

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046775.D
 Acq On : 19 Jun 2025 17:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 20 05:22:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	129409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	216626	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	95668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83815	46.825	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.660%		
35) Dibromofluoromethane	5.397	113	69249	48.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.640%		
50) Toluene-d8	8.647	98	246552	47.880	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.760%		
62) 4-Bromofluorobenzene	11.079	95	93266	48.588	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.180%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	74095	53.629	ug/l	99
3) Chloromethane	1.307	50	77768	52.149	ug/l	96
4) Vinyl Chloride	1.386	62	85590	53.822	ug/l	98
5) Bromomethane	1.618	94	49377	55.188	ug/l	95
6) Chloroethane	1.703	64	53474	55.480	ug/l	94
7) Trichlorofluoromethane	1.904	101	127152	52.659	ug/l	99
8) Diethyl Ether	2.148	74	44616	53.840	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	79479	53.654	ug/l	98
10) Methyl Iodide	2.465	142	85230	46.314	ug/l	100
11) Tert butyl alcohol	2.959	59	35007	217.898	ug/l	100
12) 1,1-Dichloroethene	2.337	96	76619	53.603	ug/l	98
13) Acrolein	2.245	56	69969	298.999	ug/l	98
14) Allyl chloride	2.678	41	137304	53.017	ug/l	98
15) Acrylonitrile	3.075	53	185932	257.376	ug/l	99
16) Acetone	2.386	43	144349	241.828	ug/l	97
17) Carbon Disulfide	2.526	76	205491	47.607	ug/l	99
18) Methyl Acetate	2.715	43	78667	51.889	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	225140	50.585	ug/l	100
20) Methylene Chloride	2.800	84	83440	50.266	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	79204	51.786	ug/l	99
22) Diisopropyl ether	3.770	45	270205	54.281	ug/l	98
23) Vinyl Acetate	3.733	43	1055978	266.763	ug/l	99
24) 1,1-Dichloroethane	3.623	63	148012	52.369	ug/l	99
25) 2-Butanone	4.562	43	216354	256.282	ug/l	97
26) 2,2-Dichloropropane	4.489	77	106712	51.768	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	94359	52.513	ug/l	99
28) Bromochloromethane	4.910	49	66329	51.765	ug/l	99
29) Tetrahydrofuran	5.007	42	139493	255.819	ug/l	99
30) Chloroform	5.105	83	149506	52.894	ug/l	95
31) Cyclohexane	5.477	56	137290	51.222	ug/l	94
32) 1,1,1-Trichloroethane	5.397	97	125889	50.784	ug/l	99
36) 1,1-Dichloropropene	5.702	75	105895	51.182	ug/l	100
37) Ethyl Acetate	4.721	43	92088	48.219	ug/l	98
38) Carbon Tetrachloride	5.690	117	111211	49.529	ug/l	99
39) Methylcyclohexane	7.385	83	139618	51.281	ug/l	99
40) Benzene	6.050	78	318931	52.086	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	55058	54.078	ug/l	95
42) 1,2-Dichloroethane	6.092	62	109435	50.860	ug/l	98
43) Isopropyl Acetate	6.342	43	151380	50.655	ug/l	100
44) Trichloroethene	7.135	130	79977	51.252	ug/l	97
45) 1,2-Dichloropropane	7.434	63	78602	51.797	ug/l	94
46) Dibromomethane	7.586	93	54750	50.201	ug/l	99
47) Bromodichloromethane	7.824	83	114561	51.475	ug/l	99
48) Methyl methacrylate	7.696	41	80176	53.494	ug/l	99
49) 1,4-Dioxane	7.665	88	19434	894.415	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	453562	254.472	ug/l	99
52) Toluene	8.720	92	195403	51.477	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	106195	51.427	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	122494	52.254	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	73528	51.978	ug/l	95
56) Ethyl methacrylate	9.116	69	109987	52.671	ug/l	99
57) 1,3-Dichloropropane	9.305	76	125247	51.414	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	321699	296.571	ug/l	100
59) 2-Hexanone	9.427	43	310545	252.021	ug/l	100
60) Dibromochloromethane	9.519	129	85854	51.500	ug/l	99
61) 1,2-Dibromoethane	9.610	107	73504	51.083	ug/l	99
64) Tetrachloroethene	9.275	164	66307	50.181	ug/l	97
65) Chlorobenzene	10.079	112	216318	51.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	72835	51.476	ug/l	99
67) Ethyl Benzene	10.195	91	380469	51.722	ug/l	99
68) m/p-Xylenes	10.299	106	284342	103.739	ug/l	99
69) o-Xylene	10.640	106	136531	53.151	ug/l	98
70) Styrene	10.653	104	238877	53.139	ug/l	99
71) Bromoform	10.799	173	54055	50.164	ug/l #	100
73) Isopropylbenzene	10.963	105	364838	51.780	ug/l	100
74) N-amyl acetate	10.841	43	134737	50.472	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	100156	50.908	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	81274m	46.384	ug/l	
77) Bromobenzene	11.195	156	87850	51.813	ug/l	100
78) n-propylbenzene	11.305	91	432963	51.735	ug/l	99
79) 2-Chlorotoluene	11.360	91	249407	49.914	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	298594	51.570	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	29148	47.021	ug/l	100
82) 4-Chlorotoluene	11.451	91	293281	50.293	ug/l	100
83) tert-Butylbenzene	11.713	119	304194	50.825	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	302076	51.927	ug/l	98
85) sec-Butylbenzene	11.890	105	387895	51.281	ug/l	99
86) p-Isopropyltoluene	12.006	119	325914	51.067	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	162851	49.259	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	161313	47.505	ug/l	100
89) n-Butylbenzene	12.329	91	308844	50.967	ug/l	100
90) Hexachloroethane	12.536	117	54659	48.908	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	154918	50.145	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18542	47.738	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	109313	49.769	ug/l	98
94) Hexachlorobutadiene	13.725	225	45830	49.603	ug/l	99
95) Naphthalene	13.774	128	313462	50.093	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	105543	50.228	ug/l	99

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed Jun 18 03:09:16 2025
Response via : Initial Calibration

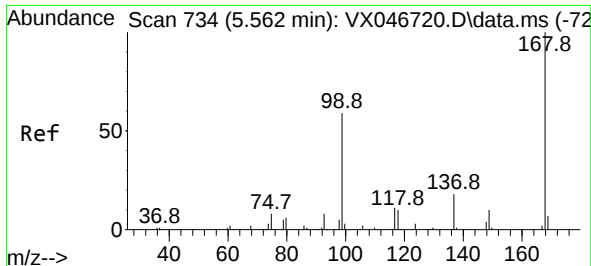
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

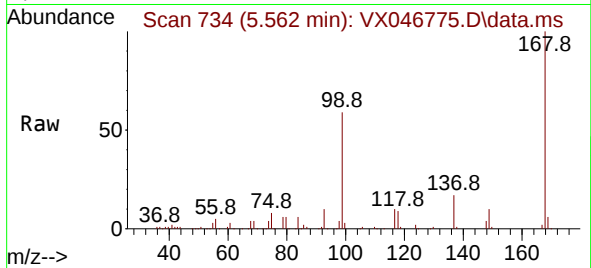
Quant Time: Jun 20 05:22:53 2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

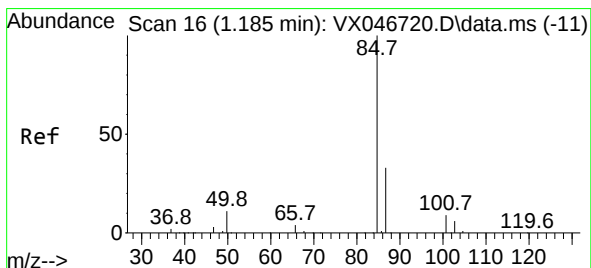
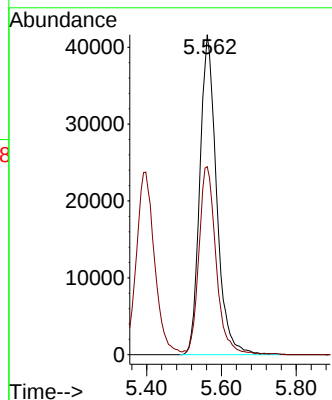
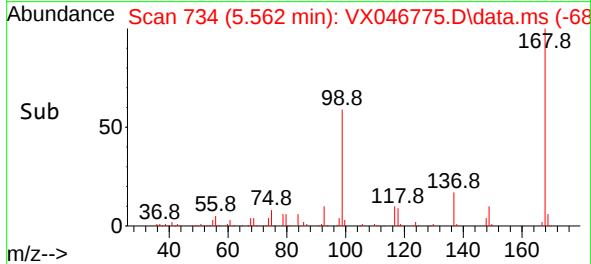
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 129409
Ion Ratio Lower Upper
168 100
99 58.5 48.5 72.7

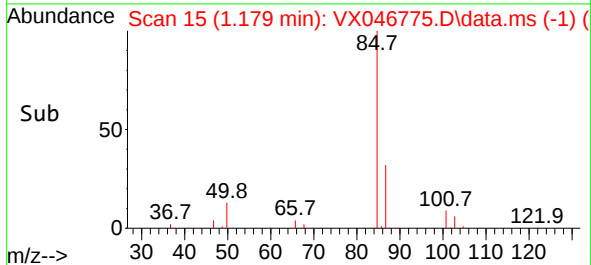
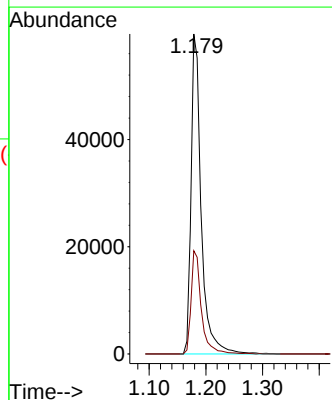
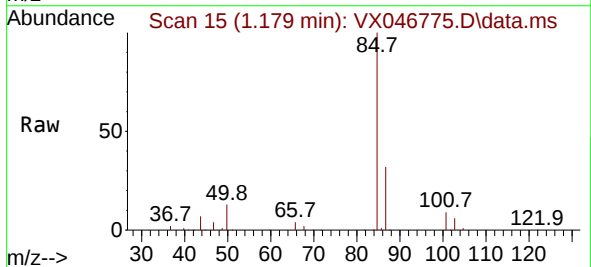
Manual Integrations
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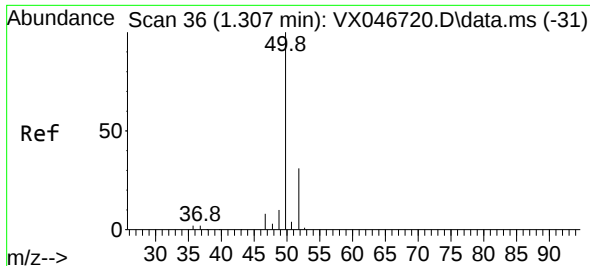
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 53.629 ug/l
RT: 1.179 min Scan# 15
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

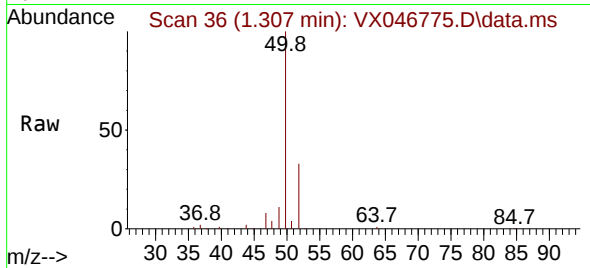
Tgt Ion: 85 Resp: 74095
Ion Ratio Lower Upper
85 100
87 32.6 16.6 49.8





#3
Chloromethane
Concen: 52.149 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

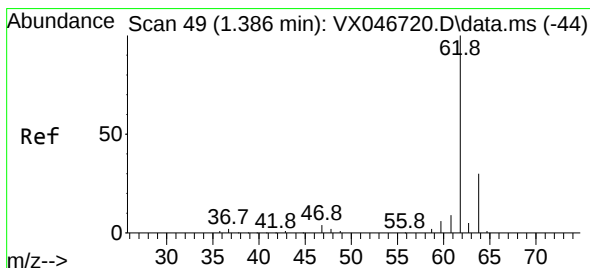
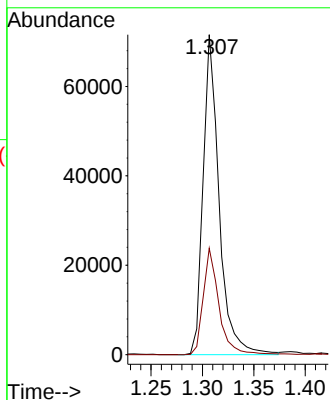
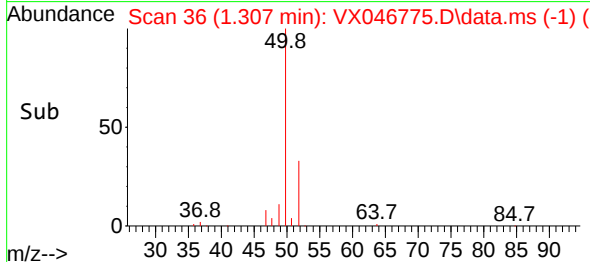
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 7776
Ion Ratio Lower Upper
50 100
52 33.2 24.9 37.3

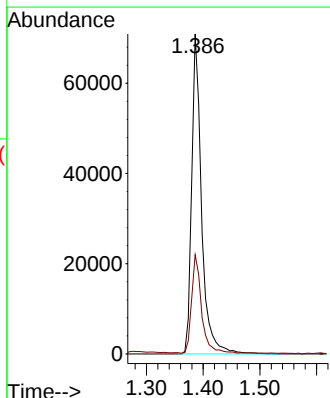
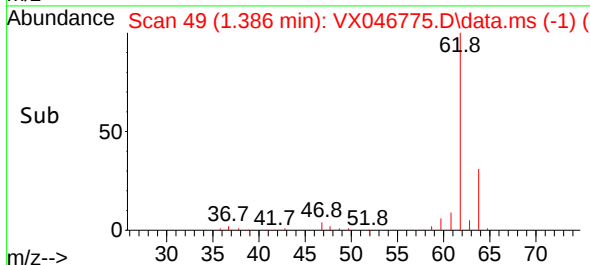
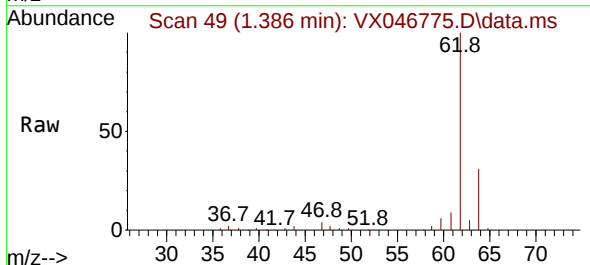
Manual Integrations
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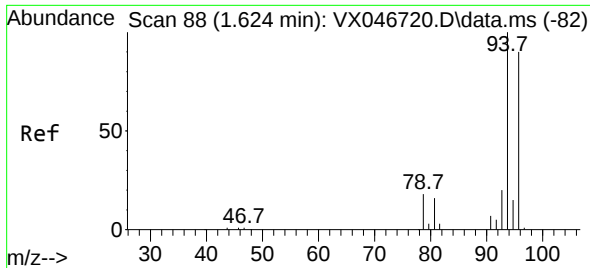
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#4
Vinyl Chloride
Concen: 53.822 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

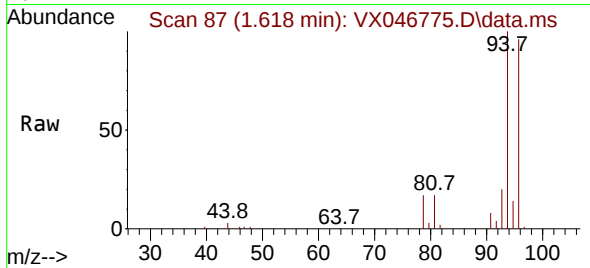
Tgt Ion: 62 Resp: 85590
Ion Ratio Lower Upper
62 100
64 30.8 23.9 35.9





#5
Bromomethane
Concen: 55.188 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

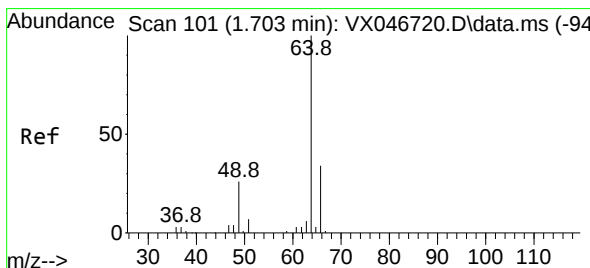
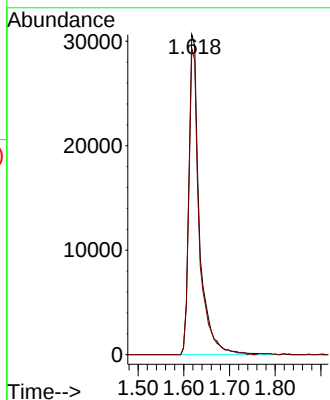
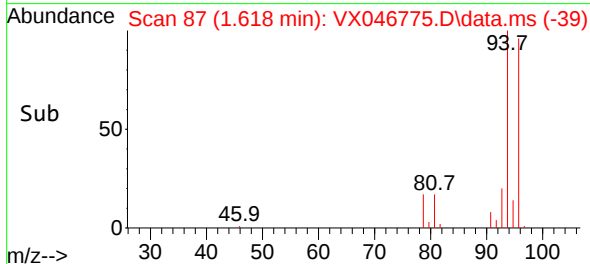
Instrument :
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Tgt Ion: 94 Resp: 4937
Ion Ratio Lower Upper
94 100
96 95.6 72.3 108.5

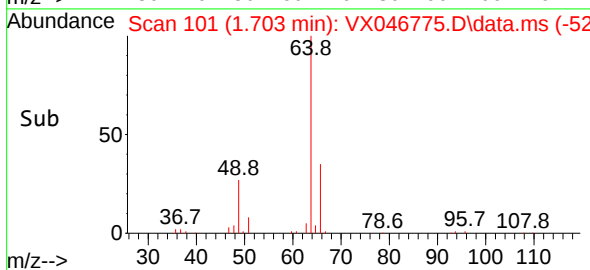
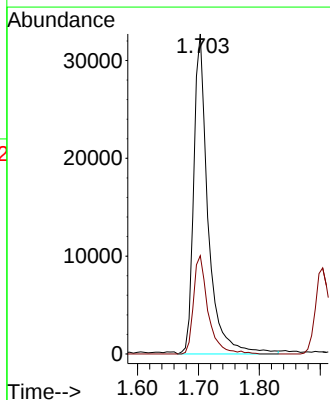
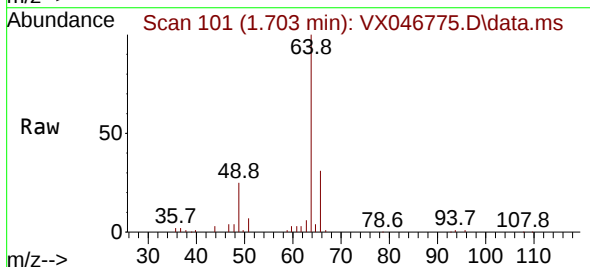
Manual Integrations
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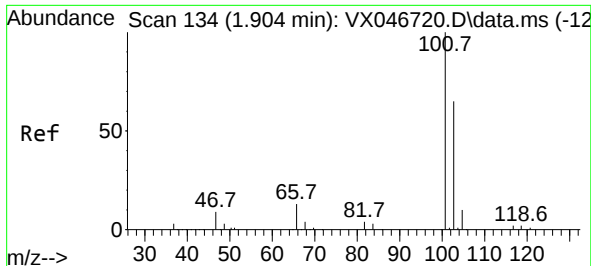
Reviewed By :John Carlone 06/20/2025
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#6
Chloroethane
Concen: 55.480 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046775.D
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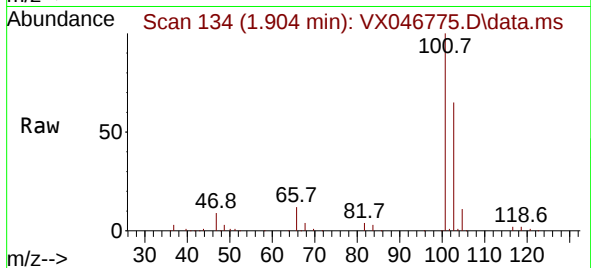
Tgt Ion: 64 Resp: 53474
Ion Ratio Lower Upper
64 100
66 30.7 27.1 40.7





#7
Trichlorofluoromethane
Concen: 52.659 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

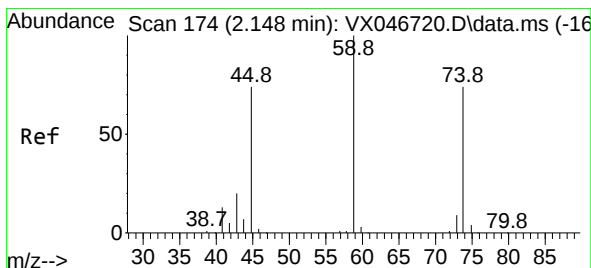
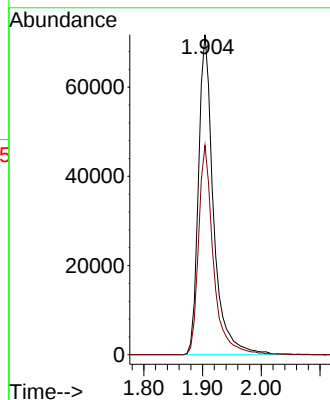
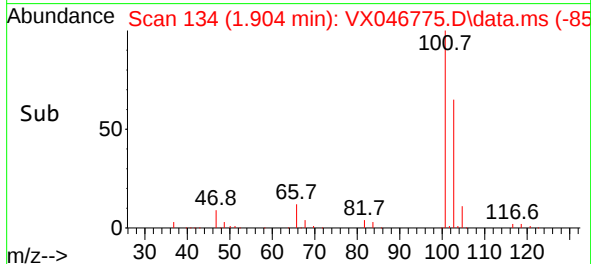
Instrument :
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Tgt Ion:101 Resp: 127152
Ion Ratio Lower Upper
101 100
103 65.4 51.8 77.8

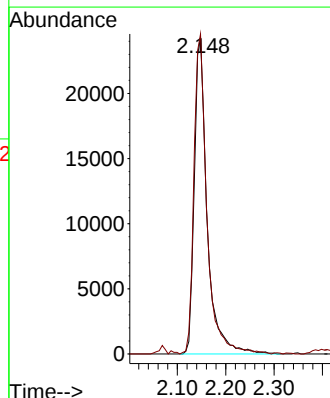
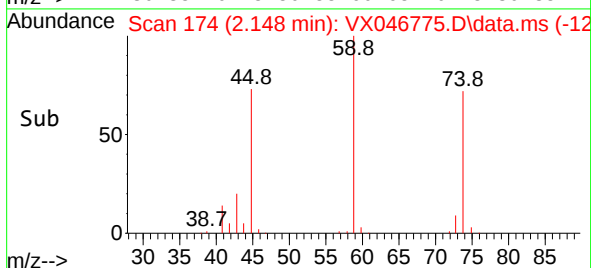
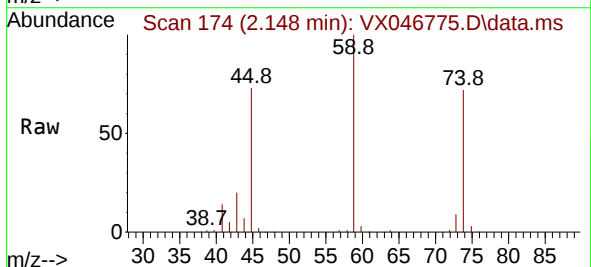
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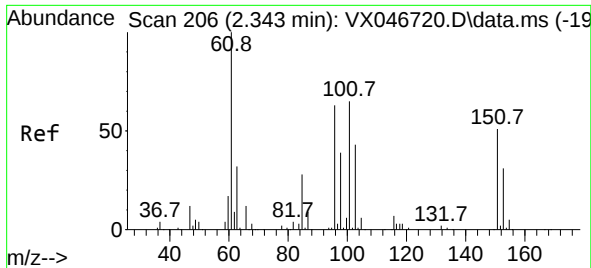
Reviewed By :John Carlone 06/20/2025
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#8
Diethyl Ether
Concen: 53.840 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 74 Resp: 44616
Ion Ratio Lower Upper
74 100
45 102.7 52.3 157.1





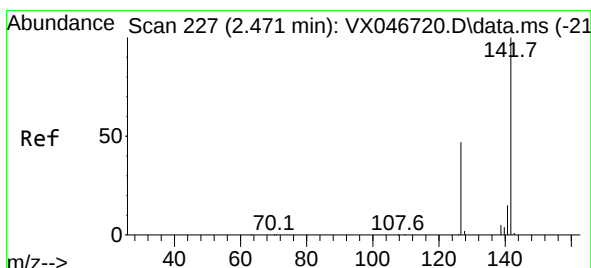
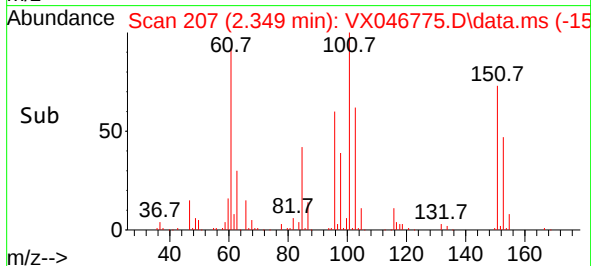
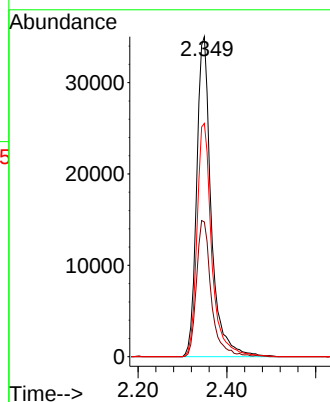
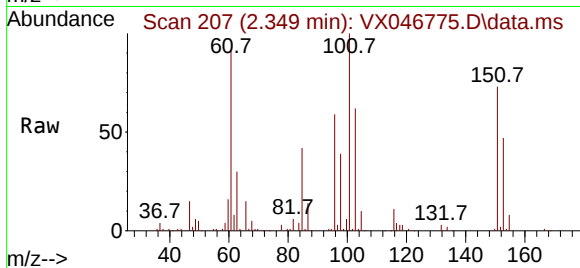
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.654 ug/l
RT: 2.349 min Scan# 206
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 79479
Ion Ratio Lower Upper
101 100
85 43.2 35.4 53.0
151 74.1 61.2 91.8

