

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061125\
 Data File : VX046636.D
 Acq On : 11 Jun 2025 14:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 12 02:28:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	77468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133266	50.000	ug/l	-0.01
63) Chlorobenzene-d5	10.055	117	119186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64299	46.653	ug/l	-0.01
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.300%			
35) Dibromofluoromethane	5.391	113	50878	51.915	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.820%			
50) Toluene-d8	8.646	98	162512	50.297	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	11.079	95	67056	50.160	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.320%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.178	85	49618	46.135	ug/l	97
3) Chloromethane	1.306	50	42847	43.769	ug/l	100
4) Vinyl Chloride	1.386	62	44081	45.171	ug/l	99
5) Bromomethane	1.617	94	16571	27.971	ug/l	96
6) Chloroethane	1.697	64	25610m	40.448	ug/l	
7) Trichlorofluoromethane	1.904	101	68961	42.711	ug/l	98
8) Diethyl Ether	2.142	74	25706	45.060	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.343	101	51679	50.803	ug/l	95
10) Methyl Iodide	2.465	142	44208	40.090	ug/l	97
11) Tert butyl alcohol	2.965	59	33784	220.908	ug/l	99
12) 1,1-Dichloroethene	2.331	96	46167	50.196	ug/l	94
13) Acrolein	2.245	56	60539	318.023	ug/l	100
14) Allyl chloride	2.678	41	91197	50.488	ug/l	93
15) Acrylonitrile	3.068	53	150410	260.120	ug/l	99
16) Acetone	2.385	43	129583	239.623	ug/l	96
17) Carbon Disulfide	2.526	76	94127	48.207	ug/l	100
18) Methyl Acetate	2.715	43	90756	55.283	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	173499	53.911	ug/l	98
20) Methylene Chloride	2.800	84	55439	50.139	ug/l	93
21) trans-1,2-Dichloroethene	3.105	96	48350	49.675	ug/l	94
22) Diisopropyl ether	3.769	45	191676	53.823	ug/l #	80
23) Vinyl Acetate	3.727	43	730658	265.747	ug/l	100
24) 1,1-Dichloroethane	3.617	63	102645	51.716	ug/l	99
25) 2-Butanone	4.562	43	188260	245.374	ug/l	97
26) 2,2-Dichloropropane	4.489	77	76522	51.935	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	61869	51.635	ug/l	96
28) Bromochloromethane	4.903	49	44054	46.537	ug/l	98
29) Tetrahydrofuran	5.013	42	116765	240.984	ug/l	98
30) Chloroform	5.098	83	111101	53.424	ug/l	96
31) Cyclohexane	5.476	56	79044	49.332	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	91912	51.668	ug/l	97
36) 1,1-Dichloropropene	5.696	75	66719	47.660	ug/l	98
37) Ethyl Acetate	4.714	43	72822	53.299	ug/l	99
38) Carbon Tetrachloride	5.684	117	77120	49.184	ug/l	99
39) Methylcyclohexane	7.385	83	79500	48.113	ug/l	97
40) Benzene	6.043	78	204444	51.876	ug/l	99

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 ClientSampleId :
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Quant Time: Jun 12 02:28:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 06 16:56:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43728	51.538	ug/l	94
42) 1,2-Dichloroethane	6.092	62	82805	50.505	ug/l	97
43) Isopropyl Acetate	6.342	43	123122	51.690	ug/l	98
44) Trichloroethene	7.128	130	50564	50.496	ug/l	98
45) 1,2-Dichloropropane	7.427	63	54805	53.877	ug/l	95
46) Dibromomethane	7.580	93	39795	52.002	ug/l	97
47) Bromodichloromethane	7.823	83	86170	54.764	ug/l	100
48) Methyl methacrylate	7.689	41	64491	52.623	ug/l	95
49) 1,4-Dioxane	7.659	88	15347	936.440	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	399573	263.985	ug/l	99
52) Toluene	8.720	92	127673	52.732	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	76825	54.455	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83927	53.504	ug/l	89
55) 1,1,2-Trichloroethane	9.152	97	53767	55.318	ug/l	98
56) Ethyl methacrylate	9.116	69	83775	56.009	ug/l	93
57) 1,3-Dichloropropane	9.305	76	90043	52.422	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	212181	260.437	ug/l	99
59) 2-Hexanone	9.427	43	281354	259.182	ug/l	97
60) Dibromochloromethane	9.518	129	62938	55.050	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52759	52.090	ug/l	97
64) Tetrachloroethene	9.274	164	39385	49.417	ug/l	94
65) Chlorobenzene	10.079	112	145707	51.980	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	52286	55.199	ug/l	100
67) Ethyl Benzene	10.195	91	253115	51.724	ug/l	98
68) m/p-Xylenes	10.299	106	188777	106.345	ug/l	98
69) o-Xylene	10.640	106	93646	54.541	ug/l	96
70) Styrene	10.652	104	161841	55.064	ug/l	98
71) Bromoform	10.799	173	39565	54.781	ug/l #	97
73) Isopropylbenzene	10.963	105	251010	52.958	ug/l	99
74) N-amyl acetate	10.841	43	110680	53.026	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	79466	52.379	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	65783m	51.509	ug/l	
77) Bromobenzene	11.195	156	57859	52.592	ug/l	96
78) n-propylbenzene	11.305	91	297656	51.885	ug/l	99
79) 2-Chlorotoluene	11.359	91	178117	51.487	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	207616	52.565	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	22961	51.862	ug/l	93
82) 4-Chlorotoluene	11.451	91	208757	50.910	ug/l	96
83) tert-Butylbenzene	11.713	119	214284	53.295	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	209586	52.454	ug/l	98
85) sec-Butylbenzene	11.890	105	271607	52.573	ug/l	100
86) p-Isopropyltoluene	12.006	119	224421	52.107	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	111561	52.221	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113744	51.383	ug/l	99
89) n-Butylbenzene	12.329	91	214617	50.742	ug/l	98
90) Hexachloroethane	12.536	117	38889	50.802	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	108055	52.399	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	16953	49.901	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	73786	52.453	ug/l	99
94) Hexachlorobutadiene	13.725	225	30729	47.005	ug/l	98
95) Naphthalene	13.774	128	239917	53.781	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	72019	51.057	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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

Quant Time: Jun 12 02:28:45 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

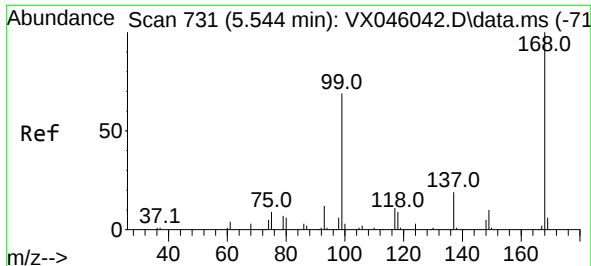
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

Abundance

TIC: VX046636.D\data.ms

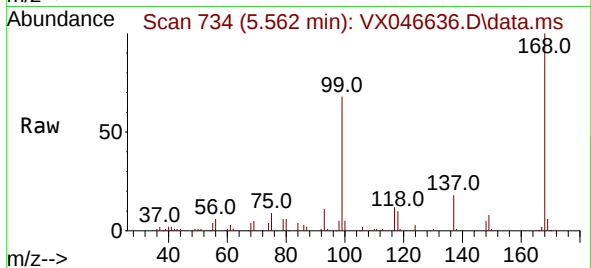
Time-->

1,1-Dichloroethane, P
Vinyl Chloride, P
Bromomethane, T
Trichlorofluoromethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acetone, T
1,1,2-Dichloroethane, T
Methyl Isopropyl Sulfide, T
Methyl Methacrylate, T
Methyl Methacrylate, T
Tert butyl alcohol, T
Acrylonitrile, T
1,2-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
2-Butanone, T
Ethyl Acetate, T
Bromochloromethane, T
Chloroform, T
Cyclohexane, T
Pentachlorobenzene, T
Carbonyl sulfide, T
1,2-Dichloroethane, T
1,2-Dichloroethane, T
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichlorobenzene, T
1,2-Dioxane, T
Bromochloromethane, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
t-1,3-Dichloropropene, T
Ethyl propyl ketone, T
1,3-Dichloropropane, T
Dibromodichloromethane, T
1,2-Dibromodichloromethane, T
1,1,1,2-Tetrachloroethane, T
1,1,1,2-Tetrachloroethane, T
Benzene, C
N-ethyl acetate, T
Isopropylbenzene, T
trans-1,2-Dichloro-4-bromobenzene, S
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
propylbenzene, T
1,2,4-Trinitrobenzene, T
tert-Butylbenzene, T
1,2,4-Trinitrobenzene, T
1,2-Dichlorobenzene, T
1,3-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobutadiene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

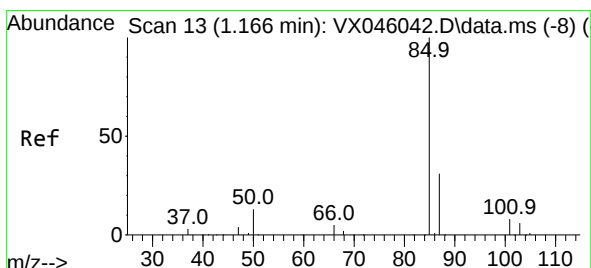
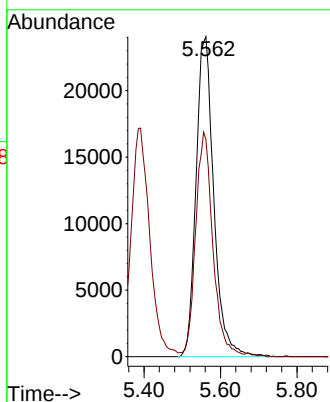
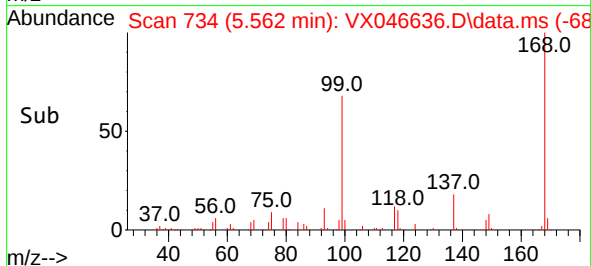
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 77468
Ion Ratio Lower Upper
168 100
99 67.9 54.9 82.3

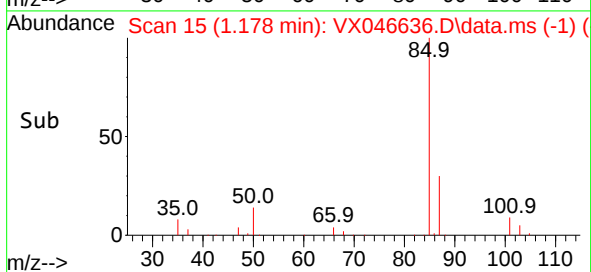
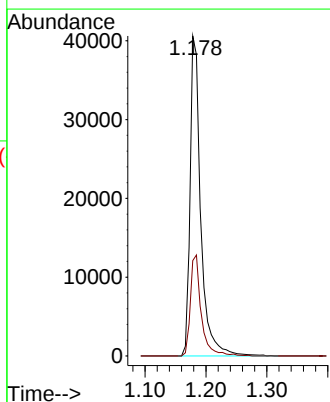
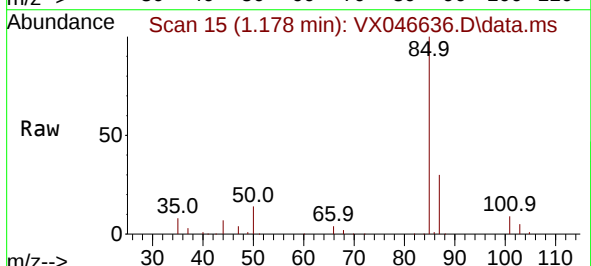
Manual Integrations
APPROVED

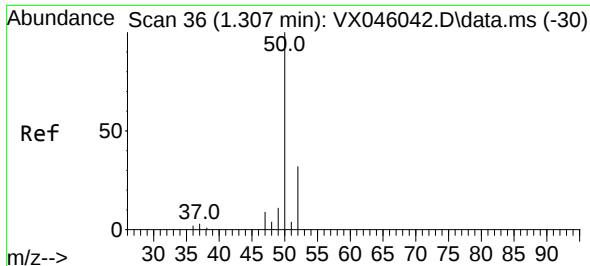
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#2
Dichlorodifluoromethane
Concen: 46.135 ug/l
RT: 1.178 min Scan# 15
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

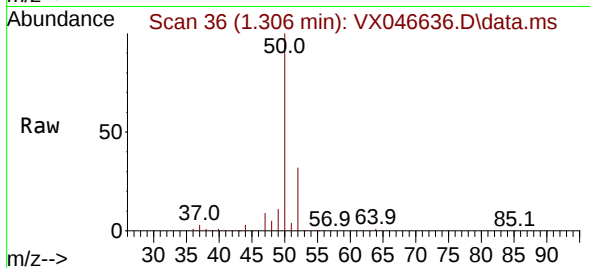
Tgt Ion: 85 Resp: 49618
Ion Ratio Lower Upper
85 100
87 29.8 15.7 47.1





#3
Chloromethane
Concen: 43.769 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.001 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

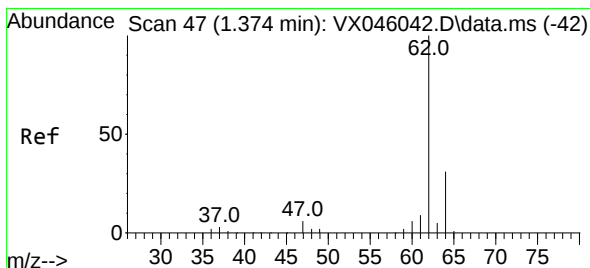
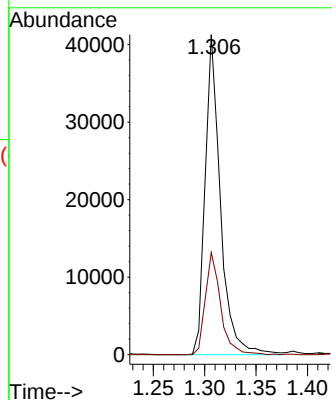
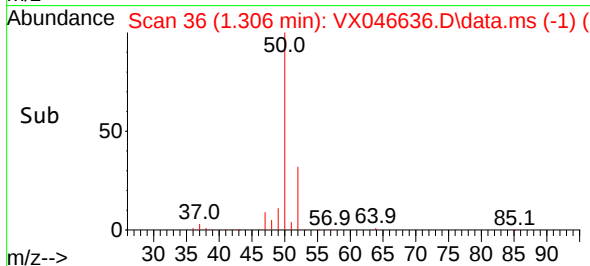
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 4284
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2

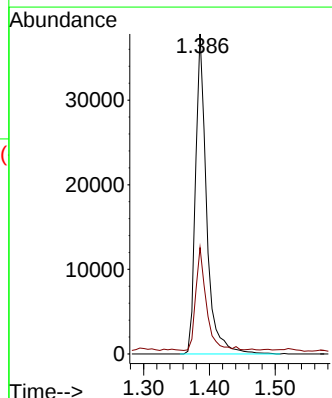
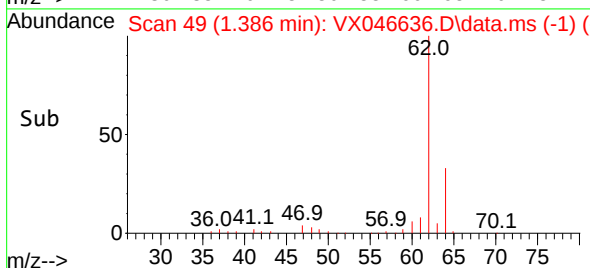
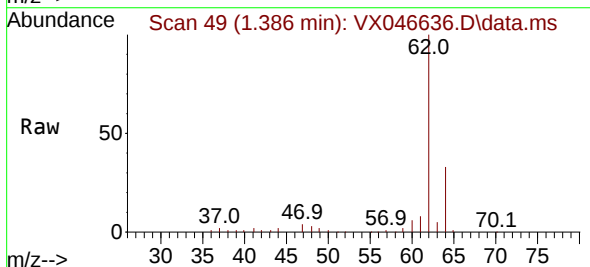
Manual Integrations
APPROVED

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



#4
Vinyl Chloride
Concen: 45.171 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

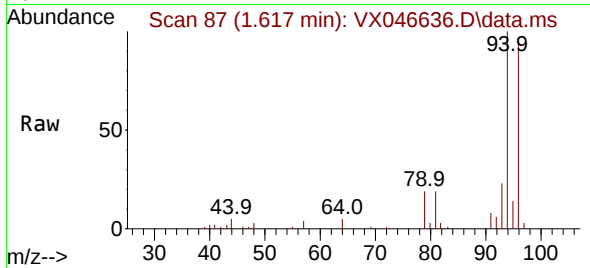
Tgt Ion: 62 Resp: 44081
Ion Ratio Lower Upper
62 100
64 32.0 25.2 37.8





#5
Bromomethane
Concen: 27.971 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

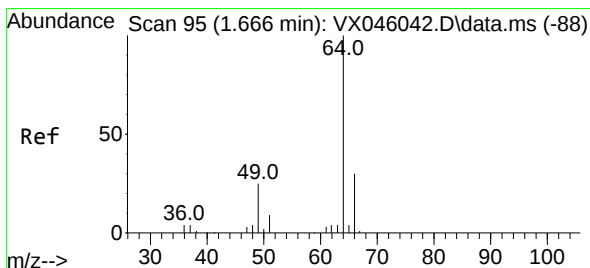
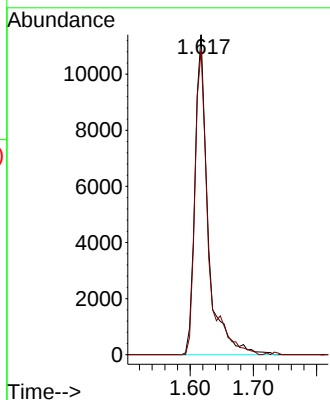
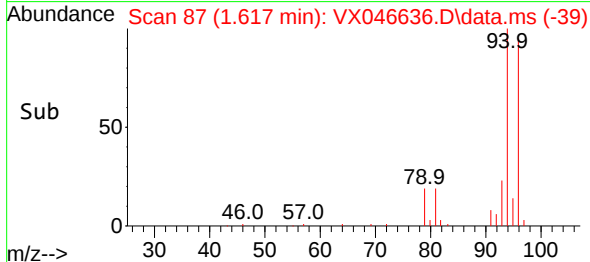
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



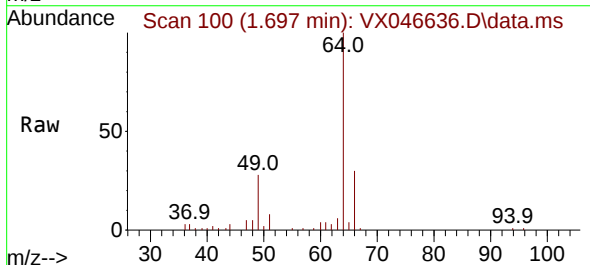
Tgt Ion: 94 Resp: 1657
Ion Ratio Lower Upper
94 100
96 95.1 72.8 109.2

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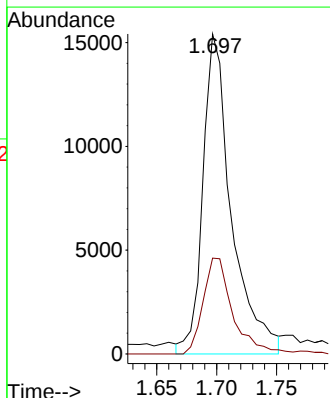
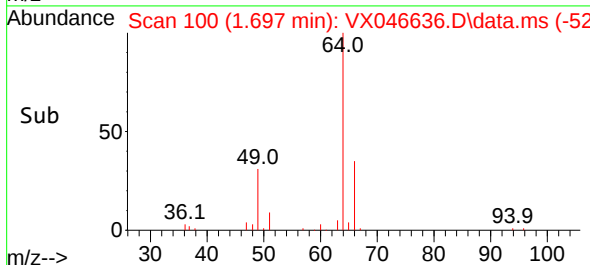
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#6
Chloroethane
Concen: 40.448 ug/l m
RT: 1.697 min Scan# 100
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46



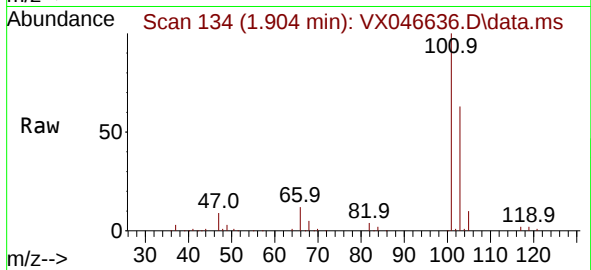
Tgt Ion: 64 Resp: 25610
Ion Ratio Lower Upper
64 100
66 30.0 24.3 36.5





#7
Trichlorofluoromethane
Concen: 42.711 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046636.D
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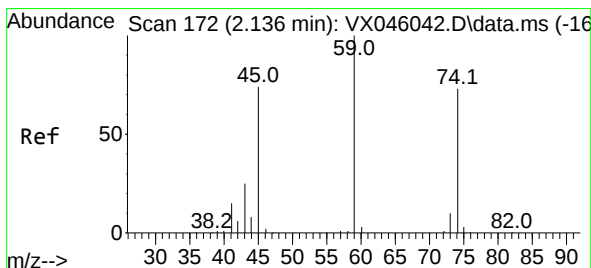
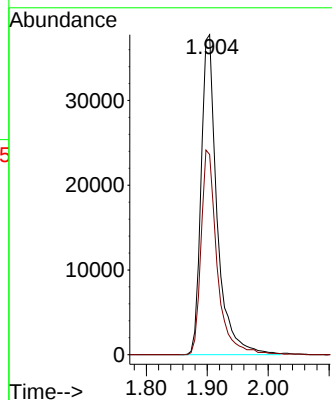
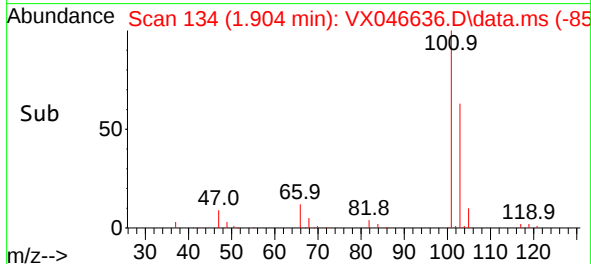
Instrument :
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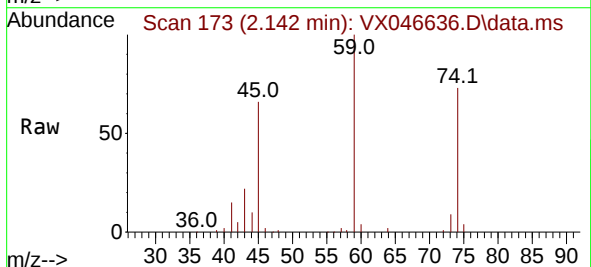
Tgt Ion:101 Resp: 6896
Ion Ratio Lower Upper
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103 62.5 51.0 76.4

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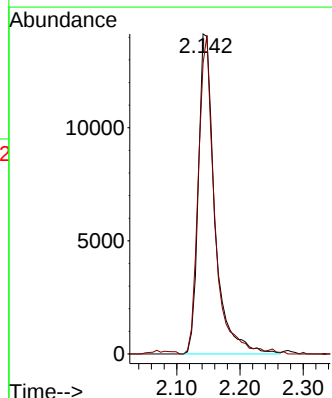
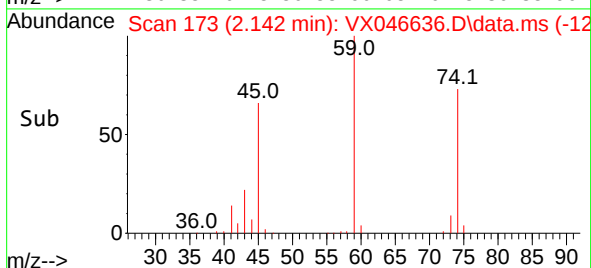
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

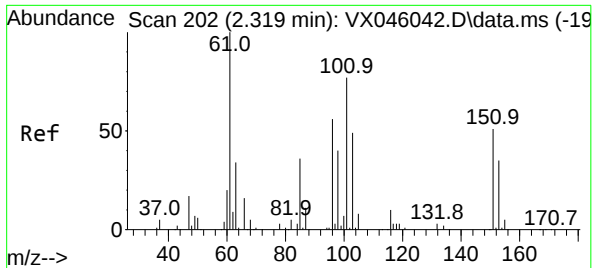


#8
Diethyl Ether
Concen: 45.060 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46



Tgt Ion: 74 Resp: 25706
Ion Ratio Lower Upper
74 100
45 98.8 54.9 164.8





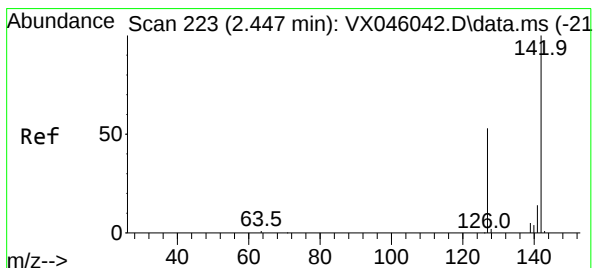
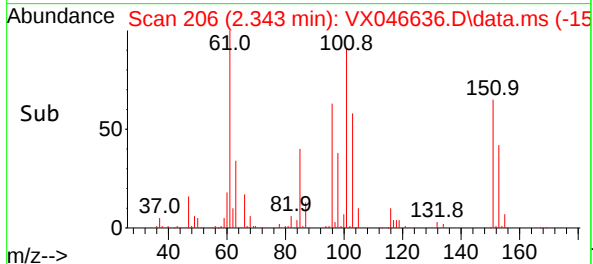
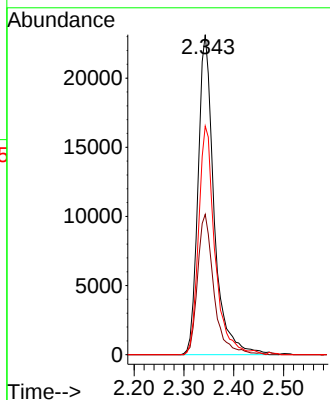
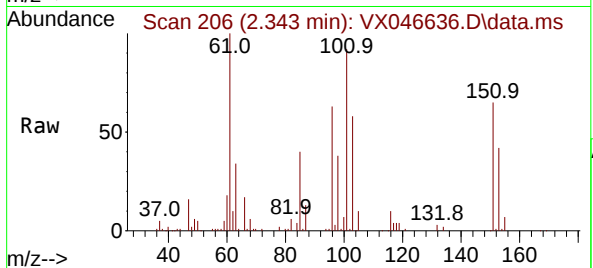
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.803 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 51679
Ion Ratio Lower Upper
101 100
85 44.9 38.6 58.0
151 72.8 55.2 82.8

