

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050925\
 Data File : VX046102.D
 Acq On : 09 May 2025 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2025
 Supervised By : Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	90819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	154646	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	135275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83904	49.555	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.100%		
35) Dibromofluoromethane	5.379	113	58232	52.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.580%		
50) Toluene-d8	8.641	98	197959	51.360	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.720%		
62) 4-Bromofluorobenzene	11.079	95	76110	51.479	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	70327	50.593	ug/l	99
3) Chloromethane	1.307	50	64874	48.126	ug/l	99
4) Vinyl Chloride	1.374	62	58467	46.603	ug/l	100
5) Bromomethane	1.593	94	26052	44.771	ug/l	98
6) Chloroethane	1.666	64	31251	46.661	ug/l	97
7) Trichlorofluoromethane	1.874	101	87272	47.069	ug/l	97
8) Diethyl Ether	2.130	74	27804	44.051	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	52929	46.128	ug/l	99
10) Methyl Iodide	2.447	142	61952	45.630	ug/l	99
11) Tert butyl alcohol	2.977	59	51554	216.916	ug/l	100
12) 1,1-Dichloroethene	2.312	96	48200	44.759	ug/l	97
13) Acrolein	2.233	56	95346	352.264	ug/l	98
14) Allyl chloride	2.654	41	97537	47.391	ug/l	98
15) Acrylonitrile	3.062	53	155424	228.700	ug/l	98
16) Acetone	2.380	43	151168	222.674	ug/l	100
17) Carbon Disulfide	2.501	76	119490	46.802	ug/l	99
18) Methyl Acetate	2.703	43	73470	46.637	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	174356	46.181	ug/l	98
20) Methylene Chloride	2.782	84	56204	43.202	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	48550	44.830	ug/l	98
22) Diisopropyl ether	3.757	45	183349	46.119	ug/l	97
23) Vinyl Acetate	3.715	43	819744	234.437	ug/l	99
24) 1,1-Dichloroethane	3.605	63	102333	46.215	ug/l	99
25) 2-Butanone	4.550	43	224557	227.842	ug/l	100
26) 2,2-Dichloropropane	4.465	77	79815	46.052	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	59523	45.656	ug/l	99
28) Bromochloromethane	4.885	49	52743	49.484	ug/l	99
29) Tetrahydrofuran	5.001	42	139063	225.170	ug/l	99
30) Chloroform	5.086	83	106204	46.016	ug/l	97
31) Cyclohexane	5.458	56	90103	44.654	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	92916	46.442	ug/l	99
36) 1,1-Dichloropropene	5.684	75	67721	45.260	ug/l	98
37) Ethyl Acetate	4.708	43	85521	46.262	ug/l	99
38) Carbon Tetrachloride	5.666	117	79494	47.285	ug/l	99
39) Methylcyclohexane	7.373	83	87280	45.310	ug/l	95
40) Benzene	6.025	78	203956	46.537	ug/l	100

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Quant Time: May 09 23:13:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	47525	49.145	ug/l	97
42) 1,2-Dichloroethane	6.080	62	88615	46.849	ug/l	100
43) Isopropyl Acetate	6.336	43	133527	47.347	ug/l	99
44) Trichloroethene	7.117	130	50158	47.551	ug/l	95
45) 1,2-Dichloropropane	7.421	63	52345	48.033	ug/l	99
46) Dibromomethane	7.574	93	40032	46.575	ug/l	99
47) Bromodichloromethane	7.811	83	83005	49.032	ug/l	98
48) Methyl methacrylate	7.690	41	69338	48.142	ug/l	99
49) 1,4-Dioxane	7.659	88	25409	929.126	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	442789	236.533	ug/l	99
52) Toluene	8.714	92	126108	46.926	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	73479	48.832	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	82288	49.479	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	48739	45.996	ug/l	97
56) Ethyl methacrylate	9.110	69	81826	48.451	ug/l	99
57) 1,3-Dichloropropane	9.305	76	86269	45.332	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	227616	264.363	ug/l	99
59) 2-Hexanone	9.427	43	327764	236.658	ug/l	99
60) Dibromochloromethane	9.519	129	58018	49.855	ug/l	99
61) 1,2-Dibromoethane	9.604	107	51865	47.092	ug/l	99
64) Tetrachloroethene	9.269	164	44313	46.298	ug/l	97
65) Chlorobenzene	10.073	112	133595	45.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	47203	46.688	ug/l	99
67) Ethyl Benzene	10.189	91	245866	47.108	ug/l	100
68) m/p-Xylenes	10.299	106	178978	93.761	ug/l	98
69) o-Xylene	10.640	106	86732	46.606	ug/l	97
70) Styrene	10.652	104	146931	48.198	ug/l	99
71) Bromoform	10.799	173	36439	48.005	ug/l #	97
73) Isopropylbenzene	10.957	105	236631	47.056	ug/l	99
74) N-amyl acetate	10.841	43	117355	47.227	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	78192	44.371	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	68877m	44.300	ug/l	
77) Bromobenzene	11.195	156	53064	45.451	ug/l	99
78) n-propylbenzene	11.299	91	273944	46.851	ug/l	100
79) 2-Chlorotoluene	11.360	91	169747	45.009	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	197809	47.084	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.012	75	21533	45.090	ug/l	98
82) 4-Chlorotoluene	11.451	91	195179	46.667	ug/l	99
83) tert-Butylbenzene	11.713	119	194507	45.963	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	200678	47.169	ug/l	99
85) sec-Butylbenzene	11.890	105	245530	47.255	ug/l	100
86) p-Isopropyltoluene	12.006	119	204887	47.772	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	97397	45.711	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	97674	44.887	ug/l	99
89) n-Butylbenzene	12.329	91	184440	49.026	ug/l	99
90) Hexachloroethane	12.536	117	35733	47.291	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	97200	45.460	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19088	48.894	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	57281	46.643	ug/l	98
94) Hexachlorobutadiene	13.725	225	25977	48.433	ug/l	98
95) Naphthalene	13.774	128	204290	45.356	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	57889	45.684	ug/l	99

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ClientSampleId :
VSTDCCC050

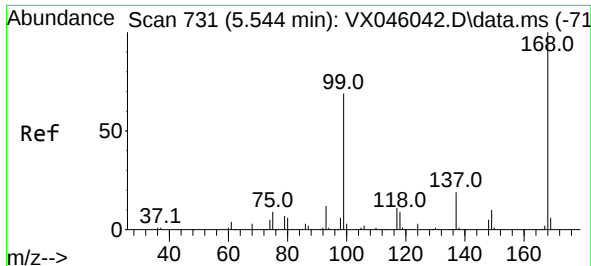
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/12/2025

Quant Time: May 09 23:13:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

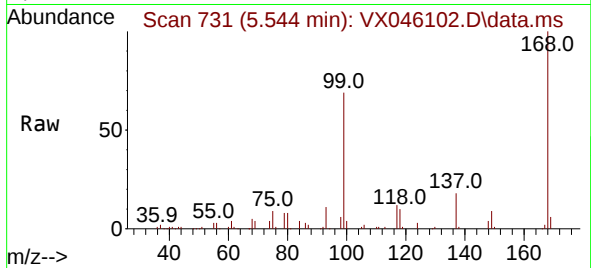
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046102.D
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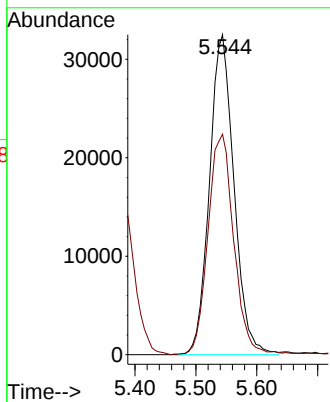
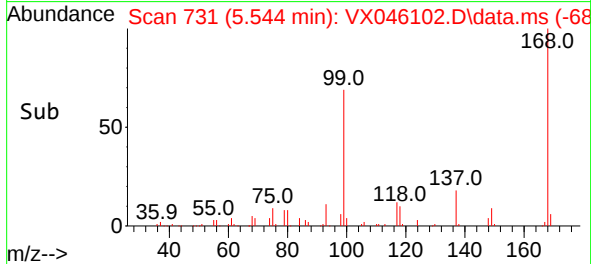
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 90819
Ion Ratio Lower Upper
168 100
99 68.7 54.9 82.3

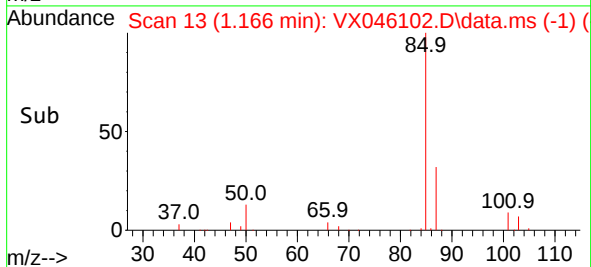
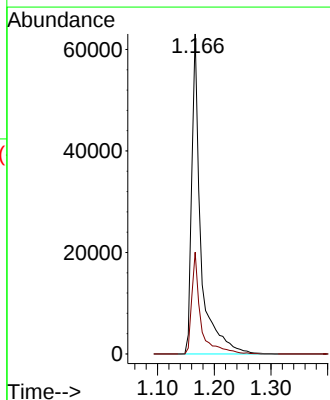
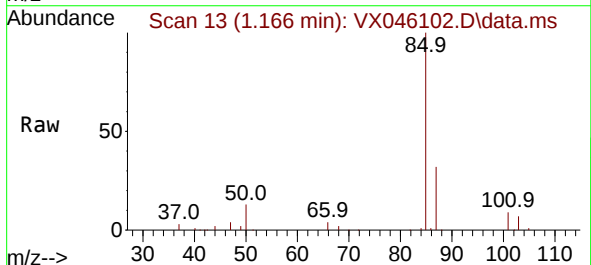
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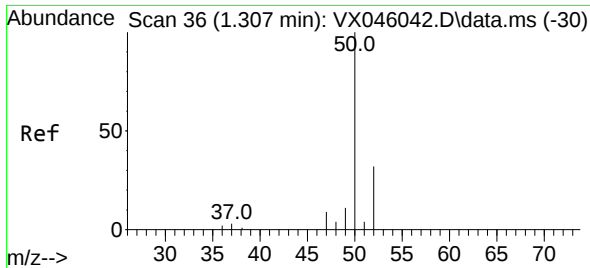
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#2
Dichlorodifluoromethane
Concen: 50.593 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 85 Resp: 70327
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





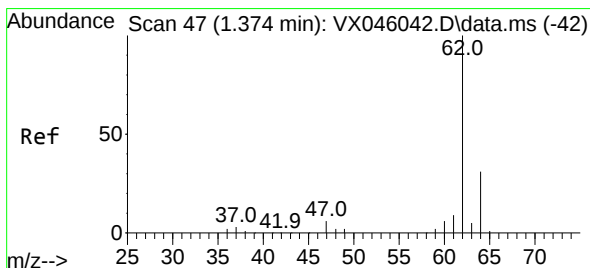
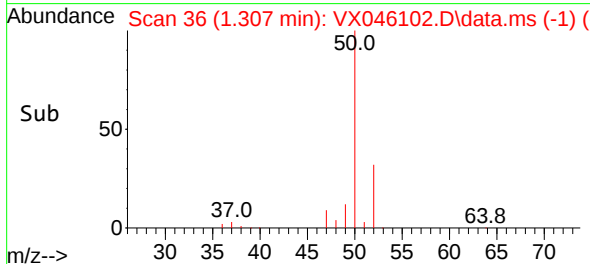
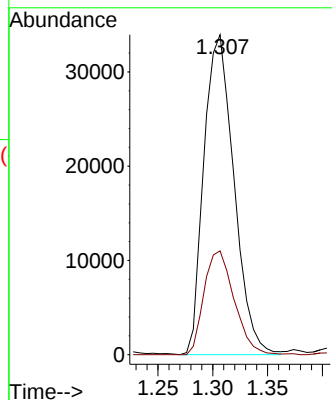
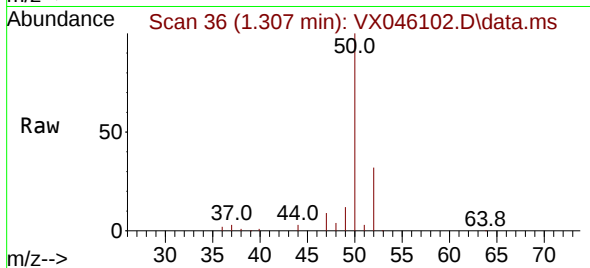
#3
Chloromethane
Concen: 48.126 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 64874
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2

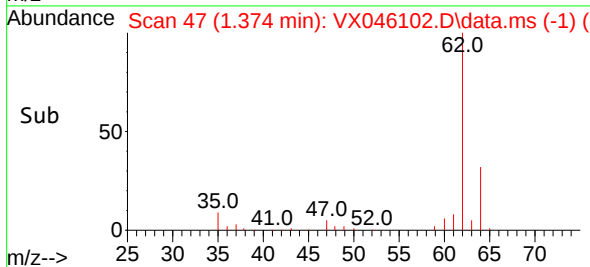
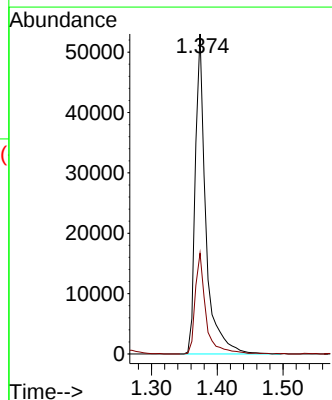
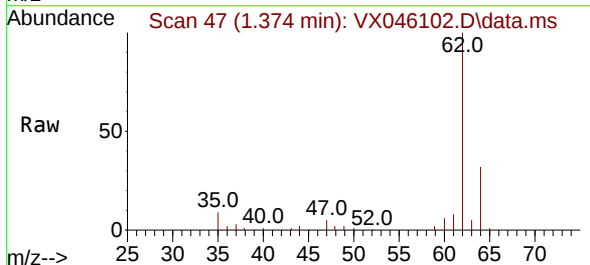
Manual Integrations
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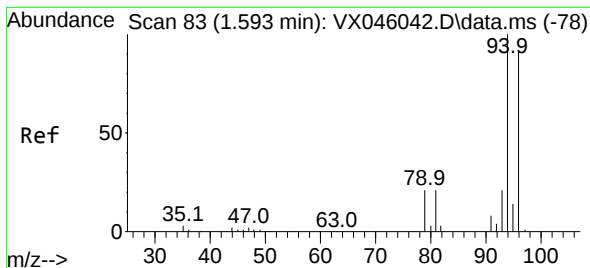
Reviewed By :John Carlone 05/12/2025
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#4
Vinyl Chloride
Concen: 46.603 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

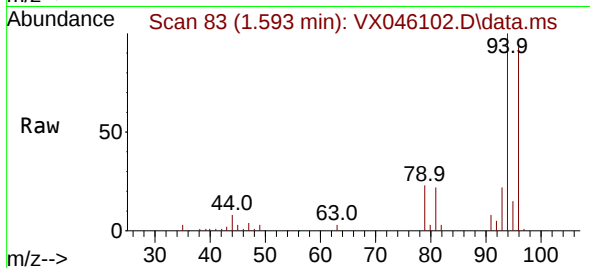
Tgt Ion: 62 Resp: 58467
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8





#5
Bromomethane
Concen: 44.771 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

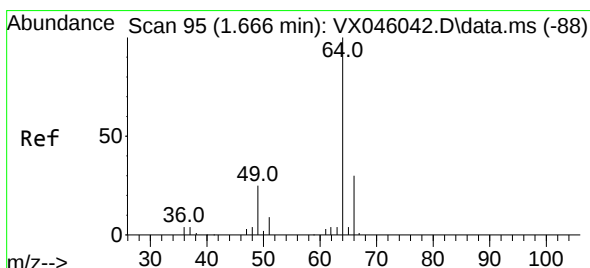
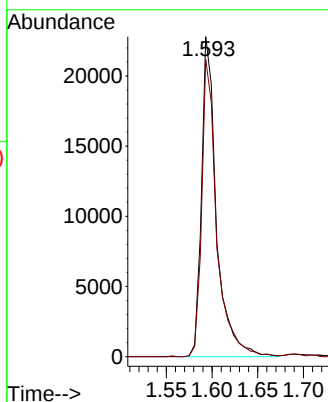
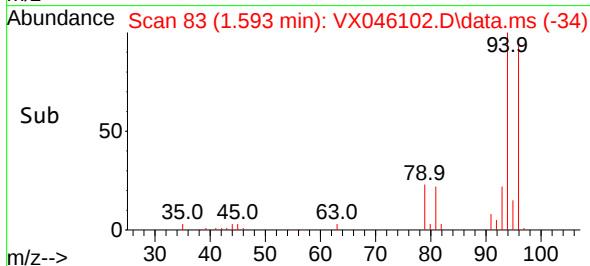
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion: 94 Resp: 26052
Ion Ratio Lower Upper
94 100
96 92.9 72.8 109.2

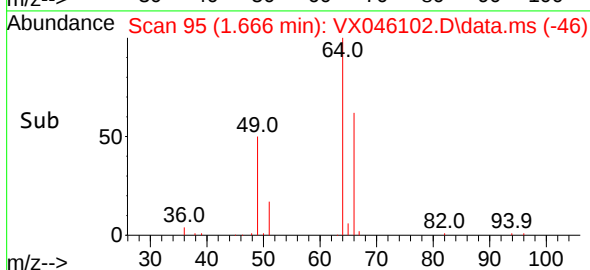
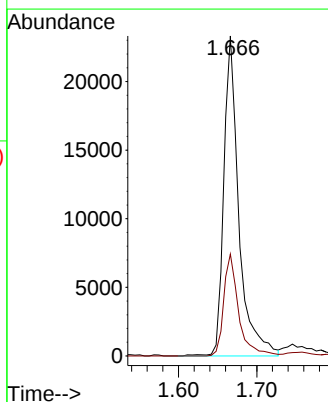
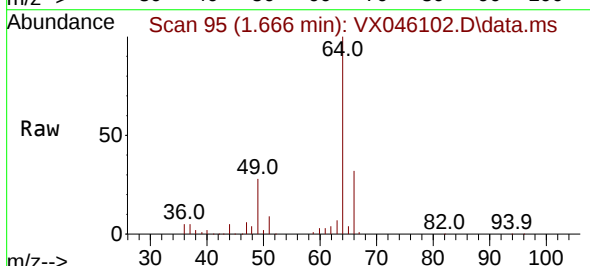
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#6
Chloroethane
Concen: 46.661 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

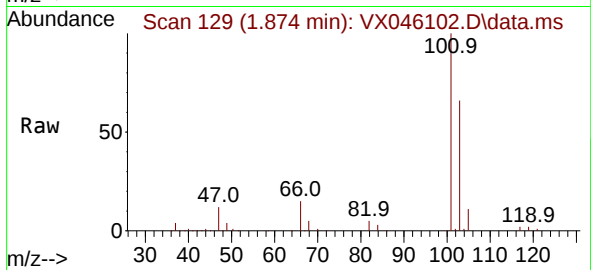
Tgt Ion: 64 Resp: 31251
Ion Ratio Lower Upper
64 100
66 31.8 24.3 36.5





#7
Trichlorofluoromethane
Concen: 47.069 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

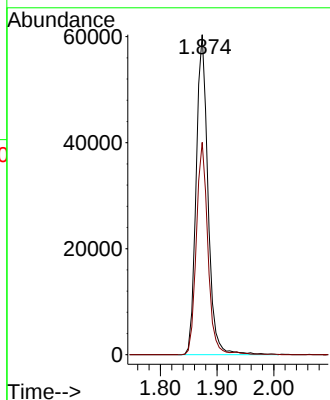
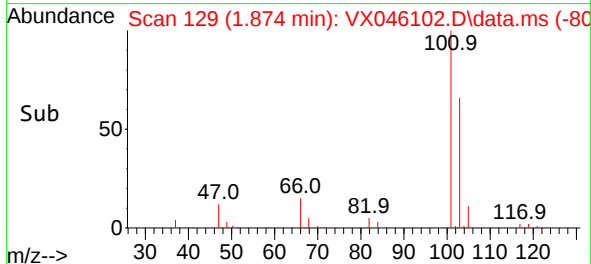
Instrument :
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ClientSampleId :
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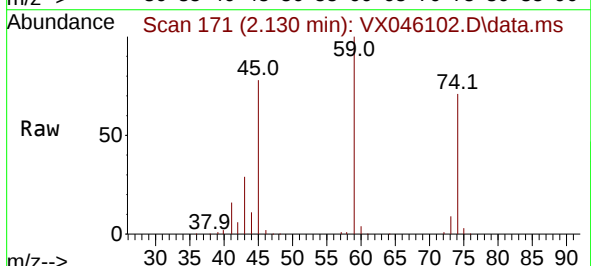
Tgt Ion:101 Resp: 87272
Ion Ratio Lower Upper
101 100
103 66.3 51.0 76.4

Manual Integrations
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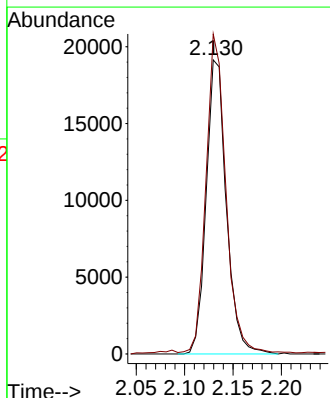
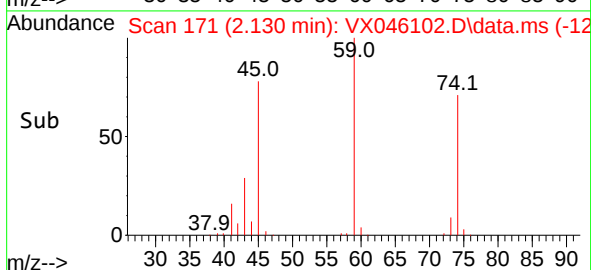
Reviewed By :John Carlone 05/12/2025
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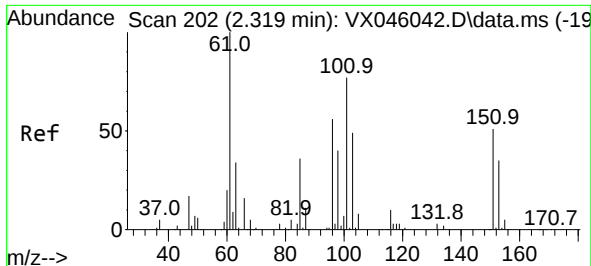


#8
Diethyl Ether
Concen: 44.051 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



Tgt Ion: 74 Resp: 27804
Ion Ratio Lower Upper
74 100
45 106.4 54.9 164.8





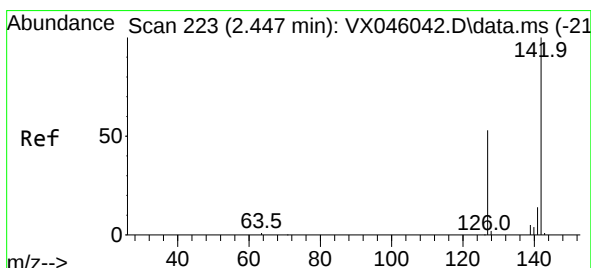
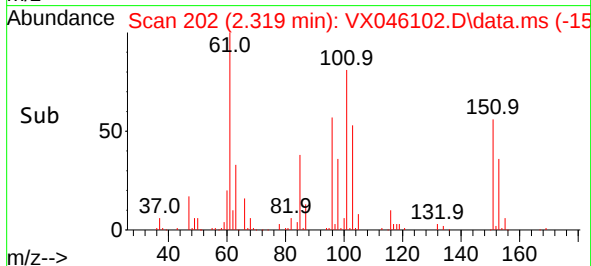
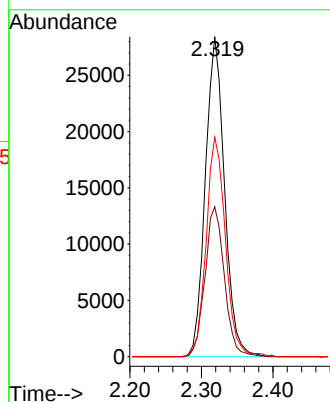
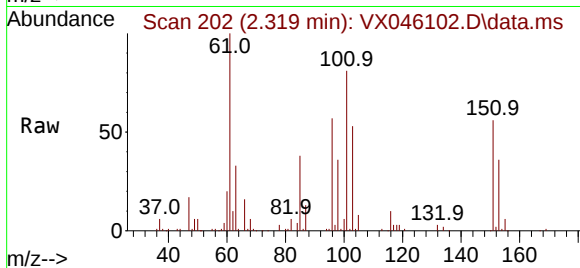
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.128 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

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Tgt Ion:101 Resp: 52929
Ion Ratio Lower Upper
101 100
85 47.5 38.6 58.0
151 69.2 55.2 82.8

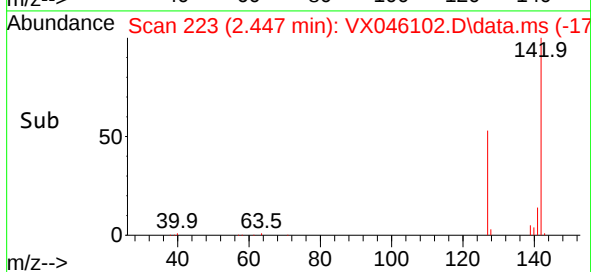
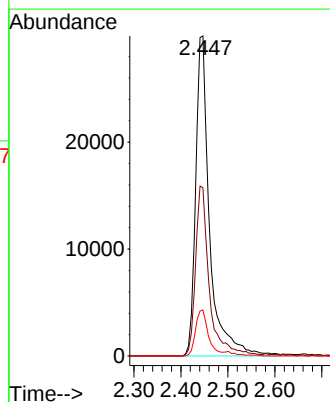
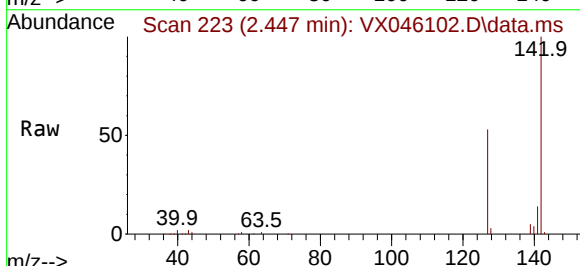
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#10
Methyl Iodide
Concen: 45.630 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