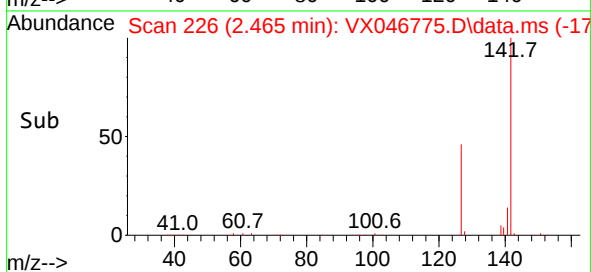
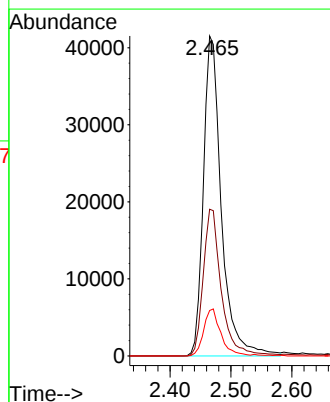
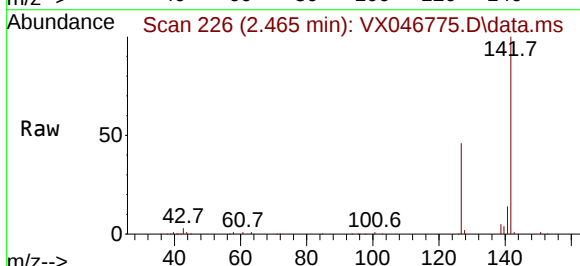
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 46.314 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

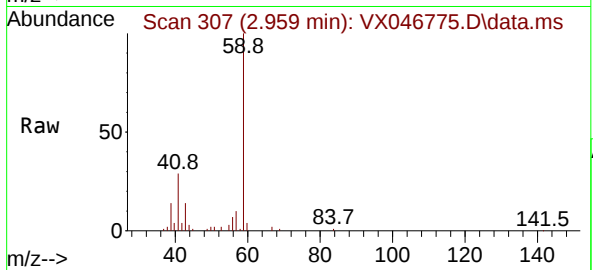
Tgt Ion:142 Resp: 85230
Ion Ratio Lower Upper
142 100
127 46.1 37.0 55.6
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 217.898 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

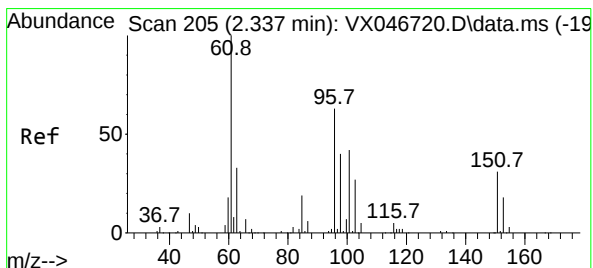
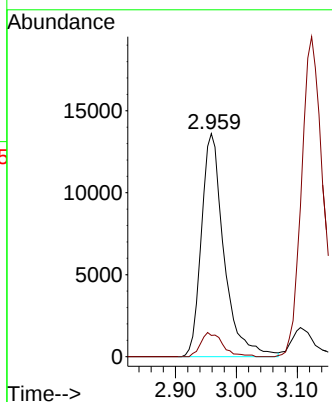
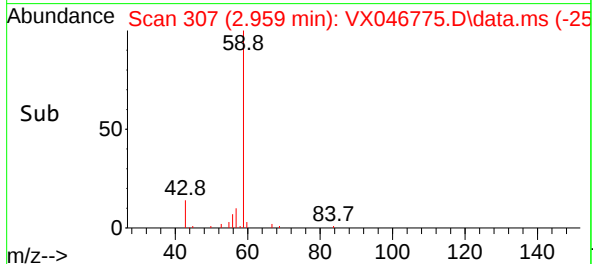
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 3500
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

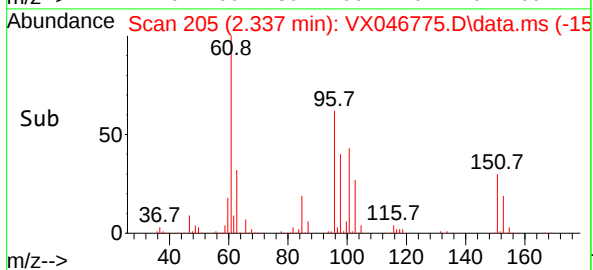
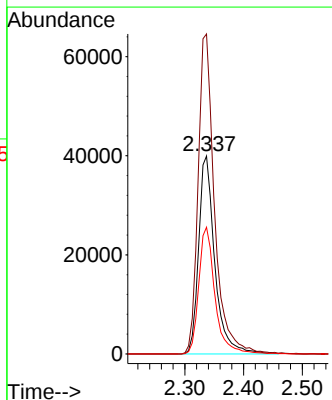
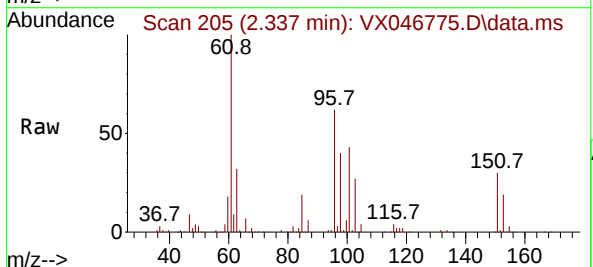
Manual Integrations
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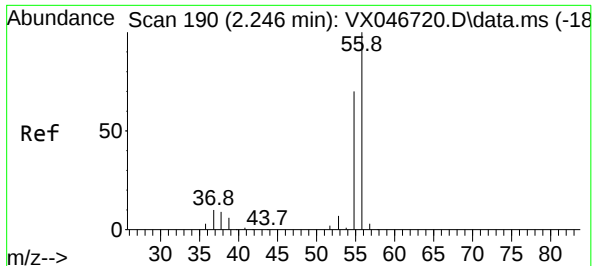
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#12
1,1-Dichloroethene
Concen: 53.603 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 96 Resp: 76619
Ion Ratio Lower Upper
96 100
61 161.7 126.6 189.8
98 64.0 50.7 76.1





#13

Acrolein

Concen: 298.999 ug/l

RT: 2.245 min Scan# 190

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 69969

Ion Ratio Lower Upper

56 100

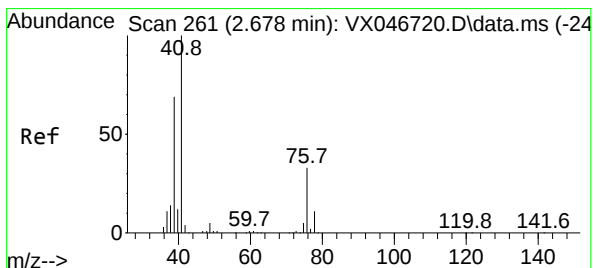
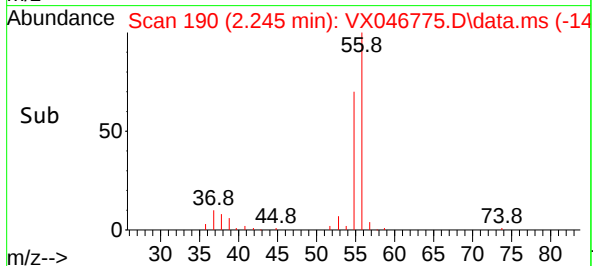
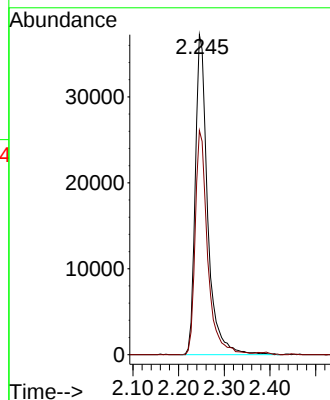
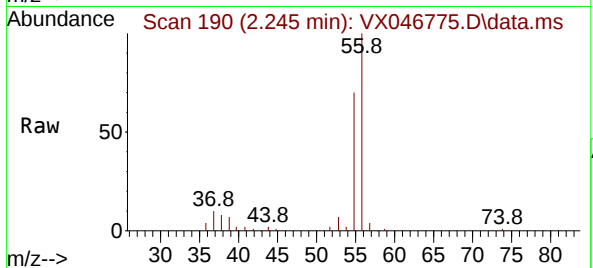
55 70.7 55.2 82.8

Manual Integrations

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Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#14

Allyl chloride

Concen: 53.017 ug/l

RT: 2.678 min Scan# 261

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

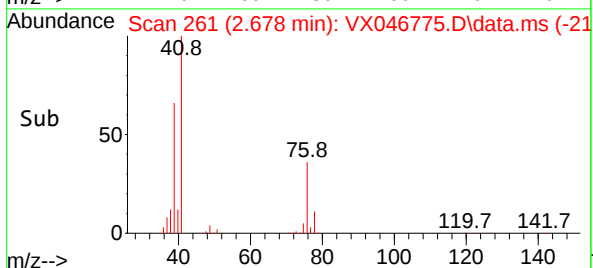
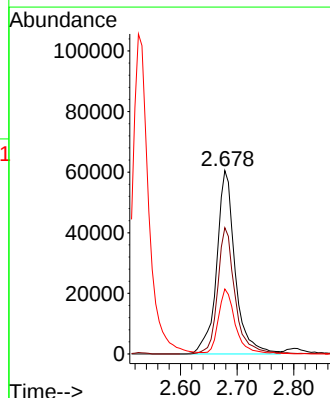
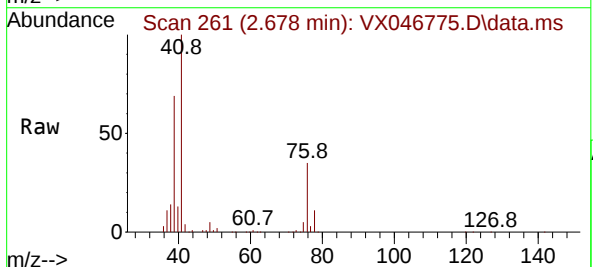
Tgt Ion: 41 Resp: 137304

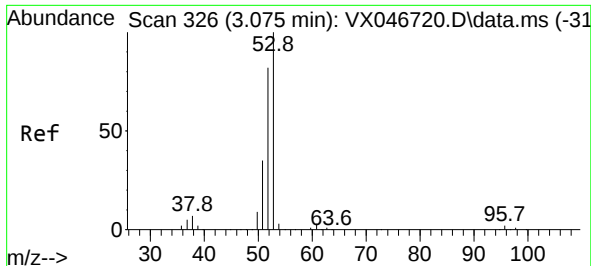
Ion Ratio Lower Upper

41 100

39 65.0 53.6 80.4

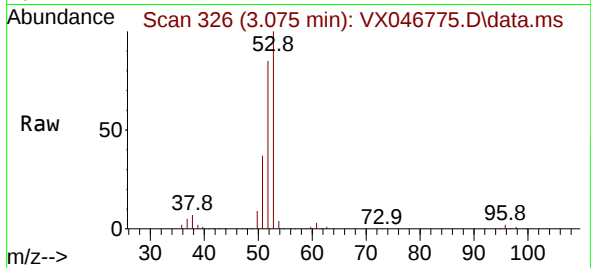
76 32.3 26.8 40.2





#15
Acrylonitrile
Concen: 257.376 ug/l
RT: 3.075 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

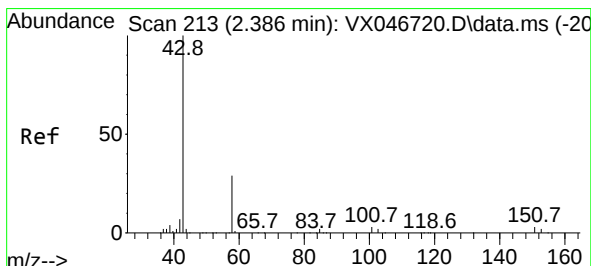
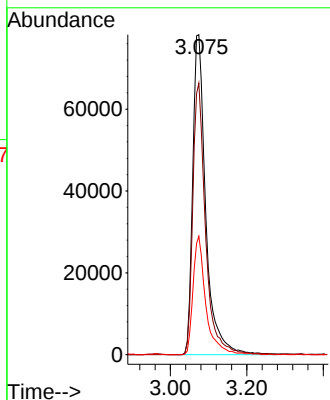
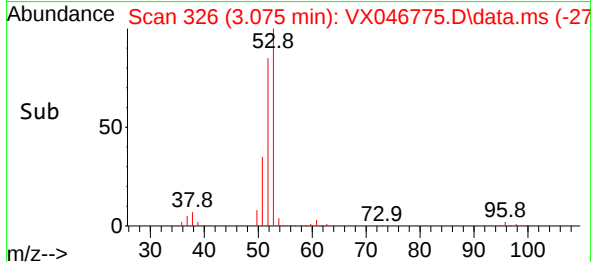
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



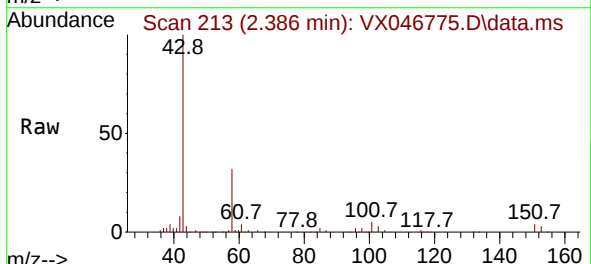
Tgt Ion: 53 Resp: 185932
Ion Ratio Lower Upper
53 100
52 82.3 65.1 97.7
51 36.4 28.9 43.3

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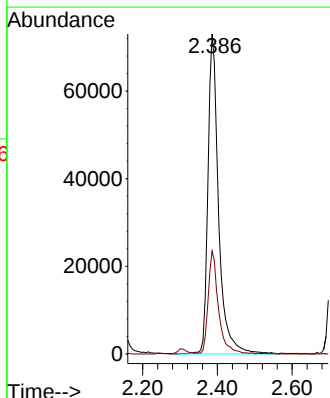
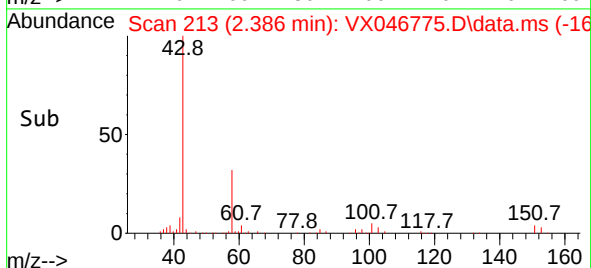
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

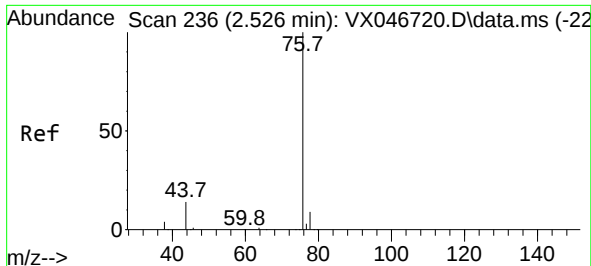


#16
Acetone
Concen: 241.828 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



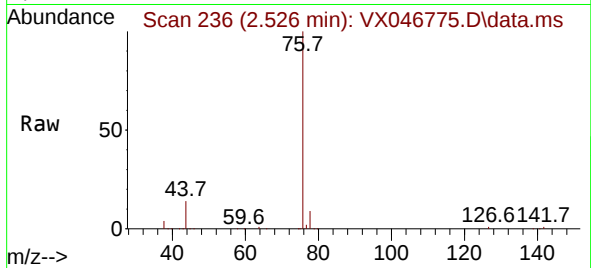
Tgt Ion: 43 Resp: 144349
Ion Ratio Lower Upper
43 100
58 32.3 24.5 36.7





#17
Carbon Disulfide
Concen: 47.607 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

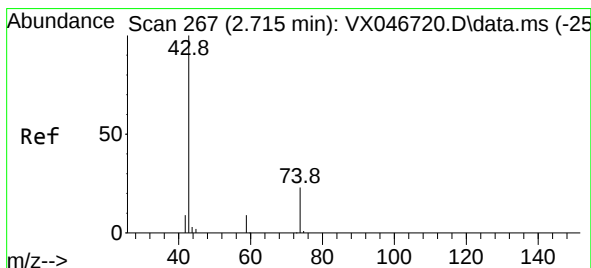
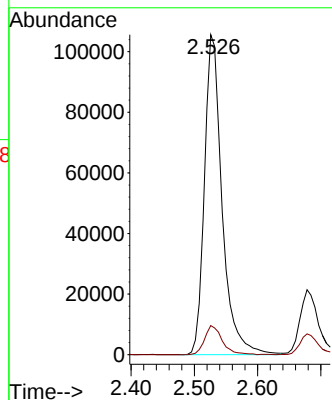
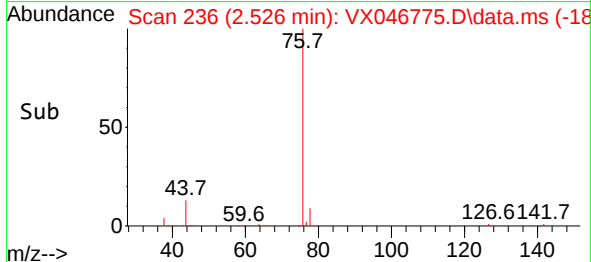
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 20549
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

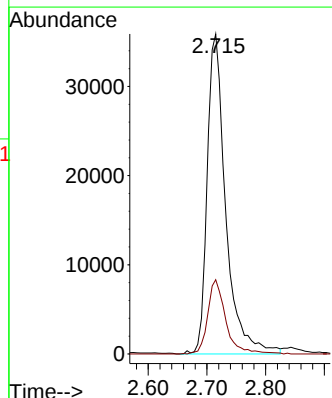
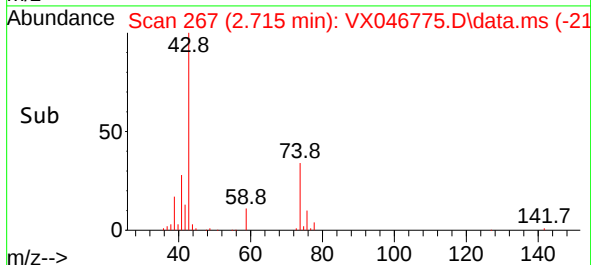
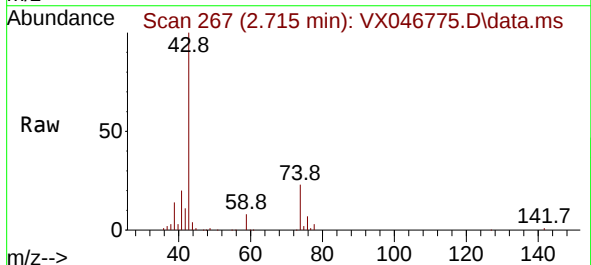
Manual Integrations
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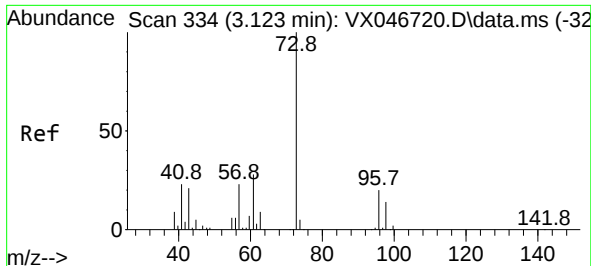
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 51.889 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 43 Resp: 78667
Ion Ratio Lower Upper
43 100
74 22.7 18.4 27.6





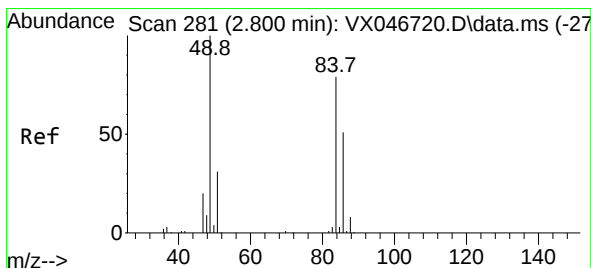
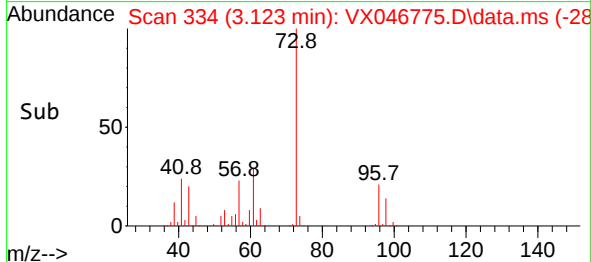
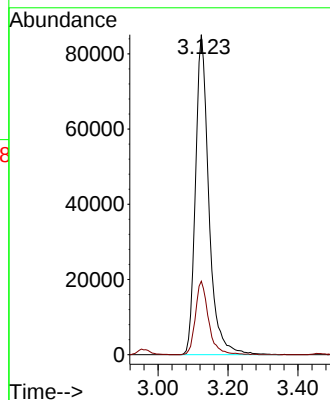
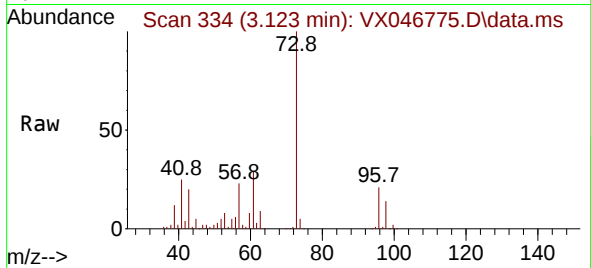
#19
Methyl tert-butyl Ether
Concen: 50.585 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 225140
Ion Ratio Lower Upper
73 100
57 22.9 18.2 27.2

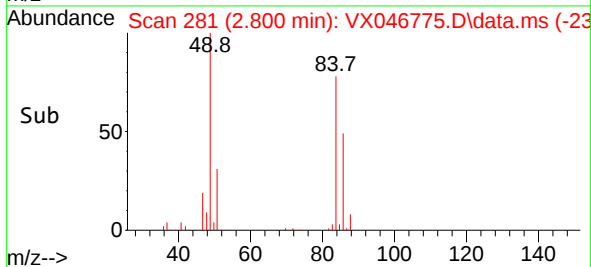
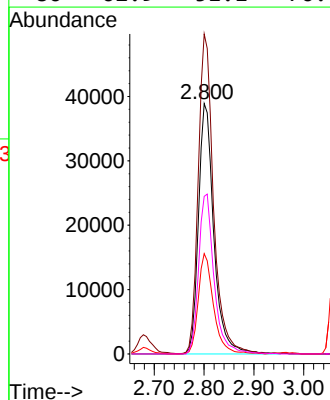
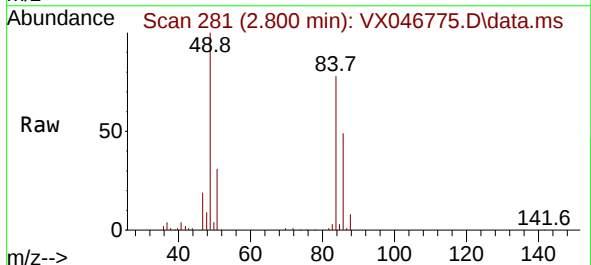
Manual Integrations
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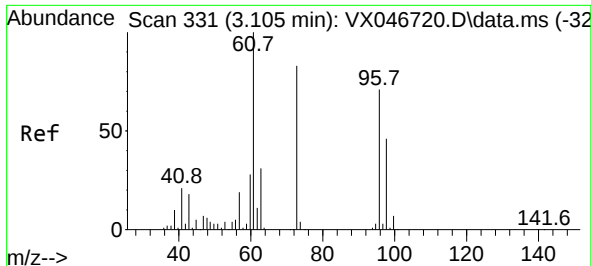
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 50.266 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

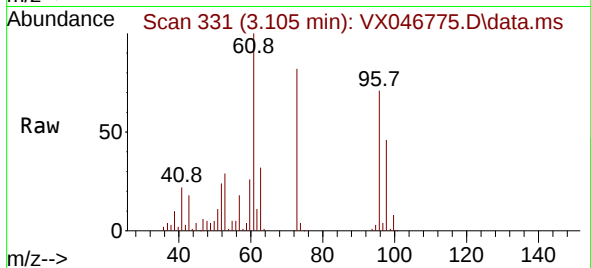
Tgt Ion: 84 Resp: 83440
Ion Ratio Lower Upper
84 100
49 127.7 101.3 151.9
51 40.1 31.0 46.6
86 62.9 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 51.786 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

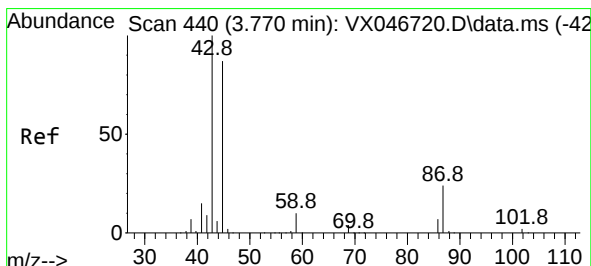
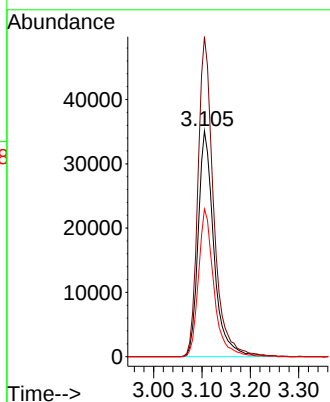
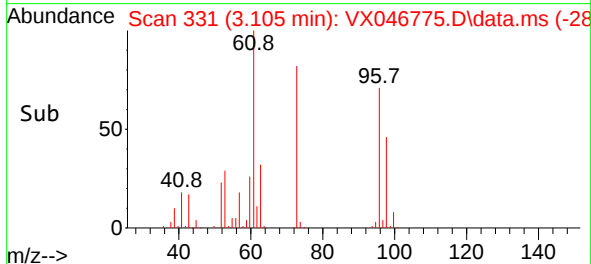
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 79204
Ion Ratio Lower Upper
96 100
61 141.7 112.5 168.7
98 65.4 51.9 77.9

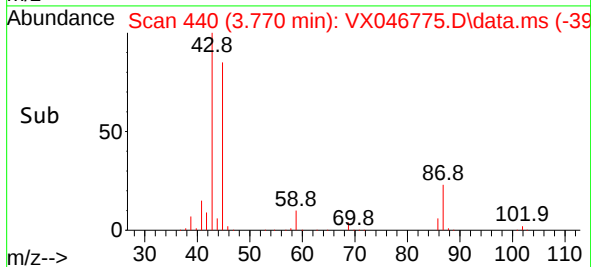
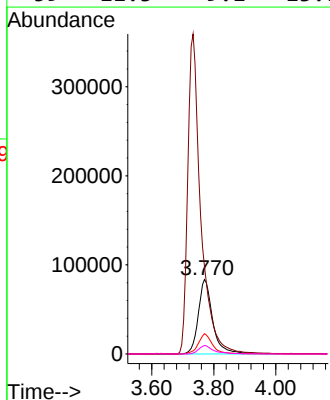
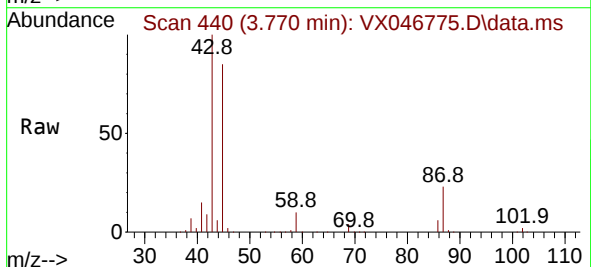
Manual Integrations
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Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#22
Diisopropyl ether
Concen: 54.281 ug/l
RT: 3.770 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