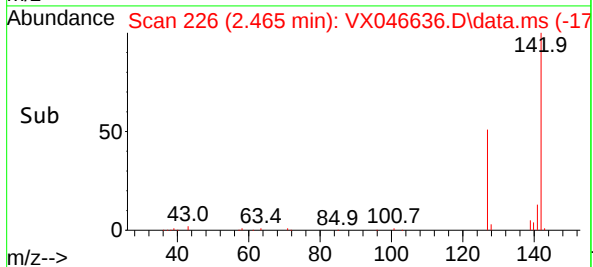
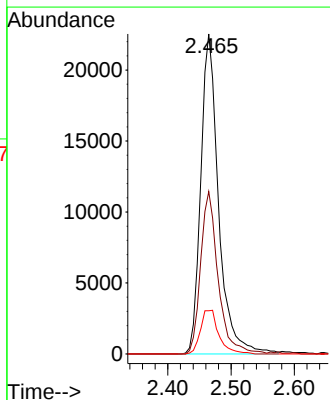
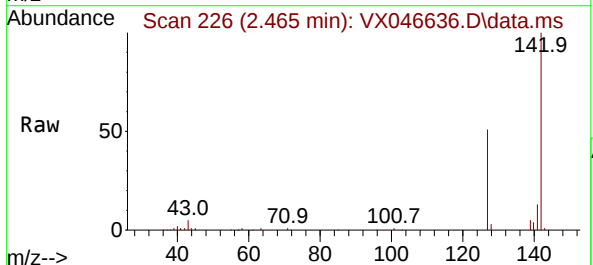
Manual Integrations
APPROVED

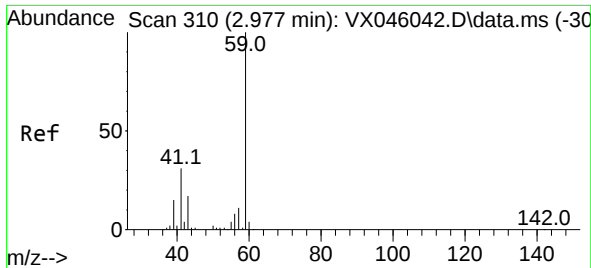
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#10
Methyl Iodide
Concen: 40.090 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion:142 Resp: 44208
Ion Ratio Lower Upper
142 100
127 49.8 41.7 62.5
141 14.1 11.5 17.3





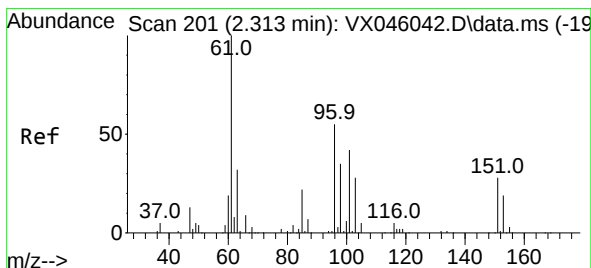
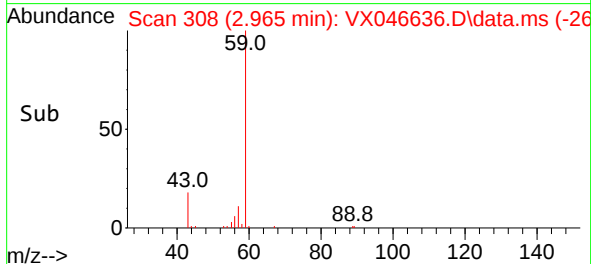
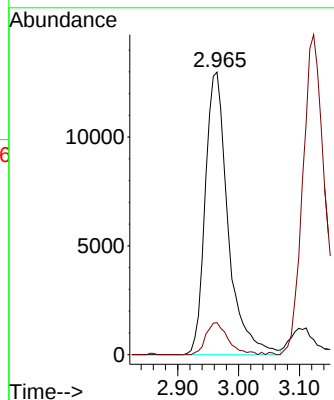
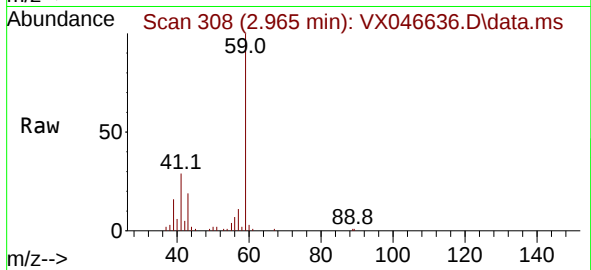
#11
Tert butyl alcohol
Concen: 220.908 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 33784
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8

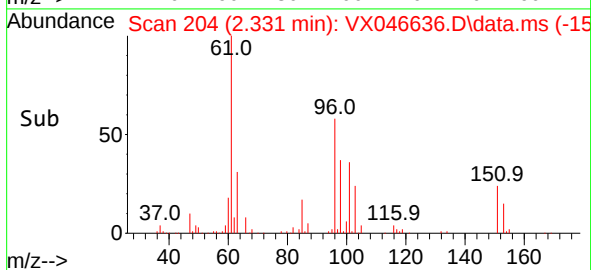
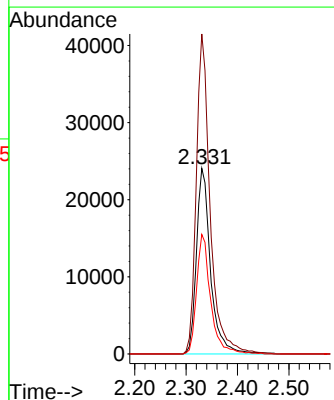
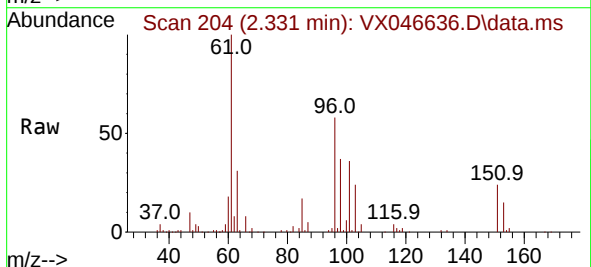
Manual Integrations
APPROVED

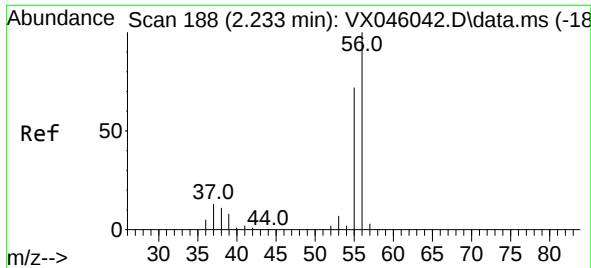
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#12
1,1-Dichloroethene
Concen: 50.196 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 96 Resp: 46167
Ion Ratio Lower Upper
96 100
61 172.4 146.2 219.2
98 64.4 51.0 76.6





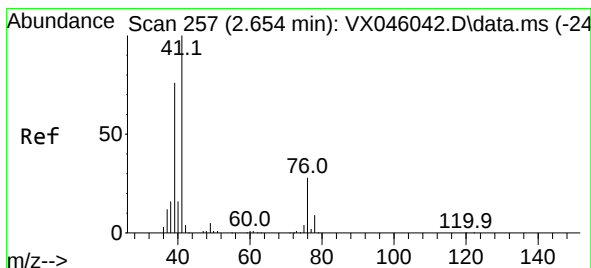
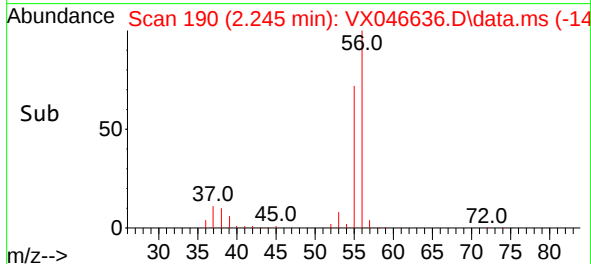
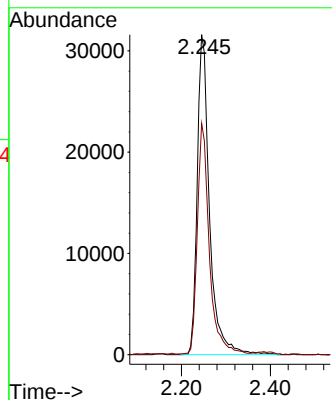
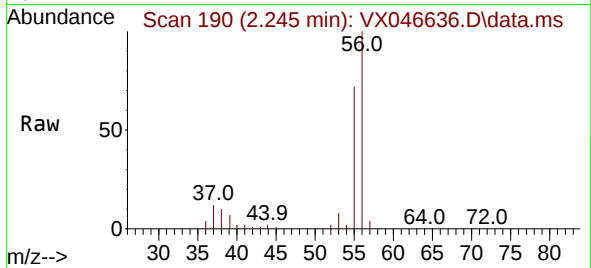
#13
Acrolein
Concen: 318.023 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 60539
Ion Ratio Lower Upper
56 100
55 70.3 56.2 84.4

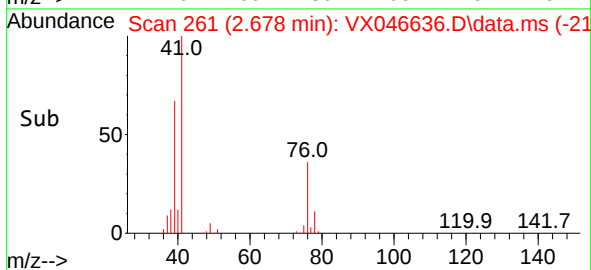
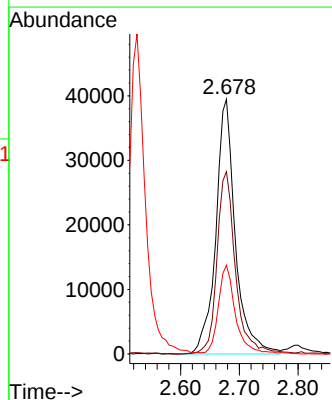
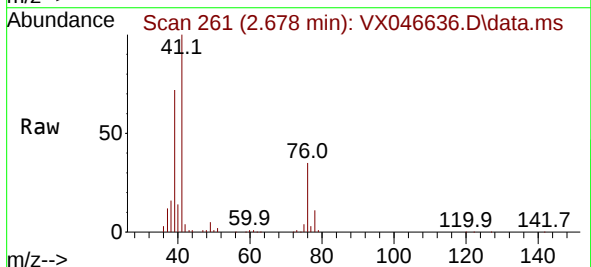
Manual Integrations
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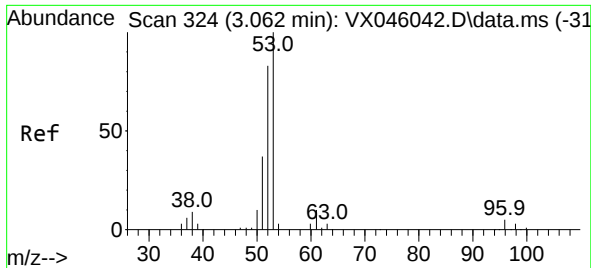
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#14
Allyl chloride
Concen: 50.488 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

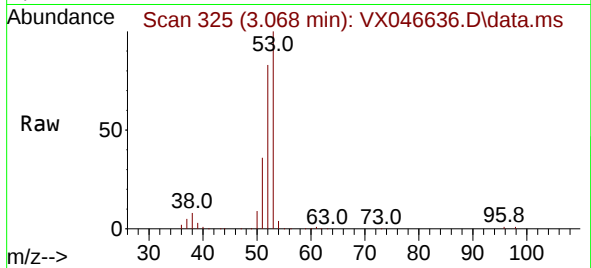
Tgt Ion: 41 Resp: 91197
Ion Ratio Lower Upper
41 100
39 67.8 60.6 90.8
76 30.7 24.9 37.3





#15
Acrylonitrile
Concen: 260.120 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.013 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

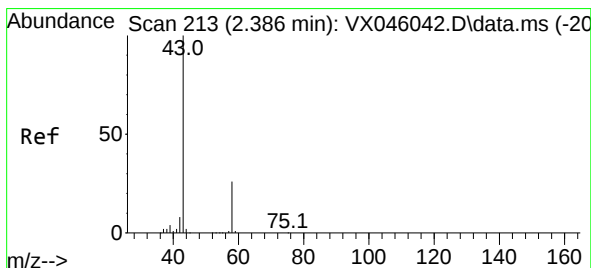
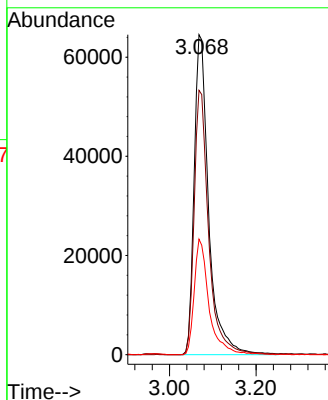
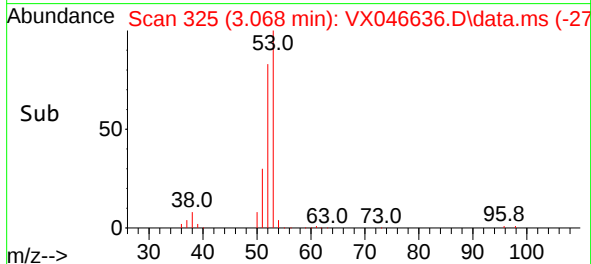
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 150410
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 36.9 29.8 44.8

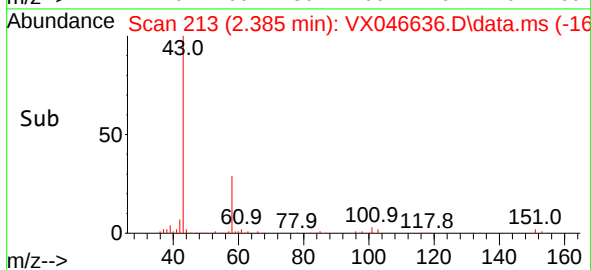
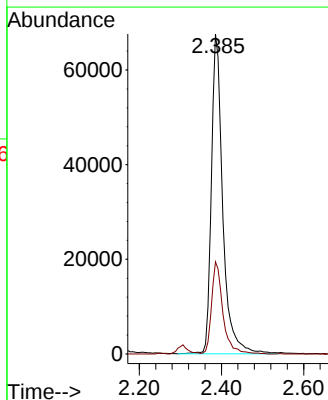
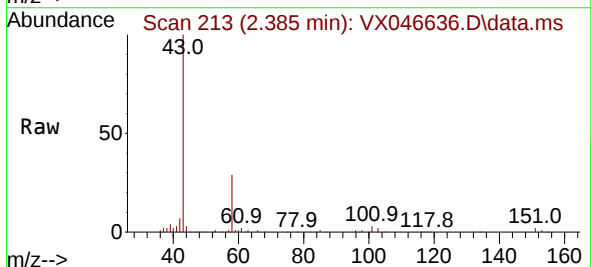
Manual Integrations
APPROVED

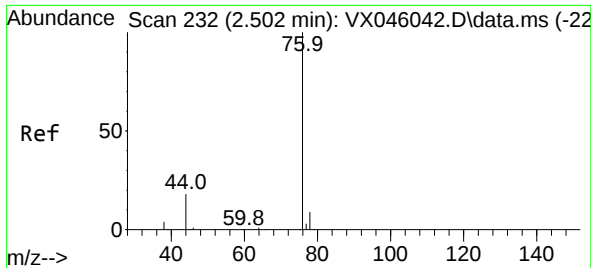
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#16
Acetone
Concen: 239.623 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 43 Resp: 129583
Ion Ratio Lower Upper
43 100
58 28.7 21.2 31.8





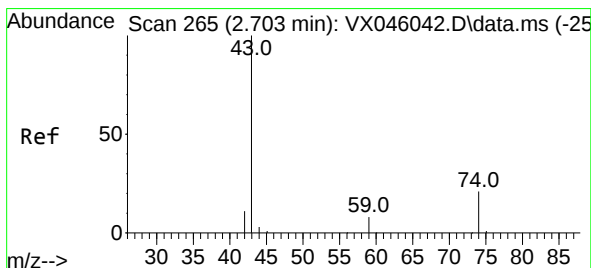
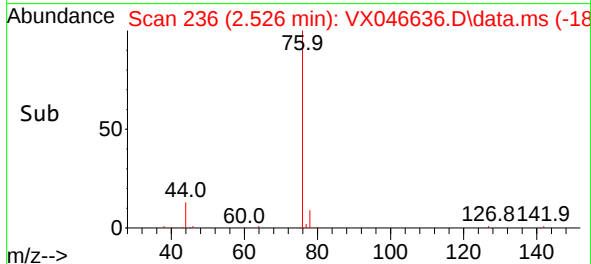
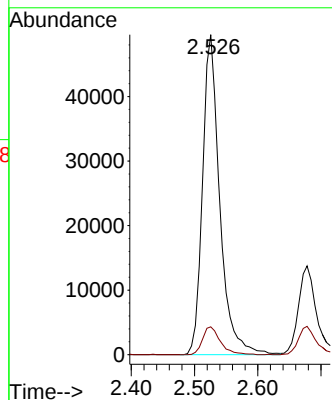
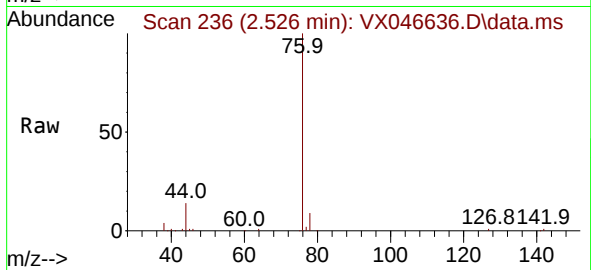
#17
Carbon Disulfide
Concen: 48.207 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 9412
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4

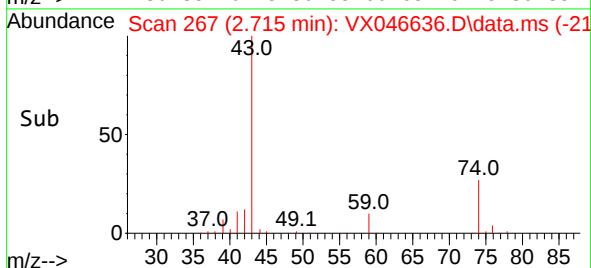
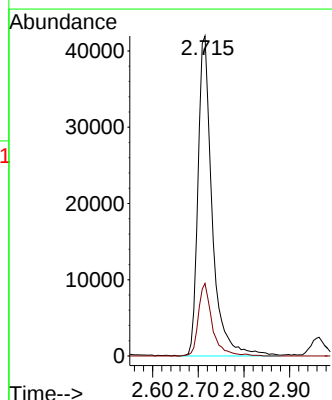
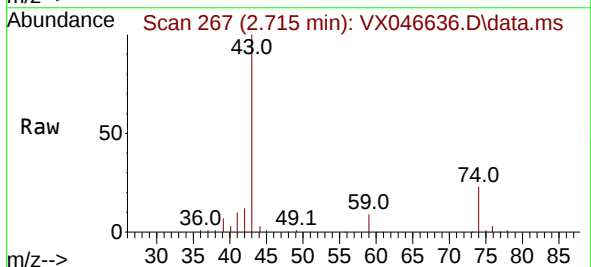
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 55.283 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 43 Resp: 90756
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1





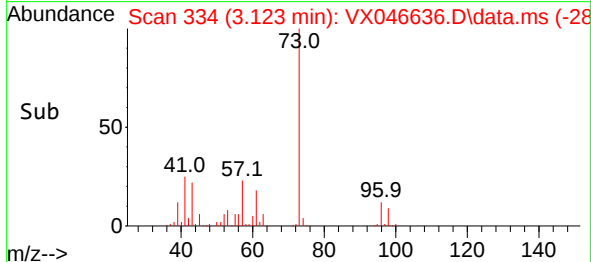
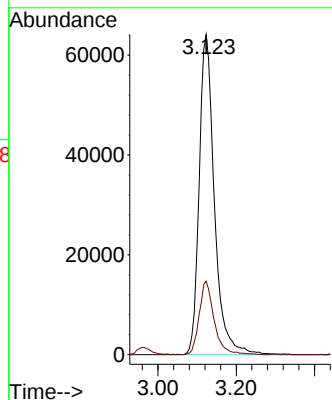
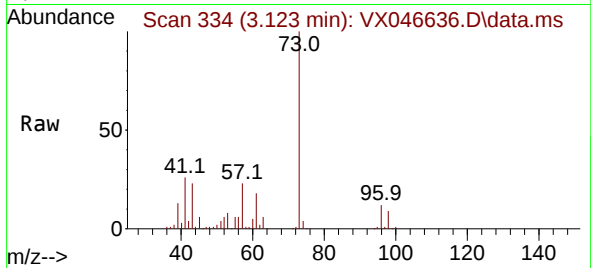
#19
Methyl tert-butyl Ether
Concen: 53.911 ug/l
RT: 3.123 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 173499
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5

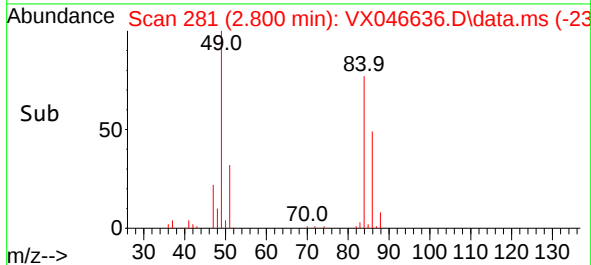
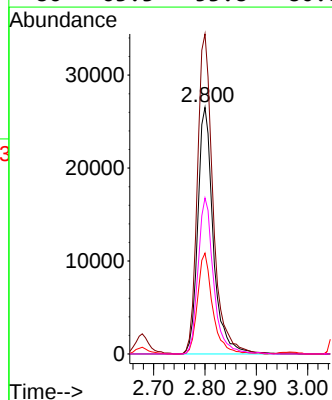
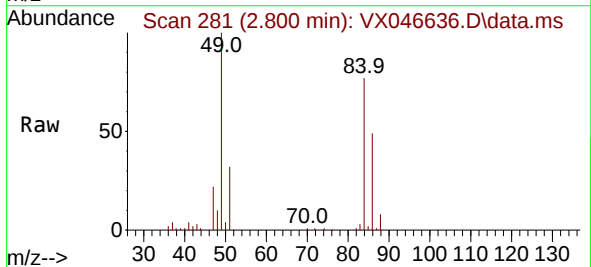
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 50.139 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

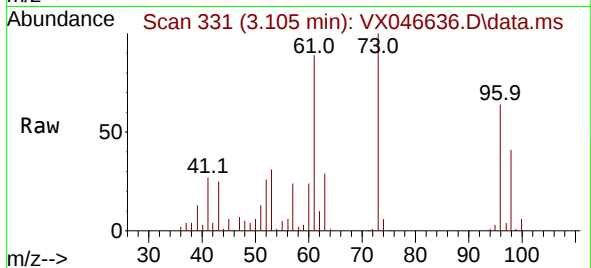
Tgt Ion: 84 Resp: 55439
Ion Ratio Lower Upper
84 100
49 129.8 113.9 170.9
51 40.9 33.5 50.3
86 63.3 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 49.675 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

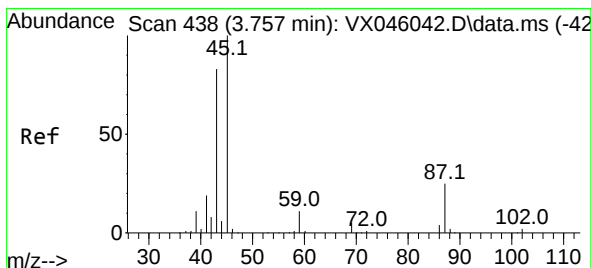
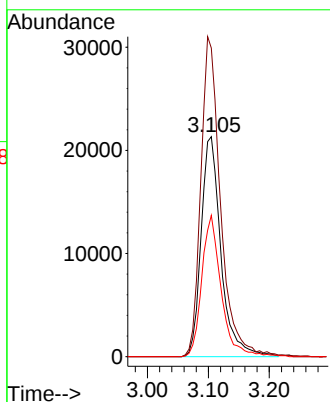
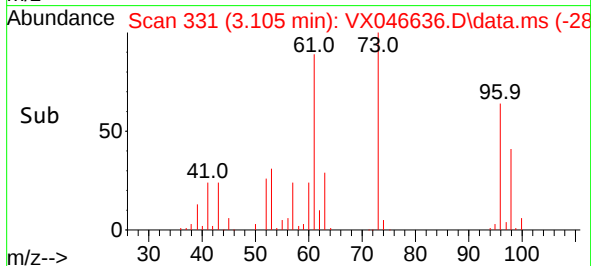
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 48350
Ion Ratio Lower Upper
96 100
61 140.2 119.5 179.3
98 64.2 50.0 75.0