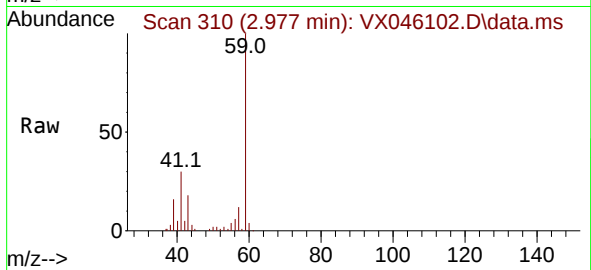
Tgt Ion:142 Resp: 61952
Ion Ratio Lower Upper
142 100
127 52.5 41.7 62.5
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 216.916 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

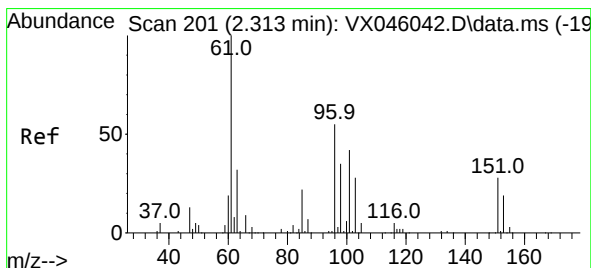
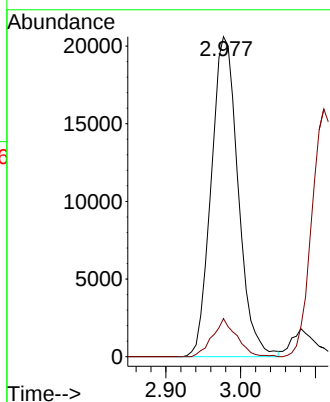
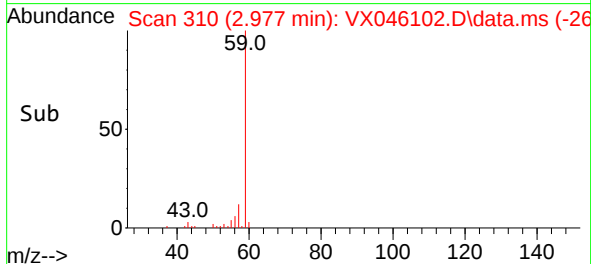
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



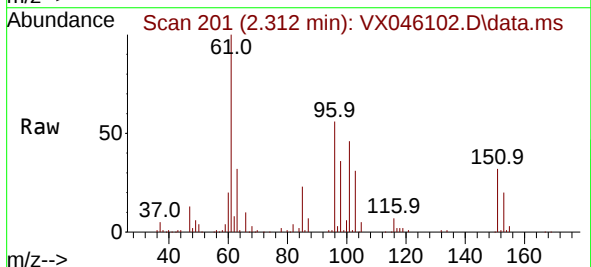
Tgt Ion: 59 Resp: 51554
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
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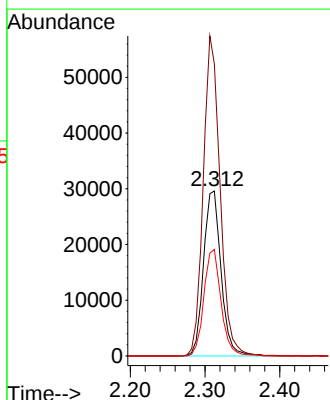
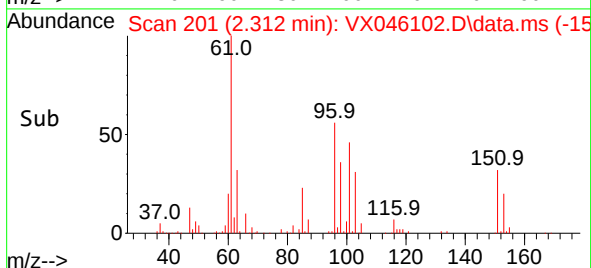
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#12
1,1-Dichloroethene
Concen: 44.759 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



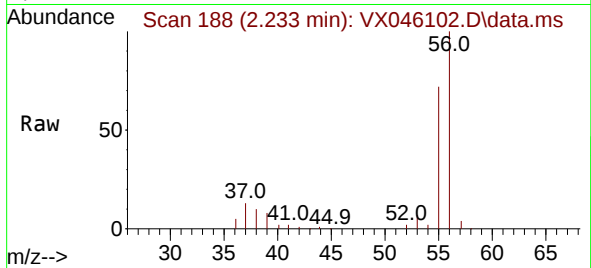
Tgt Ion: 96 Resp: 48200
Ion Ratio Lower Upper
96 100
61 177.0 146.2 219.2
98 64.6 51.0 76.6





#13
Acrolein
Concen: 352.264 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

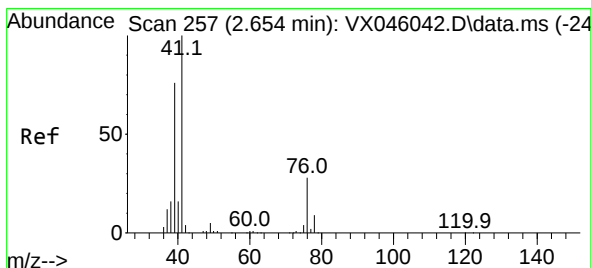
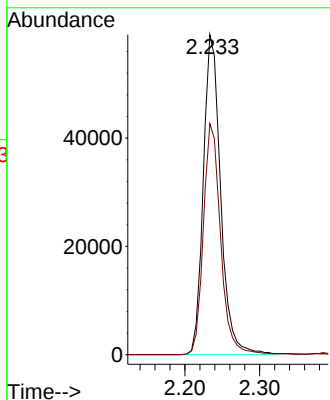
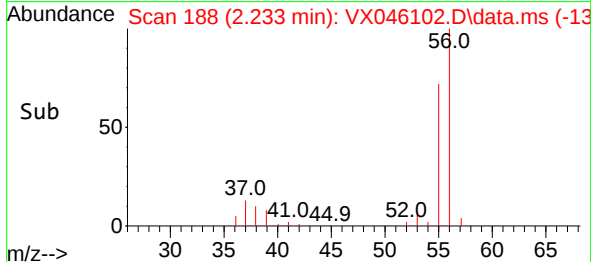
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 95340
Ion Ratio Lower Upper
56 100
55 71.9 56.2 84.4

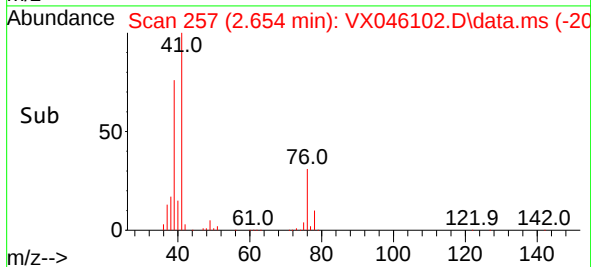
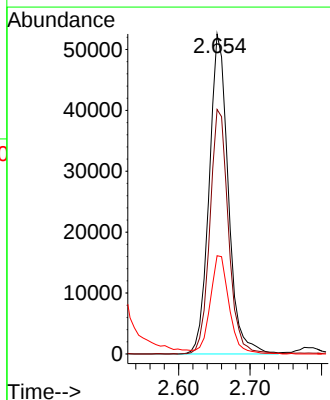
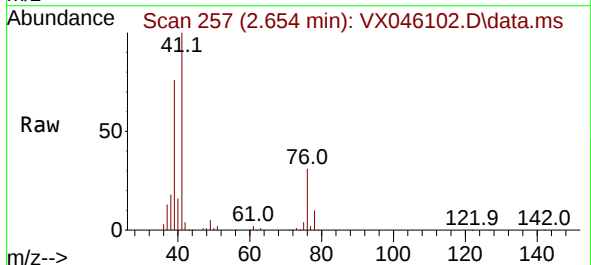
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#14
Allyl chloride
Concen: 47.391 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

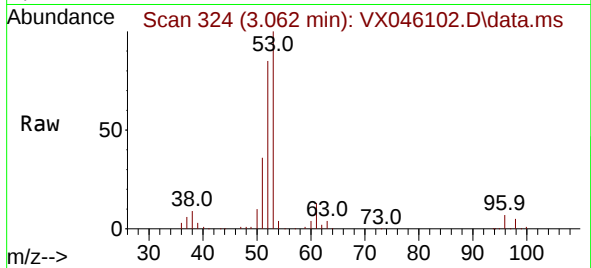
Tgt Ion: 41 Resp: 97537
Ion Ratio Lower Upper
41 100
39 74.2 60.6 90.8
76 30.4 24.9 37.3





#15
Acrylonitrile
Concen: 228.700 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

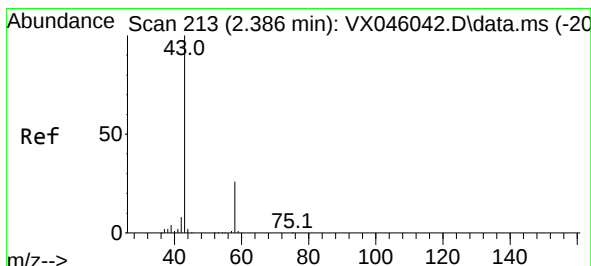
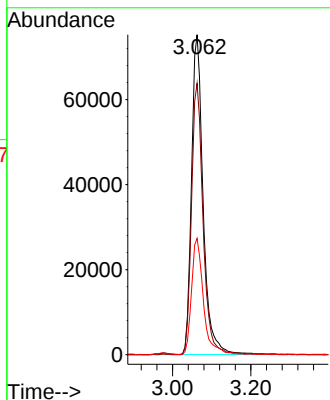
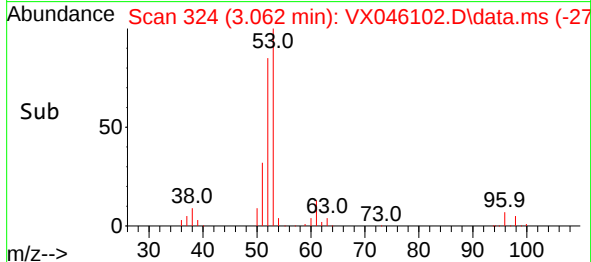
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 155424
Ion Ratio Lower Upper
53 100
52 84.6 65.3 97.9
51 37.4 29.8 44.8

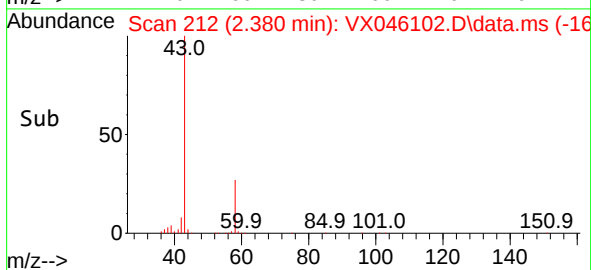
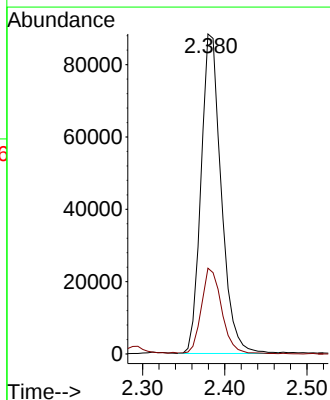
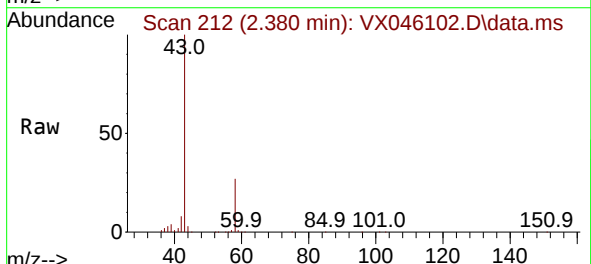
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#16
Acetone
Concen: 222.674 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

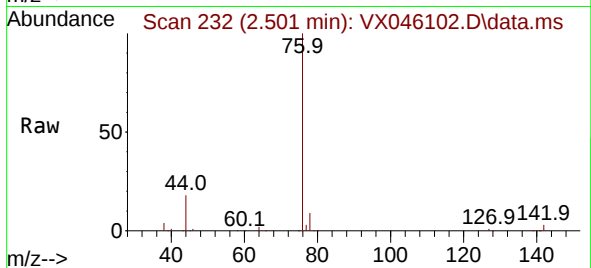
Tgt Ion: 43 Resp: 151168
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8





#17
Carbon Disulfide
Concen: 46.802 ug/l
RT: 2.501 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

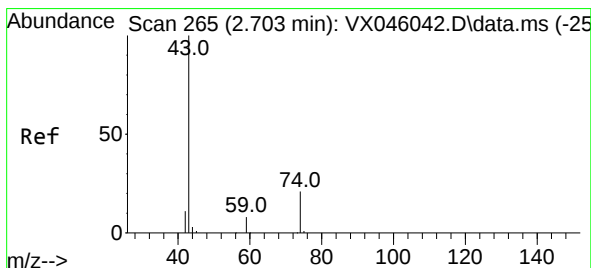
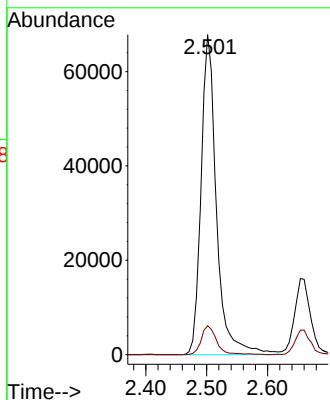
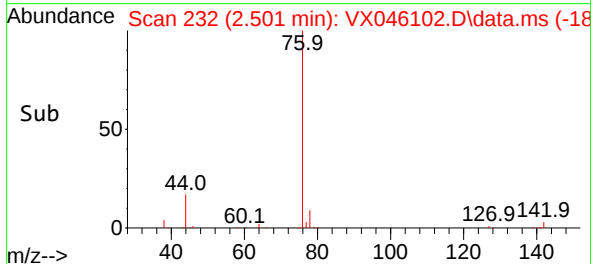
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



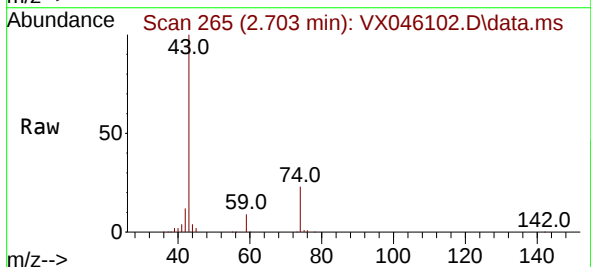
Tgt Ion: 76 Resp: 119490
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

Manual Integrations
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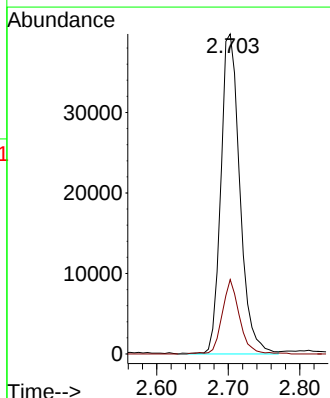
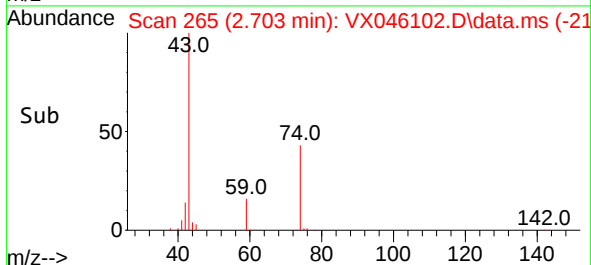
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

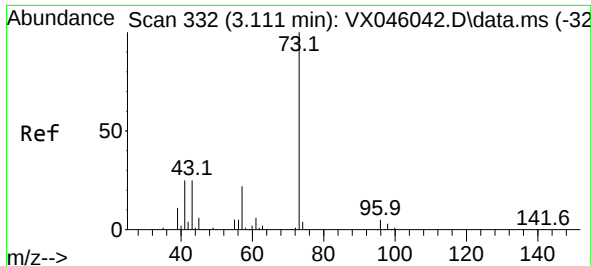


#18
Methyl Acetate
Concen: 46.637 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



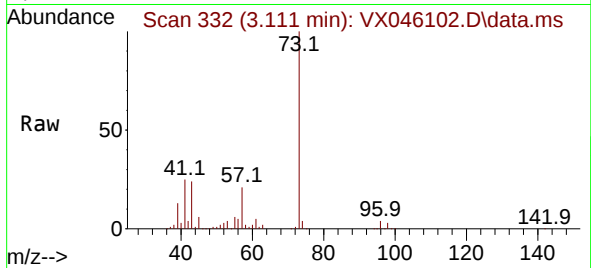
Tgt Ion: 43 Resp: 73470
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 46.181 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

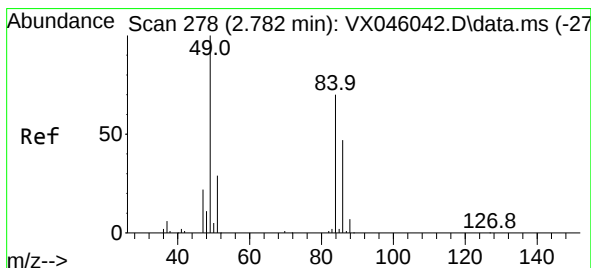
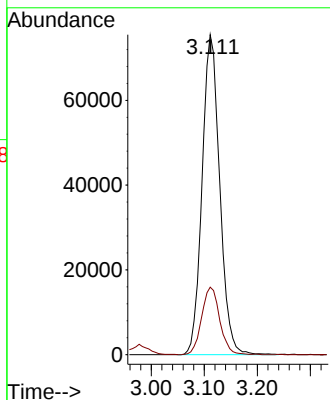
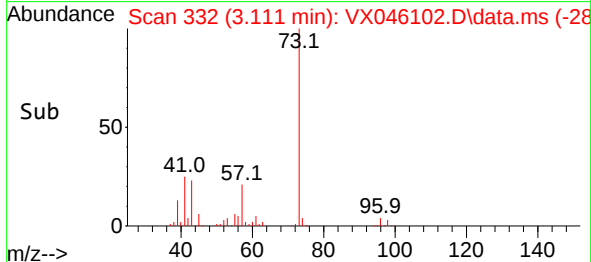
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 174350
Ion Ratio Lower Upper
73 100
57 21.1 17.7 26.5

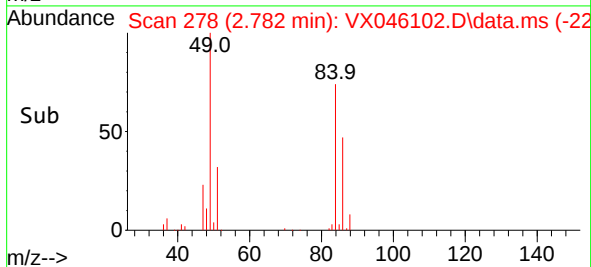
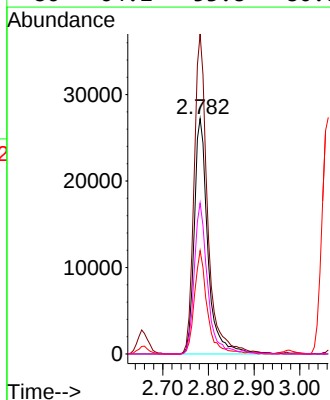
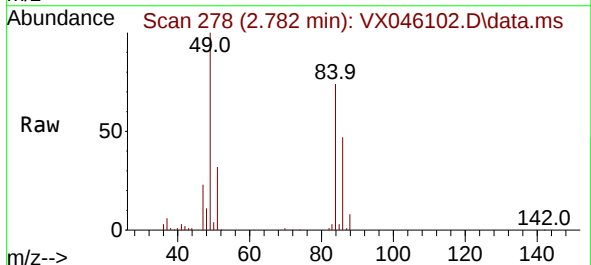
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#20
Methylene Chloride
Concen: 43.202 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

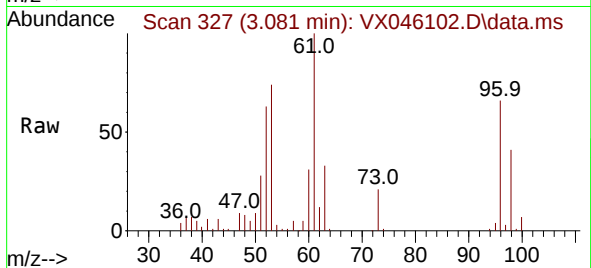
Tgt Ion: 84 Resp: 56204
Ion Ratio Lower Upper
84 100
49 135.9 113.9 170.9
51 43.9 33.5 50.3
86 64.2 53.8 80.8





#21
trans-1,2-Dichloroethene
Concen: 44.830 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

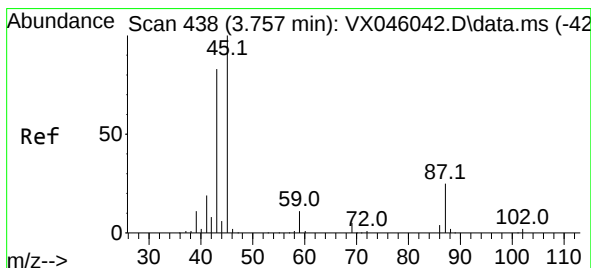
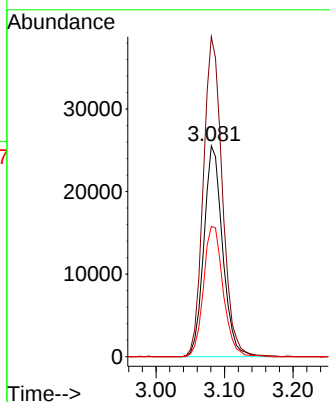
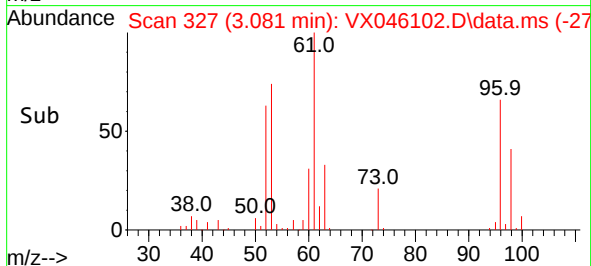
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 48550
Ion Ratio Lower Upper
96 100
61 151.8 119.5 179.3
98 61.8 50.0 75.0

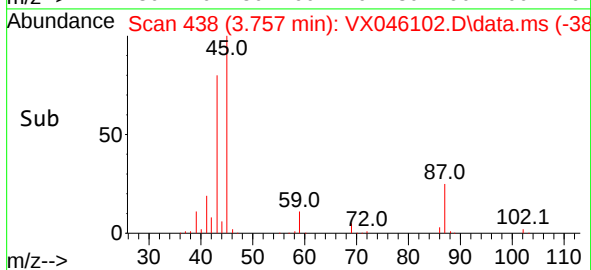
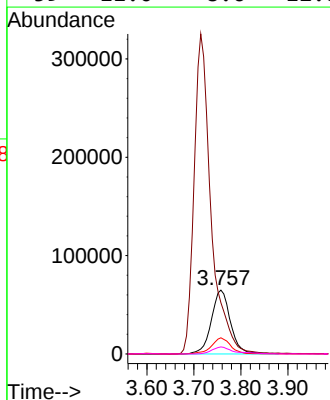
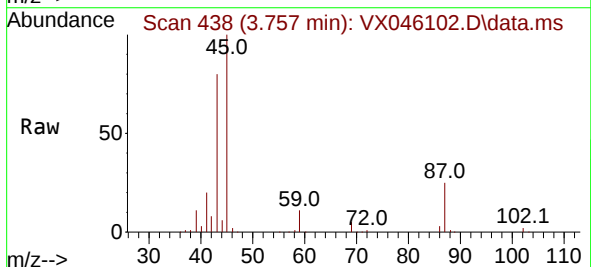
Manual Integrations
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Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#22
Diisopropyl ether
Concen: 46.119 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

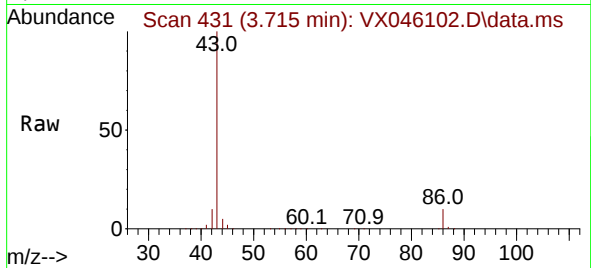
Tgt Ion: 45 Resp: 183349
Ion Ratio Lower Upper
45 100
43 80.1 66.6 100.0
87 25.4 19.8 29.6
59 11.0 8.6 12.8





#23
 Vinyl Acetate
 Concen: 234.437 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05

