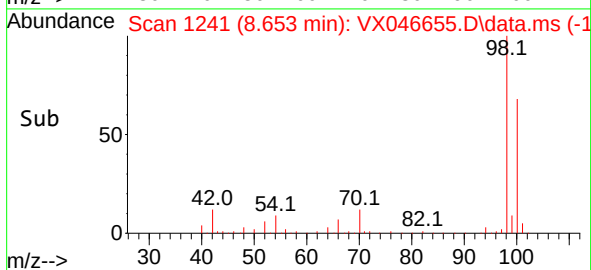
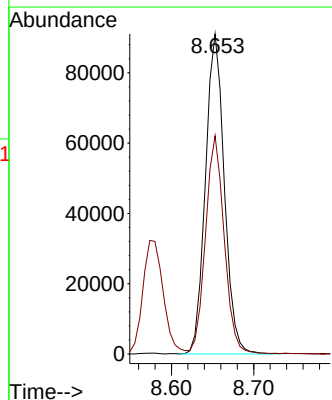
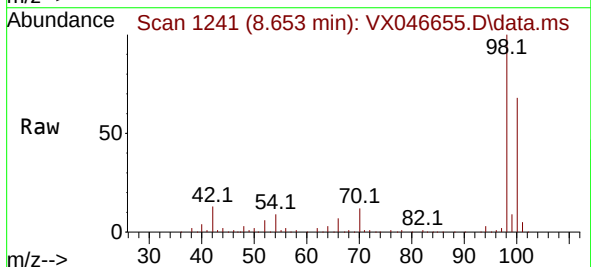
Manual Integrations
APPROVED

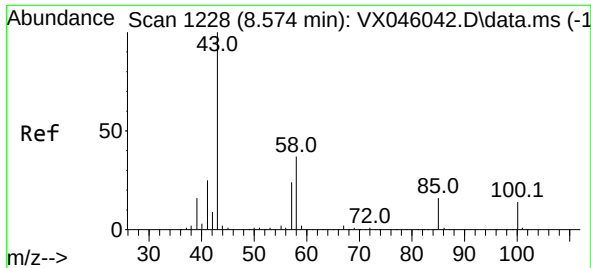
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#50
Toluene-d8
Concen: 58.134 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 98 Resp: 145362
Ion Ratio Lower Upper
98 100
100 67.3 53.5 80.3





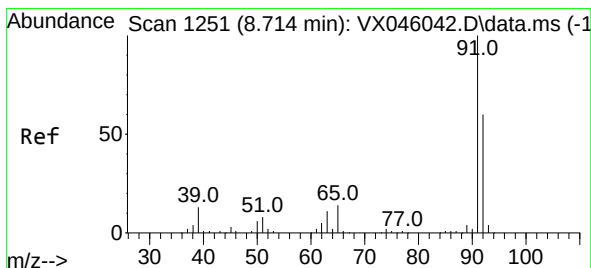
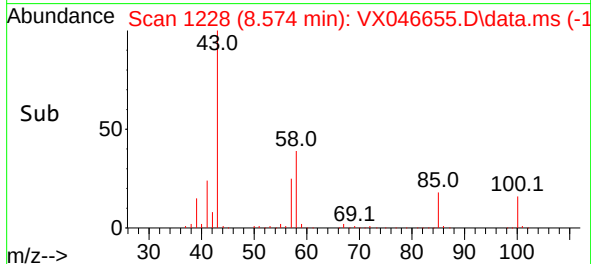
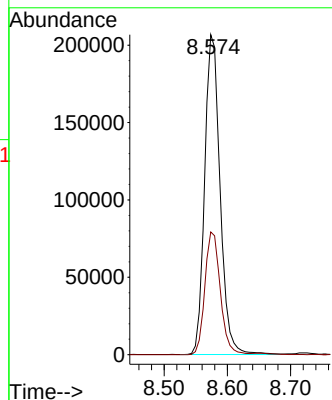
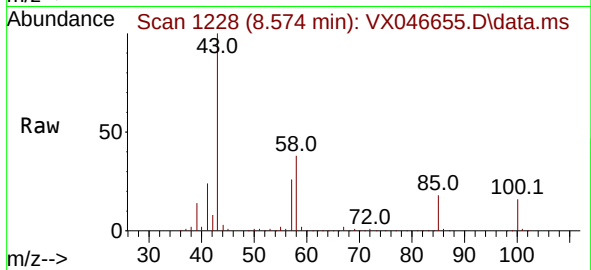
#51
4-Methyl-2-Pentanone
Concen: 300.612 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 352128
Ion Ratio Lower Upper
43 100
58 38.4 28.9 43.3

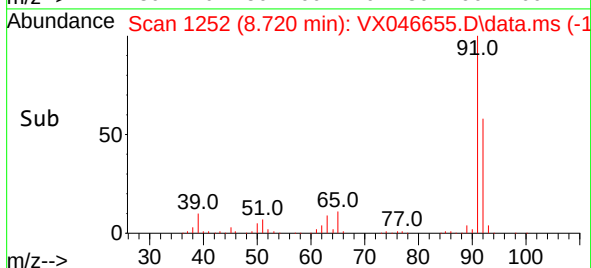
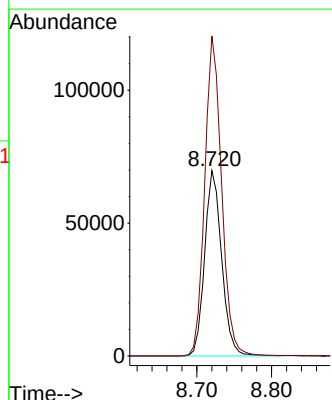
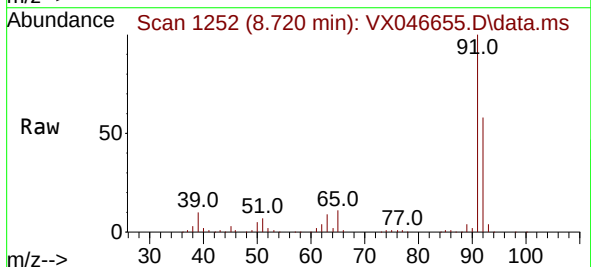
Manual Integrations
APPROVED

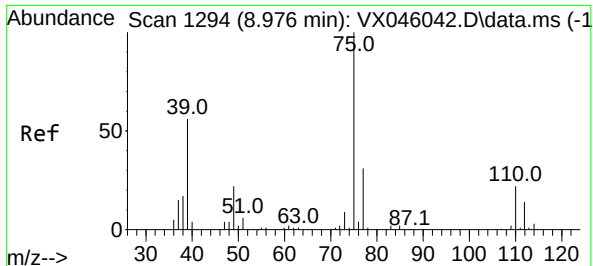
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#52
Toluene
Concen: 58.885 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion: 92 Resp: 110334
Ion Ratio Lower Upper
92 100
91 171.4 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 59.387 ug/l

RT: 8.982 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 64839

Ion Ratio Lower Upper

75 100

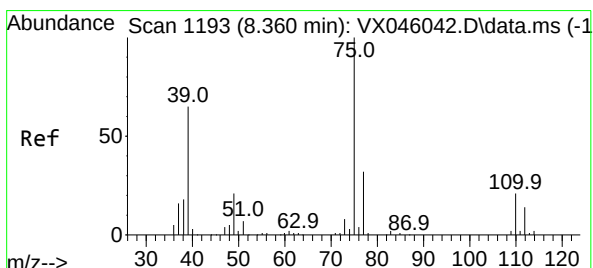
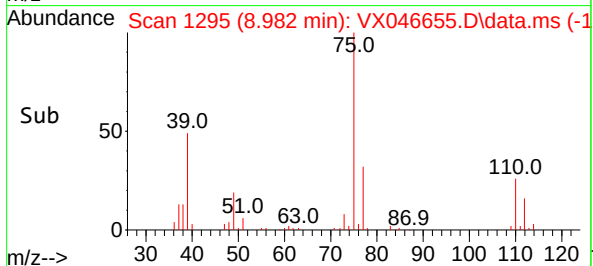
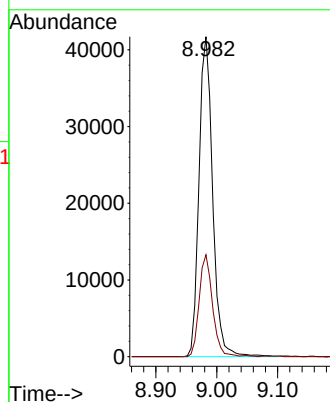
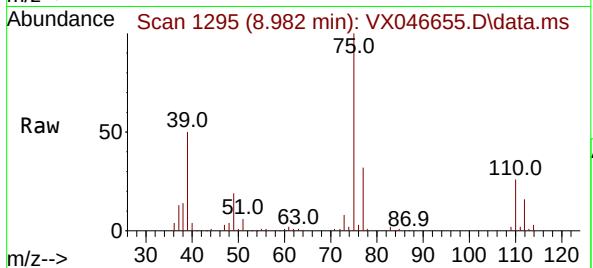
77 31.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#54

cis-1,3-Dichloropropene

Concen: 59.000 ug/l

RT: 8.372 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

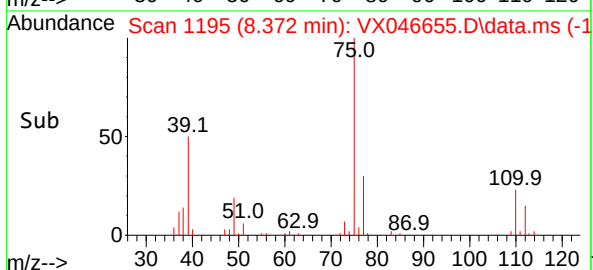
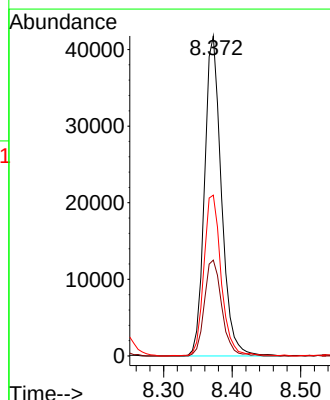
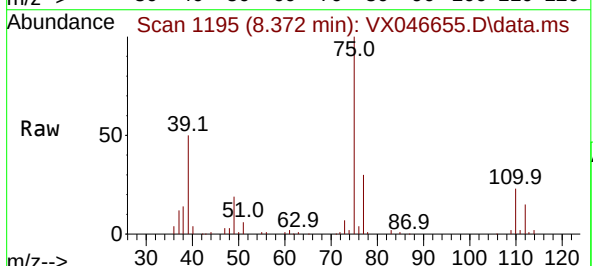
Tgt Ion: 75 Resp: 71622

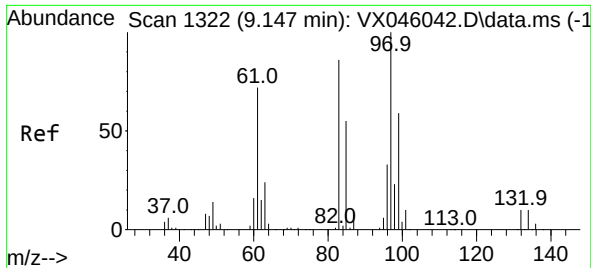
Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.0

39 50.2 52.2 78.4#





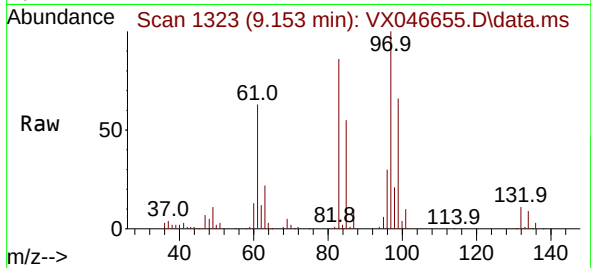
#55
1,1,2-Trichloroethane
Concen: 63.091 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



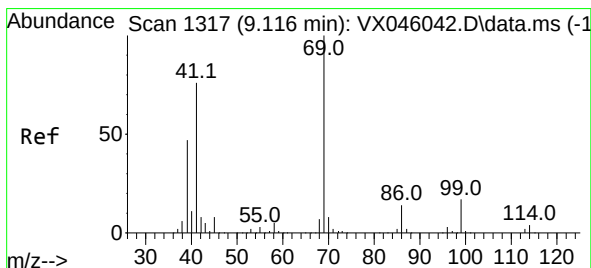
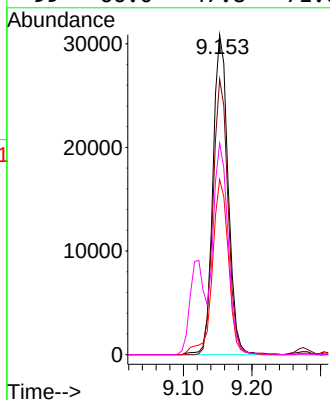
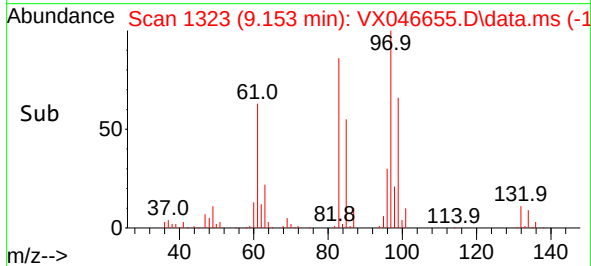
Tgt Ion: 97 Resp: 4745
Ion Ratio Lower Upper
97 100
83 86.1 69.0 103.6
85 54.7 44.3 66.5
99 66.0 47.8 71.6