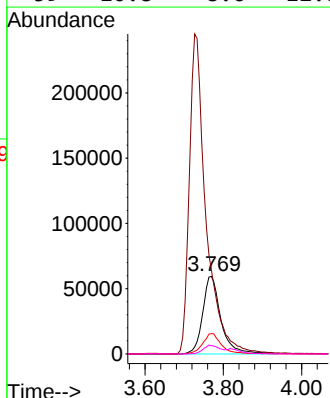
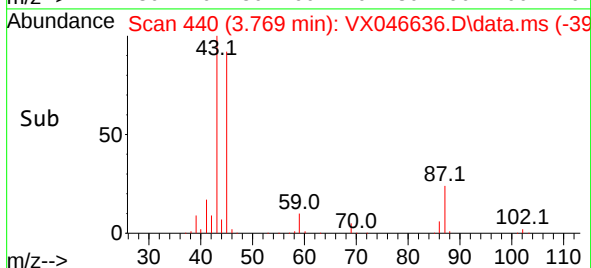
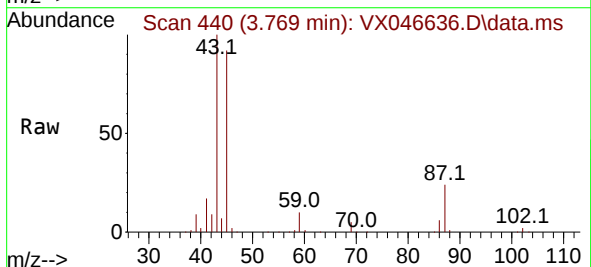
Manual Integrations
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Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#22
Diisopropyl ether
Concen: 53.823 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.013 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

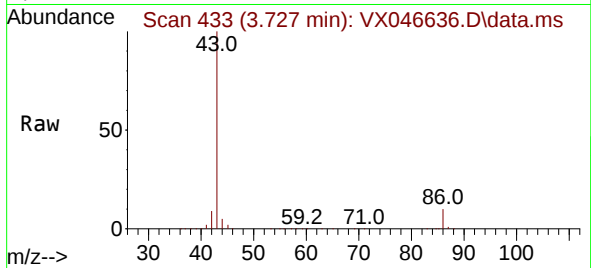
Tgt Ion: 45 Resp: 191676
Ion Ratio Lower Upper
45 100
43 108.0 66.6 100.0#
87 26.3 19.8 29.6
59 10.8 8.6 12.8





#23
 Vinyl Acetate
 Concen: 265.747 ug/l
 RT: 3.727 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VX046636.D
 Acq: 11 Jun 2025 14:46

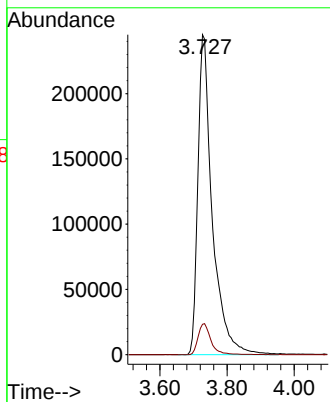
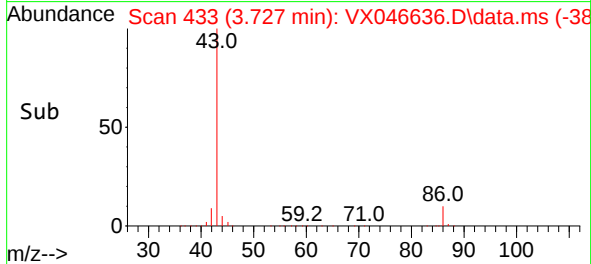
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



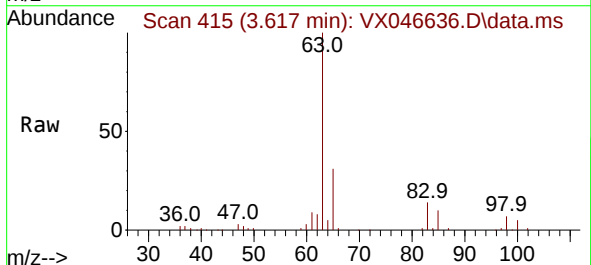
Tgt Ion: 43 Resp: 730658
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.5 11.3

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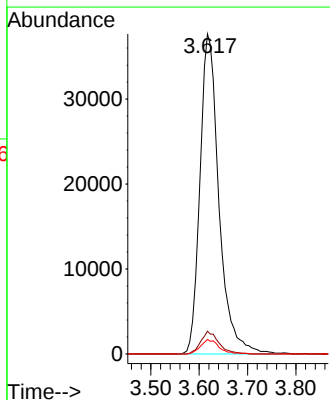
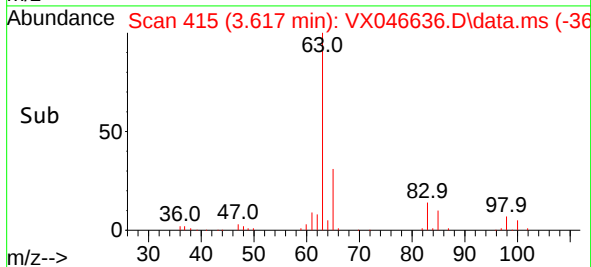
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

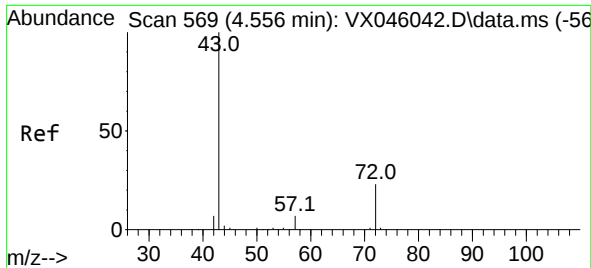


#24
 1,1-Dichloroethane
 Concen: 51.716 ug/l
 RT: 3.617 min Scan# 415
 Delta R.T. -0.012 min
 Lab File: VX046636.D
 Acq: 11 Jun 2025 14:46



Tgt Ion: 63 Resp: 102645
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.5 2.1 6.3





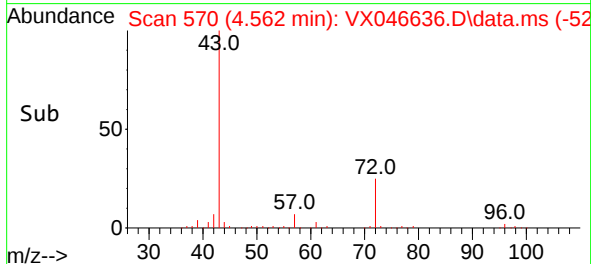
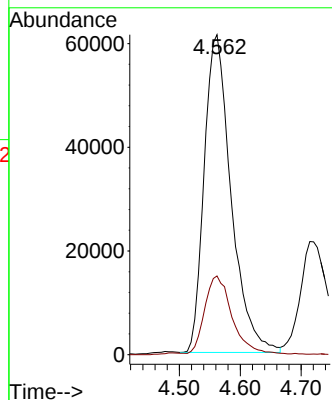
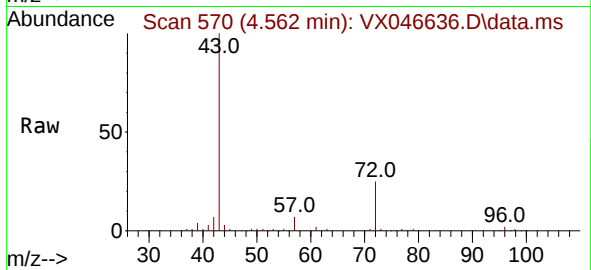
#25
2-Butanone
Concen: 245.374 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 188260
Ion Ratio Lower Upper
43 100
72 24.3 18.4 27.6

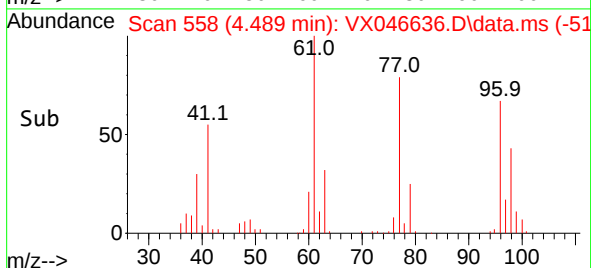
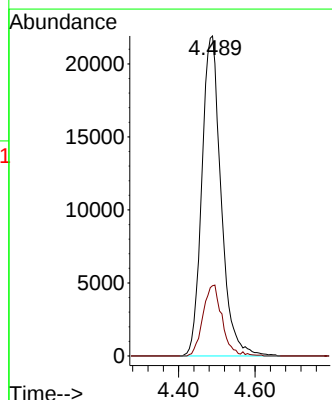
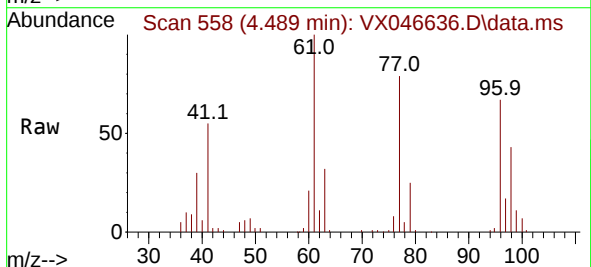
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 51.935 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 77 Resp: 76522
Ion Ratio Lower Upper
77 100
97 21.7 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 51.635 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.012 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 61869

Ion Ratio Lower Upper

96 100

61 153.5 0.0 322.8

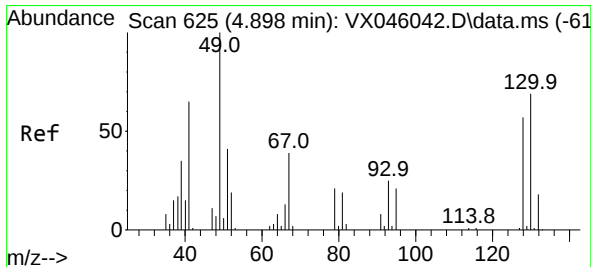
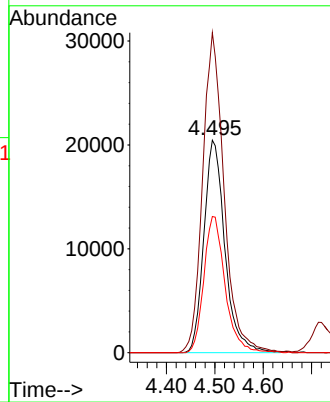
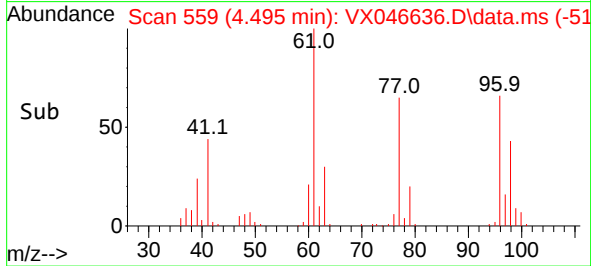
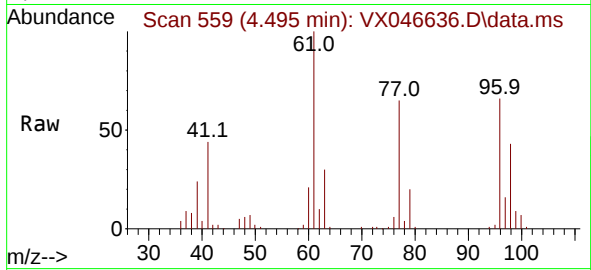
98 64.8 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#28

Bromochloromethane

Concen: 46.537 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.013 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

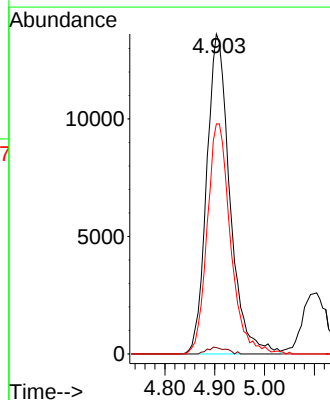
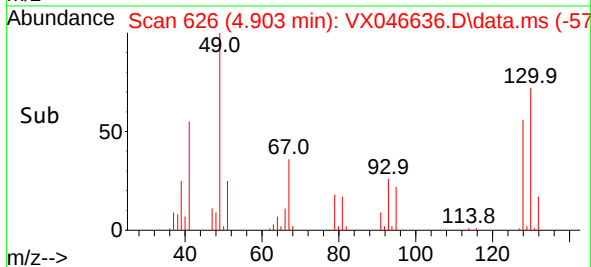
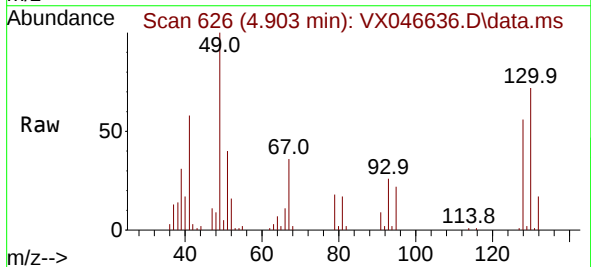
Tgt Ion: 49 Resp: 44054

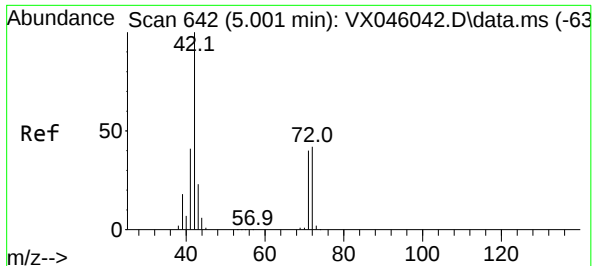
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 72.1 56.2 84.2





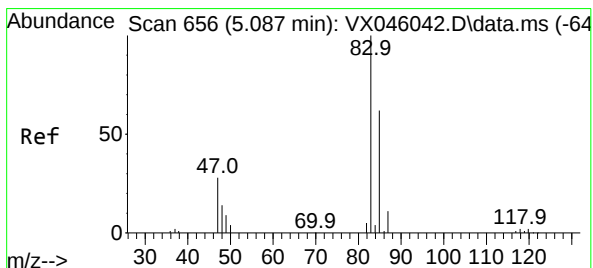
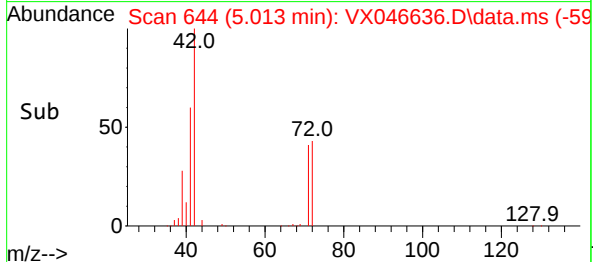
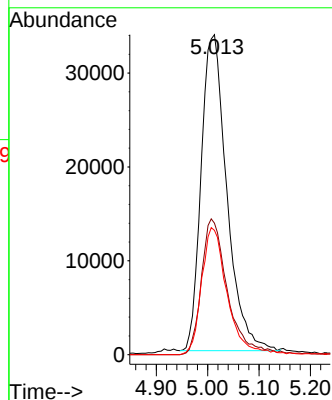
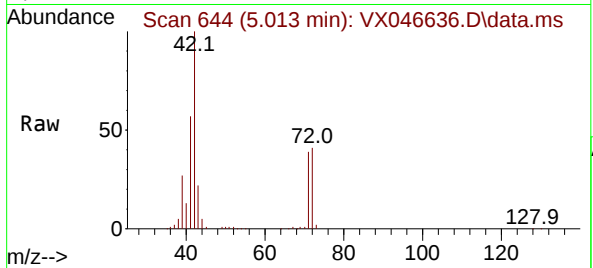
#29
Tetrahydrofuran
Concen: 240.984 ug/l
RT: 5.013 min Scan# 642
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 11676
Ion Ratio Lower Upper
42 100
72 43.9 33.7 50.5
71 40.3 31.4 47.2

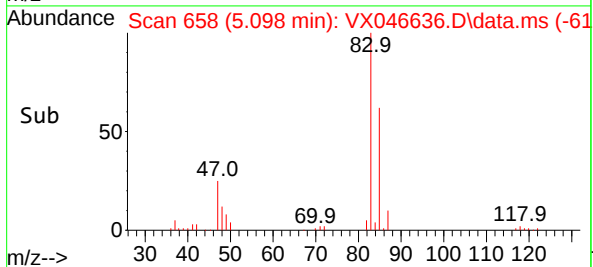
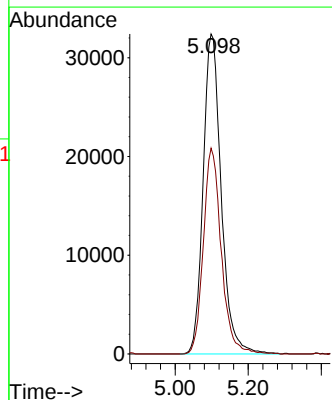
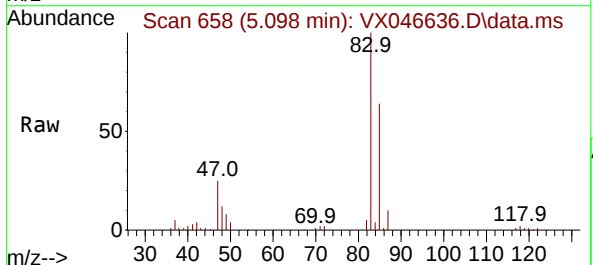
Manual Integrations
APPROVED

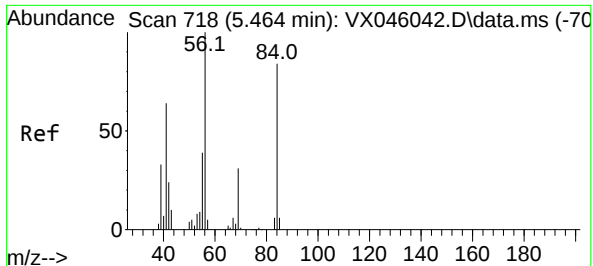
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#30
Chloroform
Concen: 53.424 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.013 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

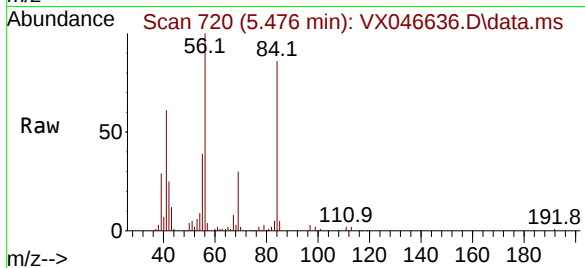
Tgt Ion: 83 Resp: 111101
Ion Ratio Lower Upper
83 100
85 64.3 49.3 73.9





#31
Cyclohexane
Concen: 49.332 ug/l
RT: 5.476 min Scan# 718
Delta R.T. -0.013 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

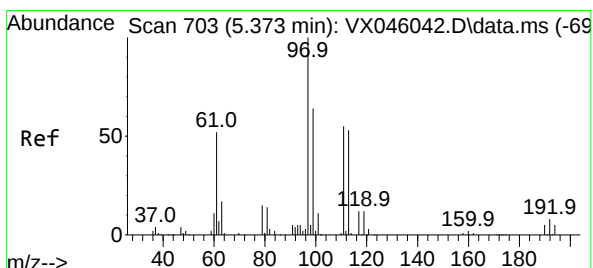
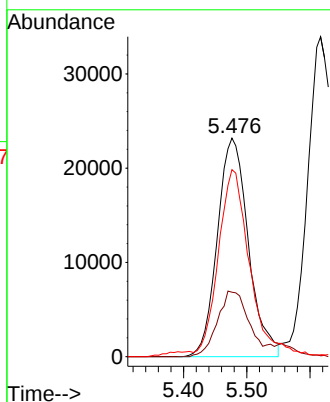
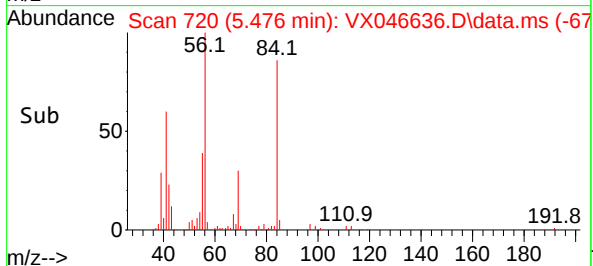
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 79044
Ion Ratio Lower Upper
56 100
69 29.5 24.4 36.6
84 83.3 66.9 100.3

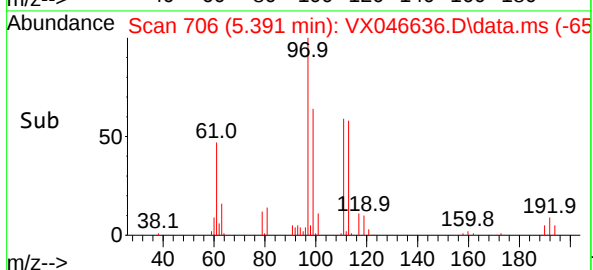
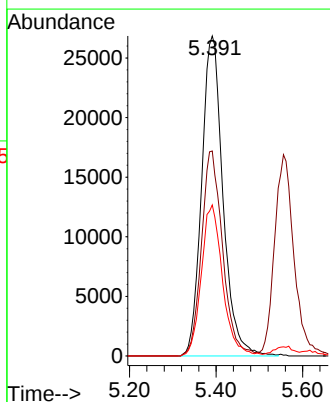
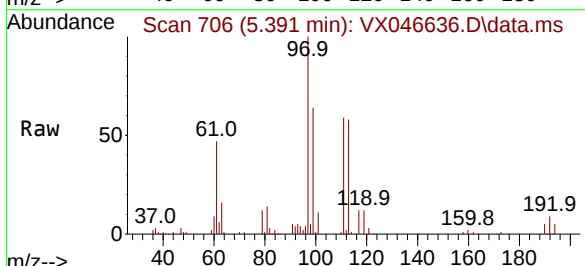
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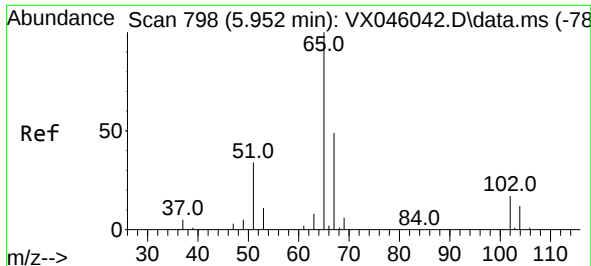
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#32
1,1,1-Trichloroethane
Concen: 51.668 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 97 Resp: 91912
Ion Ratio Lower Upper
97 100
99 63.4 51.8 77.6
61 47.0 40.1 60.1





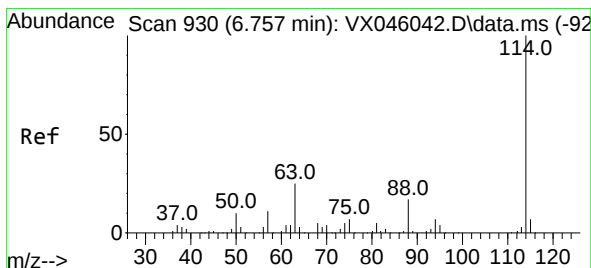
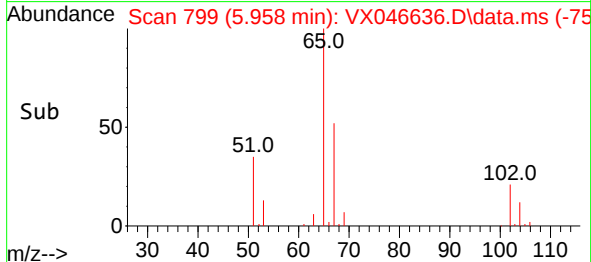
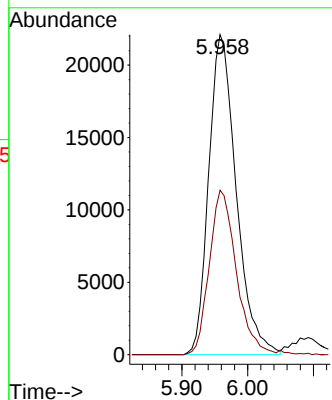
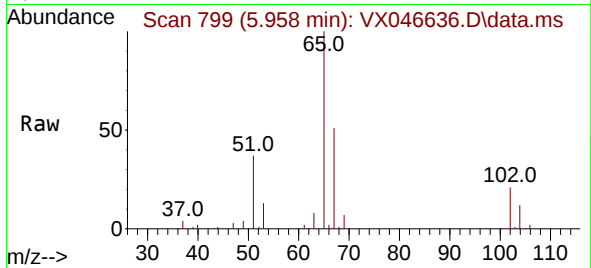
#33
1,2-Dichloroethane-d4
Concen: 46.653 ug/l
RT: 5.958 min Scan# 798
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 64299
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.0

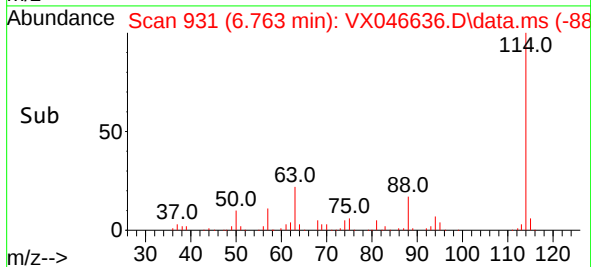
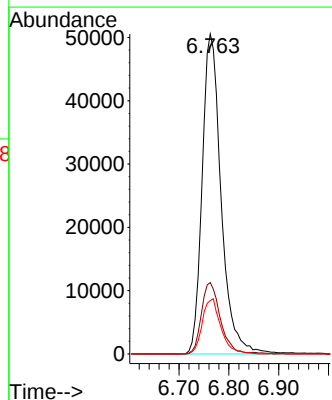
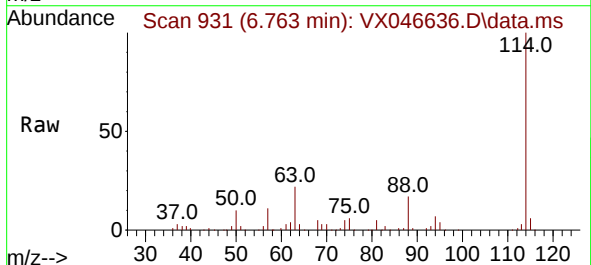
Manual Integrations
APPROVED

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



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion:114 Resp: 133266
Ion Ratio Lower Upper
114 100
63 22.3 0.0 49.2
88 16.7 0.0 33.6