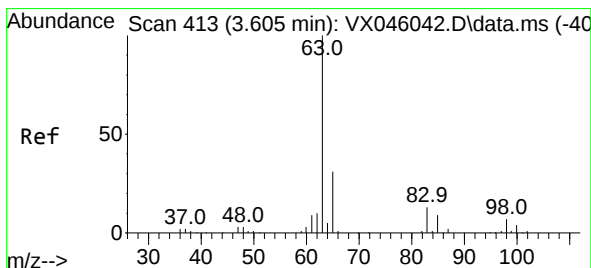
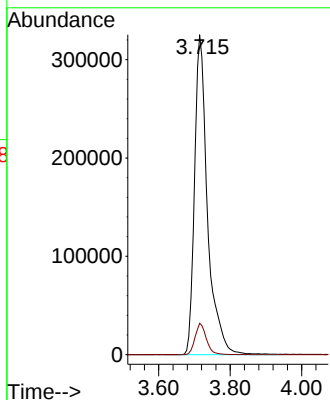
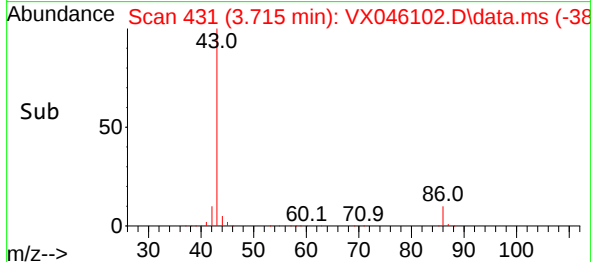
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



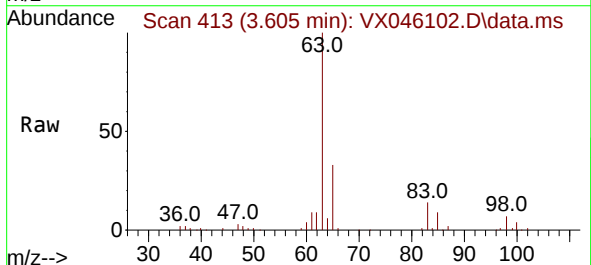
Tgt Ion: 43 Resp: 819744
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

Manual Integrations
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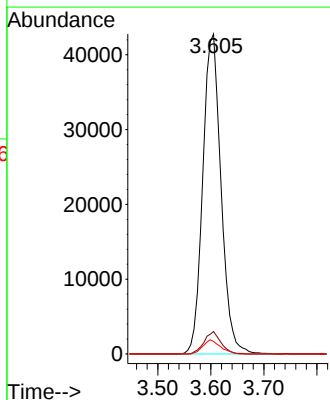
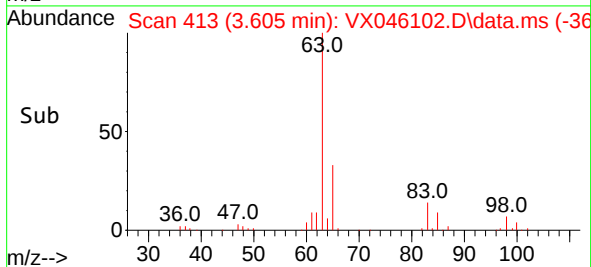
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025

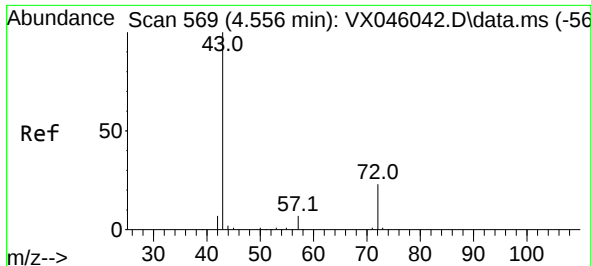


#24
 1,1-Dichloroethane
 Concen: 46.215 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05



Tgt Ion: 63 Resp: 102333
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.8
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 227.842 ug/l

RT: 4.550 min Scan# 569

Delta R.T. -0.006 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 22455

Ion Ratio Lower Upper

43 100

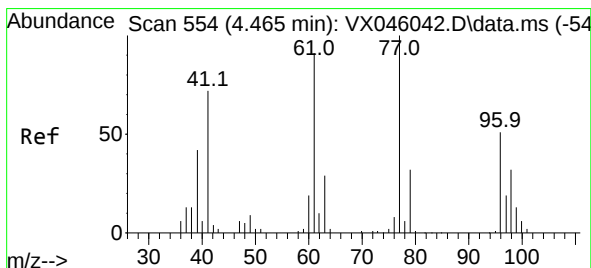
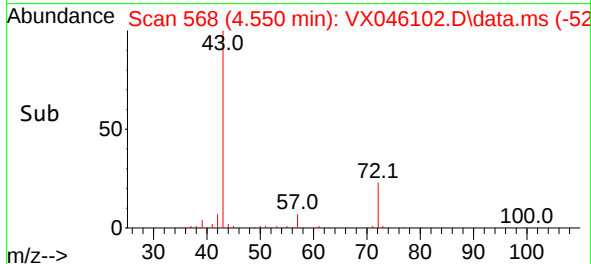
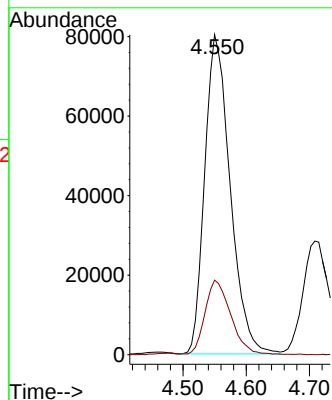
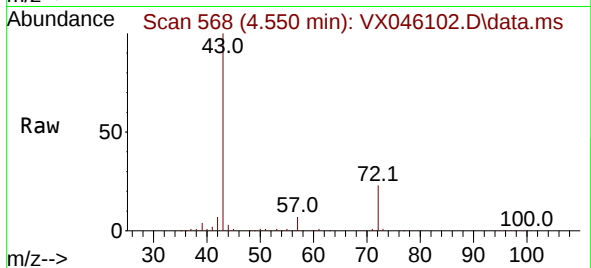
72 23.2 18.4 27.6

Manual Integrations

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Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#26

2,2-Dichloropropane

Concen: 46.052 ug/l

RT: 4.465 min Scan# 554

Delta R.T. -0.000 min

Lab File: VX046102.D

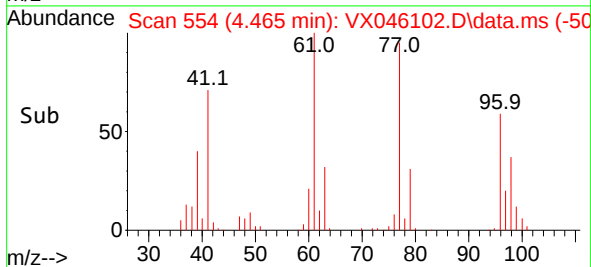
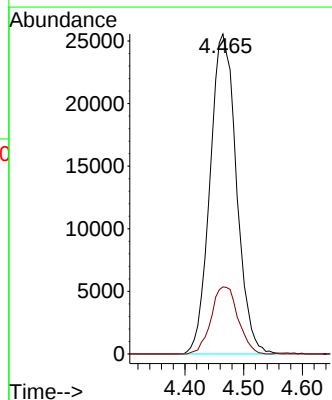
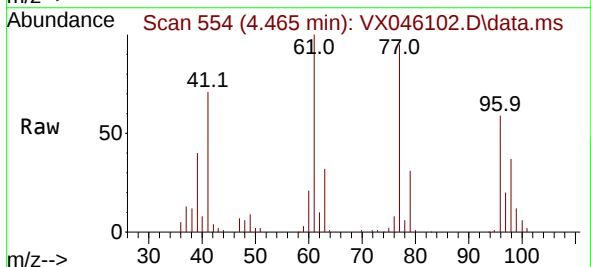
Acq: 09 May 2025 10:05

Tgt Ion: 77 Resp: 79815

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.5





#27
 cis-1,2-Dichloroethene
 Concen: 45.656 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.000 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

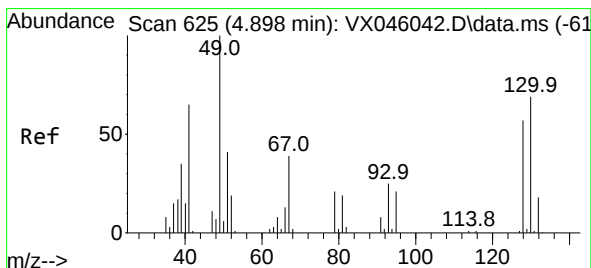
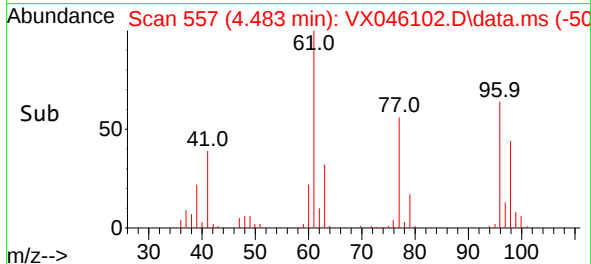
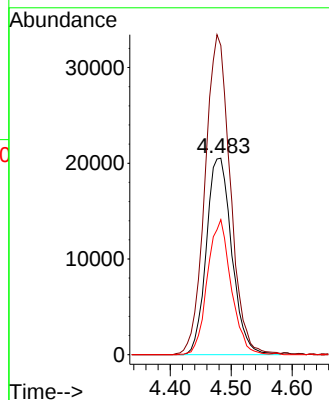
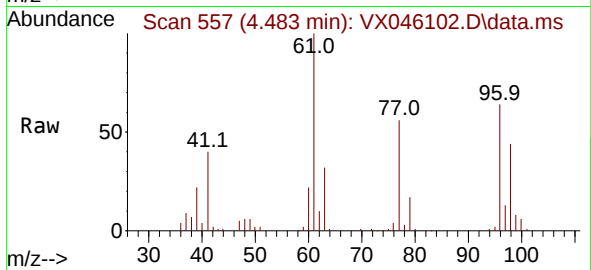
VSTDCCC050

Tgt Ion: 96 Resp: 5952
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 322.8
 98 64.0 0.0 129.0

Manual Integrations

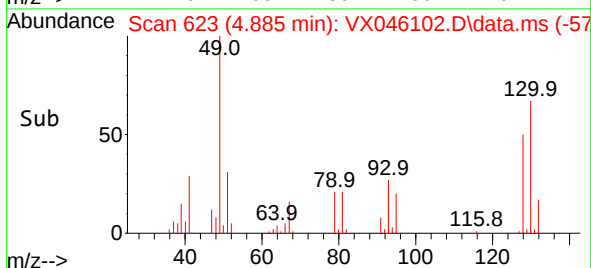
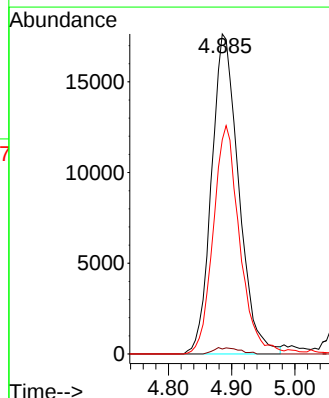
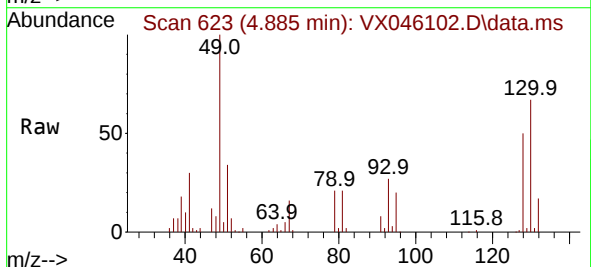
APPROVED

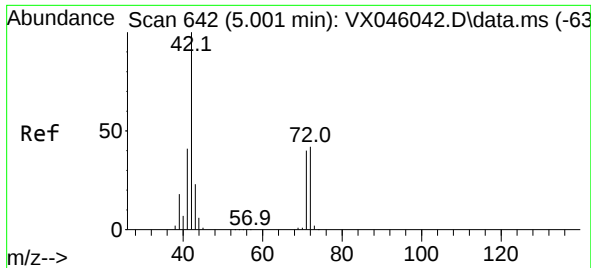
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#28
 Bromochloromethane
 Concen: 49.484 ug/l
 RT: 4.885 min Scan# 623
 Delta R.T. -0.012 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05

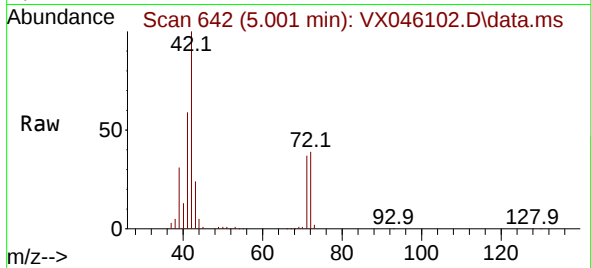
Tgt Ion: 49 Resp: 52743
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 69.0 56.2 84.2





#29
Tetrahydrofuran
Concen: 225.170 ug/l
RT: 5.001 min Scan# 642
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

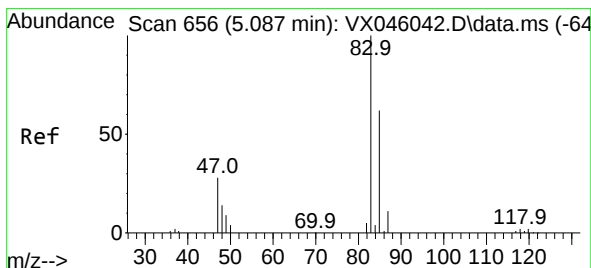
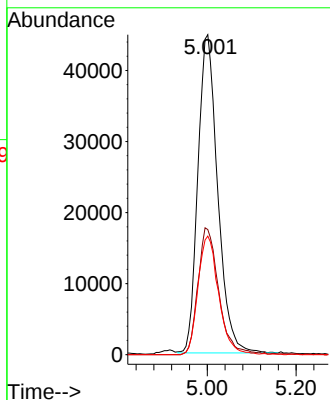
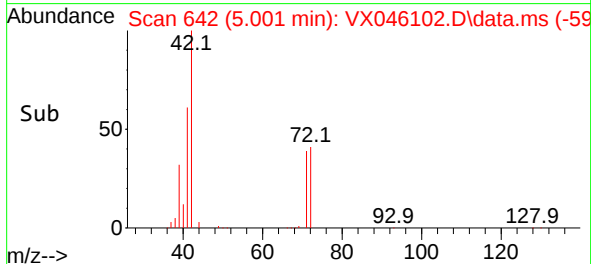
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 139063
Ion Ratio Lower Upper
42 100
72 41.8 33.7 50.5
71 38.7 31.4 47.2

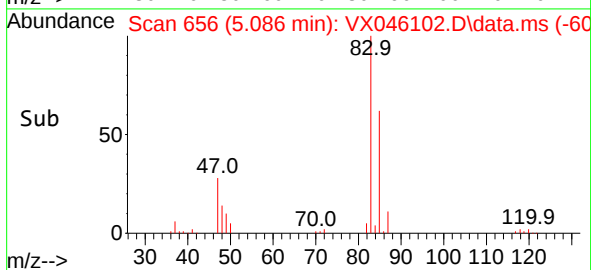
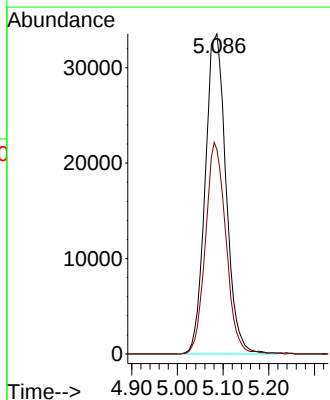
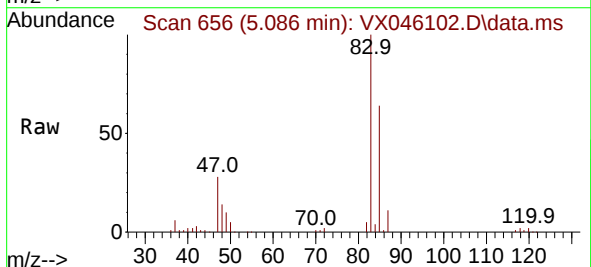
Manual Integrations
APPROVED

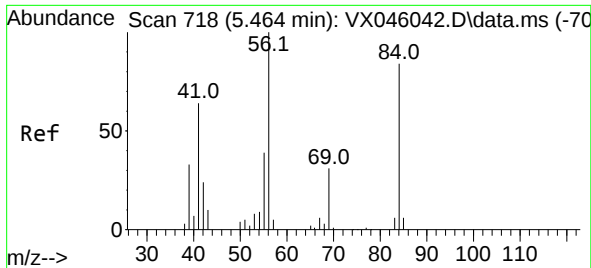
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#30
Chloroform
Concen: 46.016 ug/l
RT: 5.086 min Scan# 656
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 83 Resp: 106204
Ion Ratio Lower Upper
83 100
85 63.9 49.3 73.9





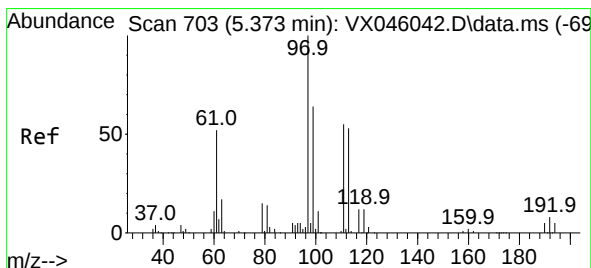
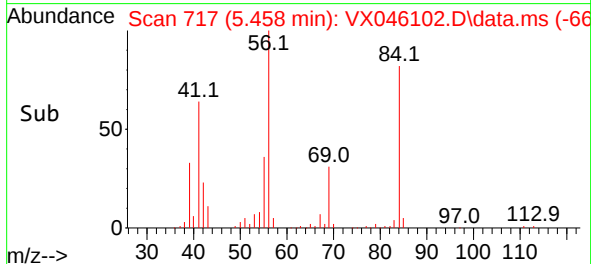
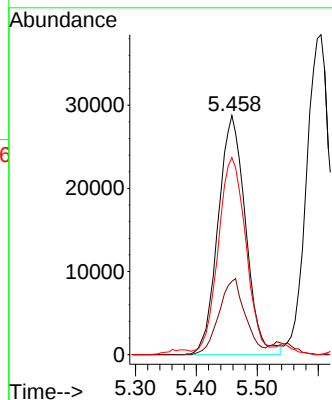
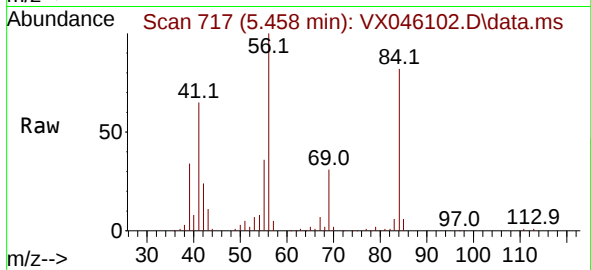
#31
Cyclohexane
Concen: 44.654 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 9010
Ion Ratio Lower Upper
56 100
69 30.6 24.4 36.6
84 80.3 66.9 100.3

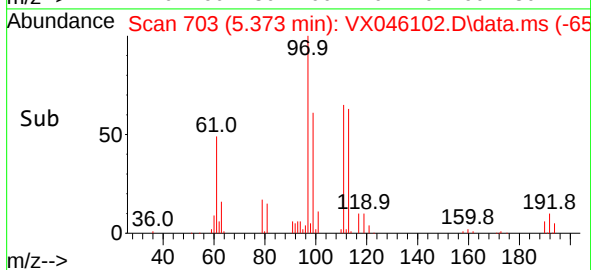
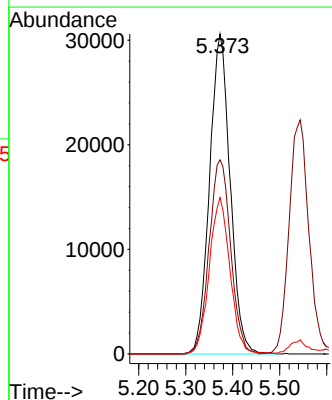
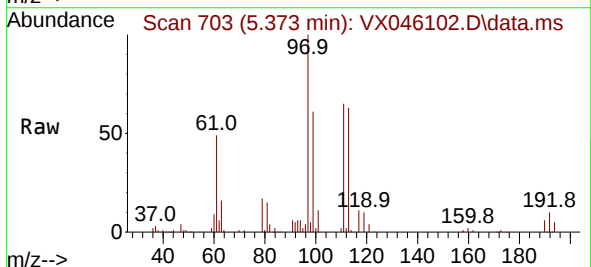
Manual Integrations
APPROVED

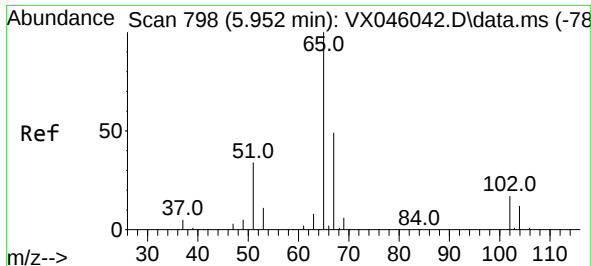
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#32
1,1,1-Trichloroethane
Concen: 46.442 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 97 Resp: 92916
Ion Ratio Lower Upper
97 100
99 63.5 51.8 77.6
61 49.1 40.1 60.1





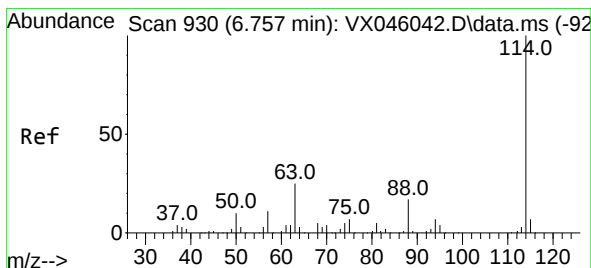
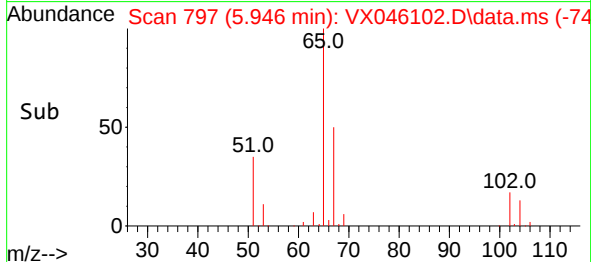
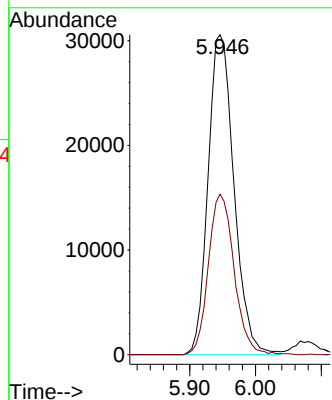
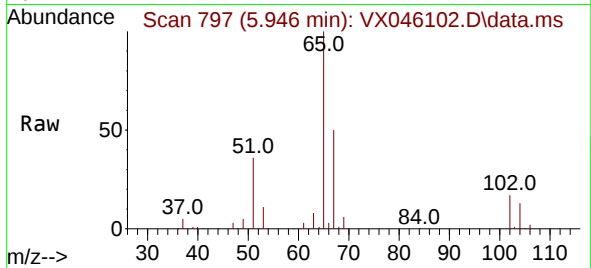
#33
 1,2-Dichloroethane-d4
 Concen: 49.555 ug/l
 RT: 5.946 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 83904
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.0

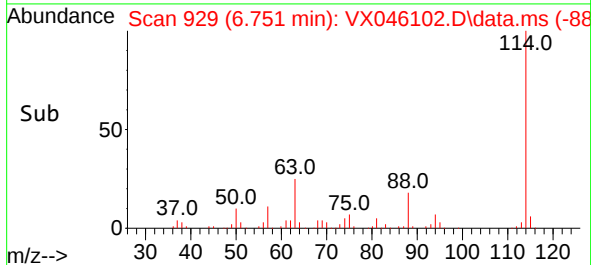
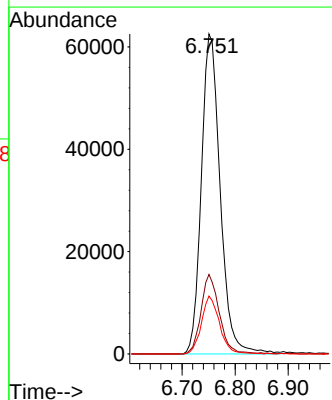
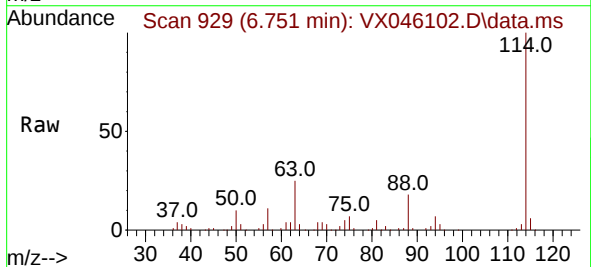
Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.751 min Scan# 929
 Delta R.T. -0.006 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05

Tgt Ion:114 Resp: 154646
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 49.2
 88 18.1 0.0 33.6





