

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046078.D
 Acq On : 08 May 2025 10:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2025
 Supervised By : Mahesh Dadoda 05/09/2025

Quant Time: May 09 01:54:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	105825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	181991	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	158314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	73554	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87330	44.264	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.520%
35) Dibromofluoromethane	5.373	113	60469	46.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.280%
50) Toluene-d8	8.641	98	209081	46.095	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.180%
62) 4-Bromofluorobenzene	11.079	95	77895	44.770	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.540%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	83116	51.315	ug/l	98
3) Chloromethane	1.307	50	74806	47.625	ug/l	99
4) Vinyl Chloride	1.374	62	67994	46.512	ug/l	99
5) Bromomethane	1.593	94	29775	43.914	ug/l	92
6) Chloroethane	1.666	64	37272	47.760	ug/l	96
7) Trichlorofluoromethane	1.874	101	105506	48.834	ug/l	98
8) Diethyl Ether	2.130	74	33259	45.221	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	64604	48.319	ug/l	98
10) Methyl Iodide	2.441	142	74153	46.872	ug/l	98
11) Tert butyl alcohol	2.971	59	62270	224.852	ug/l	99
12) 1,1-Dichloroethene	2.313	96	58611	46.709	ug/l	99
13) Acrolein	2.233	56	54033	171.322	ug/l	99
14) Allyl chloride	2.654	41	115880	48.320	ug/l	99
15) Acrylonitrile	3.056	53	182115	229.976	ug/l	97
16) Acetone	2.380	43	186025	235.163	ug/l	100
17) Carbon Disulfide	2.502	76	138794	46.655	ug/l	98
18) Methyl Acetate	2.703	43	84794	46.193	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	208870	47.478	ug/l	99
20) Methylene Chloride	2.782	84	65321	43.091	ug/l	98
21) trans-1,2-Dichloroethene	3.081	96	59244	46.948	ug/l	99
22) Diisopropyl ether	3.757	45	219654	47.416	ug/l	94
23) Vinyl Acetate	3.715	43	967835	237.541	ug/l	99
24) 1,1-Dichloroethane	3.599	63	120908	46.860	ug/l	98
25) 2-Butanone	4.550	43	267660	233.066	ug/l	99
26) 2,2-Dichloropropane	4.465	77	95561	47.319	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	70250	46.243	ug/l	99
28) Bromochloromethane	4.891	49	61656	49.644	ug/l	99
29) Tetrahydrofuran	4.995	42	165473	229.940	ug/l	99
30) Chloroform	5.080	83	127233	47.310	ug/l	99
31) Cyclohexane	5.458	56	109556	46.596	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	109783	47.092	ug/l	99
36) 1,1-Dichloropropene	5.684	75	81796	46.453	ug/l	100
37) Ethyl Acetate	4.702	43	99719	45.837	ug/l	100
38) Carbon Tetrachloride	5.666	117	94525	47.778	ug/l	94
39) Methylcyclohexane	7.373	83	105443	46.514	ug/l	94
40) Benzene	6.025	78	241966	46.914	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	57552	50.572	ug/l	98
42) 1,2-Dichloroethane	6.074	62	102778	46.172	ug/l	99
43) Isopropyl Acetate	6.330	43	158841	47.860	ug/l	99
44) Trichloroethene	7.117	130	59087	47.599	ug/l	98
45) 1,2-Dichloropropane	7.421	63	61126	47.662	ug/l	98
46) Dibromomethane	7.574	93	46530	46.001	ug/l	99
47) Bromodichloromethane	7.818	83	96407	48.392	ug/l	99
48) Methyl methacrylate	7.690	41	81622	48.156	ug/l	99
49) 1,4-Dioxane	7.653	88	30726	954.733	ug/l	99
51) 4-Methyl-2-Pentanone	8.568	43	521204	236.587	ug/l	99
52) Toluene	8.714	92	147100	46.513	ug/l	98
53) t-1,3-Dichloropropene	8.970	75	86965	49.111	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	96359	49.234	ug/l	95
55) 1,1,2-Trichloroethane	9.147	97	58084	46.578	ug/l	97
56) Ethyl methacrylate	9.110	69	96373	48.490	ug/l	99
57) 1,3-Dichloropropane	9.305	76	102289	45.674	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	198555	195.960	ug/l	100
59) 2-Hexanone	9.427	43	384624	235.986	ug/l	100
60) Dibromochloromethane	9.519	129	67444	49.247	ug/l	100
61) 1,2-Dibromoethane	9.604	107	59787	46.129	ug/l	97
64) Tetrachloroethene	9.269	164	54223	48.407	ug/l	97
65) Chlorobenzene	10.073	112	156475	45.157	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	55173	46.629	ug/l	98
67) Ethyl Benzene	10.189	91	290265	47.522	ug/l	99
68) m/p-Xylenes	10.299	106	210404	94.184	ug/l	98
69) o-Xylene	10.640	106	102240	46.944	ug/l	96
70) Styrene	10.653	104	174009	48.774	ug/l	99
71) Bromoform	10.799	173	43259	48.696	ug/l #	98
73) Isopropylbenzene	10.957	105	277319	48.428	ug/l	100
74) N-amyl acetate	10.842	43	135534	47.898	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88732	44.217	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	80257m	45.331	ug/l	
77) Bromobenzene	11.195	156	62702	47.164	ug/l	97
78) n-propylbenzene	11.299	91	325019	48.814	ug/l	100
79) 2-Chlorotoluene	11.360	91	198350	46.185	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233158	48.737	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.012	75	25533	46.952	ug/l	99
82) 4-Chlorotoluene	11.451	91	227761	47.823	ug/l	99
83) tert-Butylbenzene	11.713	119	228755	47.471	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	235628	48.637	ug/l	100
85) sec-Butylbenzene	11.890	105	289872	48.992	ug/l	100
86) p-Isopropyltoluene	12.006	119	241375	49.423	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	115894	47.766	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	114313	46.133	ug/l	99
89) n-Butylbenzene	12.329	91	217191	50.699	ug/l	99
90) Hexachloroethane	12.536	117	41883	48.677	ug/l	100
91) 1,2-Dichlorobenzene	12.329	146	113569	46.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21306	47.926	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	68569	49.033	ug/l	99
94) Hexachlorobutadiene	13.719	225	29643	48.535	ug/l	97
95) Naphthalene	13.774	128	239114	46.620	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	68552	47.508	ug/l	100

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

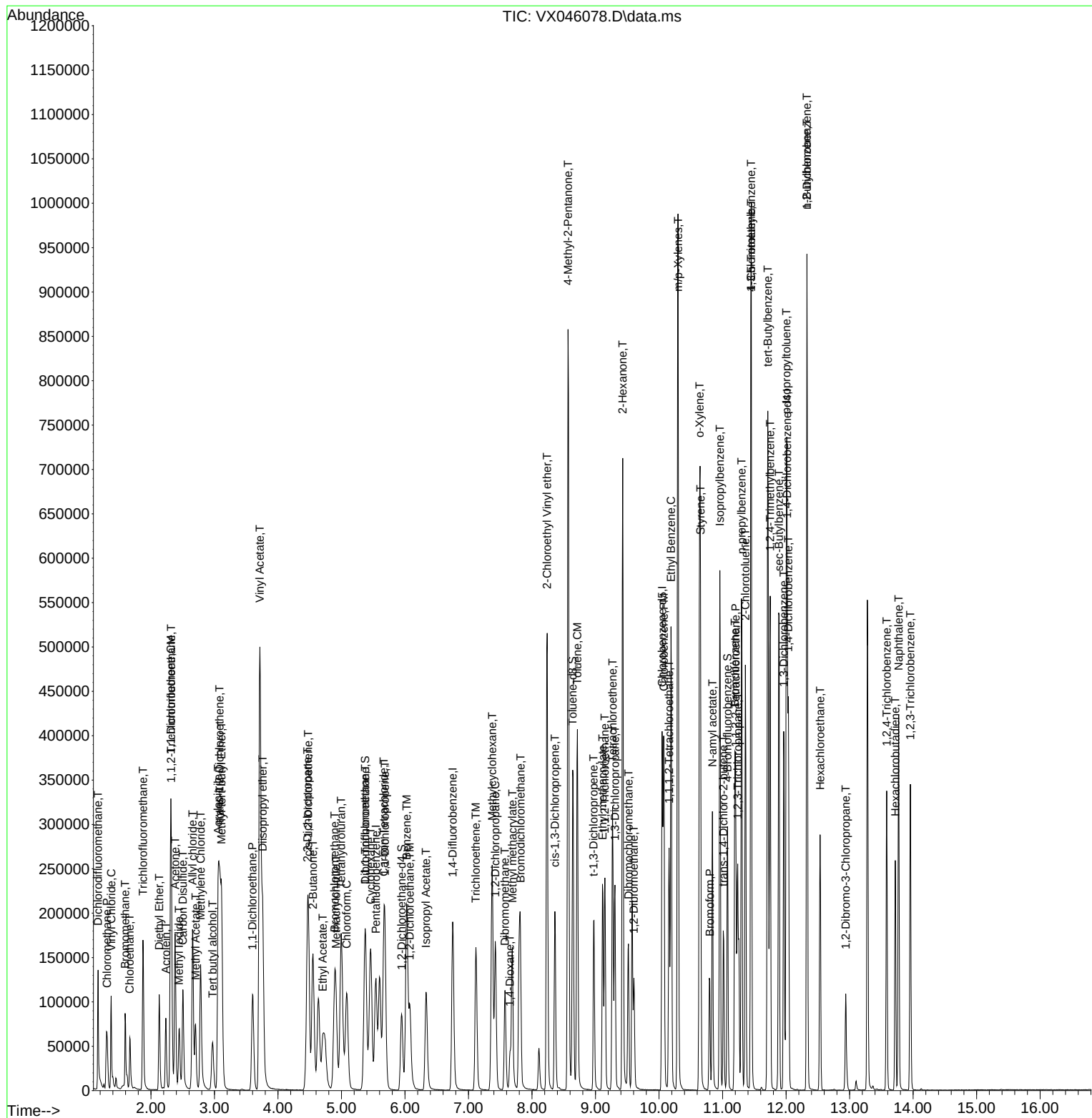
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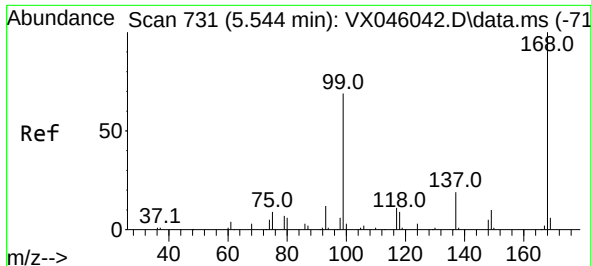
Instrument :
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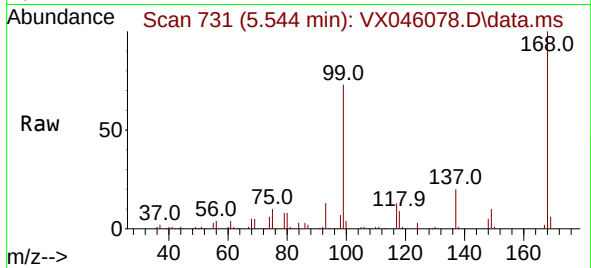
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
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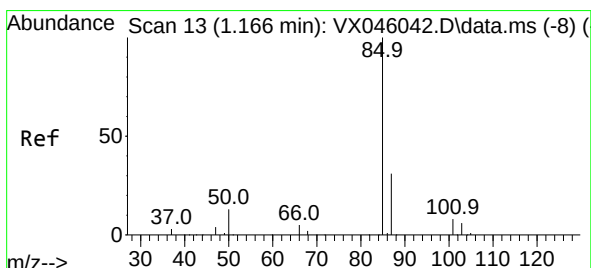
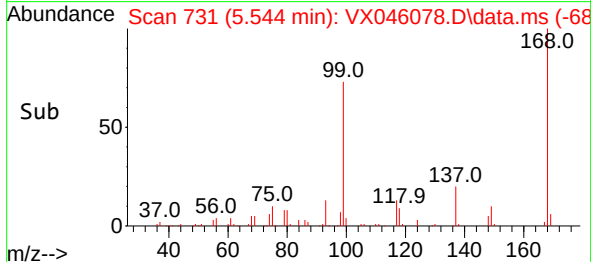
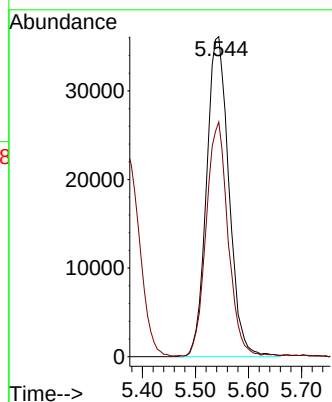
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 105829
Ion Ratio Lower Upper
168 100
99 73.0 54.9 82.3

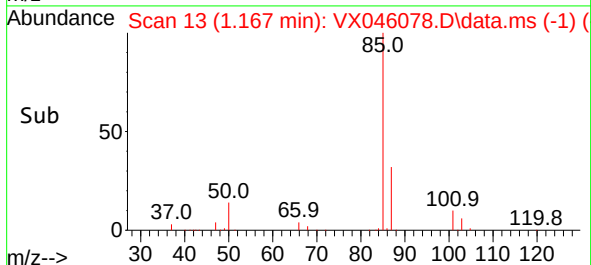
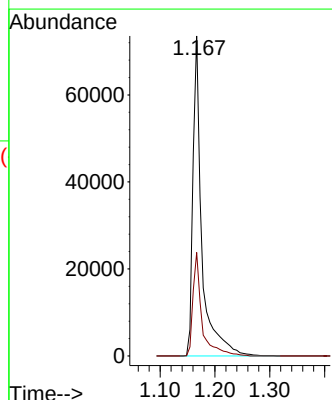
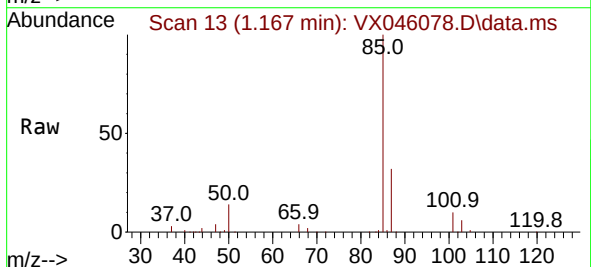
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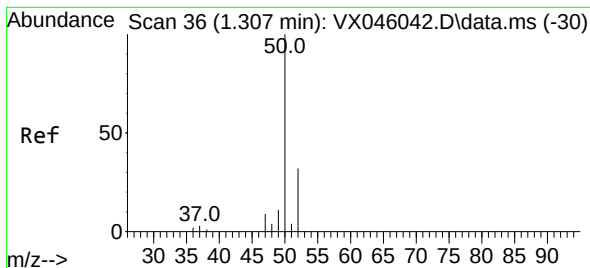
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#2
Dichlorodifluoromethane
Concen: 51.315 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 85 Resp: 83116
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3

Chloromethane

Concen: 47.625 ug/l

RT: 1.307 min Scan# 30

Delta R.T. 0.000 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 74800

Ion Ratio Lower Upper

50 100

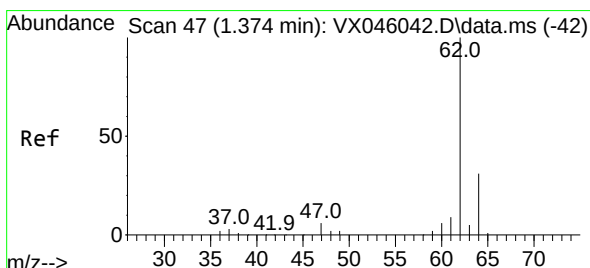
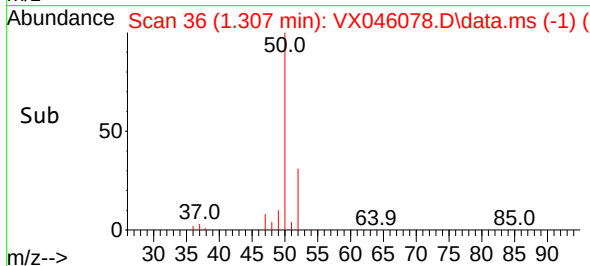
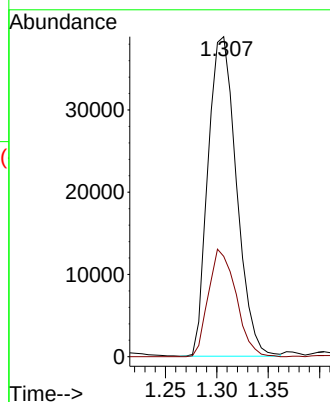
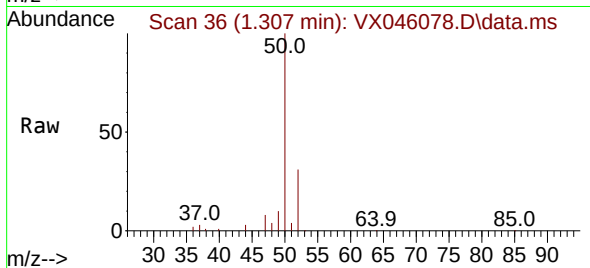
52 31.4 25.4 38.2

Manual Integrations

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Supervised By :Mahesh Dadoda 05/09/2025



#4

Vinyl Chloride

Concen: 46.512 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX046078.D

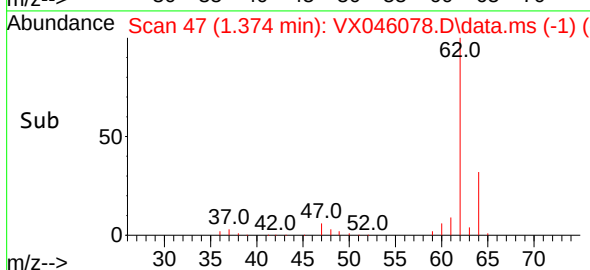
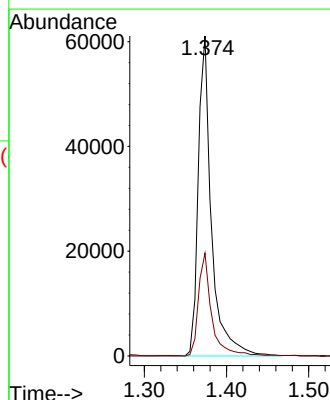
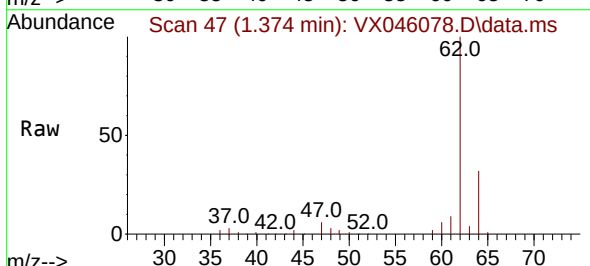
Acq: 08 May 2025 10:05

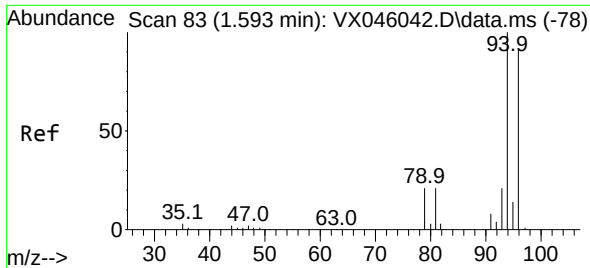
Tgt Ion: 62 Resp: 67994

Ion Ratio Lower Upper

62 100

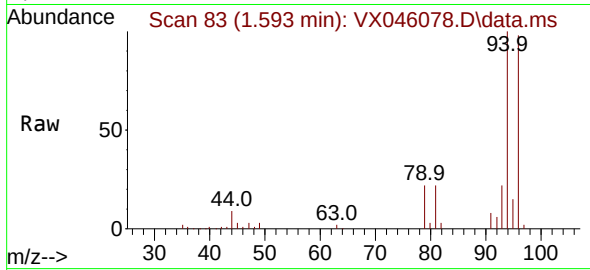
64 32.1 25.2 37.8





#5
 Bromomethane
 Concen: 43.914 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VX046078.D
 Acq: 08 May 2025 10:05

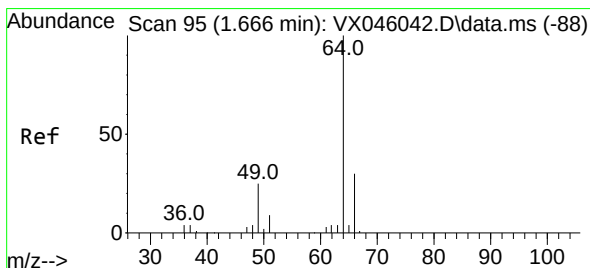
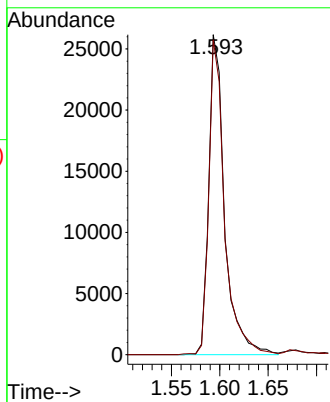
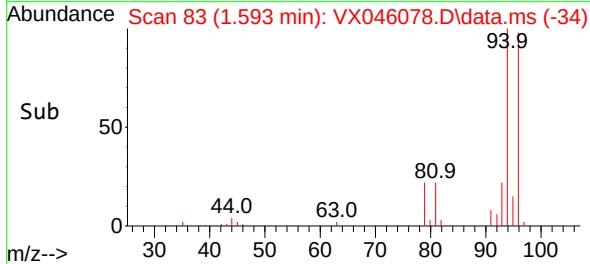
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Tgt Ion: 94 Resp: 29775
 Ion Ratio Lower Upper
 94 100
 96 98.4 72.8 109.2

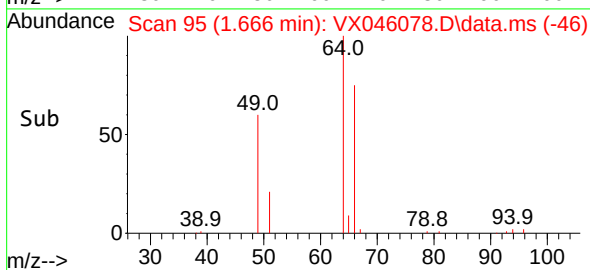
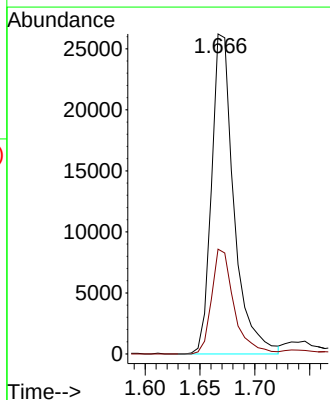
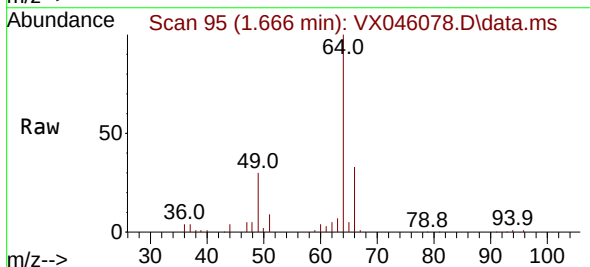
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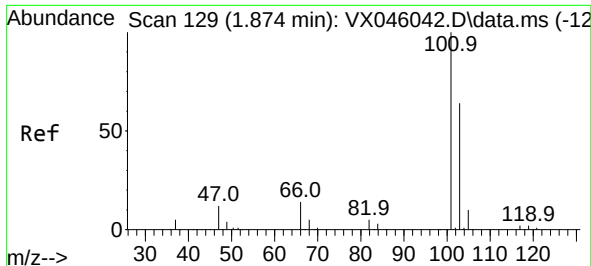
Reviewed By :John Carlone 05/09/2025
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#6
 Chloroethane
 Concen: 47.760 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX046078.D
 Acq: 08 May 2025 10:05