#35

Dibromofluoromethane

Concen: 51.915 ug/l

RT: 5.391 min Scan# 704

Delta R.T. -0.012 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 50878

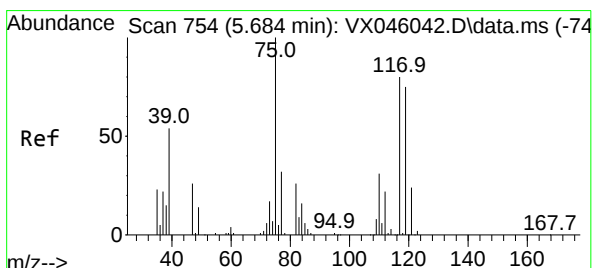
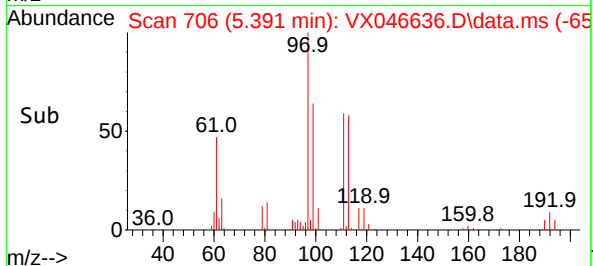
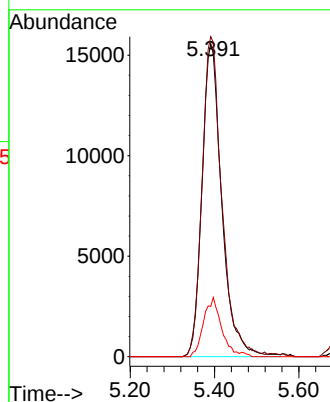
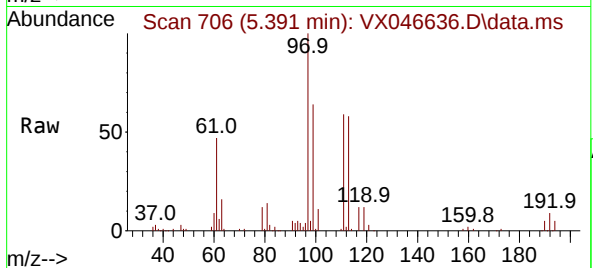
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.1	124.7
192	17.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#36

1,1-Dichloropropene

Concen: 47.660 ug/l

RT: 5.696 min Scan# 756

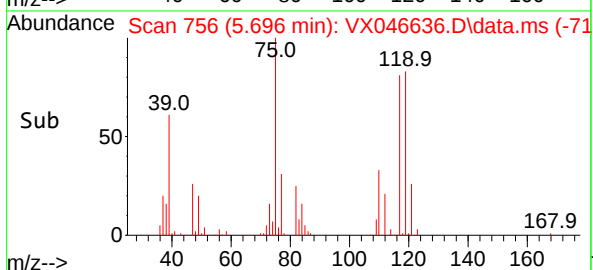
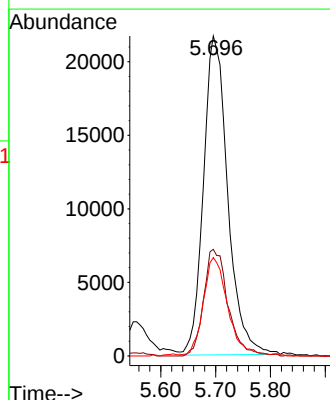
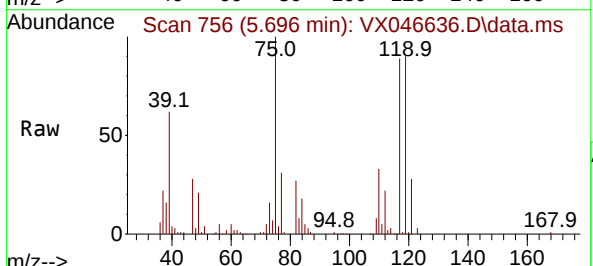
Delta R.T. -0.018 min

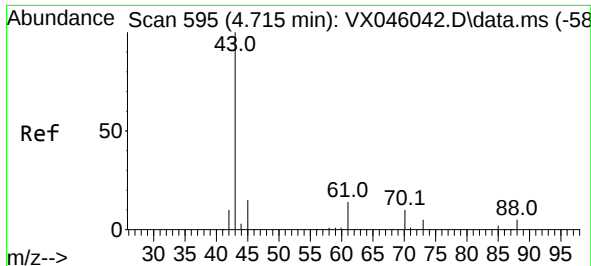
Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Tgt Ion: 75 Resp: 66719

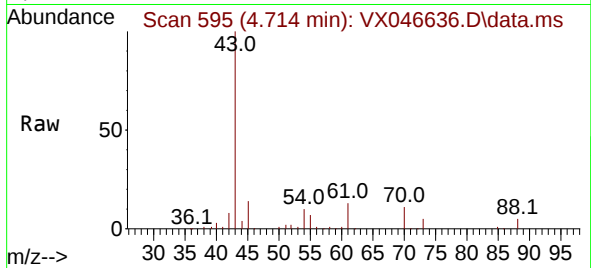
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.3	48.9
77	31.2	24.3	36.5





#37
Ethyl Acetate
Concen: 53.299 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.019 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

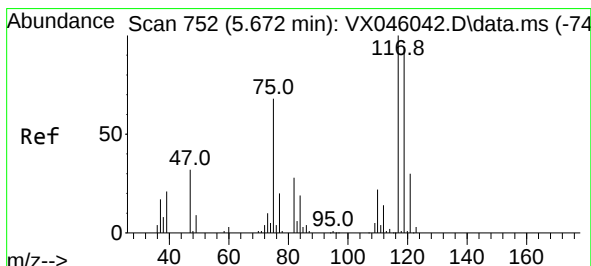
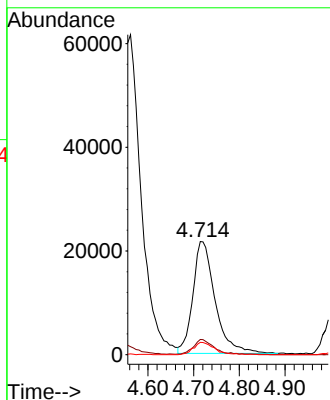
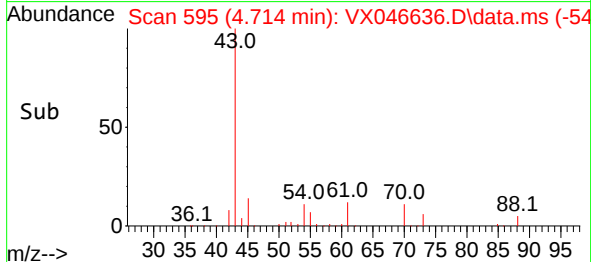
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 7282
Ion Ratio Lower Upper
43 100
61 13.1 10.3 15.5
70 10.4 7.9 11.9

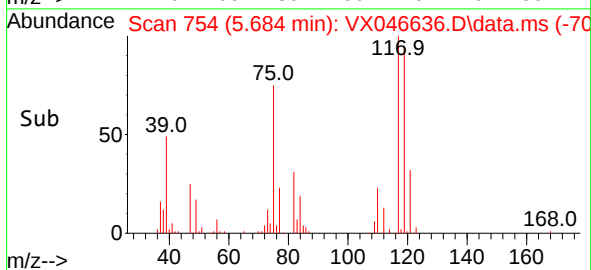
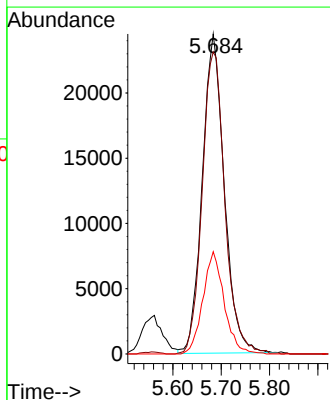
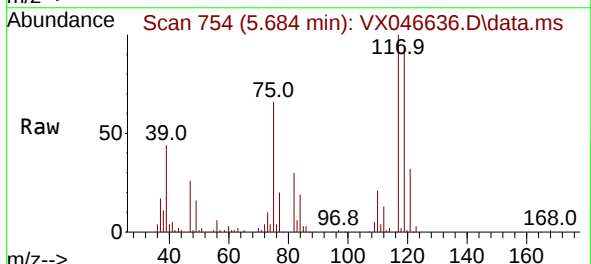
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 49.184 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion:117 Resp: 77120
Ion Ratio Lower Upper
117 100
119 94.6 75.2 112.8
121 32.1 24.2 36.4





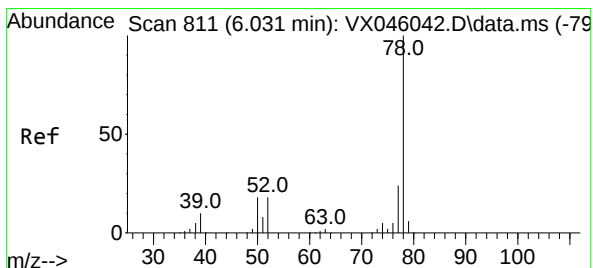
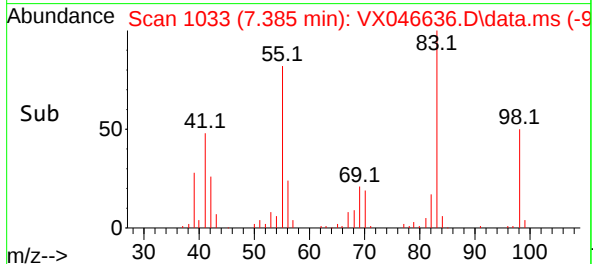
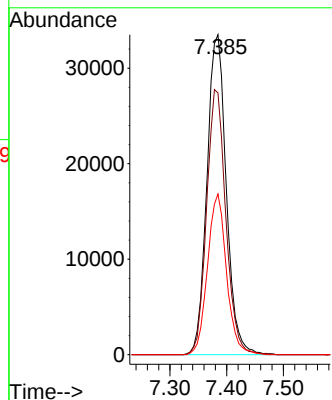
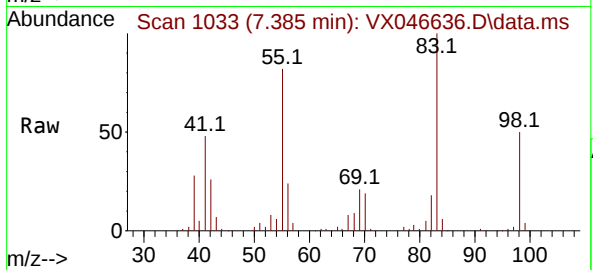
#39
Methylcyclohexane
Concen: 48.113 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 79500
Ion Ratio Lower Upper
83 100
55 81.8 64.7 97.1
98 50.2 37.4 56.2

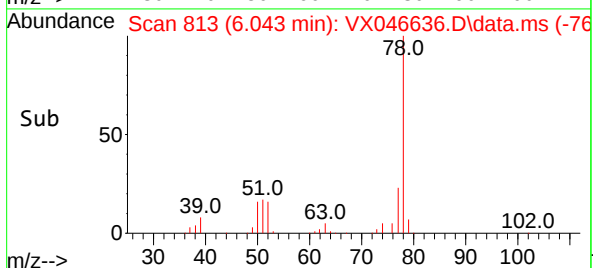
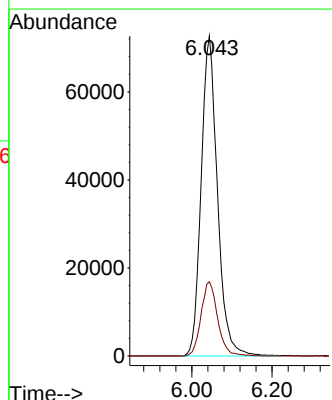
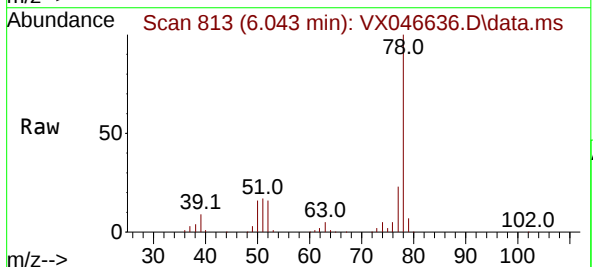
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 51.876 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.013 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

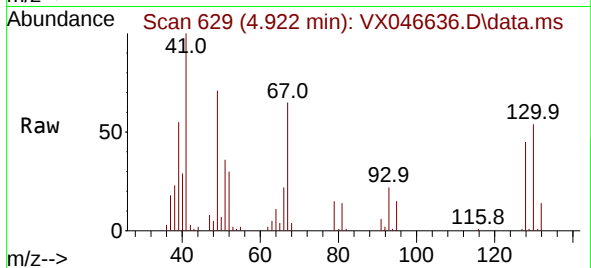
Tgt Ion: 78 Resp: 204444
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.4





#41
Methacrylonitrile
Concen: 51.538 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

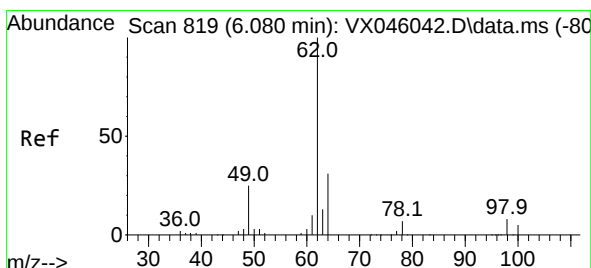
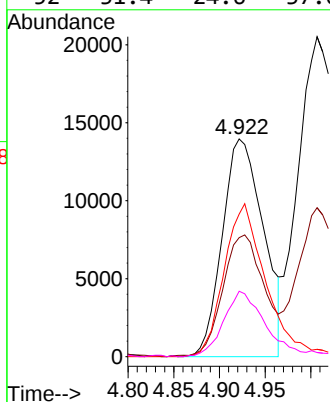
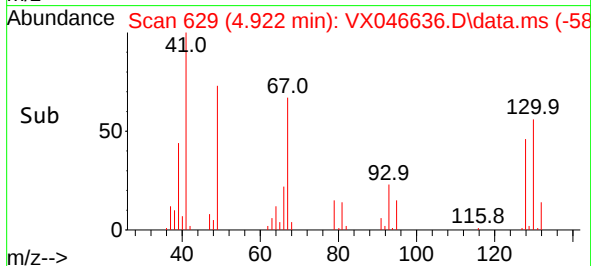
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 43728
Ion Ratio Lower Upper
41 100
39 56.2 47.2 70.8
67 72.3 50.7 76.1
52 31.4 24.6 37.0

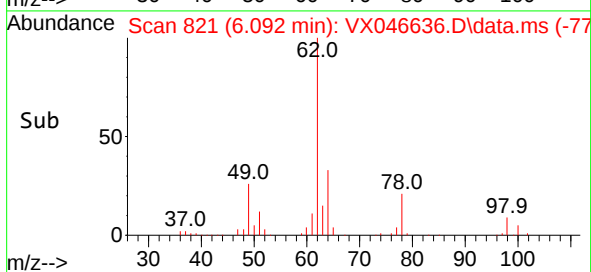
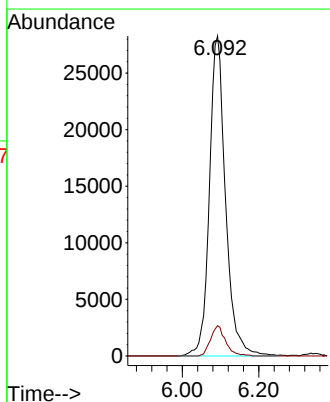
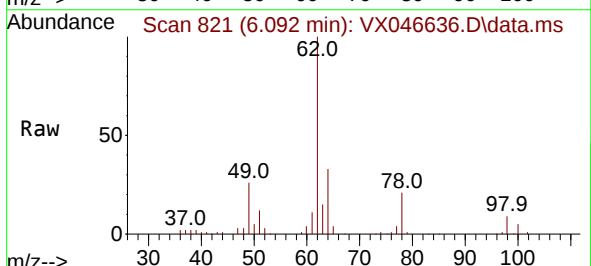
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 50.505 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 62 Resp: 82805
Ion Ratio Lower Upper
62 100
98 8.8 0.0 15.2





#43

Isopropyl Acetate

Concen: 51.690 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.012 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 12312

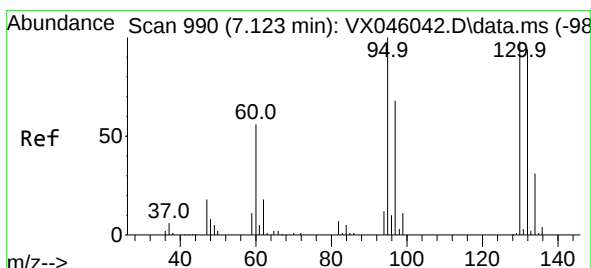
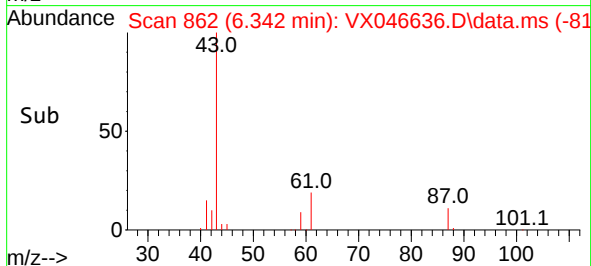
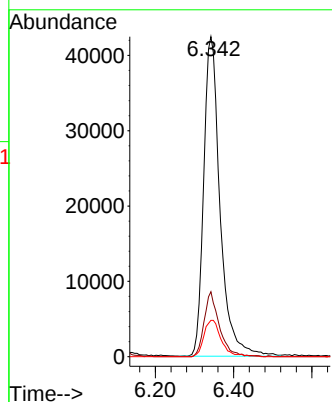
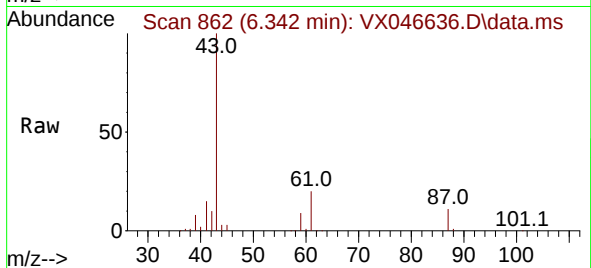
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.3	21.5
87	12.1	9.5	14.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#44

Trichloroethene

Concen: 50.496 ug/l

RT: 7.128 min Scan# 991

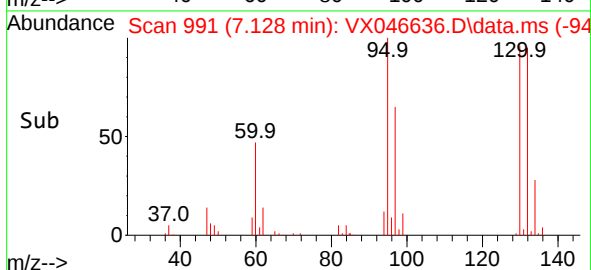
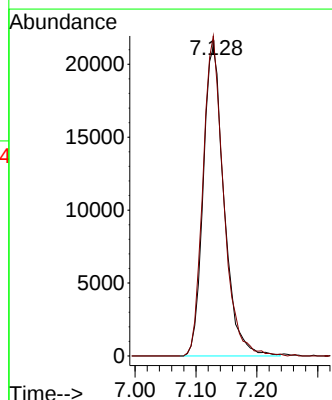
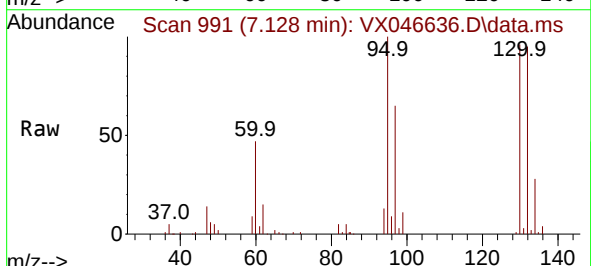
Delta R.T. -0.007 min

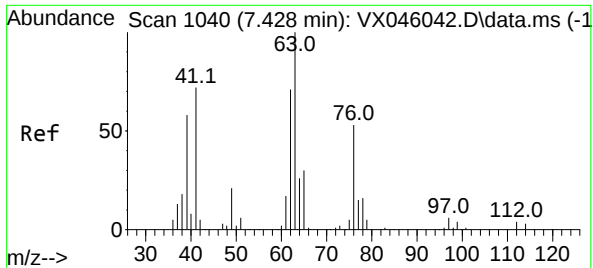
Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Tgt Ion:130 Resp: 50564

Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	204.2





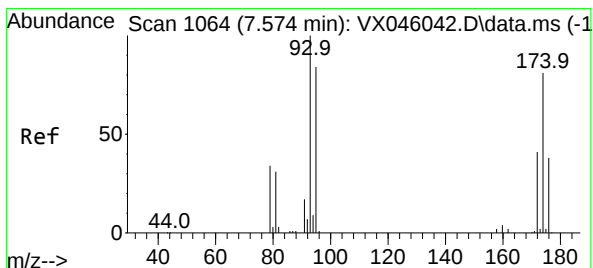
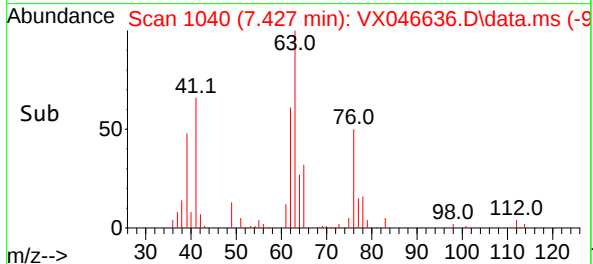
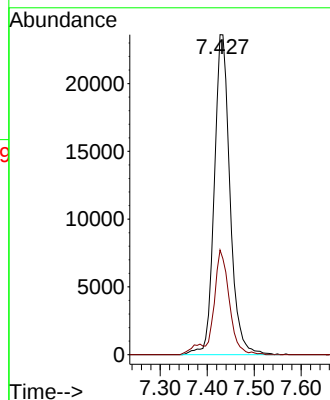
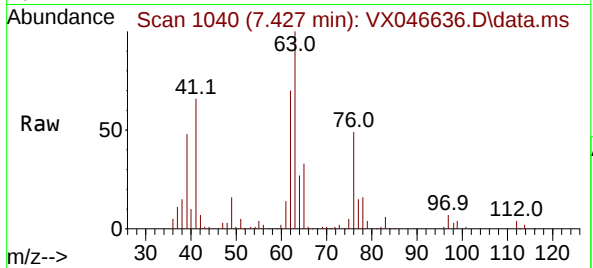
#45
1,2-Dichloropropane
Concen: 53.877 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.013 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 5480
Ion Ratio Lower Upper
63 100
65 32.7 24.1 36.1

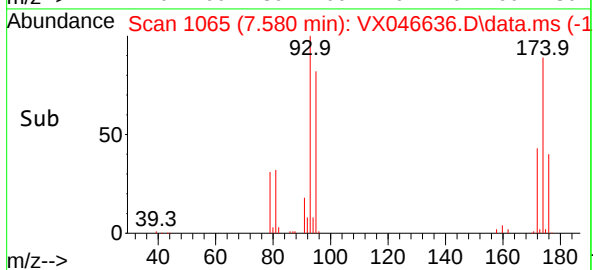
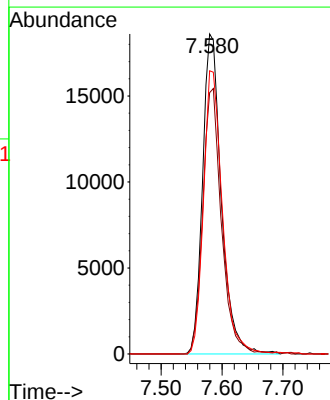
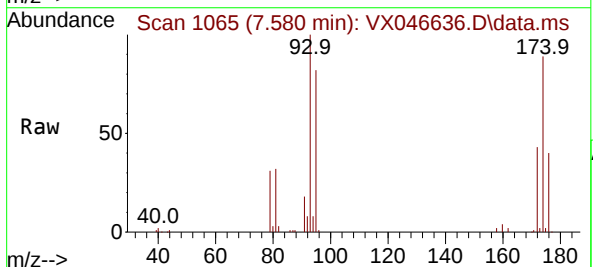
Manual Integrations
APPROVED

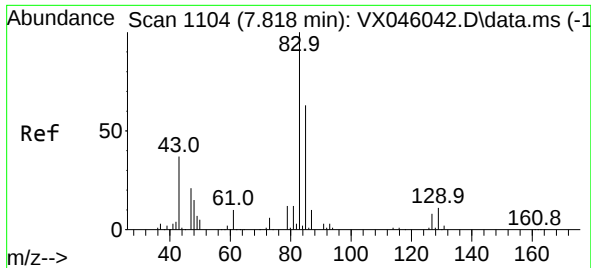
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#46
Dibromomethane
Concen: 52.002 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 93 Resp: 39795
Ion Ratio Lower Upper
93 100
95 83.1 65.6 98.4
174 89.3 68.2 102.2





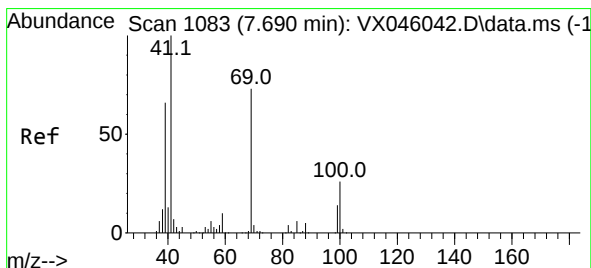
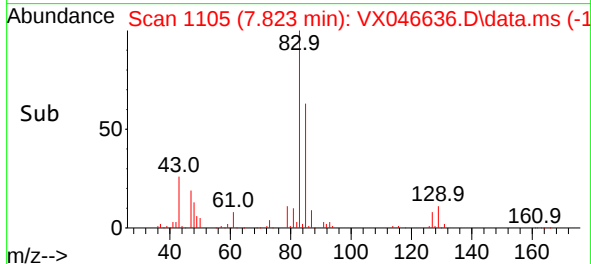
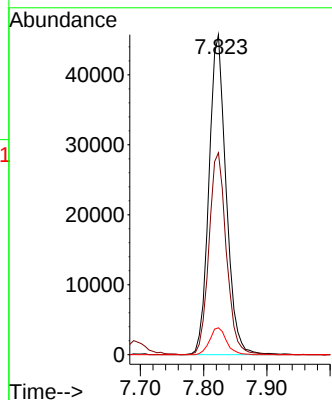
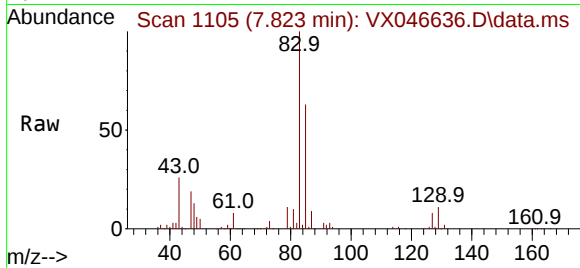
#47
Bromodichloromethane
Concen: 54.764 ug/l
RT: 7.823 min Scan# 1105
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 86170
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.4 6.5 9.7