Manual Integrations

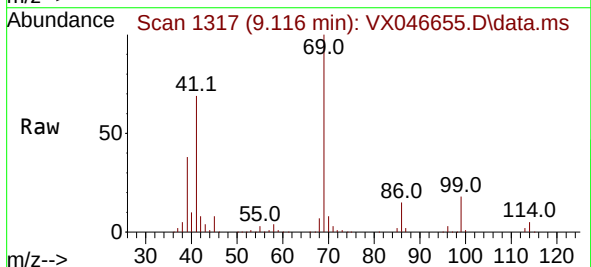
APPROVED

Reviewed By :John Carlone 06/12/2025

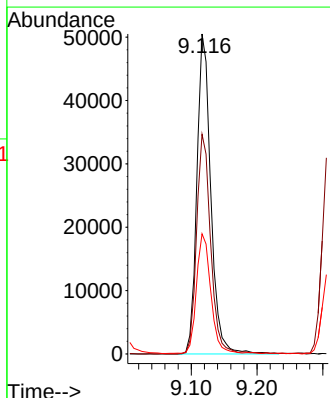
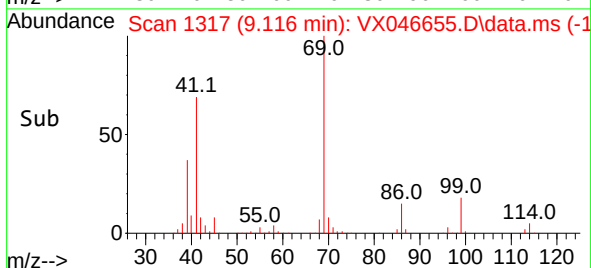
Supervised By :Mahesh Dadoda 06/12/2025

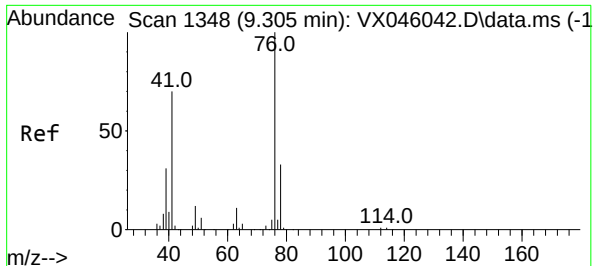


#56
Ethyl methacrylate
Concen: 64.164 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53



Tgt Ion: 69 Resp: 74272
Ion Ratio Lower Upper
69 100
41 69.7 60.8 91.2
39 38.3 39.0 58.6#





#57

1,3-Dichloropropane

Concen: 59.311 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 7884

Ion Ratio Lower Upper

76 100

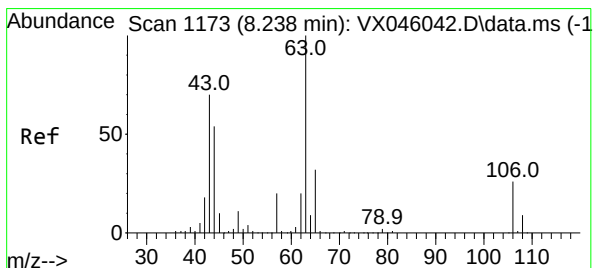
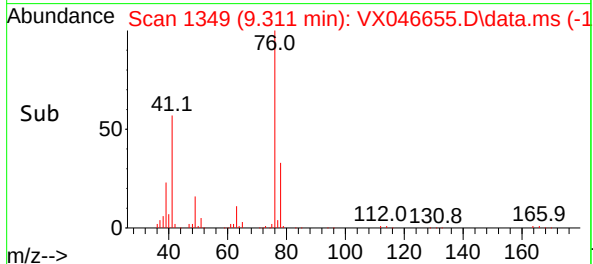
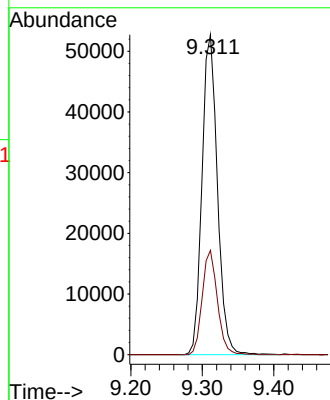
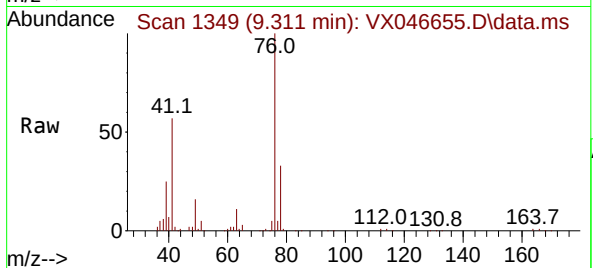
78 32.0 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 326.346 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX046655.D

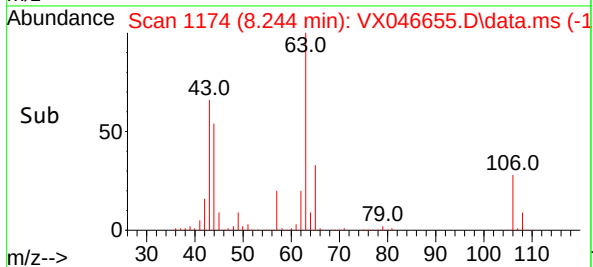
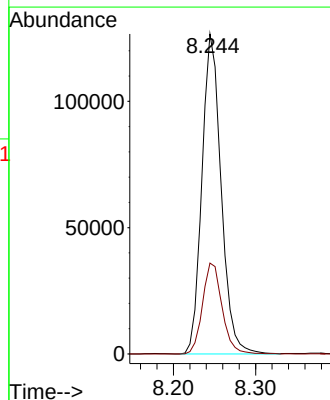
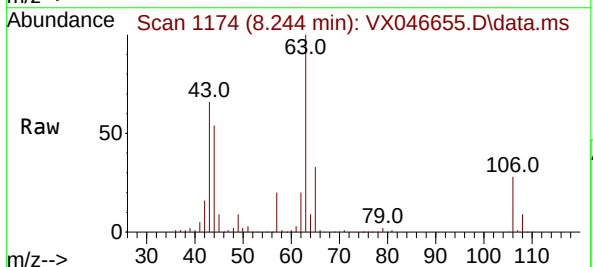
Acq: 11 Jun 2025 21:53

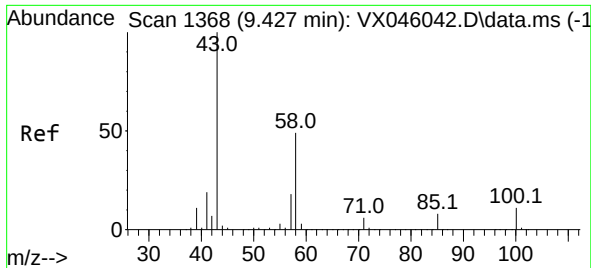
Tgt Ion: 63 Resp: 205760

Ion Ratio Lower Upper

63 100

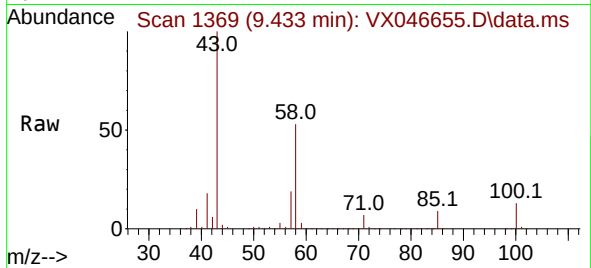
106 28.9 21.5 32.3





#59
2-Hexanone
Concen: 304.108 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

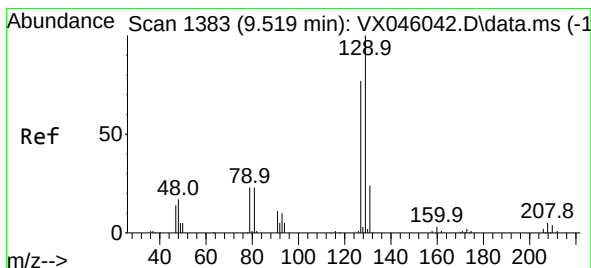
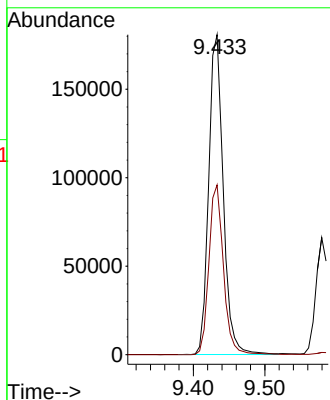
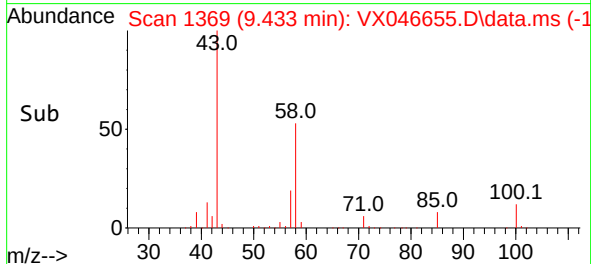
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 255479
Ion Ratio Lower Upper
43 100
58 53.2 24.9 74.6

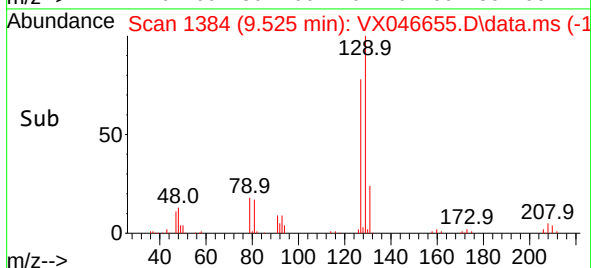
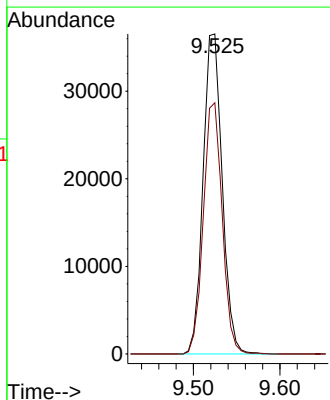
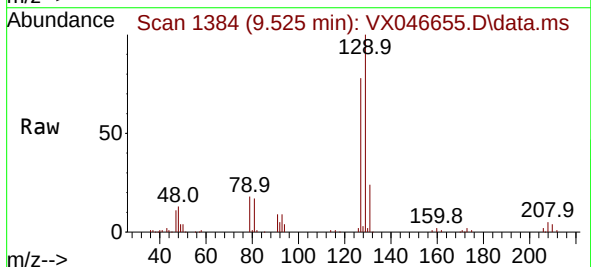
Manual Integrations
APPROVED

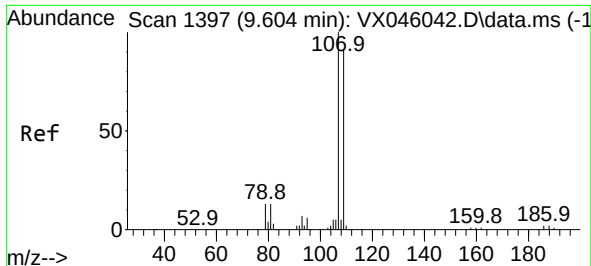
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#60
Dibromochloromethane
Concen: 63.341 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

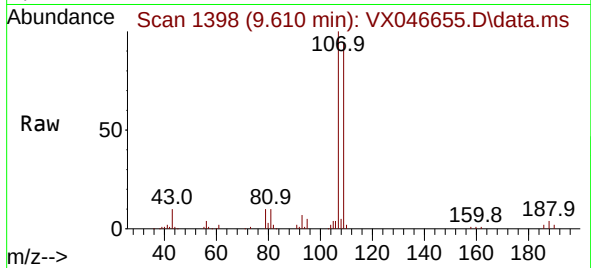
Tgt Ion:129 Resp: 56043
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#61
1,2-Dibromoethane
Concen: 61.312 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