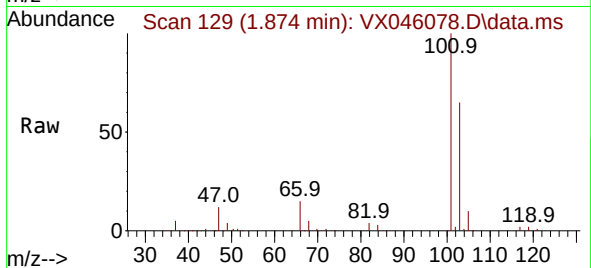
Tgt Ion: 64 Resp: 37272
 Ion Ratio Lower Upper
 64 100
 66 32.8 24.3 36.5





#7
Trichlorofluoromethane
Concen: 48.834 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

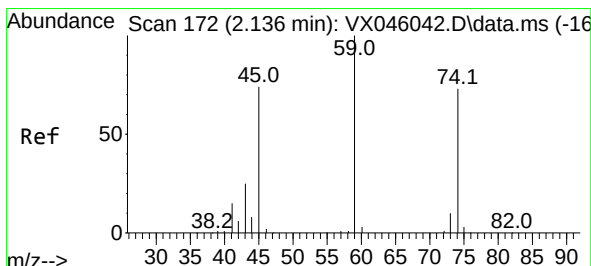
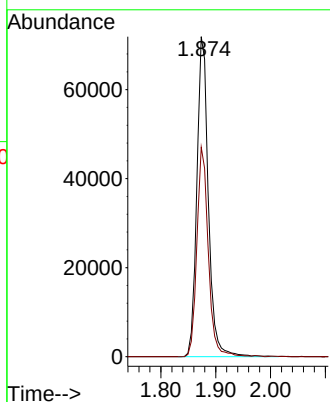
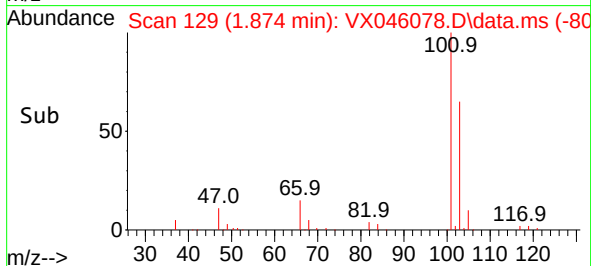
Instrument :
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Tgt Ion:101 Resp: 105500
Ion Ratio Lower Upper
101 100
103 65.5 51.0 76.4

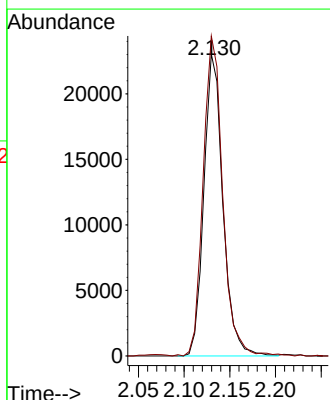
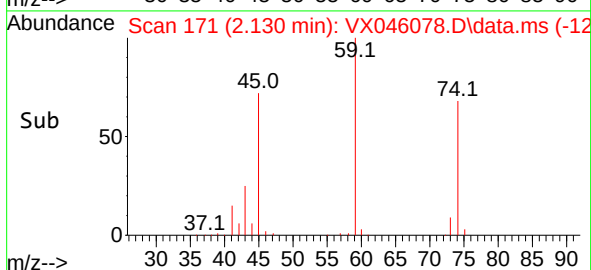
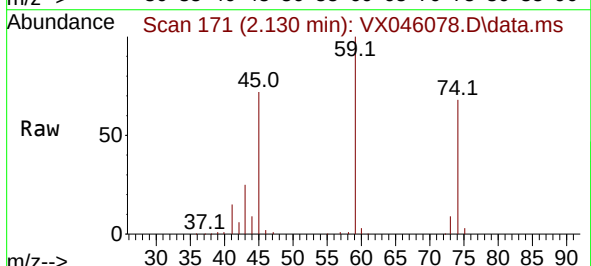
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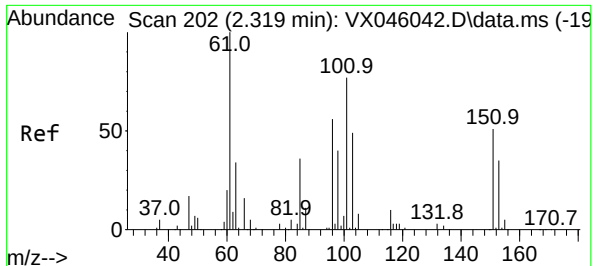
Reviewed By :John Carlone 05/09/2025
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#8
Diethyl Ether
Concen: 45.221 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 74 Resp: 33259
Ion Ratio Lower Upper
74 100
45 108.8 54.9 164.8





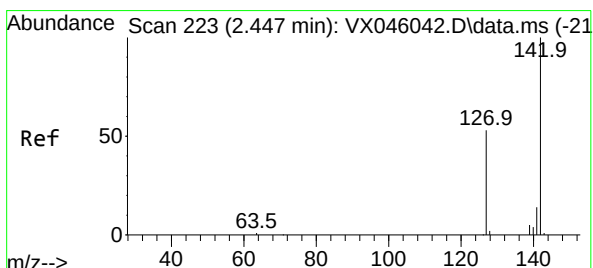
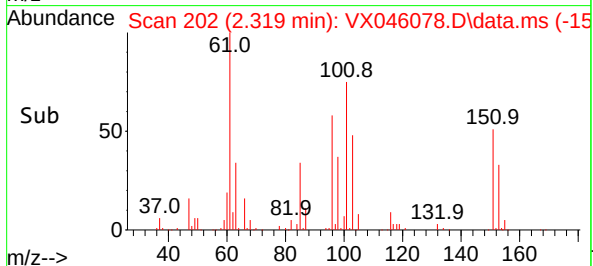
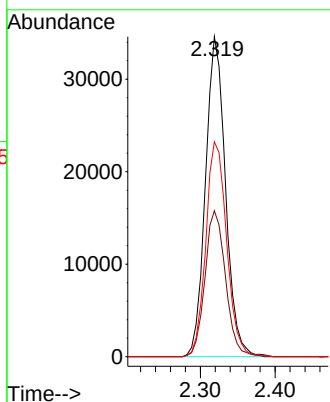
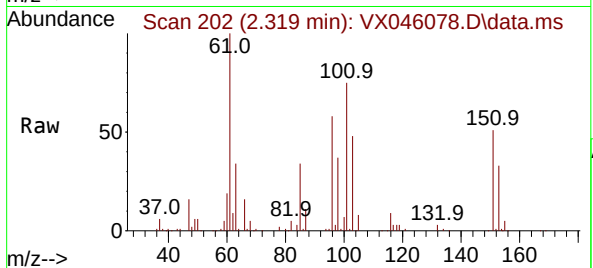
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.319 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 64604
Ion Ratio Lower Upper
101 100
85 46.8 38.6 58.0
151 70.0 55.2 82.8

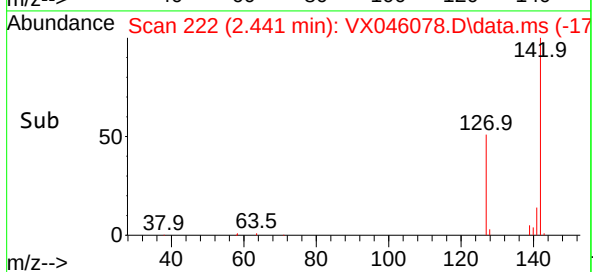
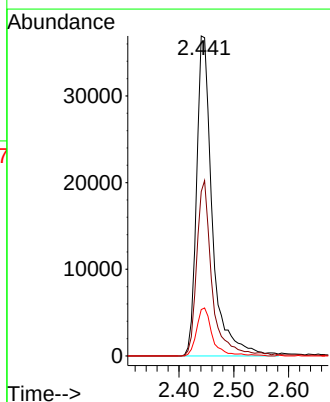
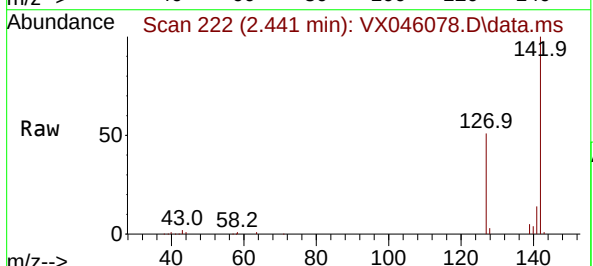
Manual Integrations
APPROVED

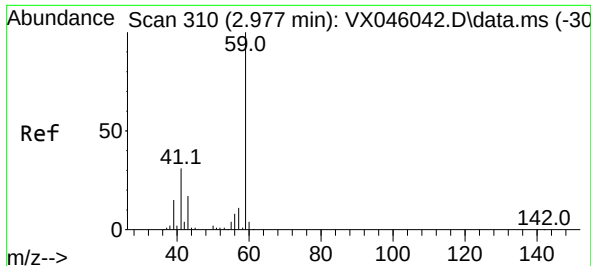
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#10
Methyl Iodide
Concen: 46.872 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion:142 Resp: 74153
Ion Ratio Lower Upper
142 100
127 53.4 41.7 62.5
141 15.1 11.5 17.3





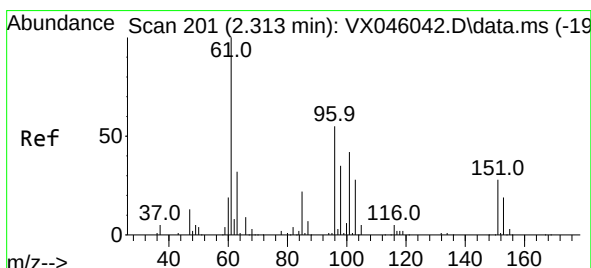
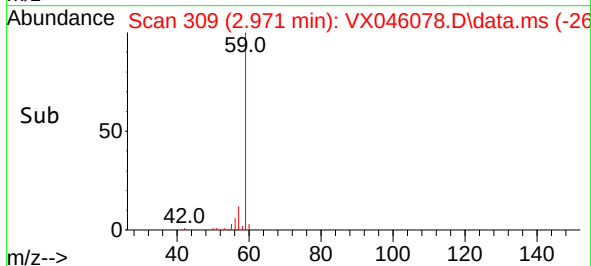
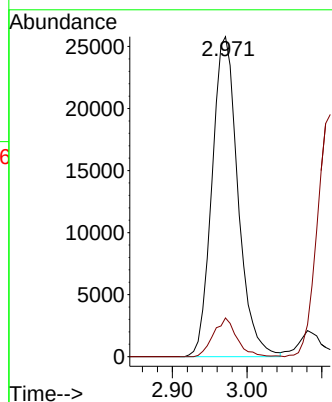
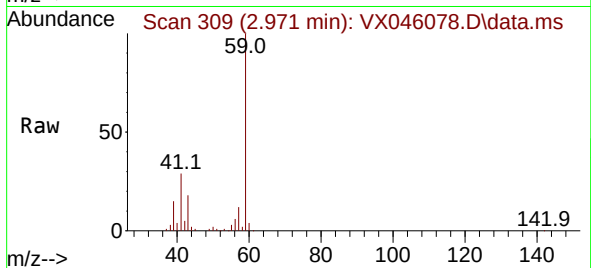
#11
Tert butyl alcohol
Concen: 224.852 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 62270
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8

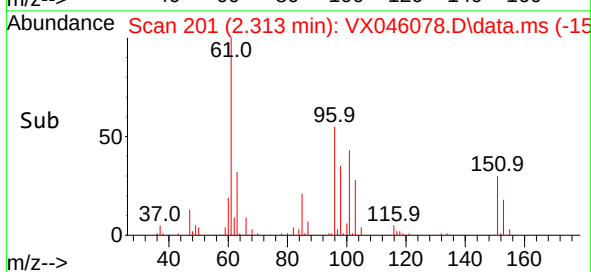
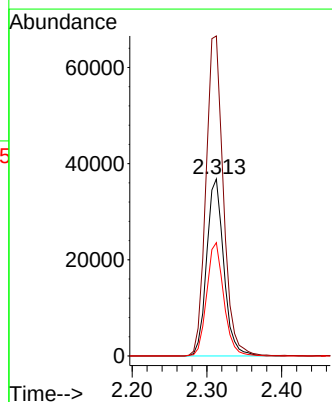
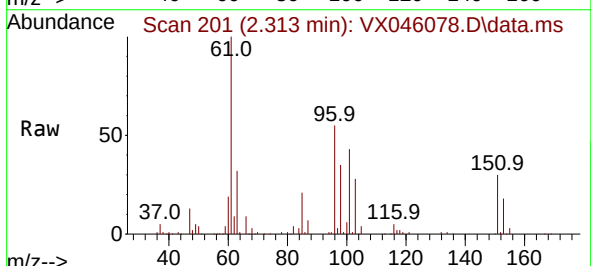
Manual Integrations
APPROVED

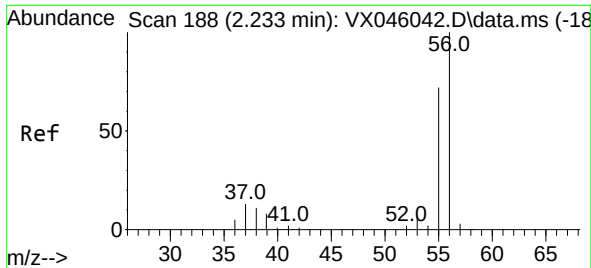
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#12
1,1-Dichloroethene
Concen: 46.709 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

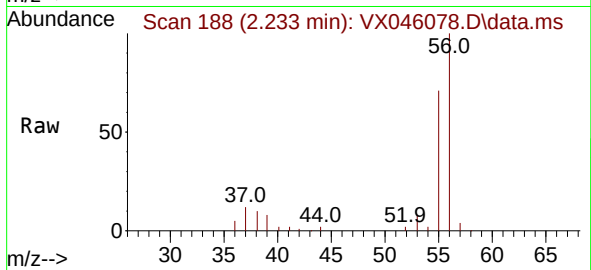
Tgt Ion: 96 Resp: 58611
Ion Ratio Lower Upper
96 100
61 180.8 146.2 219.2
98 64.1 51.0 76.6





#13
Acrolein
Concen: 171.322 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

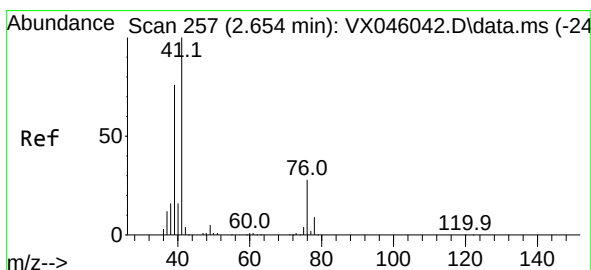
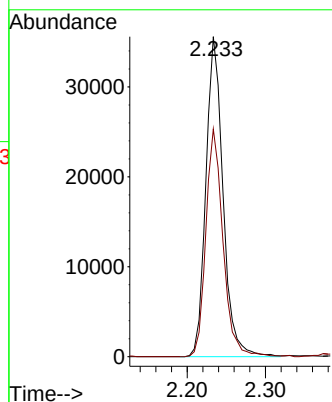
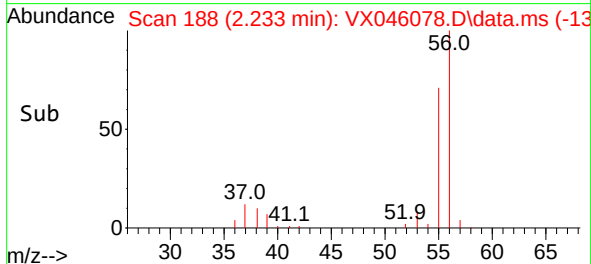
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5403
Ion Ratio Lower Upper
56 100
55 71.3 56.2 84.4

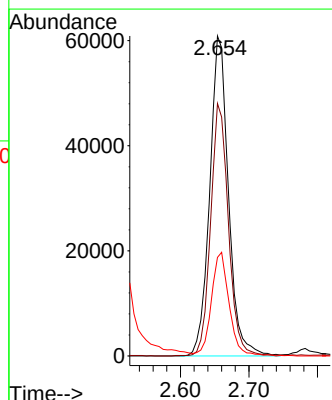
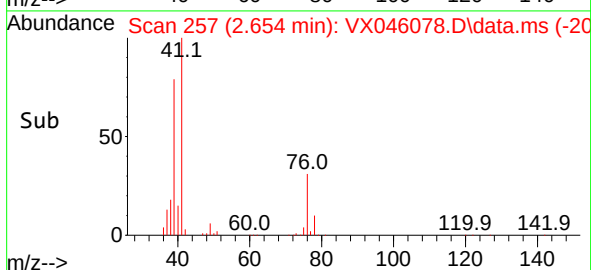
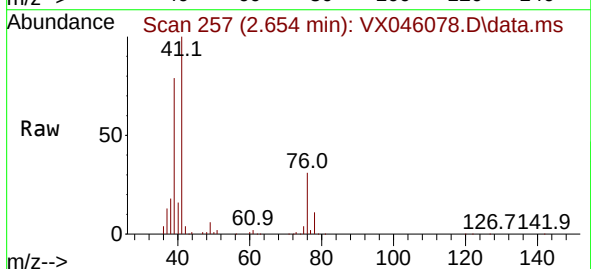
Manual Integrations
APPROVED

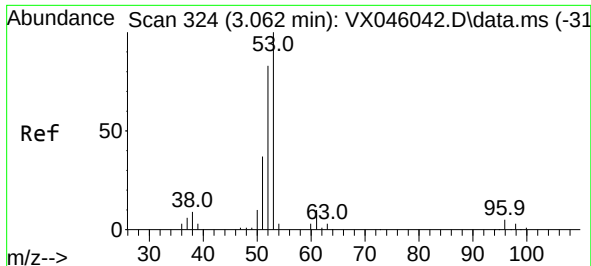
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#14
Allyl chloride
Concen: 48.320 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

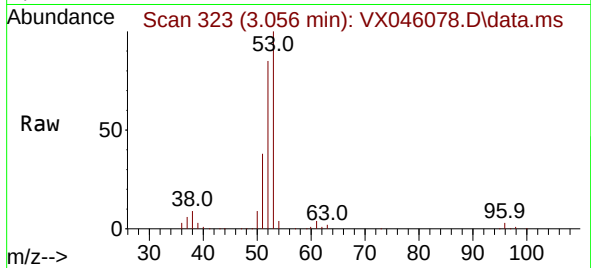
Tgt Ion: 41 Resp: 115880
Ion Ratio Lower Upper
41 100
39 74.8 60.6 90.8
76 30.5 24.9 37.3





#15
Acrylonitrile
Concen: 229.976 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

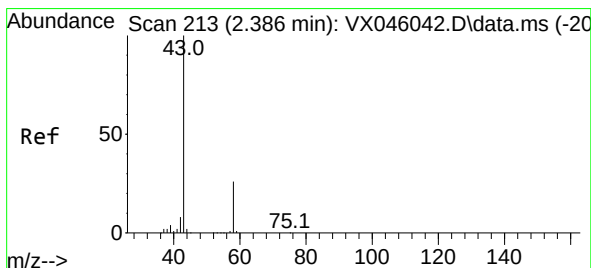
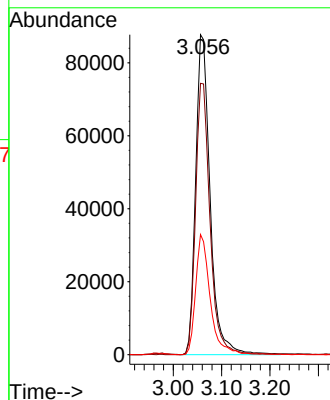
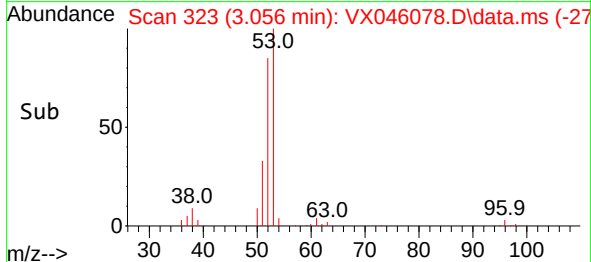
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 18211
Ion Ratio Lower Upper
53 100
52 84.8 65.3 97.9
51 37.7 29.8 44.8

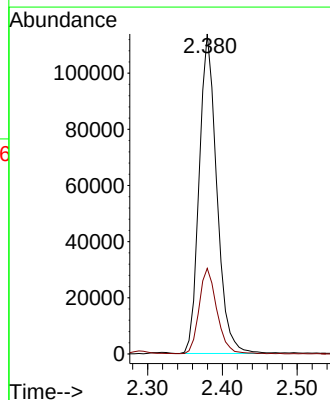
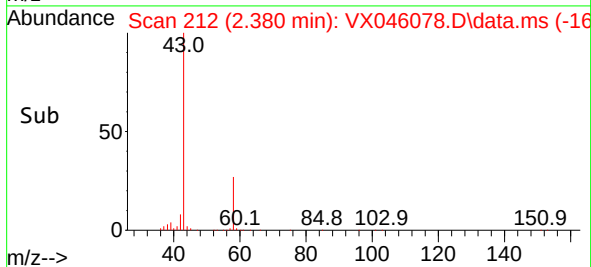
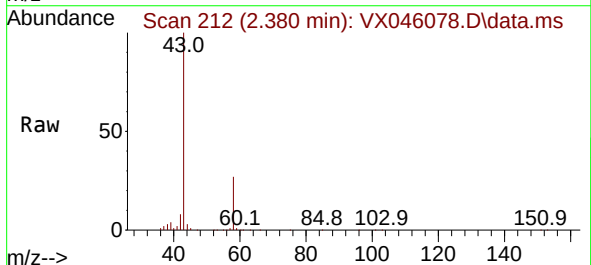
Manual Integrations
APPROVED

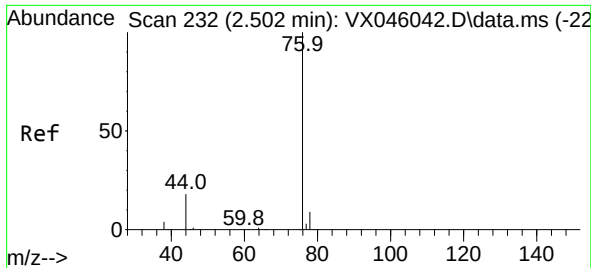
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#16
Acetone
Concen: 235.163 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 43 Resp: 186025
Ion Ratio Lower Upper
43 100
58 26.7 21.2 31.8