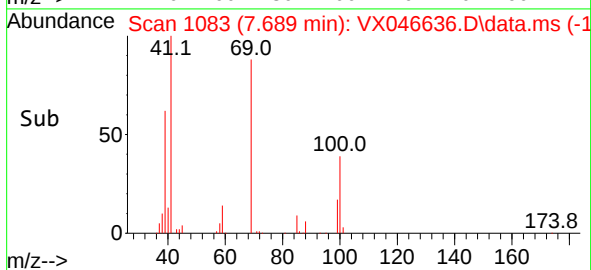
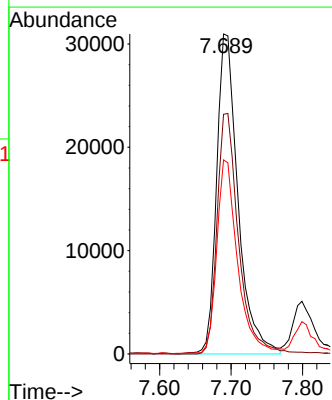
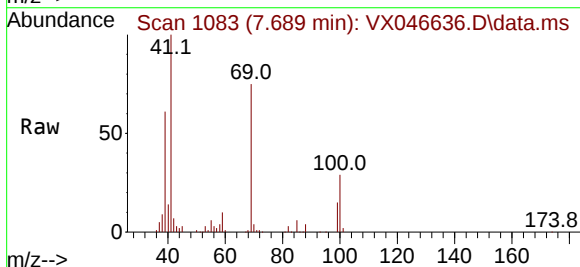
Manual Integrations
APPROVED

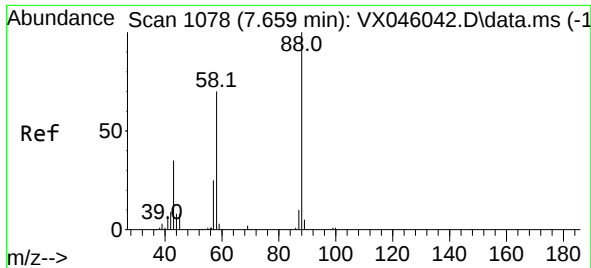
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#48
Methyl methacrylate
Concen: 52.623 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.013 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

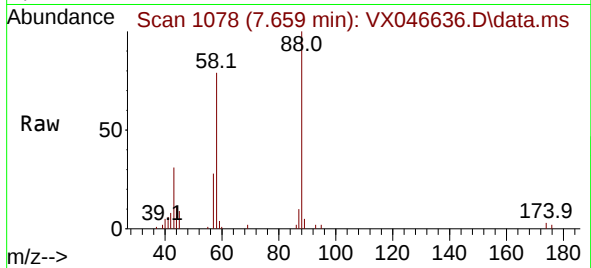
Tgt Ion: 41 Resp: 64491
Ion Ratio Lower Upper
41 100
69 75.5 58.5 87.7
39 59.2 51.7 77.5





#49
1,4-Dioxane
Concen: 936.440 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.012 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

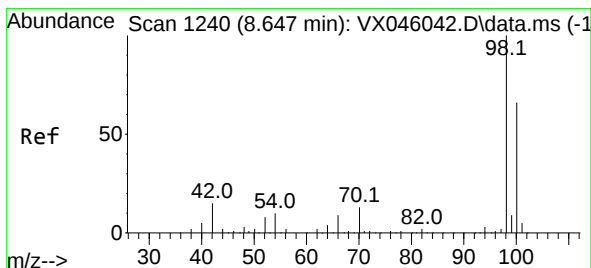
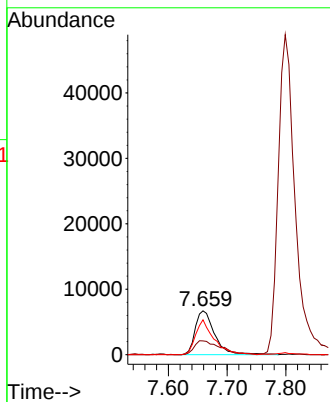
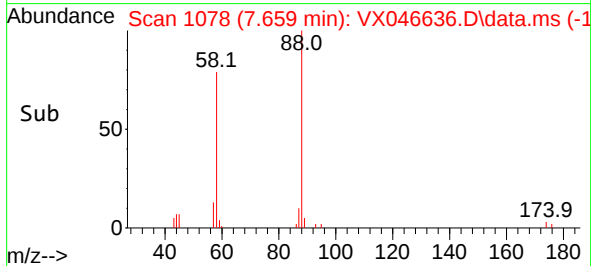
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 1534
Ion Ratio Lower Upper
88 100
43 43.4 33.4 50.2
58 74.5 58.6 88.0

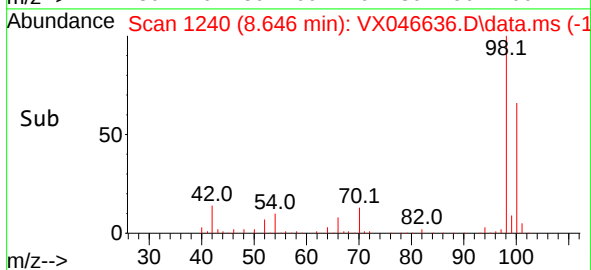
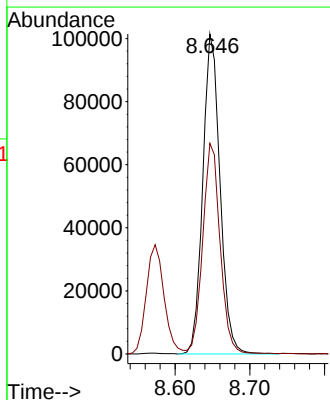
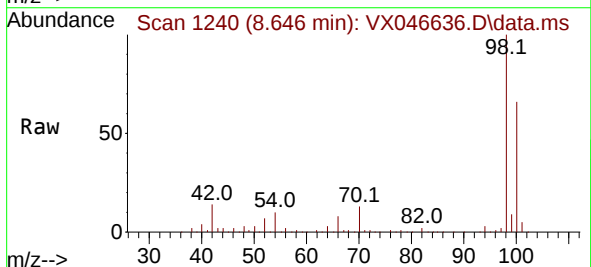
Manual Integrations
APPROVED

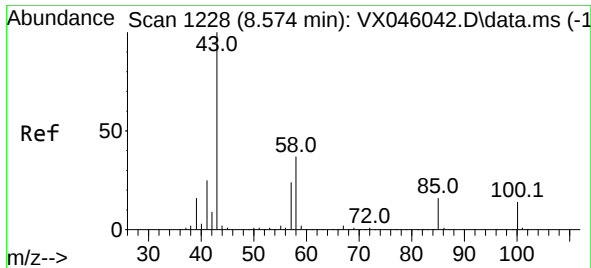
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#50
Toluene-d8
Concen: 50.297 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 98 Resp: 162512
Ion Ratio Lower Upper
98 100
100 66.0 53.5 80.3





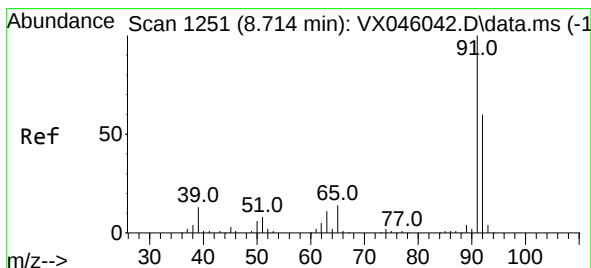
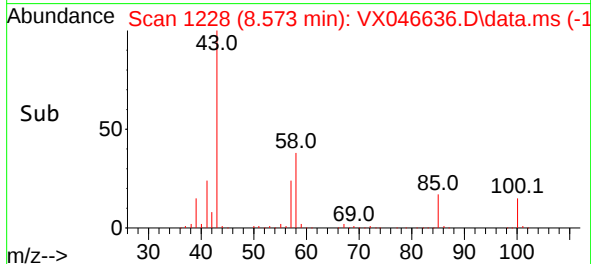
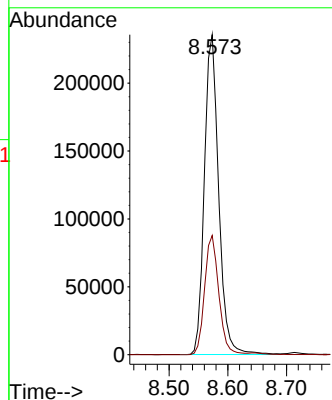
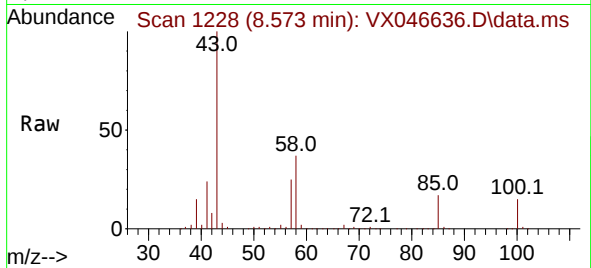
#51
4-Methyl-2-Pentanone
Concen: 263.985 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 399573
Ion Ratio Lower Upper
43 100
58 36.9 28.9 43.3

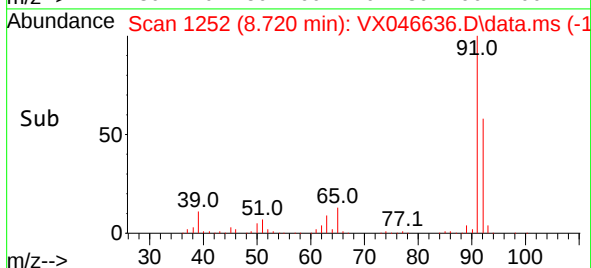
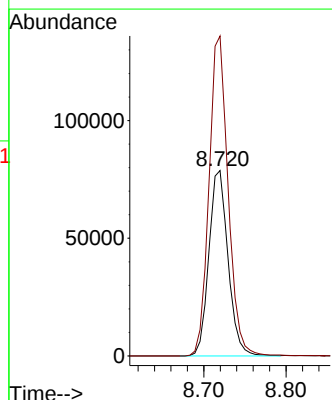
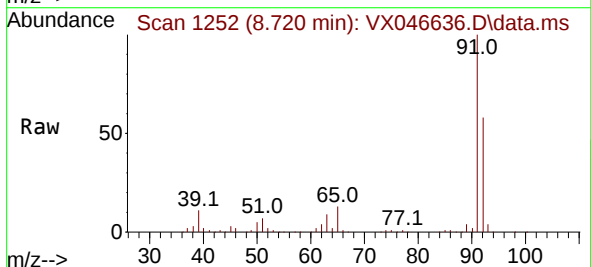
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 52.732 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

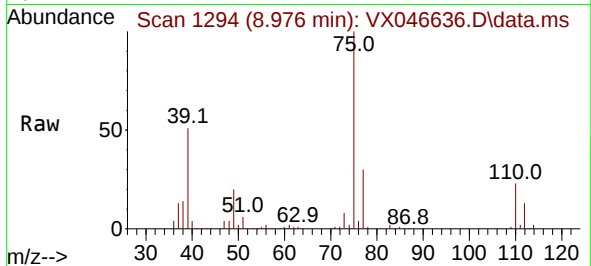
Tgt Ion: 92 Resp: 127673
Ion Ratio Lower Upper
92 100
91 171.8 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 54.455 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

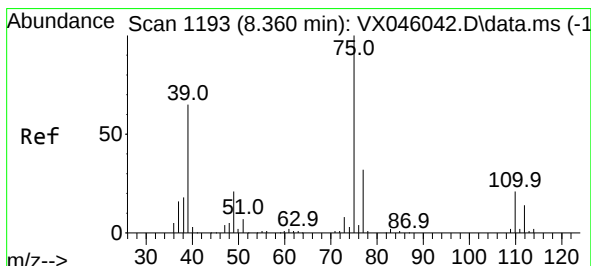
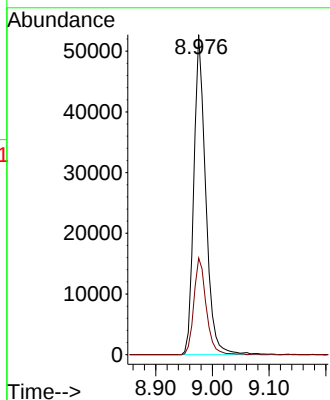
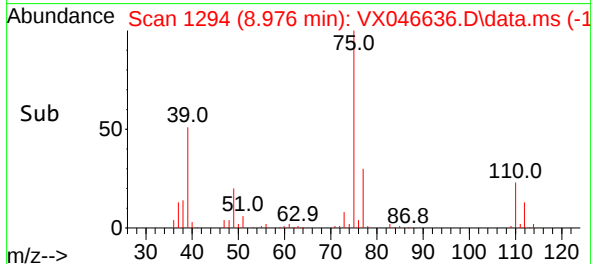
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 7682
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.6

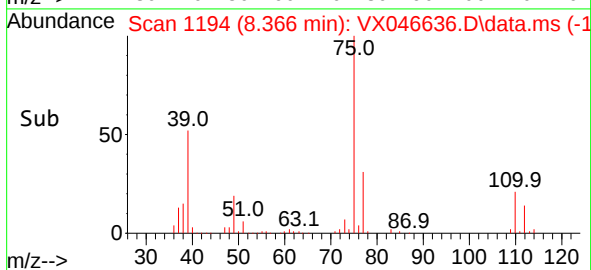
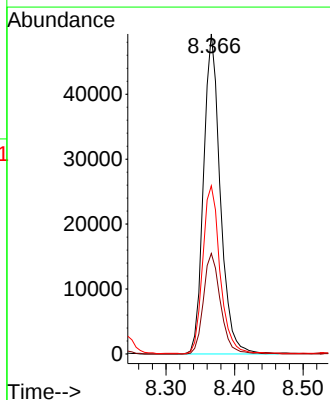
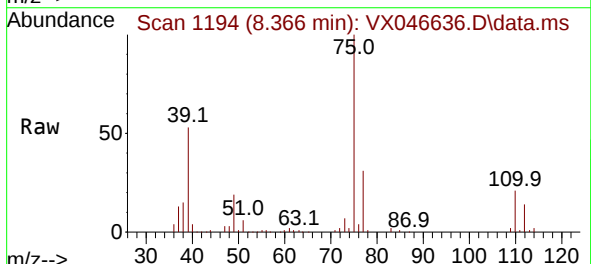
Manual Integrations
APPROVED

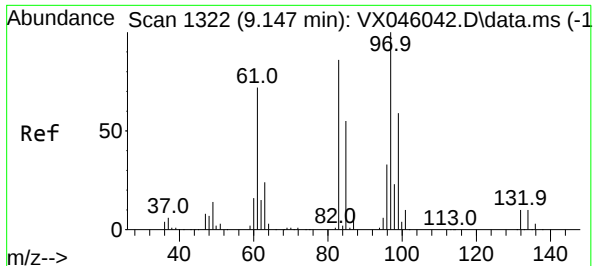
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#54
cis-1,3-Dichloropropene
Concen: 53.504 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

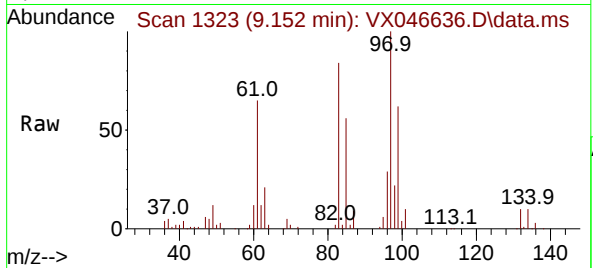
Tgt Ion: 75 Resp: 83927
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 52.4 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 55.318 ug/l
RT: 9.152 min Scan# 1323
Delta R.T. -0.001 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

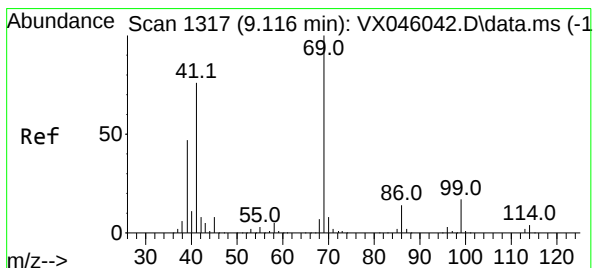
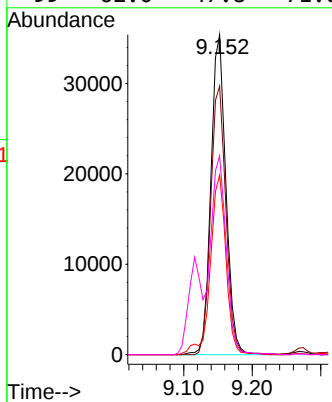
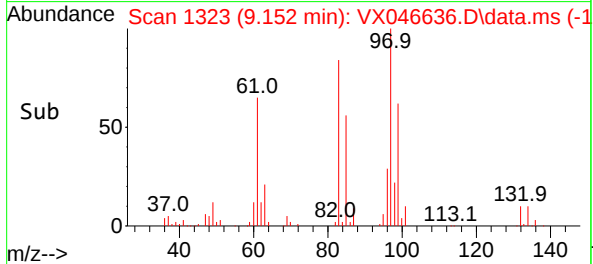
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



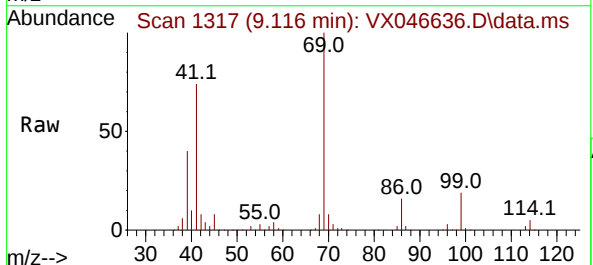
Tgt Ion: 97 Resp: 5376
Ion Ratio Lower Upper
97 100
83 84.0 69.0 103.6
85 56.1 44.3 66.5
99 62.0 47.8 71.6

Manual Integrations
APPROVED

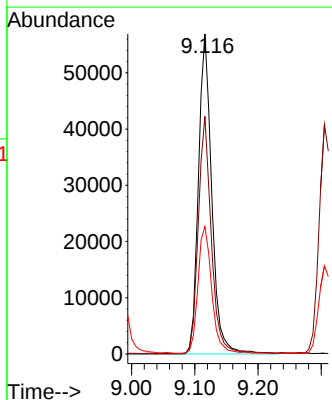
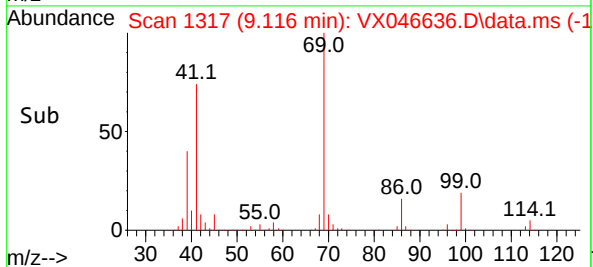
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

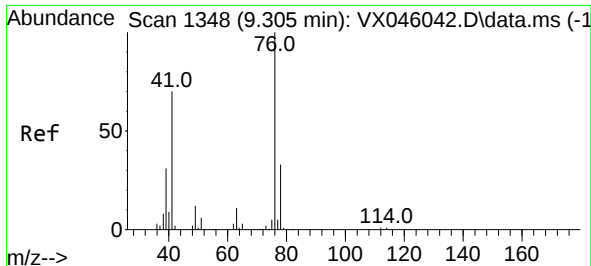


#56
Ethyl methacrylate
Concen: 56.009 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46



Tgt Ion: 69 Resp: 83775
Ion Ratio Lower Upper
69 100
41 72.3 60.8 91.2
39 41.4 39.0 58.6





#57

1,3-Dichloropropane

Concen: 52.422 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 9004

Ion Ratio Lower Upper

76 100

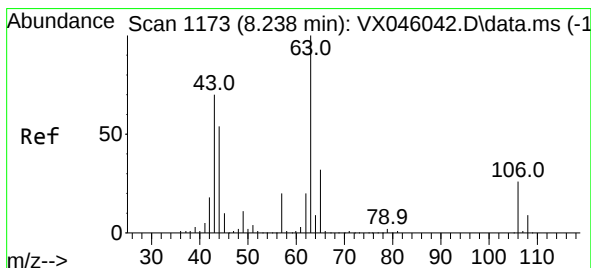
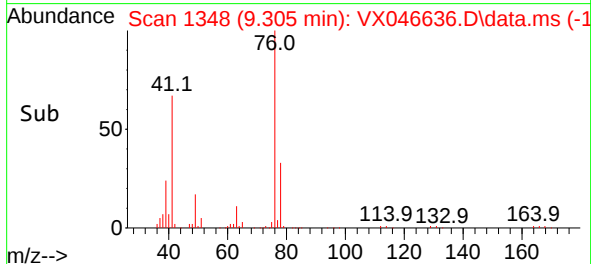
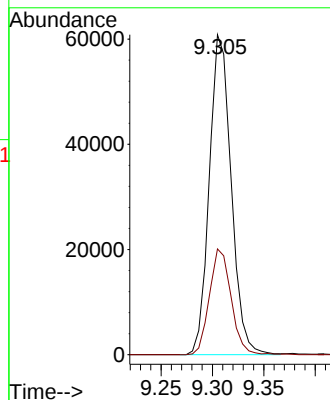
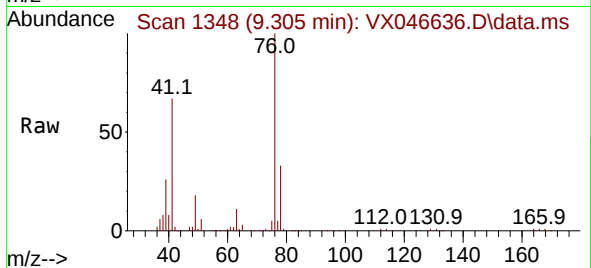
78 32.8 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#58

2-Chloroethyl Vinyl ether

Concen: 260.437 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046636.D

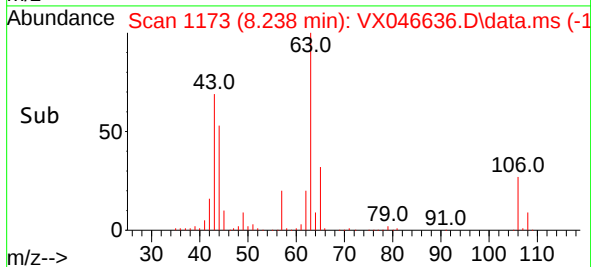
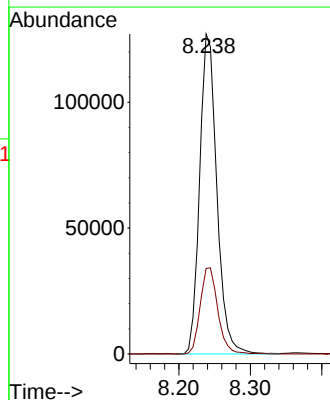
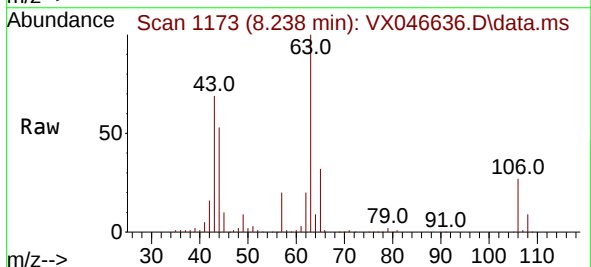
Acq: 11 Jun 2025 14:46

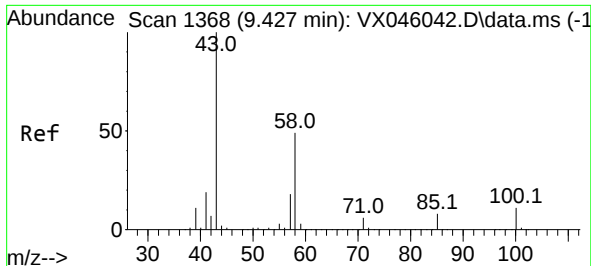
Tgt Ion: 63 Resp: 212181

Ion Ratio Lower Upper

63 100

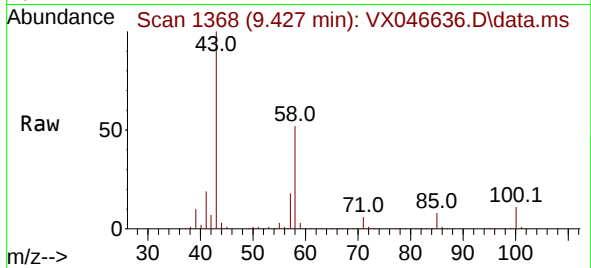
106 27.5 21.5 32.3





#59
2-Hexanone
Concen: 259.182 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

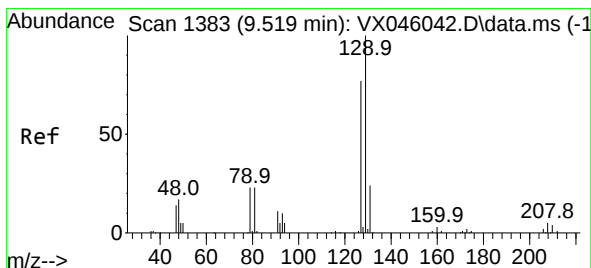
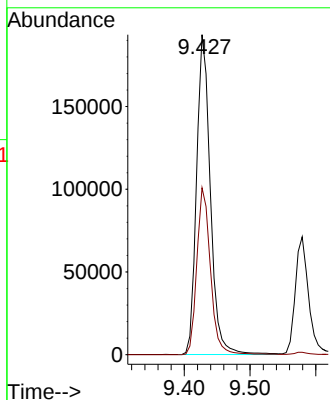
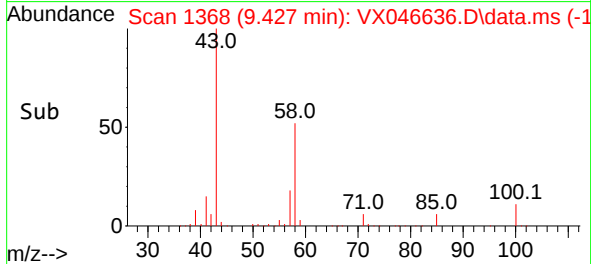
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 281354
Ion Ratio Lower Upper
43 100
58 51.5 24.9 74.6