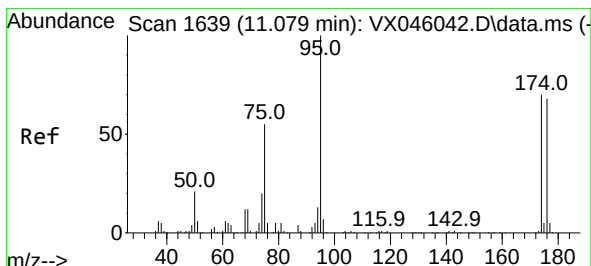
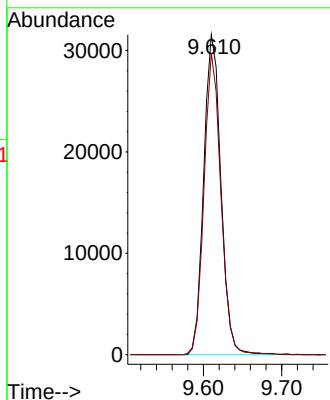
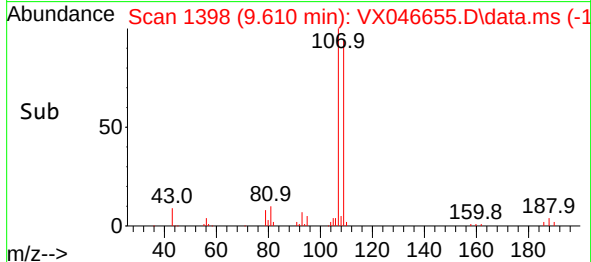
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 48058
Ion Ratio Lower Upper
107 100
109 92.4 73.3 109.9

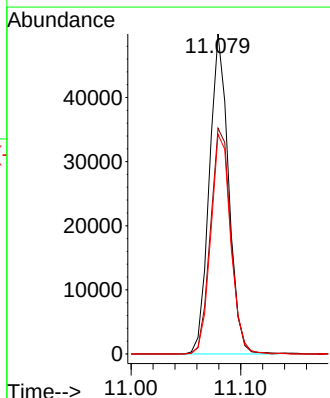
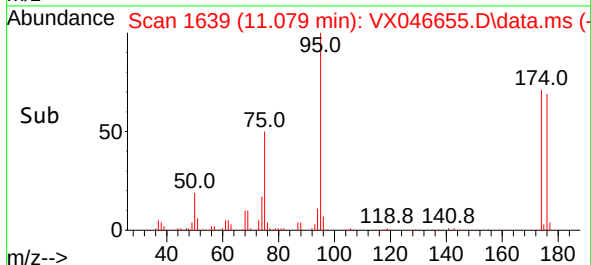
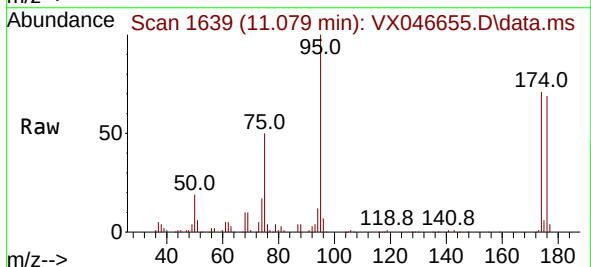
Manual Integrations
APPROVED

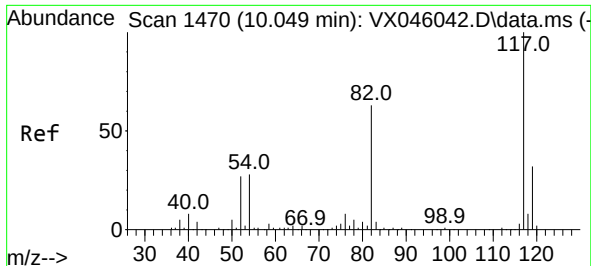
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#62
4-Bromofluorobenzene
Concen: 58.782 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

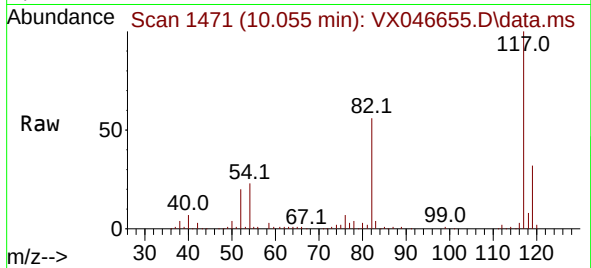
Tgt Ion: 95 Resp: 60813
Ion Ratio Lower Upper
95 100
174 74.7 0.0 135.8
176 71.1 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

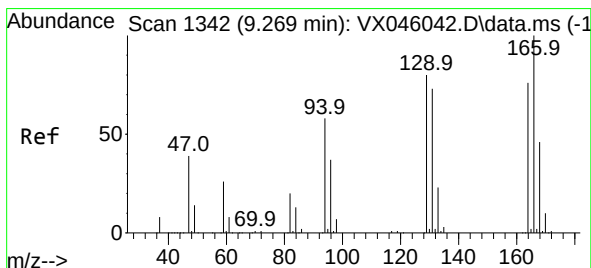
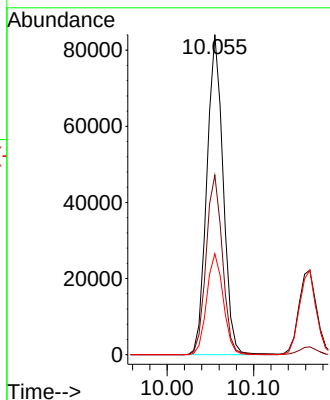
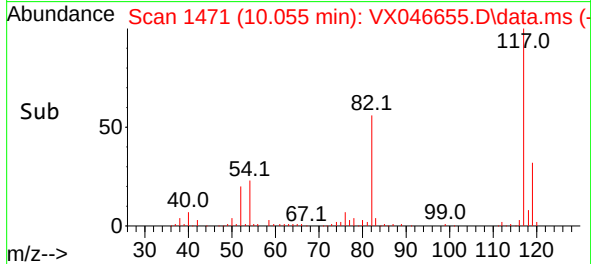
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 10984
Ion Ratio Lower Upper
117 100
82 56.1 50.6 76.0
119 31.6 25.8 38.6

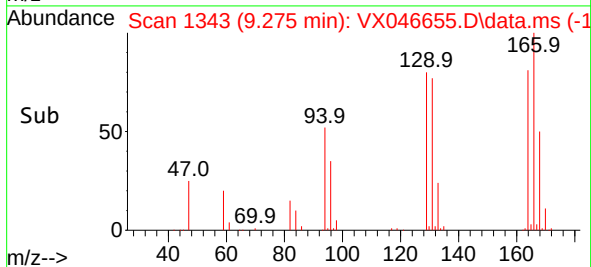
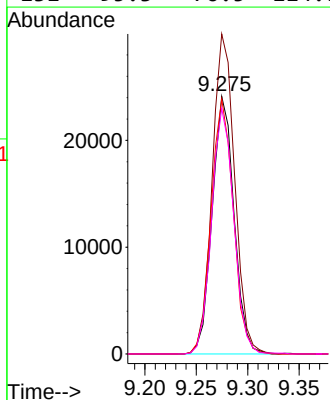
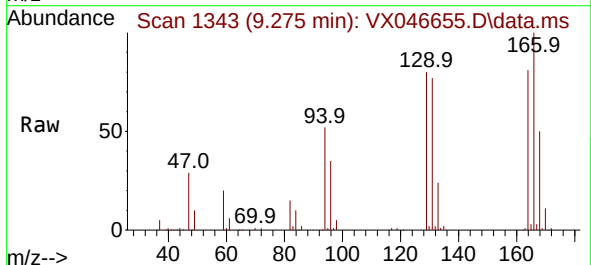
Manual Integrations
APPROVED

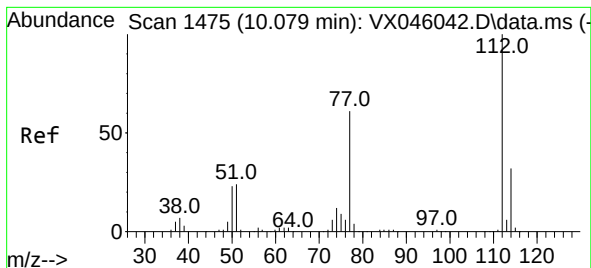
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#64
Tetrachloroethene
Concen: 48.490 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion:164 Resp: 35616
Ion Ratio Lower Upper
164 100
166 124.2 105.0 157.6
129 99.0 83.5 125.3
131 95.3 76.5 114.7





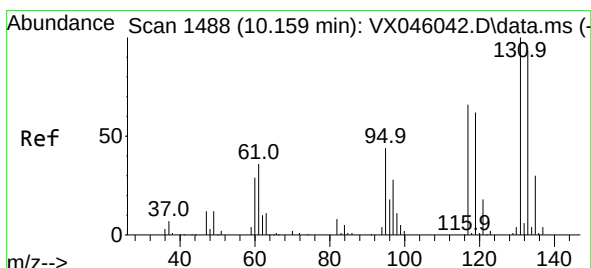
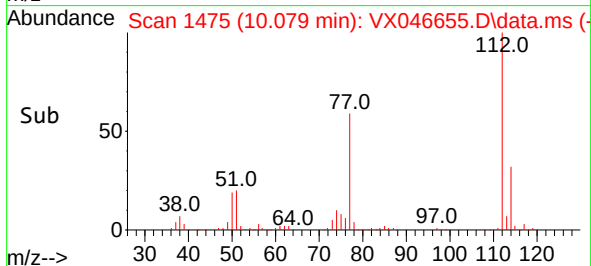
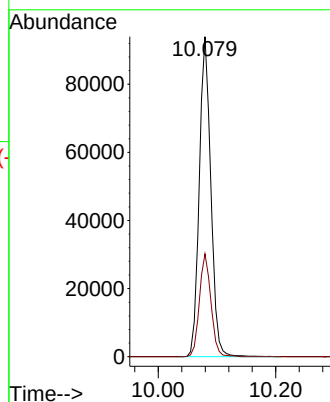
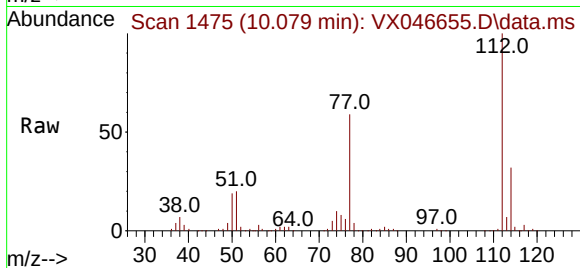
#65
Chlorobenzene
Concen: 49.628 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 128200
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

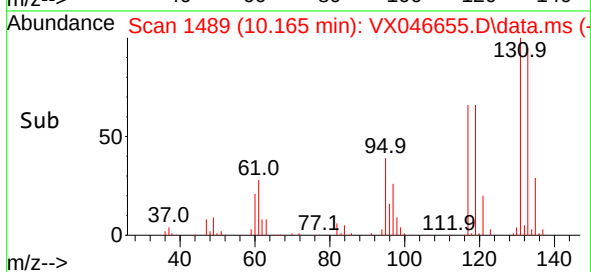
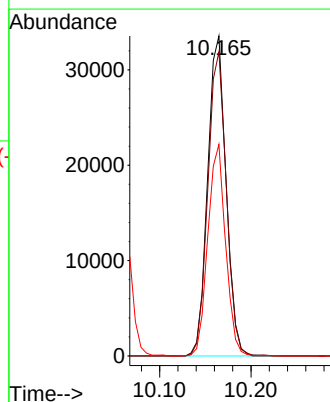
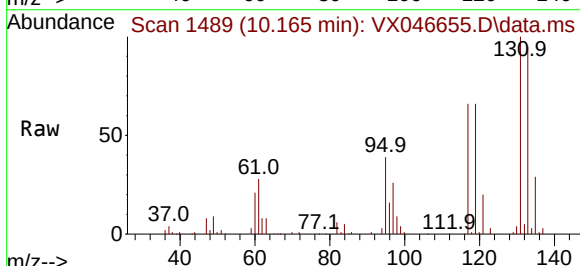
Manual Integrations
APPROVED

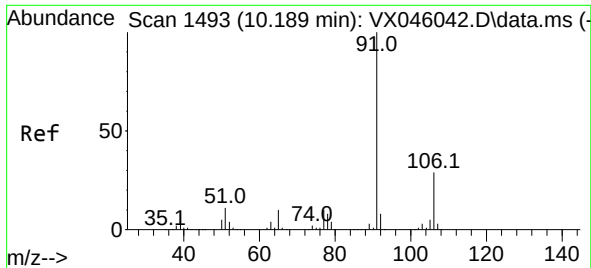
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.692 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

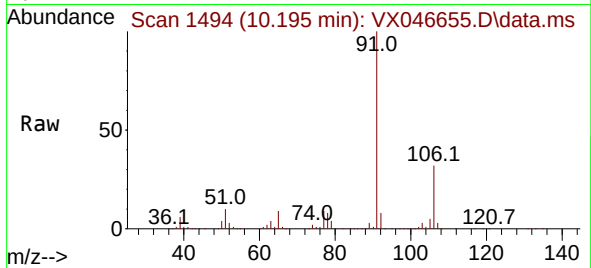
Tgt Ion:131 Resp: 46871
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 63.8 31.6 95.0





#67
Ethyl Benzene
Concen: 48.555 ug/l
RT: 10.195 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