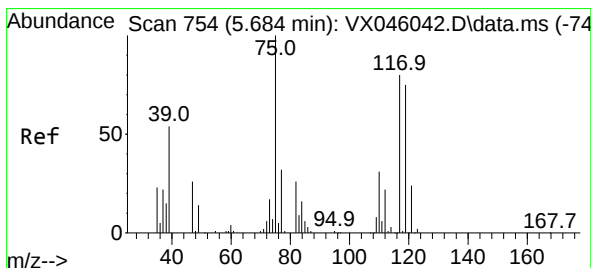
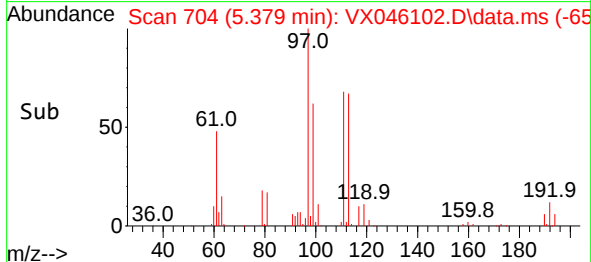
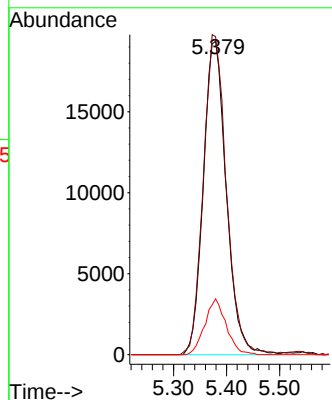
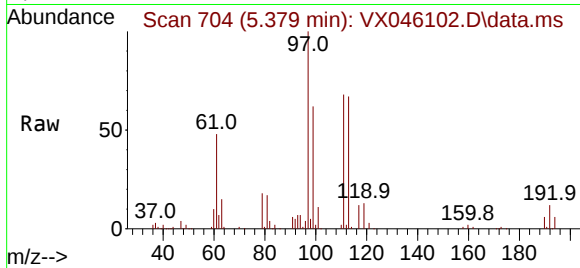
#35
Dibromofluoromethane
Concen: 52.291 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 113 Resp: 5823
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 16.6 13.3 19.9

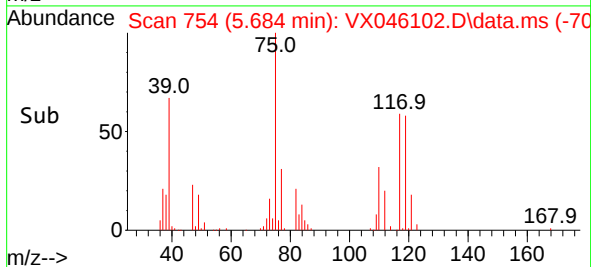
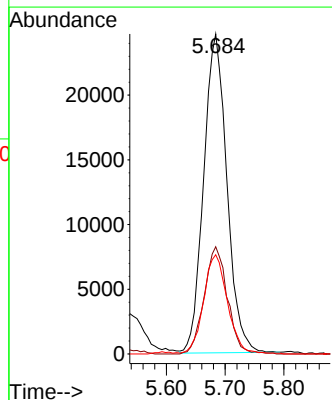
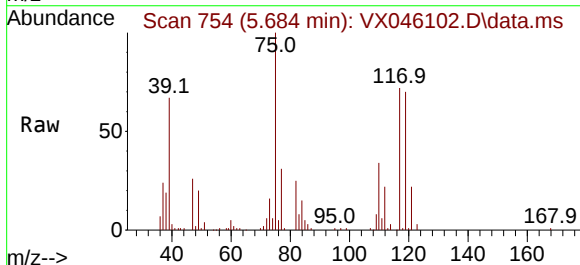
Manual Integrations
APPROVED

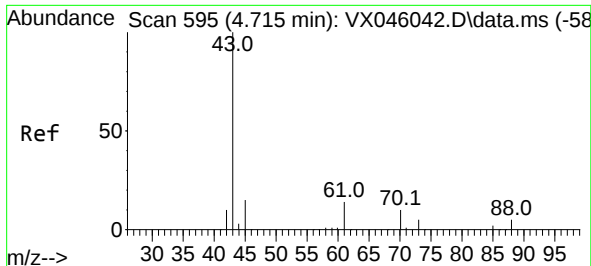
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#36
1,1-Dichloropropene
Concen: 45.260 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 75 Resp: 67721
Ion Ratio Lower Upper
75 100
110 33.7 16.3 48.9
77 32.1 24.3 36.5





#37

Ethyl Acetate

Concen: 46.262 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

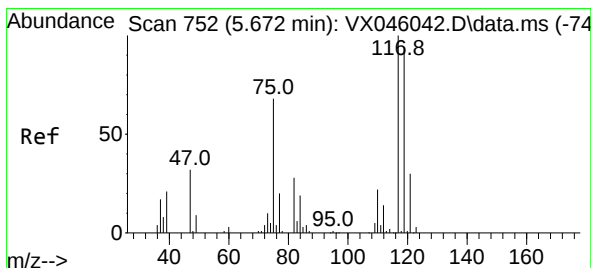
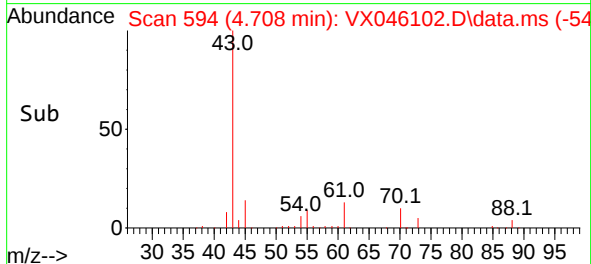
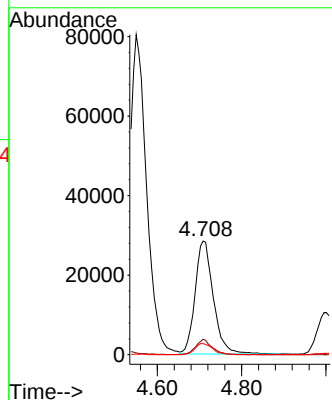
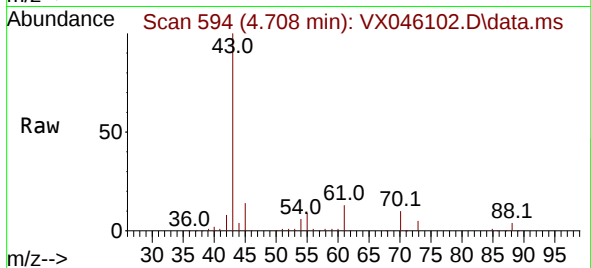
Tgt Ion: 43	Resp: 8552
Ion Ratio	Lower Upper
43 100	
61 12.3	10.3 15.5
70 9.6	7.9 11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#38

Carbon Tetrachloride

Concen: 47.285 ug/l

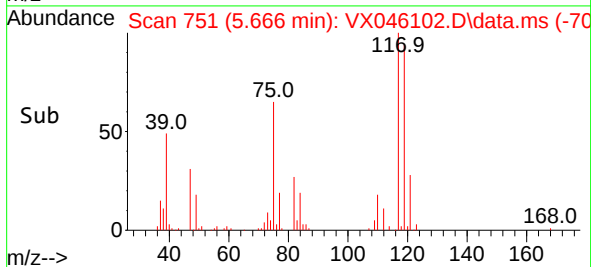
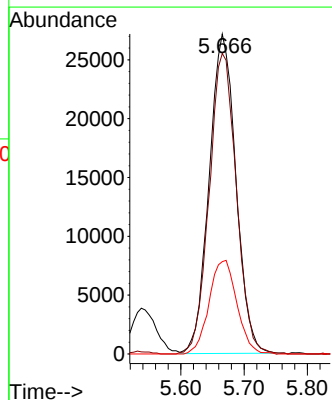
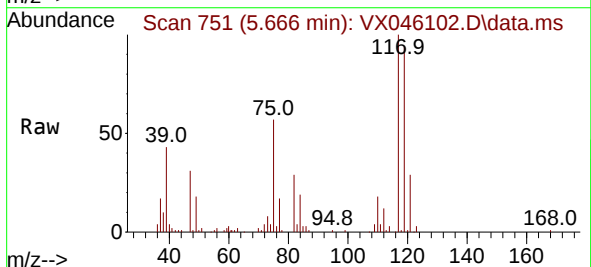
RT: 5.666 min Scan# 751

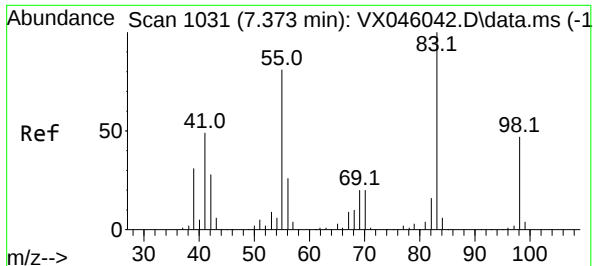
Delta R.T. -0.006 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Tgt Ion:117	Resp: 79494
Ion Ratio	Lower Upper
117 100	
119 93.9	75.2 112.8
121 28.9	24.2 36.4





#39

Methylcyclohexane

Concen: 45.310 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 87280

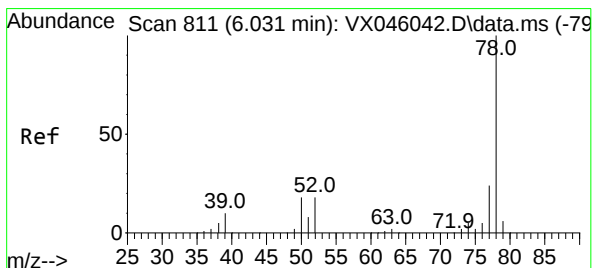
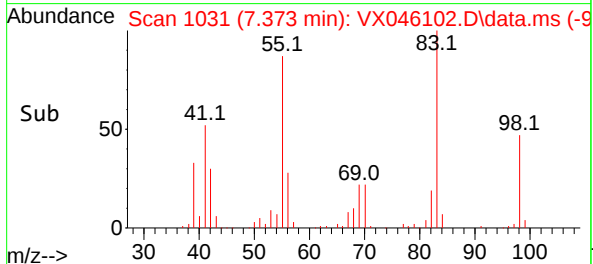
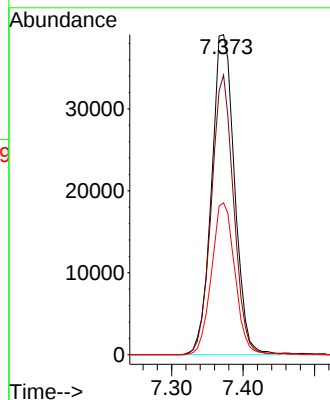
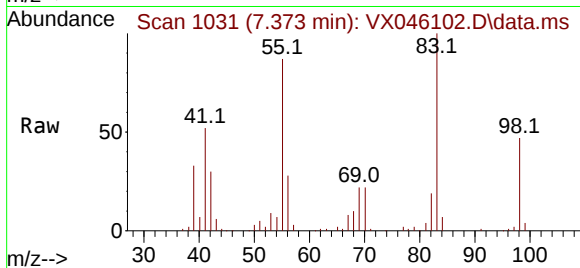
Ion	Ratio	Lower	Upper
83	100		
55	87.4	64.7	97.1
98	47.5	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#40

Benzene

Concen: 46.537 ug/l

RT: 6.025 min Scan# 810

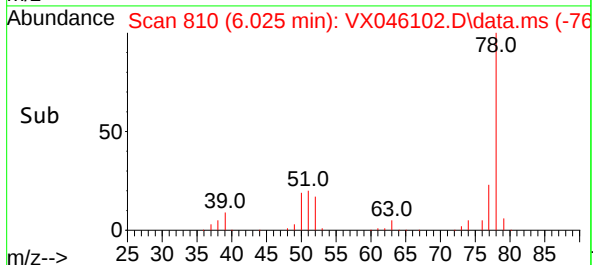
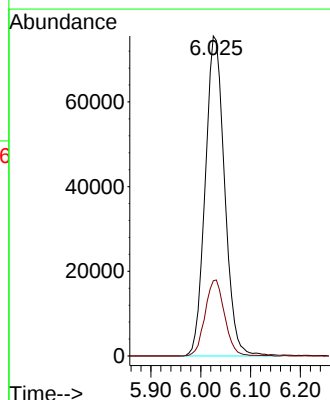
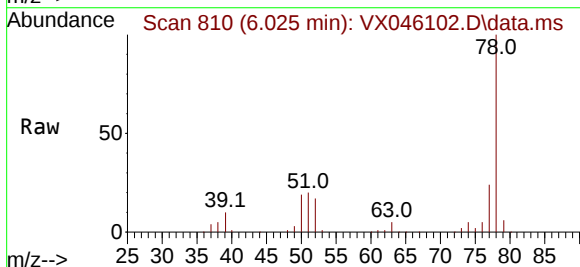
Delta R.T. -0.006 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Tgt Ion: 78 Resp: 203956

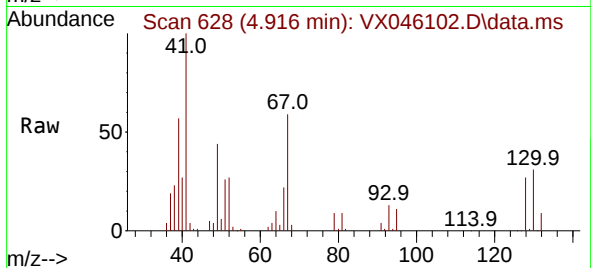
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





#41
Methacrylonitrile
Concen: 49.145 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

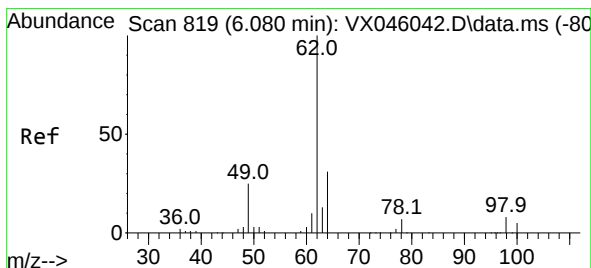
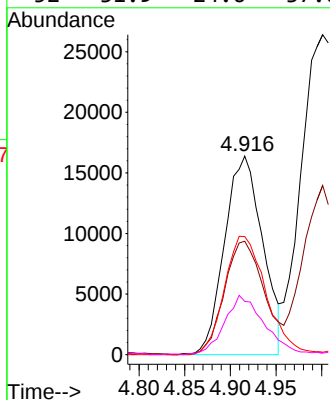
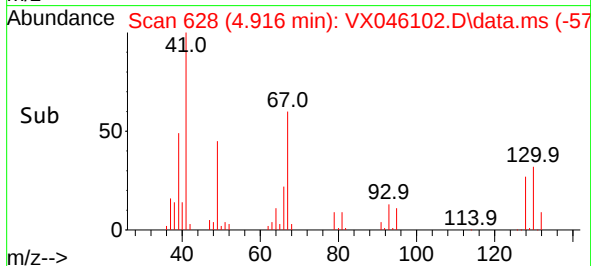
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 47529
Ion Ratio Lower Upper
41 100
39 60.5 47.2 70.8
67 65.9 50.7 76.1
52 31.9 24.6 37.0

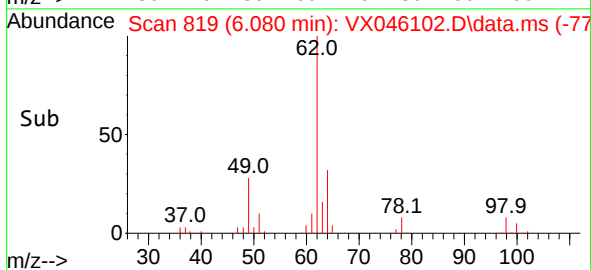
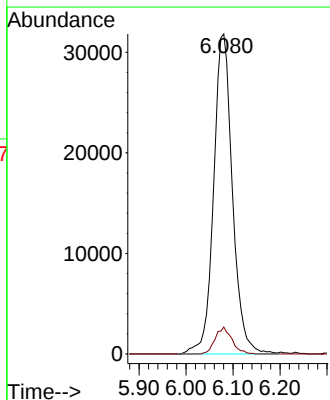
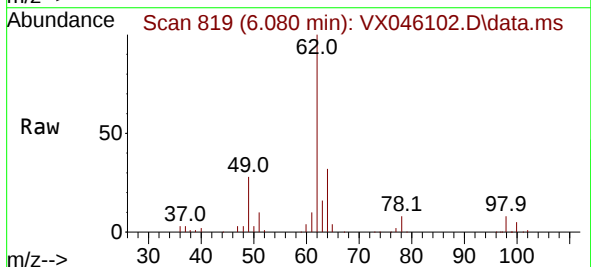
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#42
1,2-Dichloroethane
Concen: 46.849 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

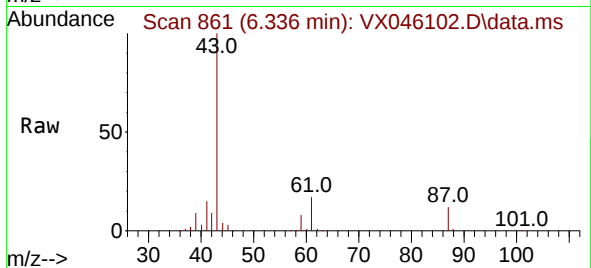
Tgt Ion: 62 Resp: 88615
Ion Ratio Lower Upper
62 100
98 7.5 0.0 15.2





#43
Isopropyl Acetate
Concen: 47.347 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

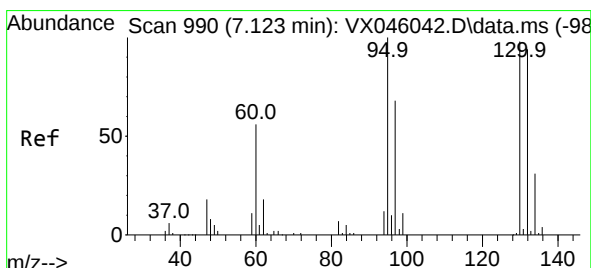
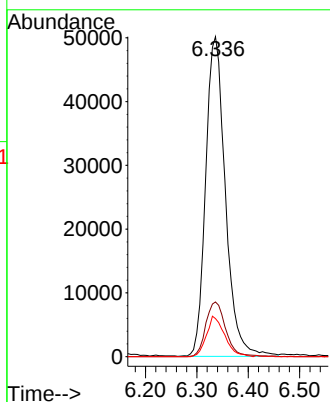
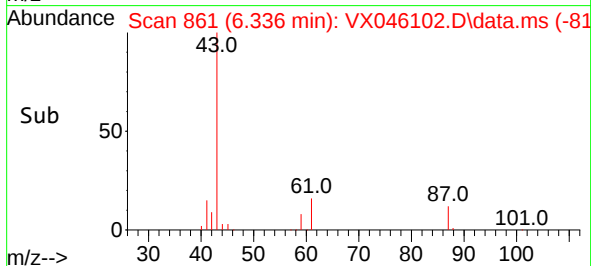
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



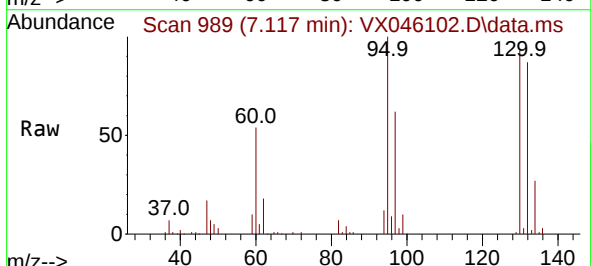
Tgt Ion: 43 Resp: 13352
Ion Ratio Lower Upper
43 100
61 17.4 14.3 21.5
87 11.7 9.5 14.3

Manual Integrations
APPROVED

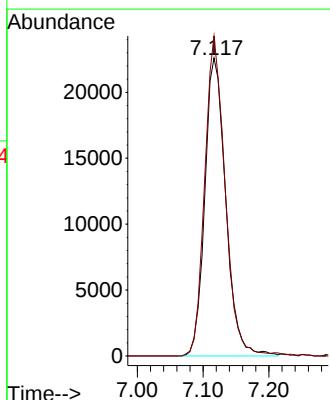
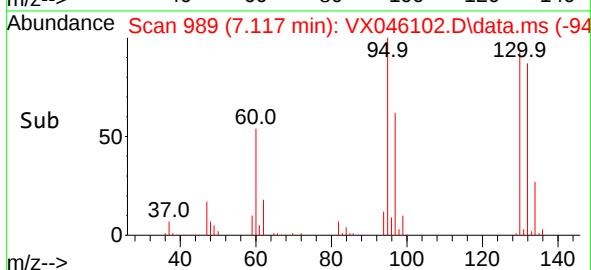
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

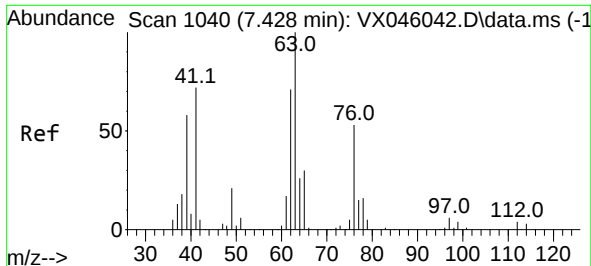


#44
Trichloroethene
Concen: 47.551 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



Tgt Ion:130 Resp: 50158
Ion Ratio Lower Upper
130 100
95 107.4 0.0 204.2





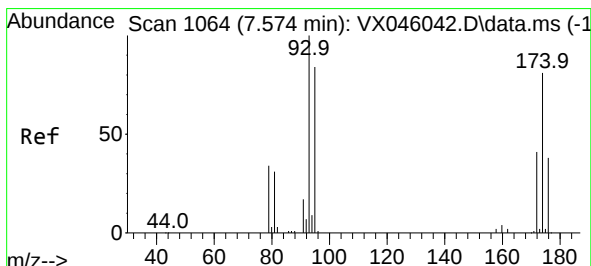
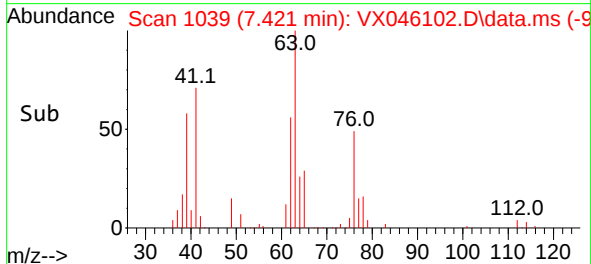
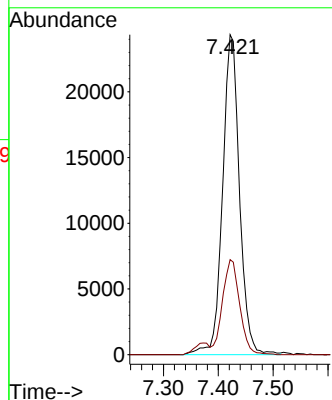
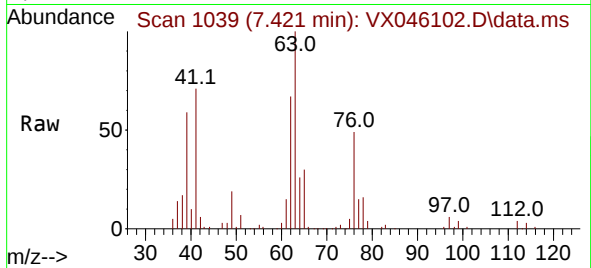
#45
1,2-Dichloropropane
Concen: 48.033 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 5234
Ion Ratio Lower Upper
63 100
65 29.7 24.1 36.1

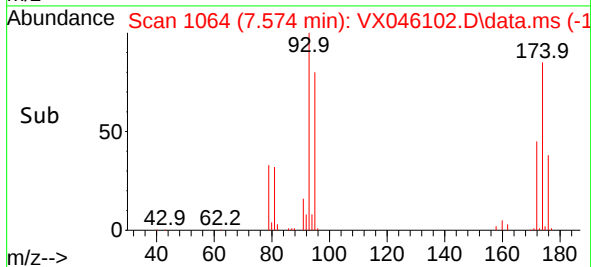
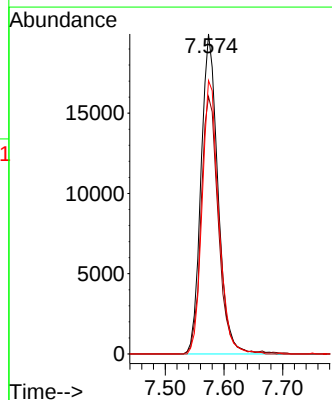
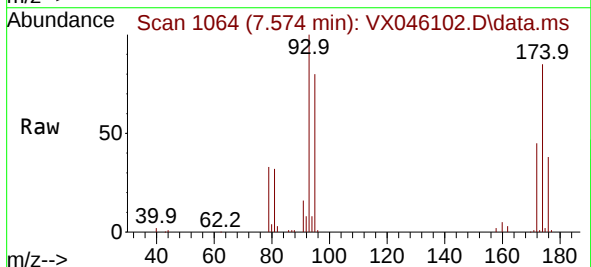
Manual Integrations
APPROVED

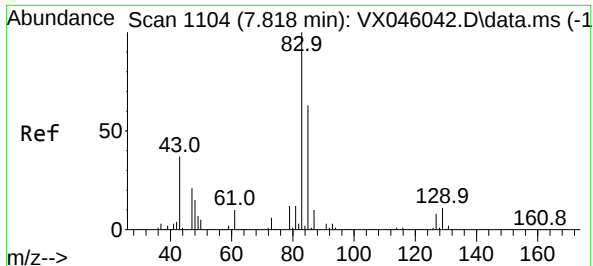
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#46
Dibromomethane
Concen: 46.575 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 93 Resp: 40032
Ion Ratio Lower Upper
93 100
95 81.6 65.6 98.4
174 83.7 68.2 102.2