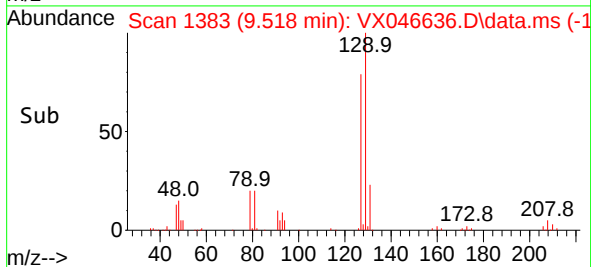
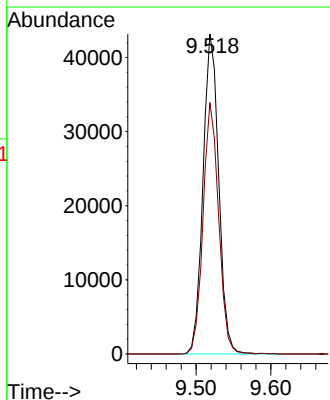
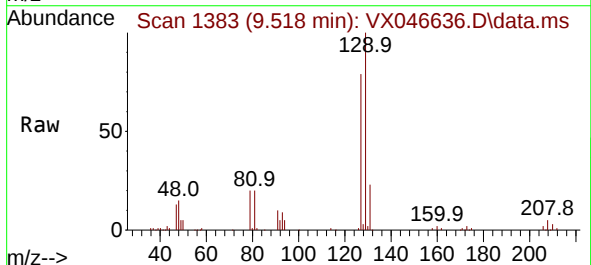
Manual Integrations
APPROVED

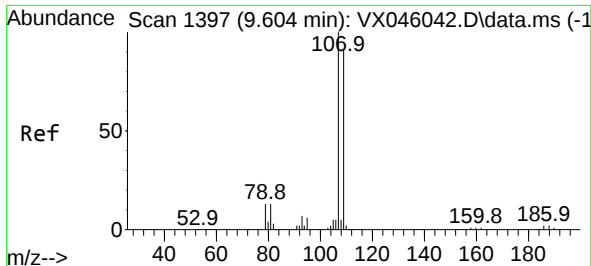
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#60
Dibromochloromethane
Concen: 55.050 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

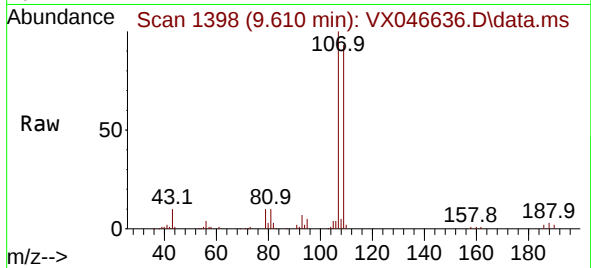
Tgt Ion:129 Resp: 62938
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





#61
1,2-Dibromoethane
Concen: 52.090 ug/l
RT: 9.610 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

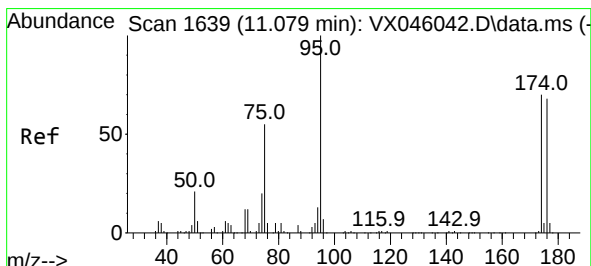
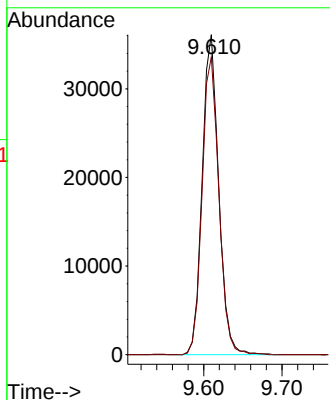
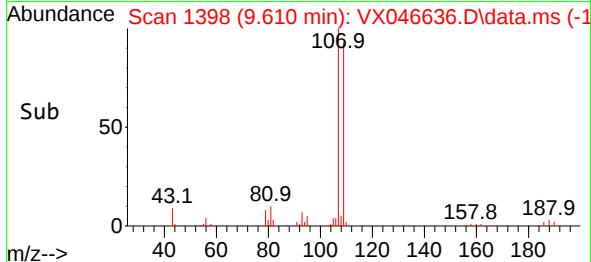
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 52759
Ion Ratio Lower Upper
107 100
109 94.6 73.3 109.9

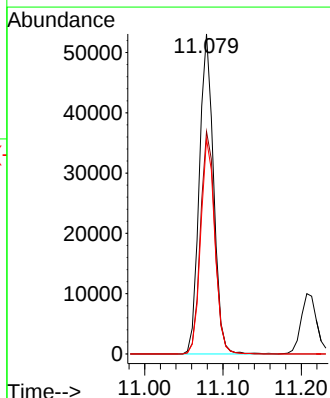
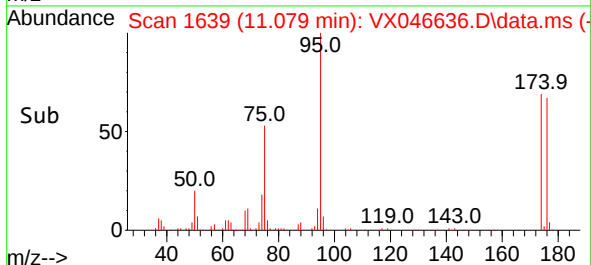
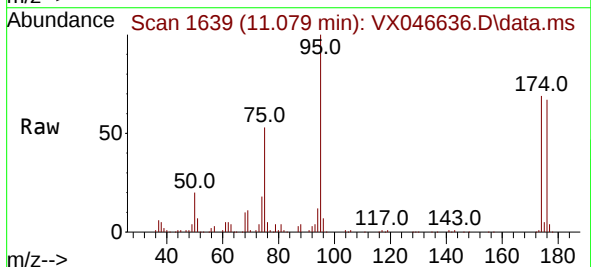
Manual Integrations
APPROVED

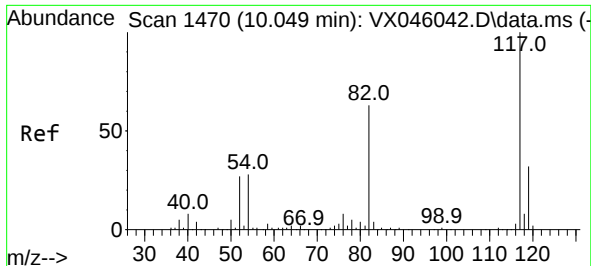
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#62
4-Bromofluorobenzene
Concen: 50.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

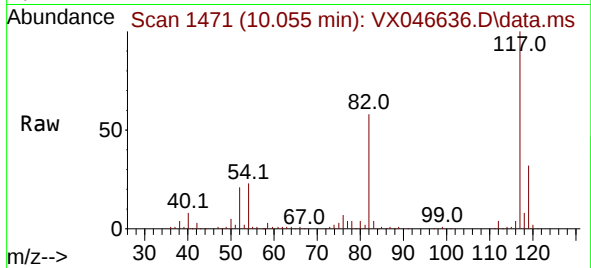
Tgt Ion: 95 Resp: 67056
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.8
176 66.6 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

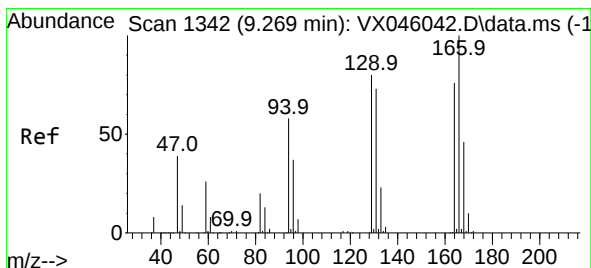
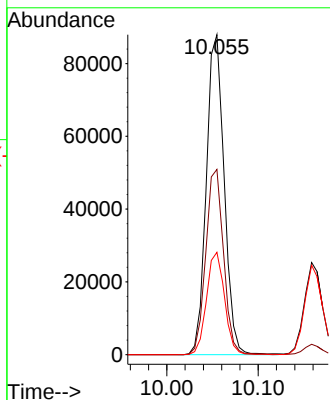
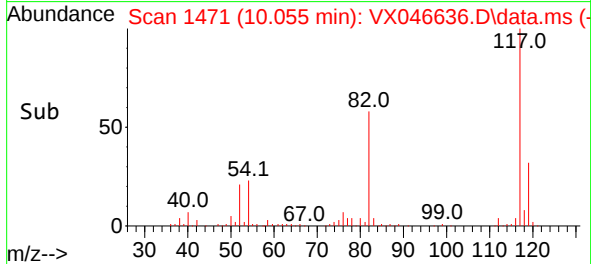
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 119180
Ion Ratio Lower Upper
117 100
82 57.9 50.6 76.0
119 32.0 25.8 38.6

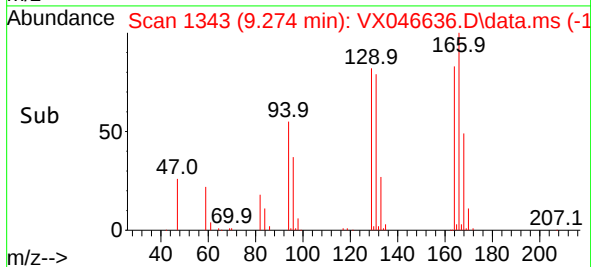
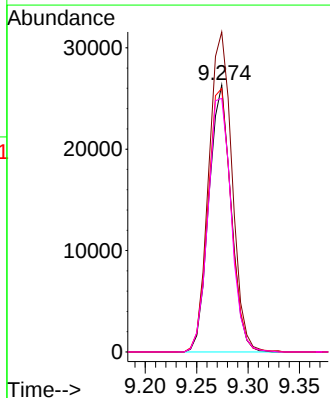
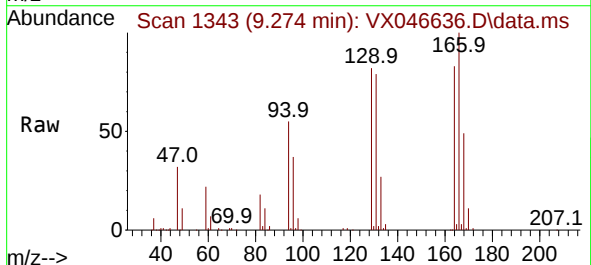
Manual Integrations
APPROVED

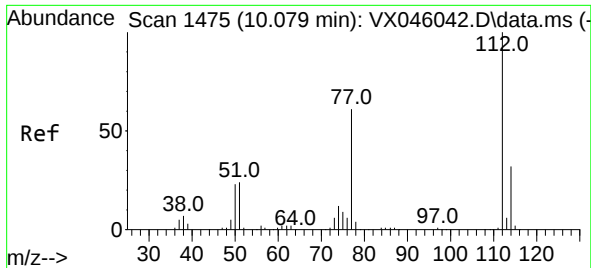
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#64
Tetrachloroethene
Concen: 49.417 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.001 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

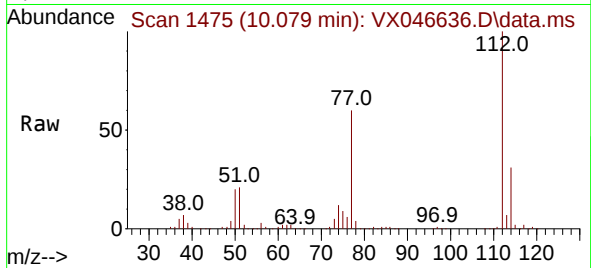
Tgt Ion:164 Resp: 39385
Ion Ratio Lower Upper
164 100
166 119.9 105.0 157.6
129 98.7 83.5 125.3
131 95.0 76.5 114.7





#65
Chlorobenzene
Concen: 51.980 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

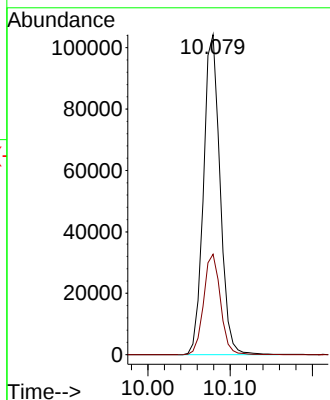
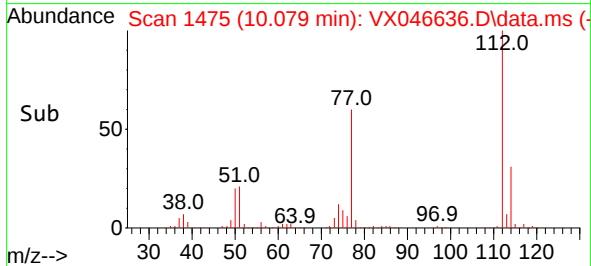
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



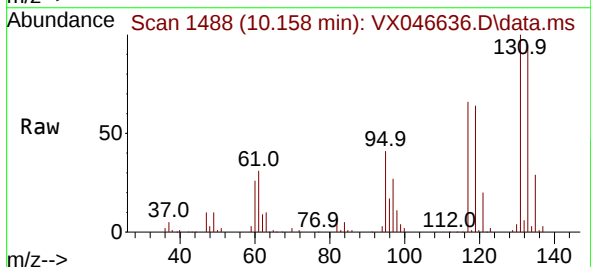
Tgt Ion:112 Resp: 14570
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

Manual Integrations
APPROVED

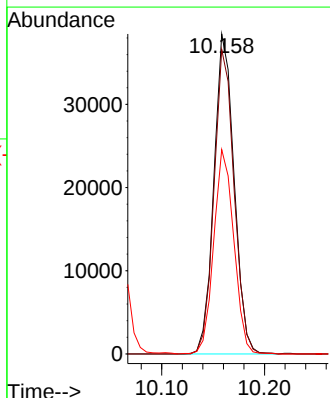
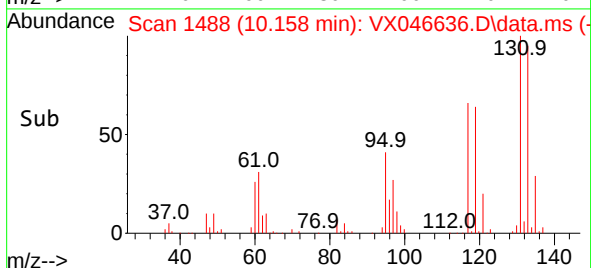
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025

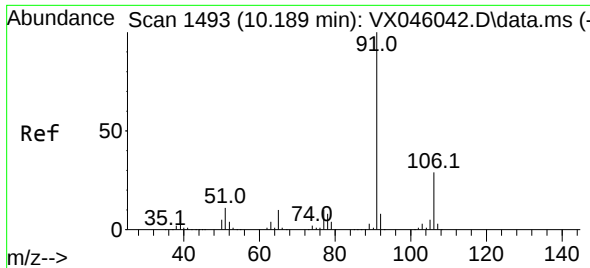


#66
1,1,1,2-Tetrachloroethane
Concen: 55.199 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46



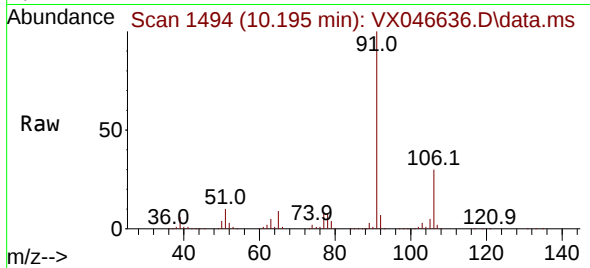
Tgt Ion:131 Resp: 52286
Ion Ratio Lower Upper
131 100
133 94.9 47.3 141.9
119 63.6 31.6 95.0





#67
Ethyl Benzene
Concen: 51.724 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

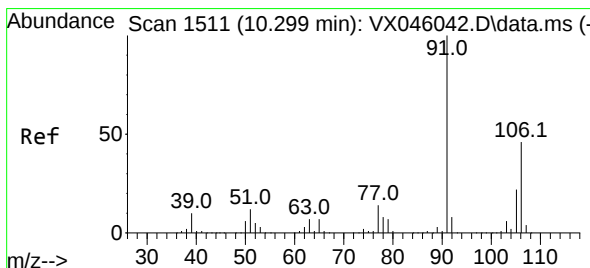
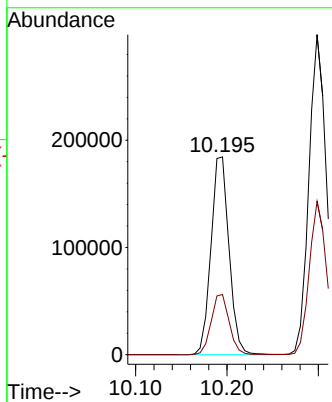
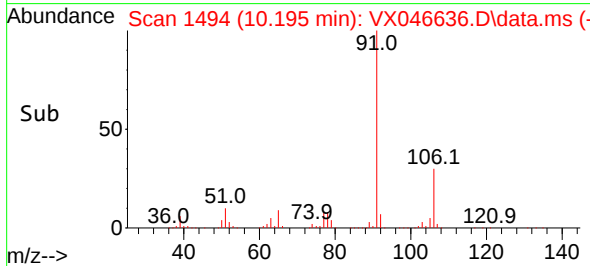
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 253115
Ion Ratio Lower Upper
91 100
106 30.4 23.4 35.2

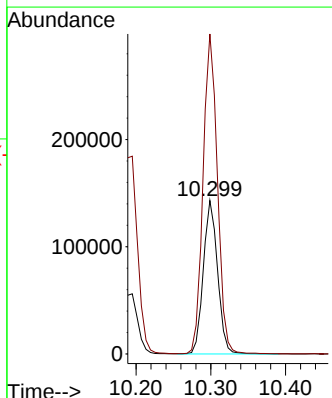
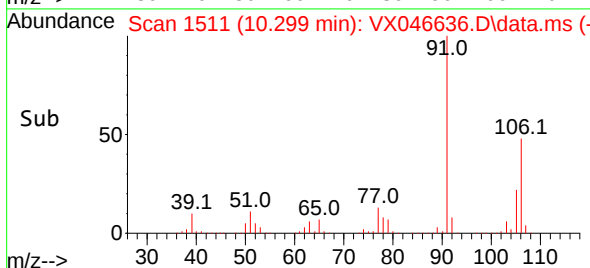
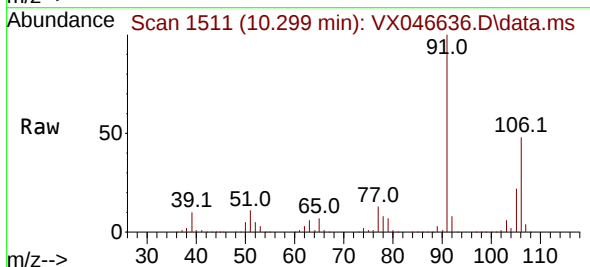
Manual Integrations
APPROVED

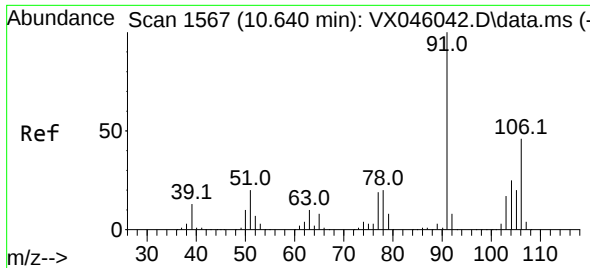
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#68
m/p-Xylenes
Concen: 106.345 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion:106 Resp: 188777
Ion Ratio Lower Upper
106 100
91 210.7 171.2 256.8





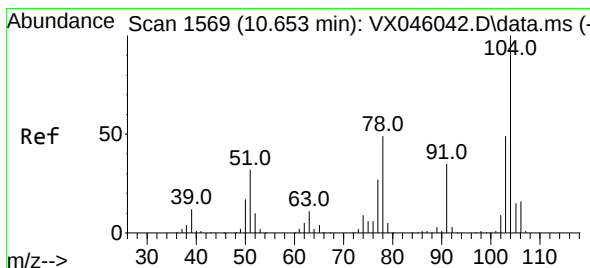
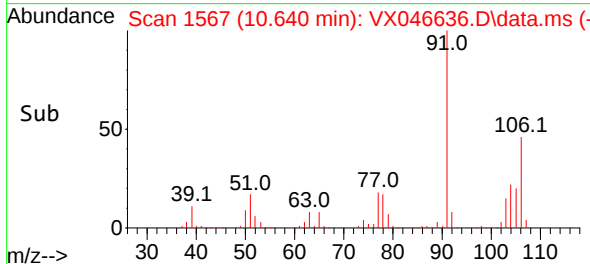
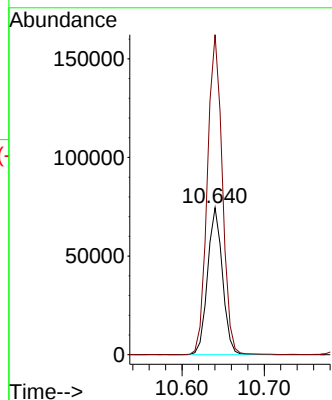
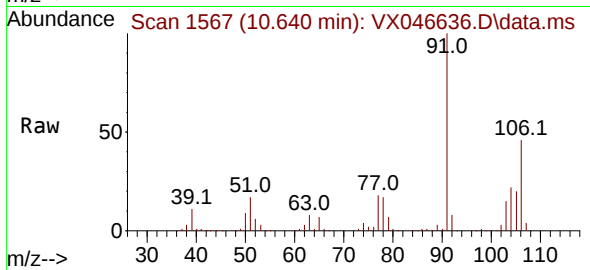
#69
o-Xylene
Concen: 54.541 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 93640
Ion Ratio Lower Upper
106 100
91 219.1 112.7 338.1

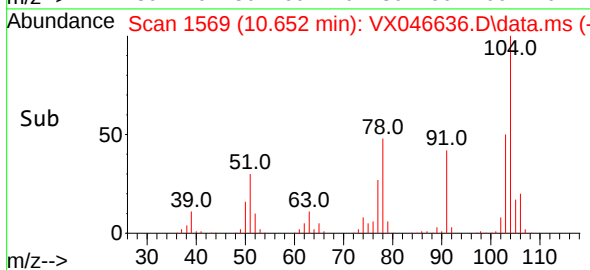
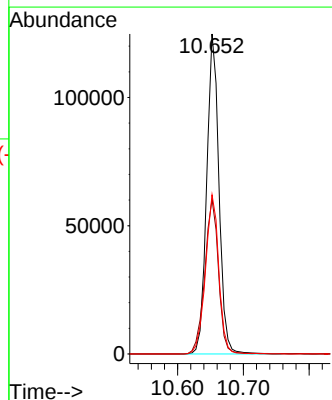
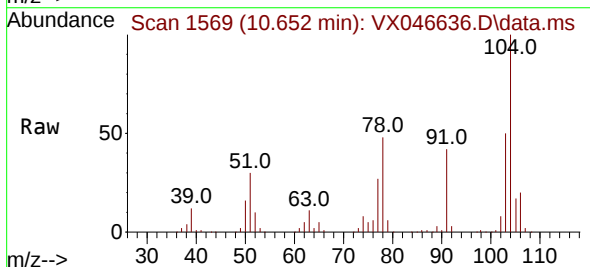
Manual Integrations
APPROVED

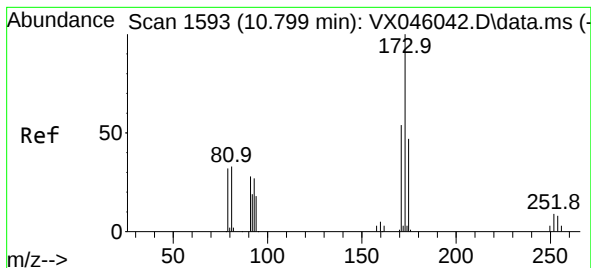
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#70
Styrene
Concen: 55.064 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion:104 Resp: 161841
Ion Ratio Lower Upper
104 100
78 54.0 45.7 68.5
103 54.3 43.7 65.5





#71

Bromoform

Concen: 54.781 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

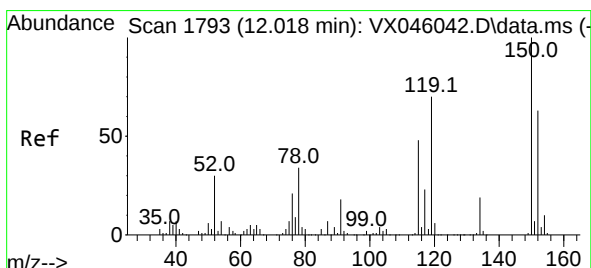
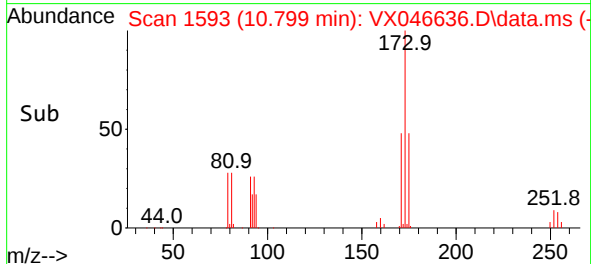
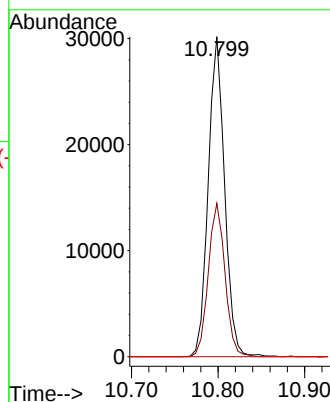
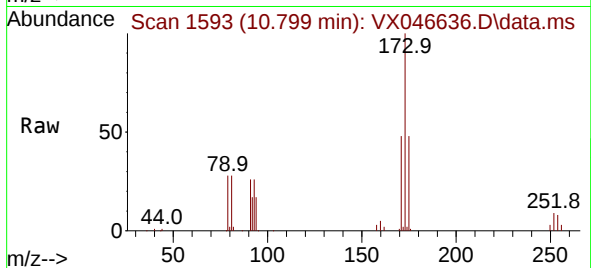
Tgt Ion:	173	Resp:	3956
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.4	70.0
254	0.0	0.0	0.0