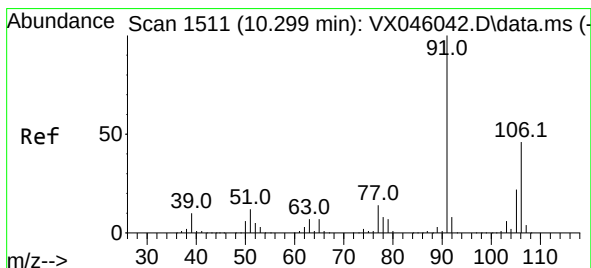
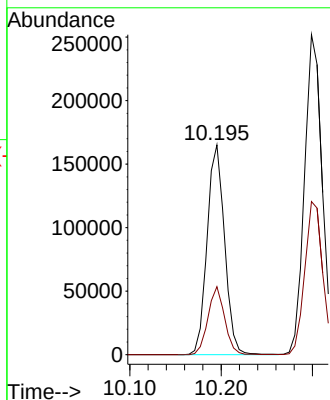
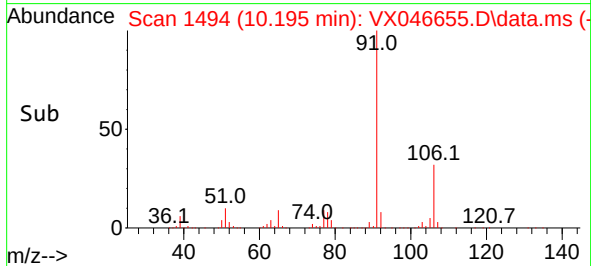
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 218975
Ion Ratio Lower Upper
91 100
106 32.4 23.4 35.2

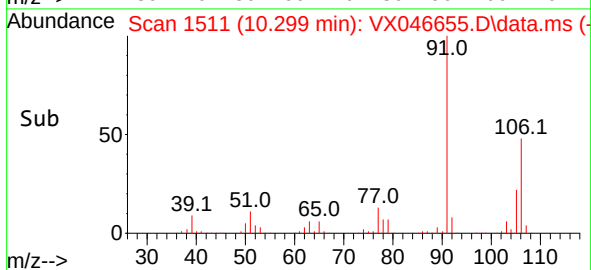
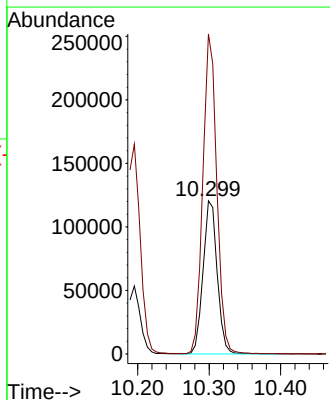
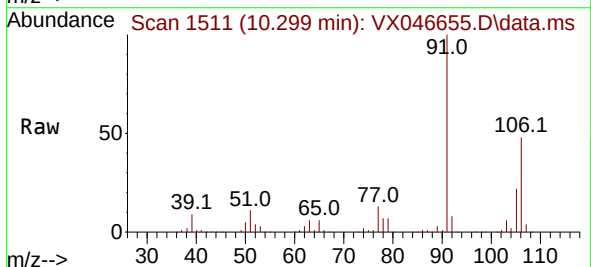
Manual Integrations
APPROVED

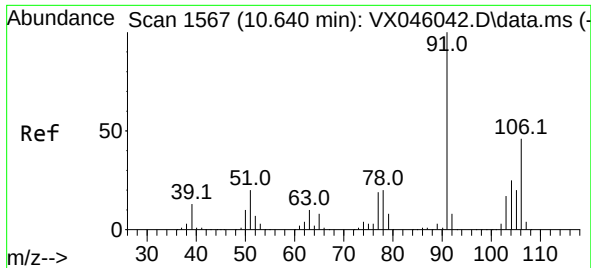
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#68
m/p-Xylenes
Concen: 101.164 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion:106 Resp: 165500
Ion Ratio Lower Upper
106 100
91 206.2 171.2 256.8





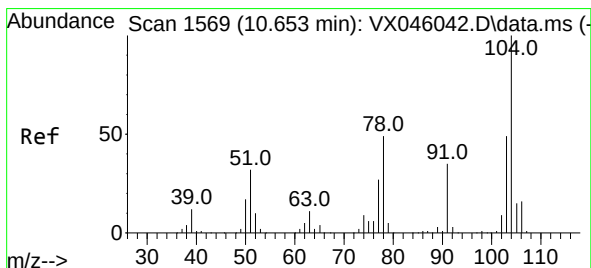
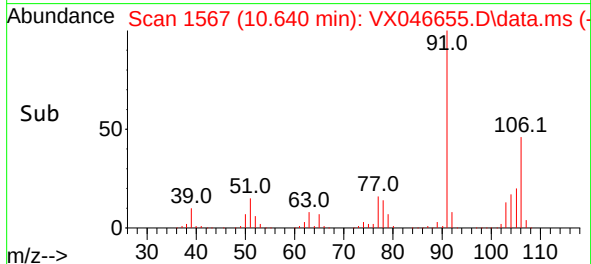
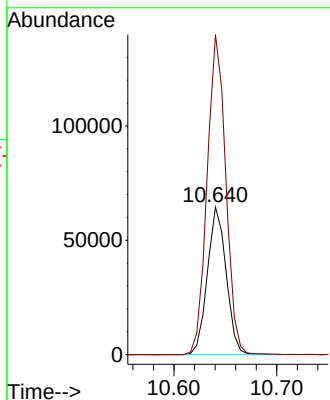
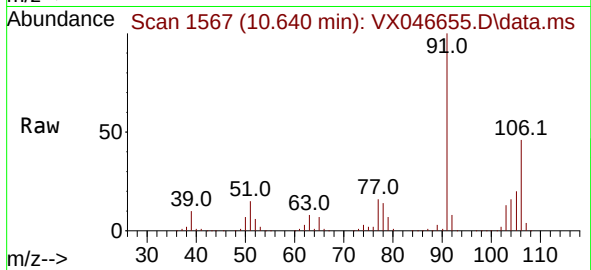
#69
o-Xylene
Concen: 51.805 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 81974
Ion Ratio Lower Upper
106 100
91 215.7 112.7 338.1

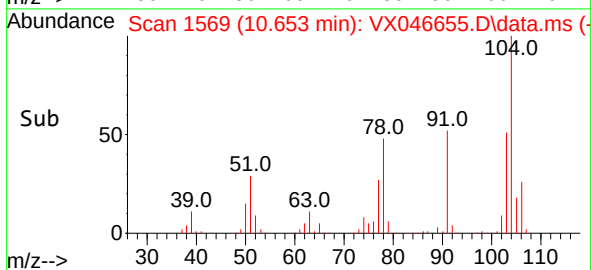
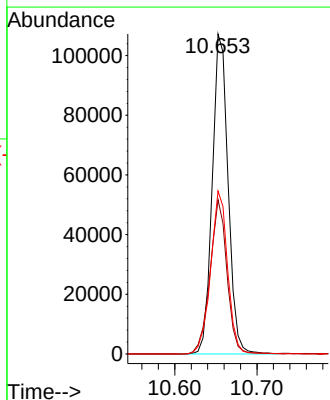
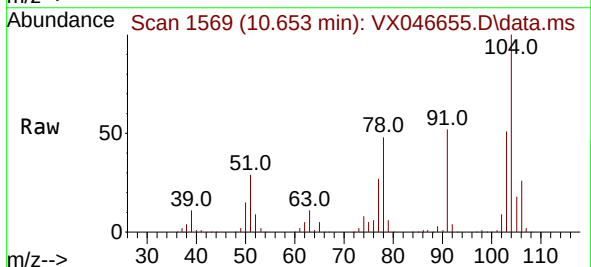
Manual Integrations
APPROVED

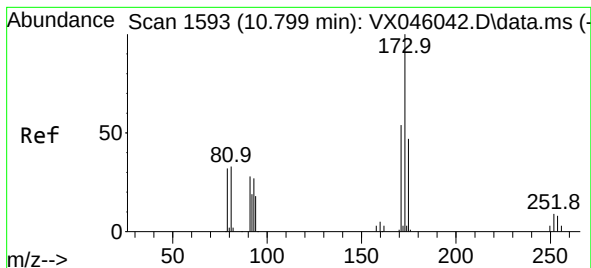
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#70
Styrene
Concen: 53.029 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.005 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion:104 Resp: 143638
Ion Ratio Lower Upper
104 100
78 51.6 45.7 68.5
103 54.5 43.7 65.5





#71

Bromoform

Concen: 55.688 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

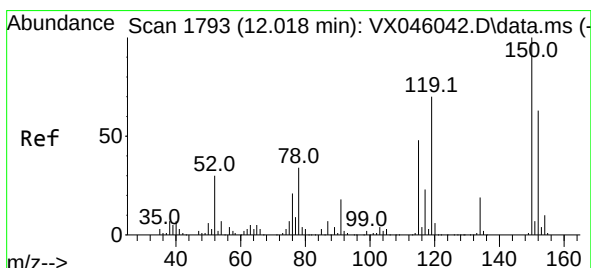
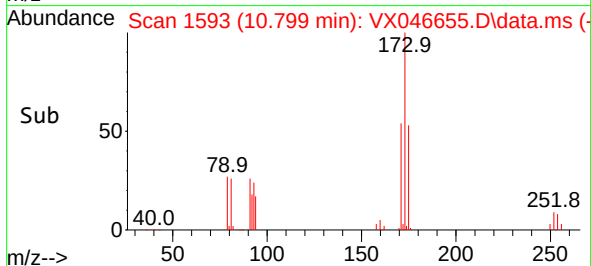
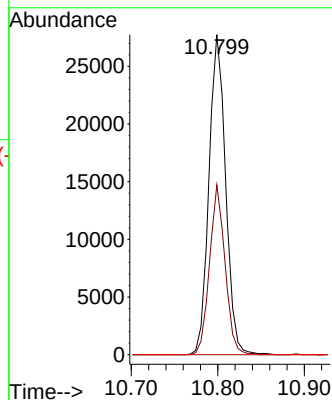
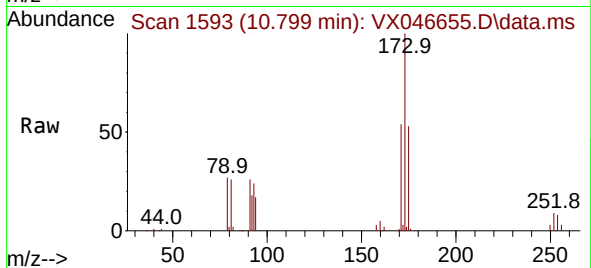
Tgt Ion:173	Resp:	3706
Ion Ratio	Lower	Upper
173	100	
175	49.4	23.4 70.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

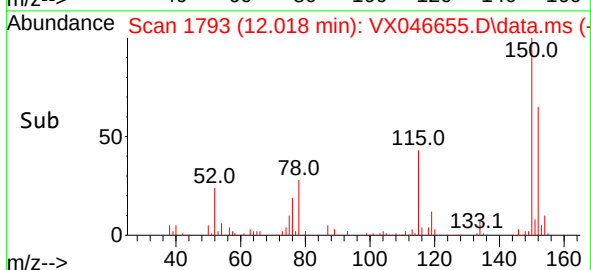
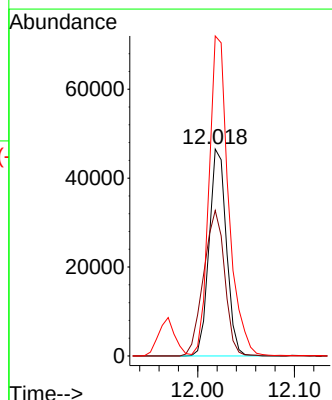
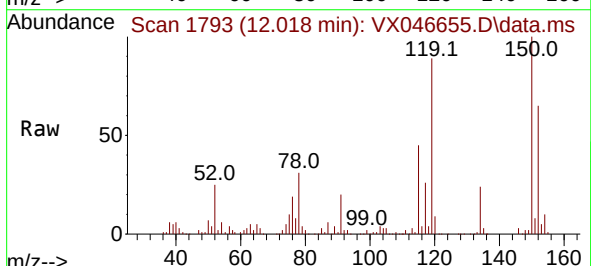
RT: 12.018 min Scan# 1793

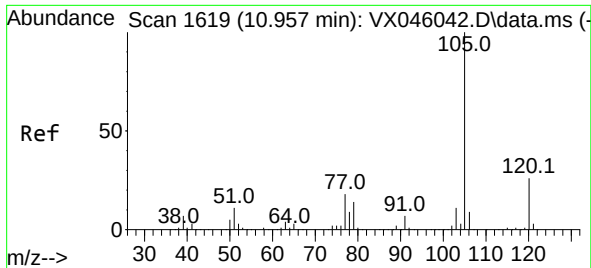
Delta R.T. -0.006 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53

Tgt Ion:152	Resp:	58012
Ion Ratio	Lower	Upper
152	100	
115	85.5	46.9 140.7
150	173.8	0.0 351.0





#73
Isopropylbenzene
Concen: 47.816 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