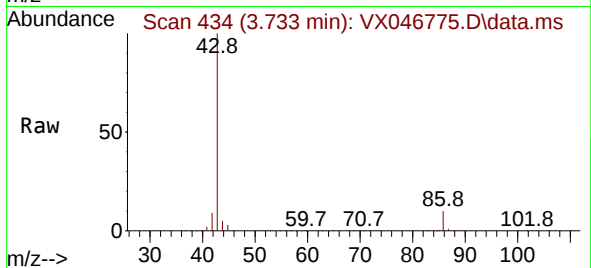
Tgt Ion: 45 Resp: 270205
Ion Ratio Lower Upper
45 100
43 117.8 91.9 137.9
87 27.3 22.0 33.0
59 11.3 9.1 13.7





#23
 Vinyl Acetate
 Concen: 266.763 ug/l
 RT: 3.733 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX046775.D
 Acq: 19 Jun 2025 17:10

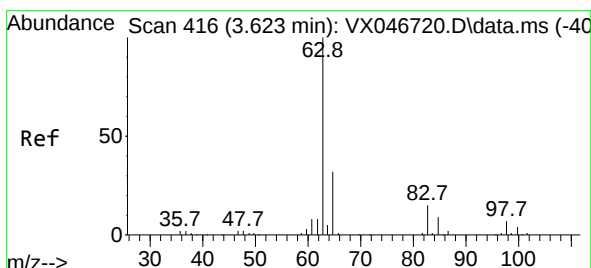
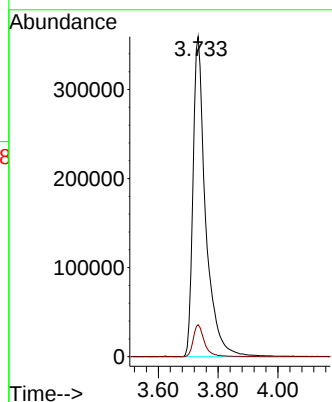
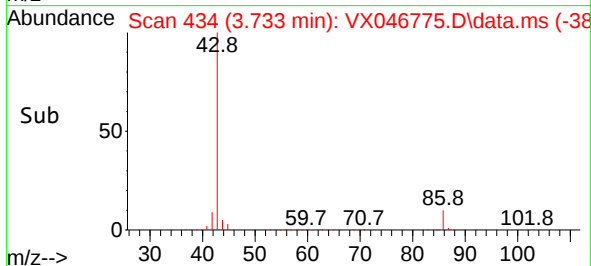
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



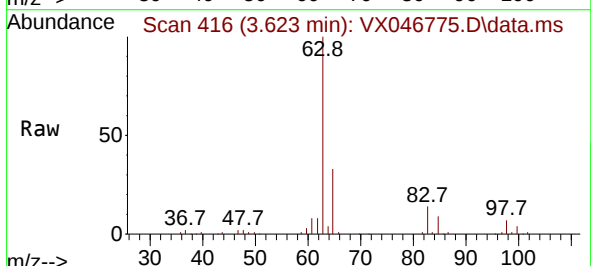
Tgt Ion: 43 Resp: 1055978
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2

Manual Integrations
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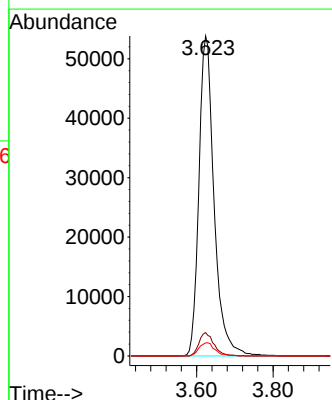
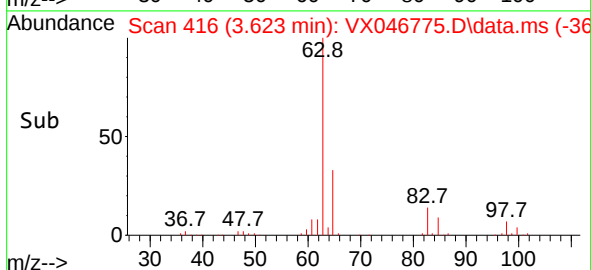
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

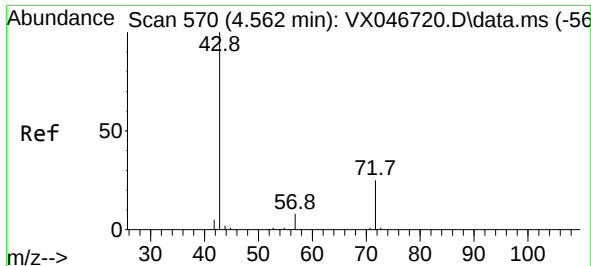


#24
 1,1-Dichloroethane
 Concen: 52.369 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046775.D
 Acq: 19 Jun 2025 17:10



Tgt Ion: 63 Resp: 148012
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 11.9
 100 4.1 2.2 6.6





#25

2-Butanone

Concen: 256.282 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 216354

Ion Ratio Lower Upper

43 100

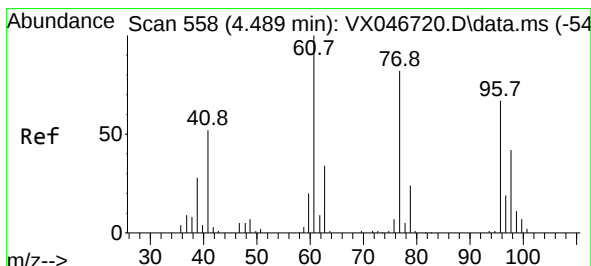
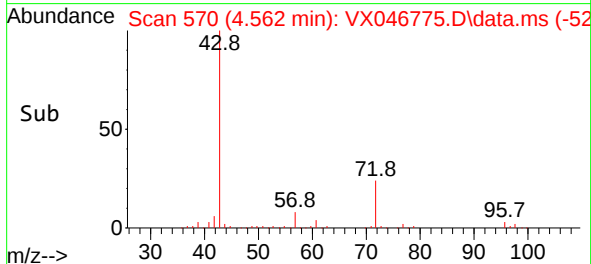
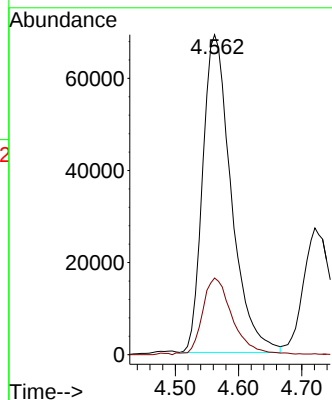
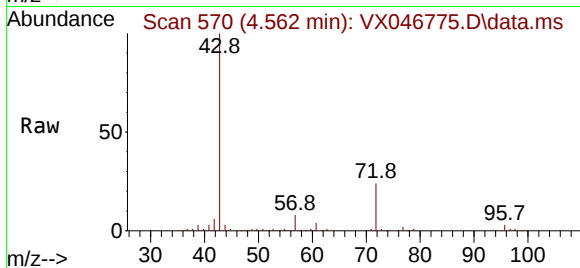
72 23.7 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#26

2,2-Dichloropropane

Concen: 51.768 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX046775.D

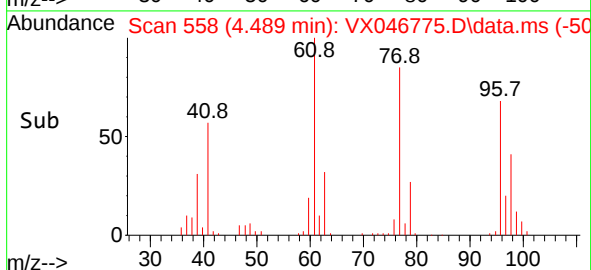
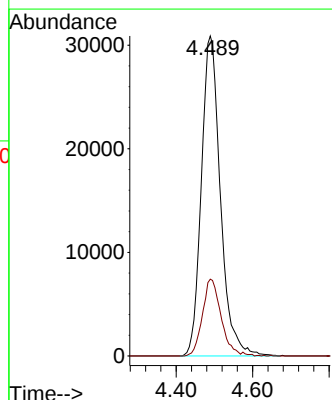
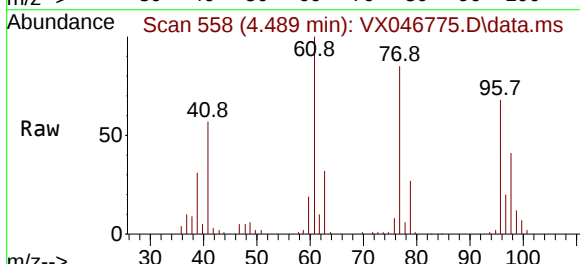
Acq: 19 Jun 2025 17:10

Tgt Ion: 77 Resp: 106712

Ion Ratio Lower Upper

77 100

97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 52.513 ug/l

RT: 4.501 min Scan# 560

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 9435

Ion Ratio Lower Upper

96 100

61 143.7 0.0 291.0

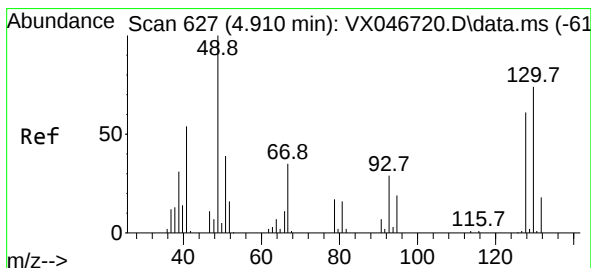
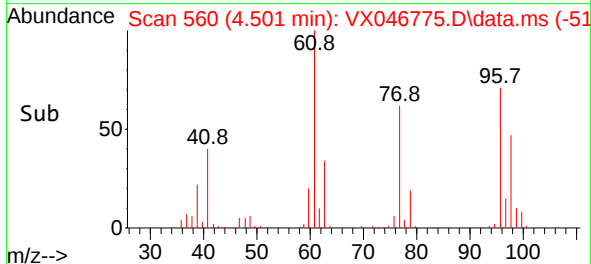
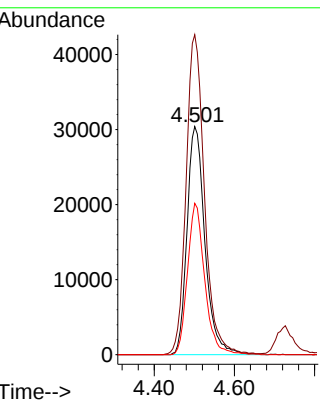
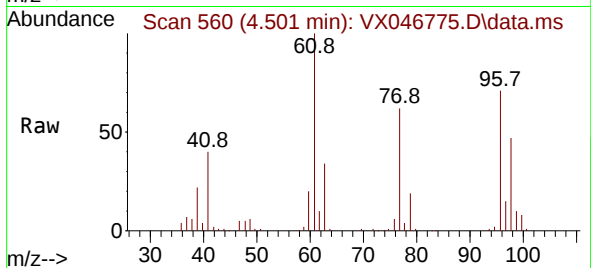
98 63.9 0.0 126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#28

Bromochloromethane

Concen: 51.765 ug/l

RT: 4.910 min Scan# 627

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

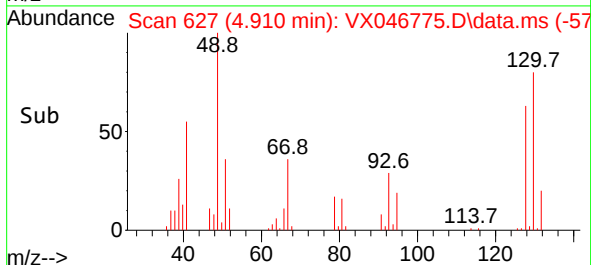
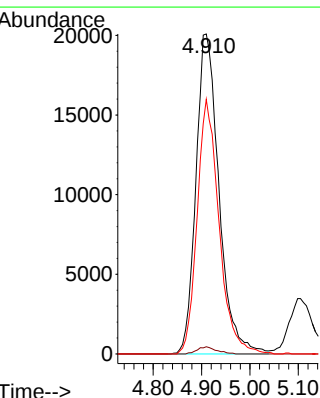
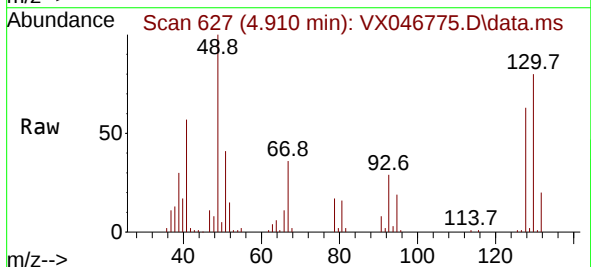
Tgt Ion: 49 Resp: 66329

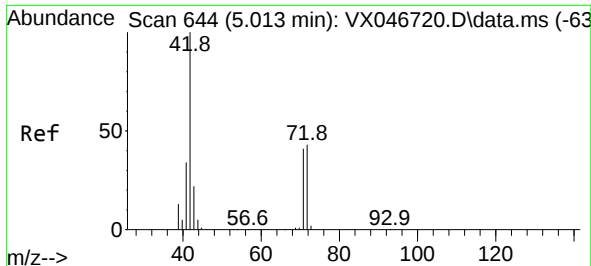
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 75.8 61.4 92.0





#29

Tetrahydrofuran

Concen: 255.819 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

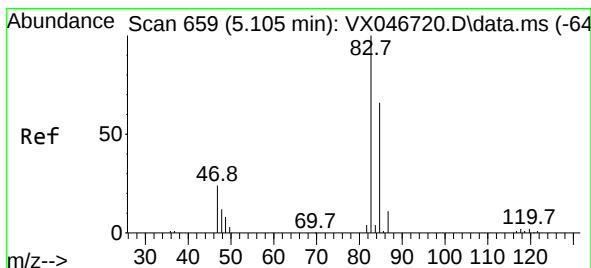
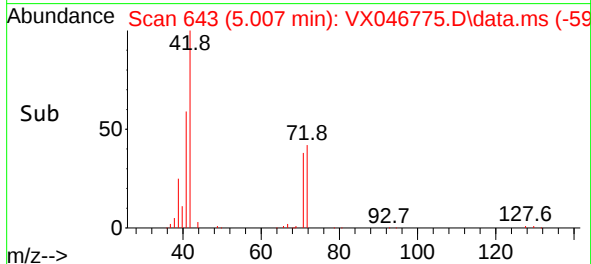
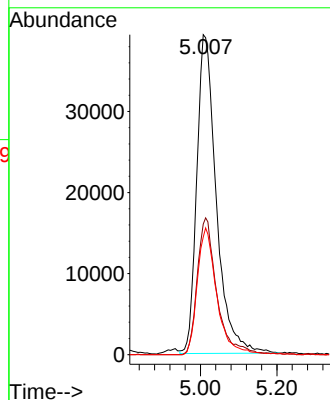
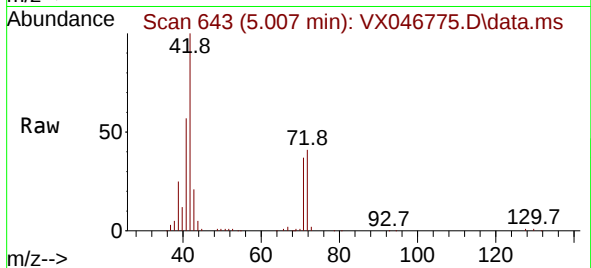
Tgt Ion: 42 Resp: 139493
 Ion Ratio Lower Upper
 42 100
 72 42.7 34.9 52.3
 71 39.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 52.894 ug/l

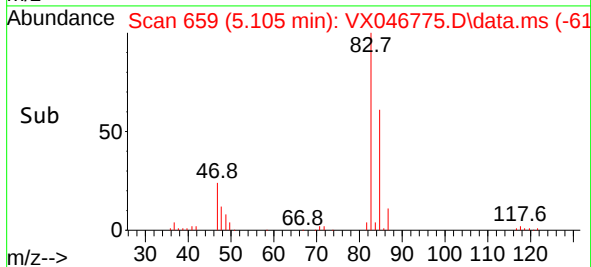
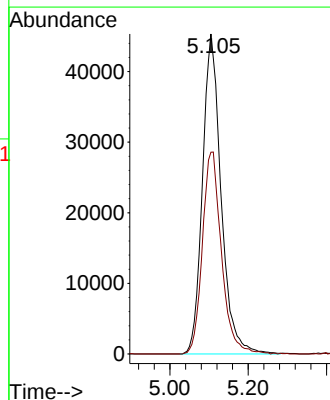
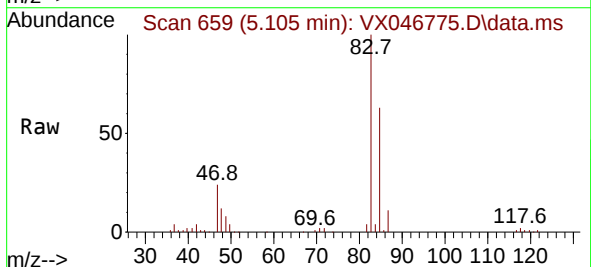
RT: 5.105 min Scan# 659

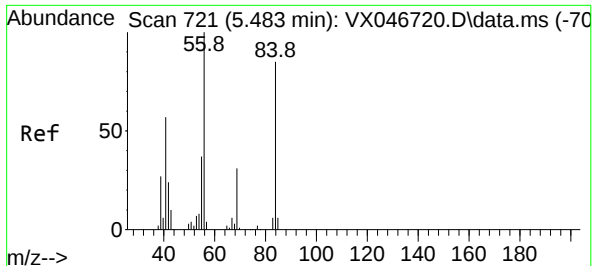
Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

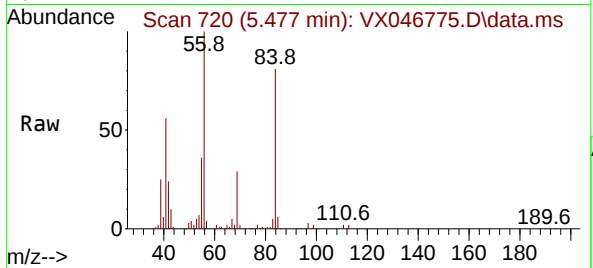
Tgt Ion: 83 Resp: 149506
 Ion Ratio Lower Upper
 83 100
 85 63.1 53.7 80.5





#31
Cyclohexane
Concen: 51.222 ug/l
RT: 5.477 min Scan# 721
Delta R.T. -0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

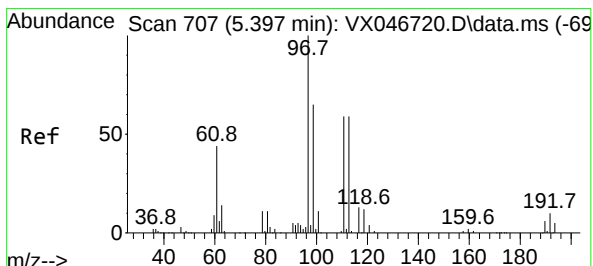
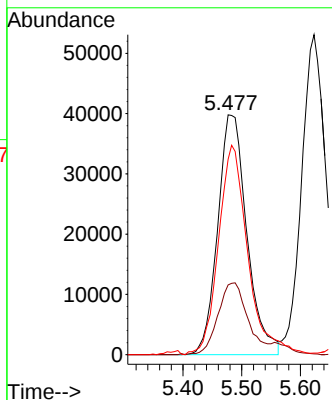
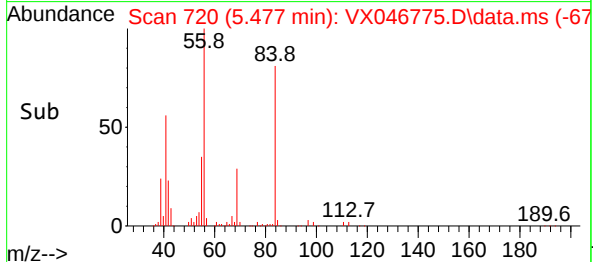
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 137290
Ion Ratio Lower Upper
56 100
69 28.7 24.8 37.2
84 79.7 68.2 102.2

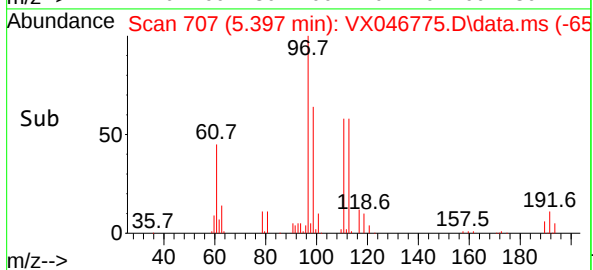
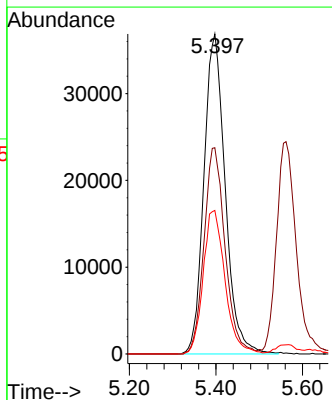
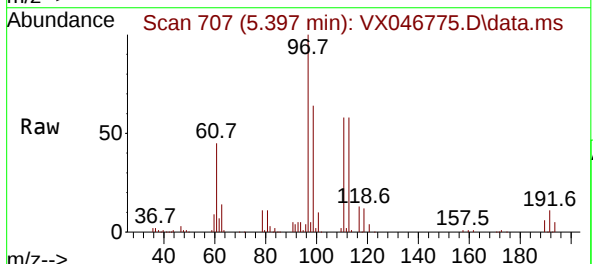
Manual Integrations
APPROVED

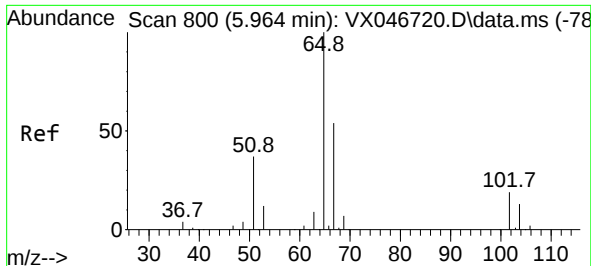
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 50.784 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion: 97 Resp: 125889
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 46.1 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.825 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 8381

Ion Ratio Lower Upper

65 100

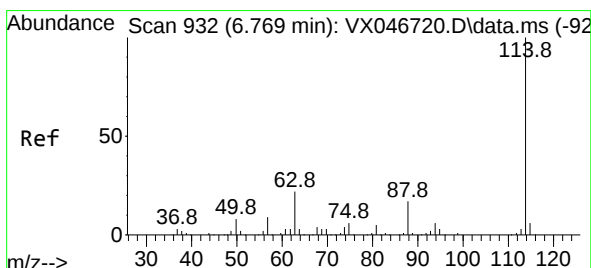
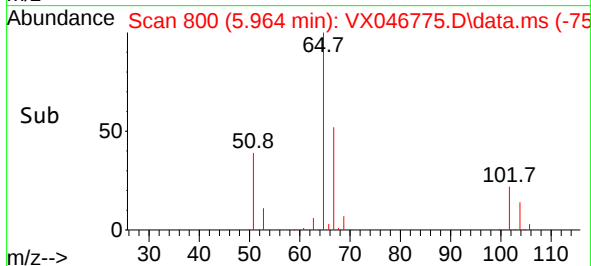
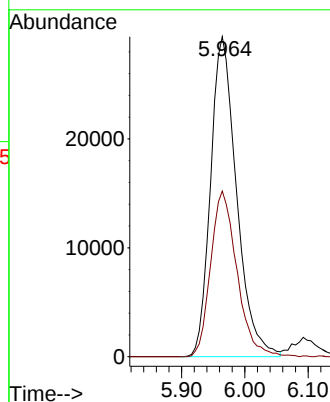
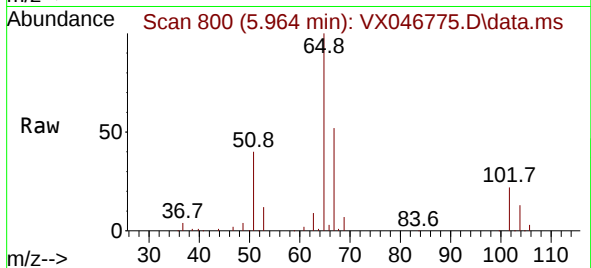
67 52.4 0.0 105.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

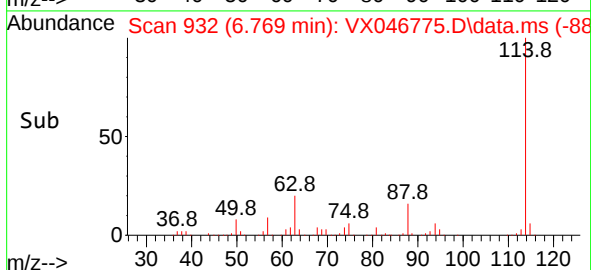
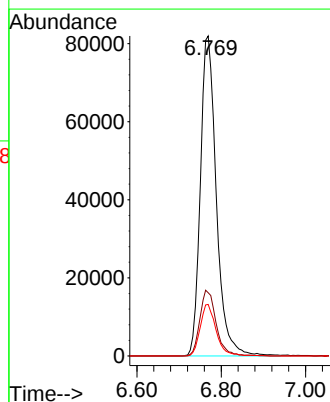
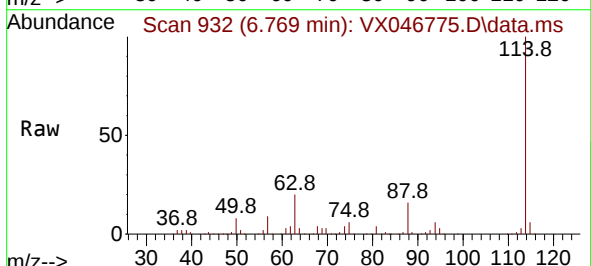
Tgt Ion:114 Resp: 216626

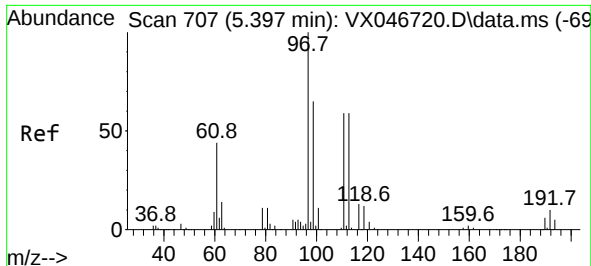
Ion Ratio Lower Upper

114 100

63 19.7 0.0 44.2

88 16.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.316 ug/l

RT: 5.397 min Scan# 707

Delta R.T. -0.000 min

Lab File: VX046775.D

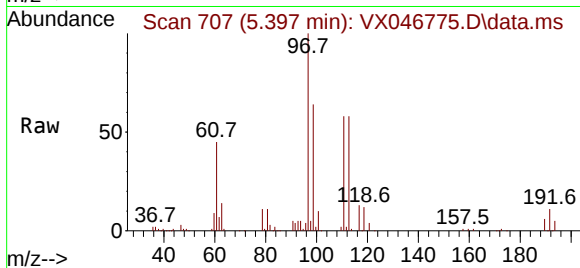
Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