#17

Carbon Disulfide

Concen: 46.655 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 138794

Ion Ratio Lower Upper

76 100

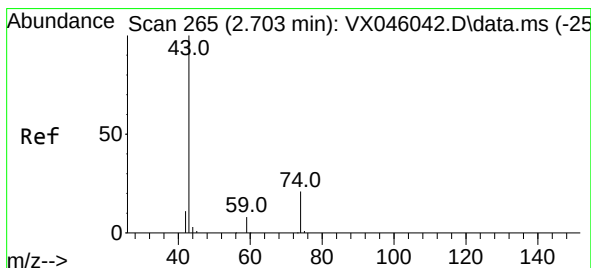
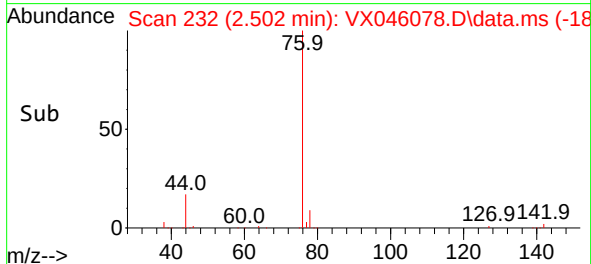
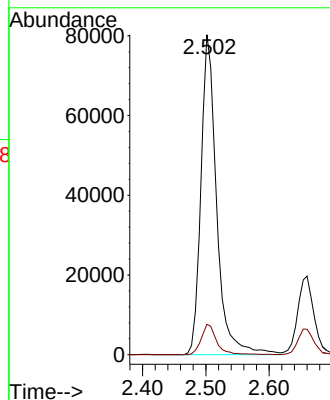
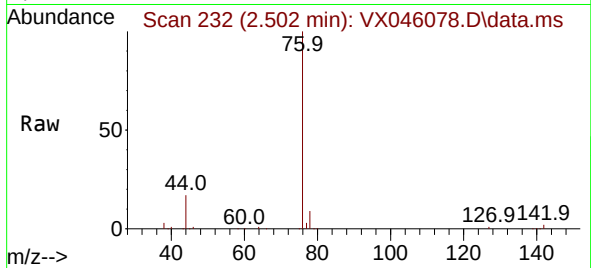
78 9.5 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#18

Methyl Acetate

Concen: 46.193 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX046078.D

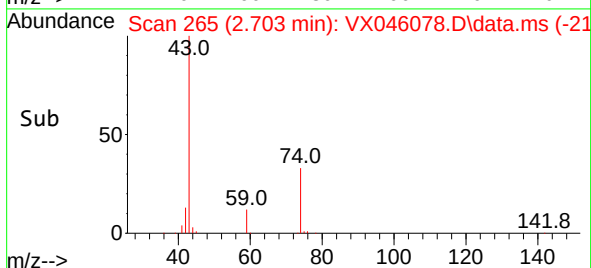
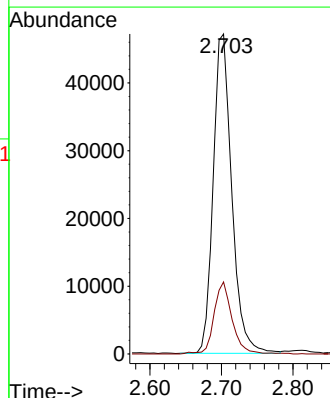
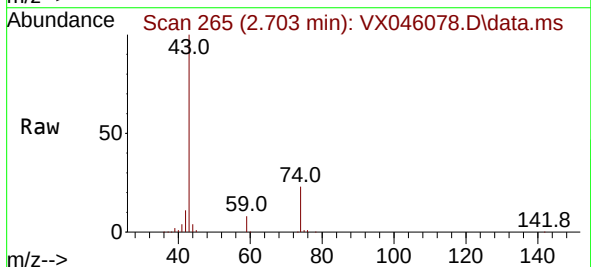
Acq: 08 May 2025 10:05

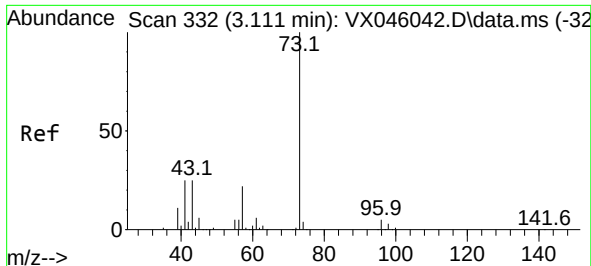
Tgt Ion: 43 Resp: 84794

Ion Ratio Lower Upper

43 100

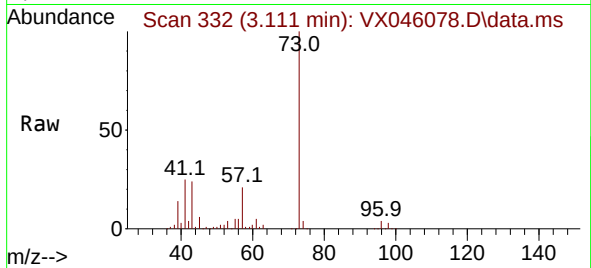
74 21.9 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 47.478 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

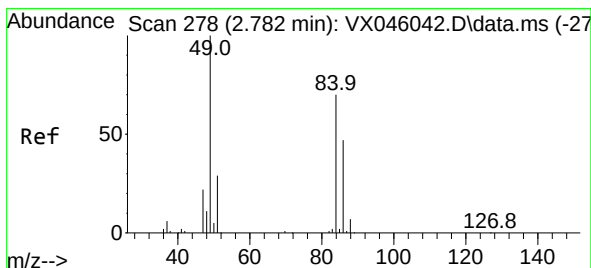
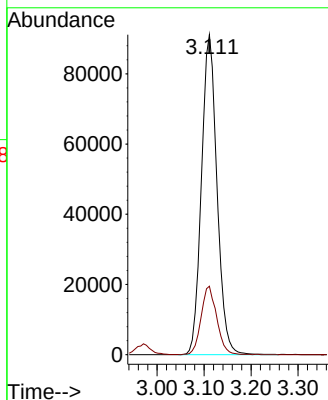
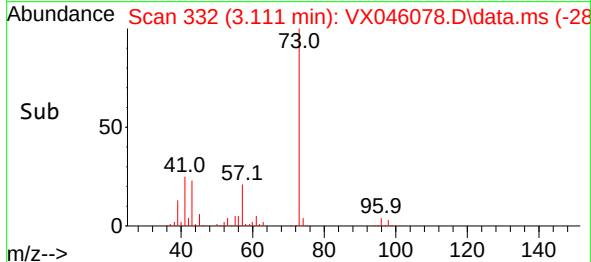
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 208870
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5

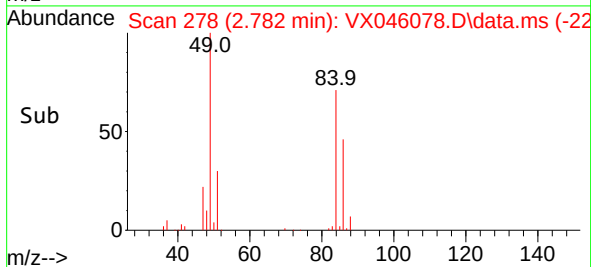
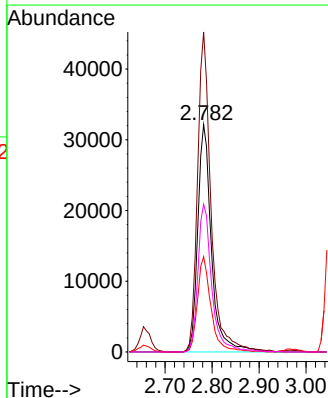
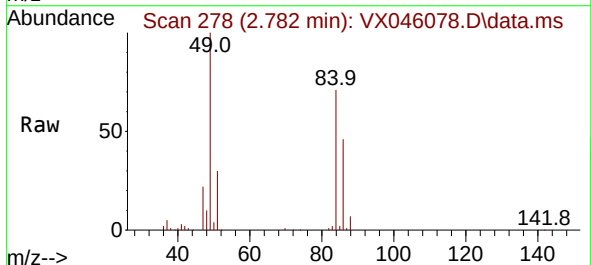
Manual Integrations
APPROVED

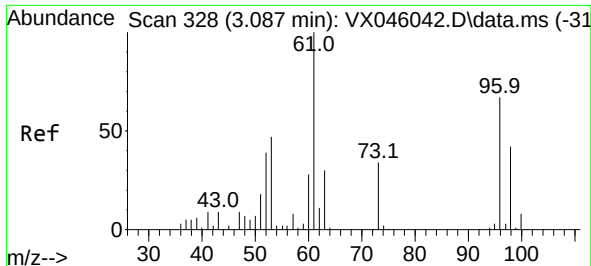
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#20
Methylene Chloride
Concen: 43.091 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 84 Resp: 65321
Ion Ratio Lower Upper
84 100
49 140.7 113.9 170.9
51 41.9 33.5 50.3
86 64.9 53.8 80.8





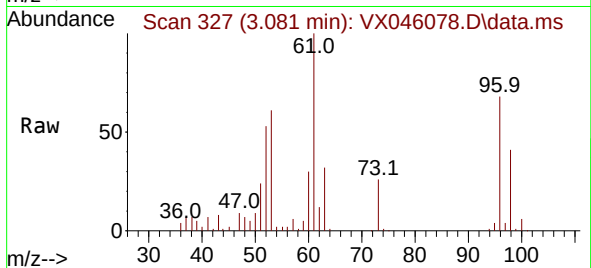
#21
trans-1,2-Dichloroethene
Concen: 46.948 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



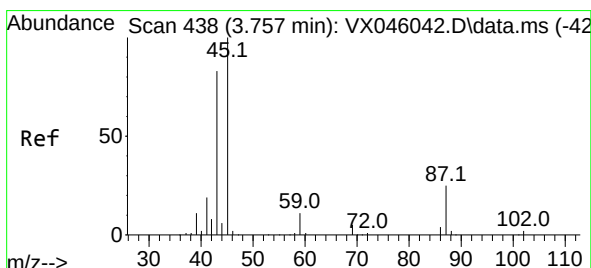
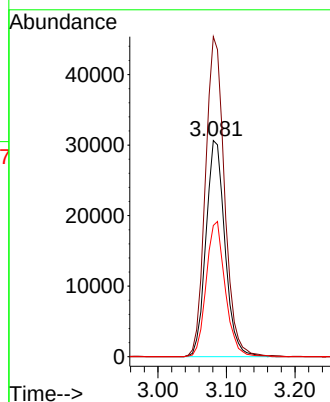
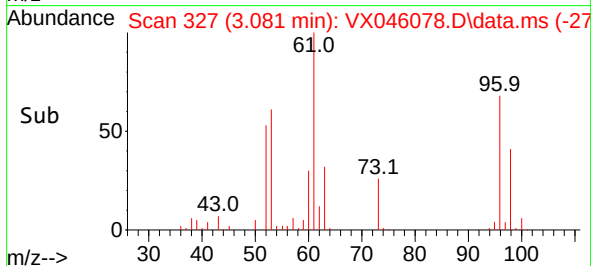
Tgt Ion: 96 Resp: 59244
Ion Ratio Lower Upper
96 100
61 148.0 119.5 179.3
98 60.7 50.0 75.0

Manual Integrations

APPROVED

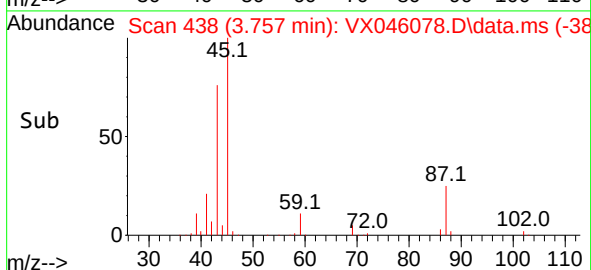
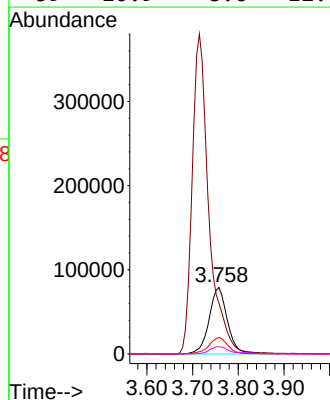
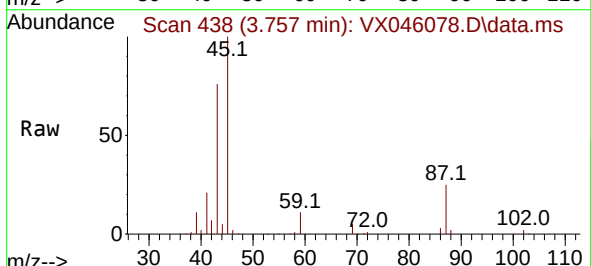
Reviewed By :John Carlone 05/09/2025

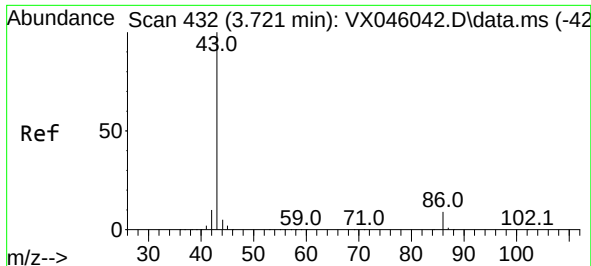
Supervised By :Mahesh Dadoda 05/09/2025



#22
Diisopropyl ether
Concen: 47.416 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

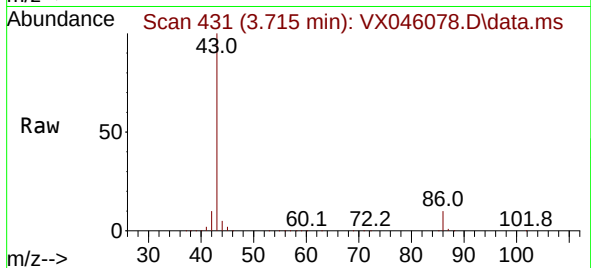
Tgt Ion: 45 Resp: 219654
Ion Ratio Lower Upper
45 100
43 75.5 66.6 100.0
87 24.8 19.8 29.6
59 10.9 8.6 12.8





#23
 Vinyl Acetate
 Concen: 237.541 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VX046078.D
 Acq: 08 May 2025 10:05

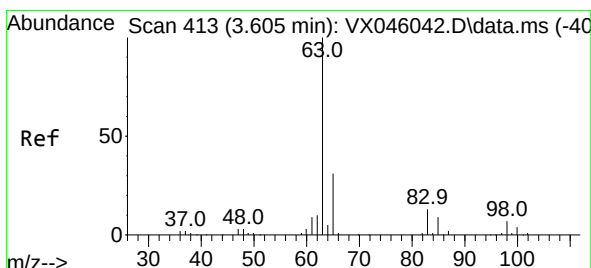
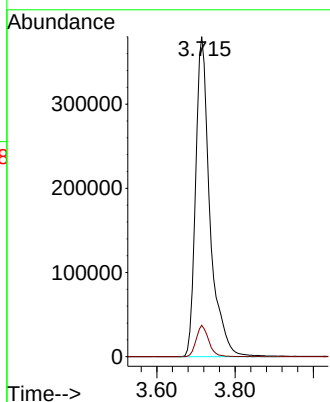
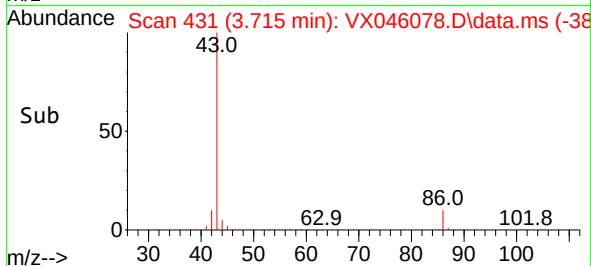
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



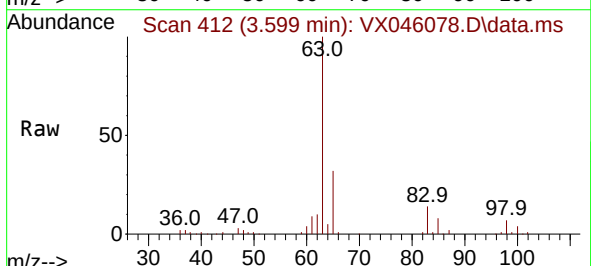
Tgt Ion: 43 Resp: 967835
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.5 11.3

Manual Integrations
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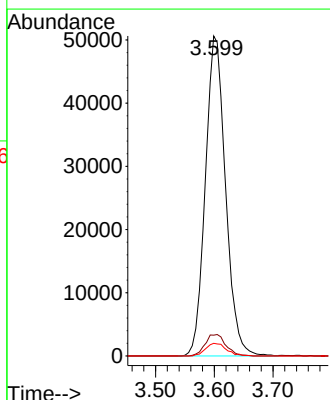
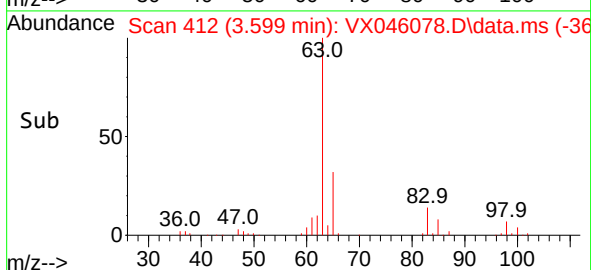
Reviewed By :John Carlone 05/09/2025
 Supervised By :Mahesh Dadoda 05/09/2025

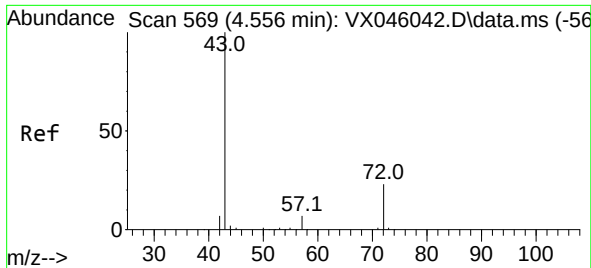


#24
 1,1-Dichloroethane
 Concen: 46.860 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX046078.D
 Acq: 08 May 2025 10:05



Tgt Ion: 63 Resp: 120908
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.6 10.8
 100 3.9 2.1 6.3





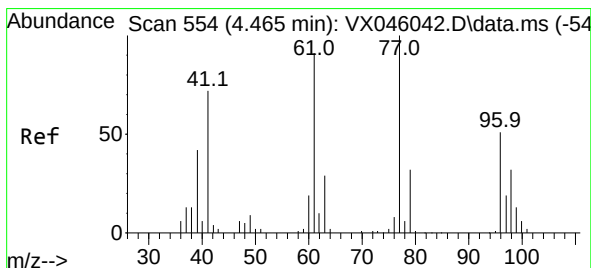
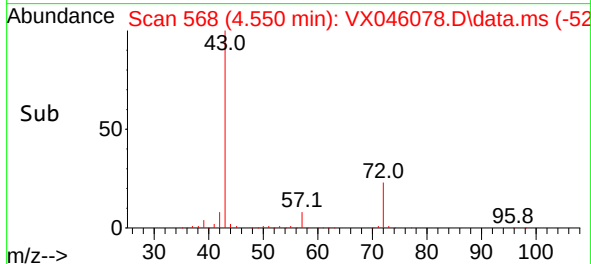
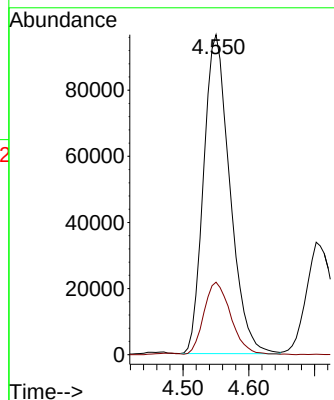
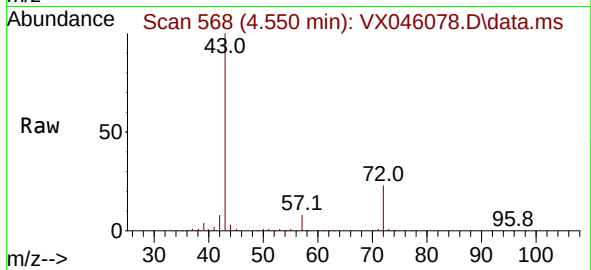
#25
2-Butanone
Concen: 233.066 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 267660
Ion Ratio Lower Upper
43 100
72 22.6 18.4 27.6

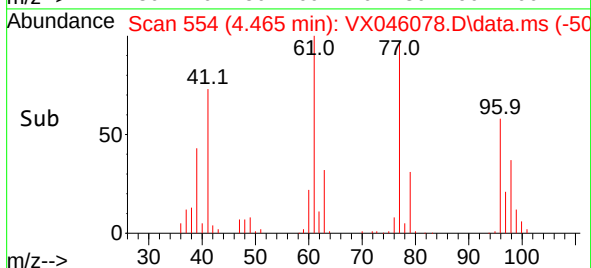
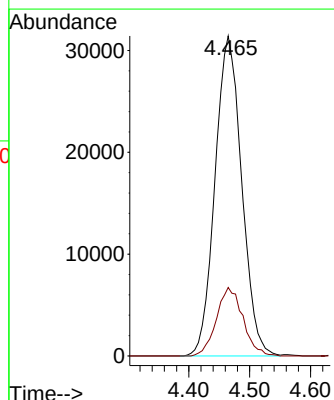
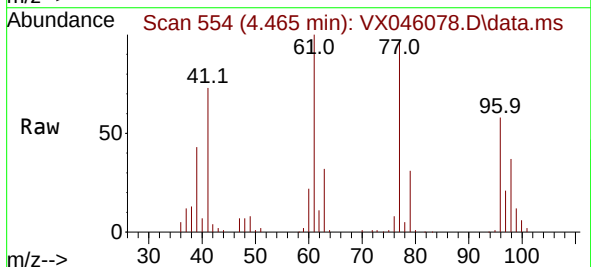
Manual Integrations
APPROVED

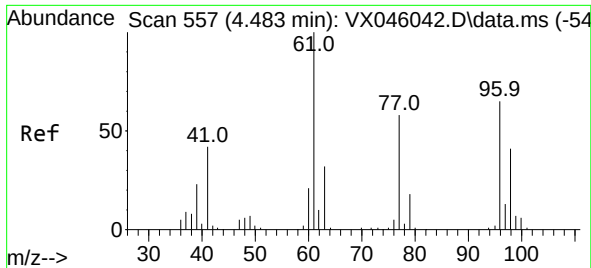
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#26
2,2-Dichloropropane
Concen: 47.319 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 77 Resp: 95561
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 46.243 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 70250

Ion Ratio Lower Upper

96 100

61 163.7 0.0 322.8

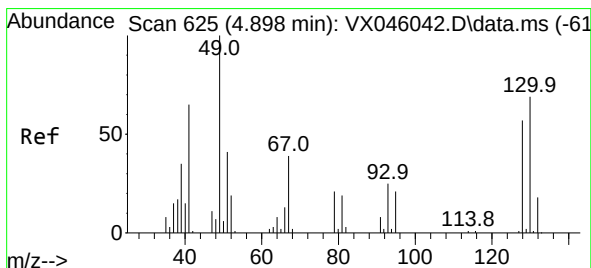
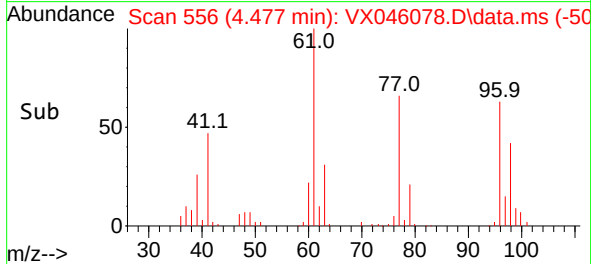
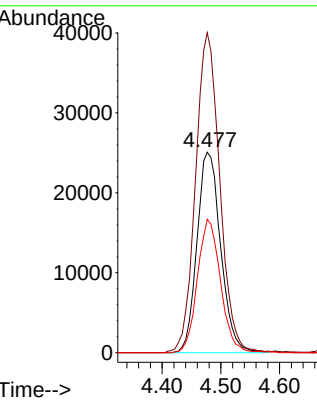
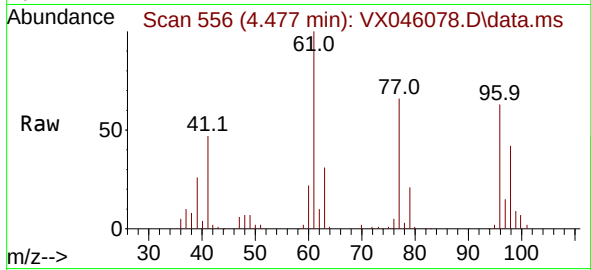
98 65.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#28