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

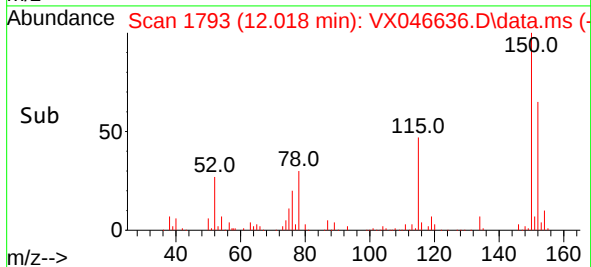
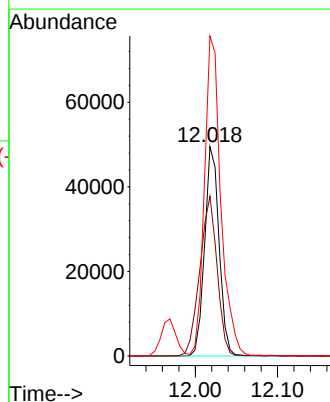
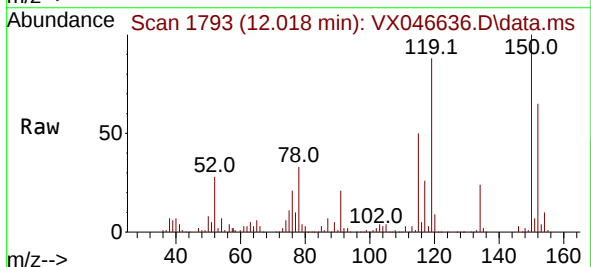
RT: 12.018 min Scan# 1793

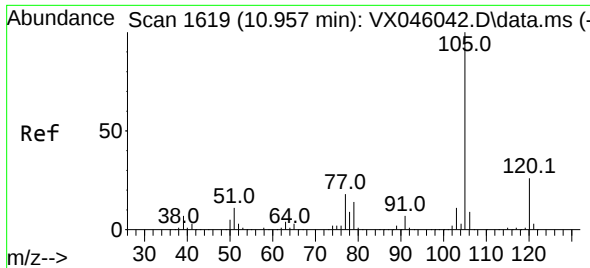
Delta R.T. -0.006 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Tgt Ion:	152	Resp:	60295
Ion Ratio	Lower	Upper	
152	100		
115	91.4	46.9	140.7
150	173.1	0.0	351.0





#73
Isopropylbenzene
Concen: 52.958 ug/l
RT: 10.963 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

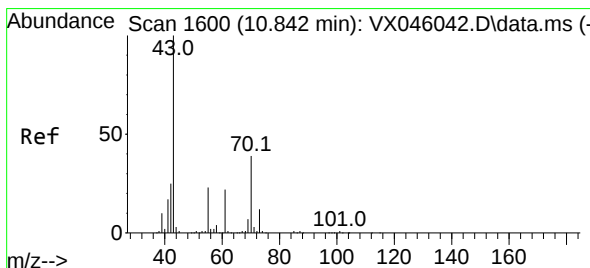
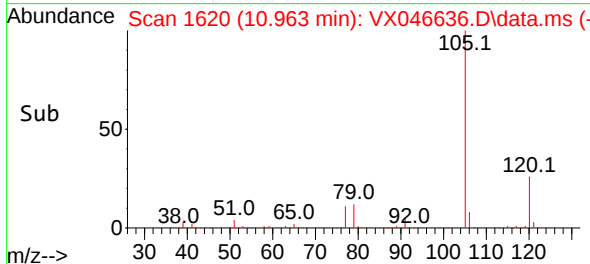
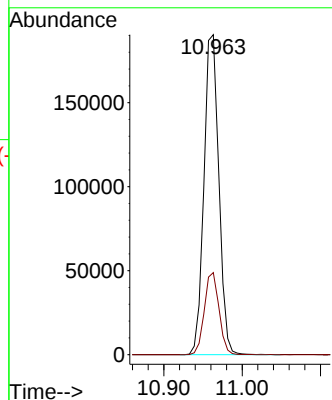
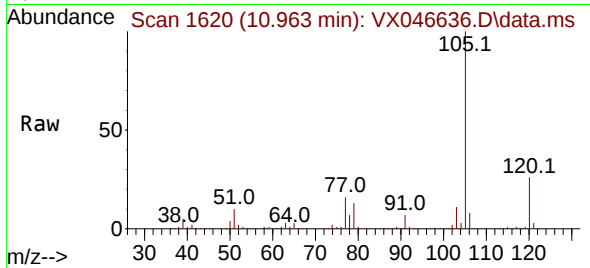
VSTDCCC050

Tgt Ion:105 Resp: 251010
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4

Manual Integrations

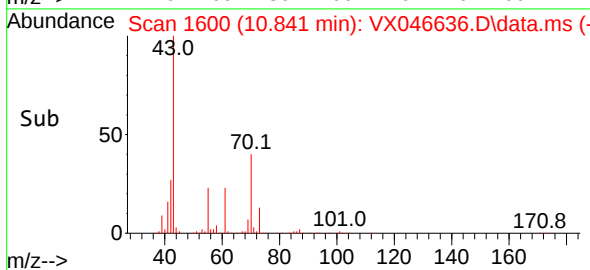
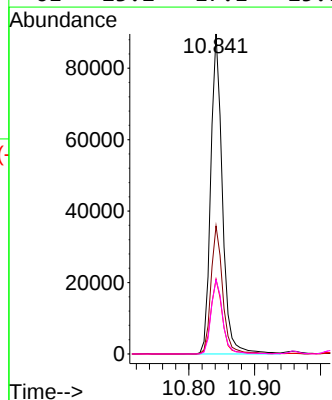
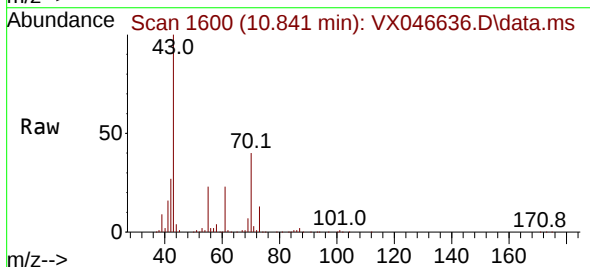
APPROVED

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



#74
N-ethyl acetate
Concen: 53.026 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 43 Resp: 110680
Ion Ratio Lower Upper
43 100
70 40.1 30.9 46.3
55 23.4 18.7 28.1
61 23.2 17.1 25.7





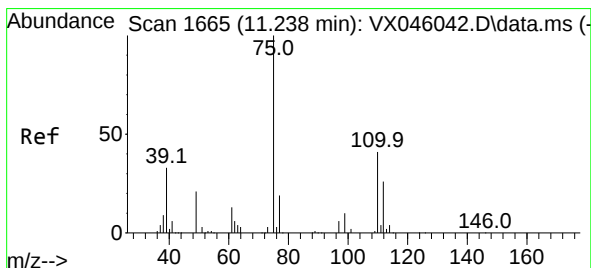
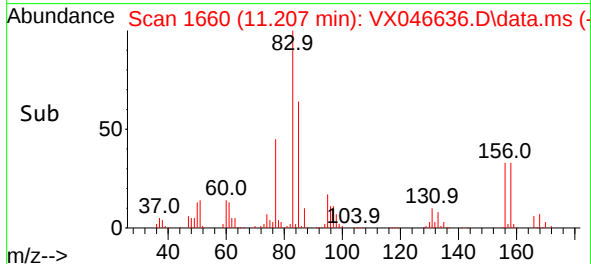
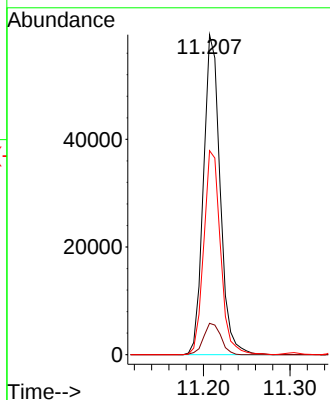
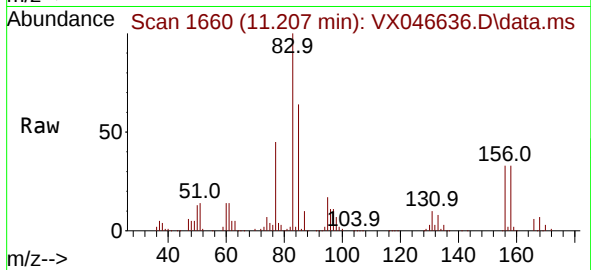
#75
1,1,2,2-Tetrachloroethane
Concen: 52.379 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 79460
Ion Ratio Lower Upper
83 100
131 10.2 5.0 14.9
85 64.1 31.9 95.7

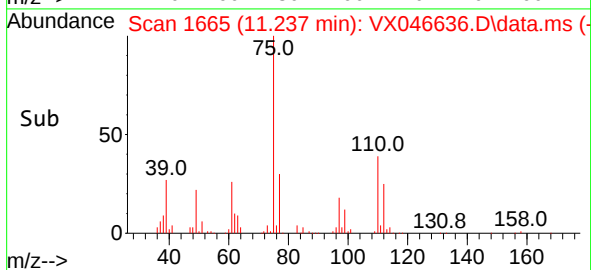
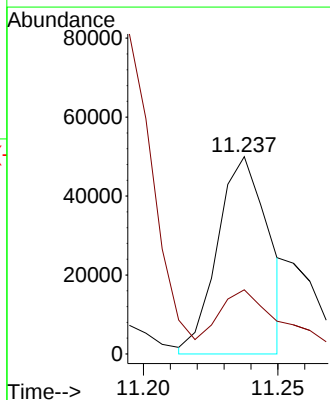
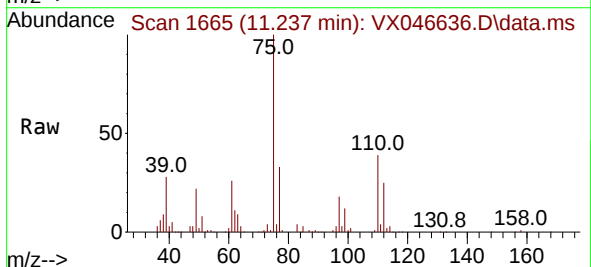
Manual Integrations
APPROVED

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



#76
1,2,3-Trichloropropane
Concen: 51.509 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.001 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 75 Resp: 65783
Ion Ratio Lower Upper
75 100
77 42.1 20.5 61.5





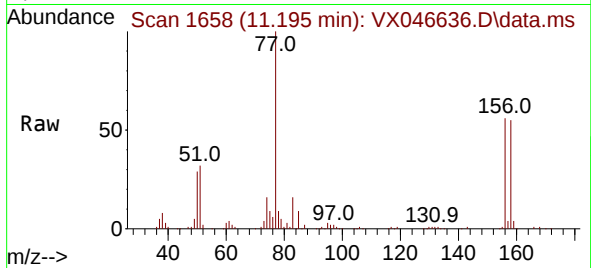
#77
Bromobenzene
Concen: 52.592 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



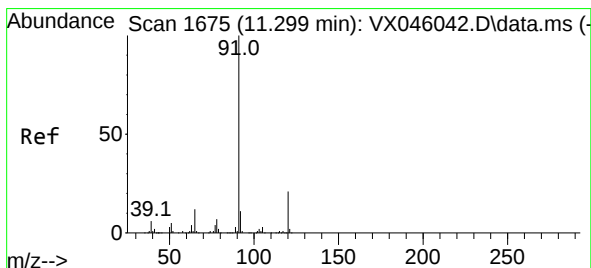
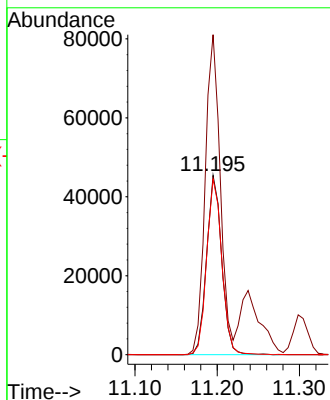
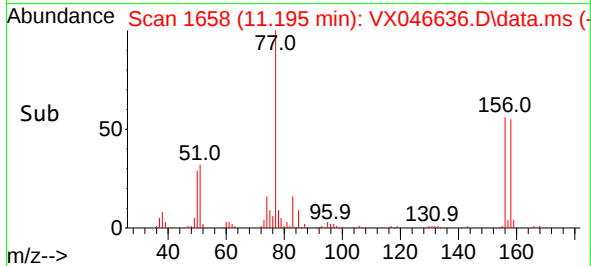
Tgt Ion:156 Resp: 57859
Ion Ratio Lower Upper
156 100
77 178.3 92.8 278.3
158 98.8 48.8 146.3

Manual Integrations

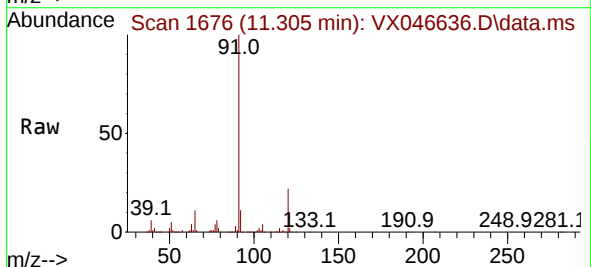
APPROVED

Reviewed By :John Carlone 06/12/2025

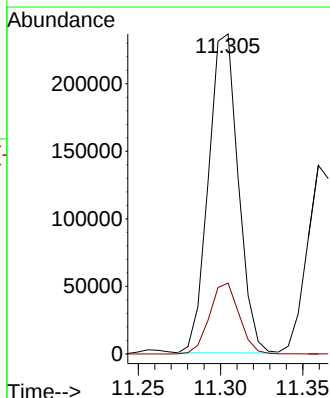
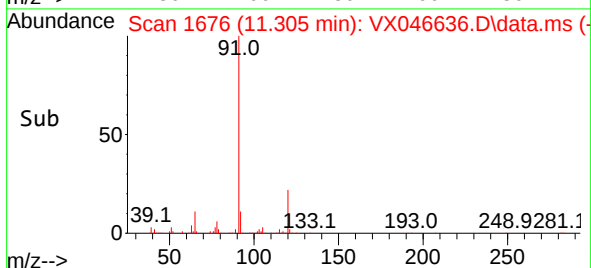
Supervised By :Mahesh Dadoda 06/12/2025

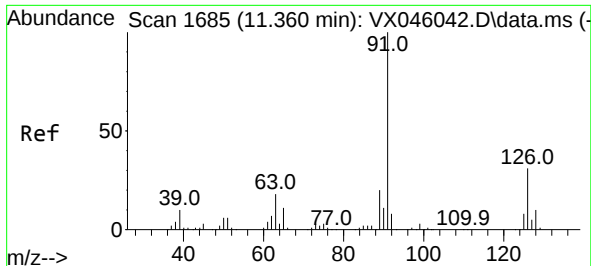


#78
n-propylbenzene
Concen: 51.885 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46



Tgt Ion: 91 Resp: 297656
Ion Ratio Lower Upper
91 100
120 22.0 10.8 32.4





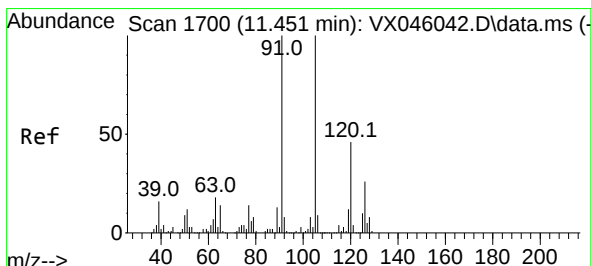
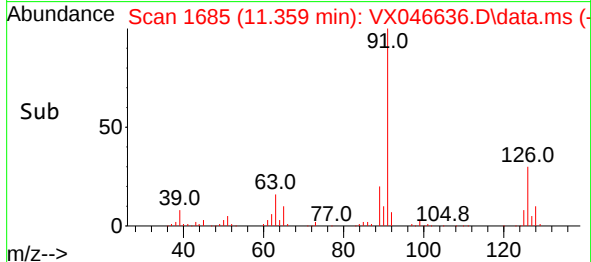
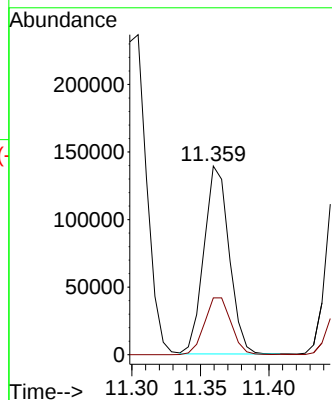
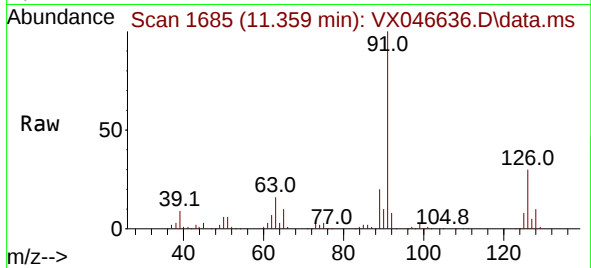
#79
2-Chlorotoluene
Concen: 51.487 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.007 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 17811
Ion Ratio Lower Upper
91 100
126 31.9 15.6 46.7

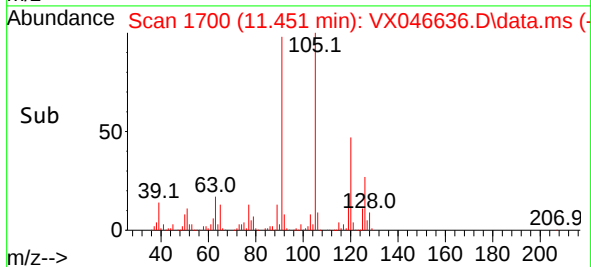
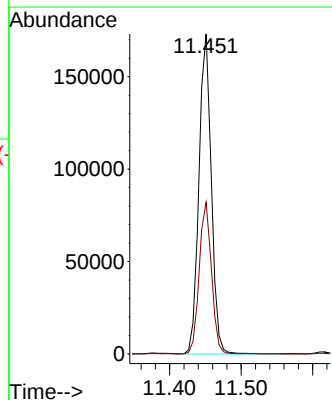
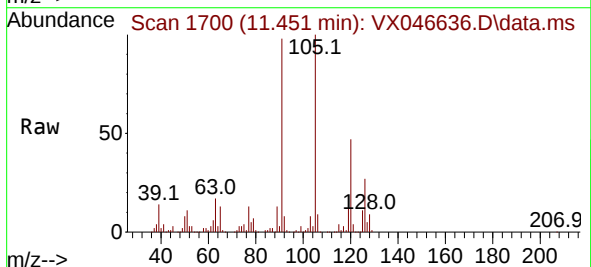
Manual Integrations
APPROVED

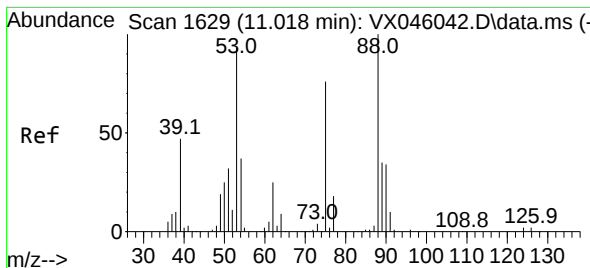
Reviewed By :John Carlone 06/12/2025
Supervised By :Mahesh Dadoda 06/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 52.565 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion:105 Resp: 207616
Ion Ratio Lower Upper
105 100
120 47.1 23.1 69.2





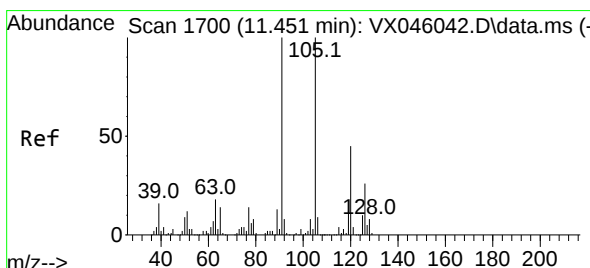
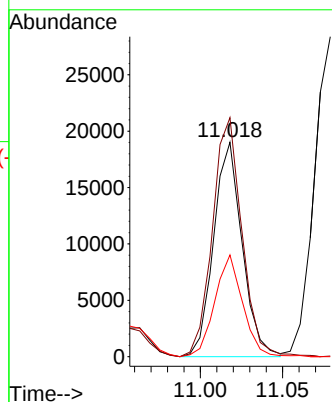
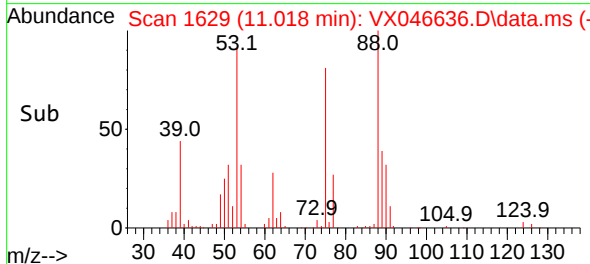
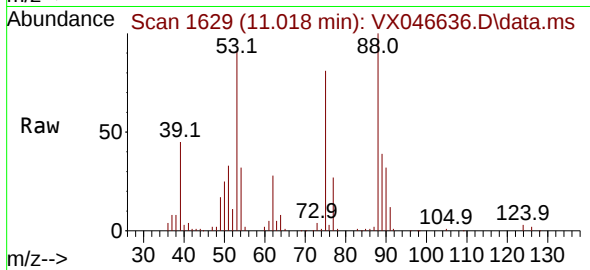
#81
trans-1,4-Dichloro-2-butene
Concen: 51.862 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2296
Ion Ratio Lower Upper
75 100
53 115.0 100.5 150.7
89 46.4 37.0 55.6

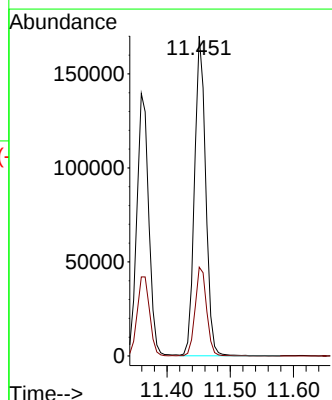
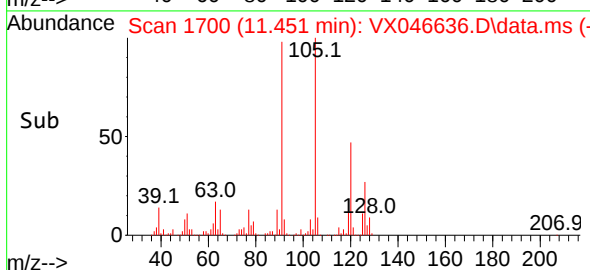
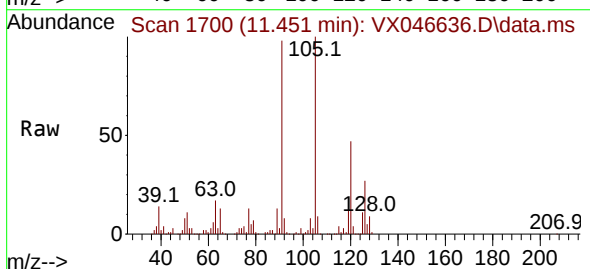
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 50.910 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

Tgt Ion: 91 Resp: 208757
Ion Ratio Lower Upper
91 100
126 28.6 13.3 39.8





#83

tert-Butylbenzene

Concen: 53.295 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 214284

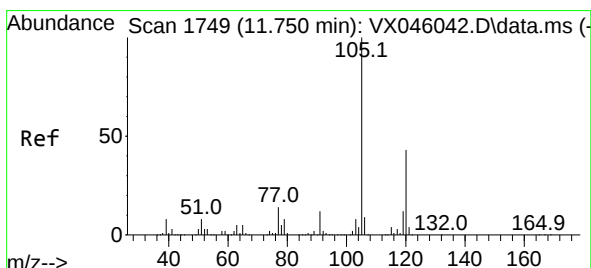
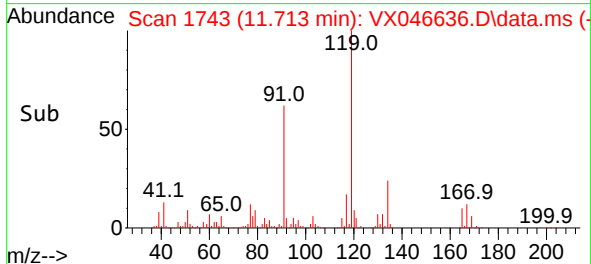
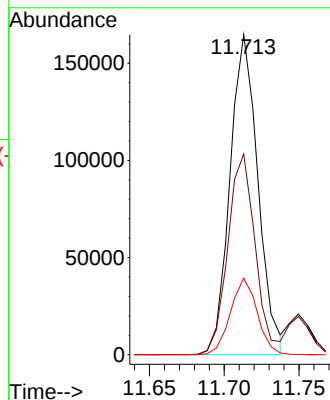
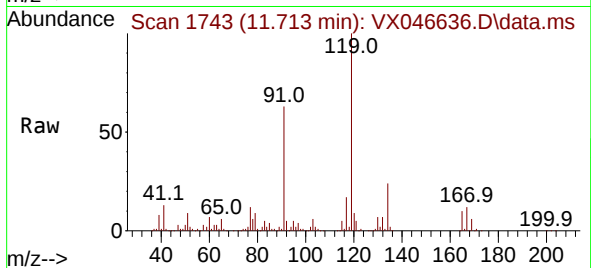
Ion	Ratio	Lower	Upper
119	100		
91	61.6	32.9	98.7
134	22.9	11.4	34.1