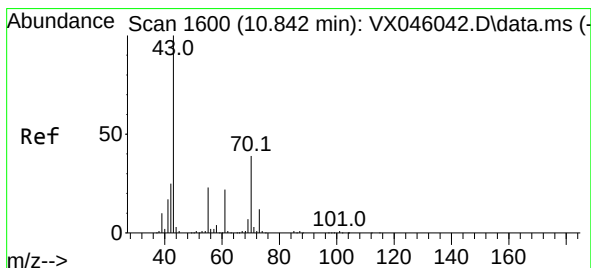
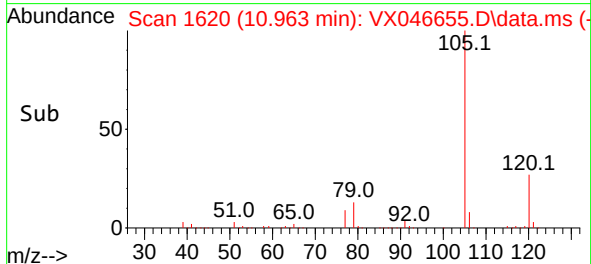
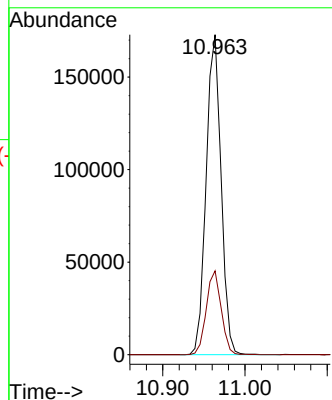
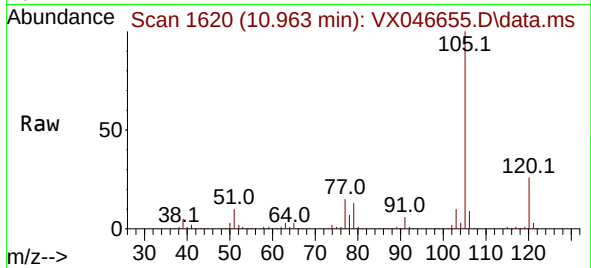
Tgt Ion:105 Resp: 21805
Ion Ratio Lower Upper
105 100
120 26.2 12.8 38.4

Manual Integrations

APPROVED

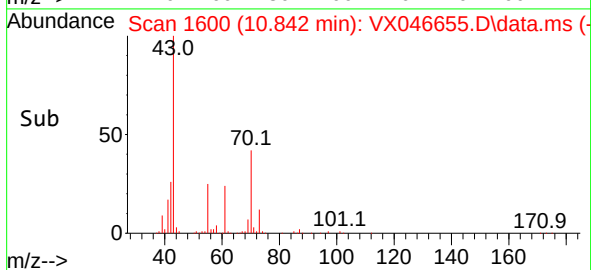
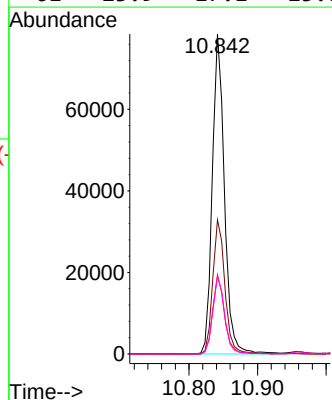
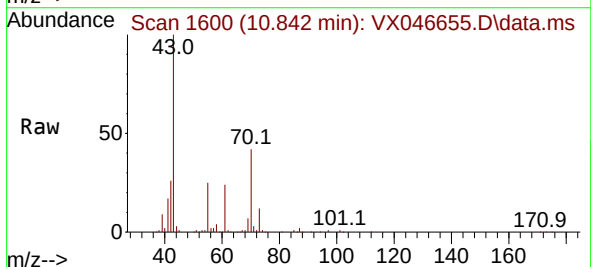
Reviewed By :John Carlone 06/12/2025

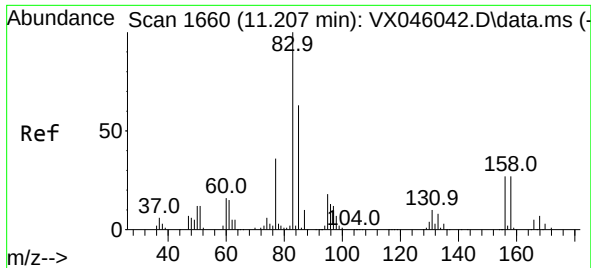
Supervised By :Mahesh Dadoda 06/12/2025



#74
N-ethyl acetate
Concen: 48.141 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

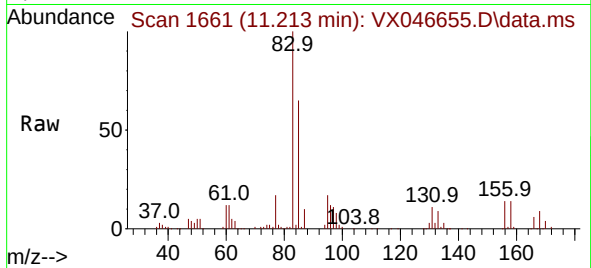
Tgt Ion: 43 Resp: 96679
Ion Ratio Lower Upper
43 100
70 42.3 30.9 46.3
55 24.2 18.7 28.1
61 23.9 17.1 25.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.692 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

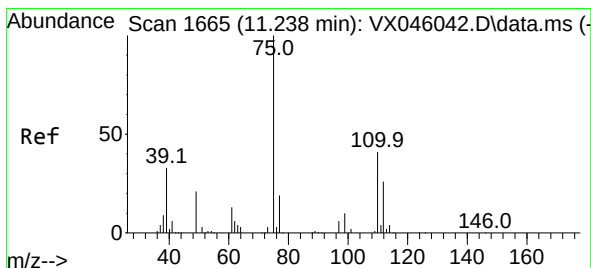
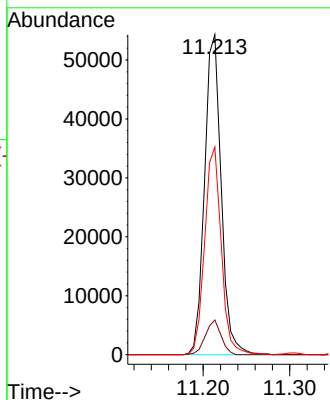
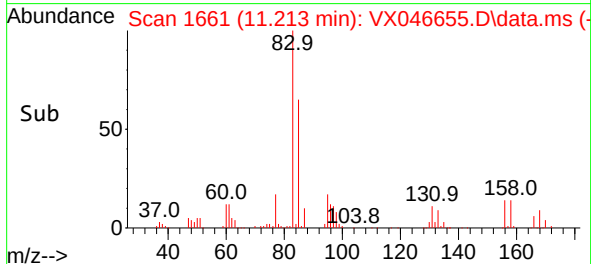
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 72534
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.7 31.9 95.7

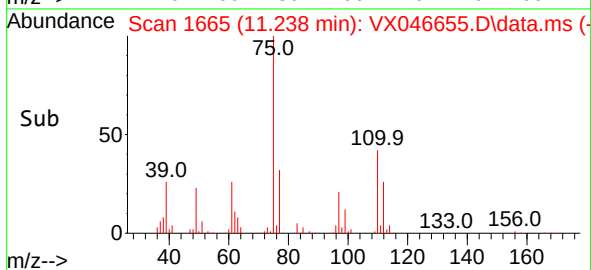
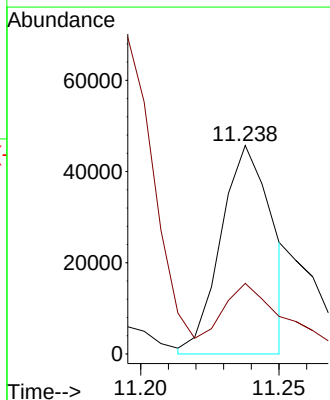
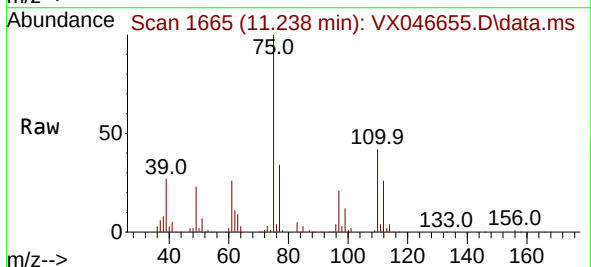
Manual Integrations
APPROVED

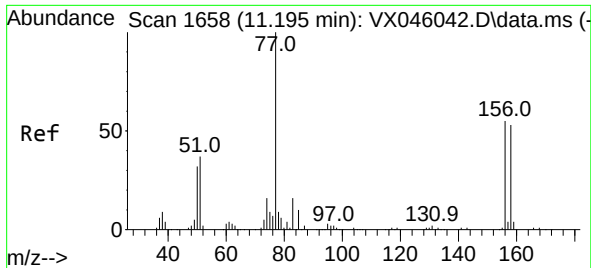
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#76
1,2,3-Trichloropropane
Concen: 47.950 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

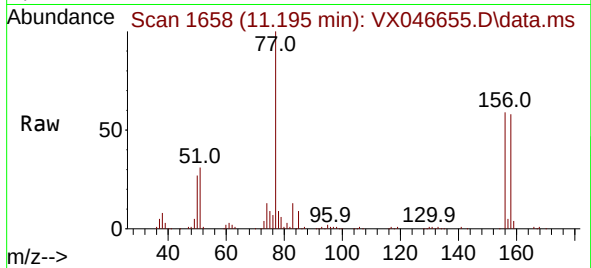
Tgt Ion: 75 Resp: 58920
Ion Ratio Lower Upper
75 100
77 43.0 20.5 61.5





#77
Bromobenzene
Concen: 50.888 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

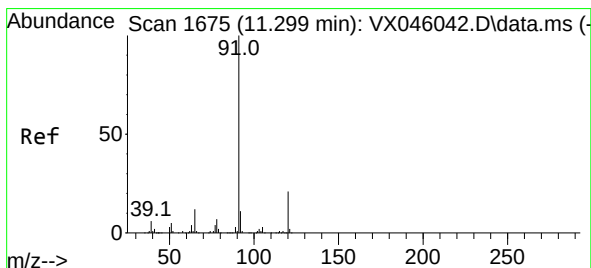
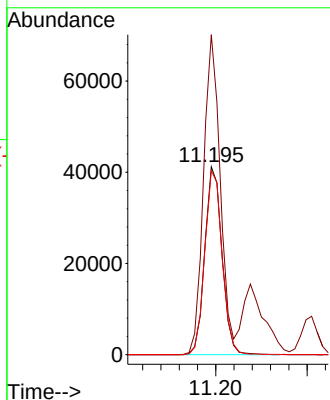
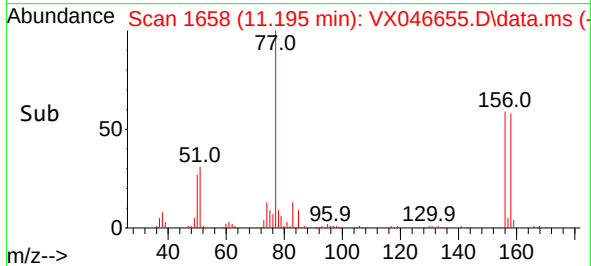
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



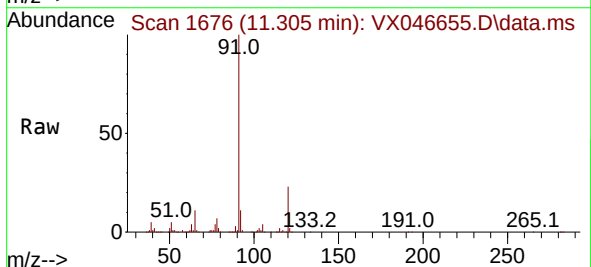
Tgt Ion:156 Resp: 5386
Ion Ratio Lower Upper
156 100
77 164.9 92.8 278.3
158 99.0 48.8 146.3

Manual Integrations
APPROVED

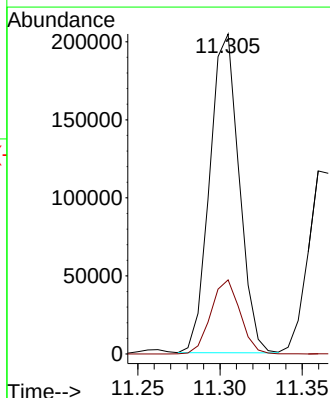
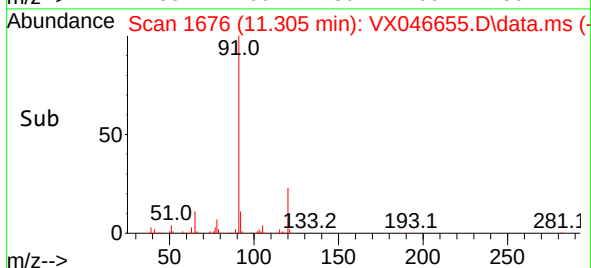
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

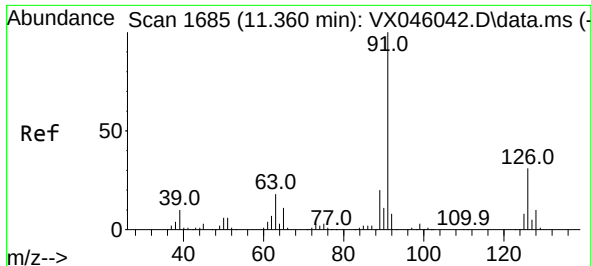


#78
n-propylbenzene
Concen: 46.086 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53