Bromochloromethane

Concen: 49.644 ug/l

RT: 4.891 min Scan# 624

Delta R.T. -0.006 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

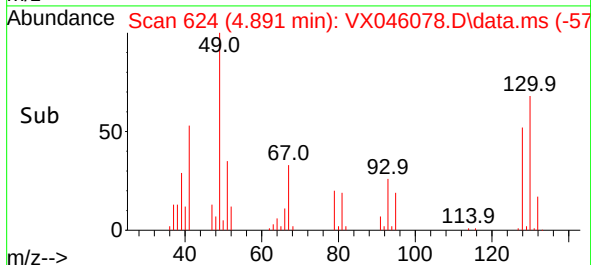
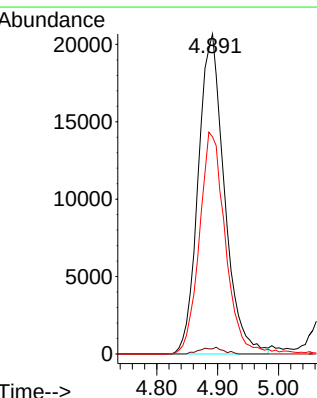
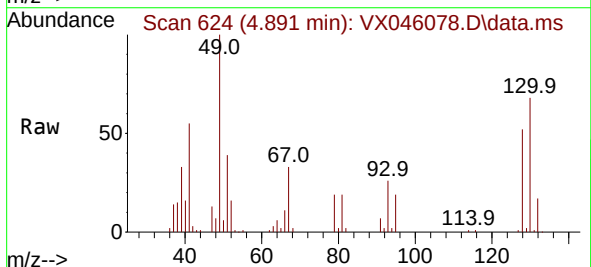
Tgt Ion: 49 Resp: 61656

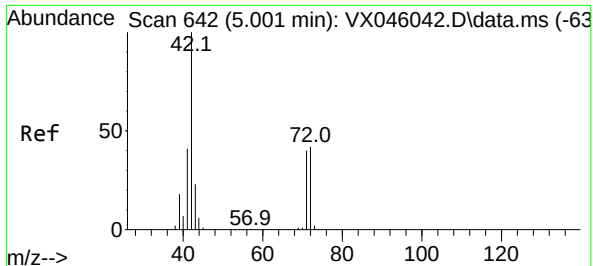
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 69.1 56.2 84.2





#29

Tetrahydrofuran

Concen: 229.940 ug/l

RT: 4.995 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 16547

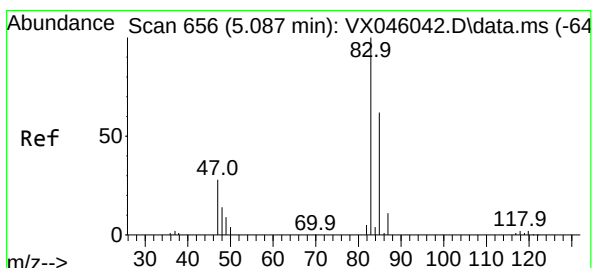
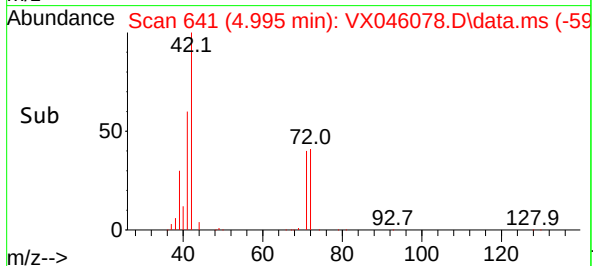
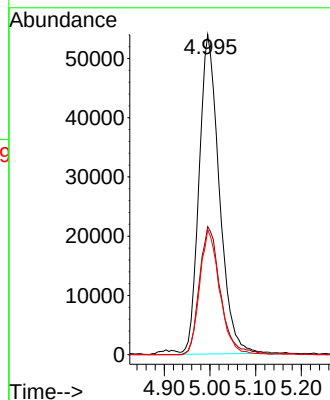
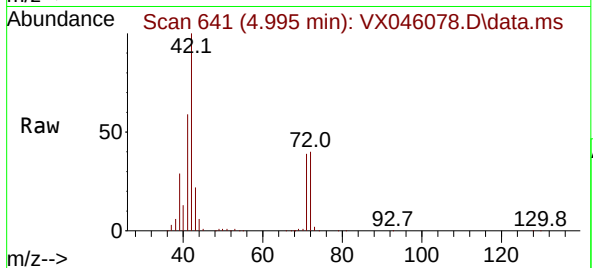
Ion	Ratio	Lower	Upper
42	100		
72	41.6	33.7	50.5
71	38.8	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#30

Chloroform

Concen: 47.310 ug/l

RT: 5.080 min Scan# 655

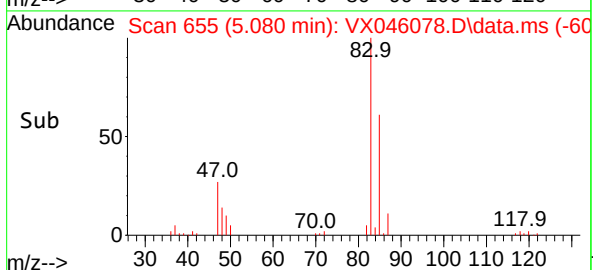
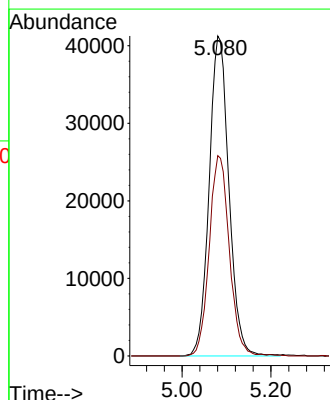
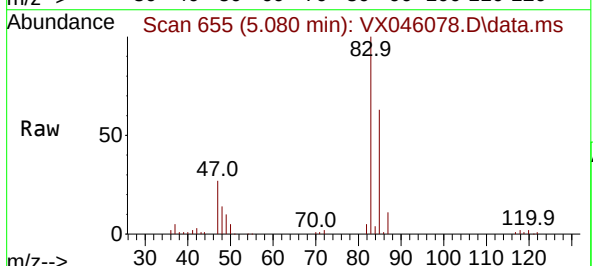
Delta R.T. -0.006 min

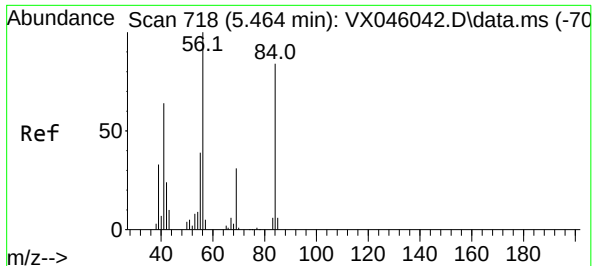
Lab File: VX046078.D

Acq: 08 May 2025 10:05

Tgt Ion: 83 Resp: 127233

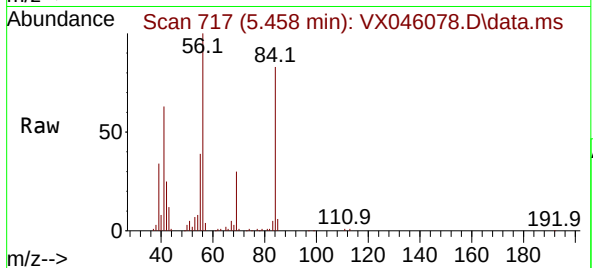
Ion	Ratio	Lower	Upper
83	100		
85	62.6	49.3	73.9





#31
Cyclohexane
Concen: 46.596 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

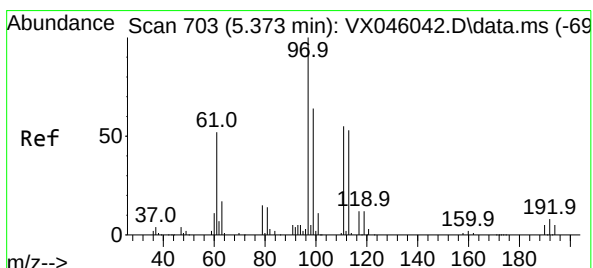
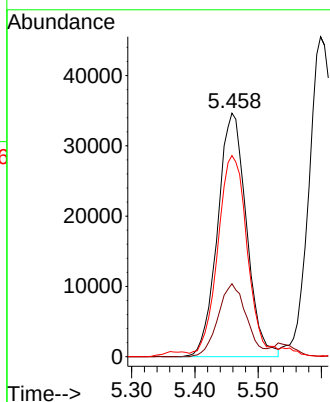
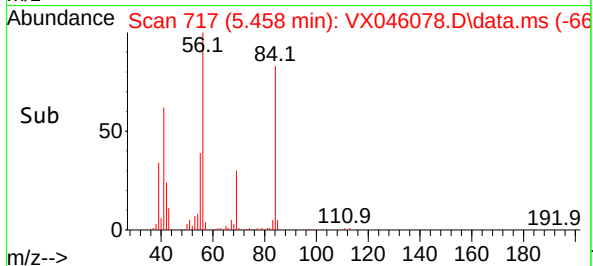
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



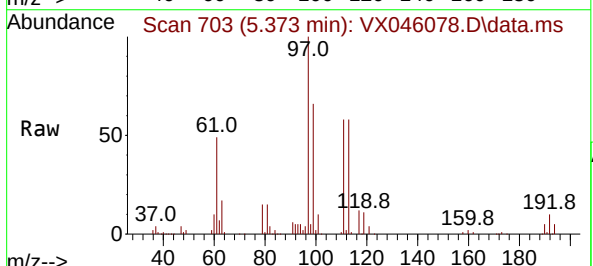
Tgt Ion: 56 Resp: 109550
Ion Ratio Lower Upper
56 100
69 29.9 24.4 36.6
84 80.8 66.9 100.3

Manual Integrations
APPROVED

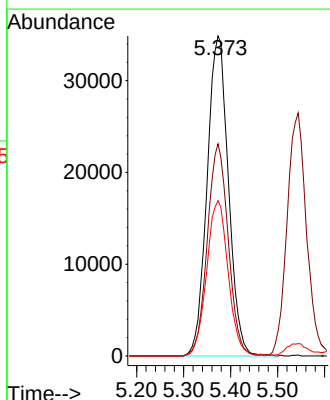
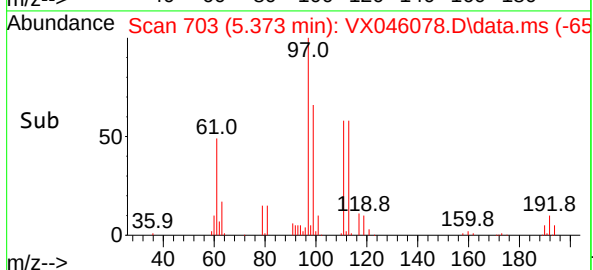
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

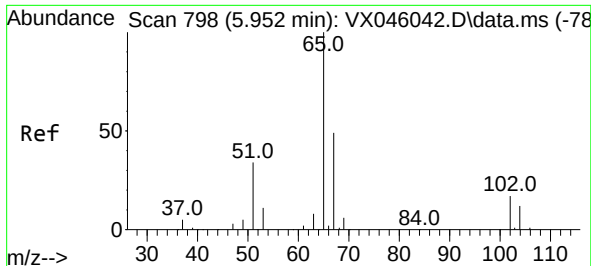


#32
1,1,1-Trichloroethane
Concen: 47.092 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05



Tgt Ion: 97 Resp: 109783
Ion Ratio Lower Upper
97 100
99 64.8 51.8 77.6
61 49.2 40.1 60.1





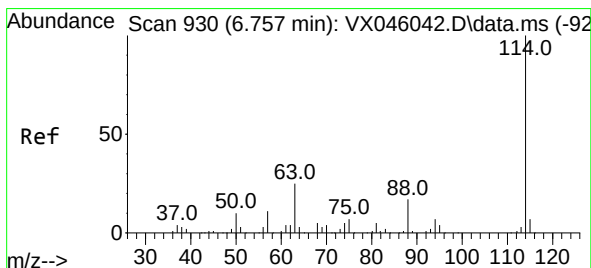
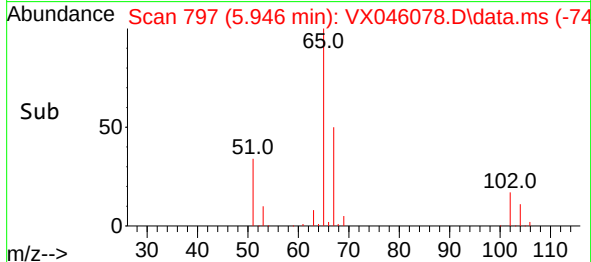
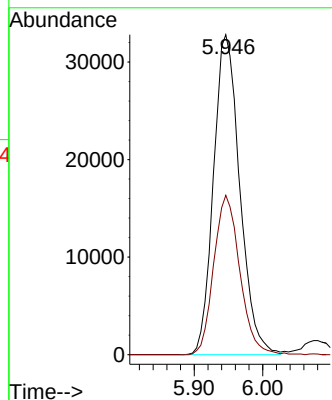
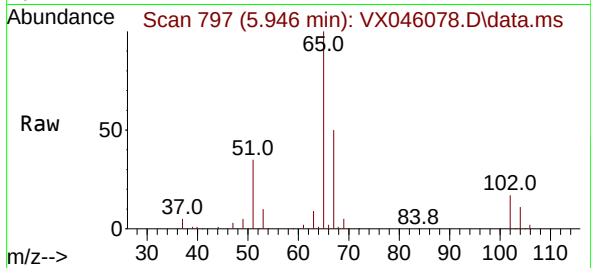
#33
1,2-Dichloroethane-d4
Concen: 44.264 ug/l
RT: 5.946 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 87330
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

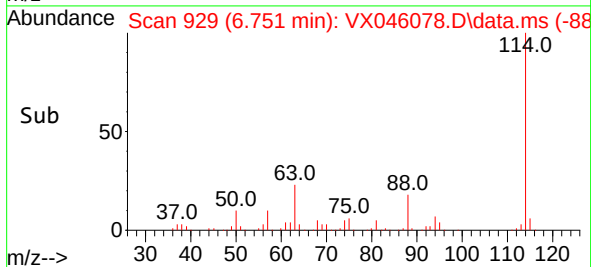
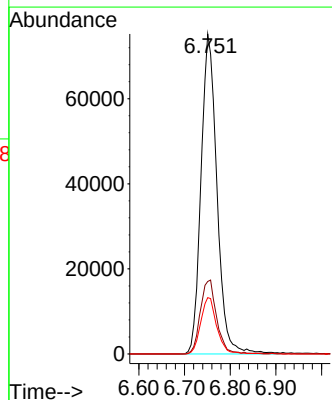
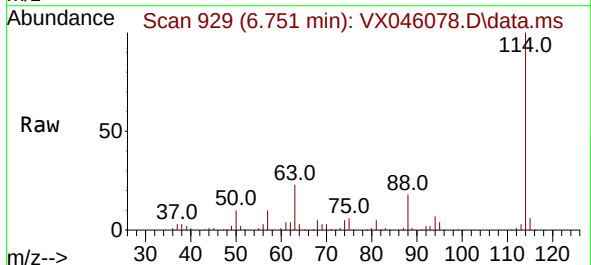
Manual Integrations
APPROVED

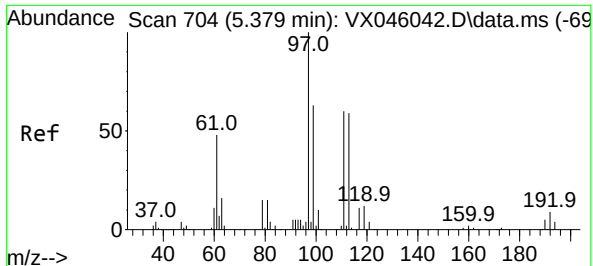
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 929
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

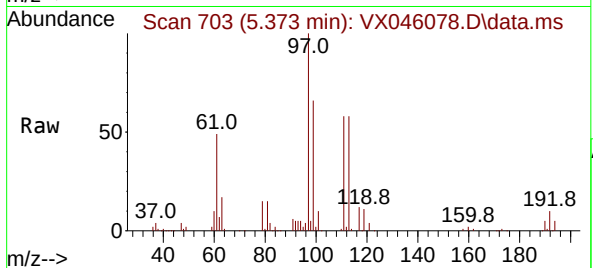
Tgt Ion:114 Resp: 181991
Ion Ratio Lower Upper
114 100
63 22.6 0.0 49.2
88 17.6 0.0 33.6





#35
Dibromofluoromethane
Concen: 46.141 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

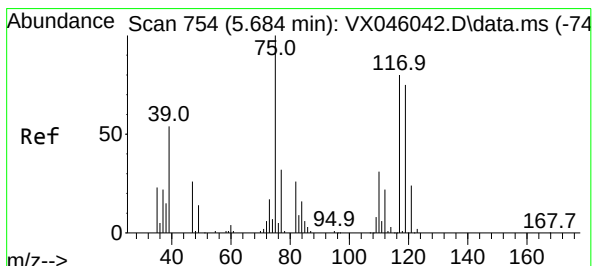
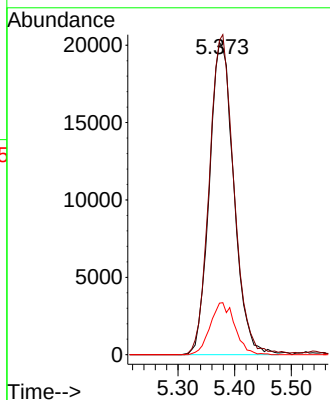
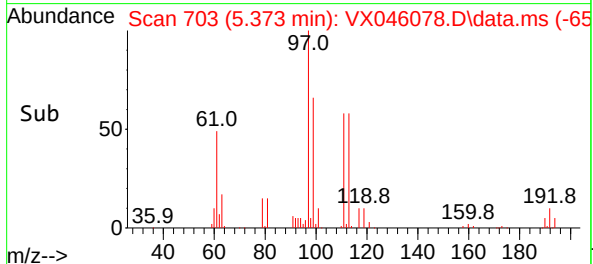
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 60469
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.8 13.3 19.9

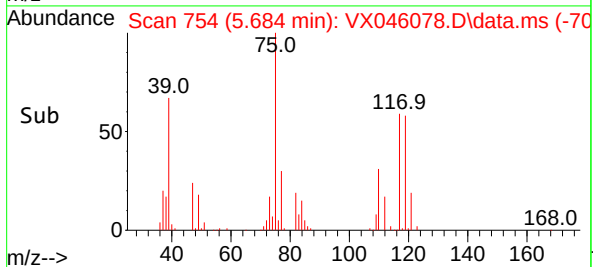
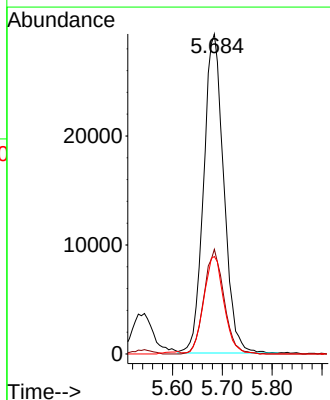
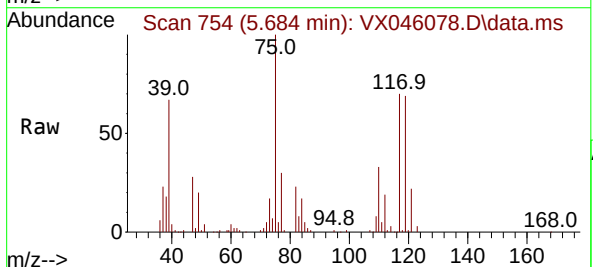
Manual Integrations
APPROVED

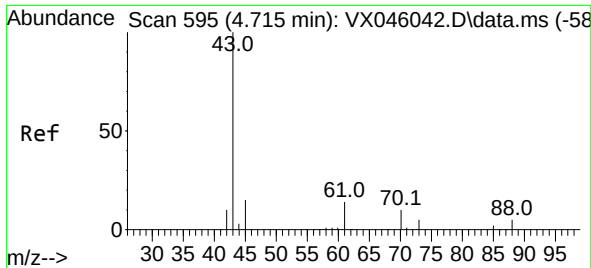
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#36
1,1-Dichloropropene
Concen: 46.453 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 75 Resp: 81796
Ion Ratio Lower Upper
75 100
110 32.6 16.3 48.9
77 30.9 24.3 36.5





#37

Ethyl Acetate

Concen: 45.837 ug/l

RT: 4.702 min Scan# 595

Delta R.T. -0.012 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

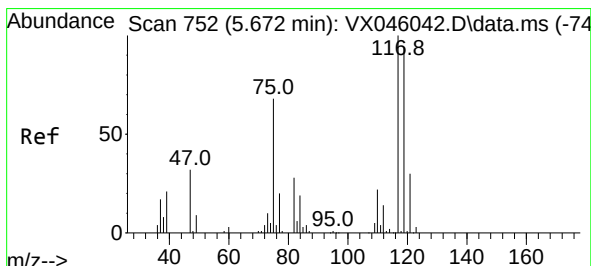
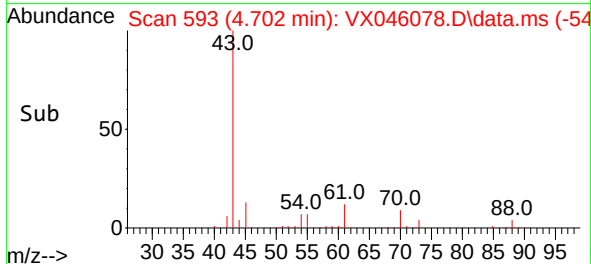
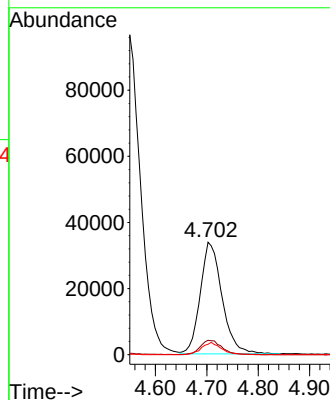
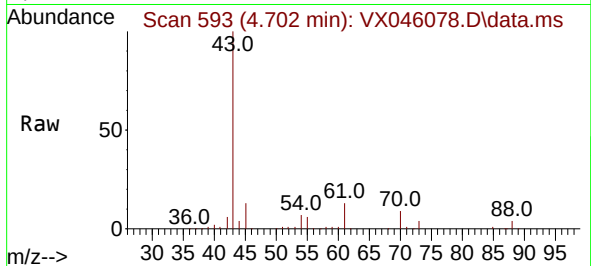
Tgt Ion:	43	Resp:	99719
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.3	15.5
70	9.9	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#38