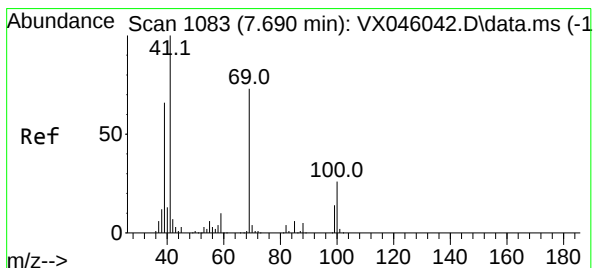
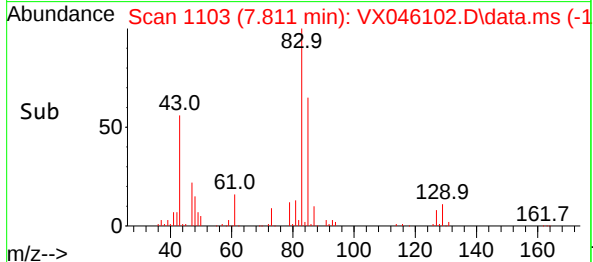
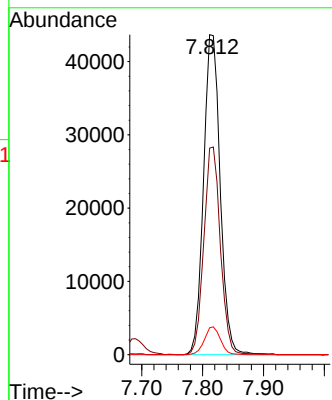
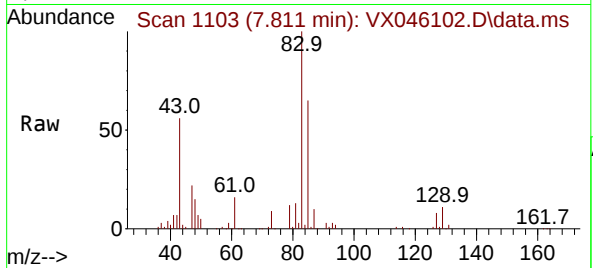
#47
Bromodichloromethane
Concen: 49.032 ug/l
RT: 7.811 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 83000
Ion Ratio Lower Upper
83 100
85 64.6 50.5 75.7
127 8.4 6.5 9.7

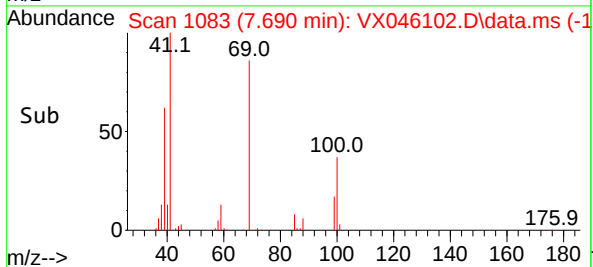
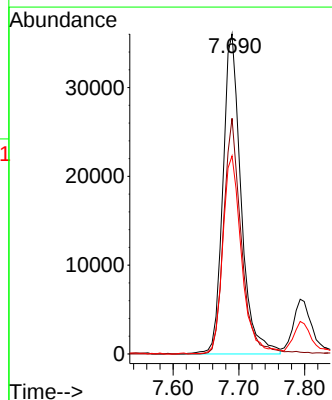
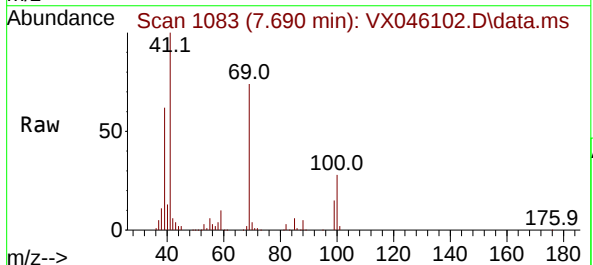
Manual Integrations
APPROVED

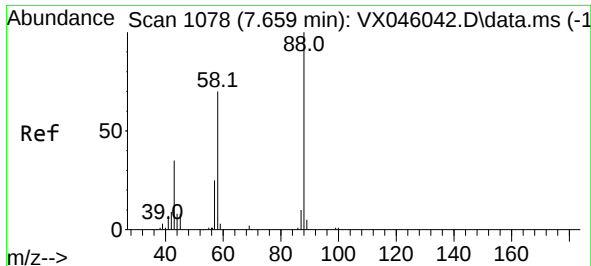
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#48
Methyl methacrylate
Concen: 48.142 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 41 Resp: 69338
Ion Ratio Lower Upper
41 100
69 71.6 58.5 87.7
39 64.4 51.7 77.5





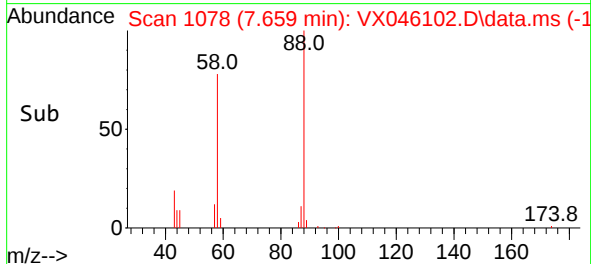
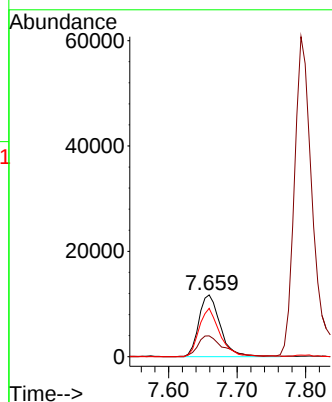
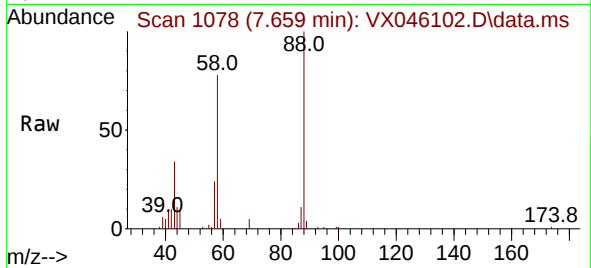
#49
1,4-Dioxane
Concen: 929.126 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 25409
Ion Ratio Lower Upper
88 100
43 41.0 33.4 50.2
58 75.5 58.6 88.0

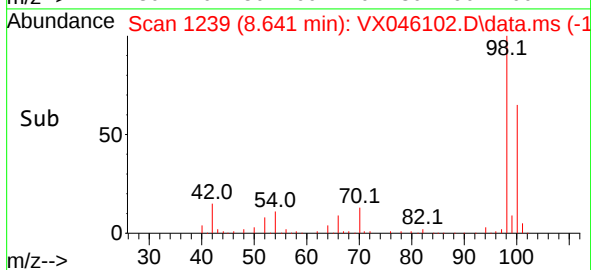
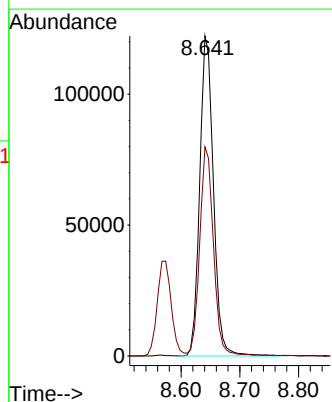
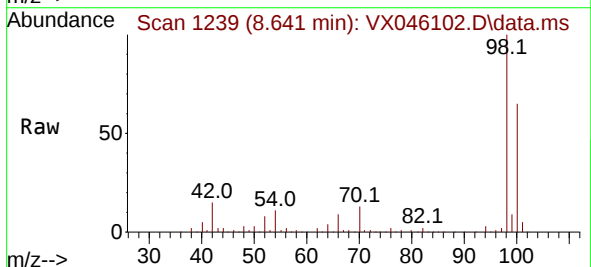
Manual Integrations
APPROVED

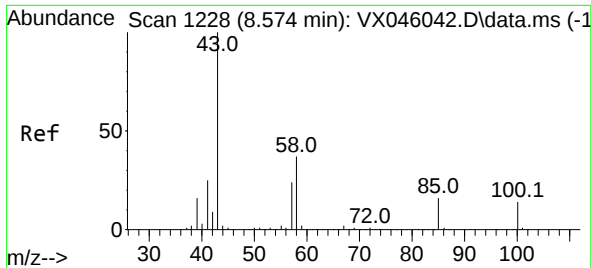
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#50
Toluene-d8
Concen: 51.360 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 98 Resp: 197959
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3





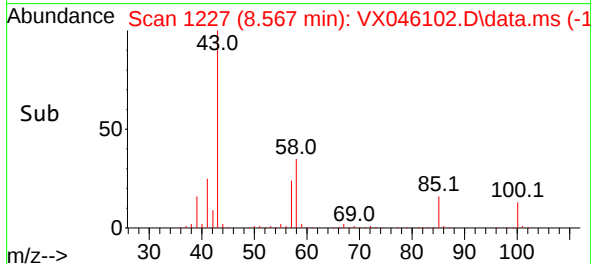
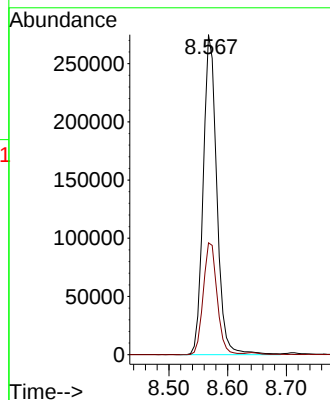
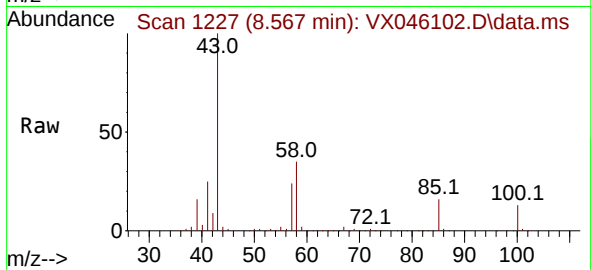
#51
4-Methyl-2-Pentanone
Concen: 236.533 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 442789
Ion Ratio Lower Upper
43 100
58 35.6 28.9 43.3

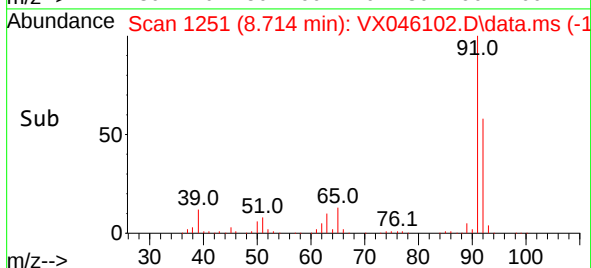
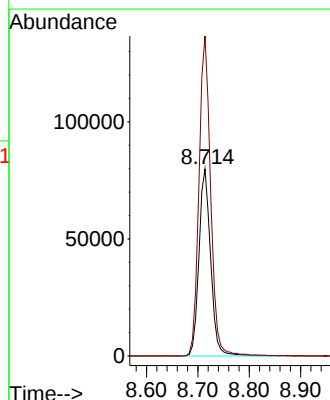
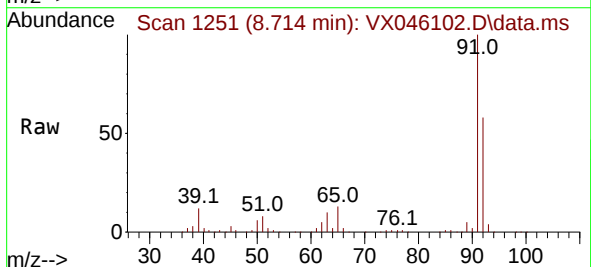
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#52
Toluene
Concen: 46.926 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 92 Resp: 126108
Ion Ratio Lower Upper
92 100
91 171.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 48.832 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 73479

Ion Ratio Lower Upper

75 100

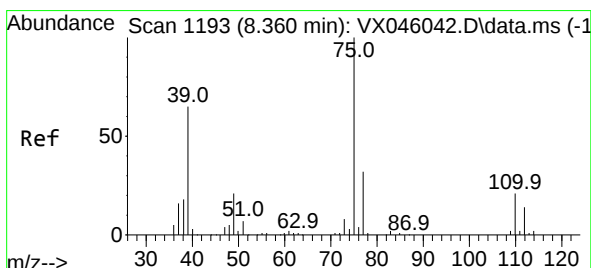
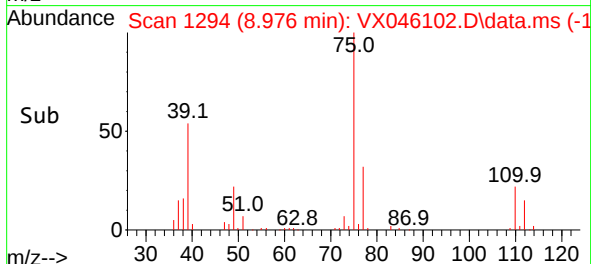
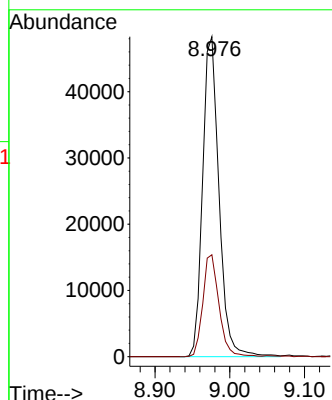
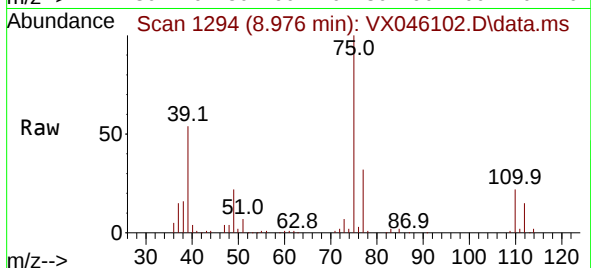
77 31.9 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#54

cis-1,3-Dichloropropene

Concen: 49.479 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

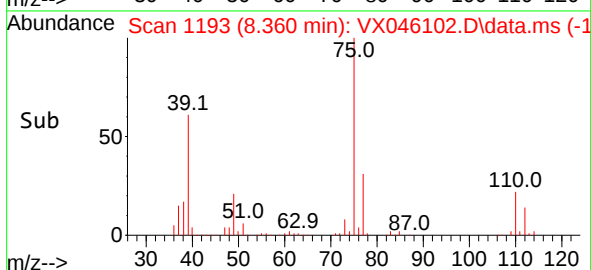
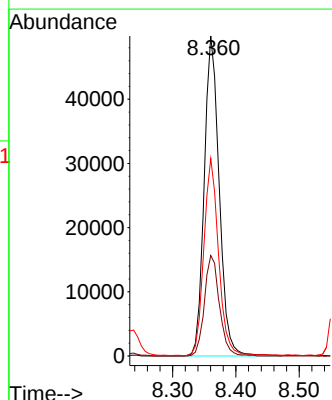
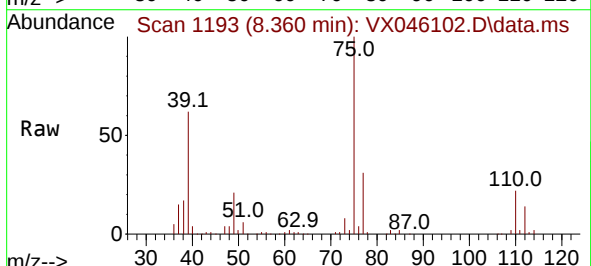
Tgt Ion: 75 Resp: 82288

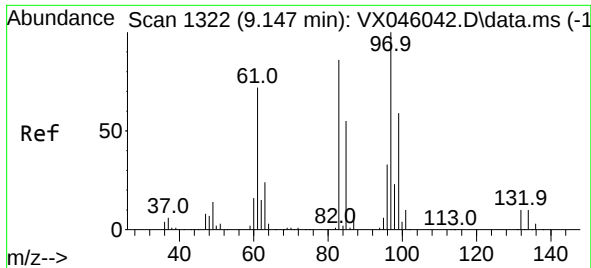
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0

39 61.5 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 45.996 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

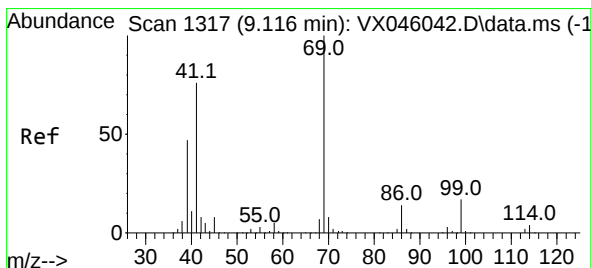
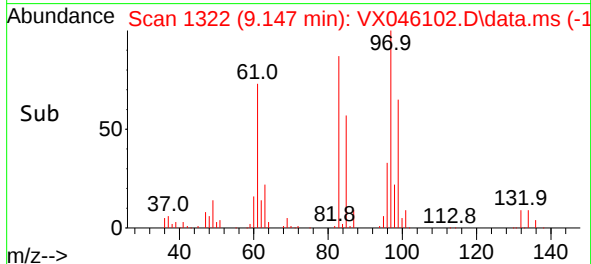
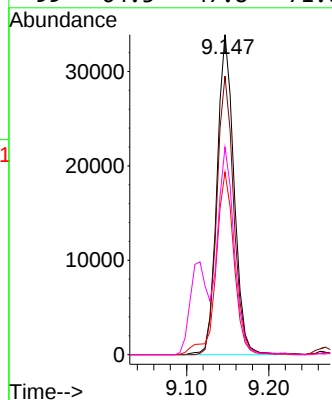
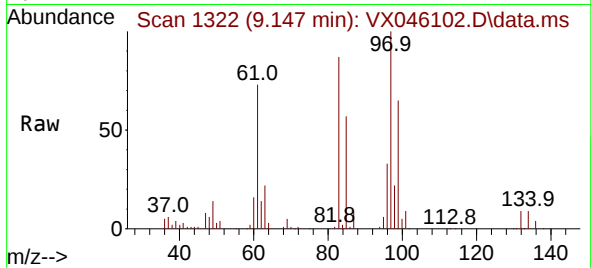
Tgt Ion: 97 Resp: 48739
Ion Ratio Lower Upper
97 100
83 87.0 69.0 103.6
85 56.9 44.3 66.5
99 64.3 47.8 71.6

Manual Integrations

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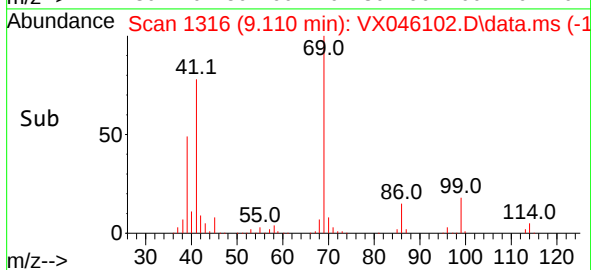
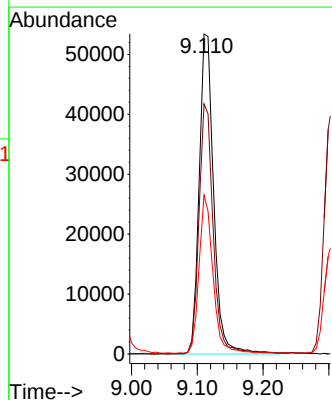
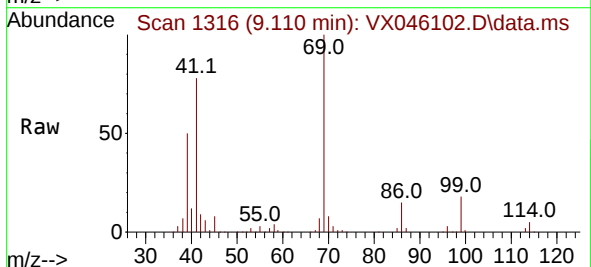
Reviewed By :John Carlone 05/12/2025

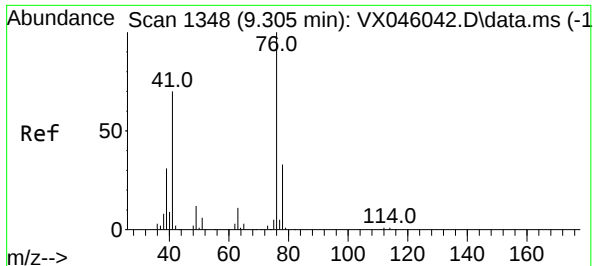
Supervised By :Mahesh Dadoda 05/12/2025



#56
Ethyl methacrylate
Concen: 48.451 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 69 Resp: 81826
Ion Ratio Lower Upper
69 100
41 77.0 60.8 91.2
39 47.5 39.0 58.6





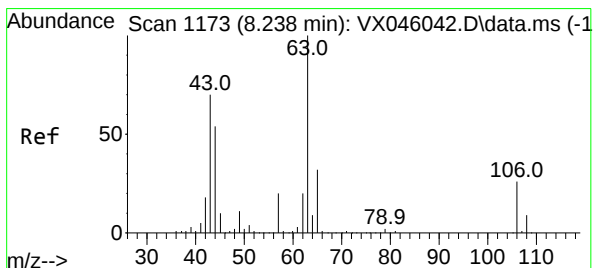
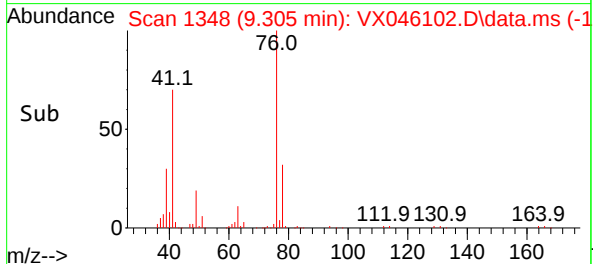
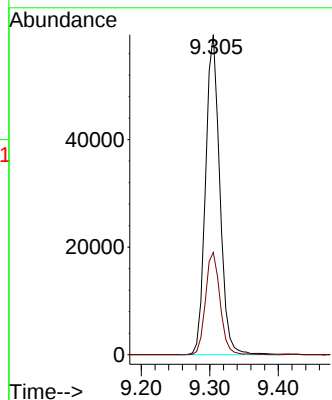
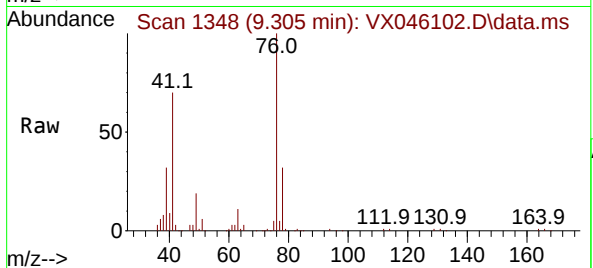
#57
1,3-Dichloropropane
Concen: 45.332 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 86269
Ion Ratio Lower Upper
76 100
78 32.7 26.3 39.5

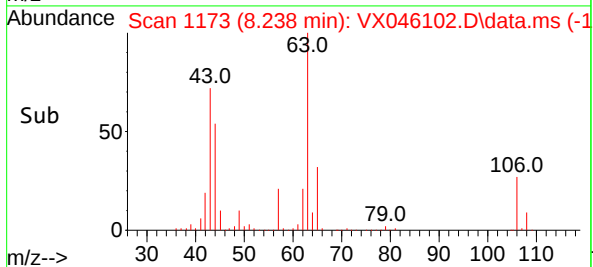
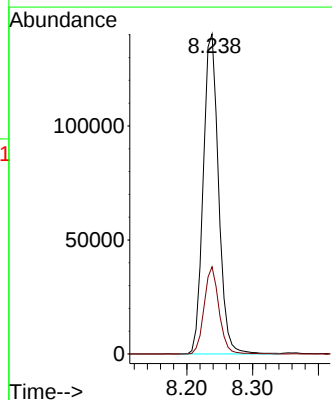
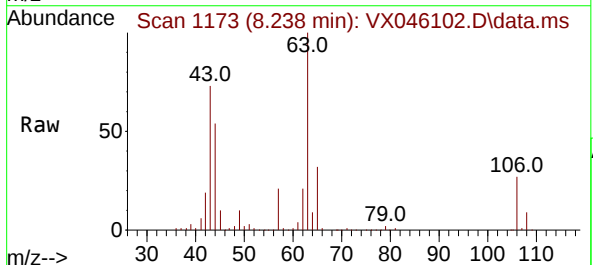
Manual Integrations
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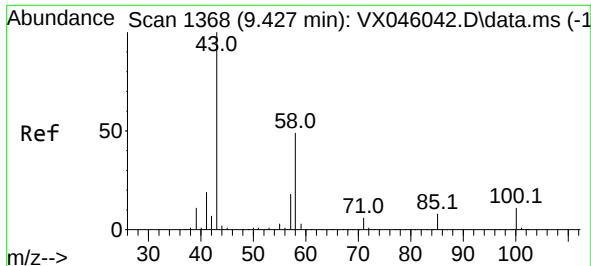
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#58
2-Chloroethyl Vinyl ether
Concen: 264.363 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

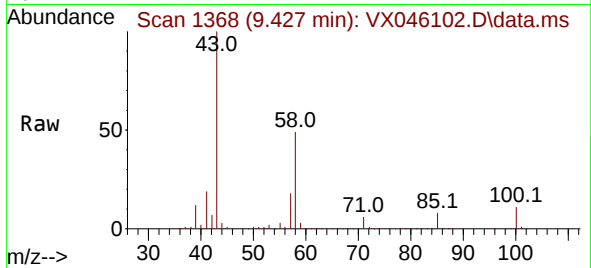
Tgt Ion: 63 Resp: 227616
Ion Ratio Lower Upper
63 100
106 26.4 21.5 32.3





#59
2-Hexanone
Concen: 236.658 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