Tgt Ion: 91 Resp: 254380
Ion Ratio Lower Upper
91 100
120 23.1 10.8 32.4





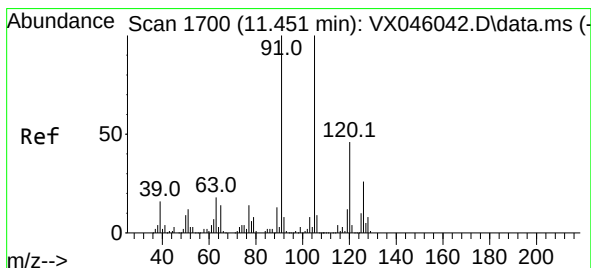
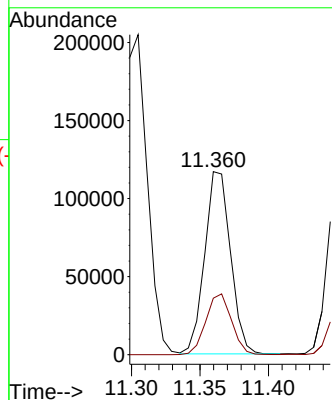
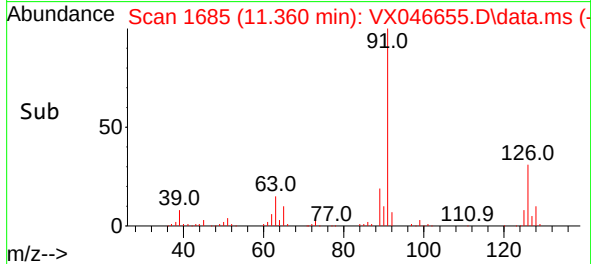
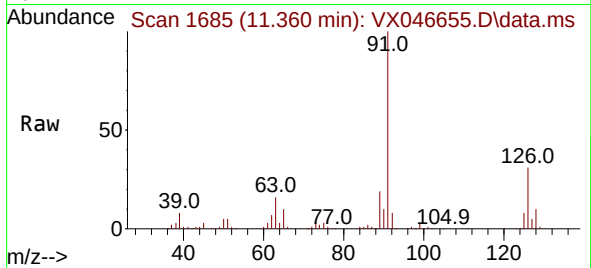
#79
2-Chlorotoluene
Concen: 46.056 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 153290
Ion Ratio Lower Upper
91 100
126 33.2 15.6 46.7

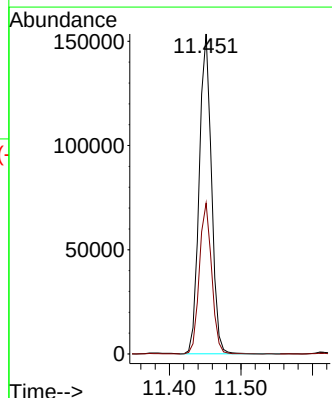
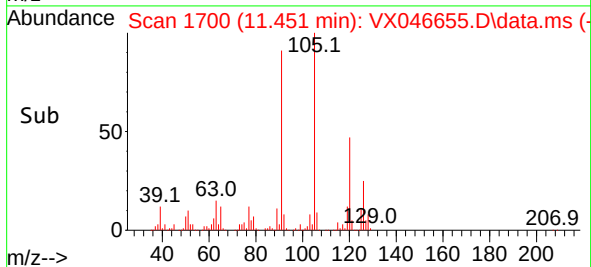
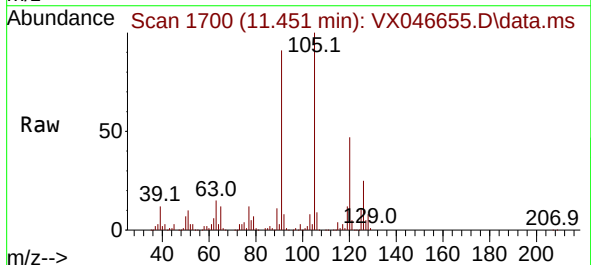
Manual Integrations
APPROVED

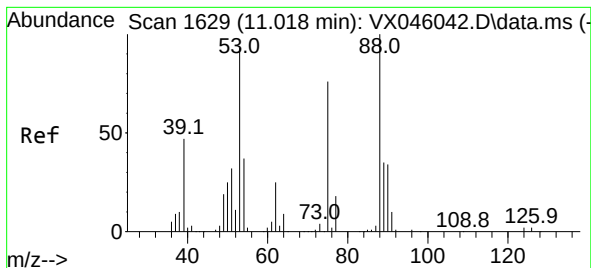
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.890 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

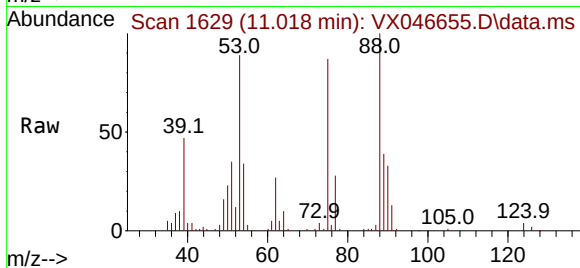
Tgt Ion:105 Resp: 181986
Ion Ratio Lower Upper
105 100
120 47.5 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.463 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

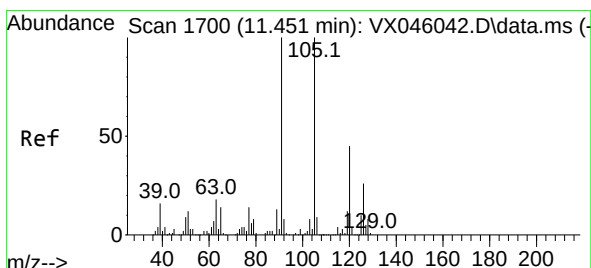
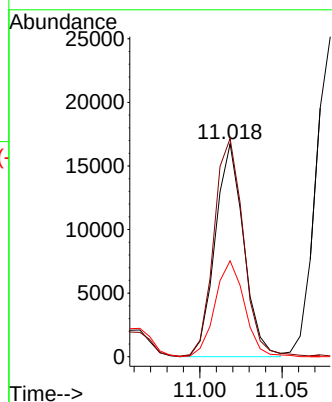
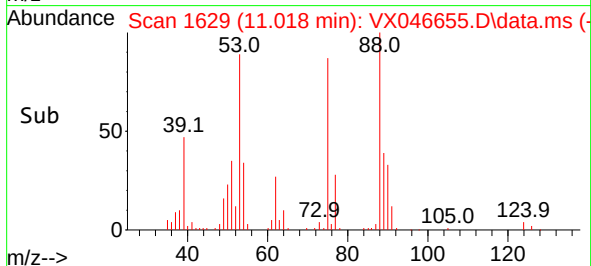
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 20218
Ion Ratio Lower Upper
75 100
53 106.4 100.5 150.7
89 46.3 37.0 55.6

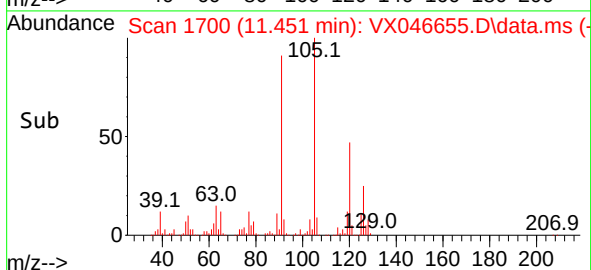
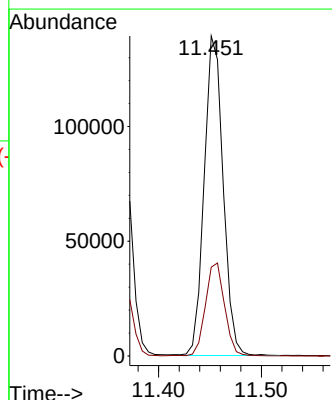
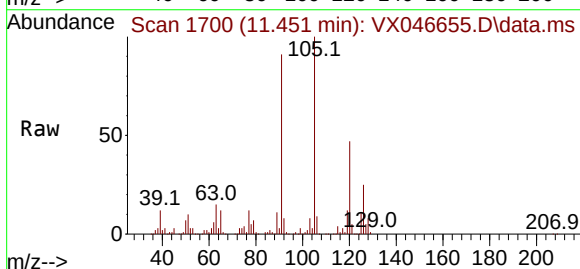
Manual Integrations
APPROVED

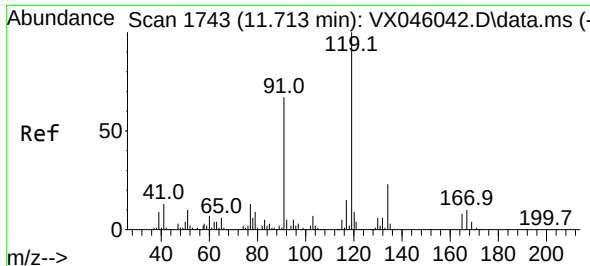
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#82
4-Chlorotoluene
Concen: 45.241 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

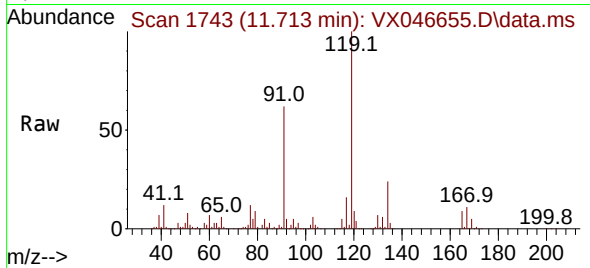
Tgt Ion: 91 Resp: 178489
Ion Ratio Lower Upper
91 100
126 29.5 13.3 39.8





#83
 tert-Butylbenzene
 Concen: 49.010 ug/l
 RT: 11.713 min Scan# 1743
 Delta R.T. 0.000 min
 Lab File: VX046655.D
 Acq: 11 Jun 2025 21:53

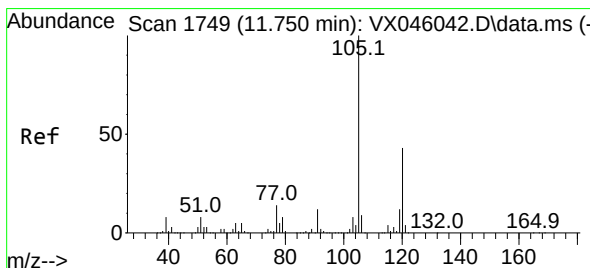
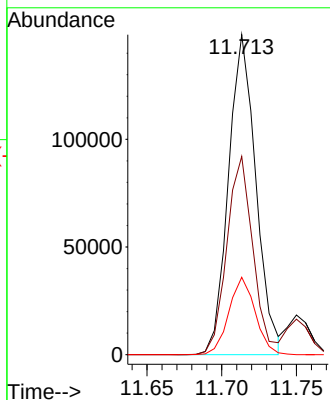
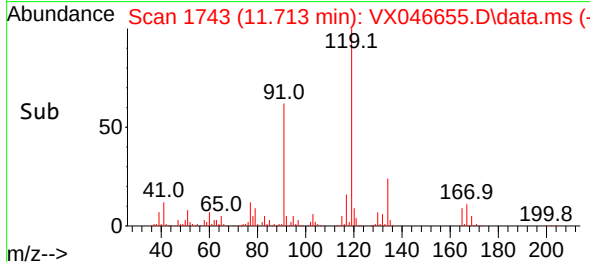
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



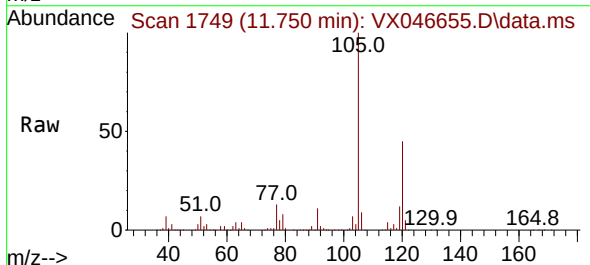
Tgt Ion:119 Resp: 189594
 Ion Ratio Lower Upper
 119 100
 91 59.3 32.9 98.7
 134 23.3 11.4 34.1

Manual Integrations
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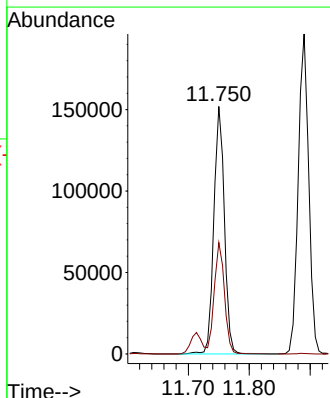
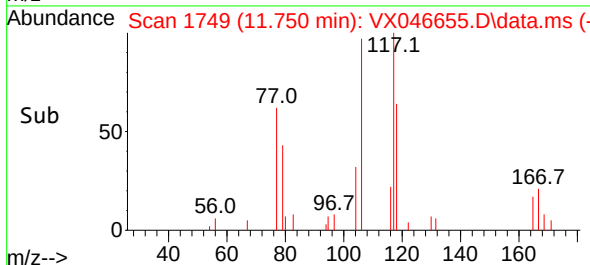
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