Carbon Tetrachloride

Concen: 47.778 ug/l

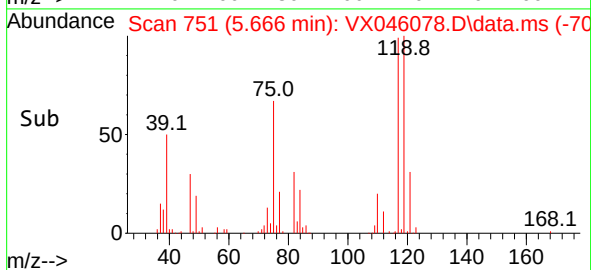
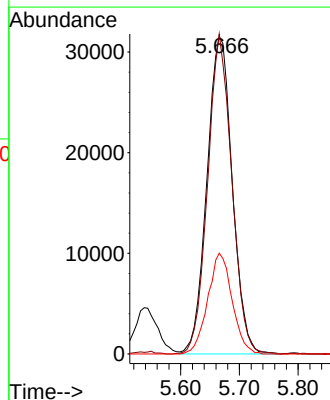
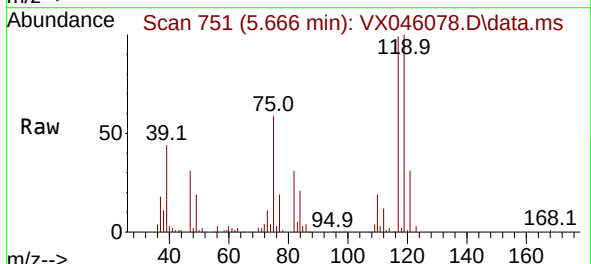
RT: 5.666 min Scan# 751

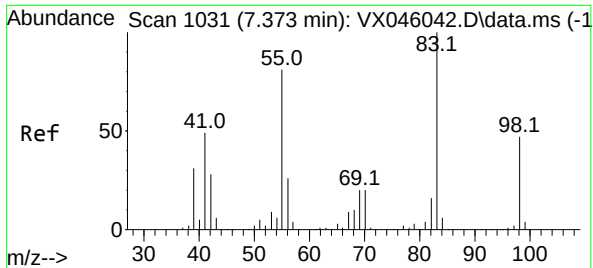
Delta R.T. -0.006 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Tgt Ion:	117	Resp:	94525
Ion	Ratio	Lower	Upper
117	100		
119	100.7	75.2	112.8
121	31.7	24.2	36.4





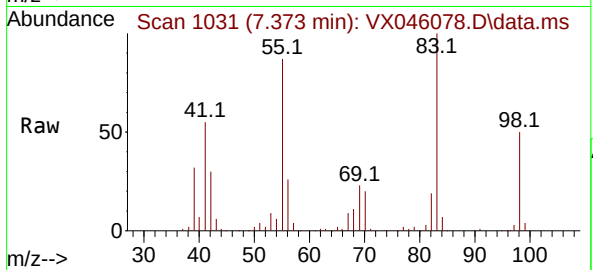
#39
Methylcyclohexane
Concen: 46.514 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



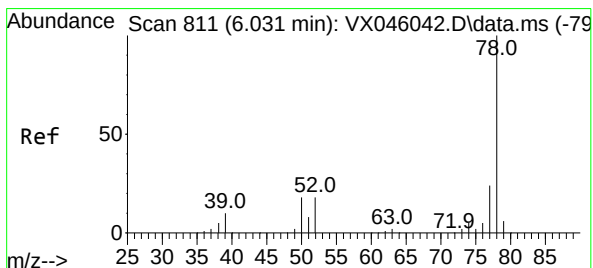
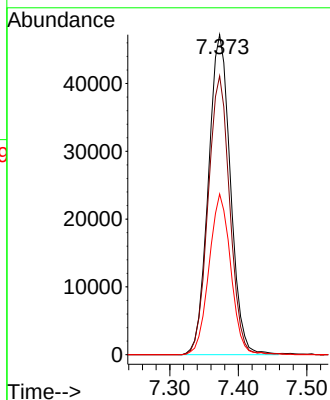
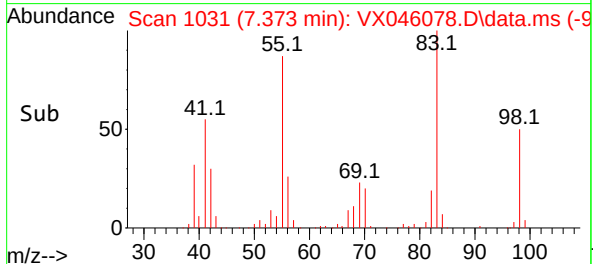
Tgt Ion: 83 Resp: 10544
Ion Ratio Lower Upper
83 100
55 87.1 64.7 97.1
98 50.2 37.4 56.2

Manual Integrations

APPROVED

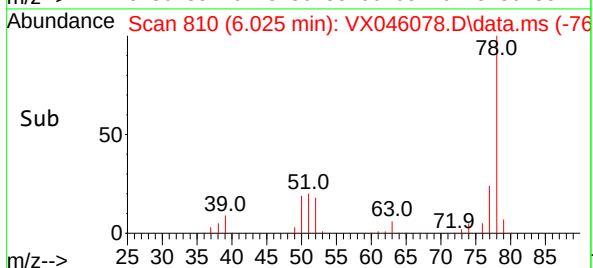
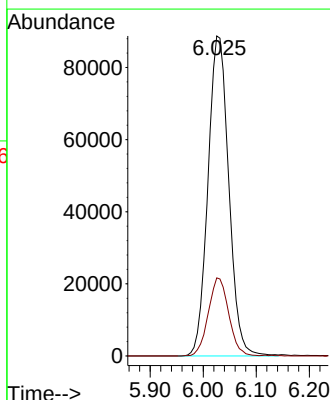
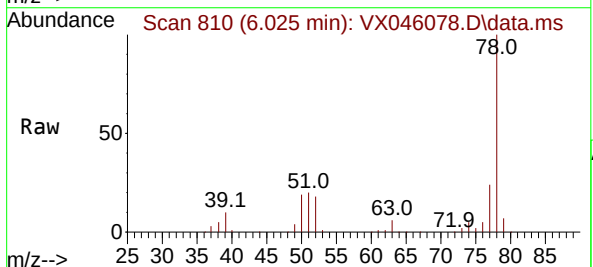
Reviewed By :John Carlone 05/09/2025

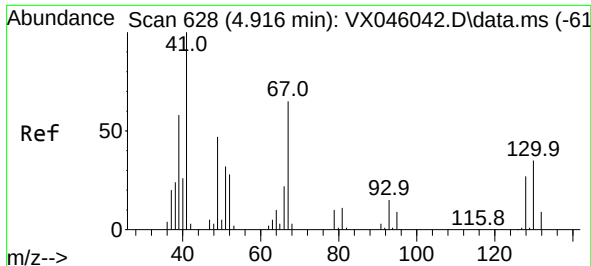
Supervised By :Mahesh Dadoda 05/09/2025



#40
Benzene
Concen: 46.914 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

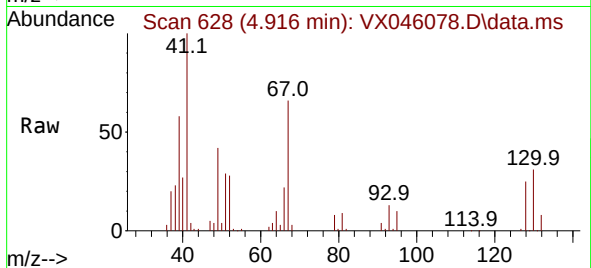
Tgt Ion: 78 Resp: 241966
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4





#41
Methacrylonitrile
Concen: 50.572 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

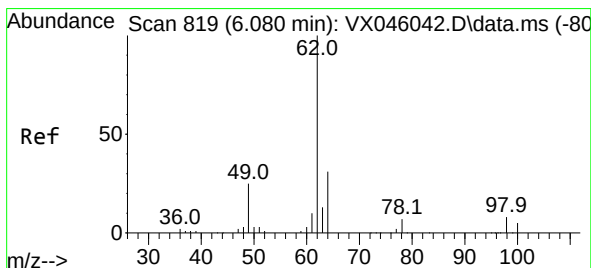
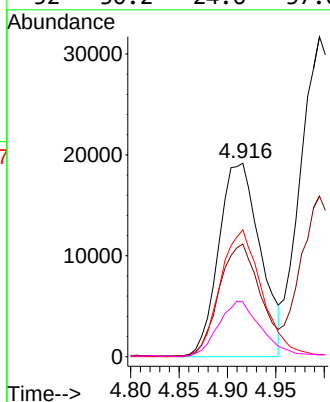
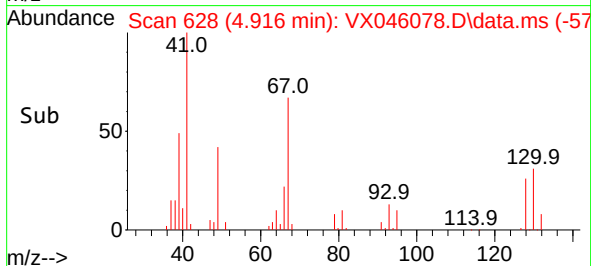
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	41	Resp:	5755
Ion	Ratio	Lower	Upper
41	100		
39	57.9	47.2	70.8
67	66.4	50.7	76.1
52	30.2	24.6	37.0

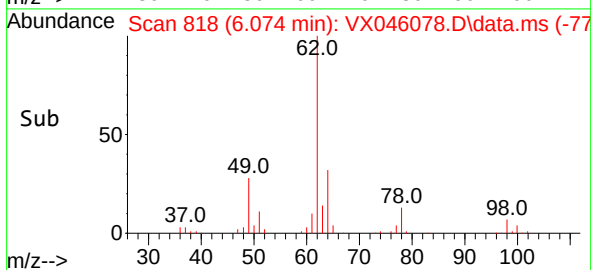
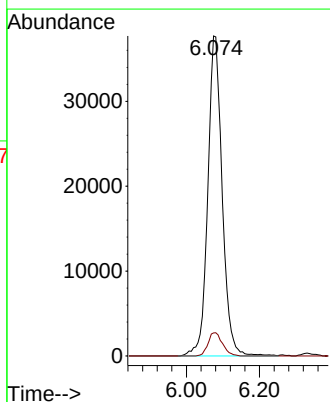
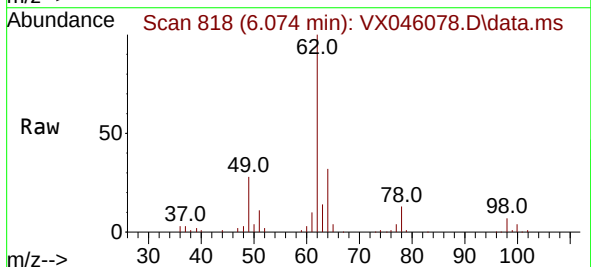
Manual Integrations
APPROVED

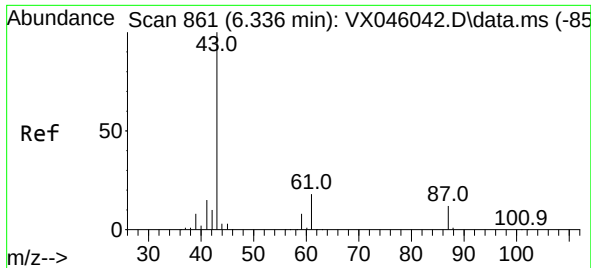
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#42
1,2-Dichloroethane
Concen: 46.172 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

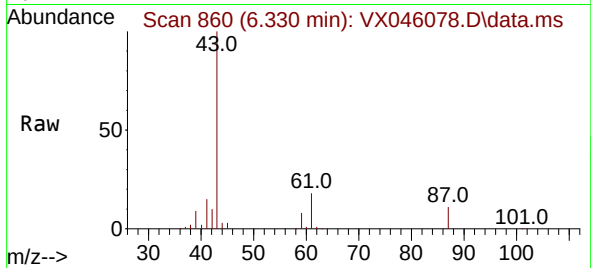
Tgt Ion:	62	Resp:	102778
Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.2





#43
Isopropyl Acetate
Concen: 47.860 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

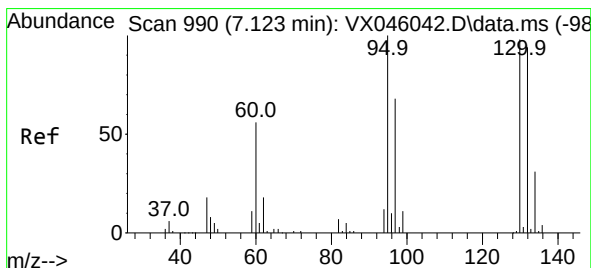
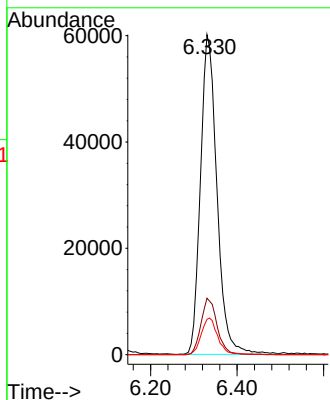
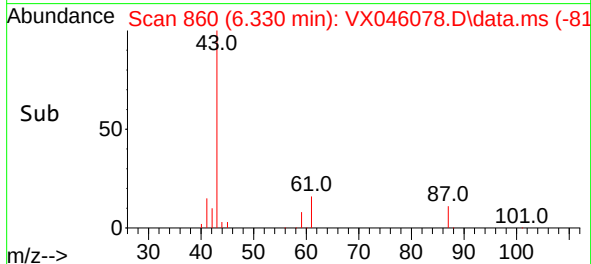
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 15884
Ion Ratio Lower Upper
43 100
61 17.2 14.3 21.5
87 11.4 9.5 14.3

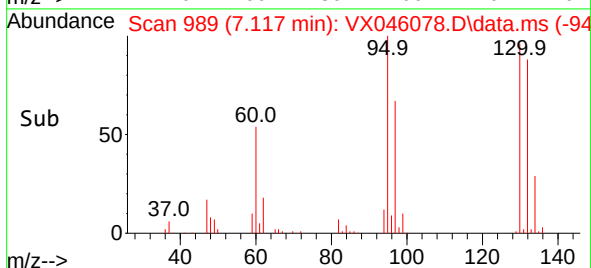
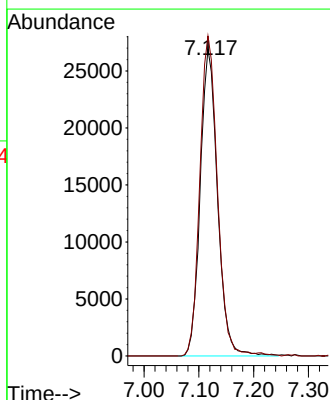
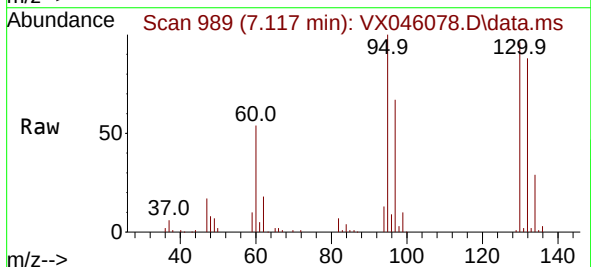
Manual Integrations
APPROVED

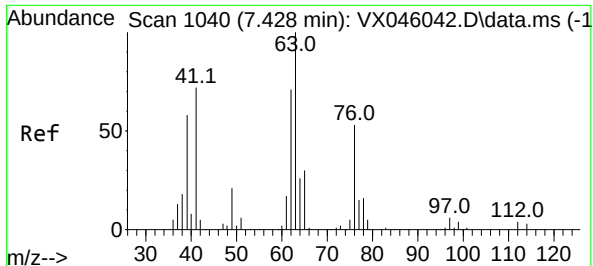
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#44
Trichloroethene
Concen: 47.599 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

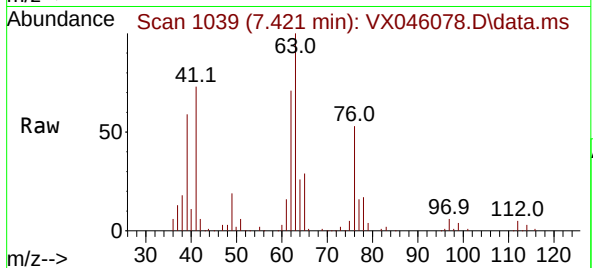
Tgt Ion:130 Resp: 59087
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.2





#45
1,2-Dichloropropane
Concen: 47.662 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

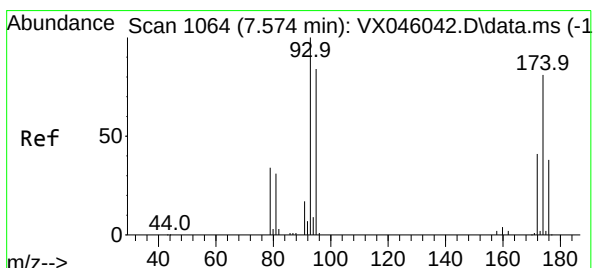
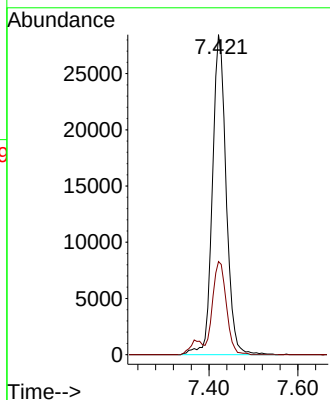
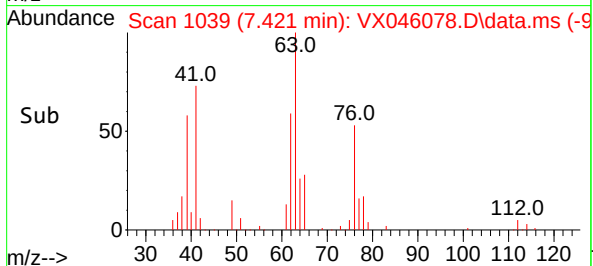
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



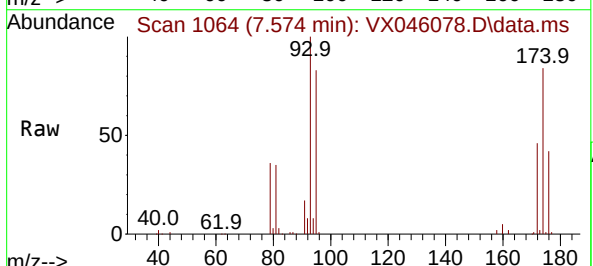
Tgt Ion: 63 Resp: 61120
Ion Ratio Lower Upper
63 100
65 29.1 24.1 36.1

Manual Integrations
APPROVED

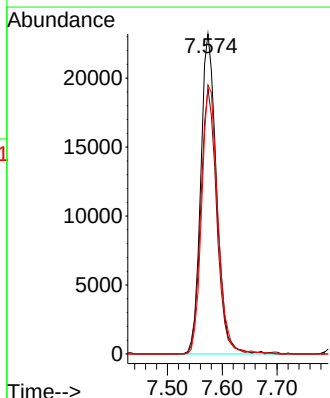
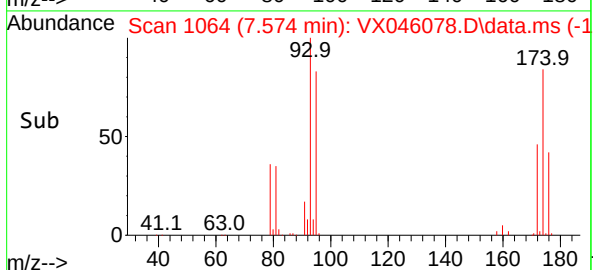
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

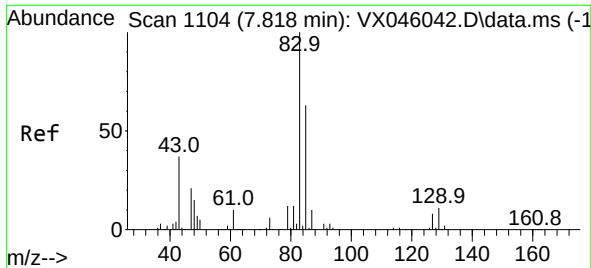


#46
Dibromomethane
Concen: 46.001 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05



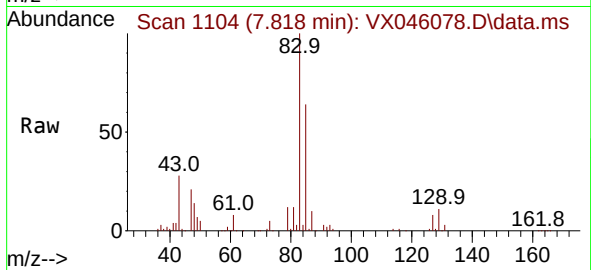
Tgt Ion: 93 Resp: 46530
Ion Ratio Lower Upper
93 100
95 83.1 65.6 98.4
174 85.7 68.2 102.2





#47
Bromodichloromethane
Concen: 48.392 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

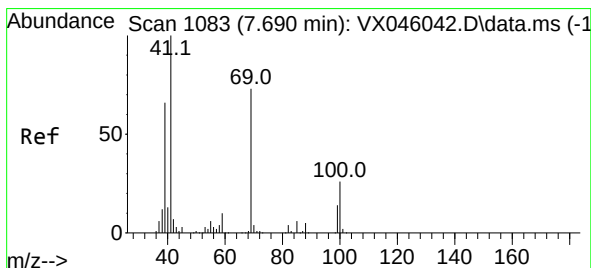
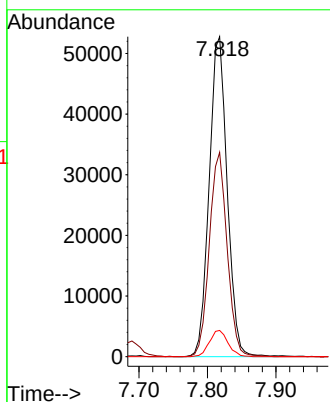
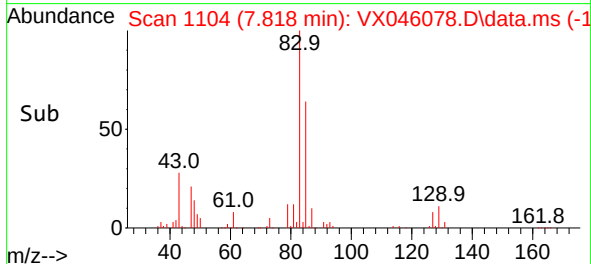
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 9640
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 8.2 6.5 9.7

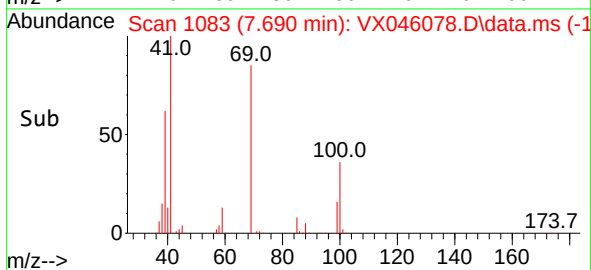
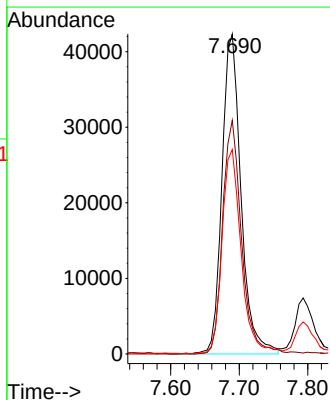
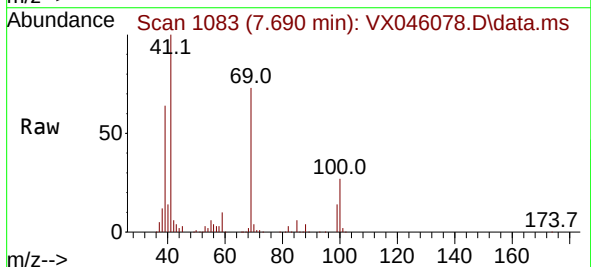
Manual Integrations
APPROVED