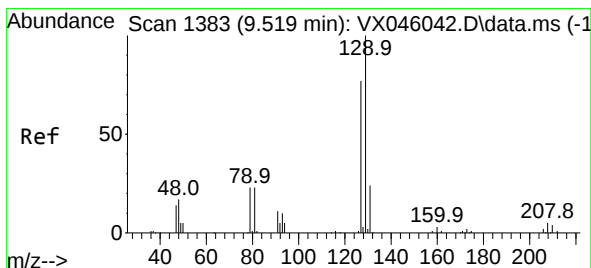
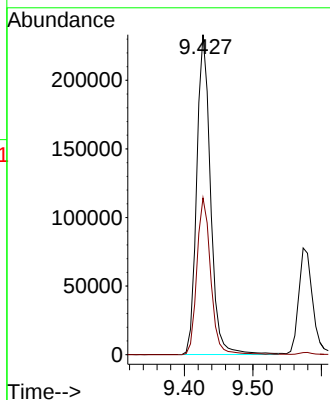
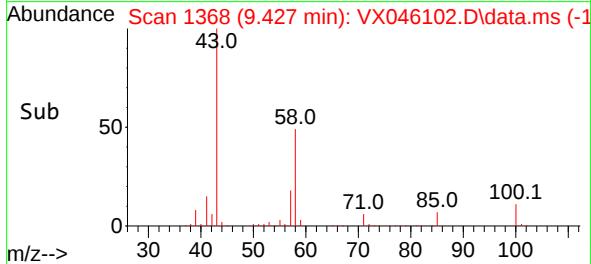
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 327764
Ion Ratio Lower Upper
43 100
58 49.1 24.9 74.6

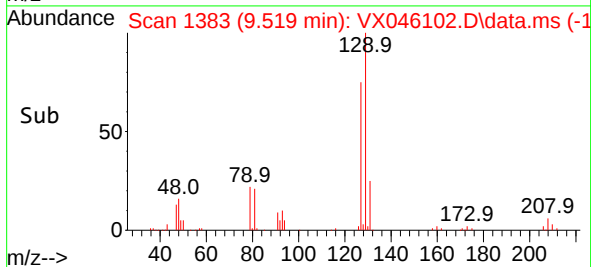
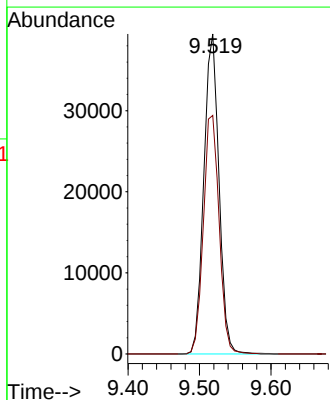
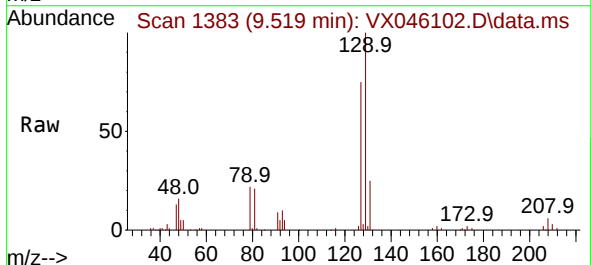
Manual Integrations
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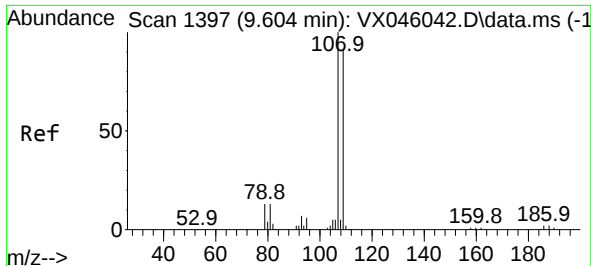
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#60
Dibromochloromethane
Concen: 49.855 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

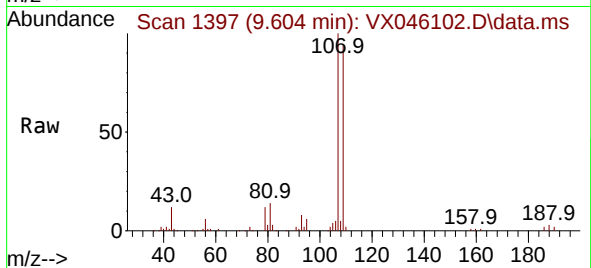
Tgt Ion:129 Resp: 58018
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61
1,2-Dibromoethane
Concen: 47.092 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

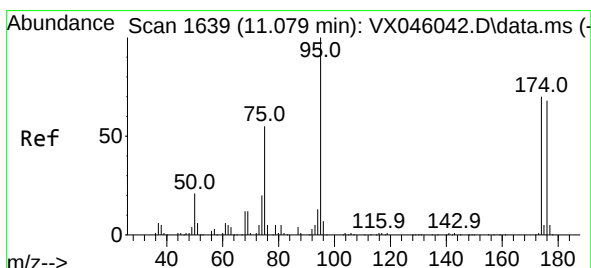
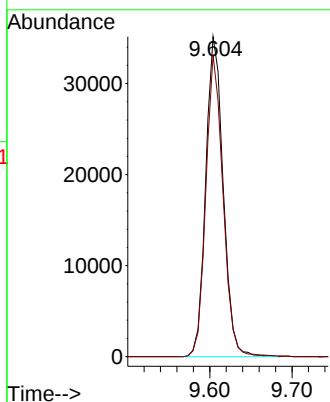
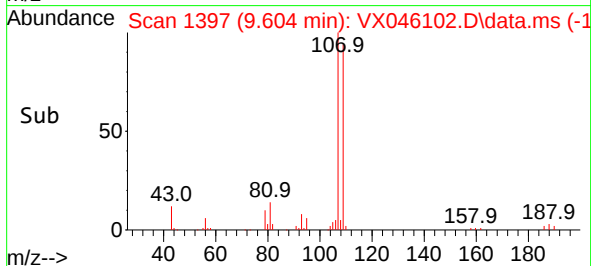
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



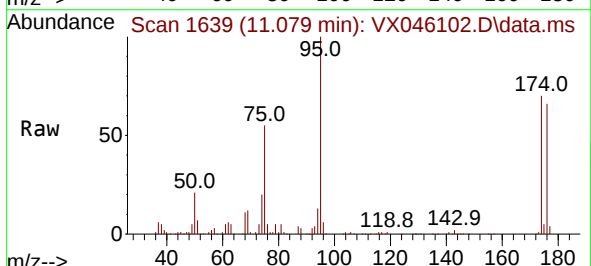
Tgt Ion:107 Resp: 5186
Ion Ratio Lower Upper
107 100
109 92.6 73.3 109.9

Manual Integrations
APPROVED

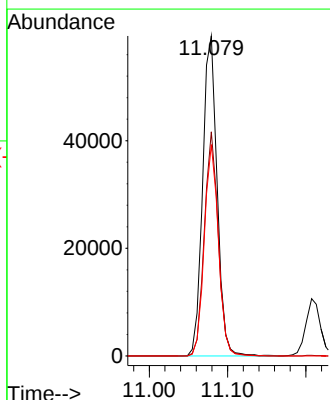
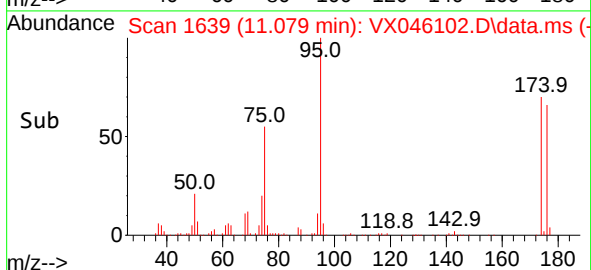
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

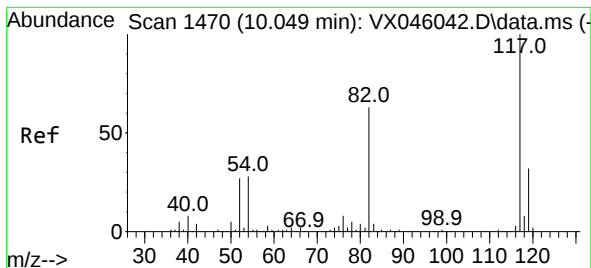


#62
4-Bromofluorobenzene
Concen: 51.479 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



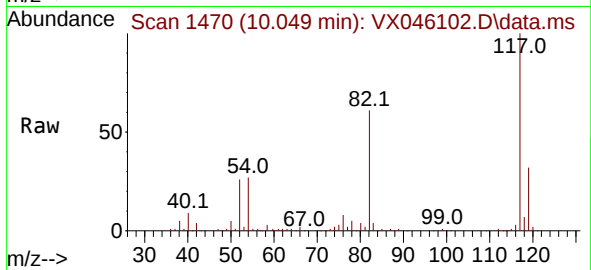
Tgt Ion: 95 Resp: 76110
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.3 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

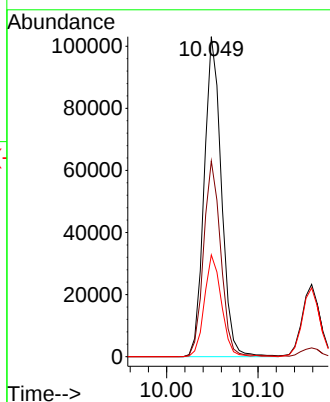
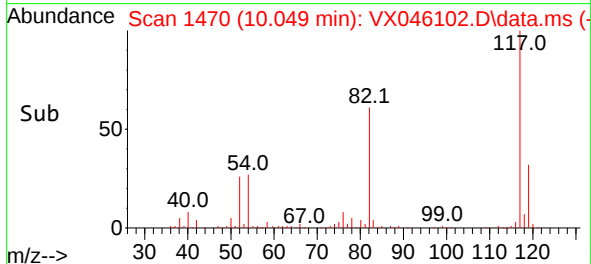
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 135275
Ion Ratio Lower Upper
117 100
82 61.1 50.6 76.0
119 31.8 25.8 38.6

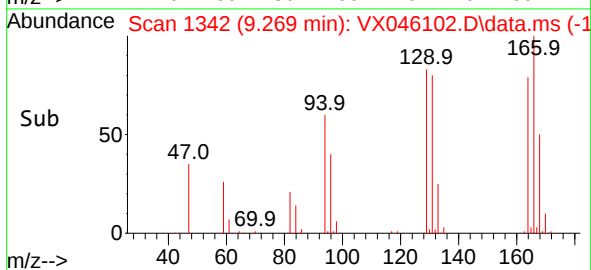
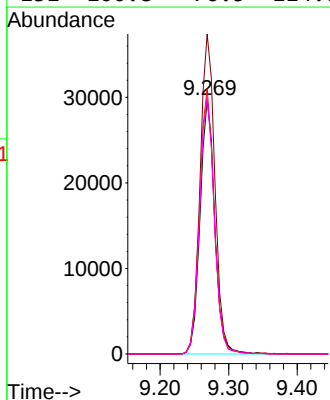
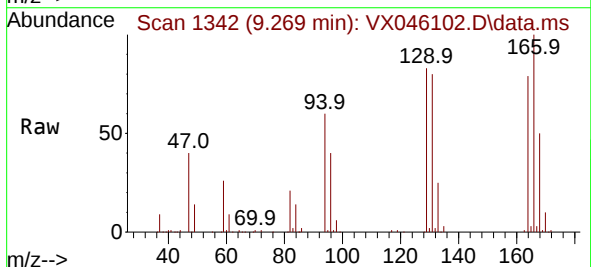
Manual Integrations
APPROVED

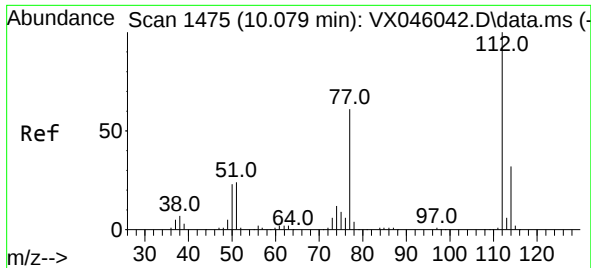
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#64
Tetrachloroethene
Concen: 46.298 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion:164 Resp: 44313
Ion Ratio Lower Upper
164 100
166 126.0 105.0 157.6
129 104.5 83.5 125.3
131 100.8 76.5 114.7





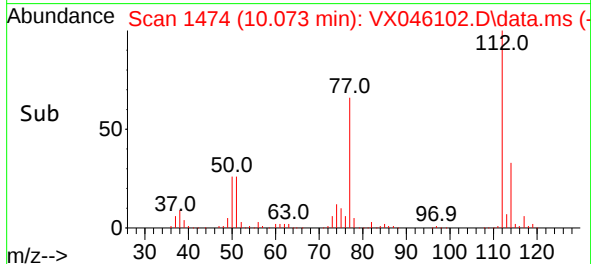
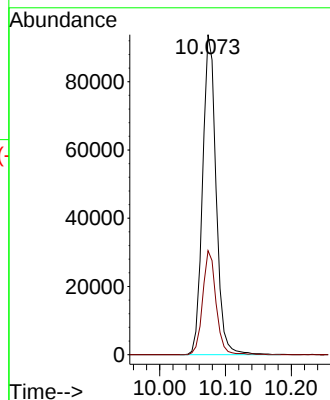
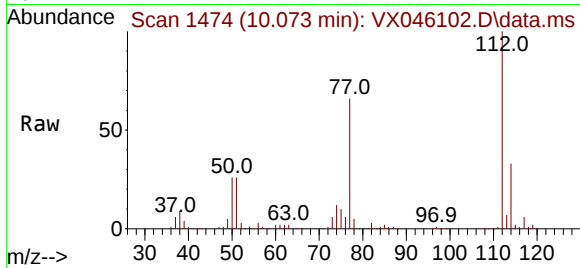
#65
Chlorobenzene
Concen: 45.121 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 13359
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

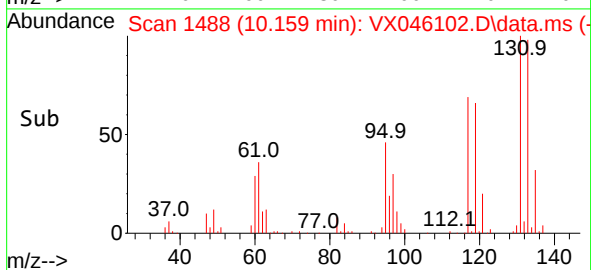
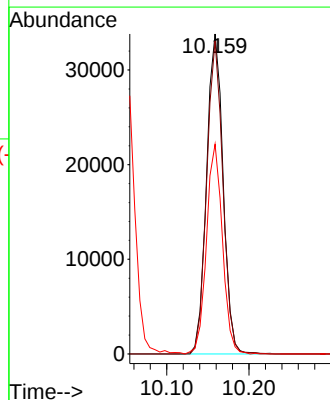
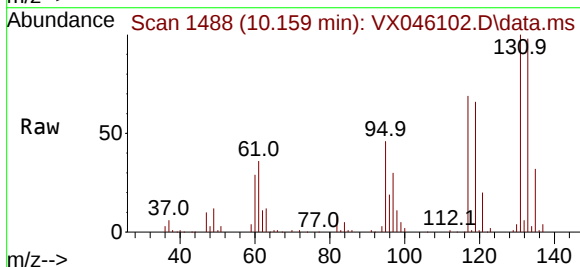
Manual Integrations
APPROVED

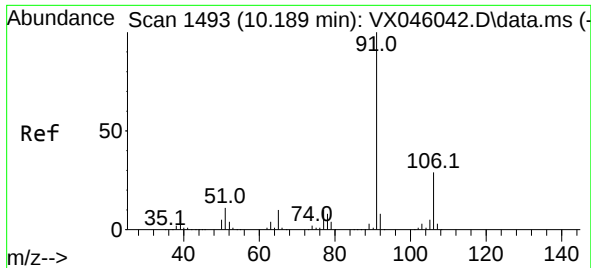
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.688 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

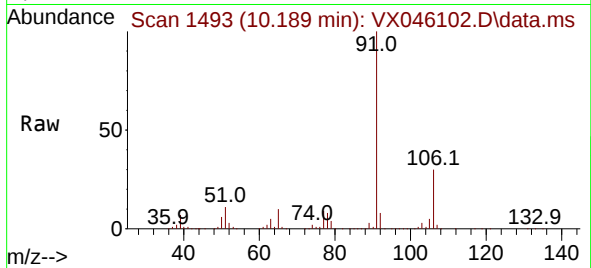
Tgt Ion:131 Resp: 47203
Ion Ratio Lower Upper
131 100
133 95.4 47.3 141.9
119 63.3 31.6 95.0





#67
Ethyl Benzene
Concen: 47.108 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

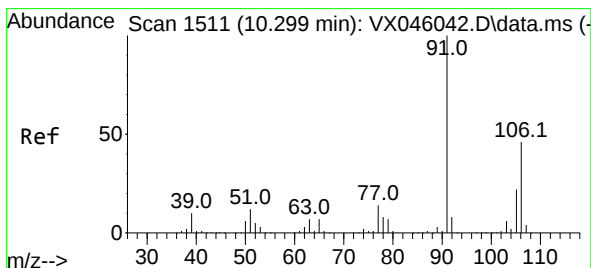
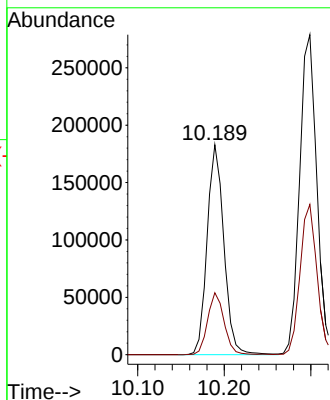
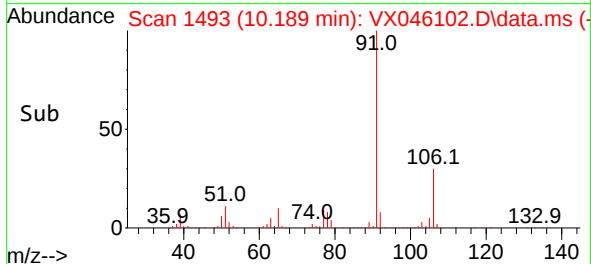
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



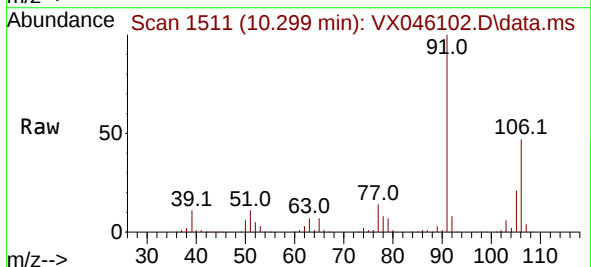
Tgt Ion: 91 Resp: 245860
Ion Ratio Lower Upper
91 100
106 29.5 23.4 35.2

Manual Integrations
APPROVED

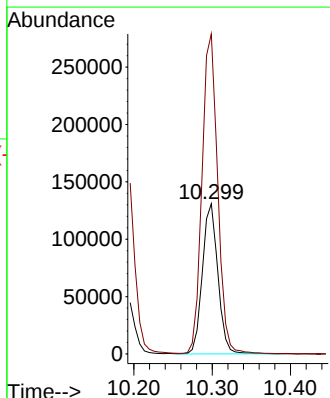
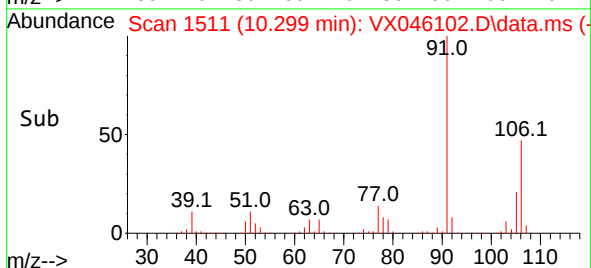
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

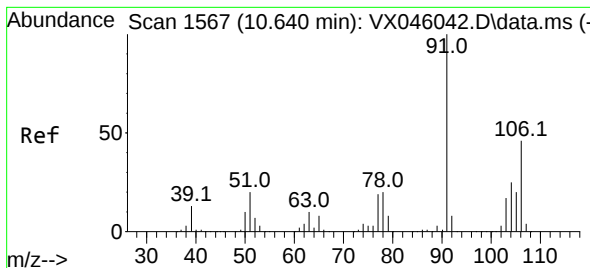


#68
m/p-Xylenes
Concen: 93.761 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



Tgt Ion:106 Resp: 178978
Ion Ratio Lower Upper
106 100
91 216.8 171.2 256.8





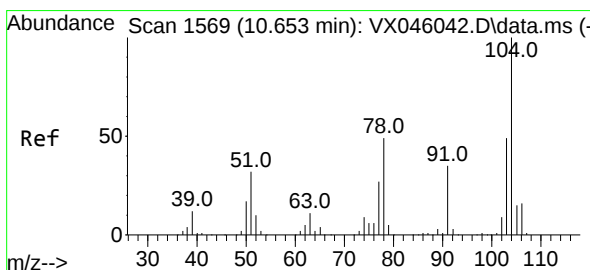
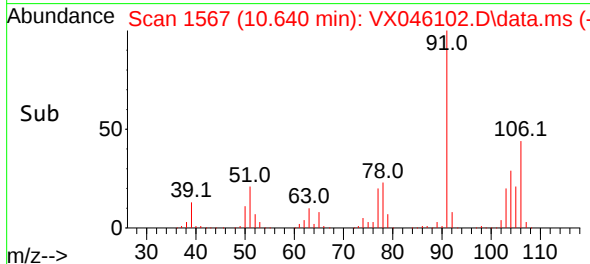
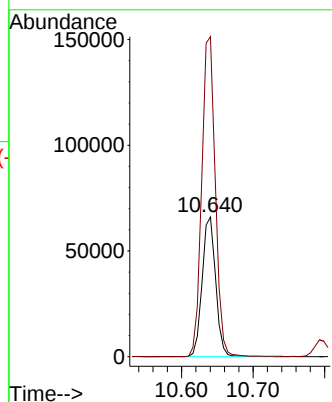
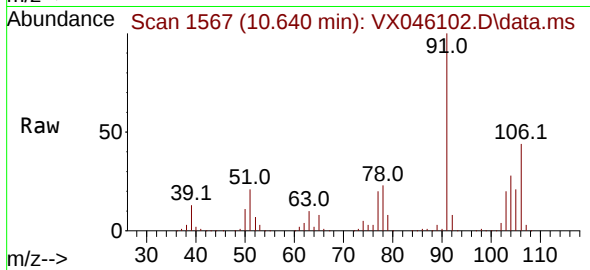
#69
o-Xylene
Concen: 46.606 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 86732
Ion Ratio Lower Upper
106 100
91 230.5 112.7 338.1

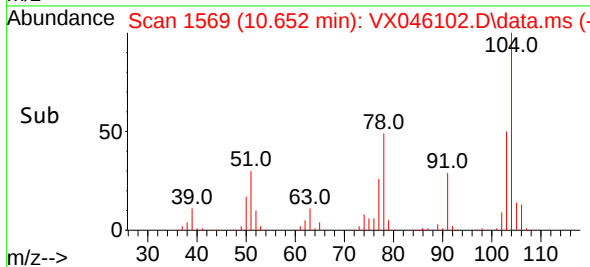
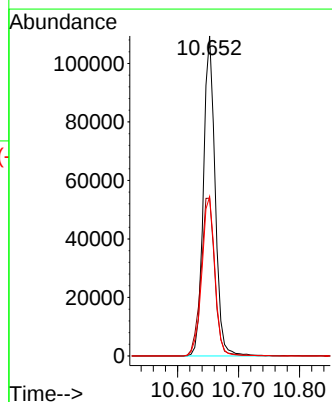
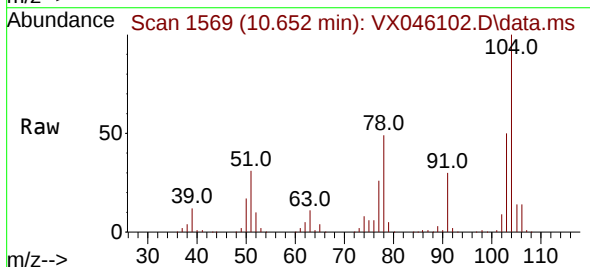
Manual Integrations
APPROVED

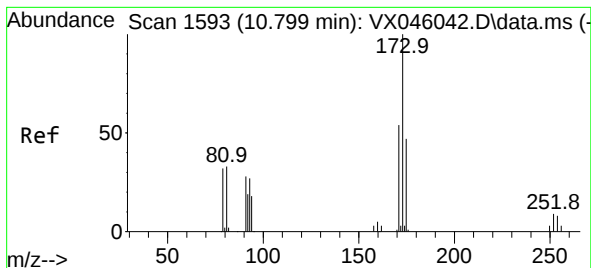
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#70
Styrene
Concen: 48.198 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion:104 Resp: 146931
Ion Ratio Lower Upper
104 100
78 57.9 45.7 68.5
103 55.3 43.7 65.5





#71

Bromoform

Concen: 48.005 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 36439

Ion Ratio Lower Upper

173 100

175 48.6 23.4 70.0

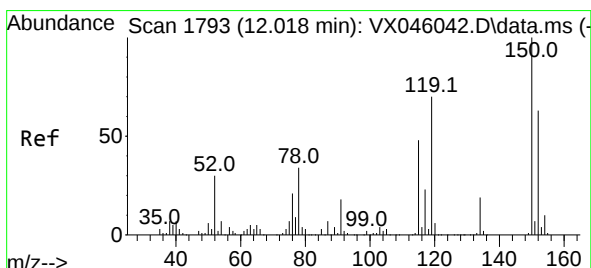
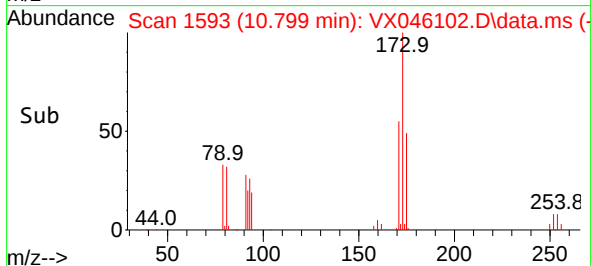
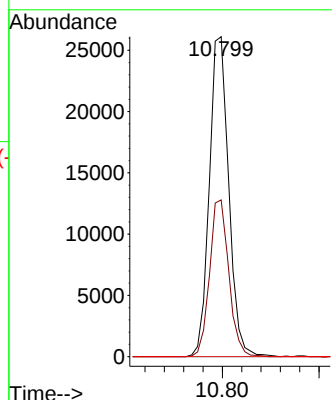
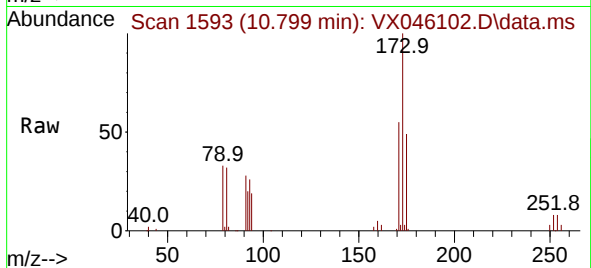
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