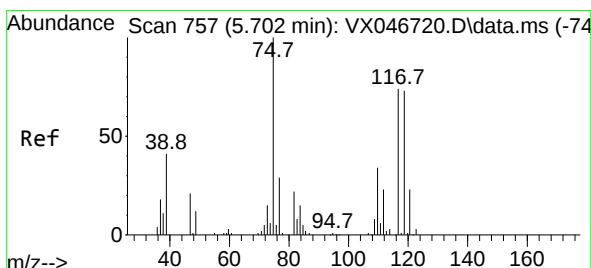
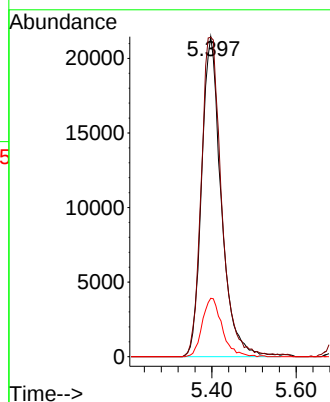
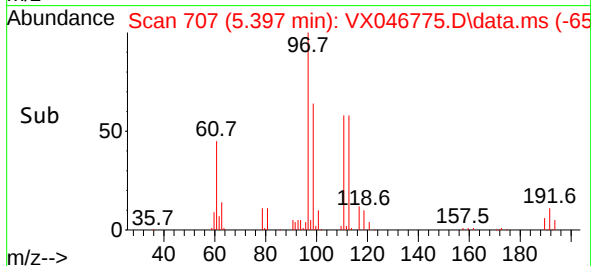
Tgt Ion:	113	Resp:	69249
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.0	123.0
192	18.5	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#36

1,1-Dichloropropene

Concen: 51.182 ug/l

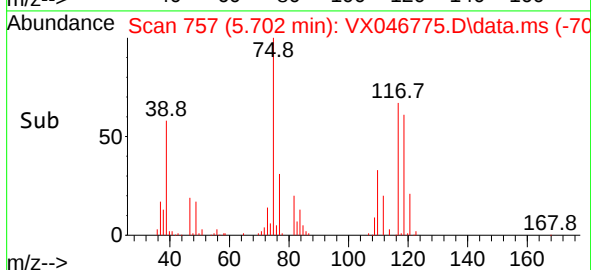
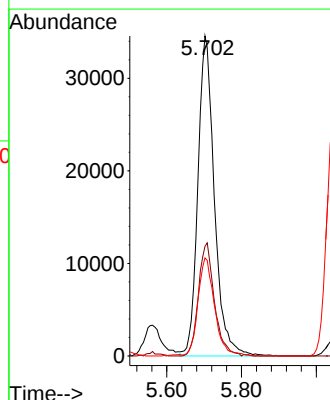
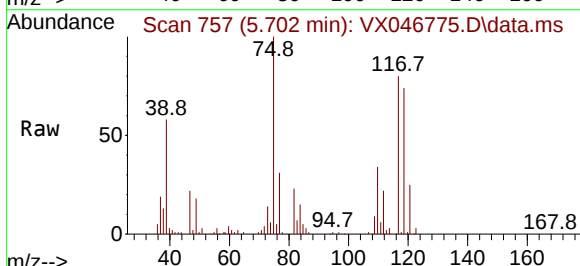
RT: 5.702 min Scan# 757

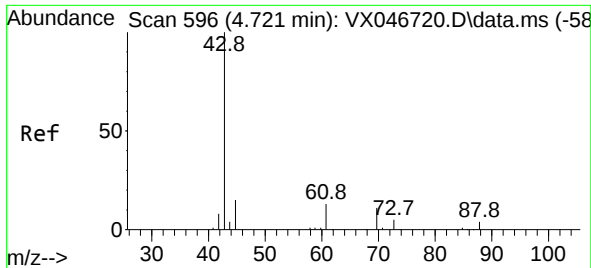
Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

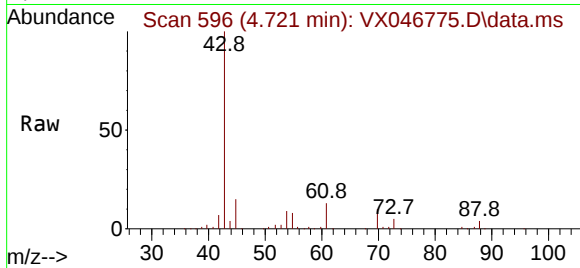
Tgt Ion:	75	Resp:	105895
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.2	51.5
77	30.8	24.2	36.4





#37
Ethyl Acetate
Concen: 48.219 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

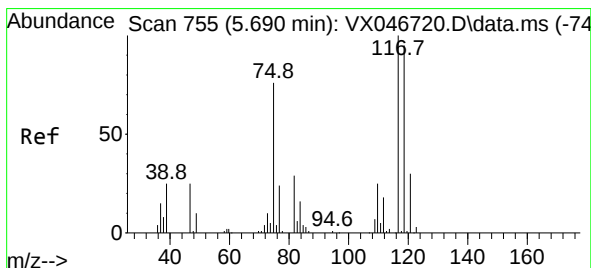
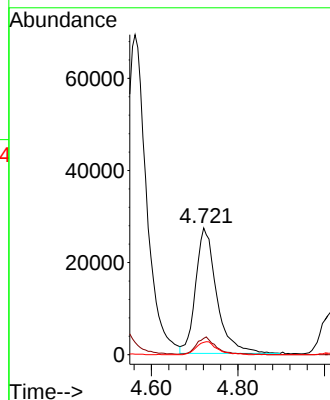
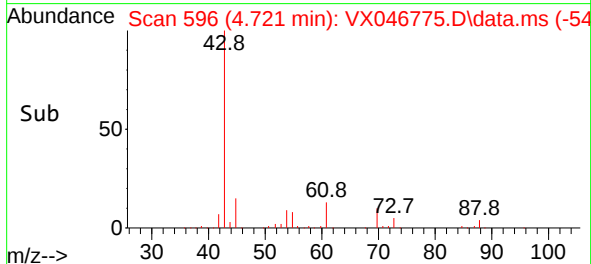
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 92088
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 10.2 8.1 12.1

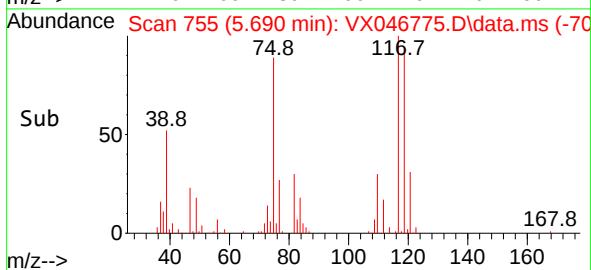
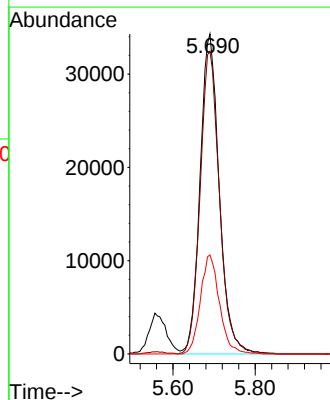
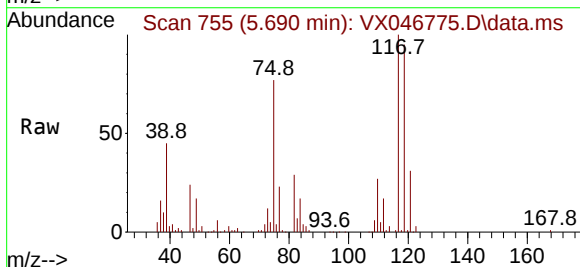
Manual Integrations
APPROVED

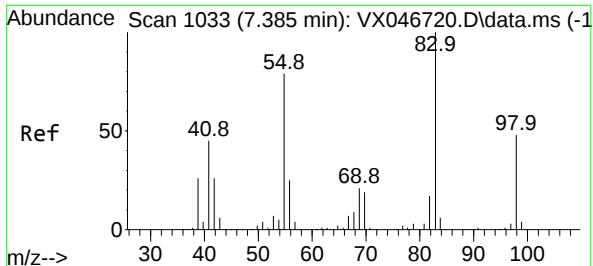
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 49.529 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:117 Resp: 111211
Ion Ratio Lower Upper
117 100
119 94.7 75.2 112.8
121 30.9 24.1 36.1





#39

Methylcyclohexane

Concen: 51.281 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 139618

Ion Ratio Lower Upper

83 100

55 78.5 63.0 94.4

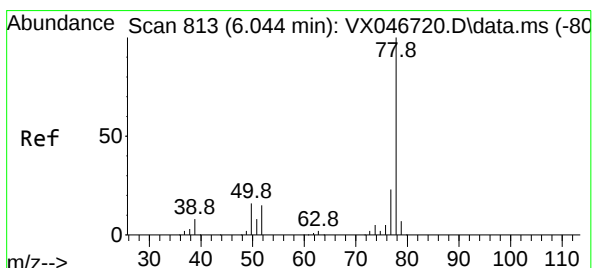
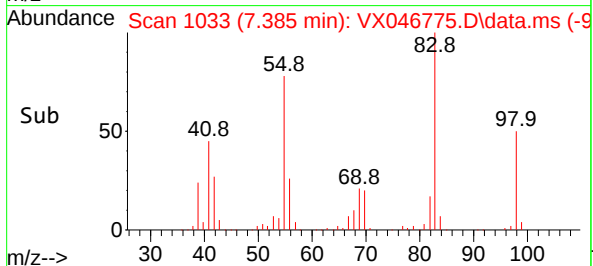
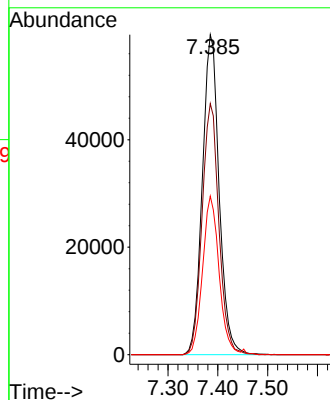
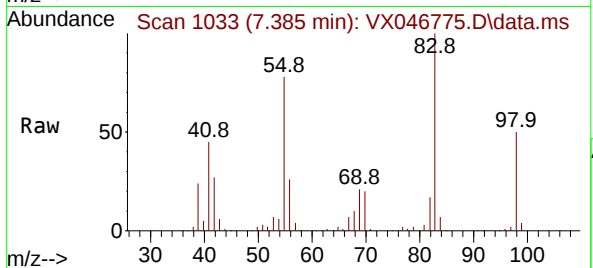
98 49.6 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#40

Benzene

Concen: 52.086 ug/l

RT: 6.050 min Scan# 814

Delta R.T. 0.006 min

Lab File: VX046775.D

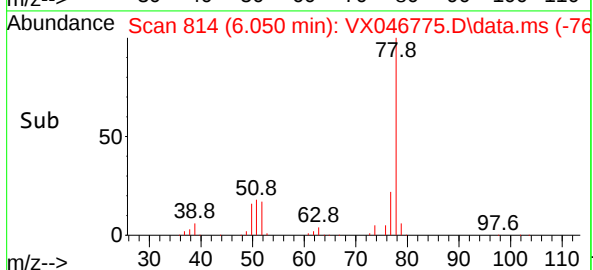
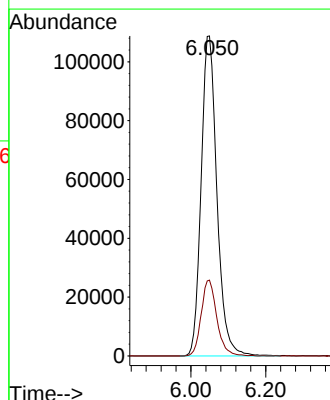
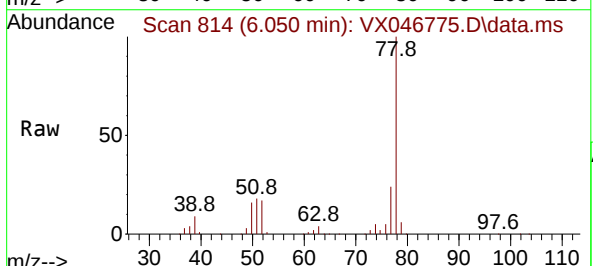
Acq: 19 Jun 2025 17:10

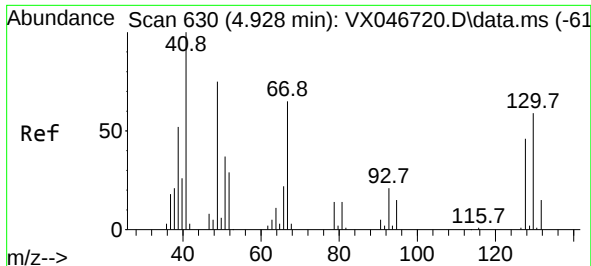
Tgt Ion: 78 Resp: 318931

Ion Ratio Lower Upper

78 100

77 23.7 18.8 28.2





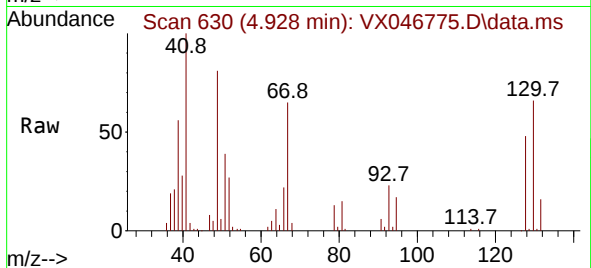
#41
Methacrylonitrile
Concen: 54.078 ug/l
RT: 4.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



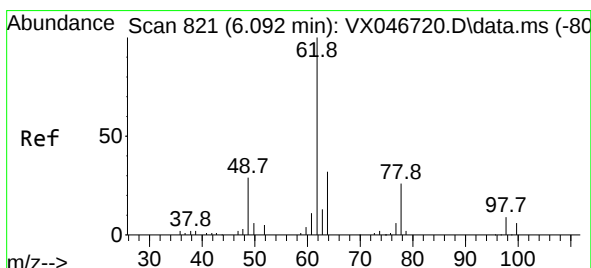
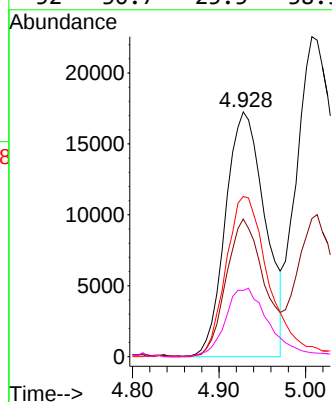
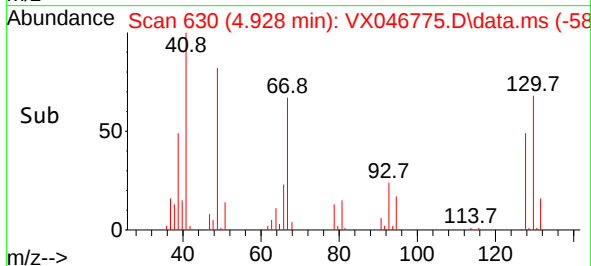
Tgt Ion: 41 Resp: 55058
Ion Ratio Lower Upper
41 100
39 53.7 45.9 68.9
67 71.4 61.2 91.8
52 30.7 25.5 38.3

Manual Integrations

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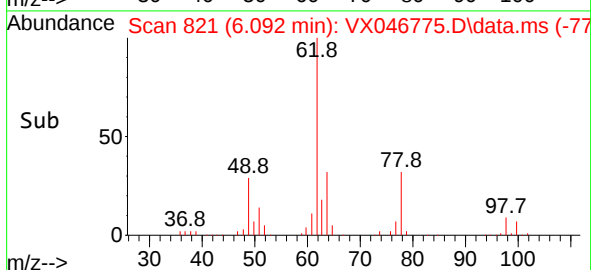
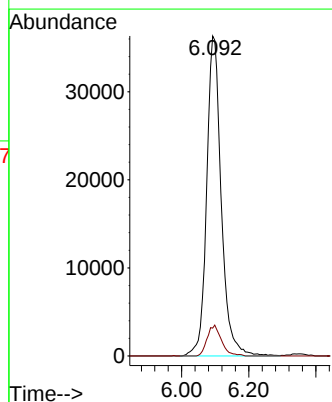
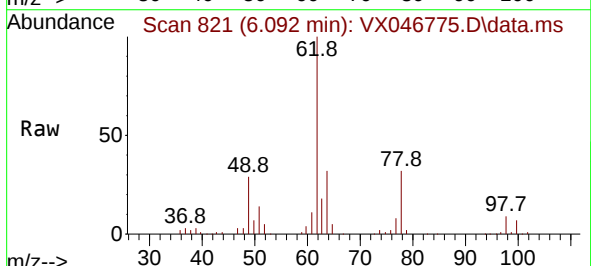
Reviewed By :John Carlone 06/20/2025

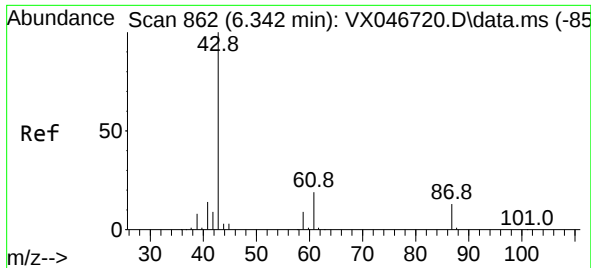
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 50.860 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

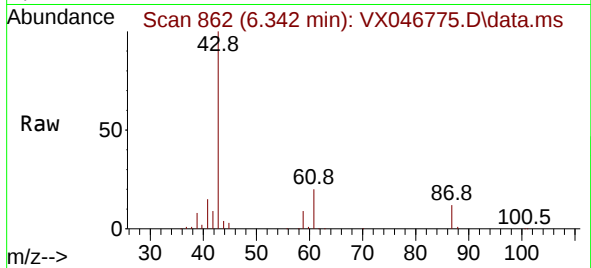
Tgt Ion: 62 Resp: 109435
Ion Ratio Lower Upper
62 100
98 9.5 0.0 17.8





#43
Isopropyl Acetate
Concen: 50.655 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

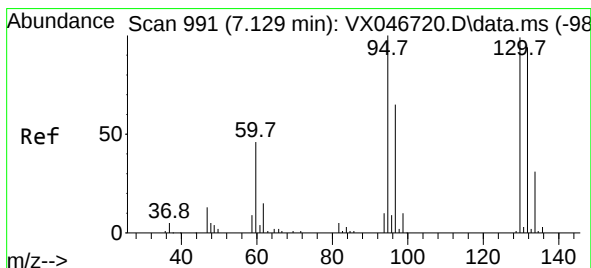
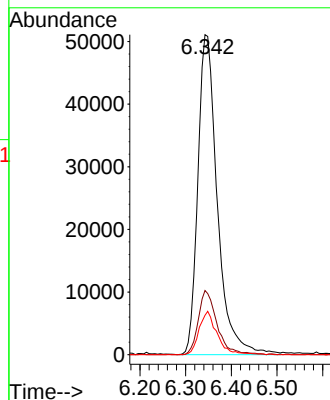
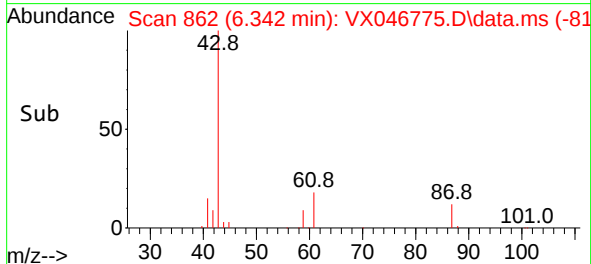
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



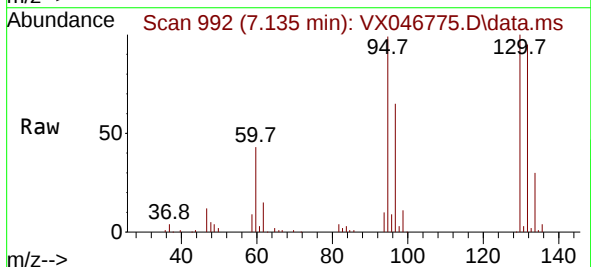
Tgt Ion: 43 Resp: 151380
Ion Ratio Lower Upper
43 100
61 19.2 15.3 22.9
87 12.5 10.0 15.0

Manual Integrations
APPROVED

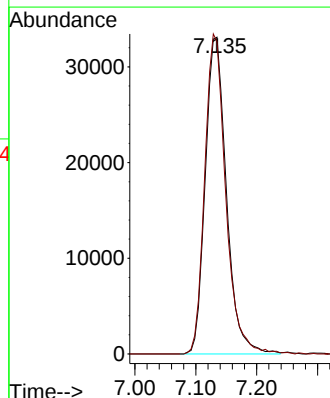
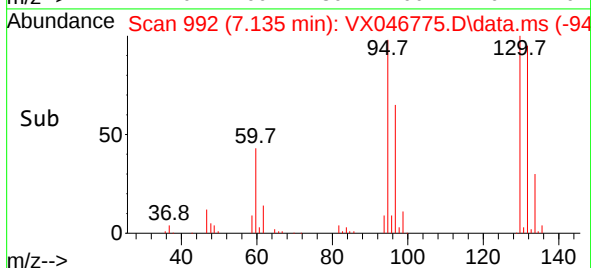
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

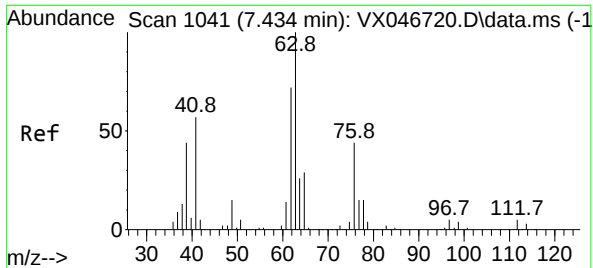


#44
Trichloroethene
Concen: 51.252 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



Tgt Ion:130 Resp: 79977
Ion Ratio Lower Upper
130 100
95 98.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 51.797 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7860

Ion Ratio Lower Upper

63 100

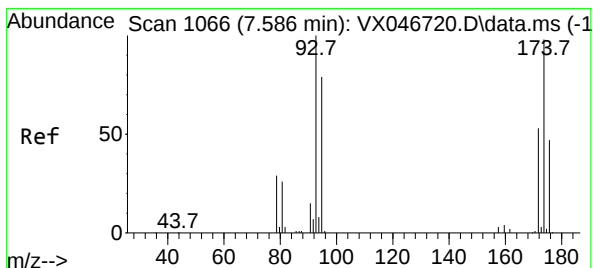
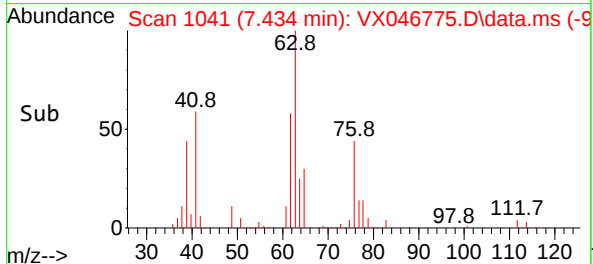
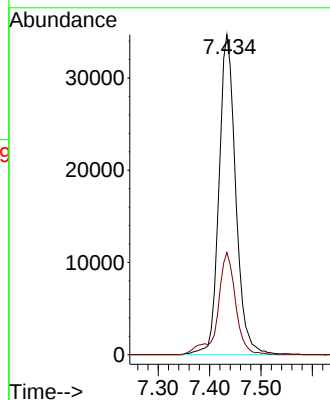
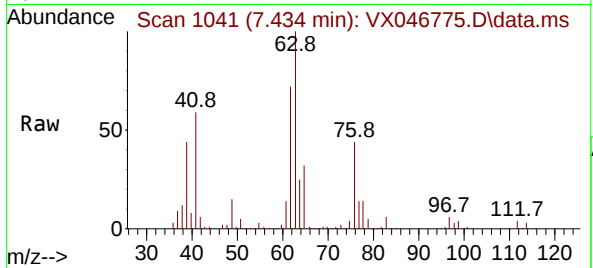
65 31.9 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 50.201 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

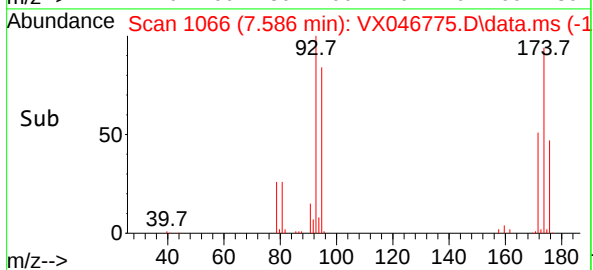
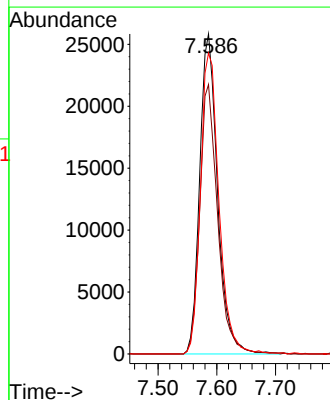
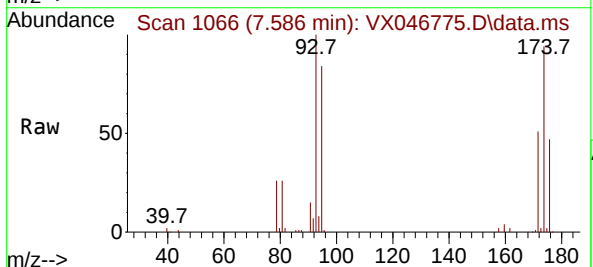
Tgt Ion: 93 Resp: 54750

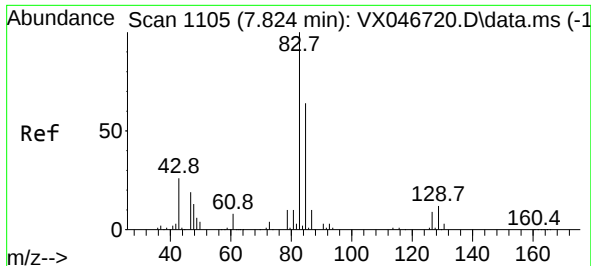
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

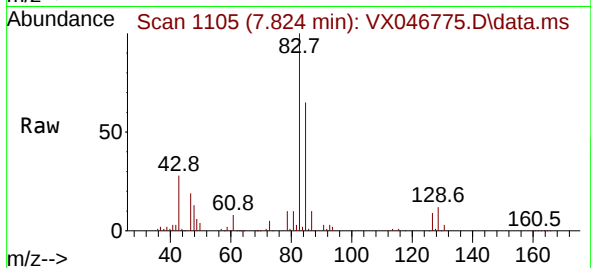
174 97.6 77.0 115.6





#47
Bromodichloromethane
Concen: 51.475 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