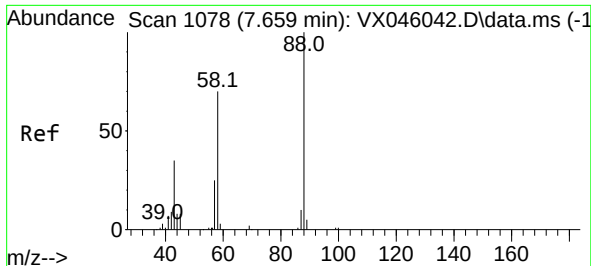
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#48
Methyl methacrylate
Concen: 48.156 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

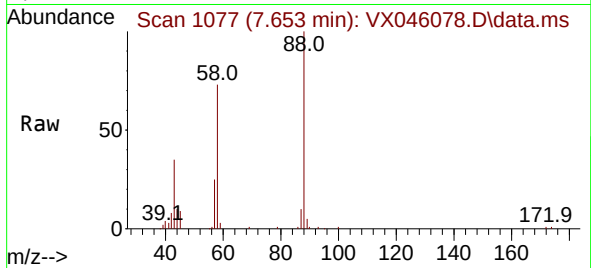
Tgt Ion: 41 Resp: 81622
Ion Ratio Lower Upper
41 100
69 72.1 58.5 87.7
39 64.3 51.7 77.5





#49
1,4-Dioxane
Concen: 954.733 ug/l
RT: 7.653 min Scan# 110
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

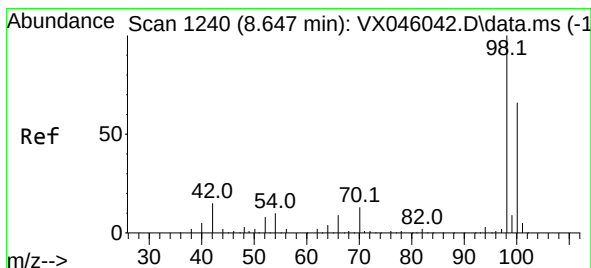
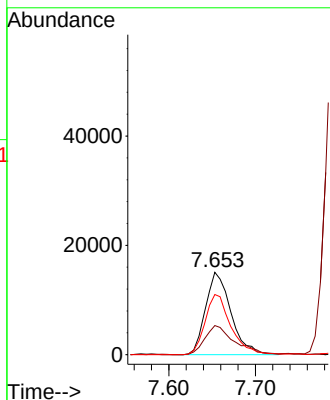
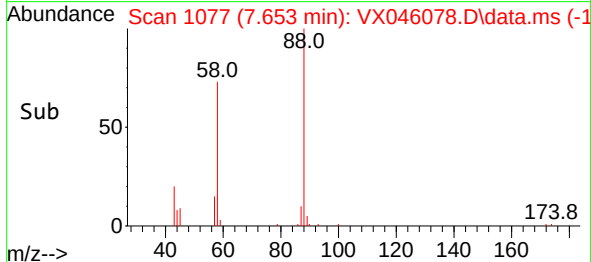
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 30720
Ion Ratio Lower Upper
88 100
43 41.0 33.4 50.2
58 74.6 58.6 88.0

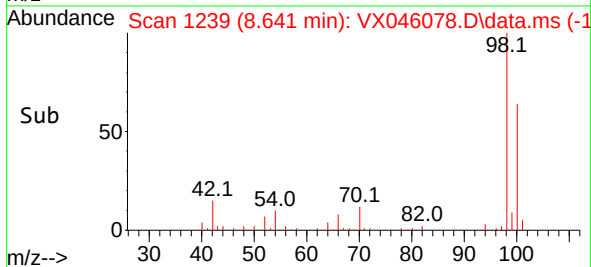
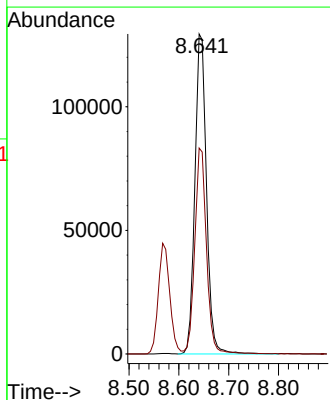
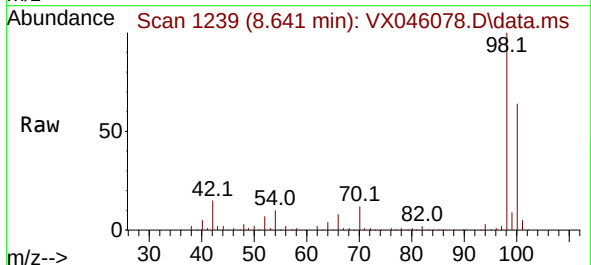
Manual Integrations
APPROVED

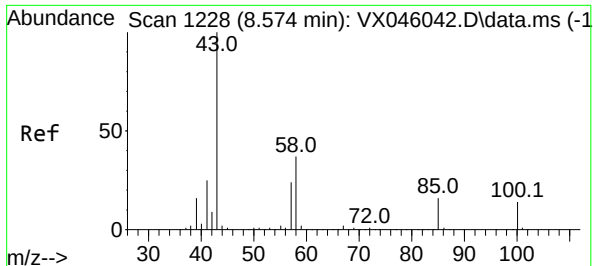
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#50
Toluene-d8
Concen: 46.095 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 98 Resp: 209081
Ion Ratio Lower Upper
98 100
100 64.9 53.5 80.3





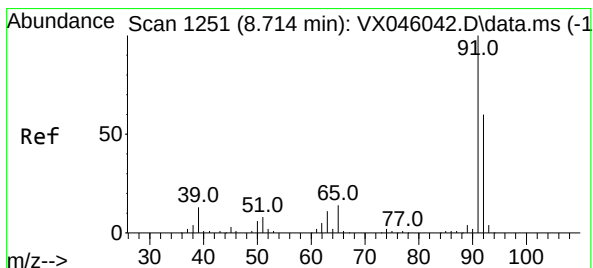
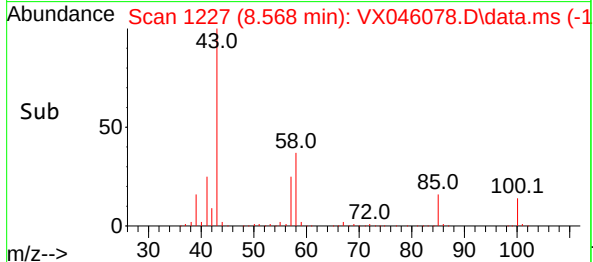
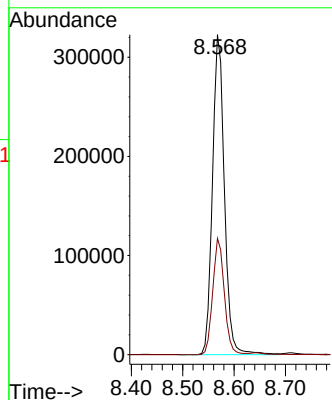
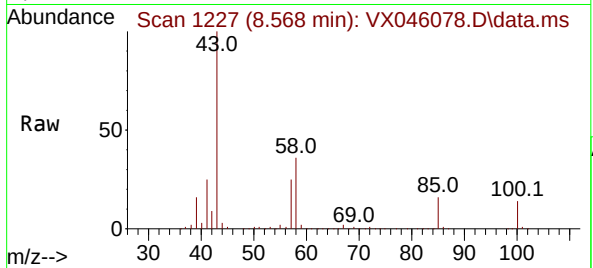
#51
4-Methyl-2-Pentanone
Concen: 236.587 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 521204
Ion Ratio Lower Upper
43 100
58 35.3 28.9 43.3

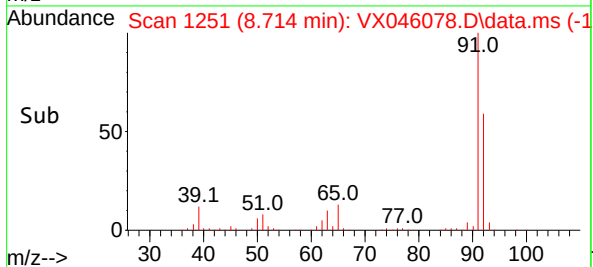
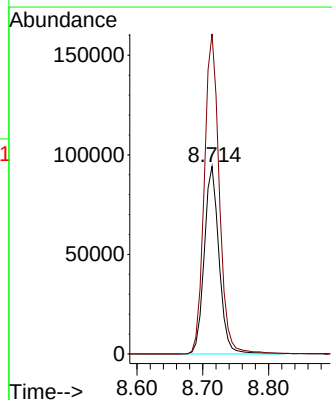
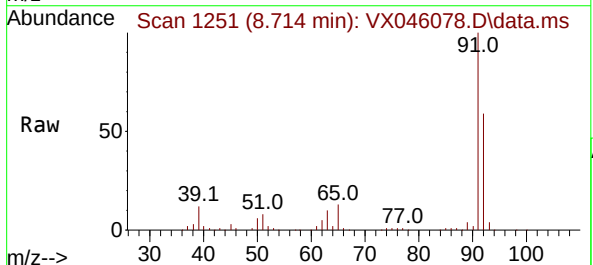
Manual Integrations
APPROVED

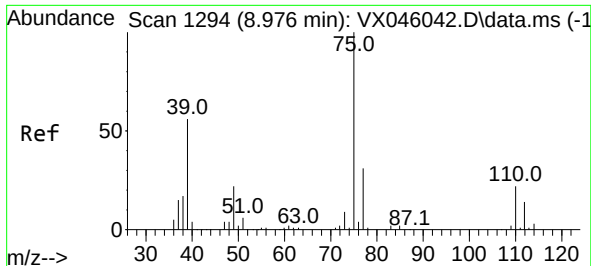
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#52
Toluene
Concen: 46.513 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 92 Resp: 147100
Ion Ratio Lower Upper
92 100
91 173.1 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 49.111 ug/l

RT: 8.970 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 8696

Ion Ratio Lower Upper

75 100

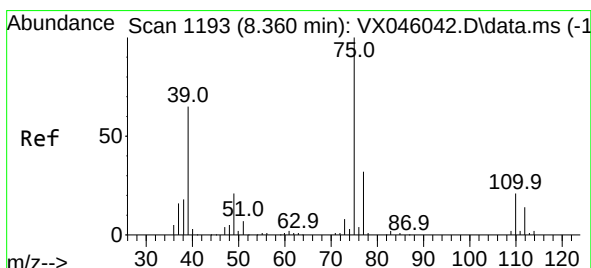
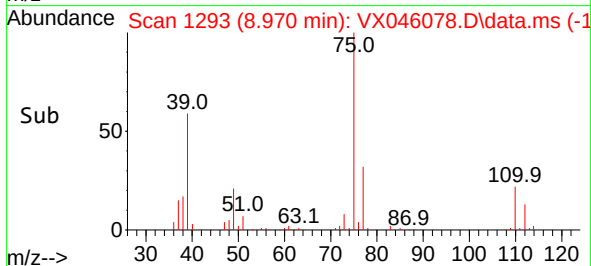
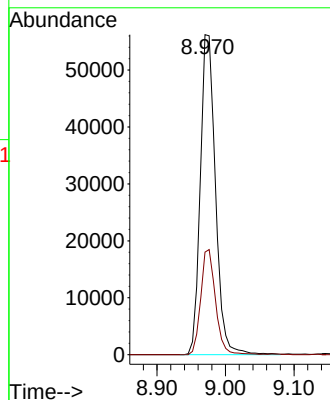
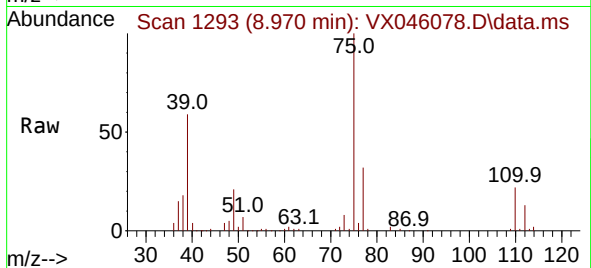
77 32.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#54

cis-1,3-Dichloropropene

Concen: 49.234 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

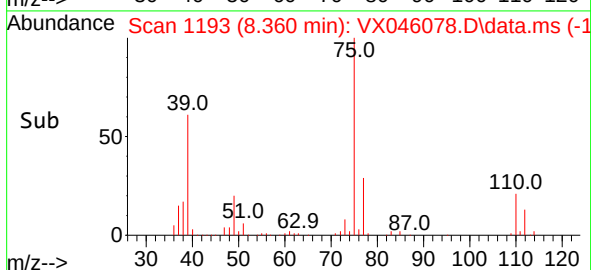
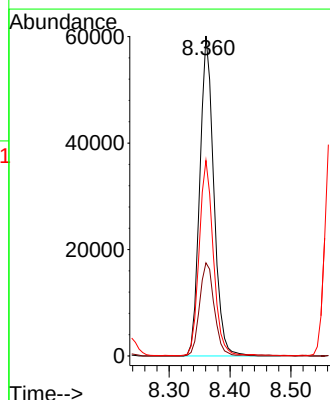
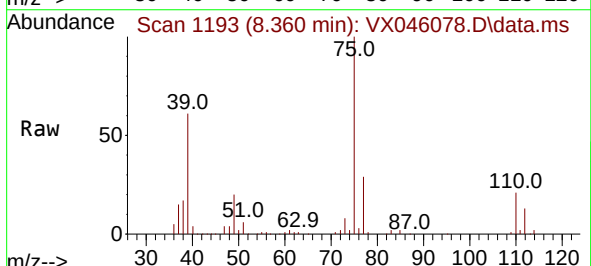
Tgt Ion: 75 Resp: 96359

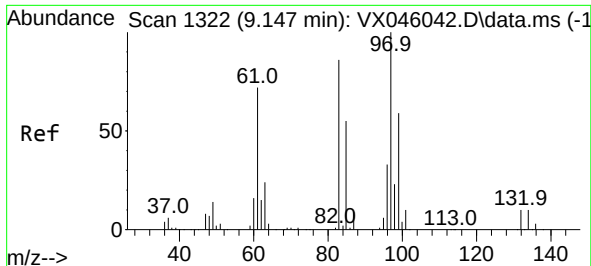
Ion Ratio Lower Upper

75 100

77 29.1 25.4 38.0

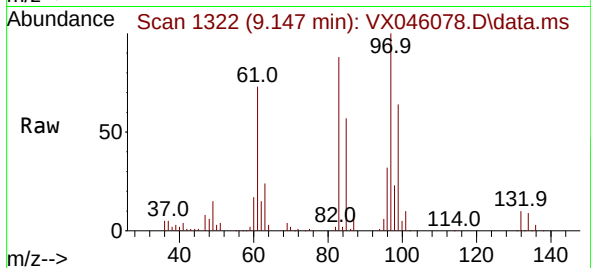
39 61.0 52.2 78.4





#55
1,1,2-Trichloroethane
Concen: 46.578 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

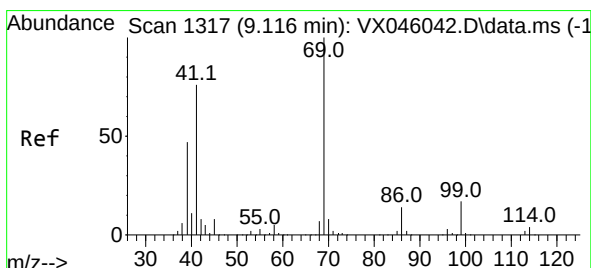
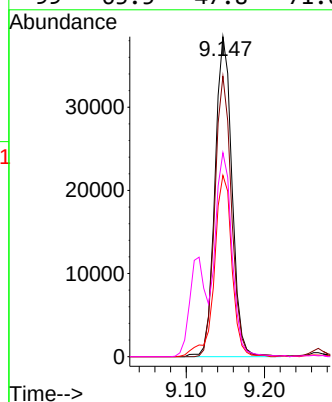
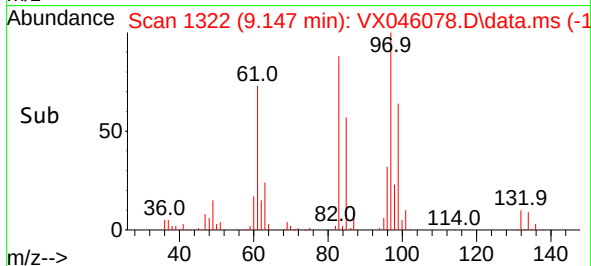
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



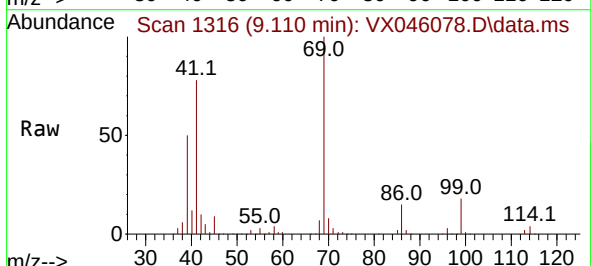
Tgt Ion: 97 Resp: 58084
Ion Ratio Lower Upper
97 100
83 87.7 69.0 103.6
85 56.5 44.3 66.5
99 63.5 47.8 71.6

Manual Integrations
APPROVED

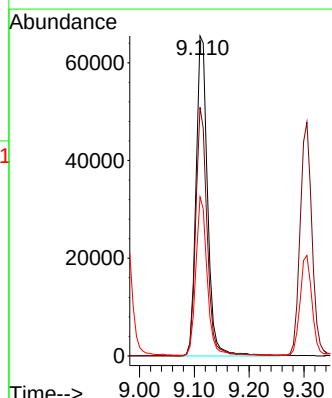
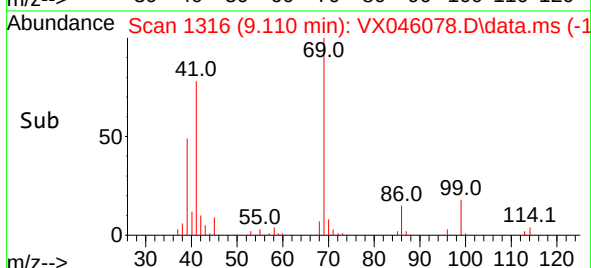
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

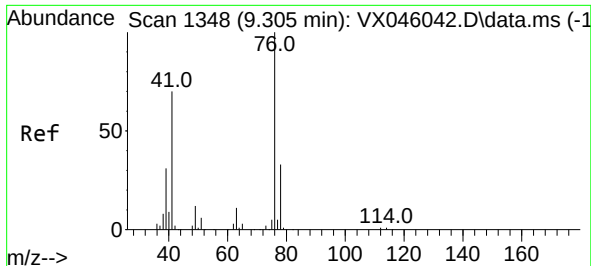


#56
Ethyl methacrylate
Concen: 48.490 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05



Tgt Ion: 69 Resp: 96373
Ion Ratio Lower Upper
69 100
41 76.7 60.8 91.2
39 48.5 39.0 58.6





#57
1,3-Dichloropropane
Concen: 45.674 ug/l
RT: 9.305 min Scan# 11348
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

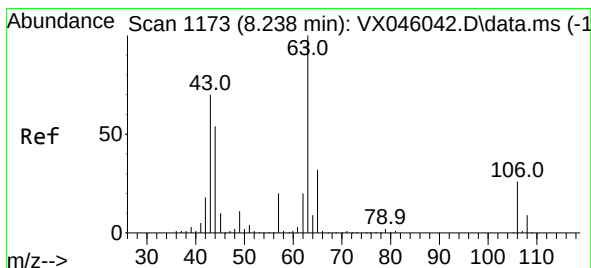
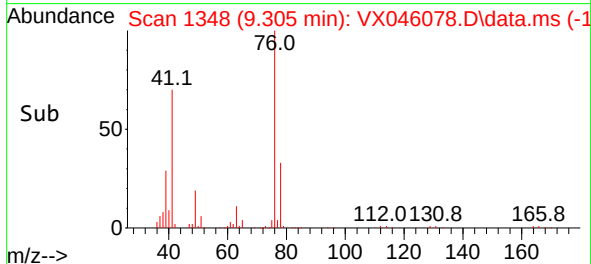
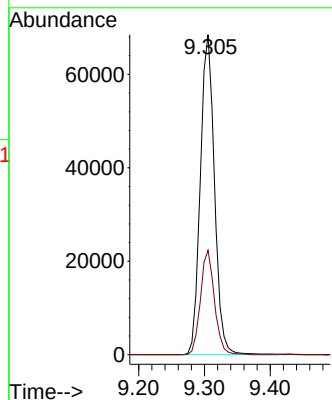
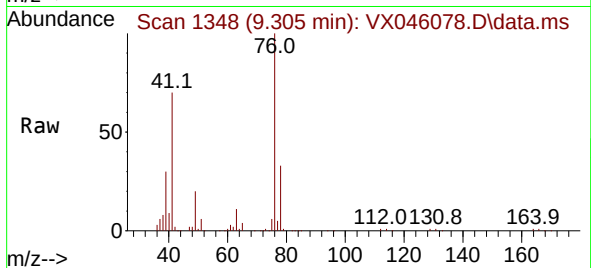
Tgt Ion: 76 Resp: 102289
Ion Ratio Lower Upper
76 100
78 32.2 26.3 39.5

Manual Integrations

APPROVED

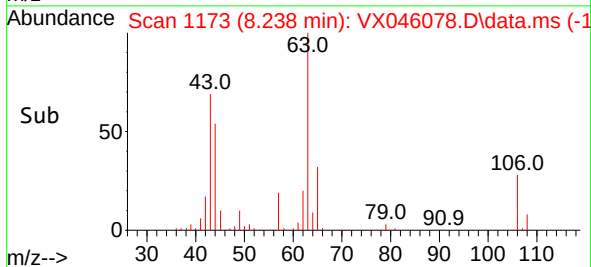
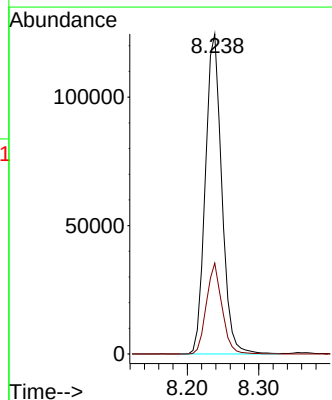
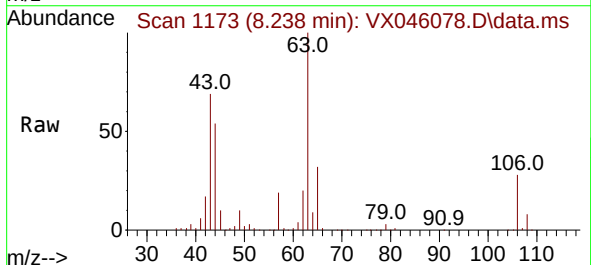
Reviewed By :John Carlone 05/09/2025

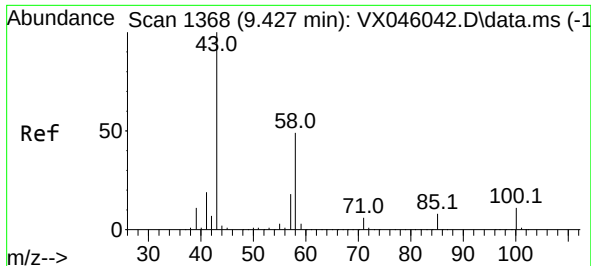
Supervised By :Mahesh Dadoda 05/09/2025



#58
2-Chloroethyl Vinyl ether
Concen: 195.960 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