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: 52.454 ug/l

RT: 11.750 min Scan# 1749

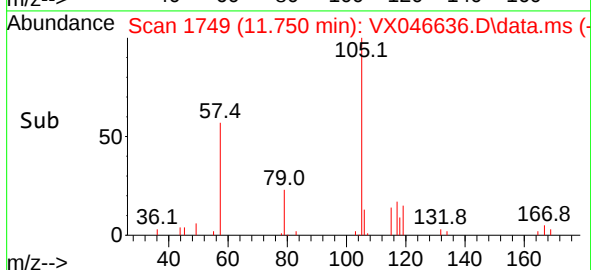
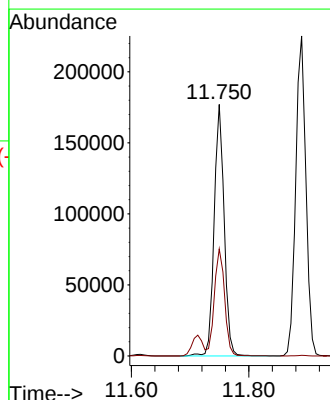
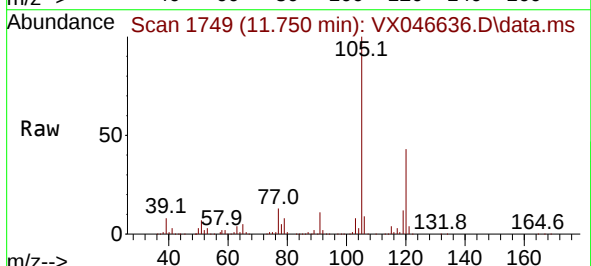
Delta R.T. -0.000 min

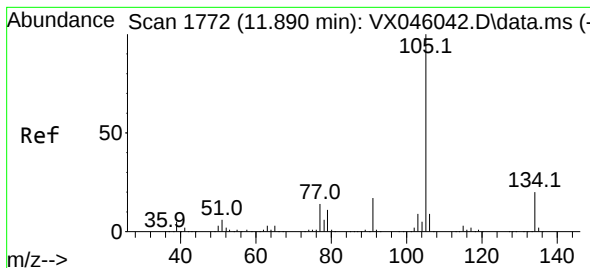
Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Tgt Ion:105 Resp: 209586

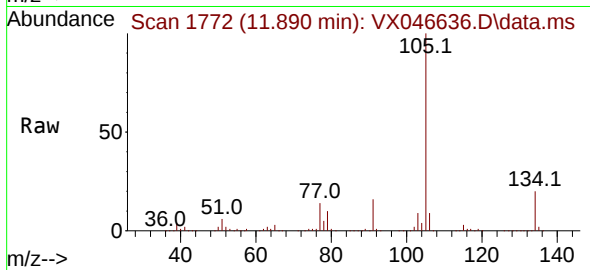
Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.2	63.6





#85
 sec-Butylbenzene
 Concen: 52.573 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046636.D
 Acq: 11 Jun 2025 14:46

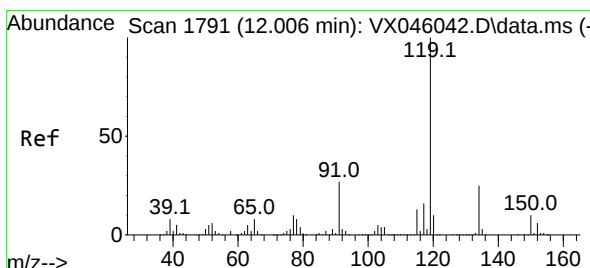
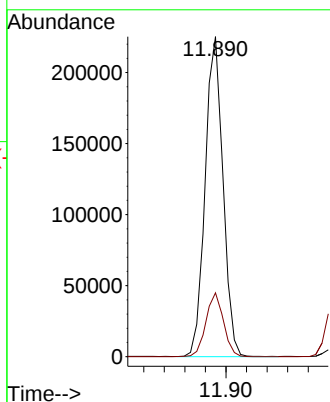
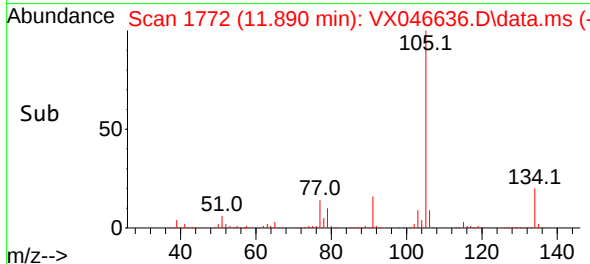
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



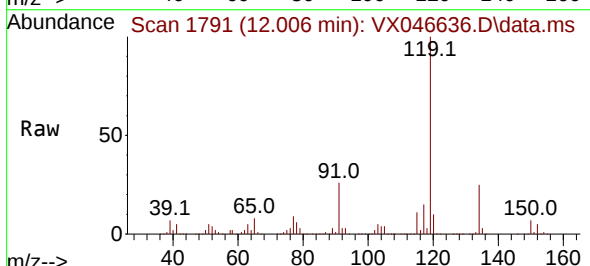
Tgt Ion:105 Resp: 27160
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 29.1

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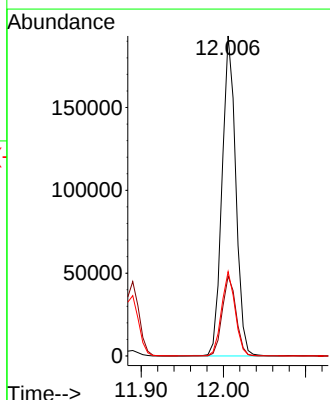
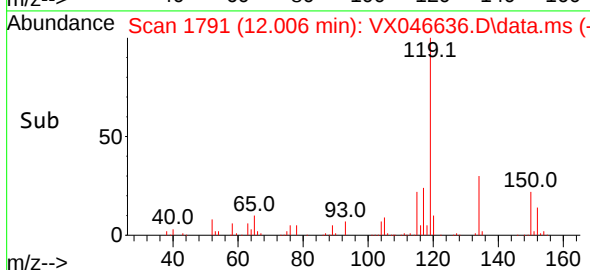
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

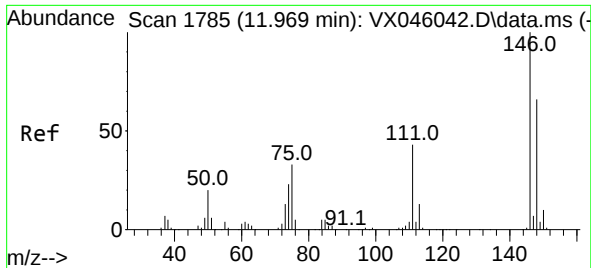


#86
 p-Isopropyltoluene
 Concen: 52.107 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046636.D
 Acq: 11 Jun 2025 14:46



Tgt Ion:119 Resp: 224421
 Ion Ratio Lower Upper
 119 100
 134 25.0 12.5 37.5
 91 26.2 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 52.221 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 11156

Ion Ratio Lower Upper

146 100

111 43.0 22.1 66.3

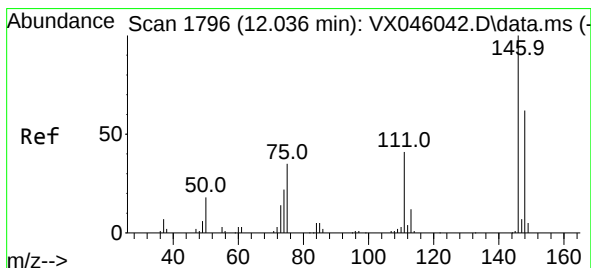
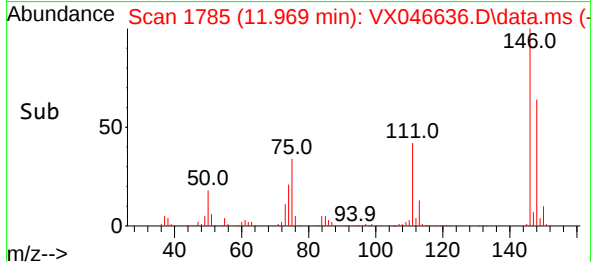
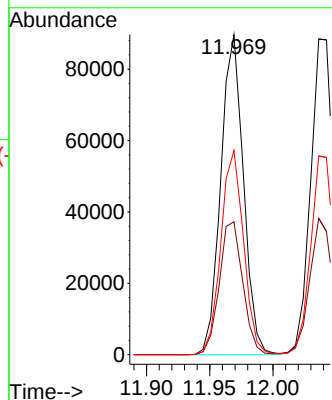
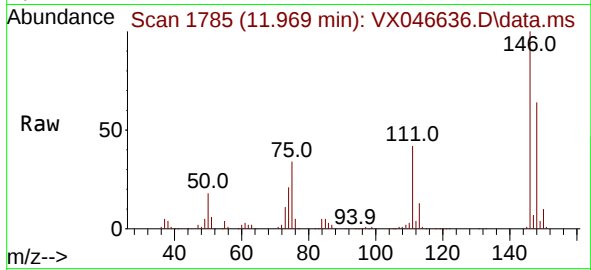
148 64.0 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/12/2025

Supervised By :Mahesh Dadoda 06/12/2025



#88

1,4-Dichlorobenzene

Concen: 51.383 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VX046636.D

Acq: 11 Jun 2025 14:46

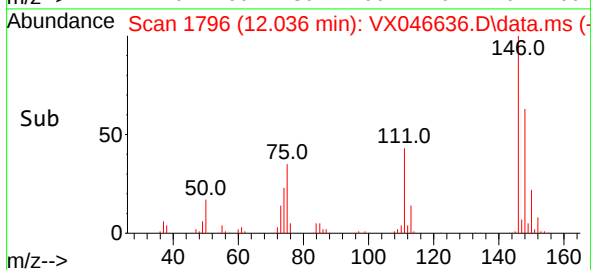
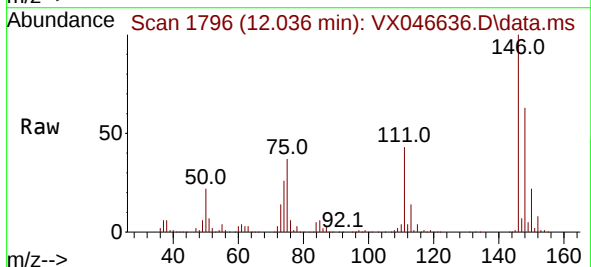
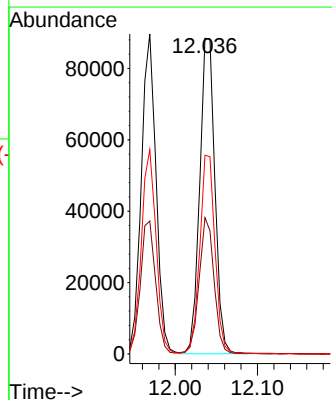
Tgt Ion:146 Resp: 113744

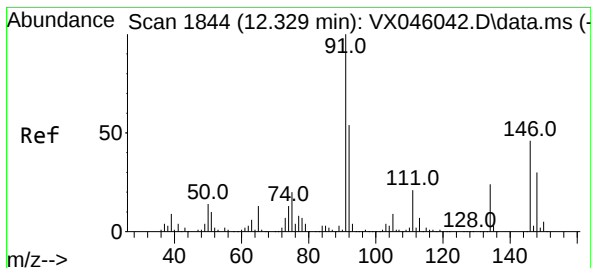
Ion Ratio Lower Upper

146 100

111 42.3 21.3 63.9

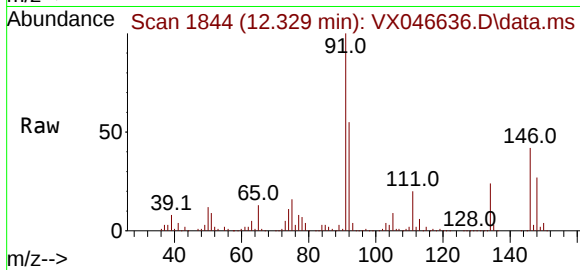
148 63.2 31.9 95.5





#89
n-Butylbenzene
Concen: 50.742 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

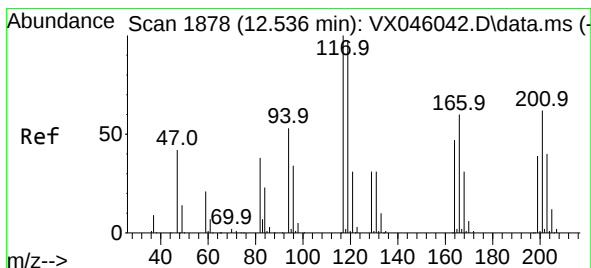
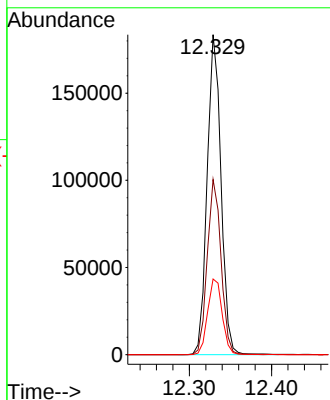
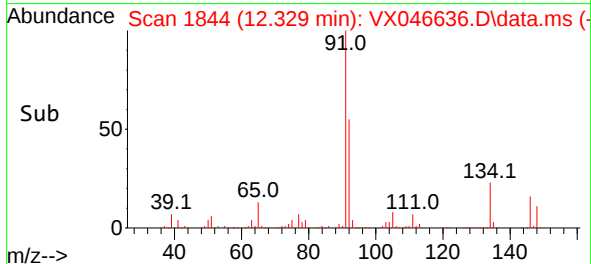
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 21461
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 24.9 11.8 35.3

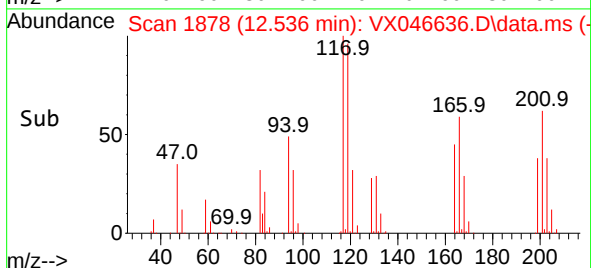
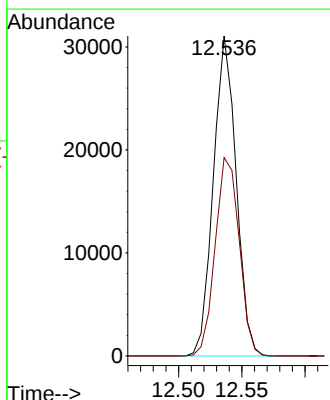
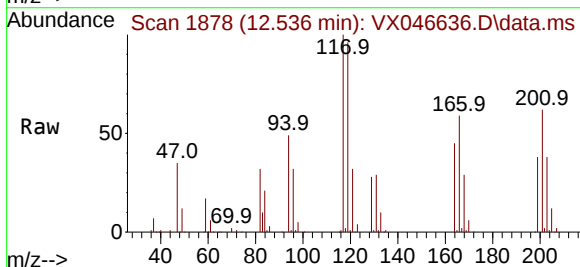
Manual Integrations
APPROVED

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



#90
Hexachloroethane
Concen: 50.802 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

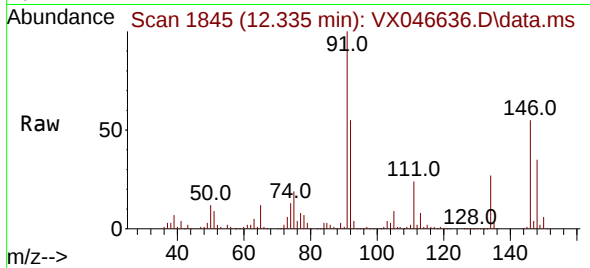
Tgt Ion:117 Resp: 38889
Ion Ratio Lower Upper
117 100
201 65.4 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 52.399 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

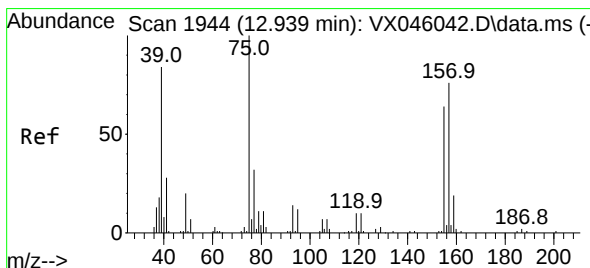
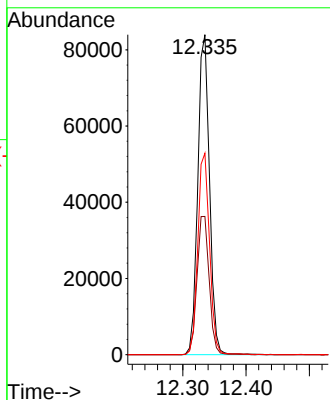
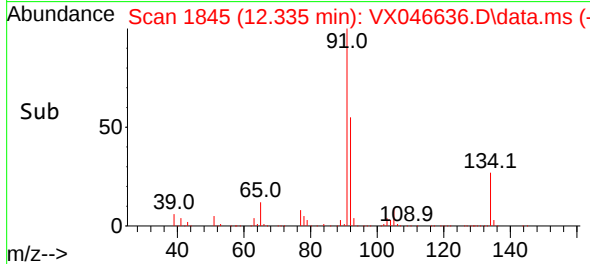
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 10805
Ion Ratio Lower Upper
146 100
111 45.0 22.4 67.3
148 63.5 31.6 94.8

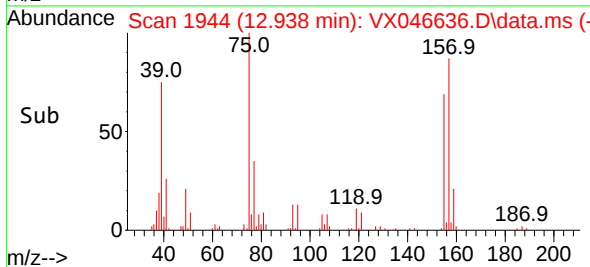
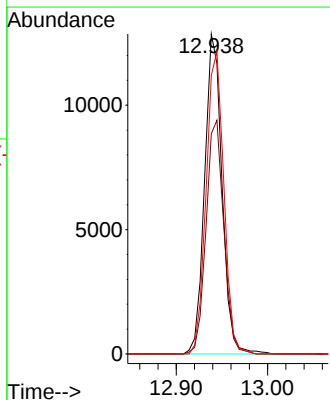
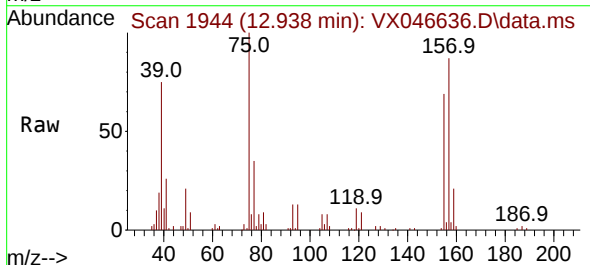
Manual Integrations
APPROVED

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



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.901 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

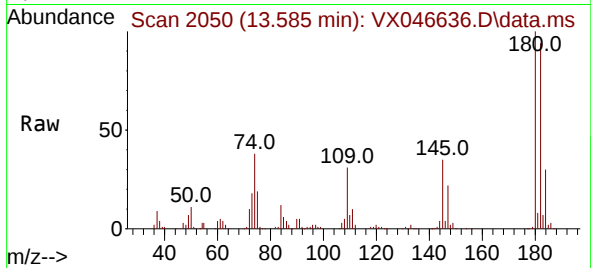
Tgt Ion: 75 Resp: 16953
Ion Ratio Lower Upper
75 100
155 74.4 34.9 104.8
157 95.7 43.8 131.4





#93
 1,2,4-Trichlorobenzene
 Concen: 52.453 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX046636.D
 Acq: 11 Jun 2025 14:46

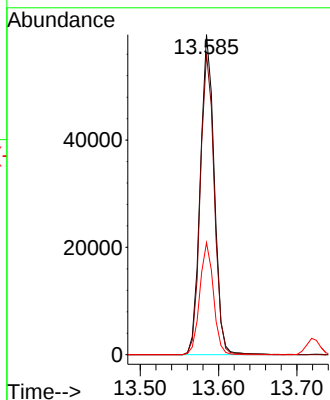
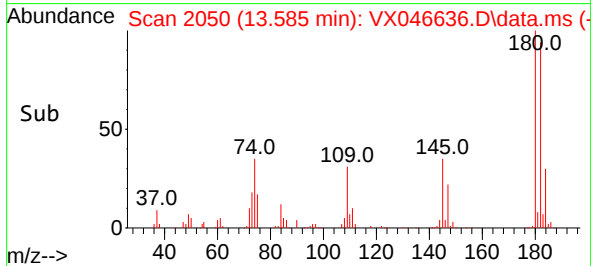
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



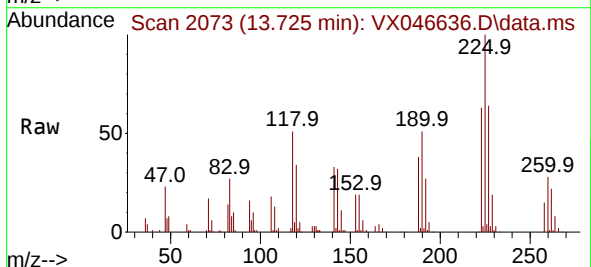
Tgt Ion:180 Resp: 73780
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.9 143.8
 145 34.1 17.1 51.2

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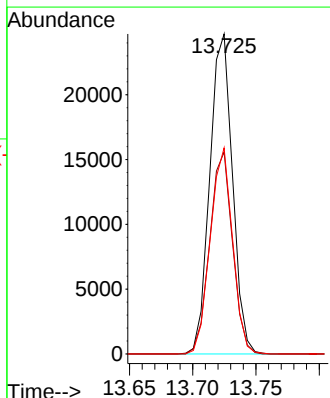
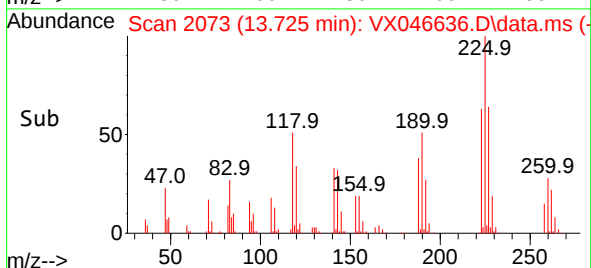
Reviewed By :John Carlone 06/12/2025
 Supervised By :Mahesh Dadoda 06/12/2025

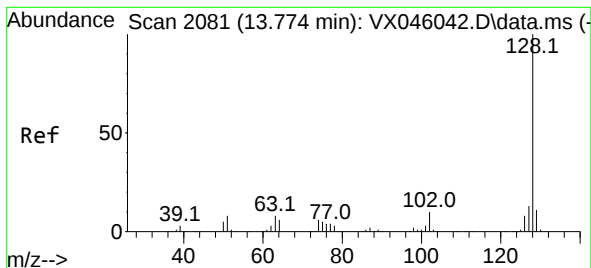


#94
 Hexachlorobutadiene
 Concen: 47.005 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. -0.000 min
 Lab File: VX046636.D
 Acq: 11 Jun 2025 14:46



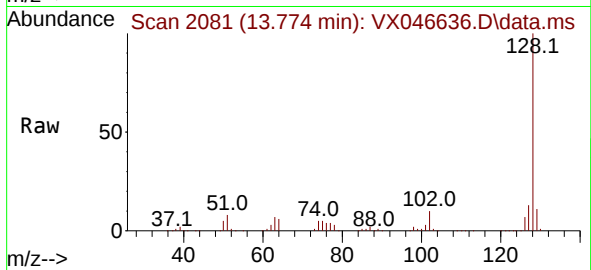
Tgt Ion:225 Resp: 30729
 Ion Ratio Lower Upper
 225 100
 223 63.5 30.8 92.4
 227 63.4 30.9 92.7





#95
Naphthalene
Concen: 53.781 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46

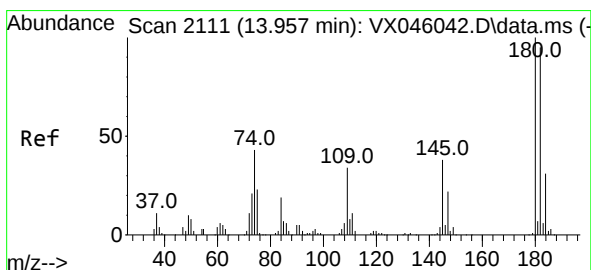
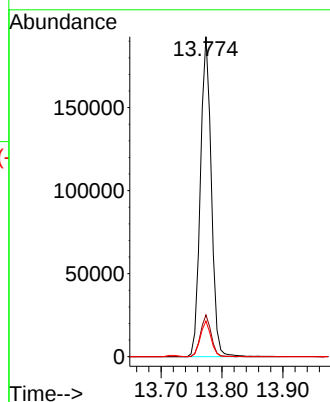
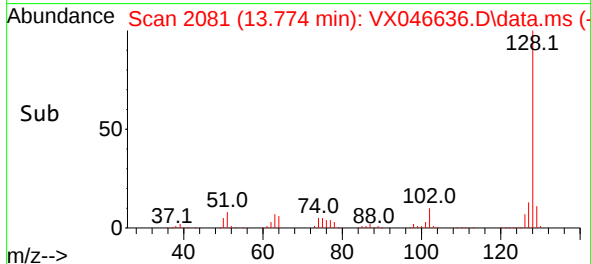
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



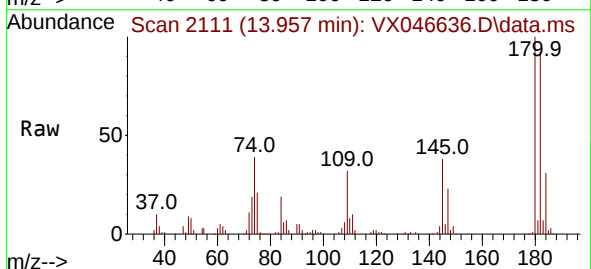
Tgt Ion:128 Resp: 239917
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 51.057 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.001 min
Lab File: VX046636.D
Acq: 11 Jun 2025 14:46



Tgt Ion:180 Resp: 72019
Ion Ratio Lower Upper
180 100
182 94.6 47.8 143.3
145 35.7 18.1 54.3