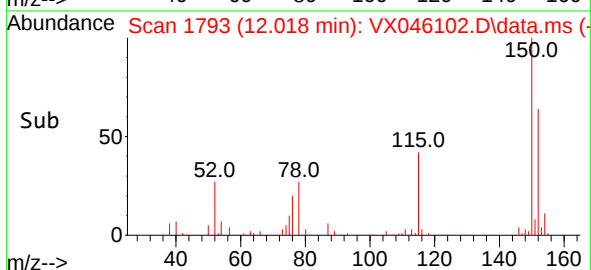
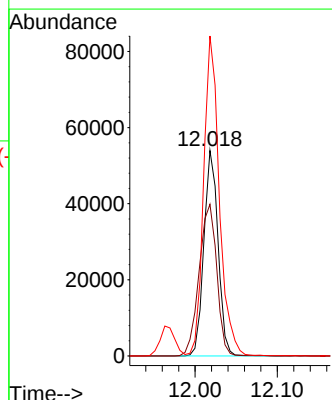
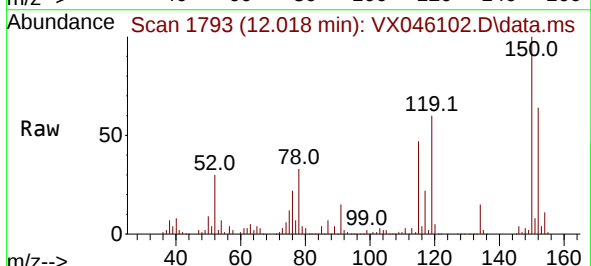
Tgt Ion:152 Resp: 64593

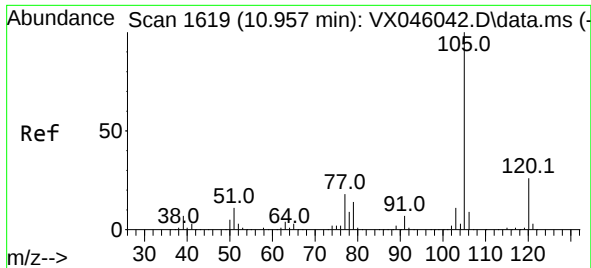
Ion Ratio Lower Upper

152 100

115 92.0 46.9 140.7

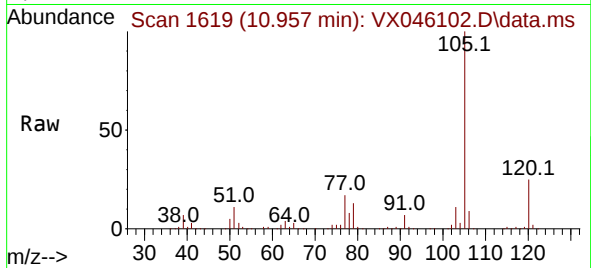
150 172.9 0.0 351.0





#73
Isopropylbenzene
Concen: 47.056 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

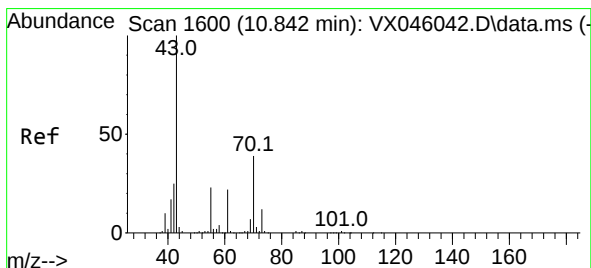
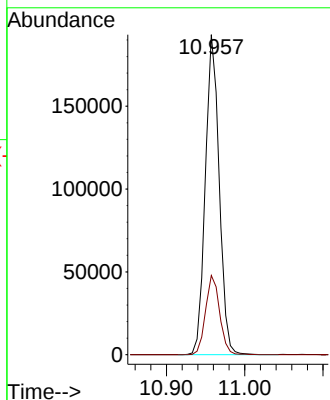
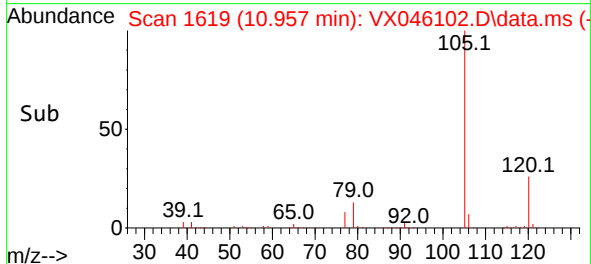
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 23663
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.4

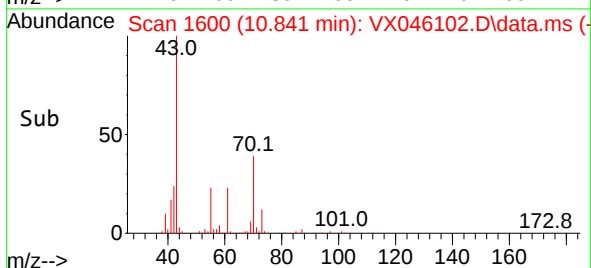
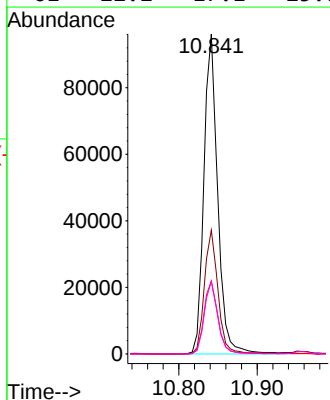
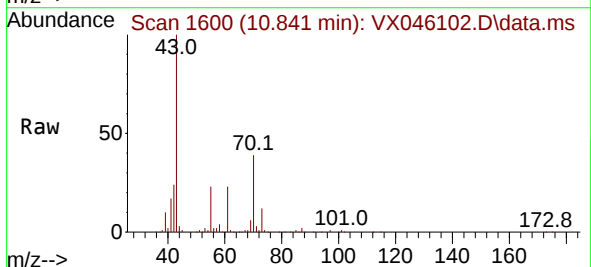
Manual Integrations
APPROVED

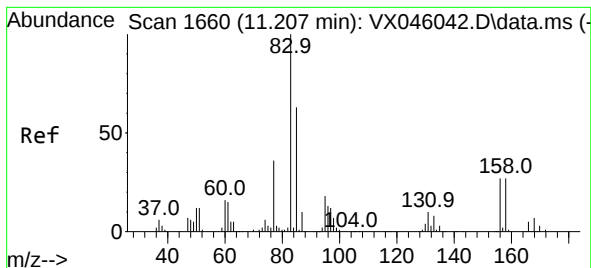
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#74
N-ethyl acetate
Concen: 47.227 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 43 Resp: 117355
Ion Ratio Lower Upper
43 100
70 38.3 30.9 46.3
55 23.0 18.7 28.1
61 22.2 17.1 25.7





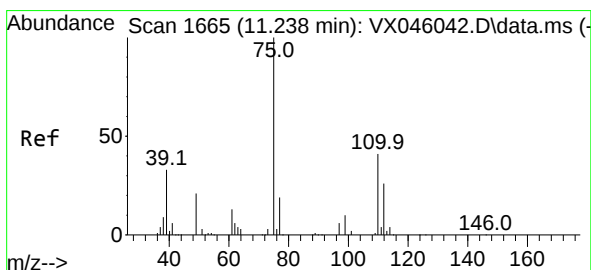
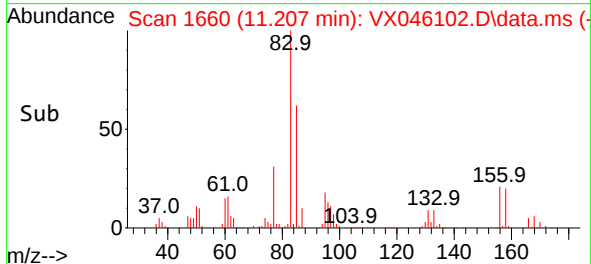
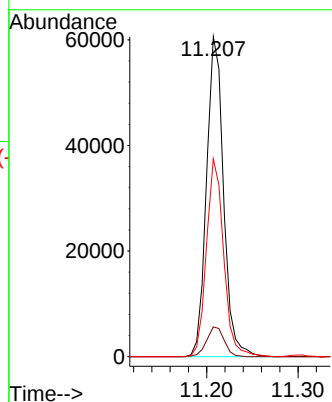
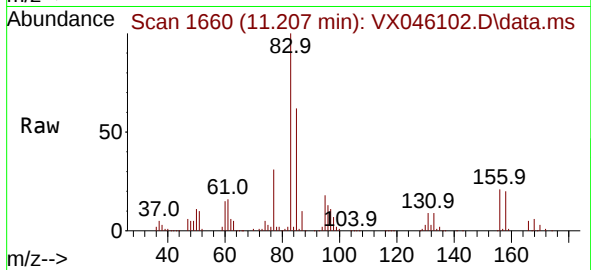
#75
1,1,2,2-Tetrachloroethane
Concen: 44.371 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 78192
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 62.5 31.9 95.7

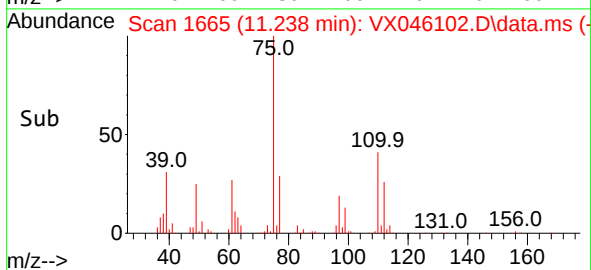
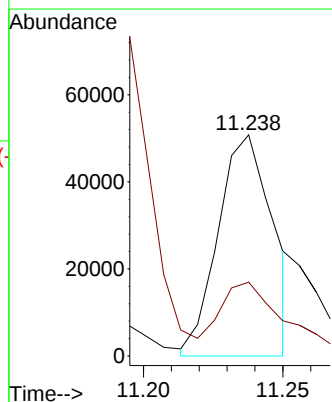
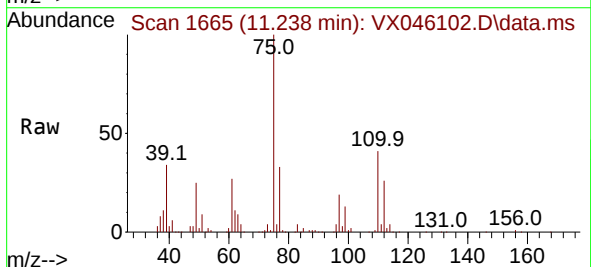
Manual Integrations
APPROVED

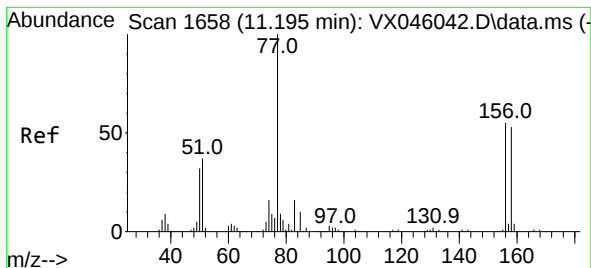
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#76
1,2,3-Trichloropropane
Concen: 44.300 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 75 Resp: 68877
Ion Ratio Lower Upper
75 100
77 40.6 20.5 61.5





#77

Bromobenzene

Concen: 45.451 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

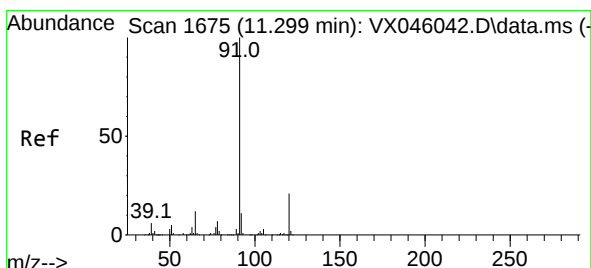
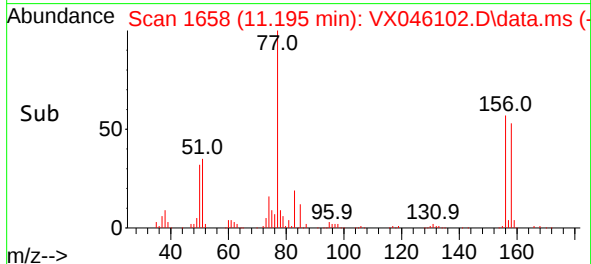
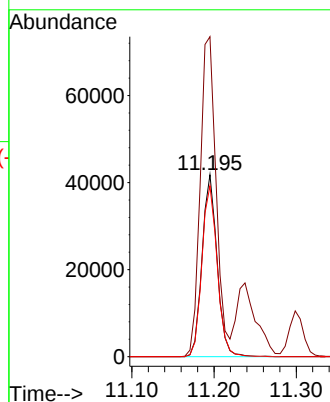
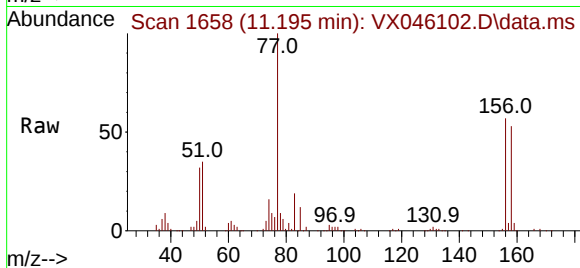
Tgt Ion:	156	Resp:	53064
Ion Ratio	Lower	Upper	
156	100		
77	187.3	92.8	278.3
158	96.3	48.8	146.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#78

n-propylbenzene

Concen: 46.851 ug/l

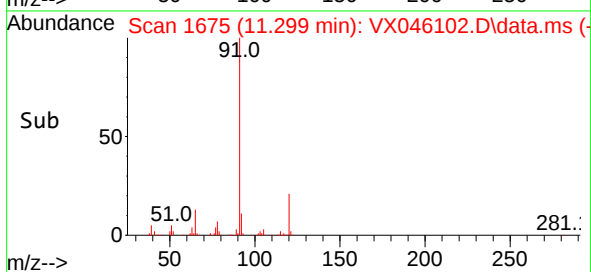
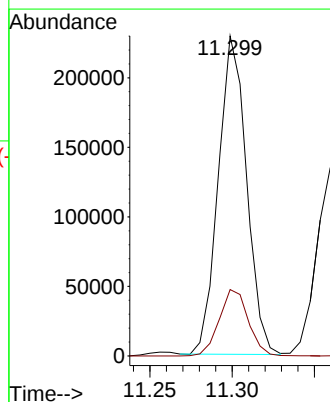
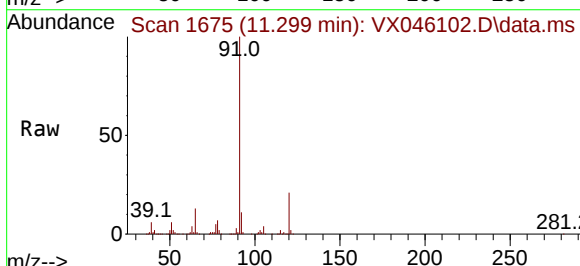
RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Tgt Ion:	91	Resp:	273944
Ion Ratio	Lower	Upper	
91	100		
120	21.5	10.8	32.4





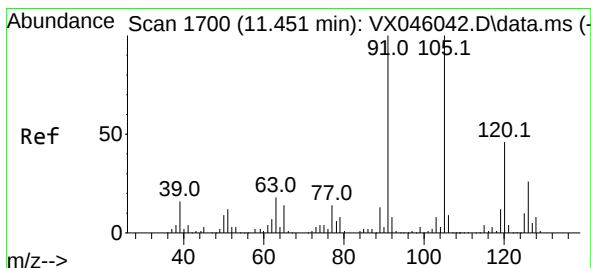
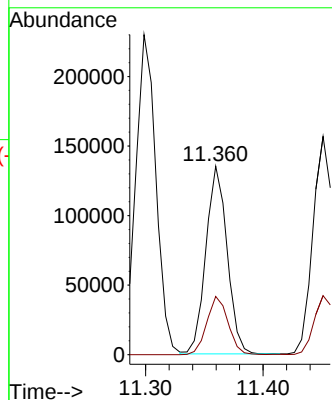
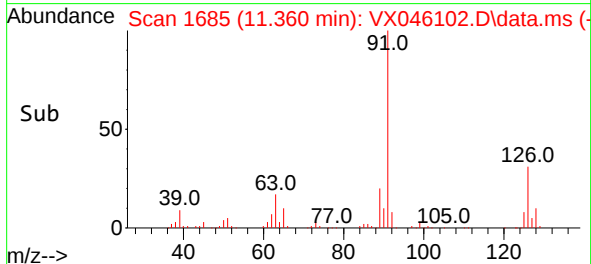
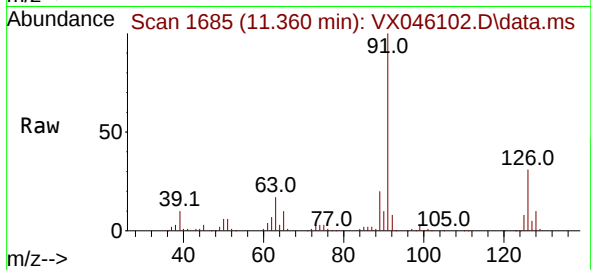
#79
2-Chlorotoluene
Concen: 45.009 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 16974
Ion Ratio Lower Upper
91 100
126 31.0 15.6 46.7

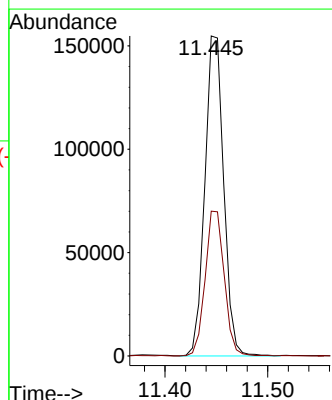
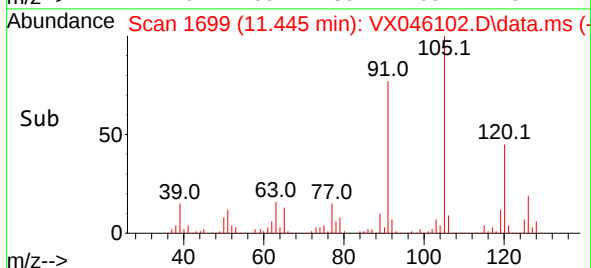
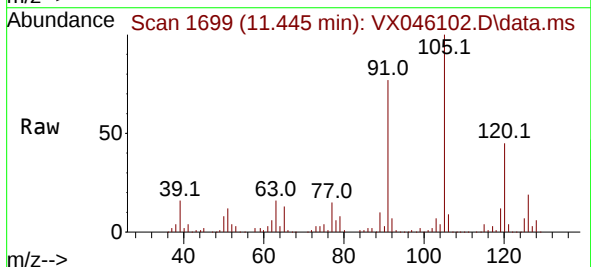
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.084 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

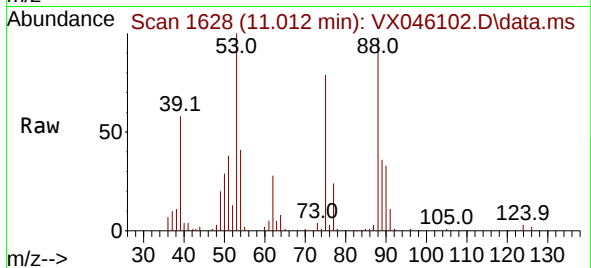
Tgt Ion:105 Resp: 197809
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 45.090 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

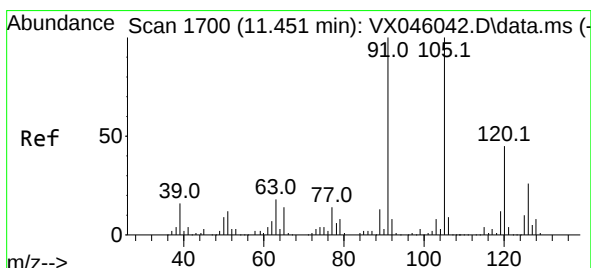
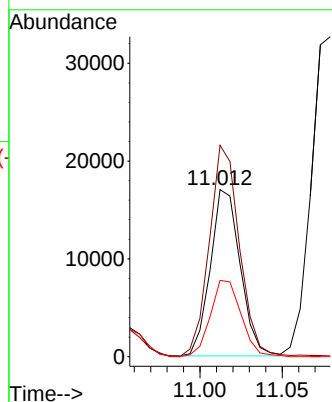
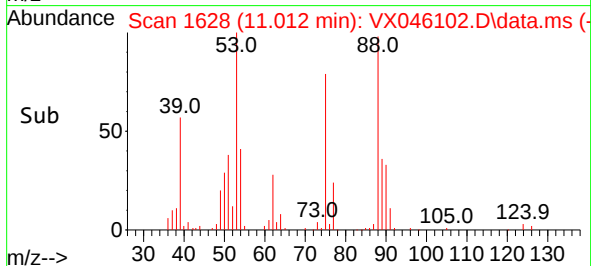
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



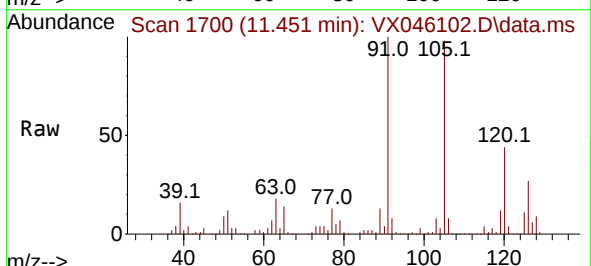
Tgt Ion: 75 Resp: 2153
Ion Ratio Lower Upper
75 100
53 128.8 100.5 150.7
89 47.1 37.0 55.6

Manual Integrations
APPROVED

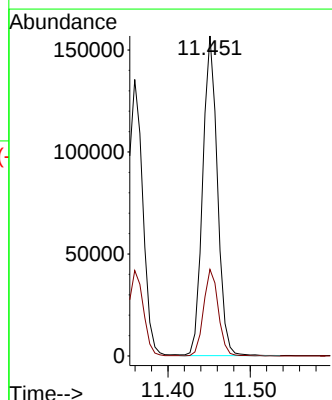
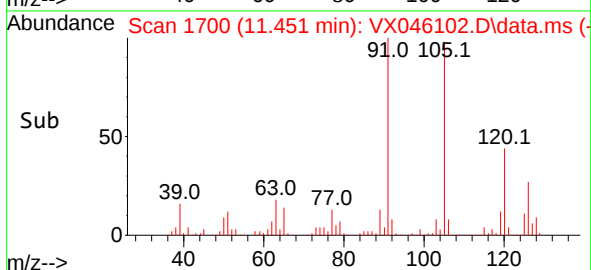
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

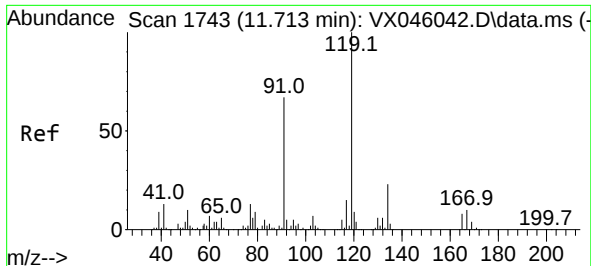


#82
4-Chlorotoluene
Concen: 46.667 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



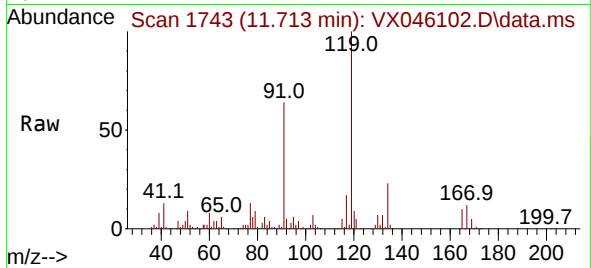
Tgt Ion: 91 Resp: 195179
Ion Ratio Lower Upper
91 100
126 27.1 13.3 39.8





#83
tert-Butylbenzene
Concen: 45.963 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

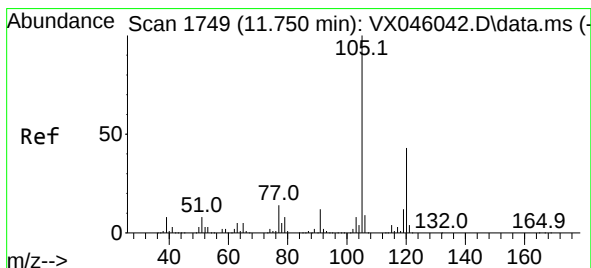
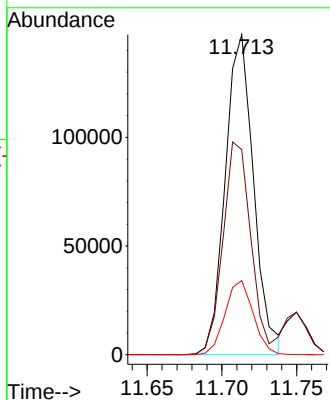
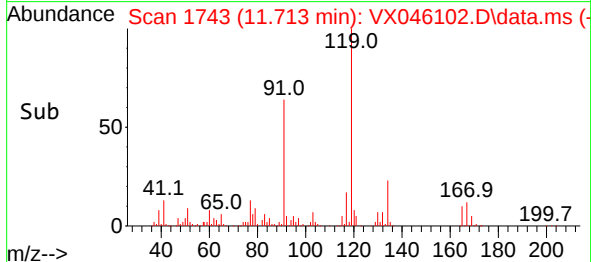
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 194507
Ion Ratio Lower Upper
119 100
91 65.0 32.9 98.7
134 22.9 11.4 34.1