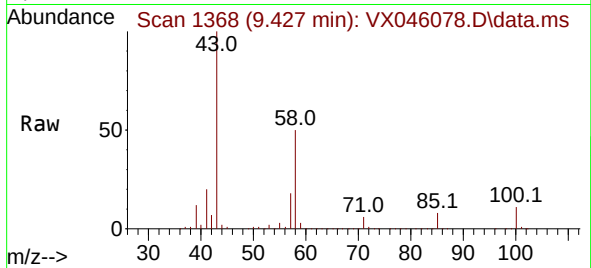
Tgt Ion: 63 Resp: 198555
Ion Ratio Lower Upper
63 100
106 27.0 21.5 32.3





#59
2-Hexanone
Concen: 235.986 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

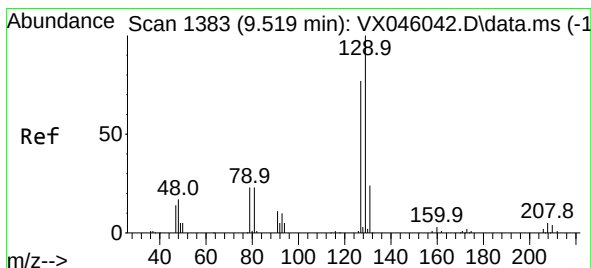
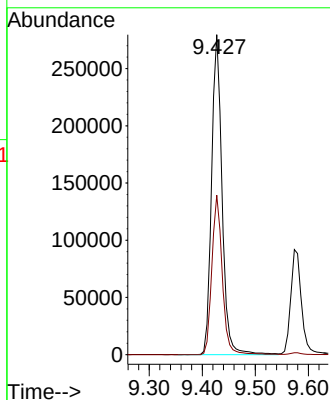
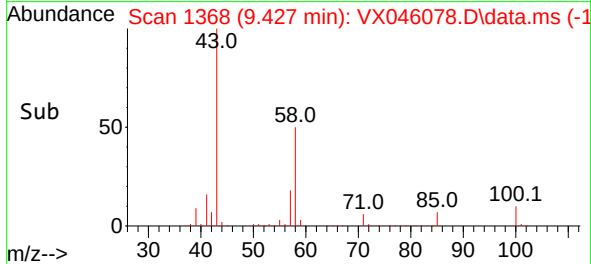
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 384624
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

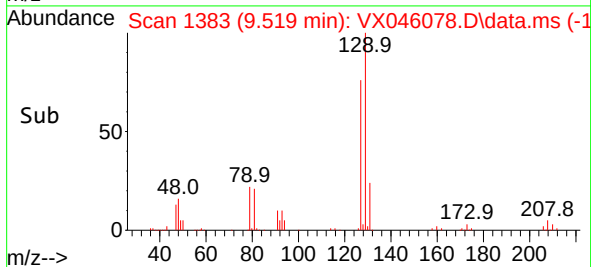
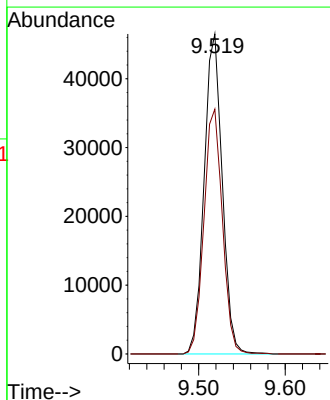
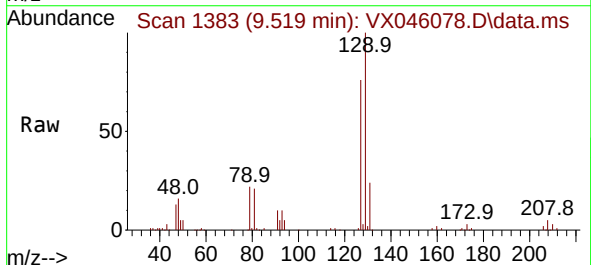
Manual Integrations
APPROVED

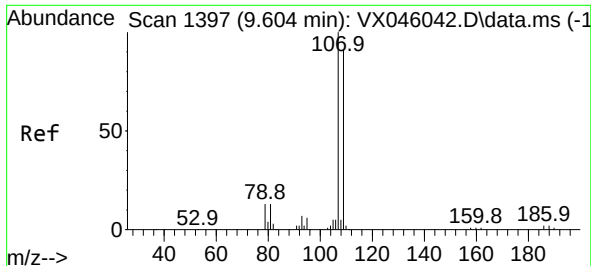
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#60
Dibromochloromethane
Concen: 49.247 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion:129 Resp: 67444
Ion Ratio Lower Upper
129 100
127 78.1 39.3 117.8





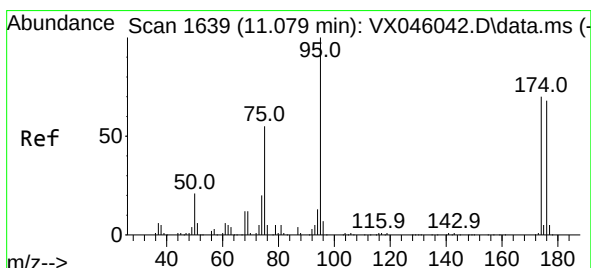
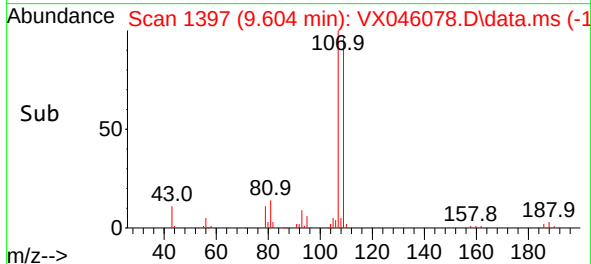
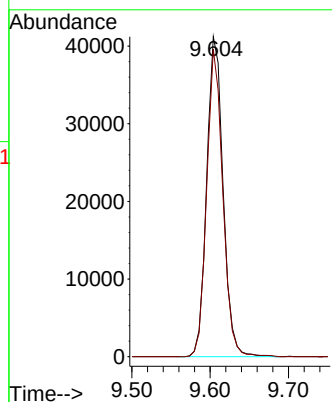
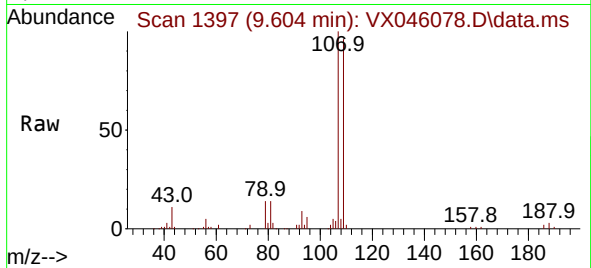
#61
1,2-Dibromoethane
Concen: 46.129 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 5978
Ion Ratio Lower Upper
107 100
109 94.4 73.3 109.9

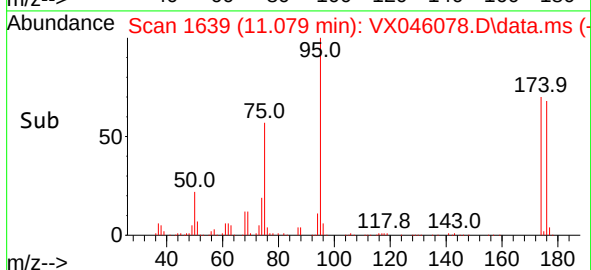
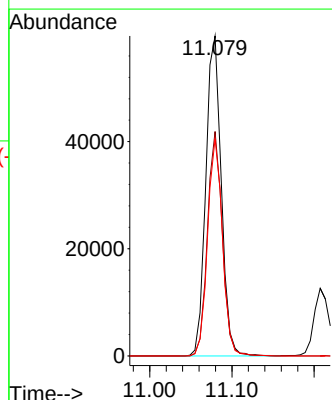
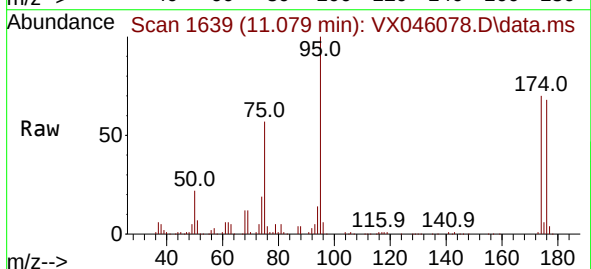
Manual Integrations
APPROVED

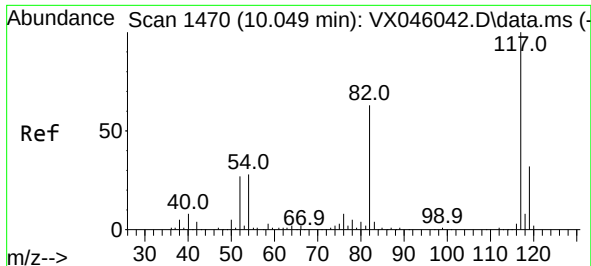
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#62
4-Bromofluorobenzene
Concen: 44.770 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

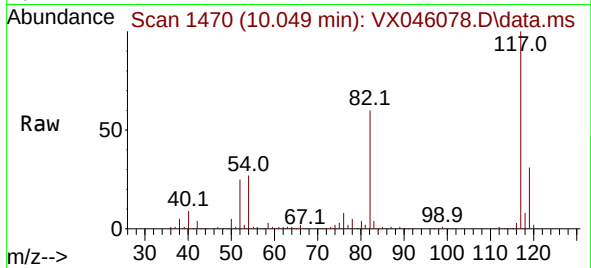
Tgt Ion: 95 Resp: 77895
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.8
176 65.4 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

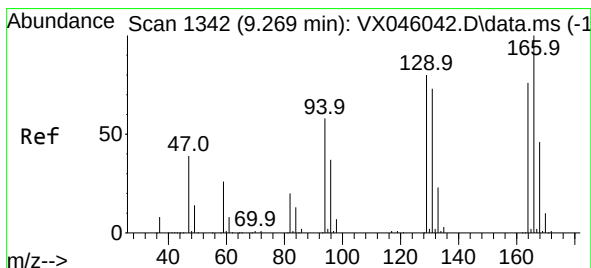
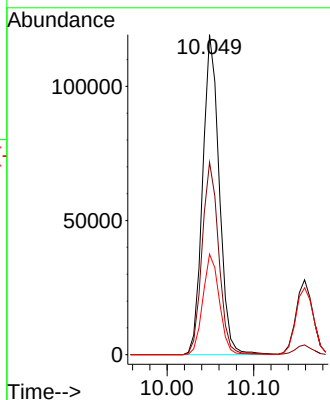
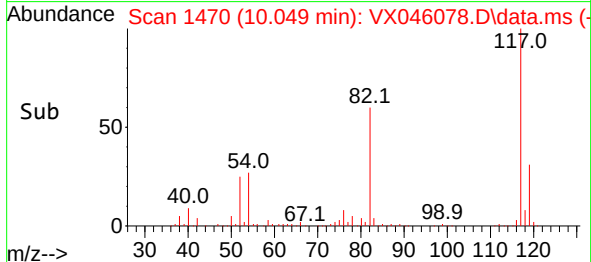
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 158314
Ion Ratio Lower Upper
117 100
82 60.1 50.6 76.0
119 31.4 25.8 38.6

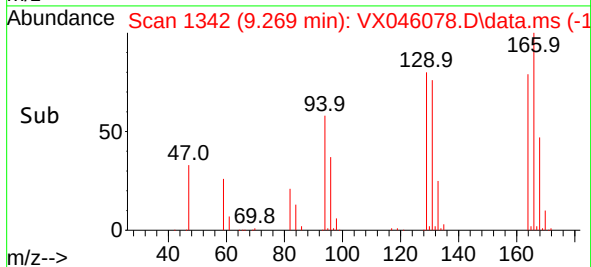
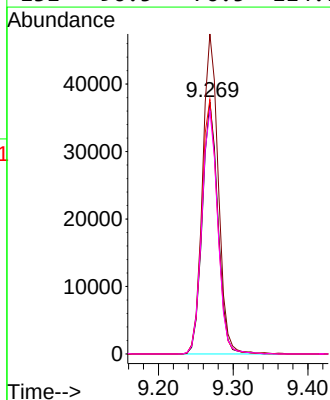
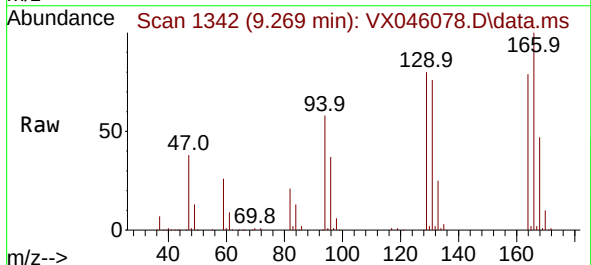
Manual Integrations
APPROVED

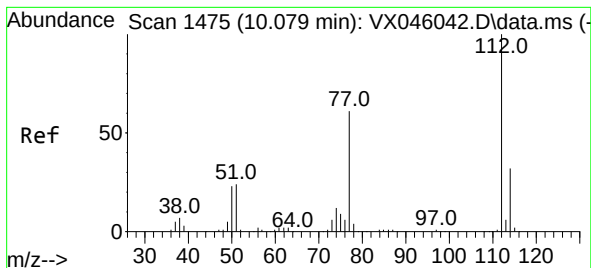
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#64
Tetrachloroethene
Concen: 48.407 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion:164 Resp: 54223
Ion Ratio Lower Upper
164 100
166 127.0 105.0 157.6
129 100.9 83.5 125.3
131 96.5 76.5 114.7





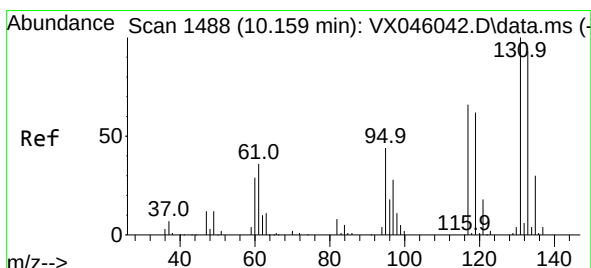
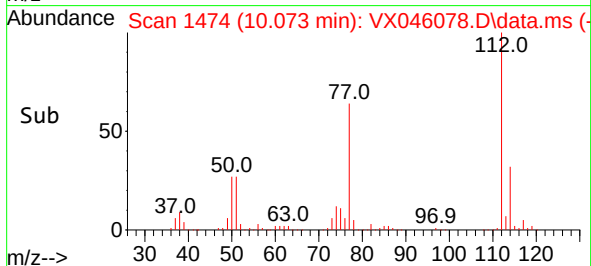
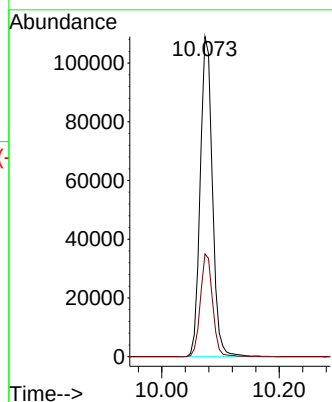
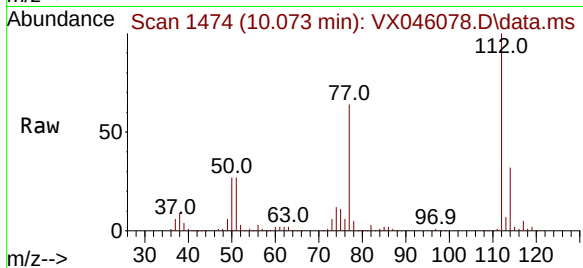
#65
Chlorobenzene
Concen: 45.157 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 156475
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

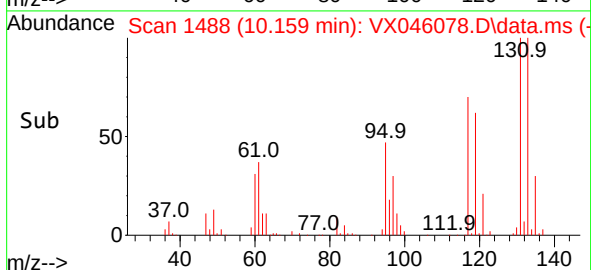
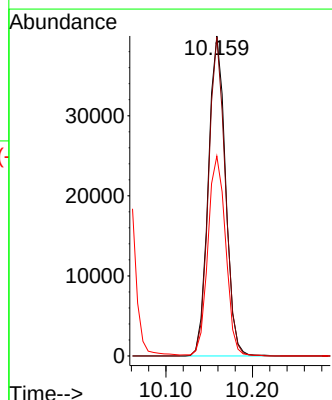
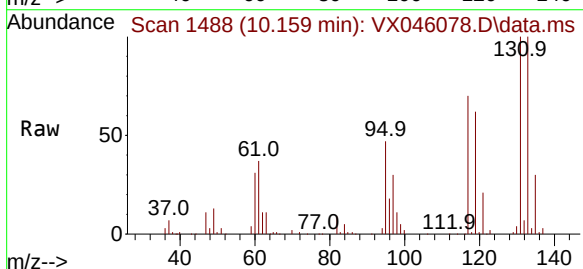
Manual Integrations
APPROVED

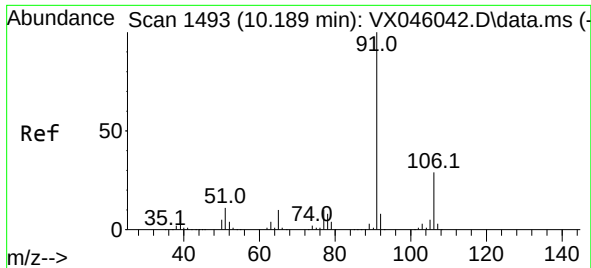
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 46.629 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

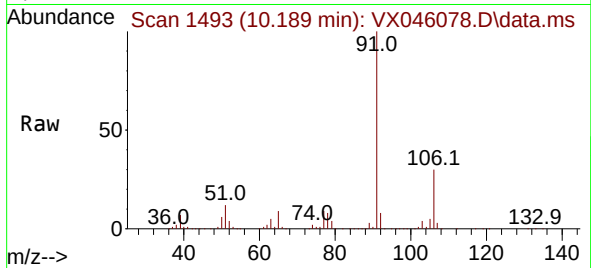
Tgt Ion:131 Resp: 55173
Ion Ratio Lower Upper
131 100
133 96.5 47.3 141.9
119 64.4 31.6 95.0





#67
Ethyl Benzene
Concen: 47.522 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

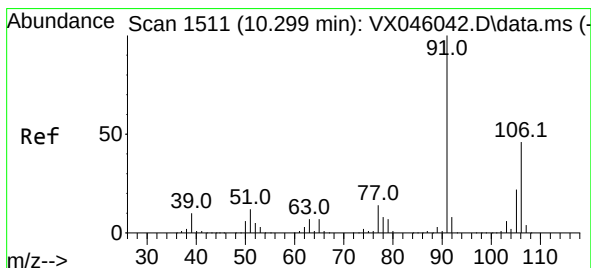
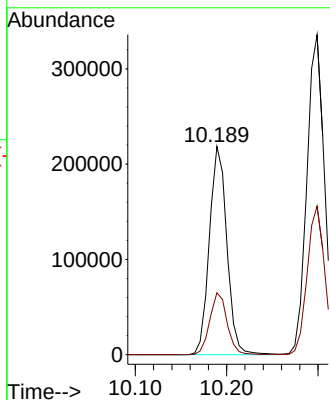
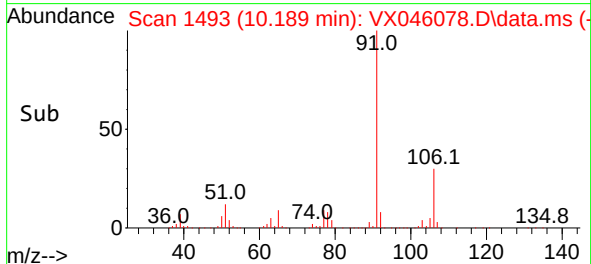
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



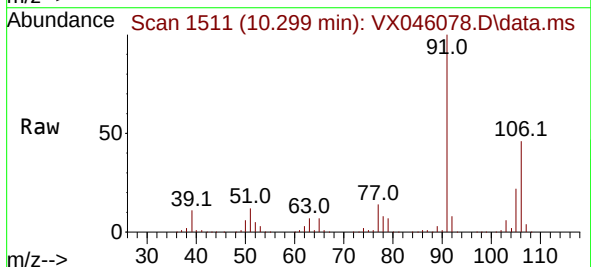
Tgt Ion: 91 Resp: 29026
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2

Manual Integrations
APPROVED

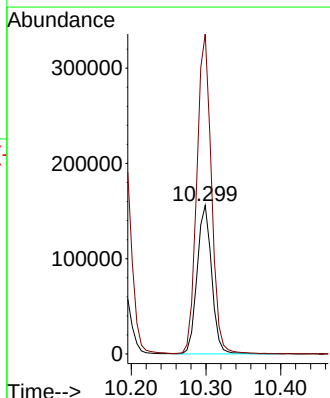
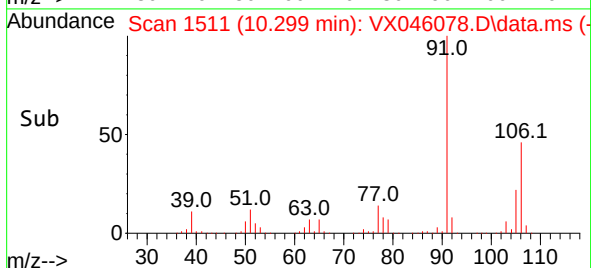
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

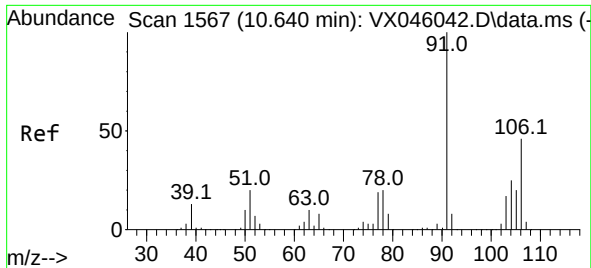


#68
m/p-Xylenes
Concen: 94.184 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05