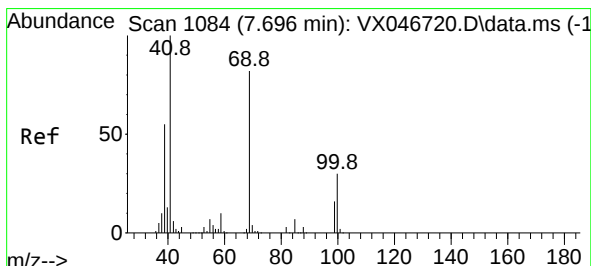
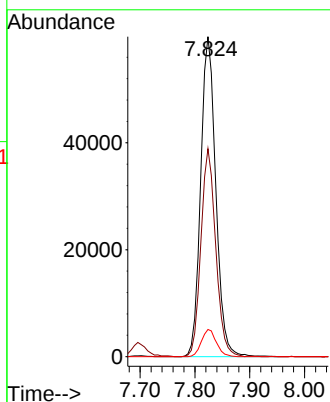
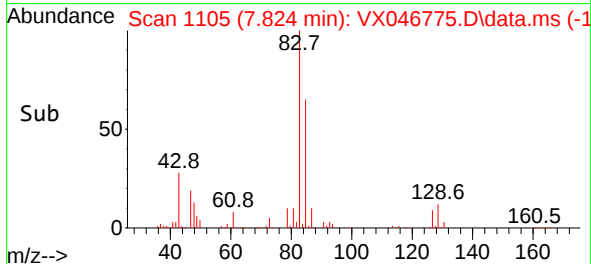
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11456
Ion Ratio Lower Upper
83 100
85 65.0 51.4 77.2
127 8.5 6.9 10.3

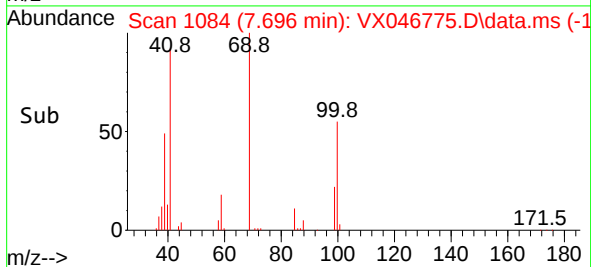
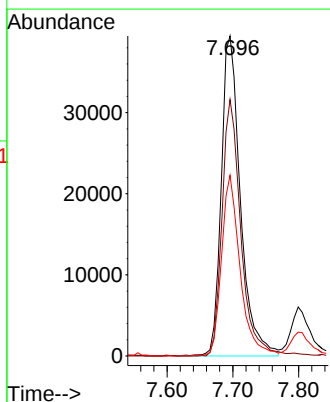
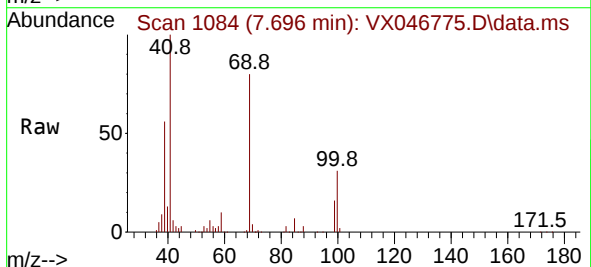
Manual Integrations
APPROVED

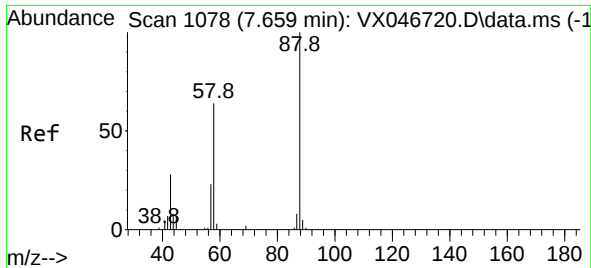
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 53.494 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

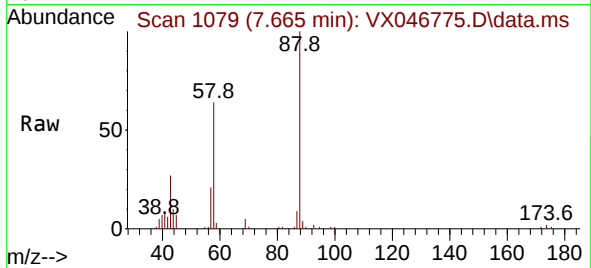
Tgt Ion: 41 Resp: 80176
Ion Ratio Lower Upper
41 100
69 79.0 63.4 95.2
39 54.7 45.4 68.0





#49
1,4-Dioxane
Concen: 894.415 ug/l
RT: 7.665 min Scan# 1078
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

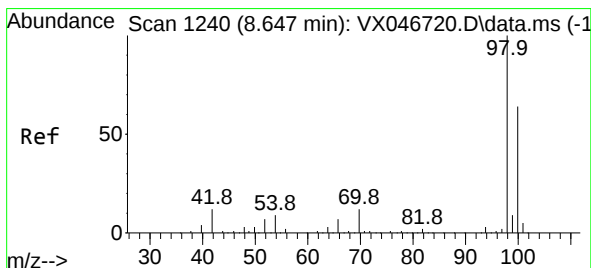
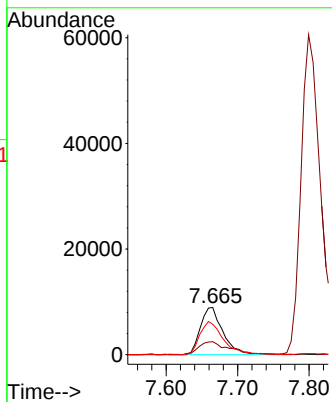
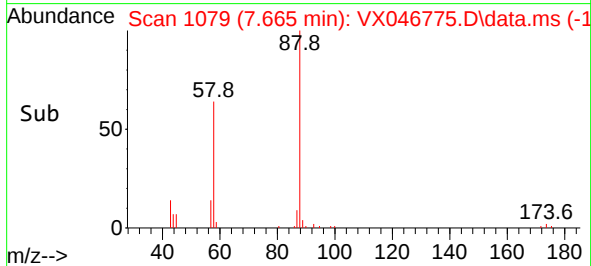
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 19434
Ion Ratio Lower Upper
88 100
43 36.0 31.2 46.8
58 73.2 54.7 82.1

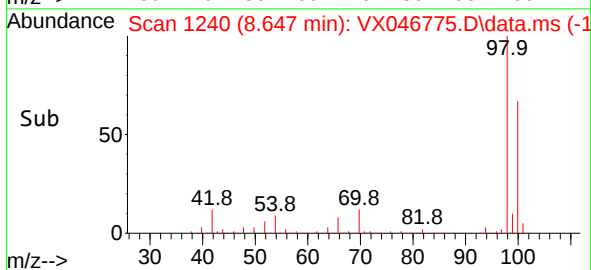
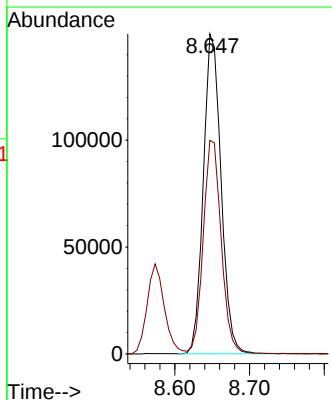
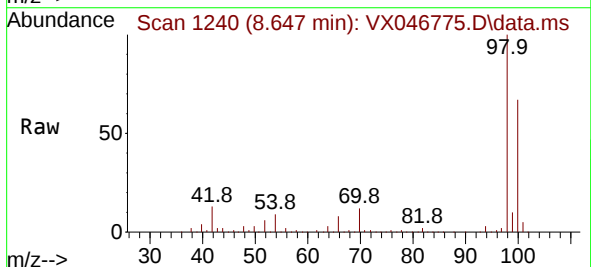
Manual Integrations
APPROVED

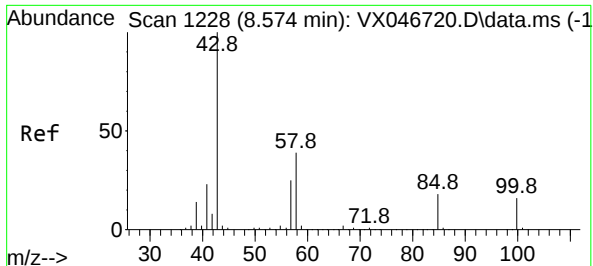
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#50
Toluene-d8
Concen: 47.880 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

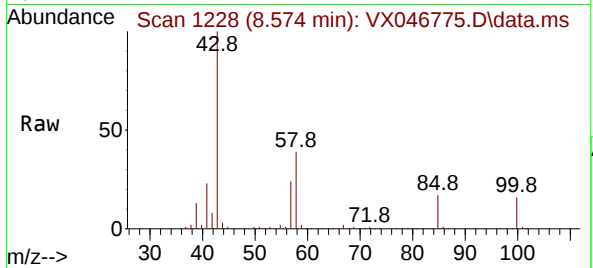
Tgt Ion: 98 Resp: 246552
Ion Ratio Lower Upper
98 100
100 67.5 53.0 79.4





#51
4-Methyl-2-Pentanone
Concen: 254.472 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

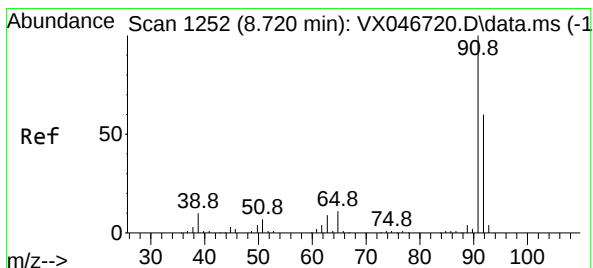
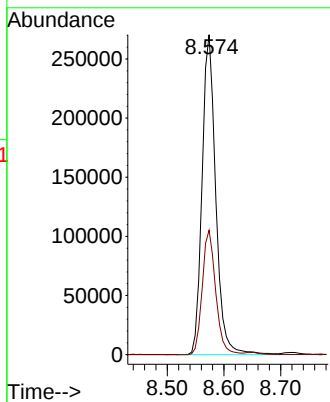
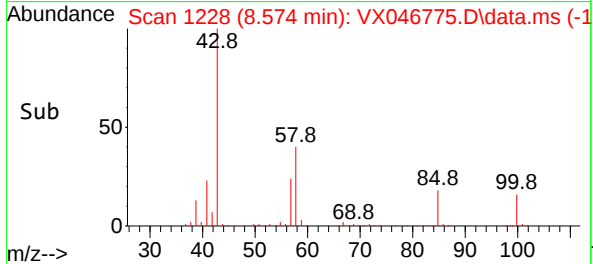
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 453562
Ion Ratio Lower Upper
43 100
58 38.2 30.8 46.2

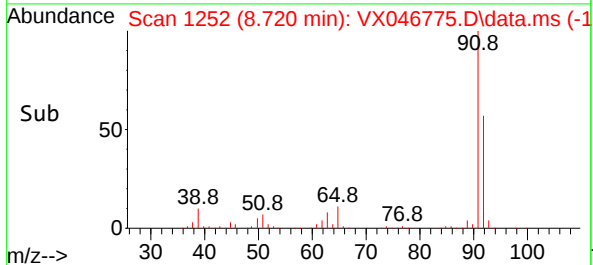
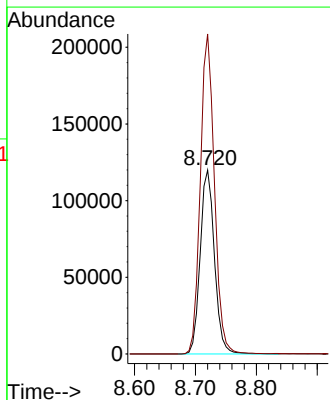
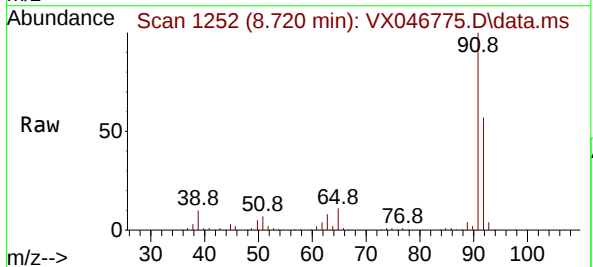
Manual Integrations
APPROVED

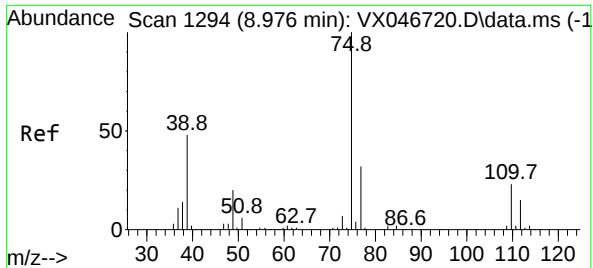
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 51.477 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

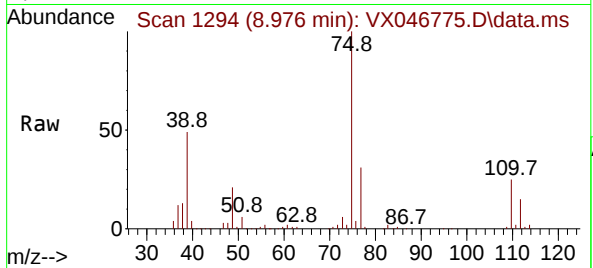
Tgt Ion: 92 Resp: 195403
Ion Ratio Lower Upper
92 100
91 172.1 134.8 202.2





#53
t-1,3-Dichloropropene
Concen: 51.427 ug/l
RT: 8.976 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

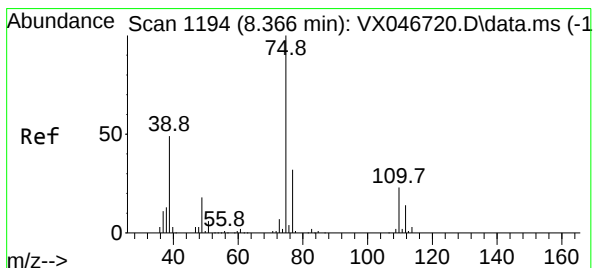
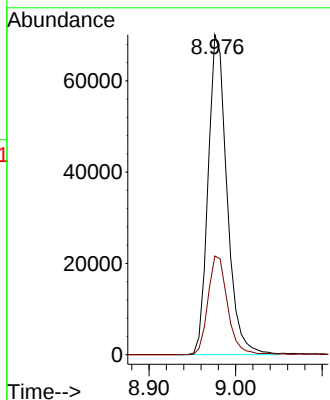
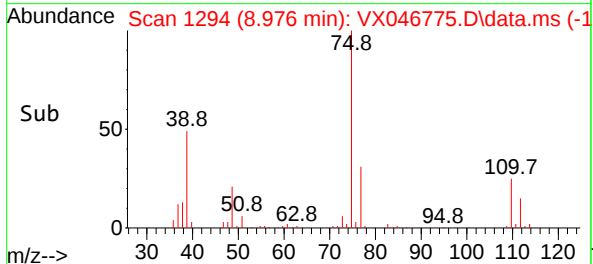
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



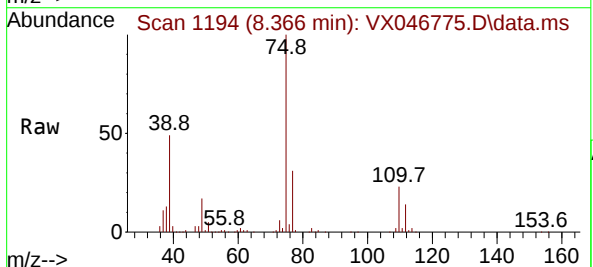
Tgt Ion: 75 Resp: 10619
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

Manual Integrations
APPROVED

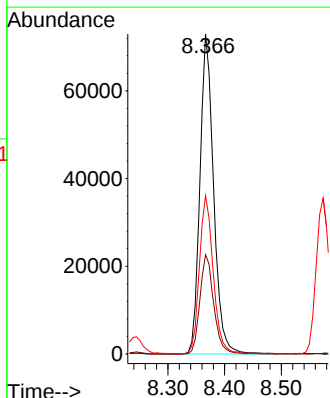
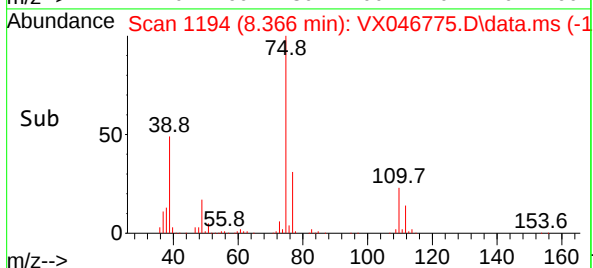
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

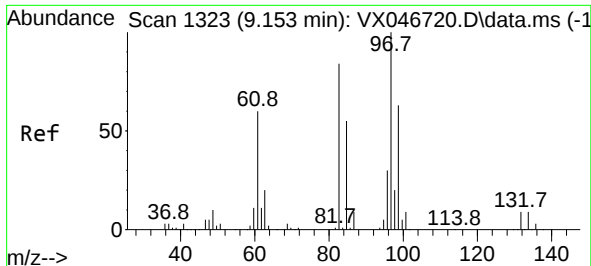


#54
cis-1,3-Dichloropropene
Concen: 52.254 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



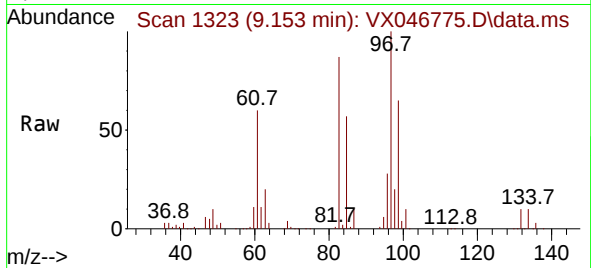
Tgt Ion: 75 Resp: 122494
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9
39 48.8 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 51.978 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

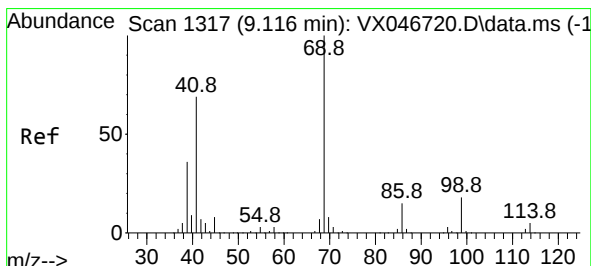
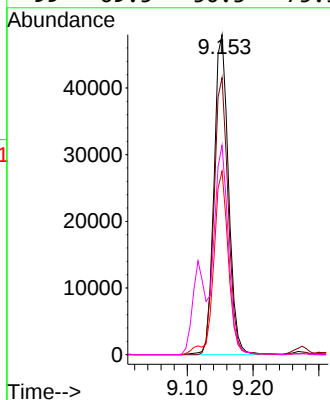
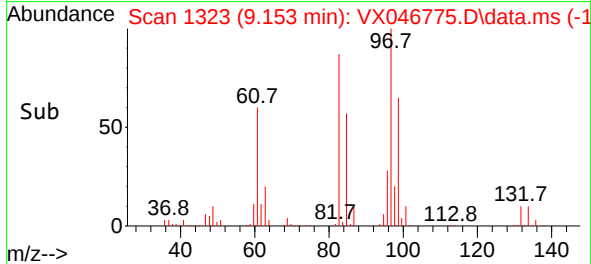
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



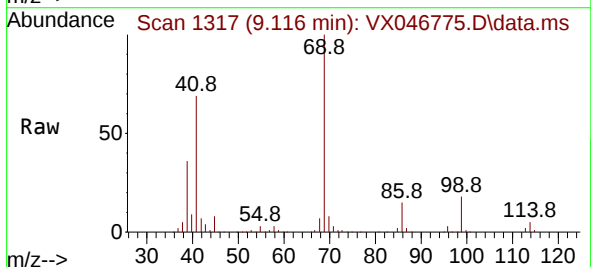
Tgt Ion: 97 Resp: 73528
Ion Ratio Lower Upper
97 100
83 86.6 67.2 100.8
85 57.4 44.1 66.1
99 69.5 50.3 75.5

Manual Integrations
APPROVED

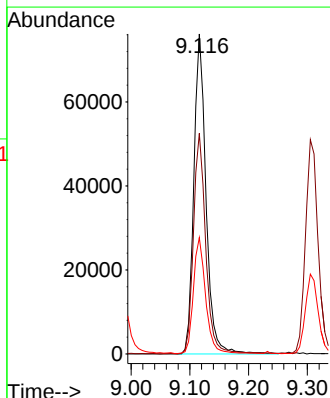
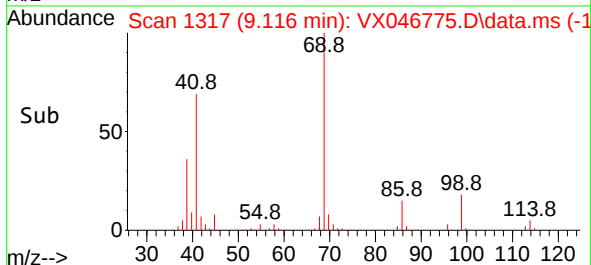
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

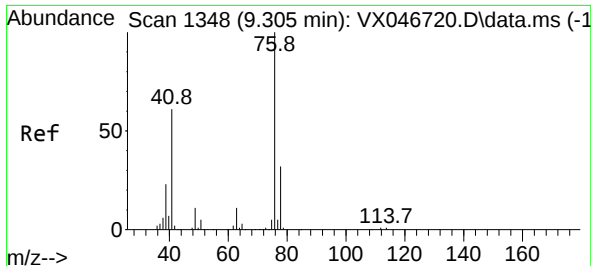


#56
Ethyl methacrylate
Concen: 52.671 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



Tgt Ion: 69 Resp: 109987
Ion Ratio Lower Upper
69 100
41 69.5 55.4 83.2
39 36.3 29.7 44.5





#57

1,3-Dichloropropane

Concen: 51.414 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 12524

Ion Ratio Lower Upper

76 100

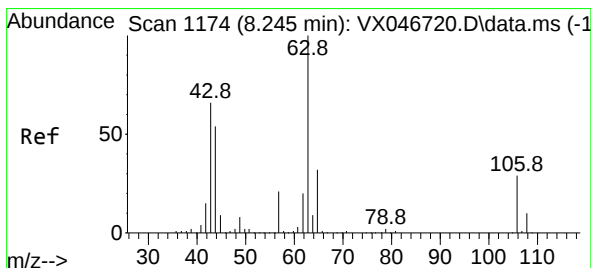
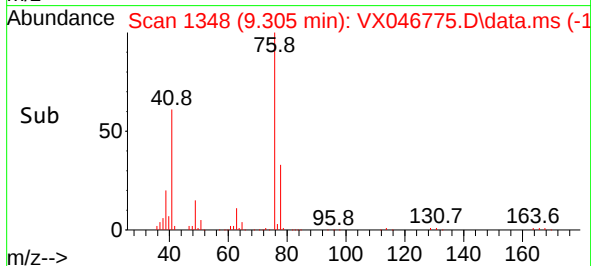
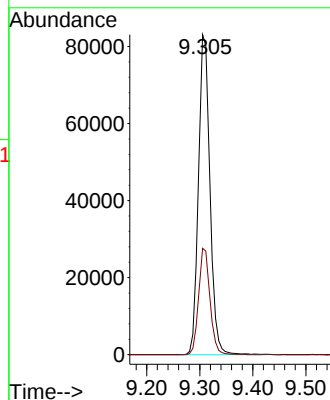
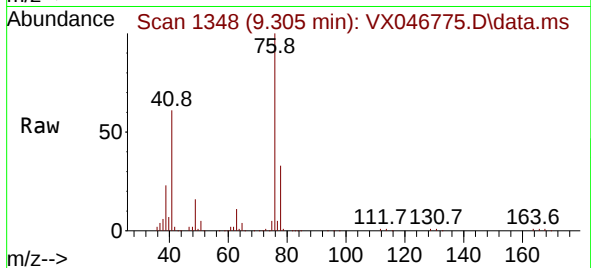
78 32.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 296.571 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX046775.D

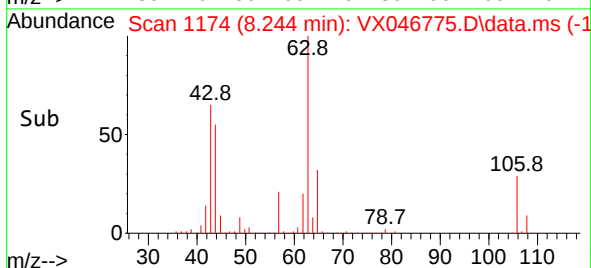
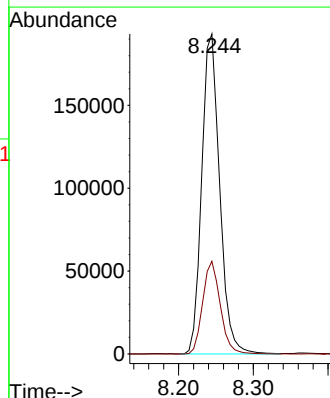
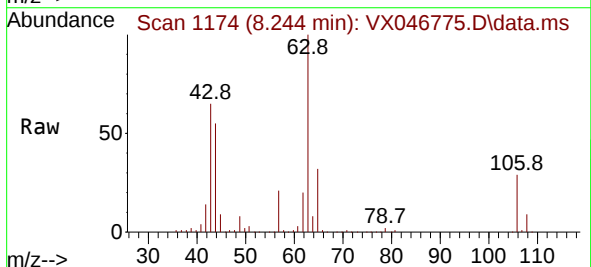
Acq: 19 Jun 2025 17:10

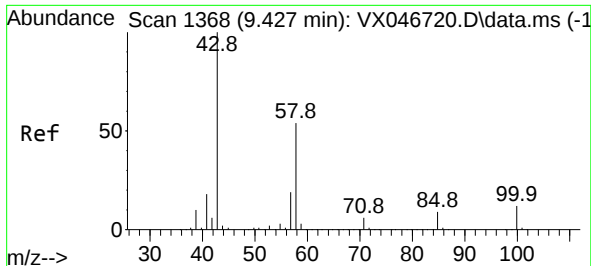
Tgt Ion: 63 Resp: 321699

Ion Ratio Lower Upper

63 100

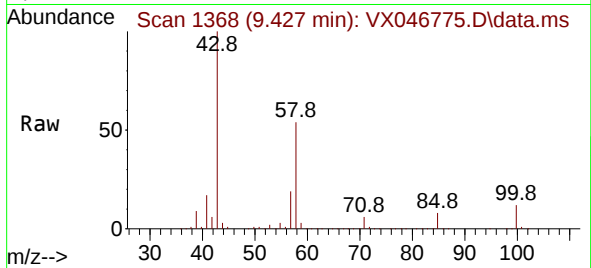
106 28.4 22.6 34.0





#59
2-Hexanone
Concen: 252.021 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