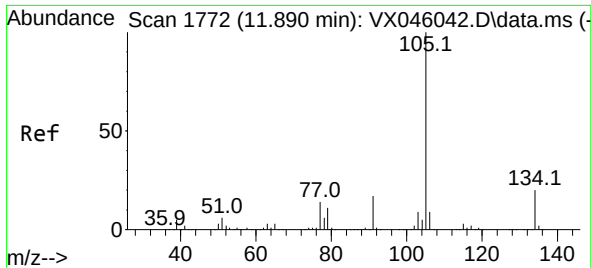


#84
 1,2,4-Trimethylbenzene
 Concen: 47.473 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. -0.000 min
 Lab File: VX046655.D
 Acq: 11 Jun 2025 21:53



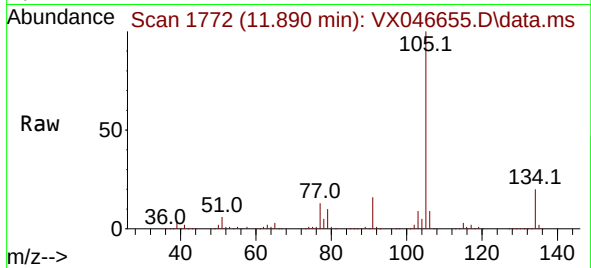
Tgt Ion:105 Resp: 182501
 Ion Ratio Lower Upper
 105 100
 120 43.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.395 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046655.D
 Acq: 11 Jun 2025 21:53

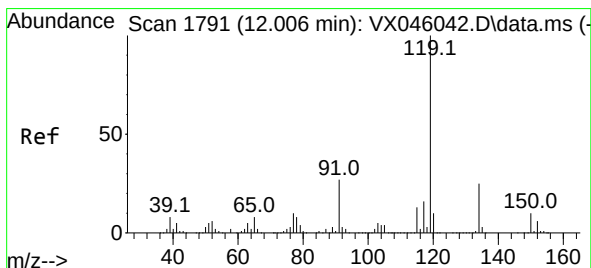
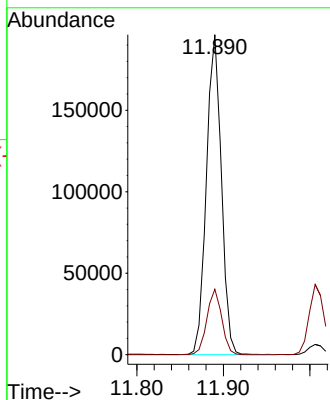
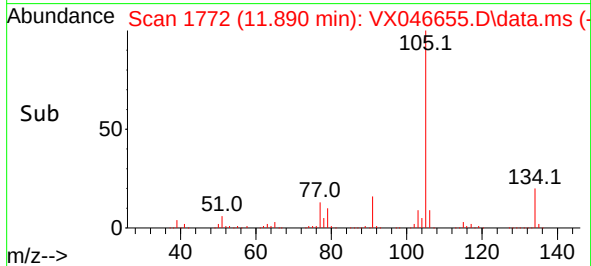
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



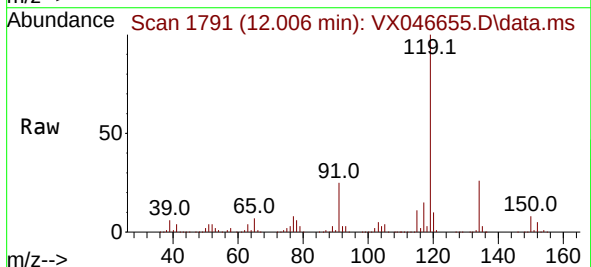
Tgt Ion:105 Resp: 23558
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.7 29.1

Manual Integrations
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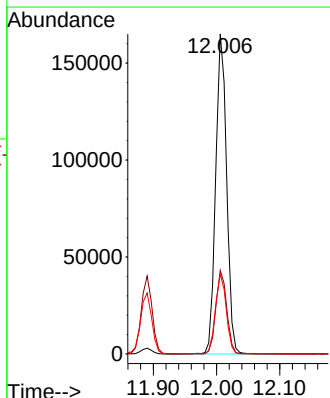
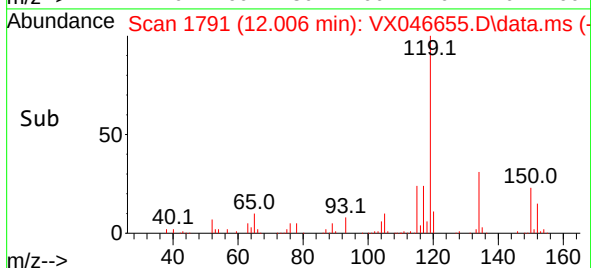
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

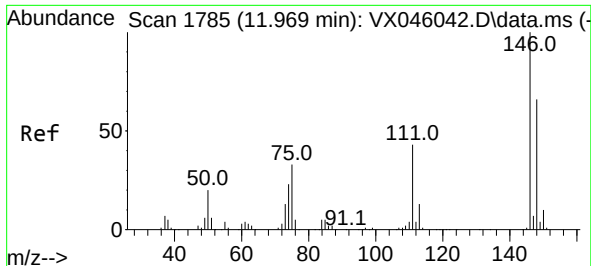


#86
 p-Isopropyltoluene
 Concen: 47.693 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046655.D
 Acq: 11 Jun 2025 21:53



Tgt Ion:119 Resp: 197633
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.5 37.5
 91 24.8 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 49.496 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046655.D

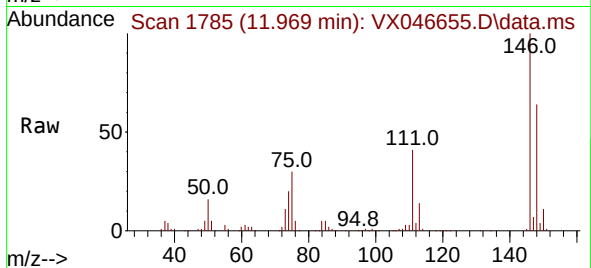
Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 101730

Ion Ratio Lower Upper

146 100

111 41.6 22.1 66.3

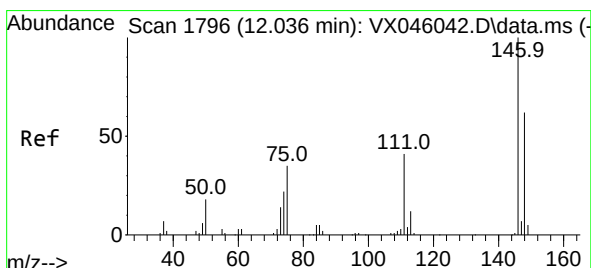
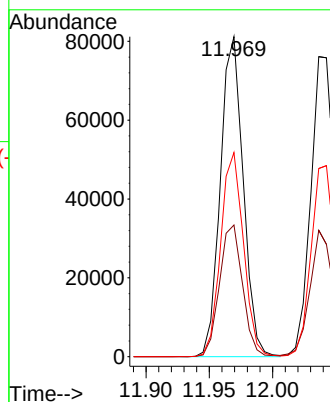
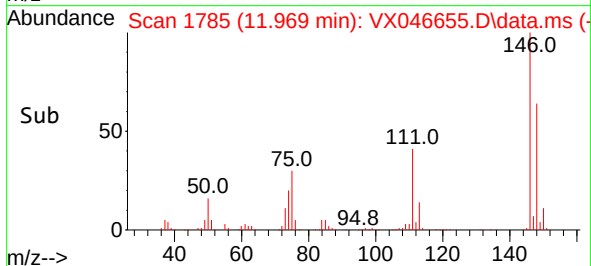
148 63.8 32.1 96.5

Manual Integrations

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Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#88

1,4-Dichlorobenzene

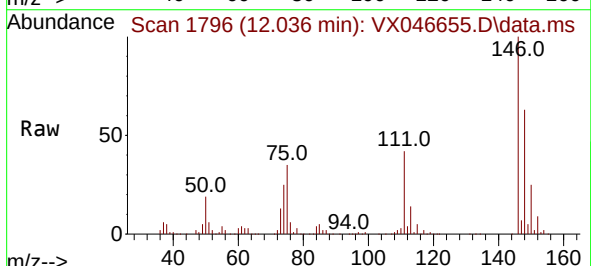
Concen: 47.773 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX046655.D

Acq: 11 Jun 2025 21:53



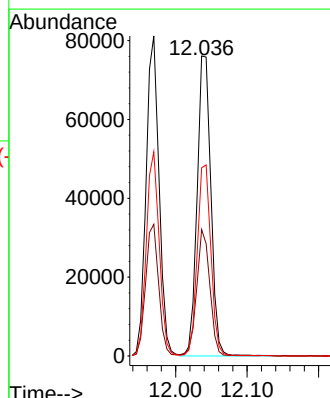
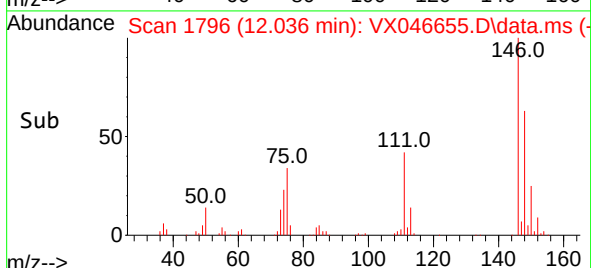
Tgt Ion:146 Resp: 101749

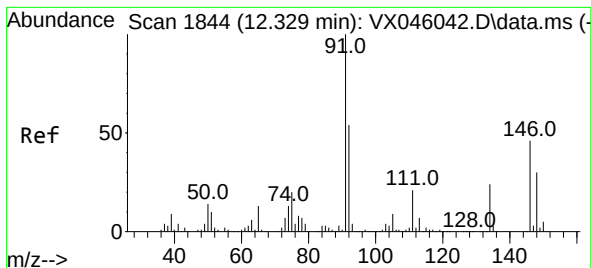
Ion Ratio Lower Upper

146 100

111 40.1 21.3 63.9

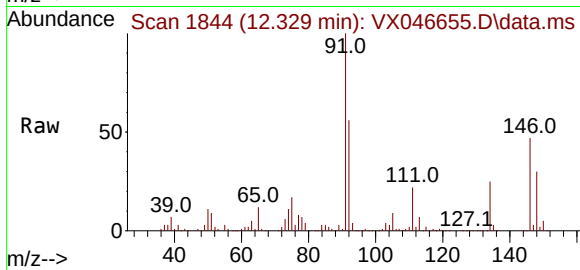
148 62.8 31.9 95.5





#89
n-Butylbenzene
Concen: 44.772 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

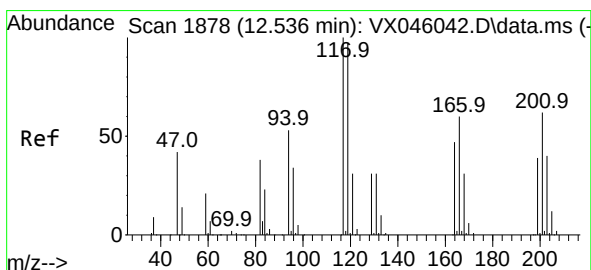
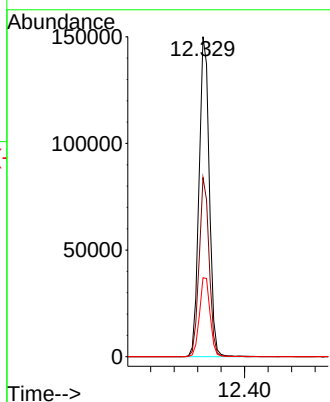
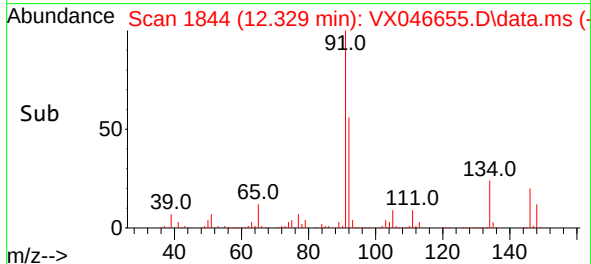
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 182190
Ion Ratio Lower Upper
91 100
92 54.8 26.9 80.7
134 25.6 11.8 35.3

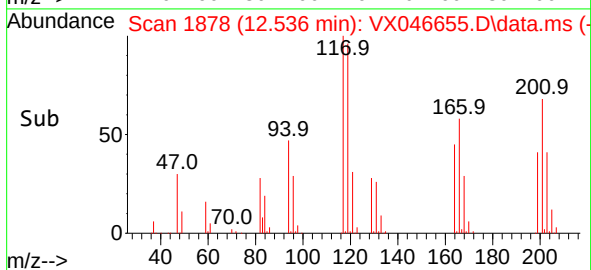
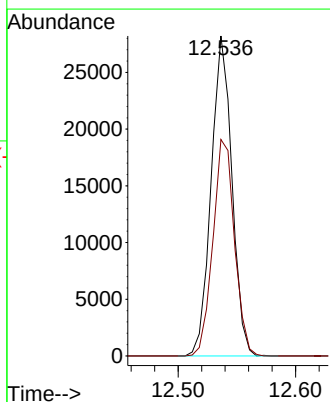
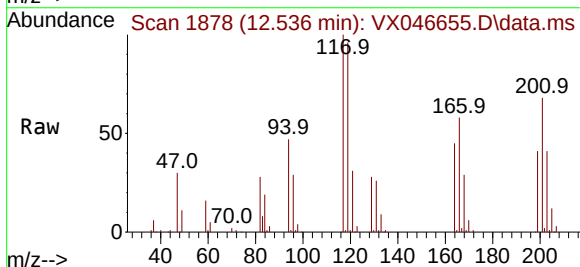
Manual Integrations
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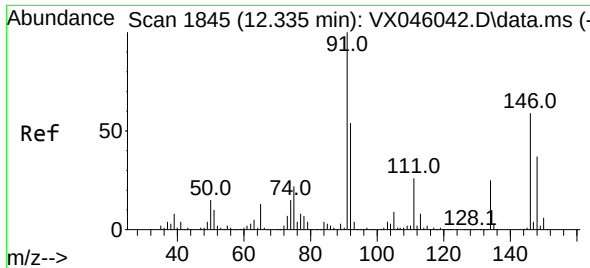
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#90
Hexachloroethane
Concen: 47.012 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Tgt Ion:117 Resp: 34625
Ion Ratio Lower Upper
117 100
201 70.4 31.6 94.7