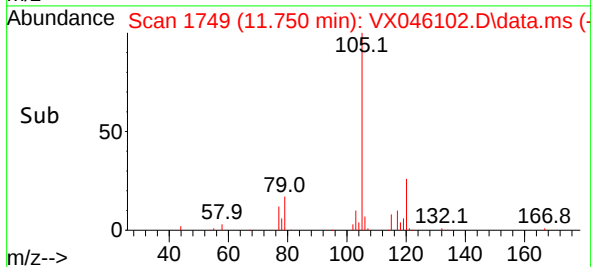
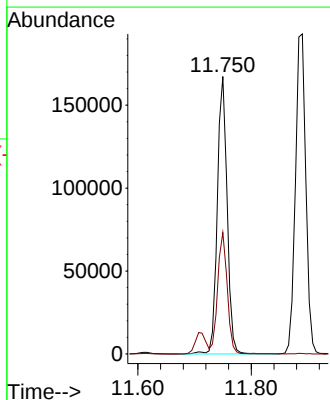
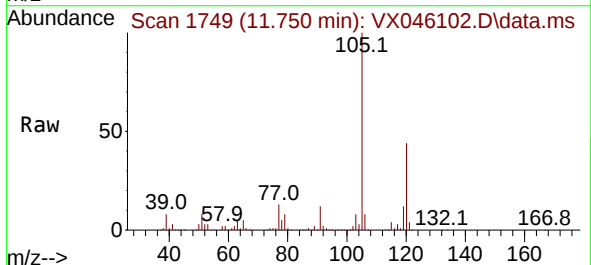
Manual Integrations
APPROVED

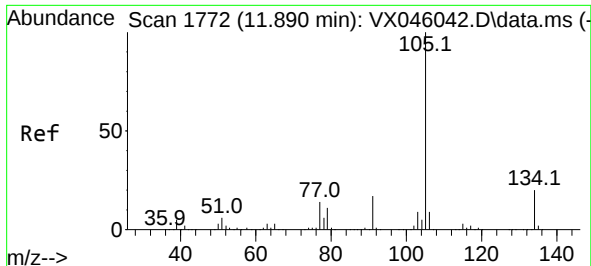
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#84
1,2,4-Trimethylbenzene
Concen: 47.169 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

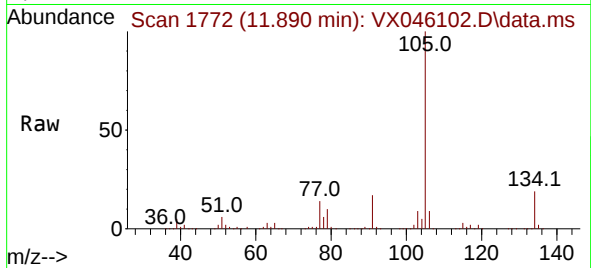
Tgt Ion:105 Resp: 200678
Ion Ratio Lower Upper
105 100
120 42.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 47.255 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05

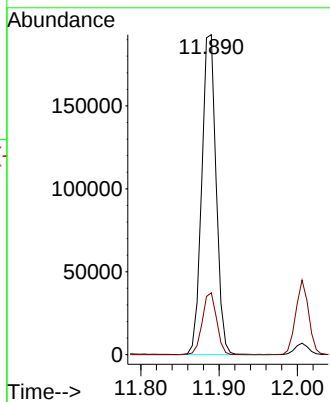
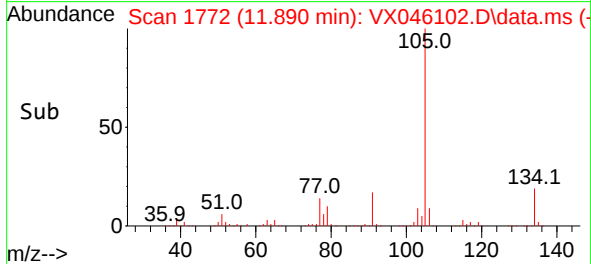
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



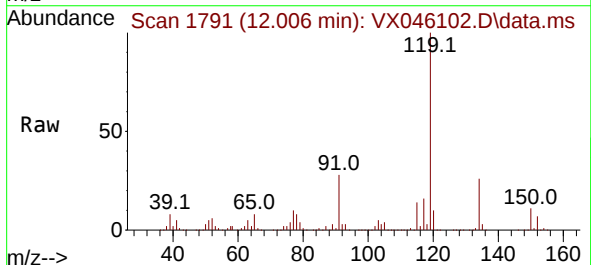
Tgt Ion:105 Resp: 245530
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 29.1

Manual Integrations
 APPROVED

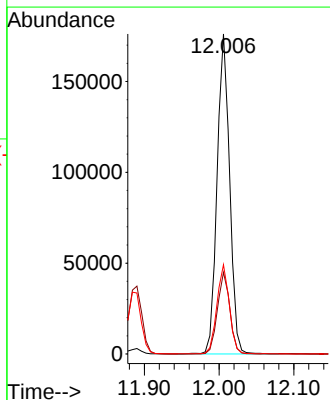
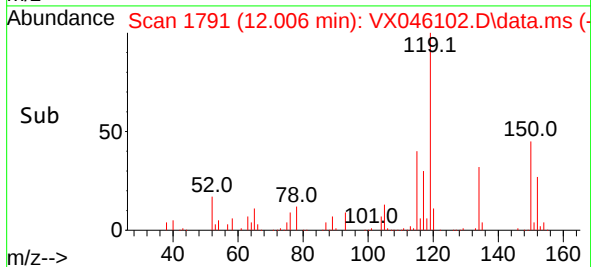
Reviewed By :John Carlone 05/12/2025
 Supervised By :Mahesh Dadoda 05/12/2025



#86
 p-Isopropyltoluene
 Concen: 47.772 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046102.D
 Acq: 09 May 2025 10:05



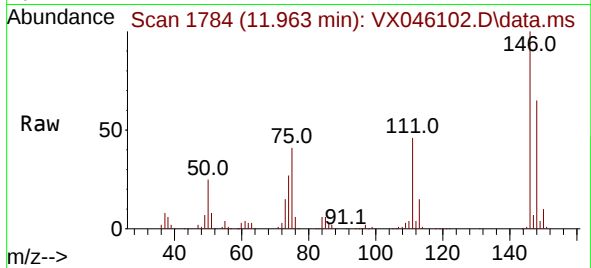
Tgt Ion:119 Resp: 204887
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.5 37.5
 91 27.5 13.8 41.4





#87
1,3-Dichlorobenzene
Concen: 45.711 ug/l
RT: 11.963 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

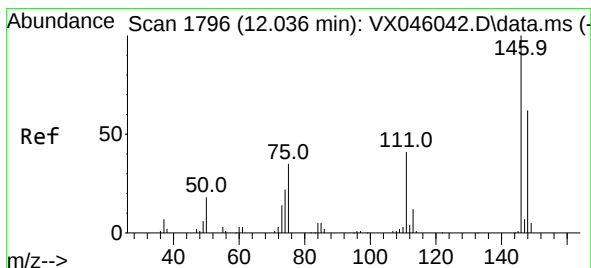
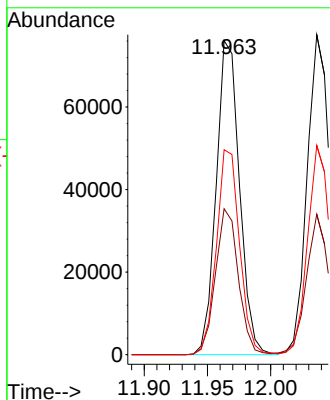
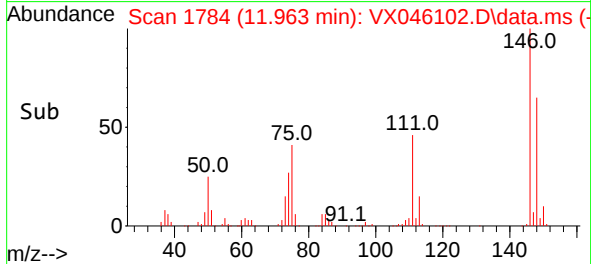
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



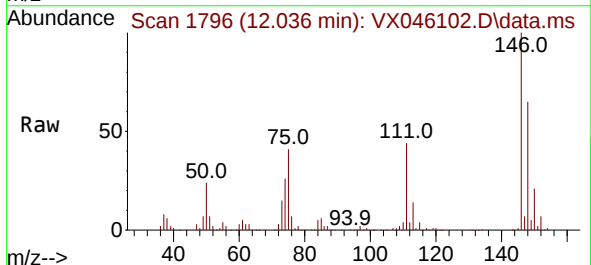
Tgt Ion:146 Resp: 97397
Ion Ratio Lower Upper
146 100
111 45.7 22.1 66.3
148 64.8 32.1 96.5

Manual Integrations
APPROVED

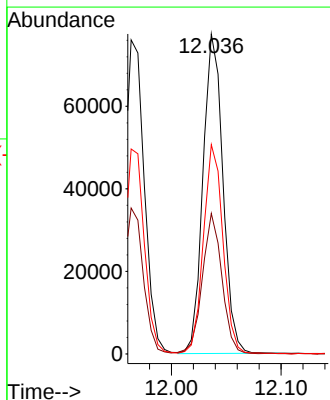
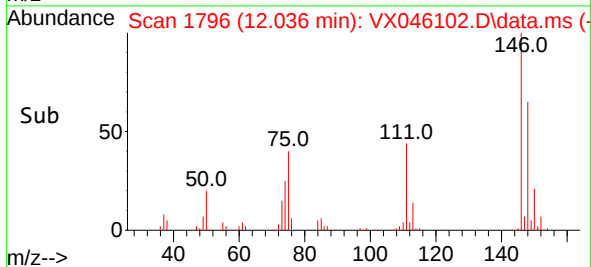
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025

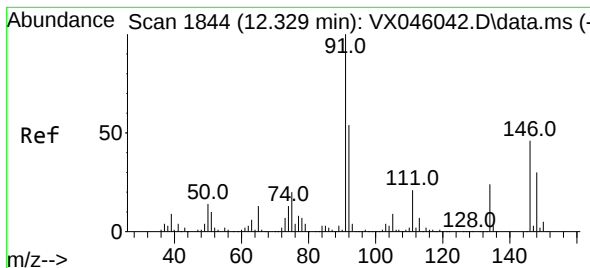


#88
1,4-Dichlorobenzene
Concen: 44.887 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



Tgt Ion:146 Resp: 97674
Ion Ratio Lower Upper
146 100
111 43.4 21.3 63.9
148 64.6 31.9 95.5





#89

n-Butylbenzene

Concen: 49.026 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 184440

Ion Ratio Lower Upper

91 100

92 53.3 26.9 80.7

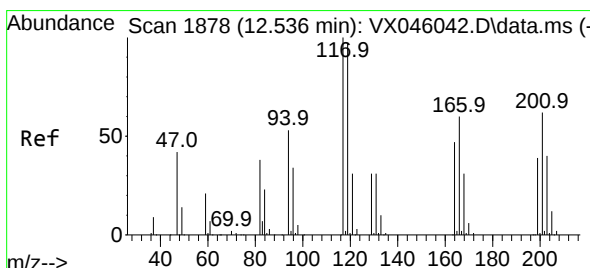
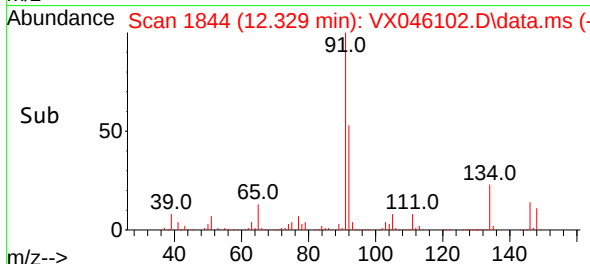
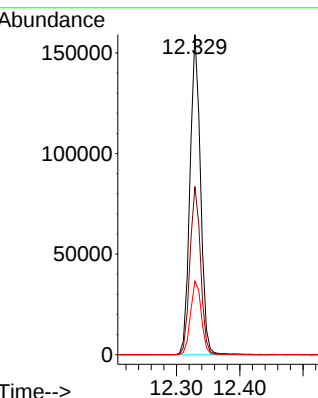
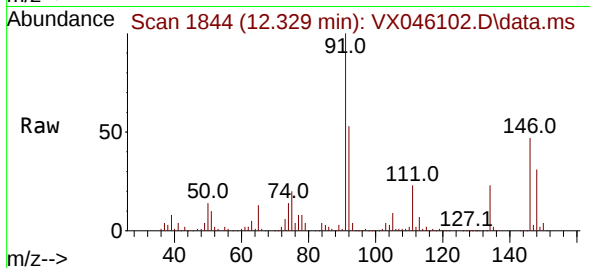
134 23.7 11.8 35.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#90

Hexachloroethane

Concen: 47.291 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. -0.000 min

Lab File: VX046102.D

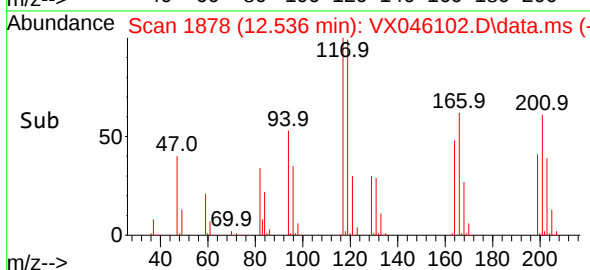
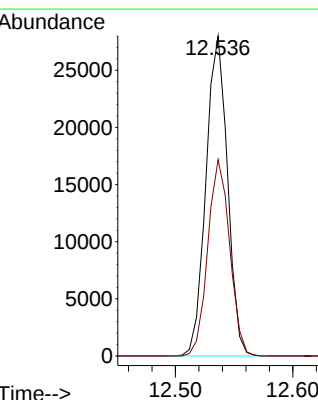
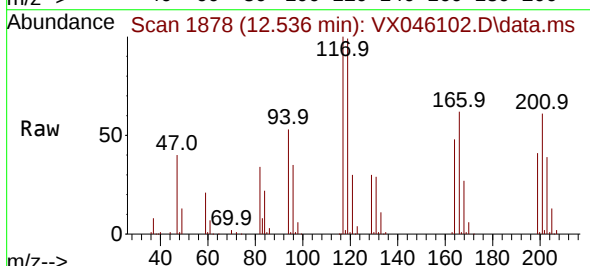
Acq: 09 May 2025 10:05

Tgt Ion:117 Resp: 35733

Ion Ratio Lower Upper

117 100

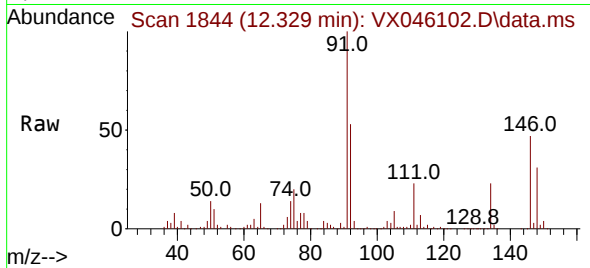
201 62.3 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 45.460 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

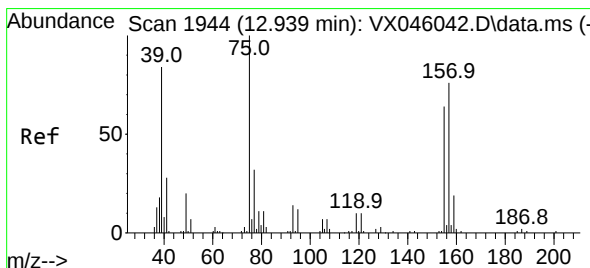
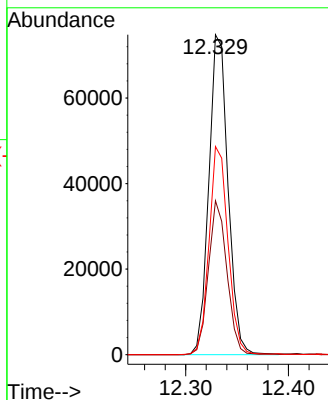
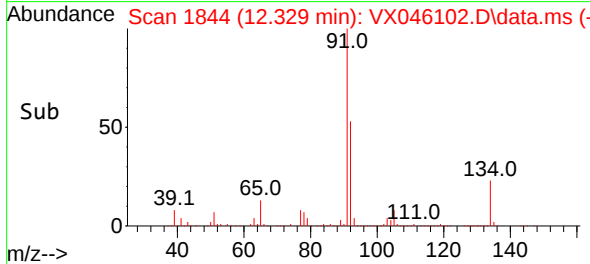
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 97200
Ion Ratio Lower Upper
146 100
111 46.6 22.4 67.3
148 64.4 31.6 94.8

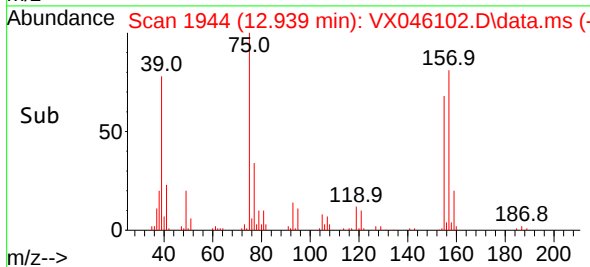
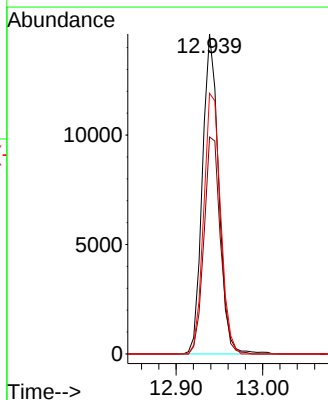
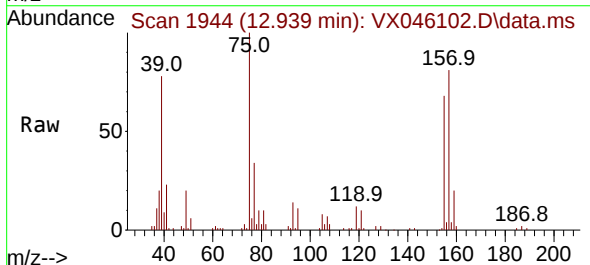
Manual Integrations
APPROVED

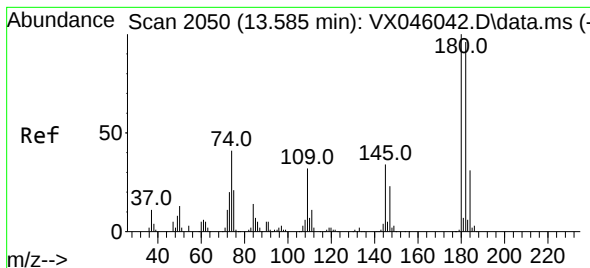
Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.894 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

Tgt Ion: 75 Resp: 19088
Ion Ratio Lower Upper
75 100
155 68.8 34.9 104.8
157 84.1 43.8 131.4





#93

1,2,4-Trichlorobenzene

Concen: 46.643 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

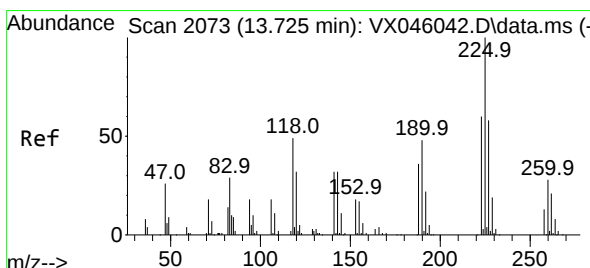
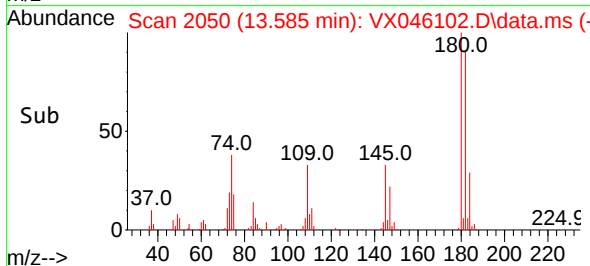
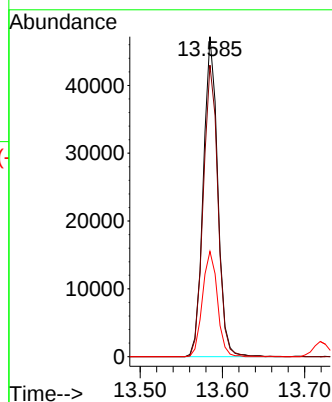
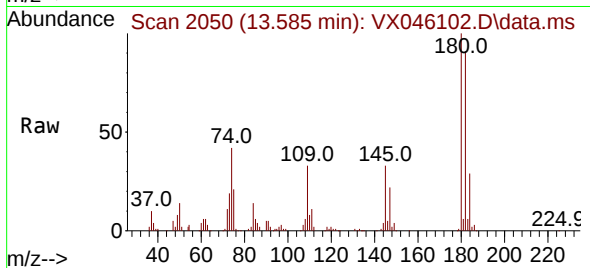
Tgt Ion:180	Resp:	5728
Ion Ratio	Lower	Upper
180	100	
182	92.9	47.9 143.8
145	34.0	17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2025

Supervised By :Mahesh Dadoda 05/12/2025



#94

Hexachlorobutadiene

Concen: 48.433 ug/l

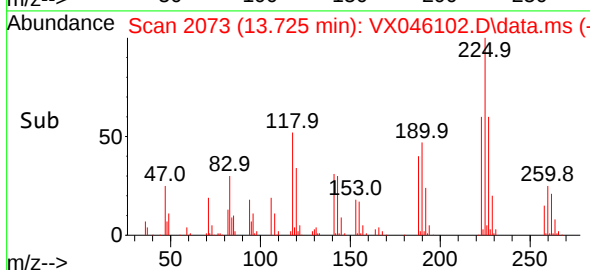
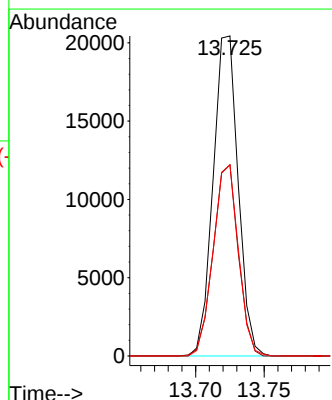
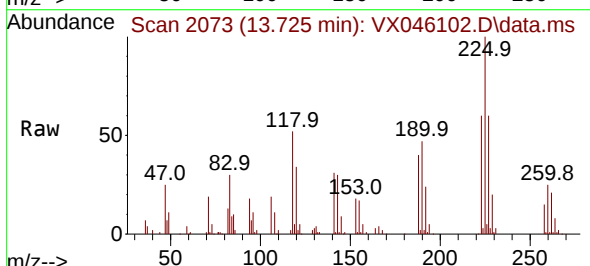
RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX046102.D

Acq: 09 May 2025 10:05

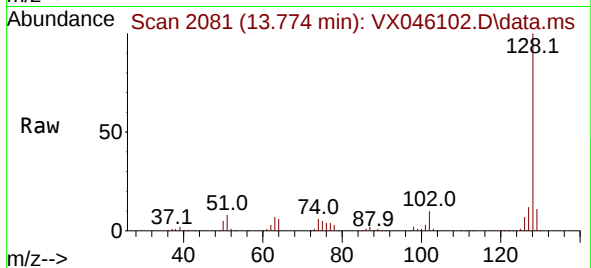
Tgt Ion:225	Resp:	25977
Ion Ratio	Lower	Upper
225	100	
223	59.9	30.8 92.4
227	60.2	30.9 92.7





#95
Naphthalene
Concen: 45.356 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05

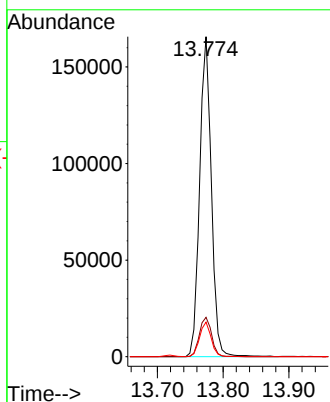
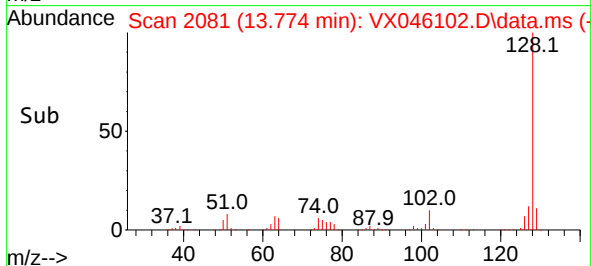
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



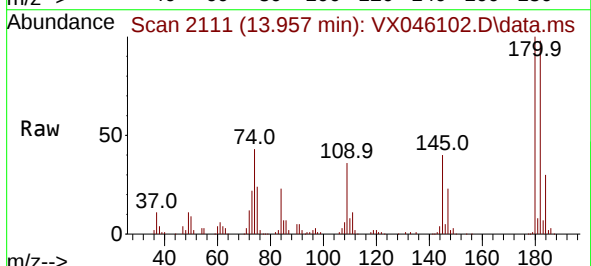
Tgt Ion:128 Resp: 204290
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2025
Supervised By :Mahesh Dadoda 05/12/2025



#96
1,2,3-Trichlorobenzene
Concen: 45.684 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046102.D
Acq: 09 May 2025 10:05



Tgt Ion:180 Resp: 57889
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.3
145 37.0 18.1 54.3