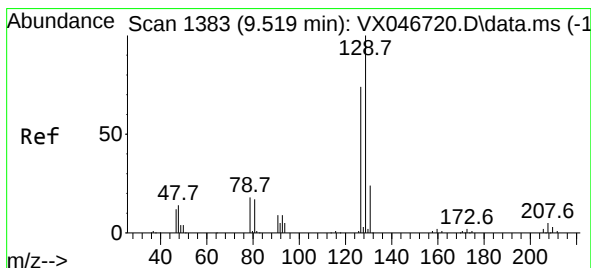
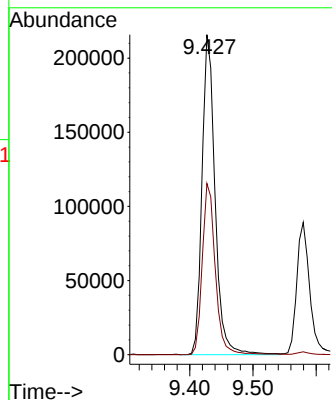
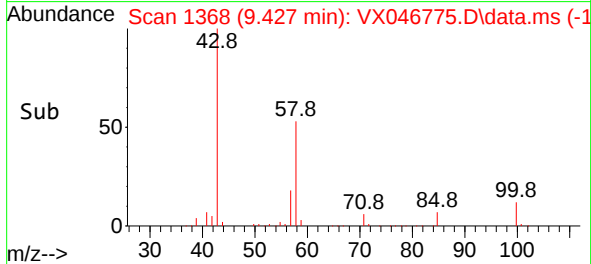
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 31054
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.4

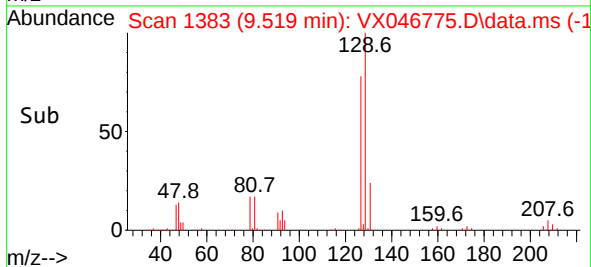
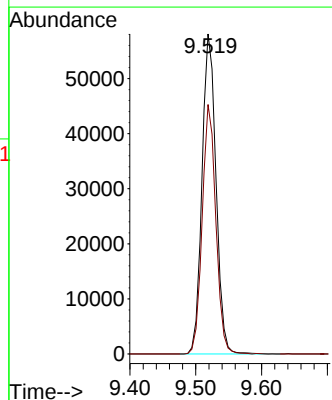
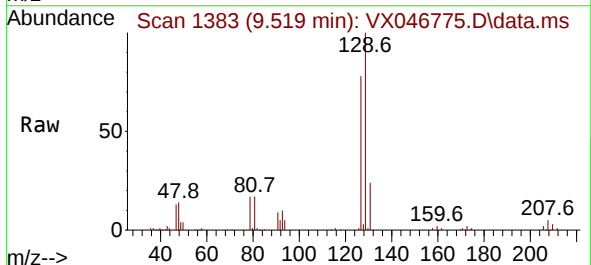
Manual Integrations
APPROVED

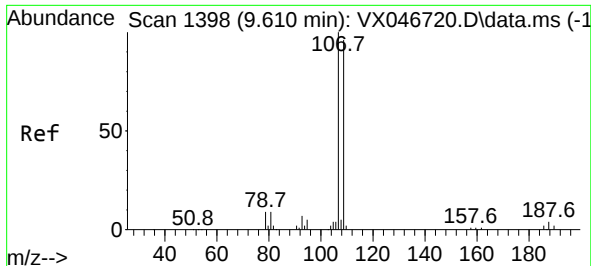
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 51.500 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

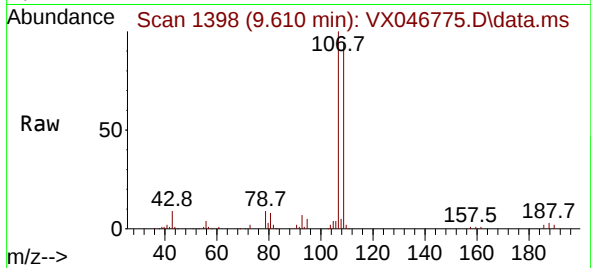
Tgt Ion:129 Resp: 85854
Ion Ratio Lower Upper
129 100
127 75.9 38.4 115.2





#61
1,2-Dibromoethane
Concen: 51.083 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

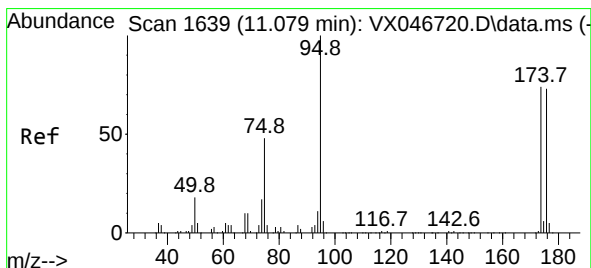
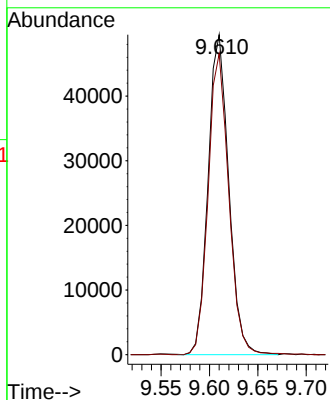
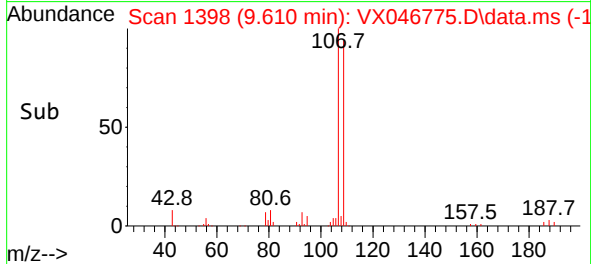
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 73504
Ion Ratio Lower Upper
107 100
109 94.2 75.8 113.6

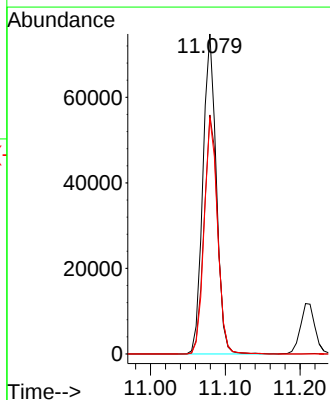
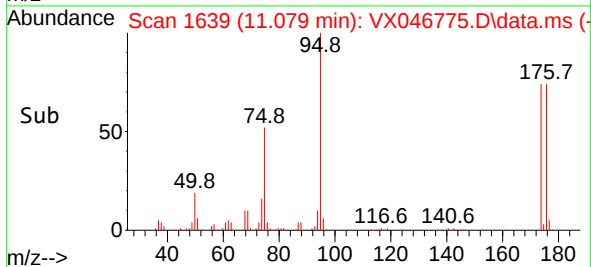
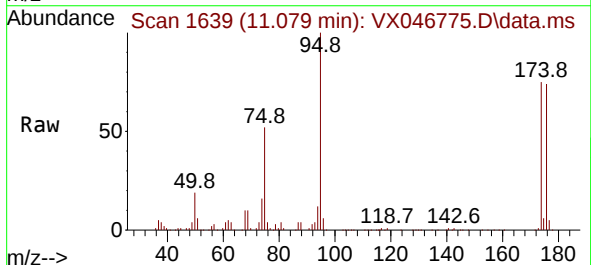
Manual Integrations
APPROVED

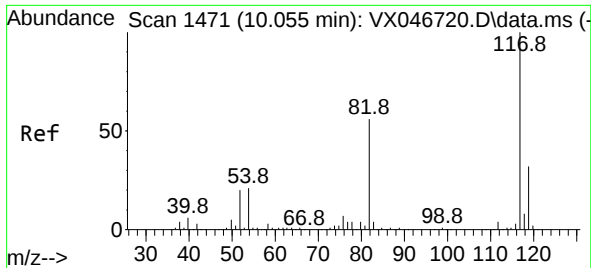
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#62
4-Bromofluorobenzene
Concen: 48.588 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

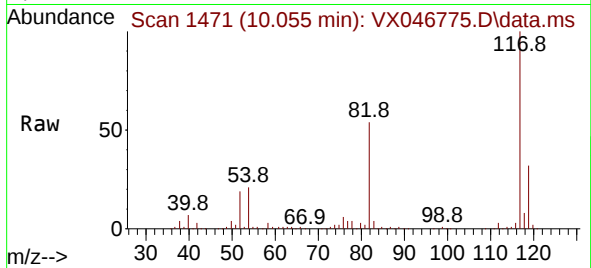
Tgt Ion: 95 Resp: 93266
Ion Ratio Lower Upper
95 100
174 75.5 0.0 150.4
176 73.4 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

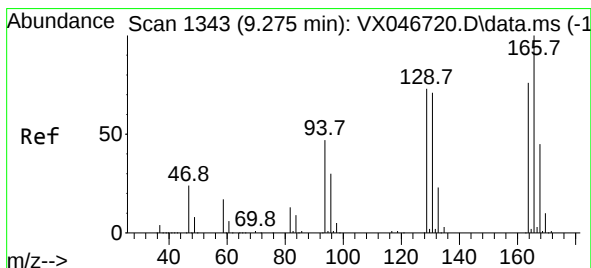
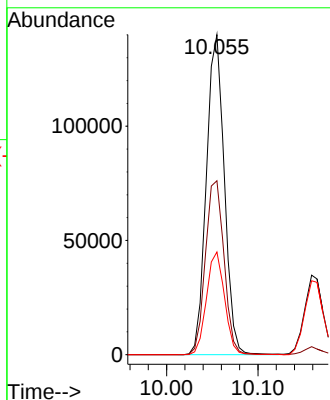
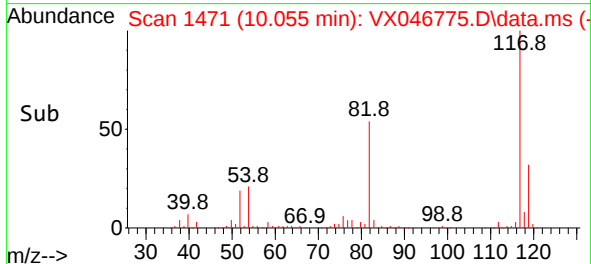
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 190720
Ion Ratio Lower Upper
117 100
82 54.4 44.6 66.8
119 32.1 25.8 38.8

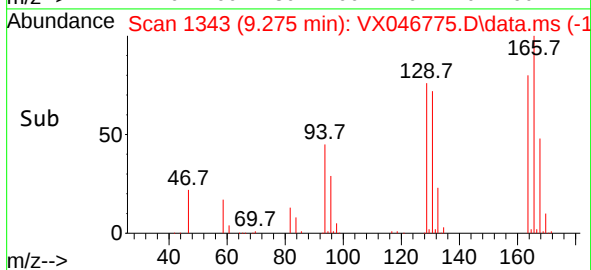
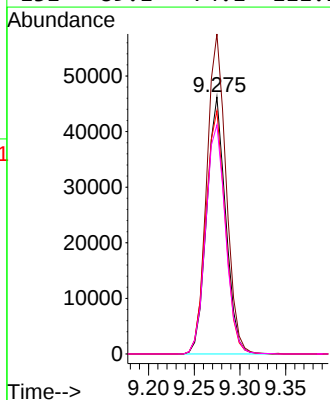
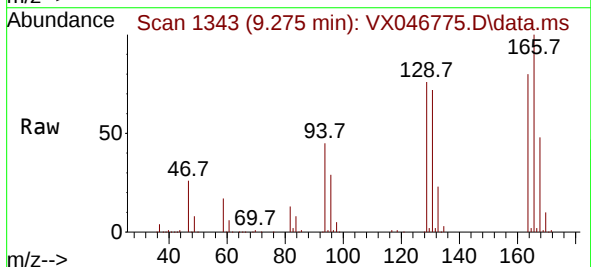
Manual Integrations
APPROVED

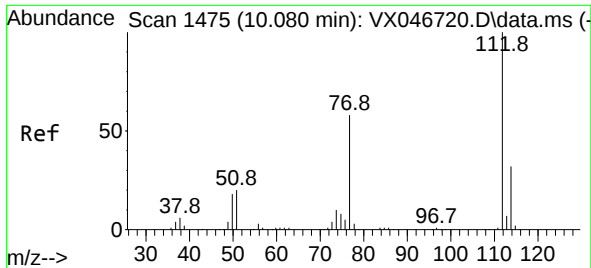
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64
Tetrachloroethene
Concen: 50.181 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

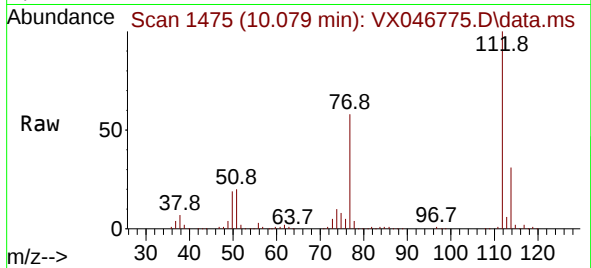
Tgt Ion:164 Resp: 66307
Ion Ratio Lower Upper
164 100
166 124.5 104.6 157.0
129 94.6 76.3 114.5
131 89.1 74.1 111.1





#65
Chlorobenzene
Concen: 51.382 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

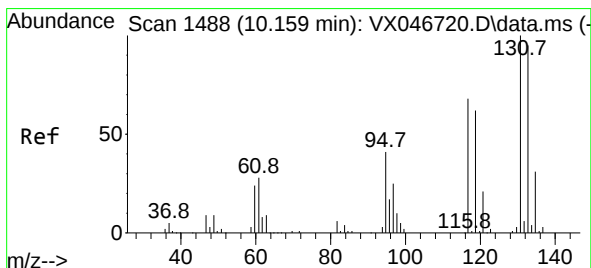
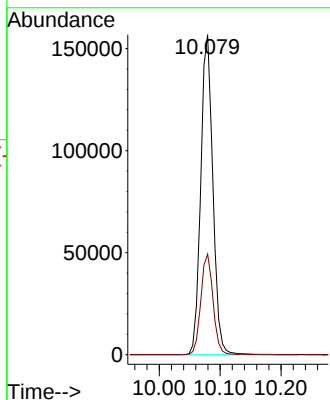
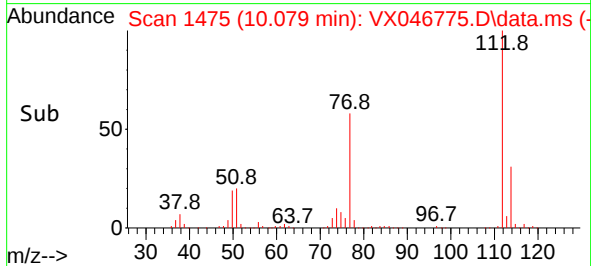
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:112 Resp: 216318
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3

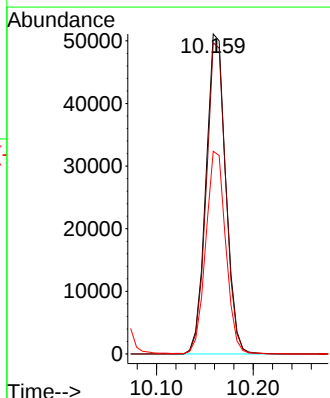
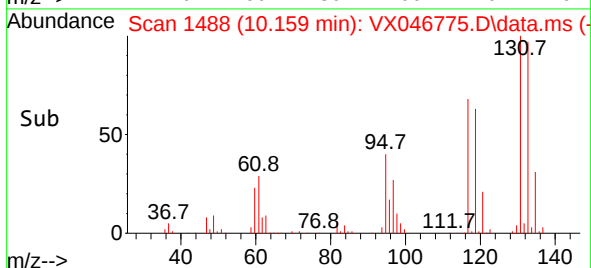
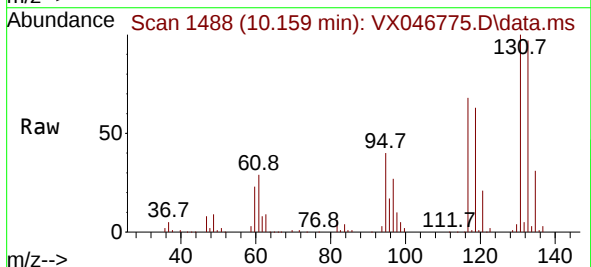
Manual Integrations
APPROVED

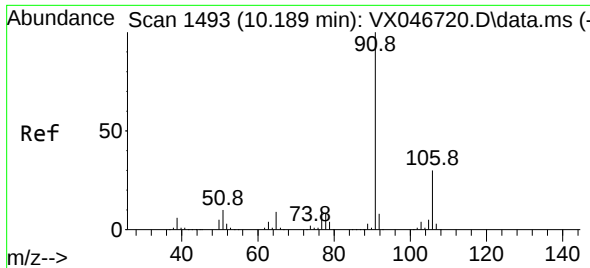
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 51.476 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

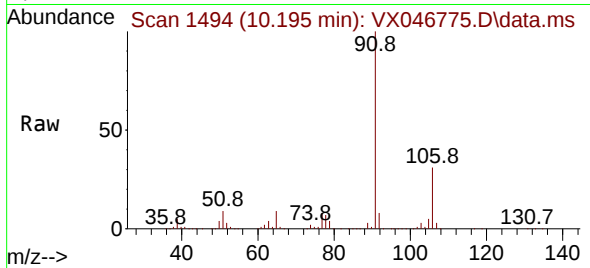
Tgt Ion:131 Resp: 72835
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 63.9 32.1 96.3





#67
Ethyl Benzene
Concen: 51.722 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

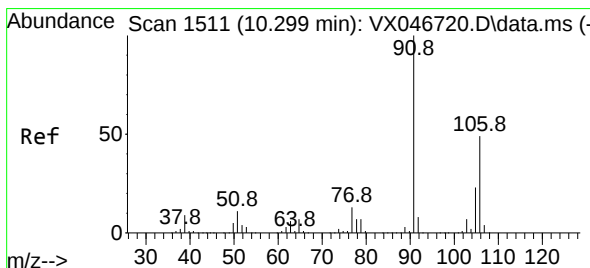
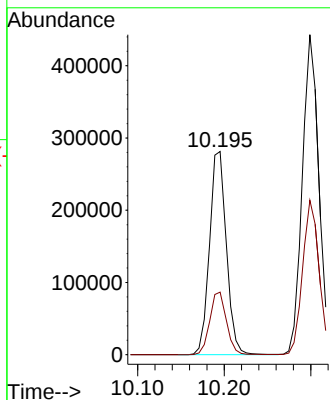
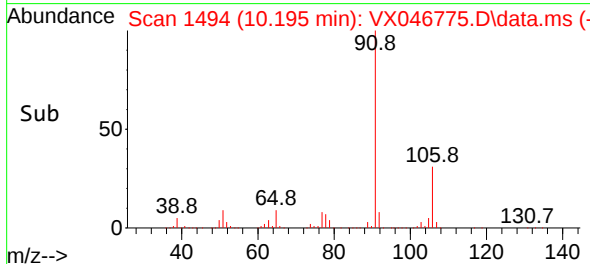
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



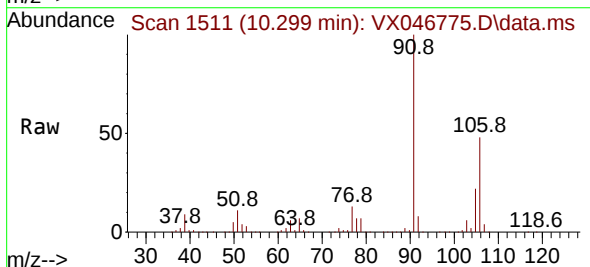
Tgt Ion: 91 Resp: 380469
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.2

Manual Integrations
APPROVED

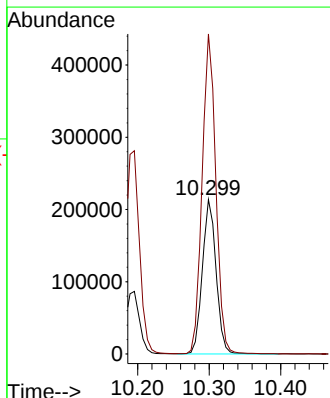
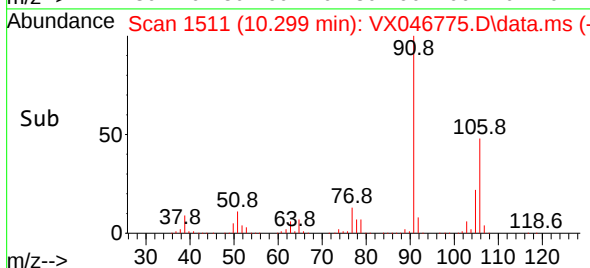
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

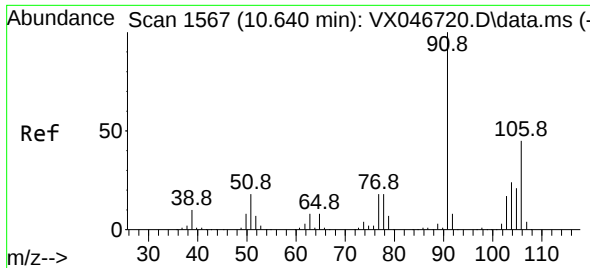


#68
m/p-Xylenes
Concen: 103.739 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



Tgt Ion:106 Resp: 284342
Ion Ratio Lower Upper
106 100
91 207.8 164.8 247.2





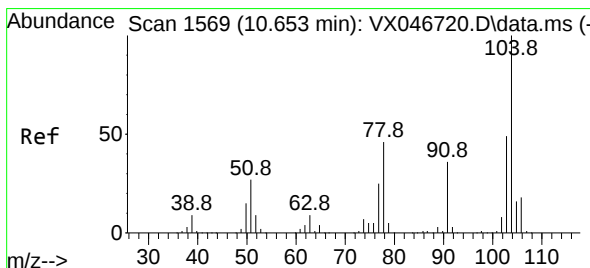
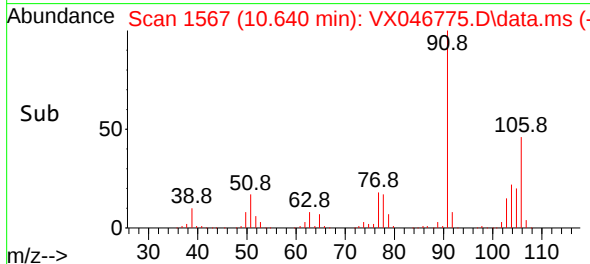
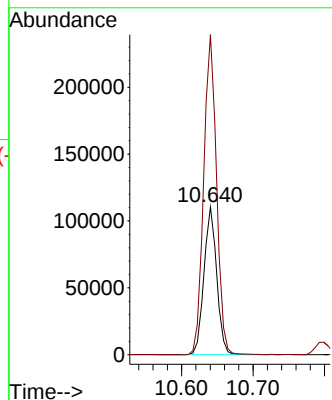
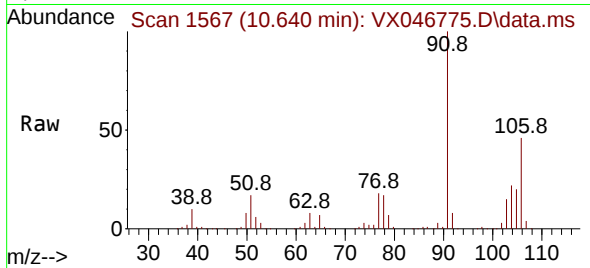
#69
o-Xylene
Concen: 53.151 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 13653
Ion Ratio Lower Upper
106 100
91 219.1 111.3 333.9

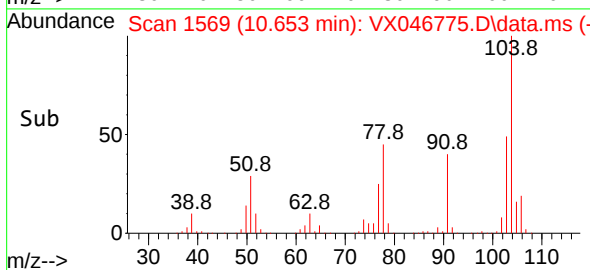
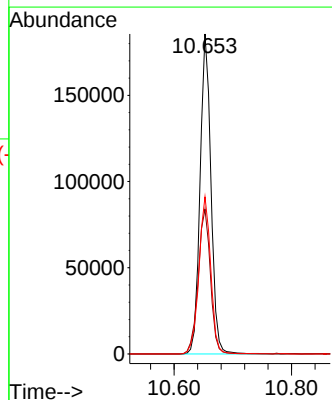
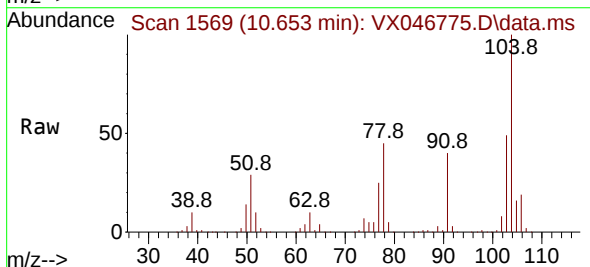
Manual Integrations
APPROVED

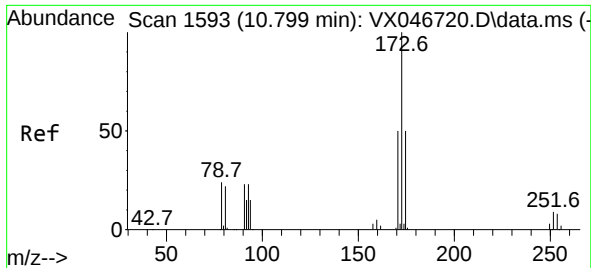
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 53.139 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

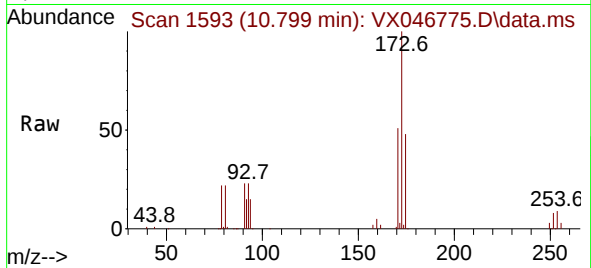
Tgt Ion:104 Resp: 238877
Ion Ratio Lower Upper
104 100
78 51.0 41.4 62.2
103 53.6 43.1 64.7





#71
Bromoform
Concen: 50.164 ug/l
RT: 10.799 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

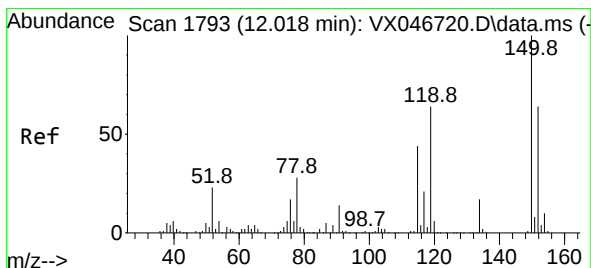
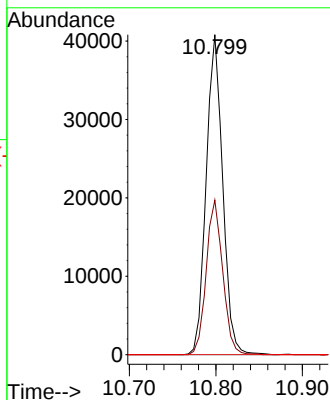
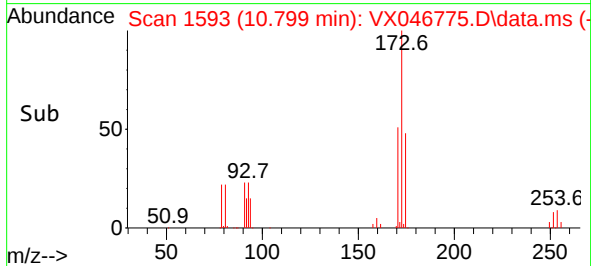
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 5405
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.0 0.1 0.1