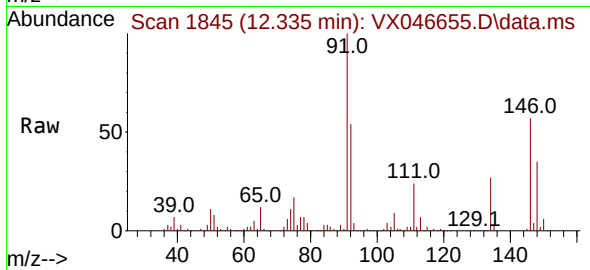
#91
1,2-Dichlorobenzene
Concen: 50.412 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



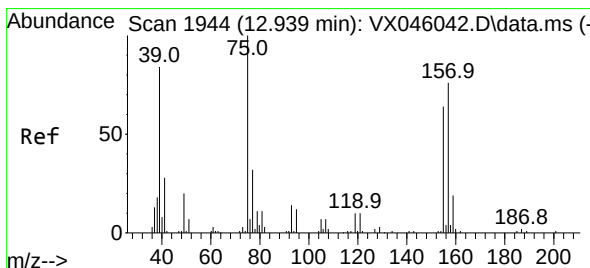
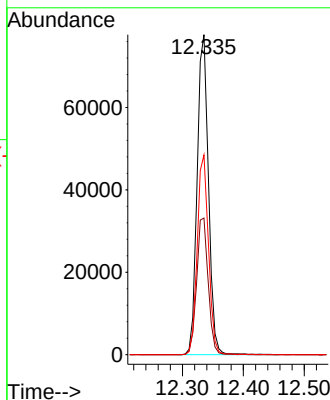
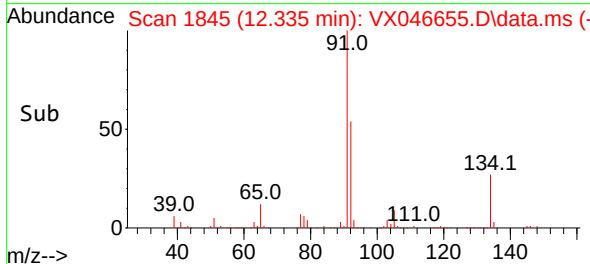
Tgt Ion:146 Resp: 100020
Ion Ratio Lower Upper
146 100
111 43.5 22.4 67.3
148 62.0 31.6 94.8

Manual Integrations

APPROVED

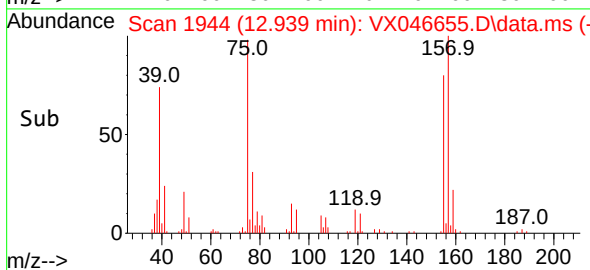
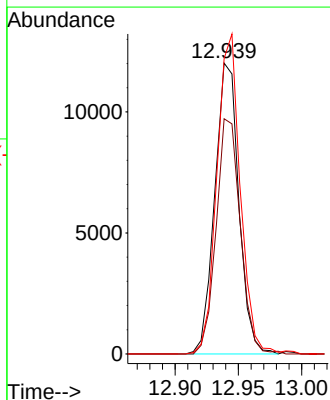
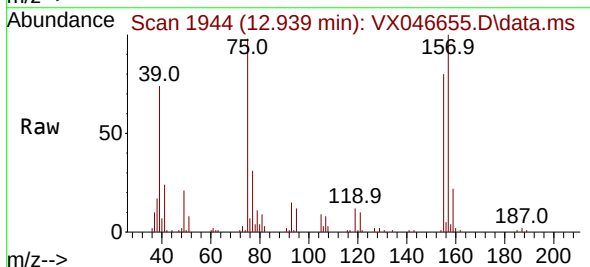
Reviewed By :John Carlone 06/12/2025

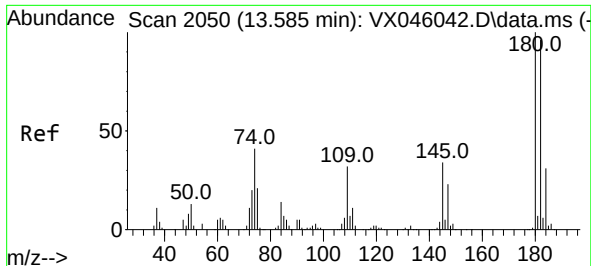
Supervised By :Mahesh Dadoda 06/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.536 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

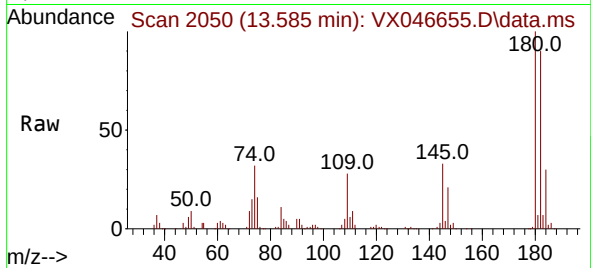
Tgt Ion: 75 Resp: 15865
Ion Ratio Lower Upper
75 100
155 81.4 34.9 104.8
157 107.4 43.8 131.4





#93
1,2,4-Trichlorobenzene
Concen: 50.059 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

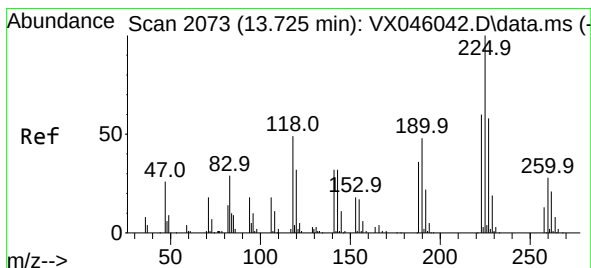
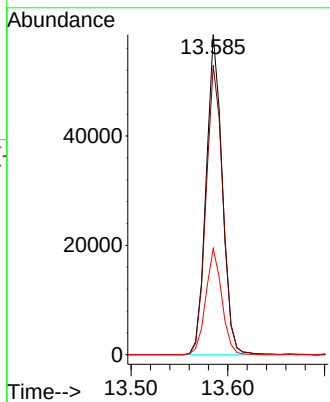
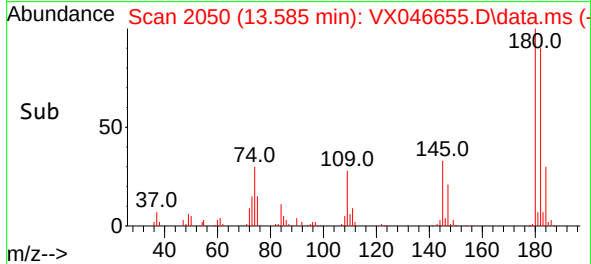
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



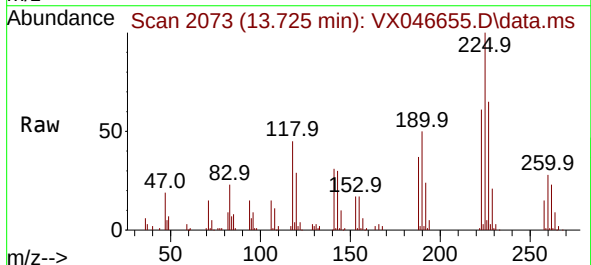
Tgt Ion:180 Resp: 67752
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.8
145 33.1 17.1 51.2

Manual Integrations
APPROVED

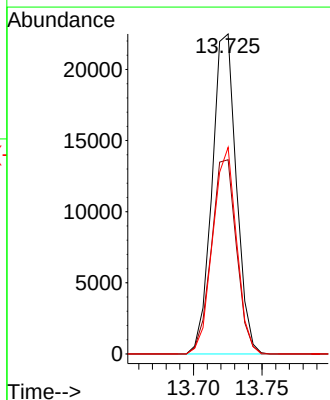
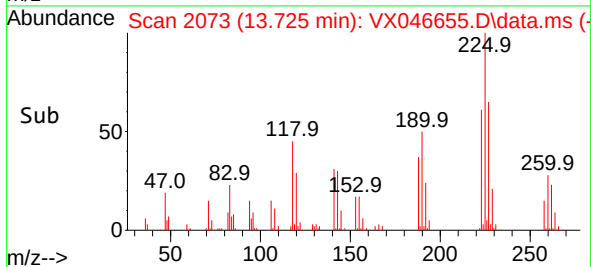
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

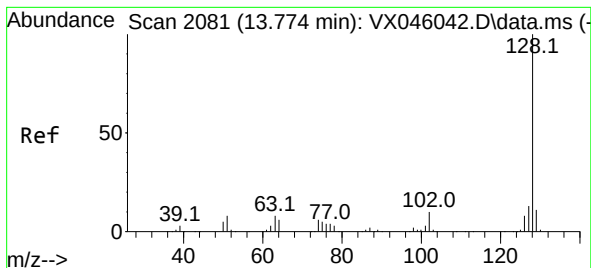


#94
Hexachlorobutadiene
Concen: 43.960 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53



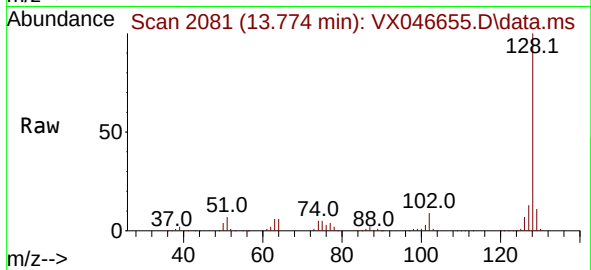
Tgt Ion:225 Resp: 27650
Ion Ratio Lower Upper
225 100
223 63.1 30.8 92.4
227 63.3 30.9 92.7





#95
Naphthalene
Concen: 53.014 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53

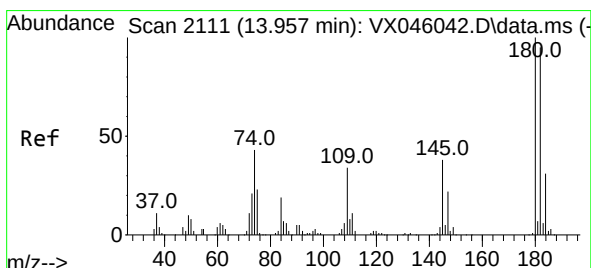
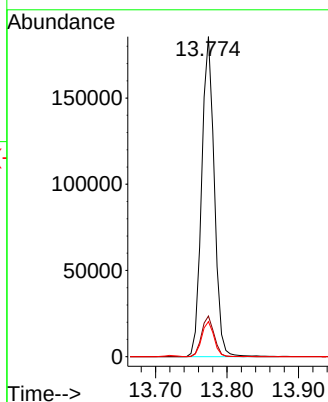
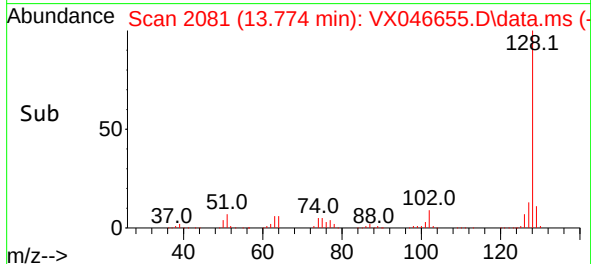
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



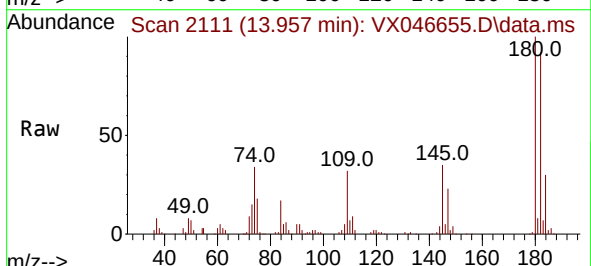
Tgt Ion:128 Resp: 22754
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 49.174 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046655.D
Acq: 11 Jun 2025 21:53



Tgt Ion:180 Resp: 66736
Ion Ratio Lower Upper
180 100
182 95.9 47.8 143.3
145 35.4 18.1 54.3