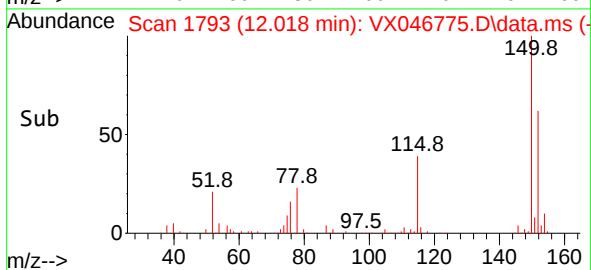
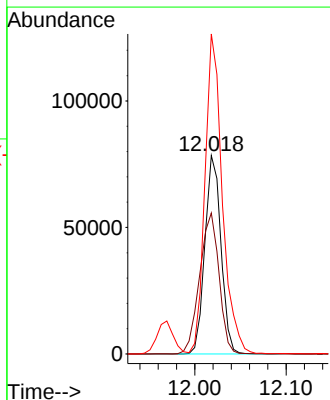
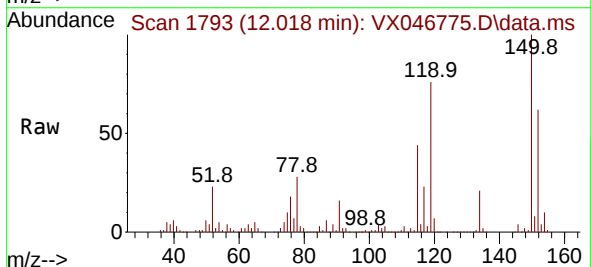
Manual Integrations
APPROVED

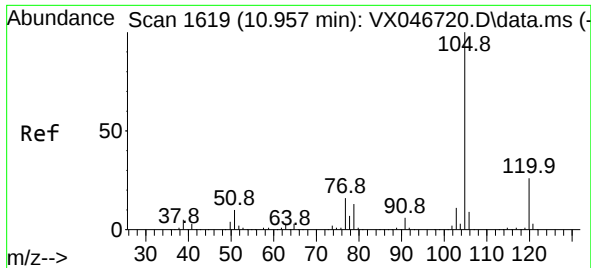
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:152 Resp: 95668
Ion Ratio Lower Upper
152 100
115 85.8 43.2 129.6
150 173.3 0.0 346.8





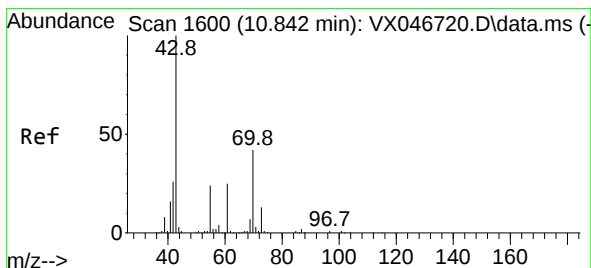
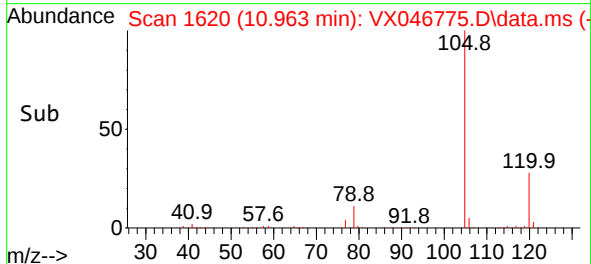
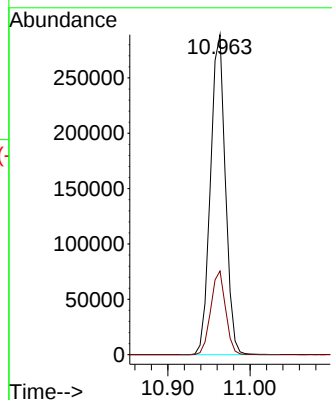
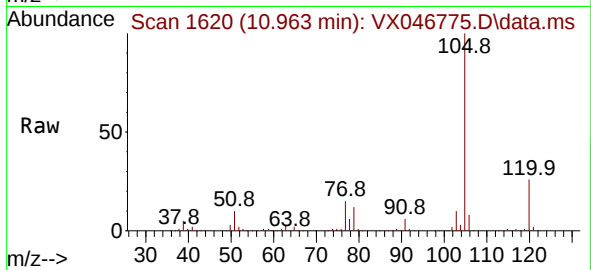
#73
Isopropylbenzene
Concen: 51.780 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 364838
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

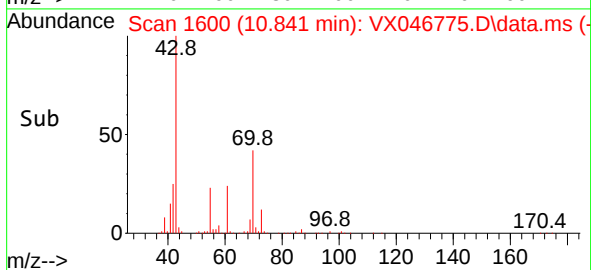
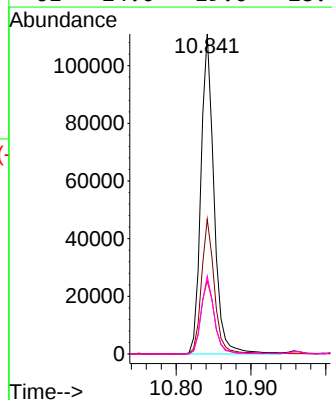
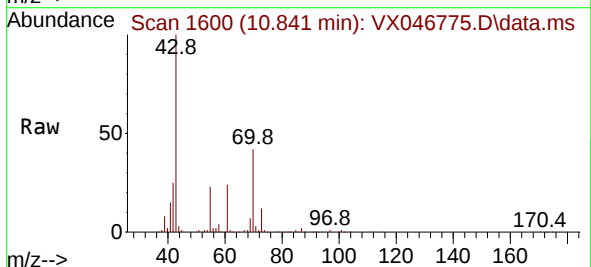
Manual Integrations
APPROVED

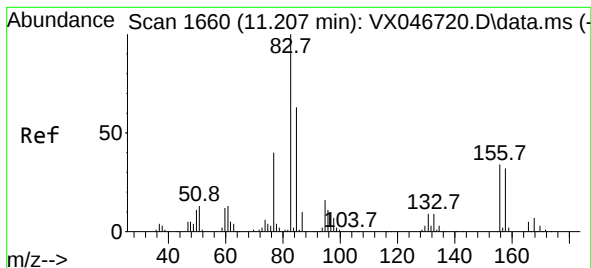
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#74
N-ethyl acetate
Concen: 50.472 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

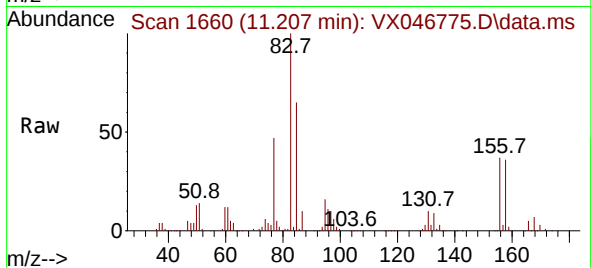
Tgt Ion: 43 Resp: 134737
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.0
55 24.0 19.1 28.7
61 24.0 19.0 28.4





#75
1,1,2,2-Tetrachloroethane
Concen: 50.908 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

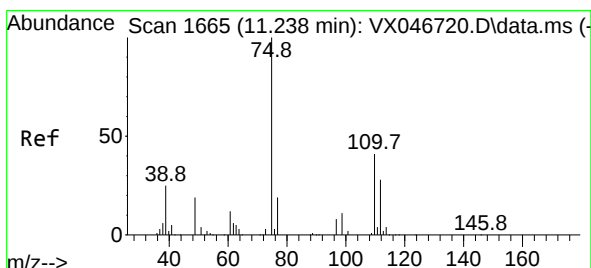
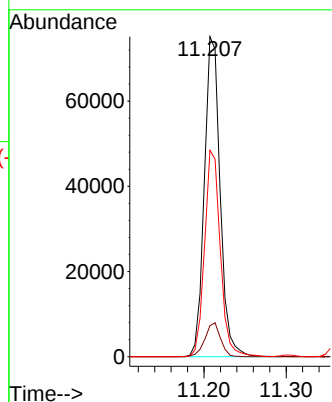
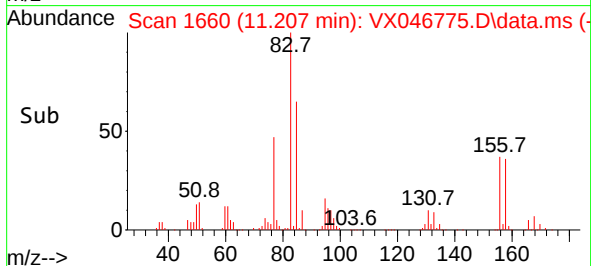
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



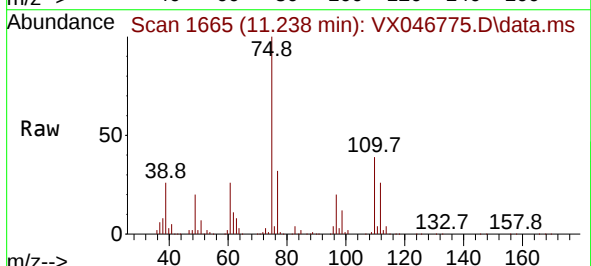
Tgt Ion: 83 Resp: 100150
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 64.3 32.0 96.0

Manual Integrations
APPROVED

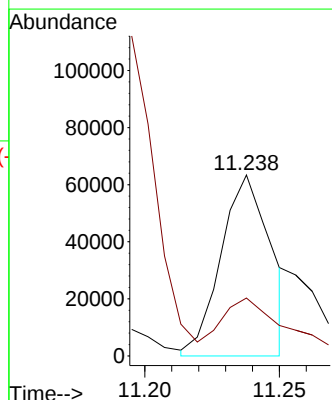
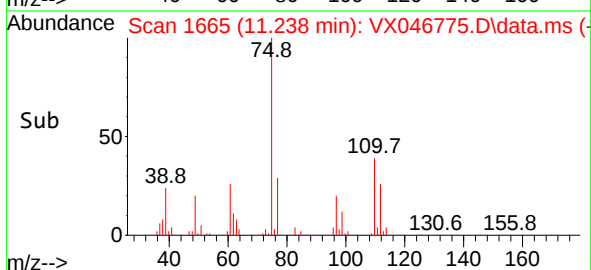
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

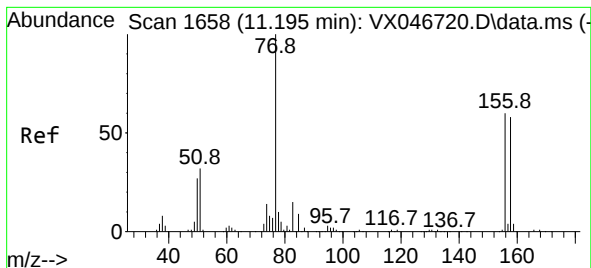


#76
1,2,3-Trichloropropane
Concen: 46.384 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



Tgt Ion: 75 Resp: 81274
Ion Ratio Lower Upper
75 100
77 42.5 18.5 55.5





#77

Bromobenzene

Concen: 51.813 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

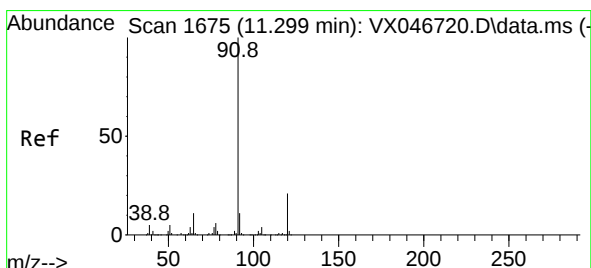
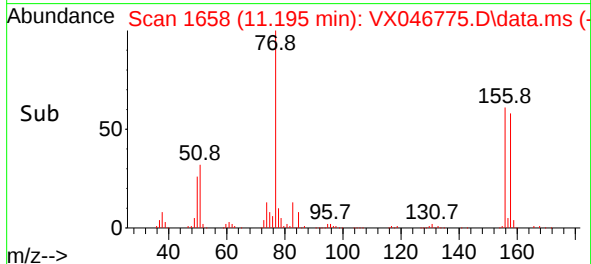
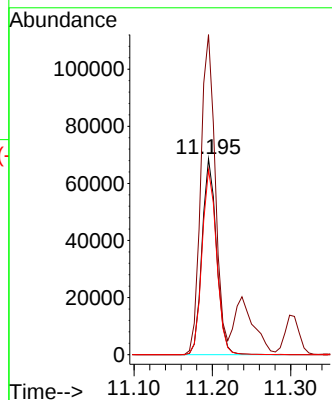
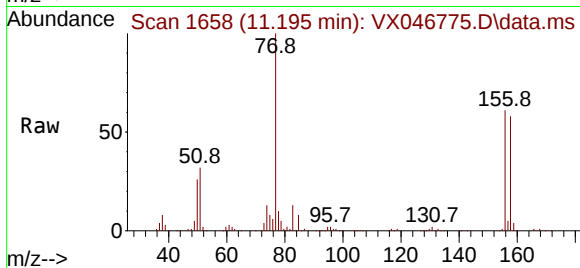
Tgt Ion:	156	Resp:	87850
Ion Ratio	Lower	Upper	
156	100		
77	164.9	82.8	248.6
158	95.3	47.6	142.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#78

n-propylbenzene

Concen: 51.735 ug/l

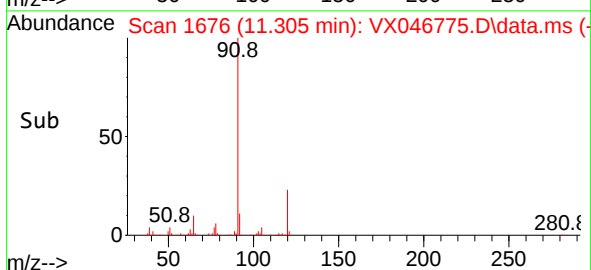
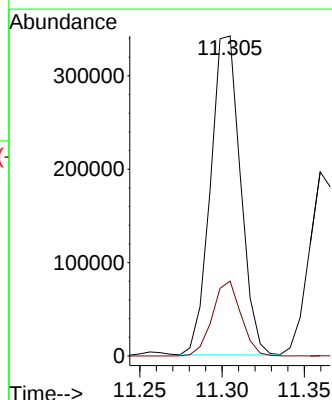
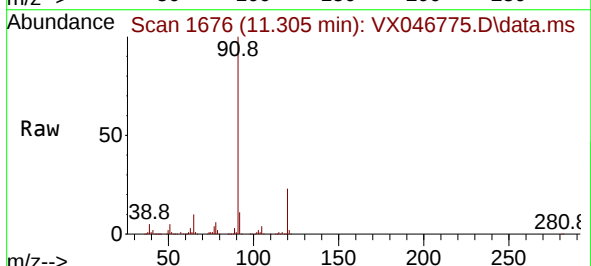
RT: 11.305 min Scan# 1676

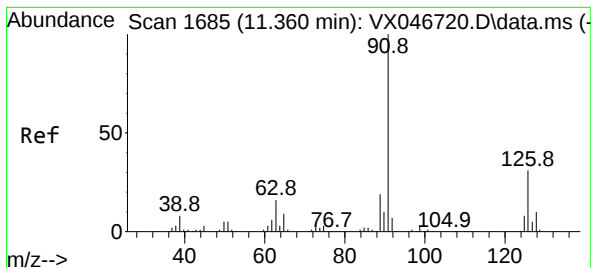
Delta R.T. 0.006 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

Tgt Ion:	91	Resp:	432963
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.4	34.1





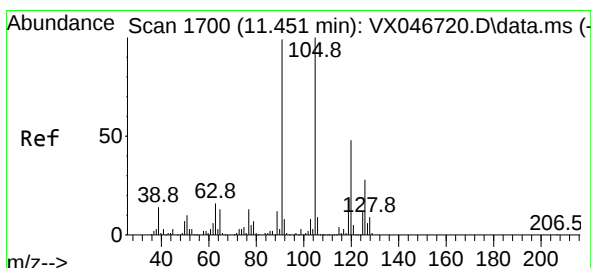
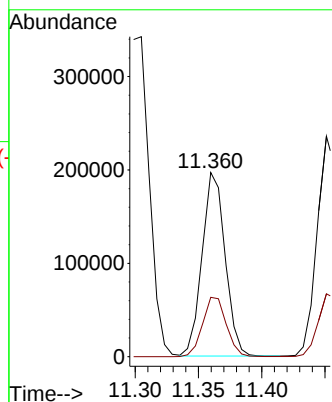
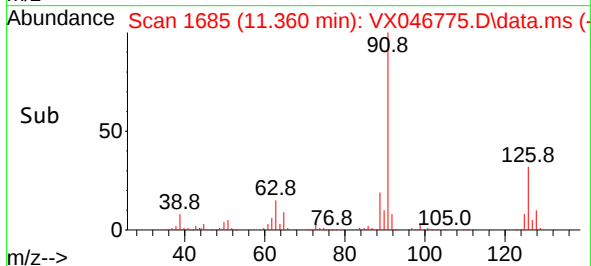
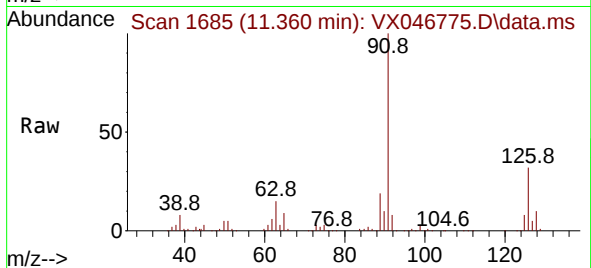
#79
2-Chlorotoluene
Concen: 49.914 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 24940
Ion Ratio Lower Upper
91 100
126 33.4 16.6 49.7

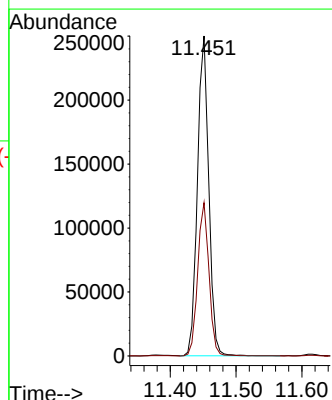
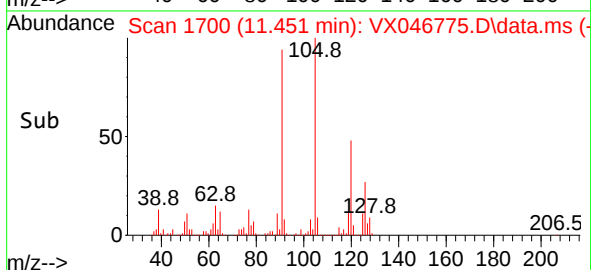
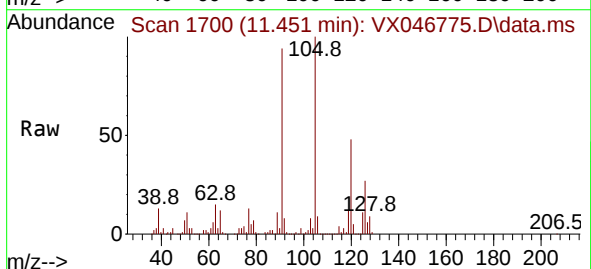
Manual Integrations
APPROVED

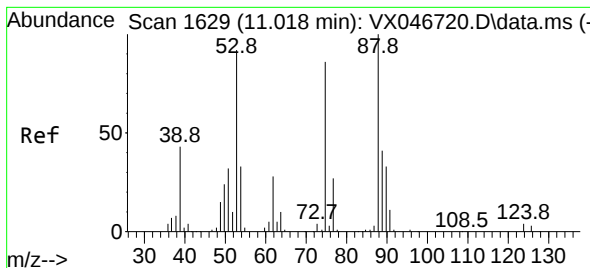
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.570 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

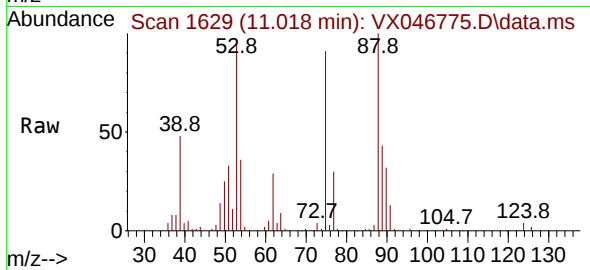
Tgt Ion:105 Resp: 298594
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 47.021 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

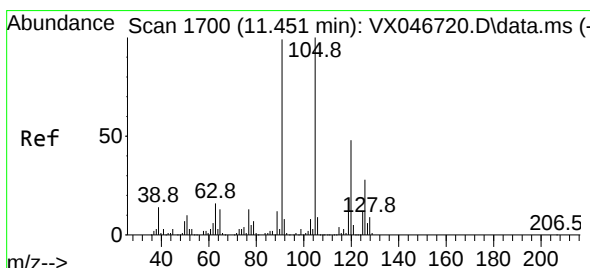
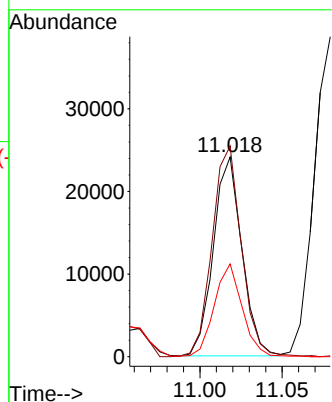
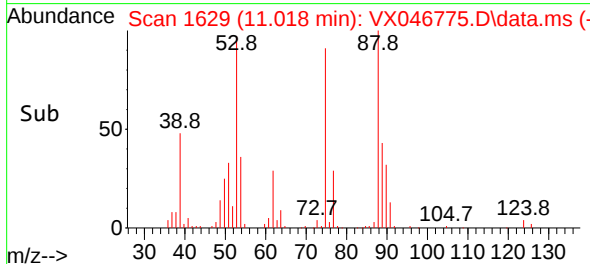
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



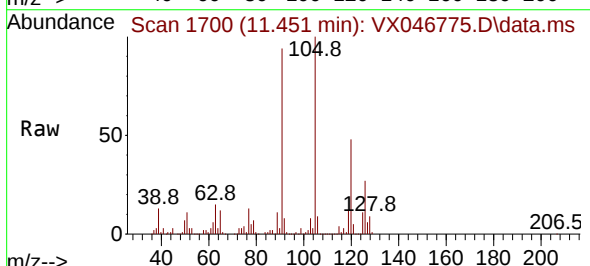
Tgt Ion: 75 Resp: 29148
Ion Ratio Lower Upper
75 100
53 108.3 86.8 130.2
89 45.6 36.9 55.3

Manual Integrations
APPROVED

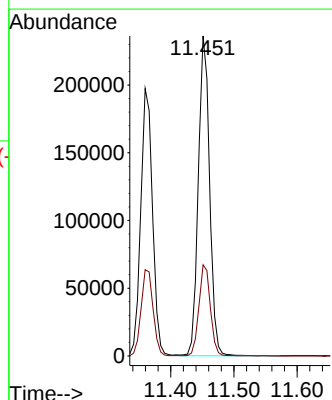
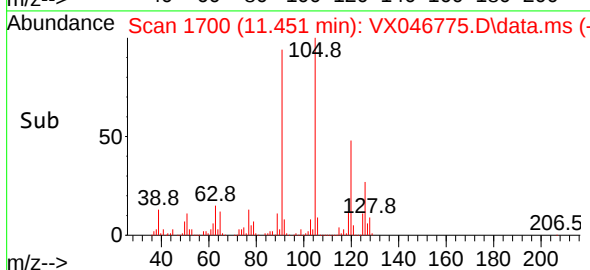
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

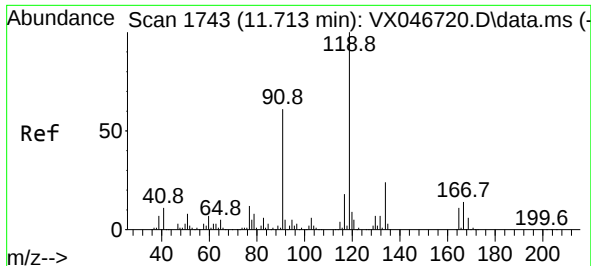


#82
4-Chlorotoluene
Concen: 50.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



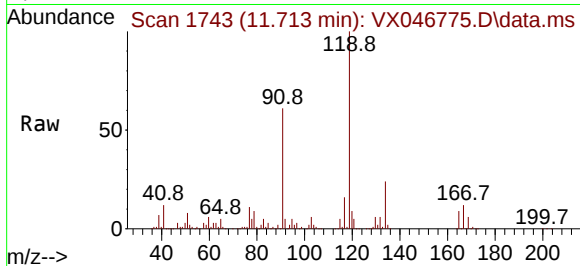
Tgt Ion: 91 Resp: 293281
Ion Ratio Lower Upper
91 100
126 29.0 14.4 43.2





#83
tert-Butylbenzene
Concen: 50.825 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

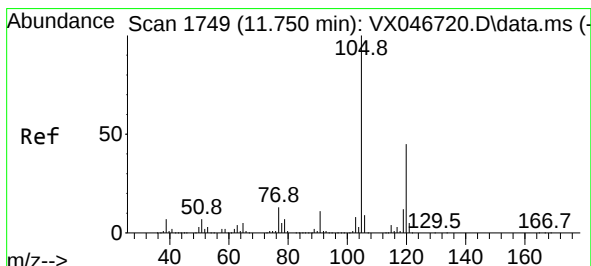
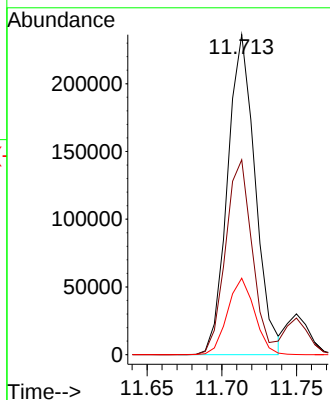
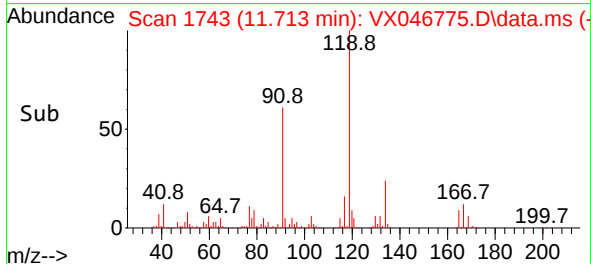
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



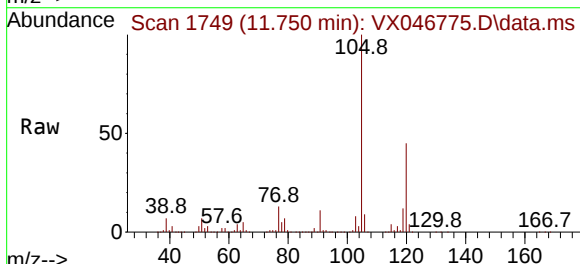
Tgt Ion:119 Resp: 304194
Ion Ratio Lower Upper
119 100
91 59.5 29.5 88.6
134 23.4 11.7 35.0

Manual Integrations
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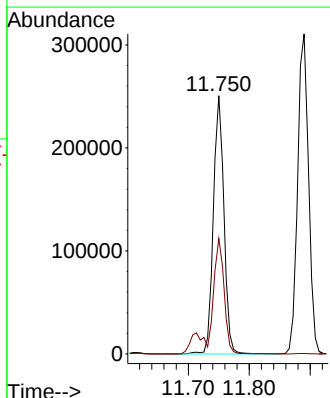
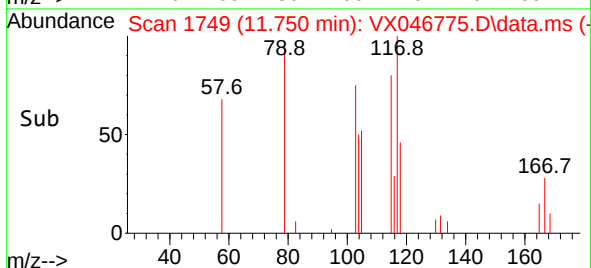
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

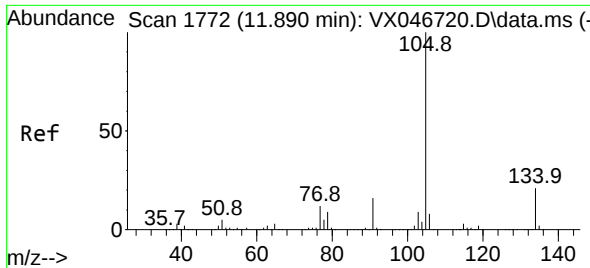


#84
1,2,4-Trimethylbenzene
Concen: 51.927 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10



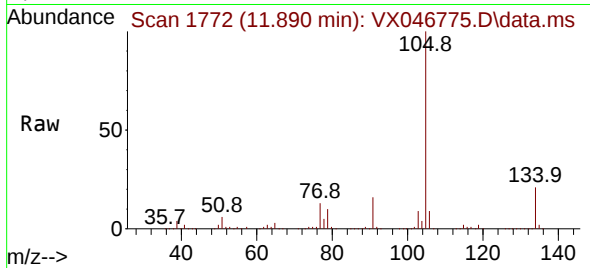
Tgt Ion:105 Resp: 302076
Ion Ratio Lower Upper
105 100
120 43.0 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 51.281 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046775.D
 Acq: 19 Jun 2025 17:10

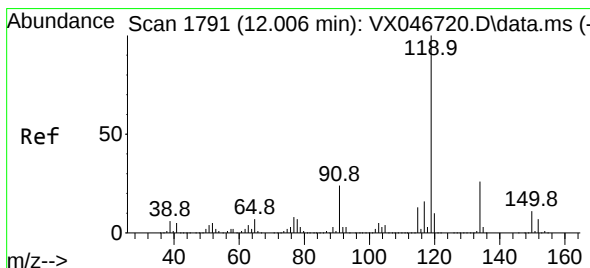
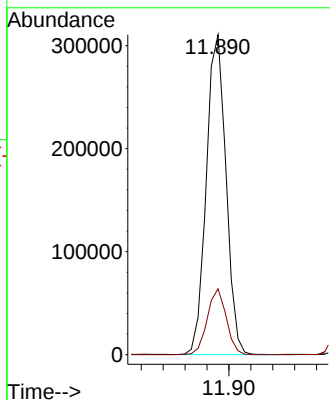
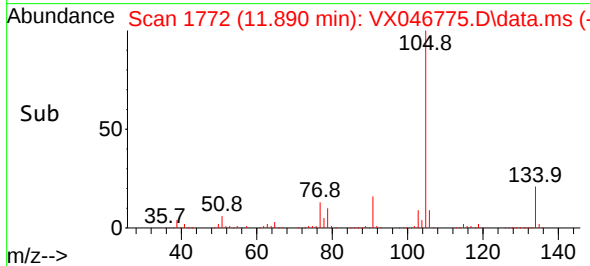
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



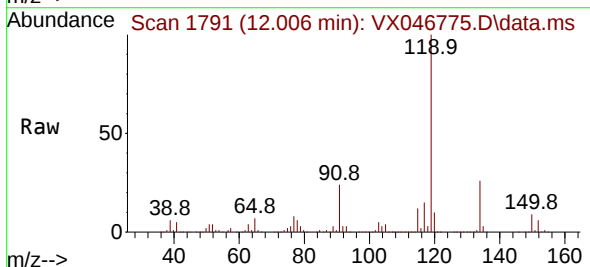
Tgt Ion:105 Resp: 38789
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.8 29.4

Manual Integrations
 APPROVED

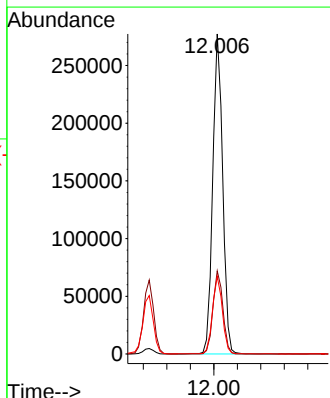
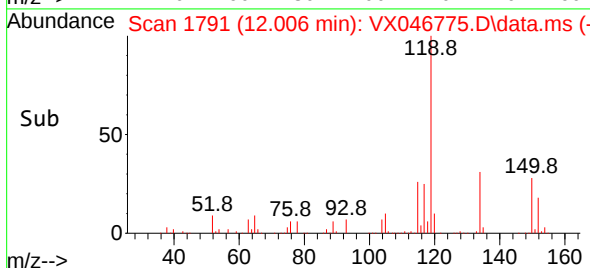
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

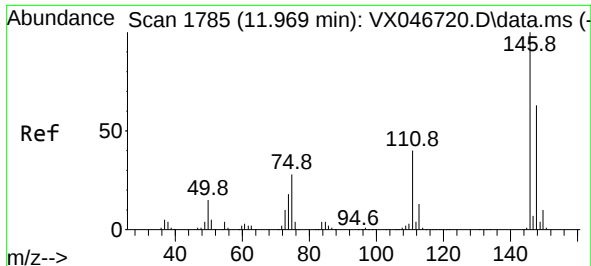


#86
 p-Isopropyltoluene
 Concen: 51.067 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046775.D
 Acq: 19 Jun 2025 17:10



Tgt Ion:119 Resp: 325914
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.7
 91 24.2 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 49.259 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX046775.D

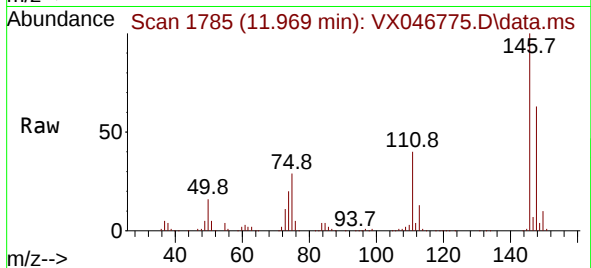
Acq: 19 Jun 2025 17:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 16285

Ion Ratio Lower Upper

146 100

111 40.8 20.6 61.8

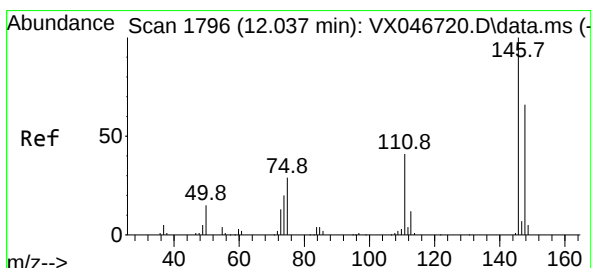
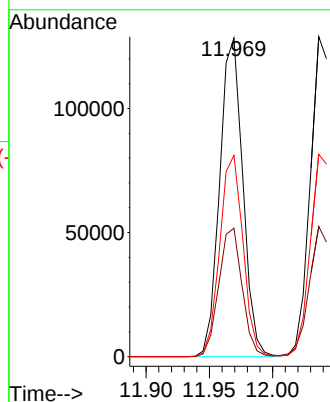
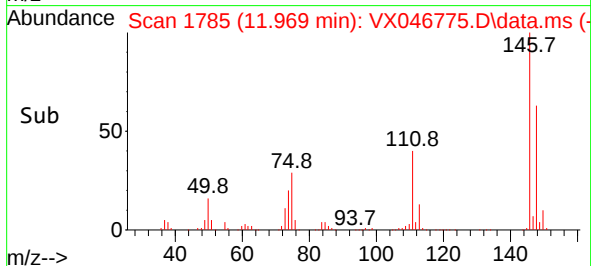
148 63.7 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#88

1,4-Dichlorobenzene

Concen: 47.505 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046775.D

Acq: 19 Jun 2025 17:10

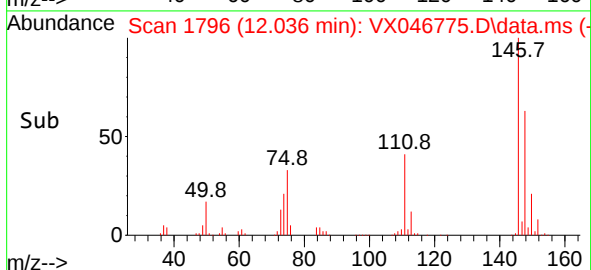
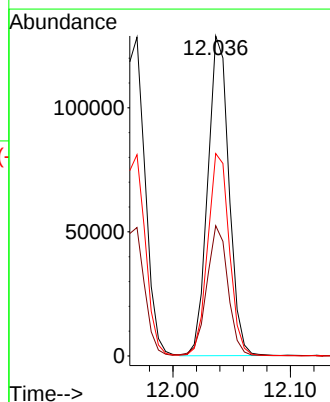
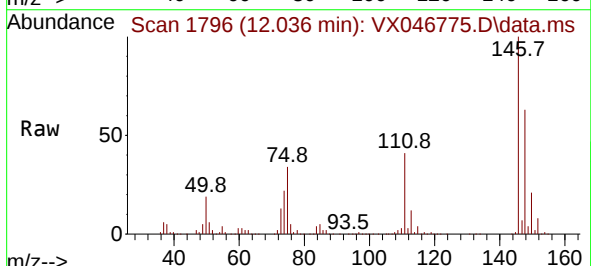
Tgt Ion:146 Resp: 161313

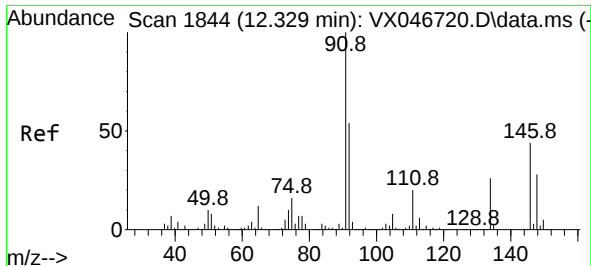
Ion Ratio Lower Upper

146 100

111 40.7 20.3 61.0

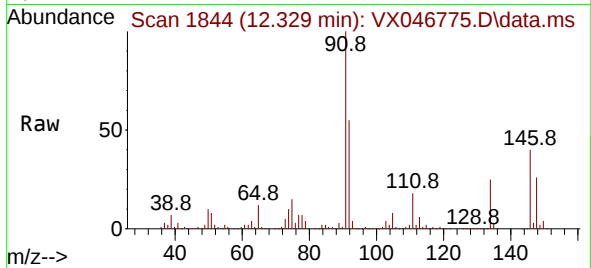
148 64.9 32.1 96.5





#89
n-Butylbenzene
Concen: 50.967 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

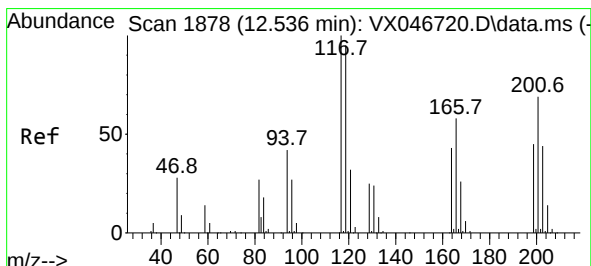
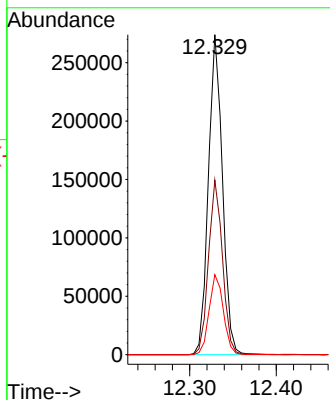
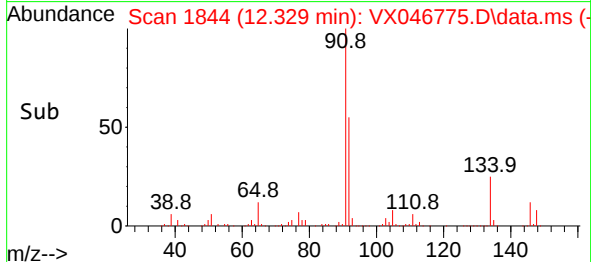
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 308844
Ion Ratio Lower Upper
91 100
92 54.4 27.1 81.3
134 25.4 12.9 38.6

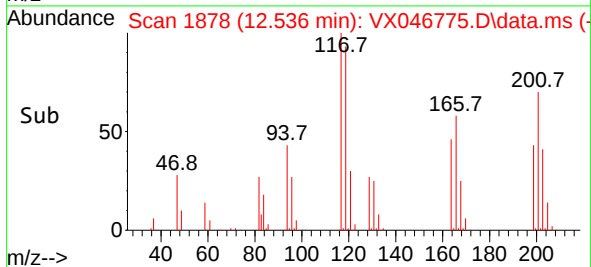
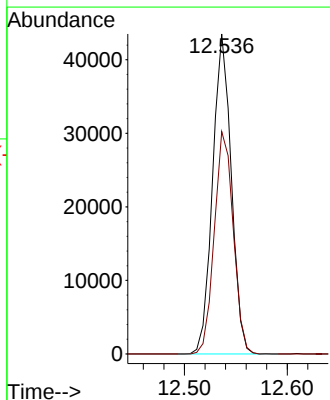
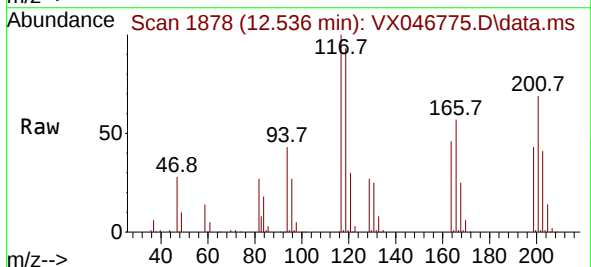
Manual Integrations
APPROVED

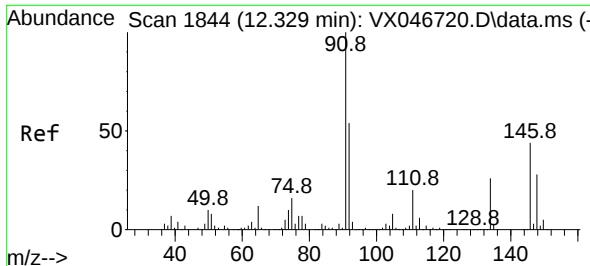
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#90
Hexachloroethane
Concen: 48.908 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

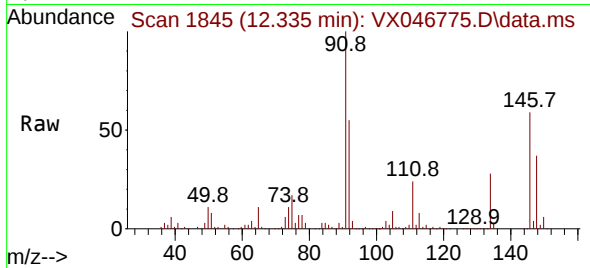
Tgt Ion:117 Resp: 54659
Ion Ratio Lower Upper
117 100
201 70.7 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 50.145 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

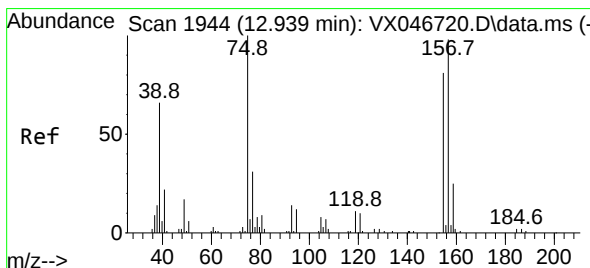
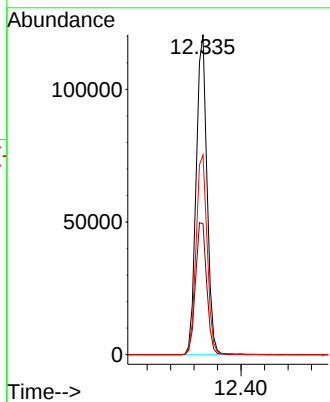
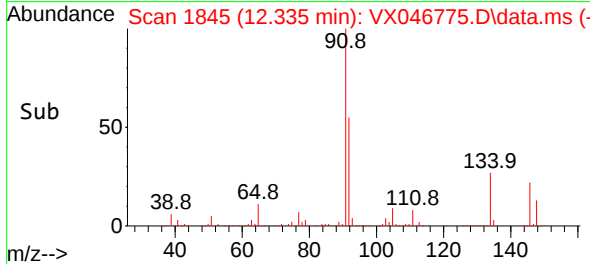
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 154918
Ion Ratio Lower Upper
146 100
111 42.6 21.7 65.1
148 64.1 32.0 96.2

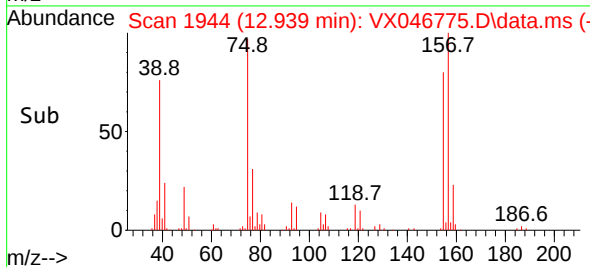
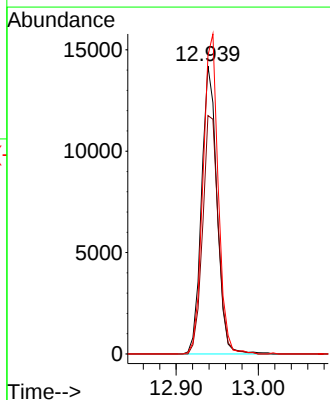
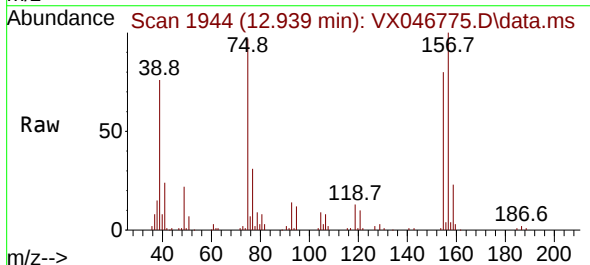
Manual Integrations
APPROVED

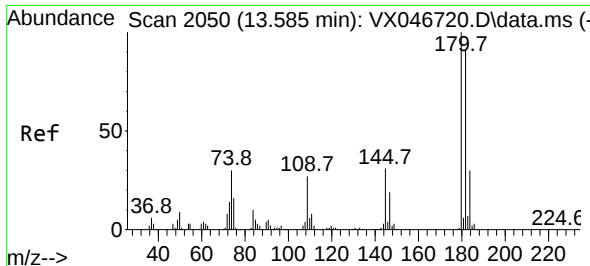
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.738 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

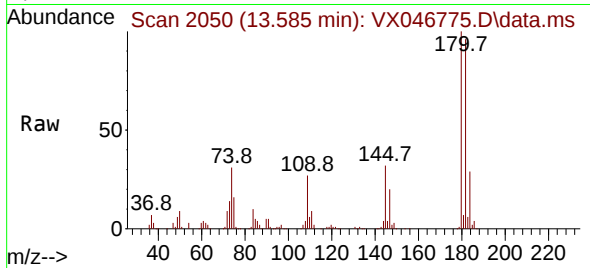
Tgt Ion: 75 Resp: 18542
Ion Ratio Lower Upper
75 100
155 84.1 41.9 125.7
157 109.5 51.4 154.3





#93
 1,2,4-Trichlorobenzene
 Concen: 49.769 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VX046775.D
 Acq: 19 Jun 2025 17:10

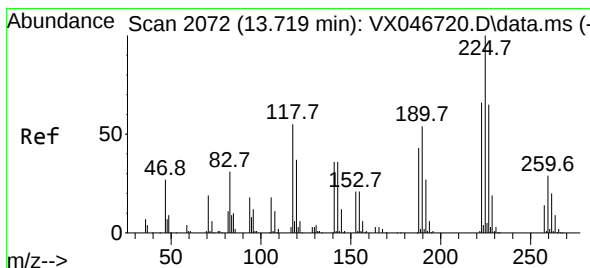
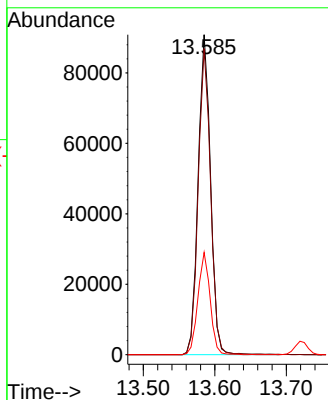
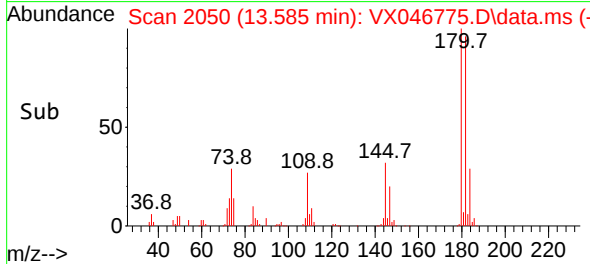
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



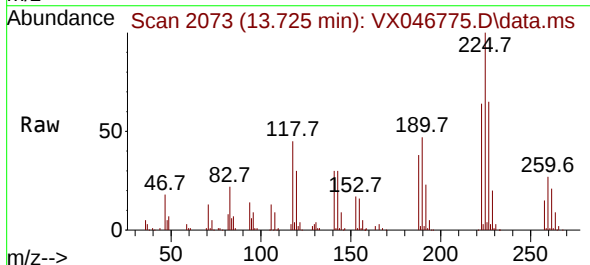
Tgt Ion:180 Resp: 10931
 Ion Ratio Lower Upper
 180 100
 182 95.3 46.7 140.1
 145 31.5 15.8 47.4

Manual Integrations
 APPROVED

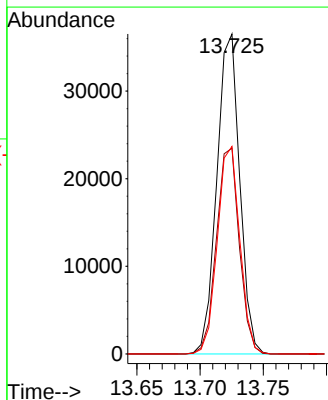
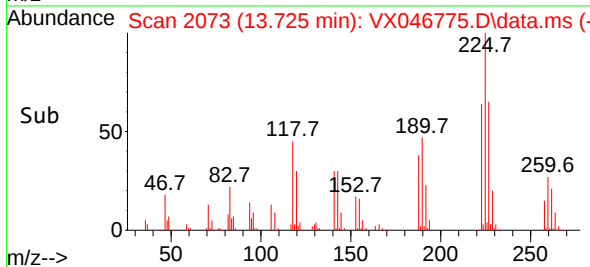
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

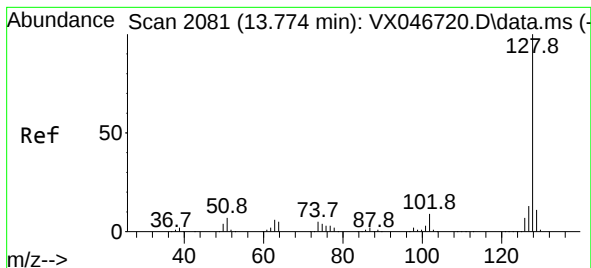


#94
 Hexachlorobutadiene
 Concen: 49.603 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VX046775.D
 Acq: 19 Jun 2025 17:10



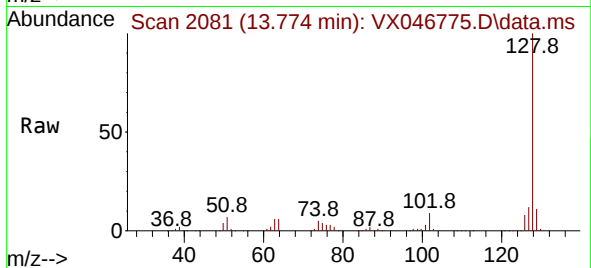
Tgt Ion:225 Resp: 45830
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.5 97.5
 227 63.7 32.2 96.6





#95
Naphthalene
Concen: 50.093 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

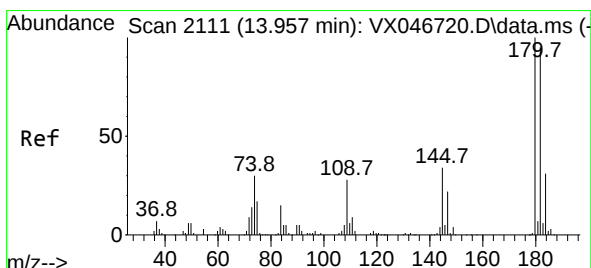
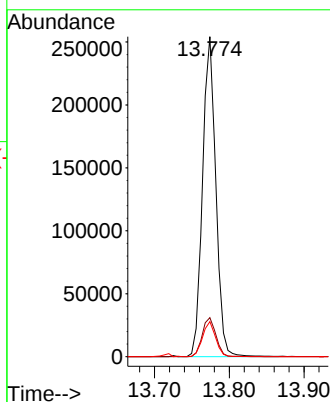
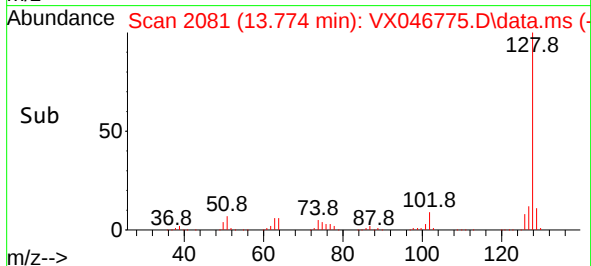
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 313462
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.228 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046775.D
Acq: 19 Jun 2025 17:10

Tgt Ion:180 Resp: 105543
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 33.7 17.3 51.9