Tgt Ion:106 Resp: 210404
Ion Ratio Lower Upper
106 100
91 216.6 171.2 256.8





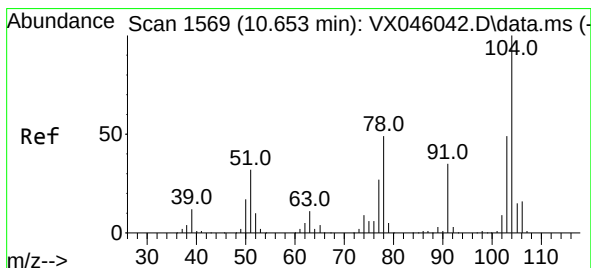
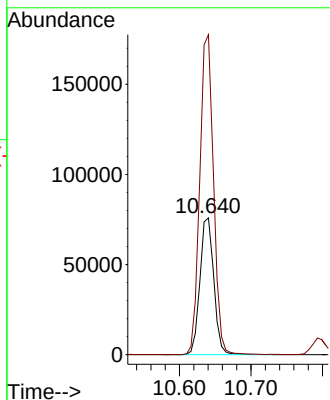
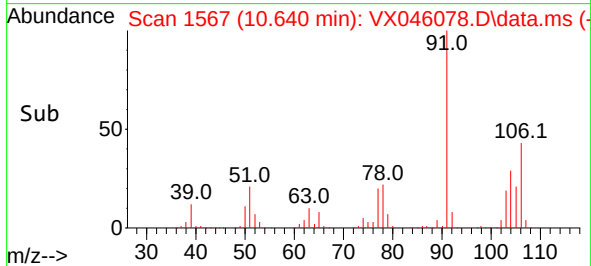
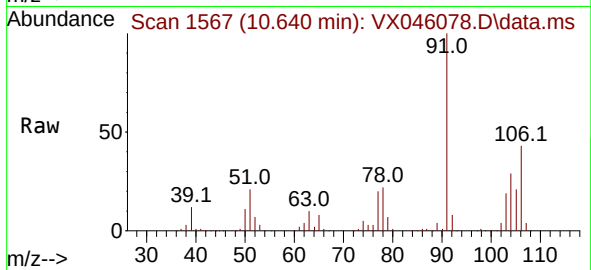
#69
o-Xylene
Concen: 46.944 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 102240
Ion Ratio Lower Upper
106 100
91 232.4 112.7 338.1

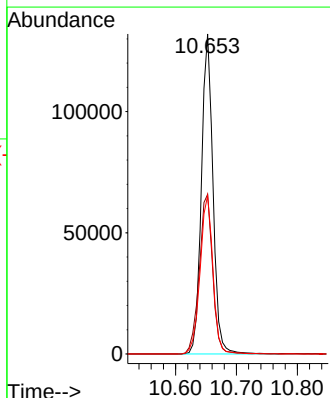
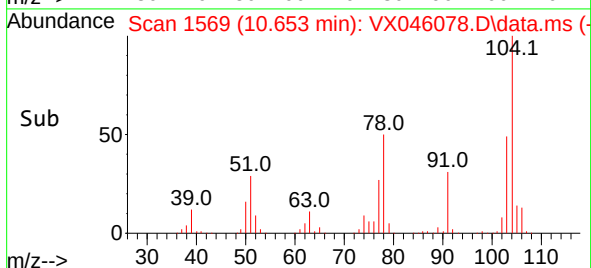
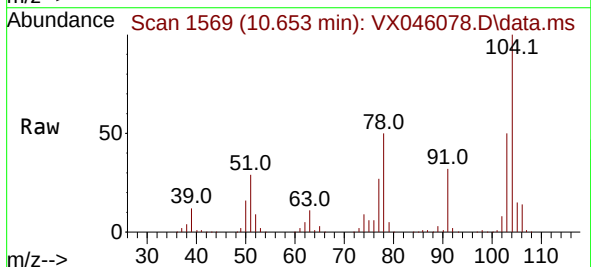
Manual Integrations
APPROVED

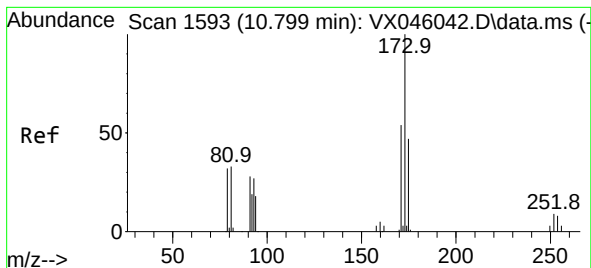
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#70
Styrene
Concen: 48.774 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion:104 Resp: 174009
Ion Ratio Lower Upper
104 100
78 57.7 45.7 68.5
103 55.0 43.7 65.5





#71

Bromoform

Concen: 48.696 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

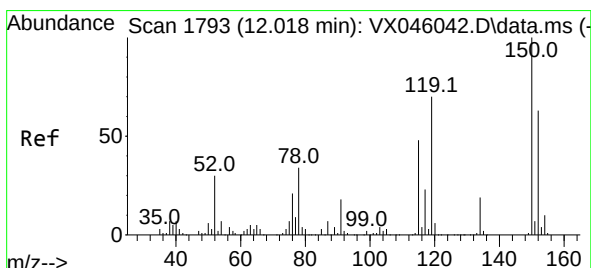
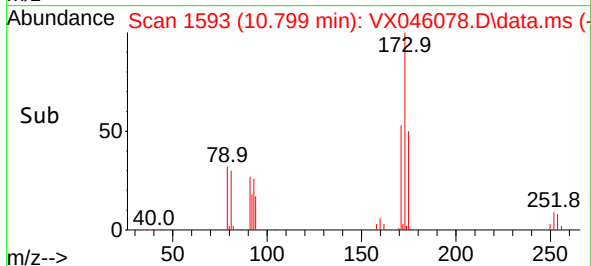
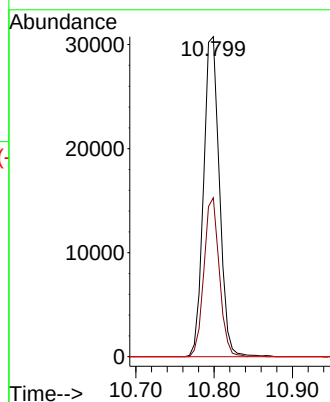
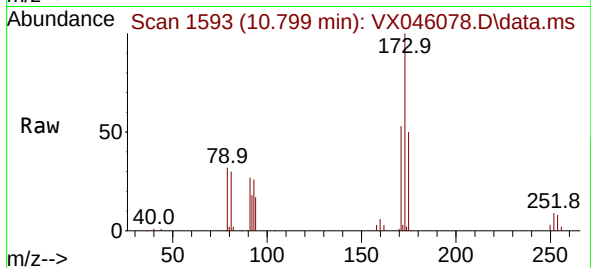
Tgt Ion:	173	Resp:	4325
Ion Ratio	Lower	Upper	
173	100		
175	48.1	23.4	70.0
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

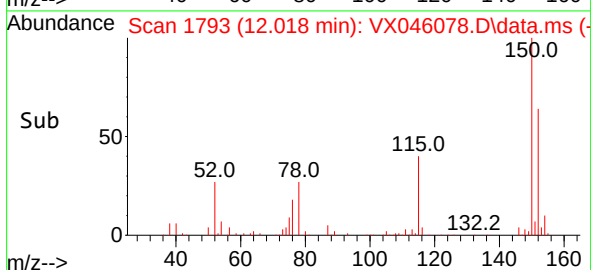
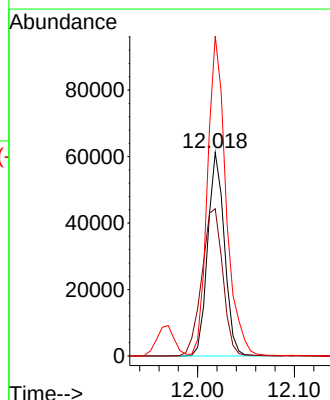
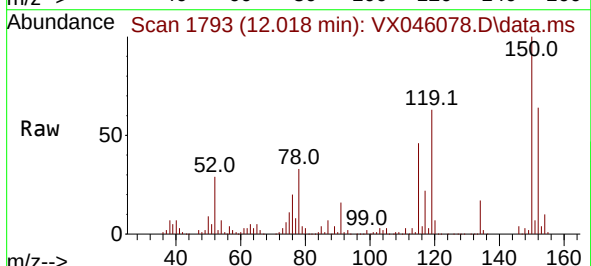
RT: 12.018 min Scan# 1793

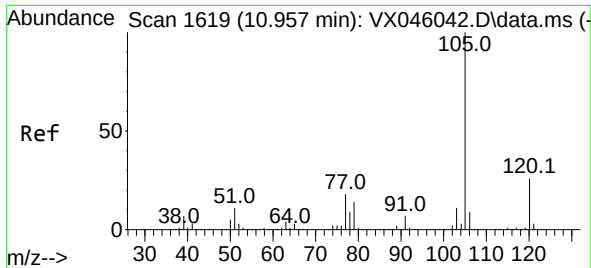
Delta R.T. 0.000 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Tgt Ion:	152	Resp:	73554
Ion Ratio	Lower	Upper	
152	100		
115	91.0	46.9	140.7
150	174.9	0.0	351.0





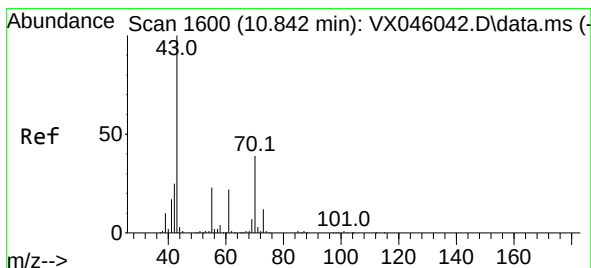
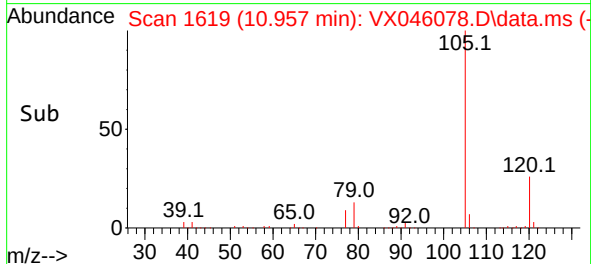
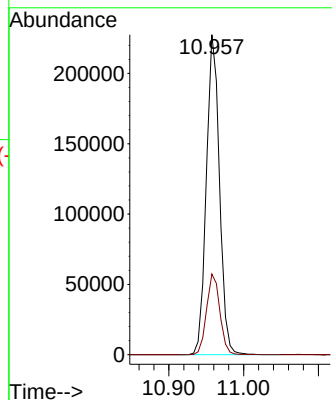
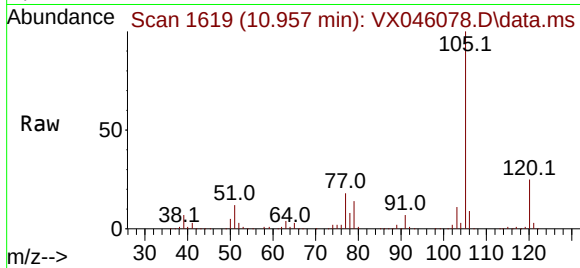
#73
Isopropylbenzene
Concen: 48.428 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 277319
Ion Ratio Lower Upper
105 100
120 25.5 12.8 38.4

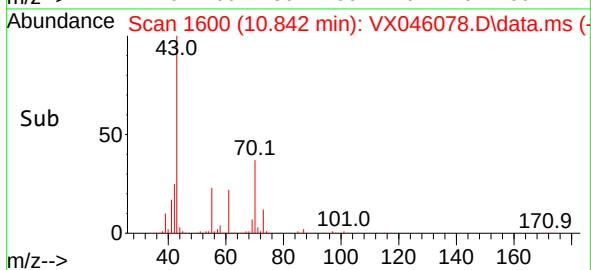
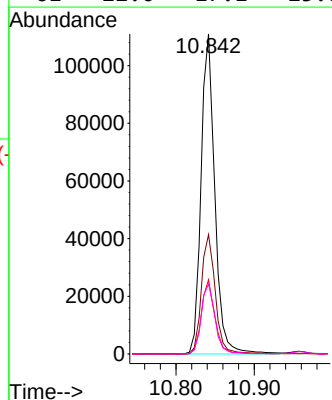
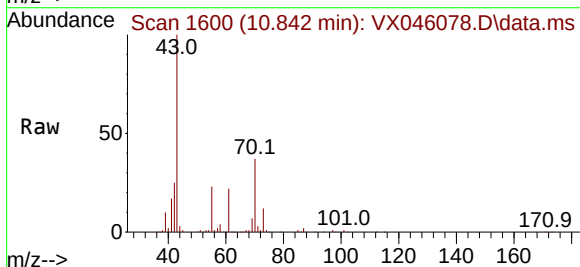
Manual Integrations
APPROVED

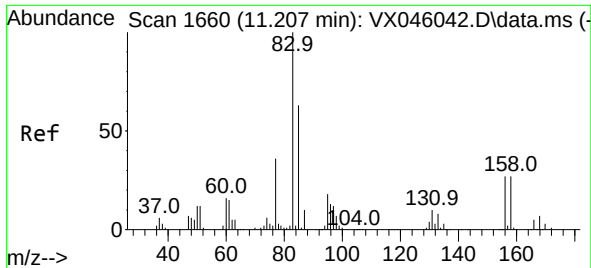
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#74
N-ethyl acetate
Concen: 47.898 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 43 Resp: 135534
Ion Ratio Lower Upper
43 100
70 37.6 30.9 46.3
55 23.1 18.7 28.1
61 22.0 17.1 25.7





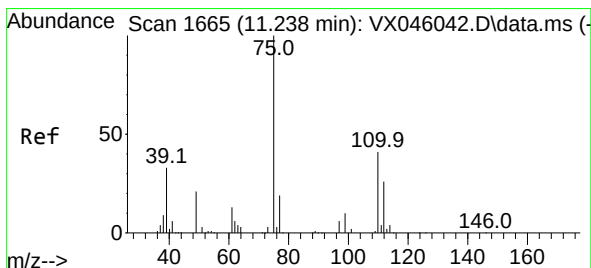
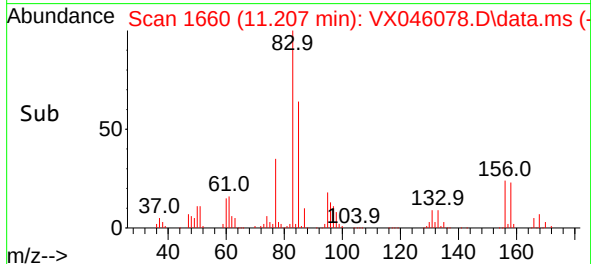
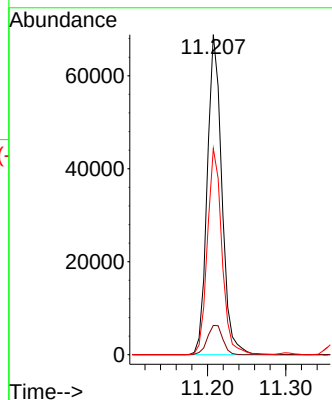
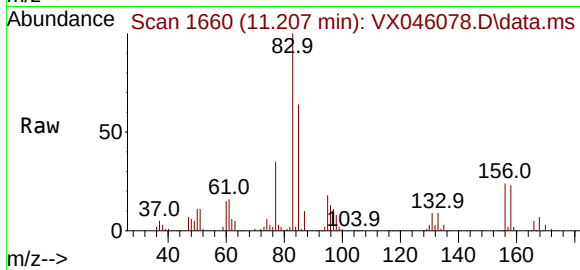
#75
1,1,2,2-Tetrachloroethane
Concen: 44.217 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 88732
Ion Ratio Lower Upper
83 100
131 9.7 5.0 14.9
85 64.0 31.9 95.7

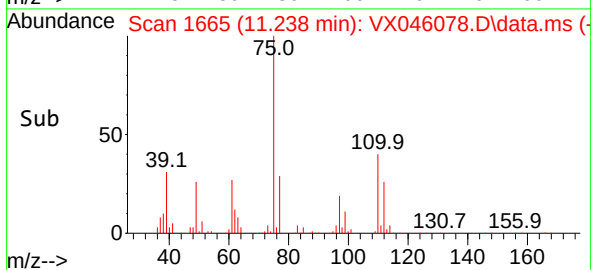
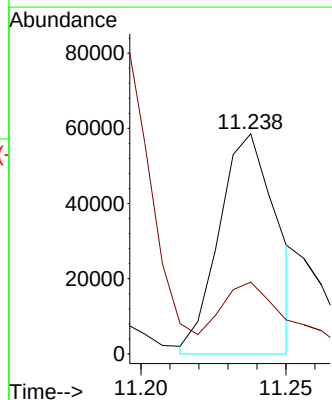
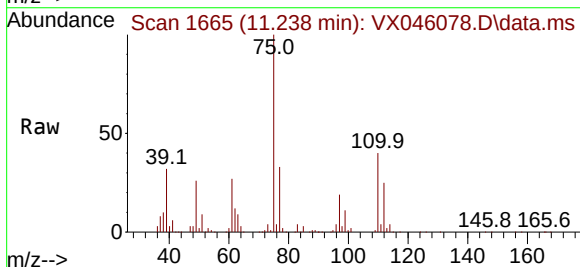
Manual Integrations
APPROVED

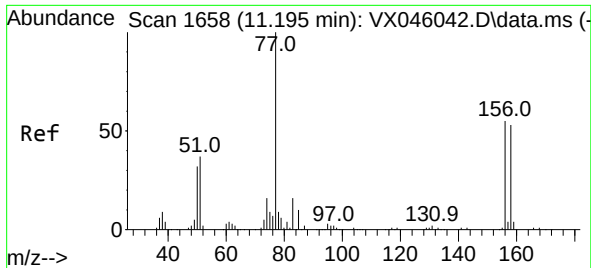
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#76
1,2,3-Trichloropropane
Concen: 45.331 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

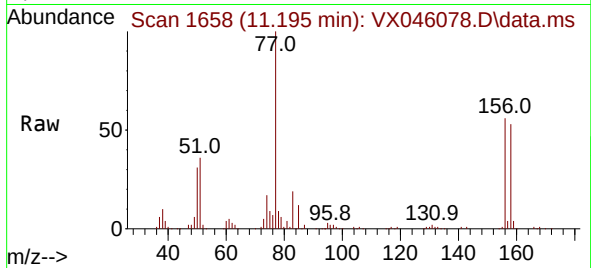
Tgt Ion: 75 Resp: 80257
Ion Ratio Lower Upper
75 100
77 39.6 20.5 61.5





#77
Bromobenzene
Concen: 47.164 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

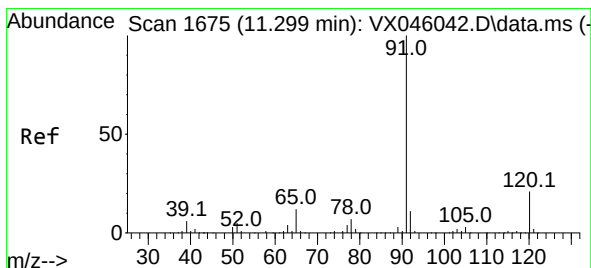
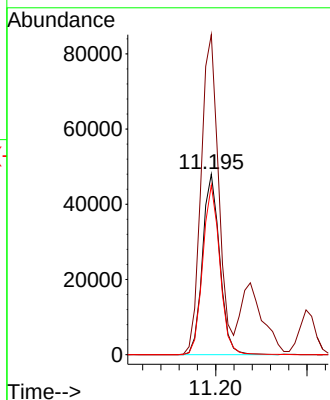
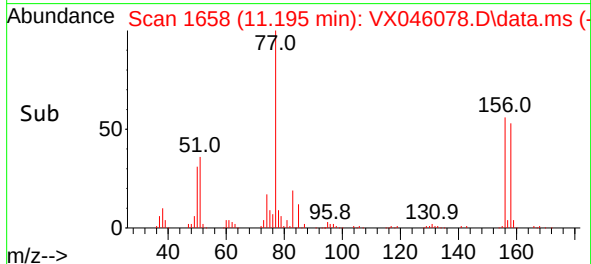
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



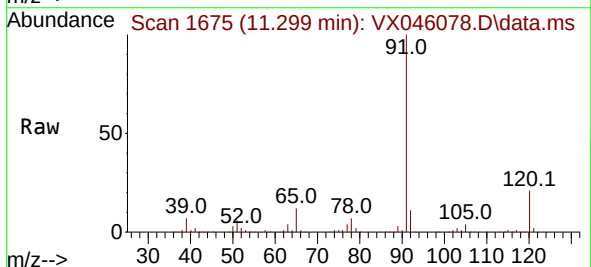
Tgt Ion:156 Resp: 62702
Ion Ratio Lower Upper
156 100
77 181.9 92.8 278.3
158 93.6 48.8 146.3

Manual Integrations
APPROVED

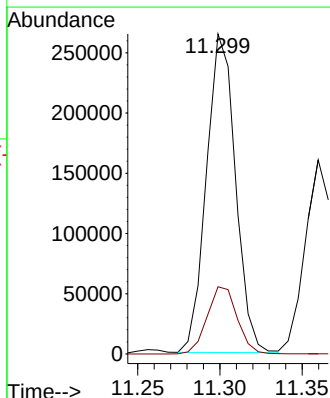
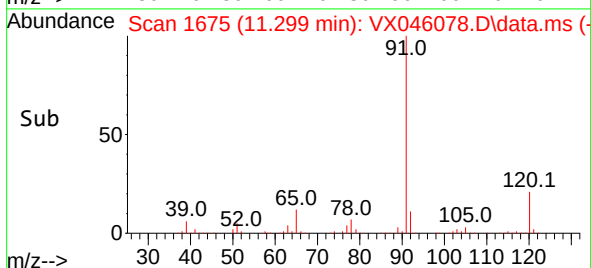
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

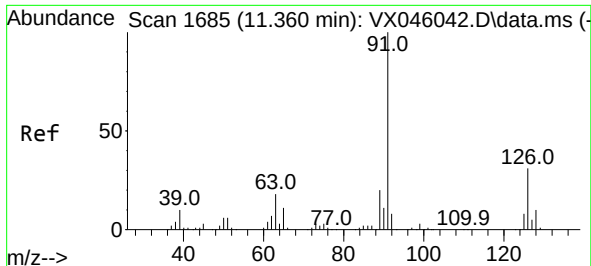


#78
n-propylbenzene
Concen: 48.814 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05



Tgt Ion: 91 Resp: 325019
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4





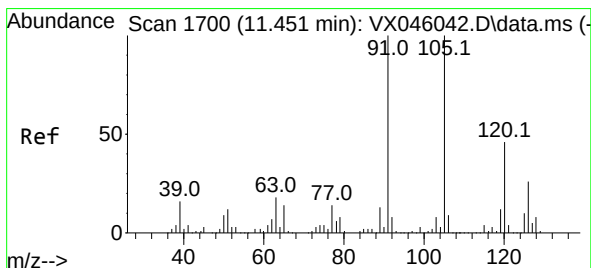
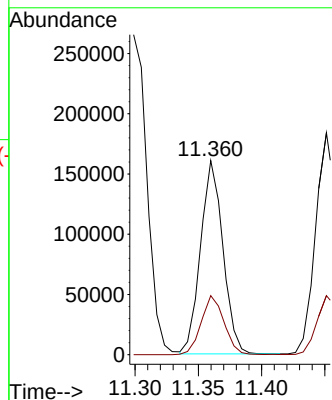
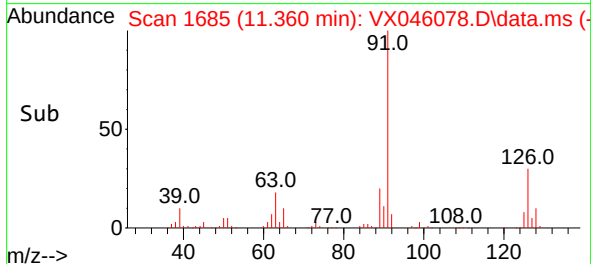
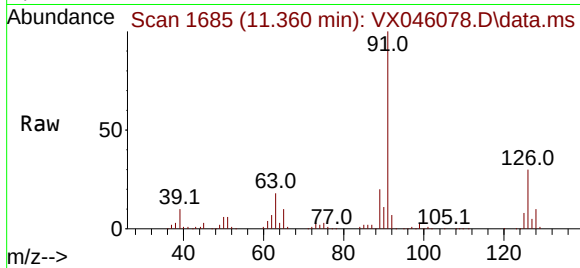
#79
2-Chlorotoluene
Concen: 46.185 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 198350
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.7

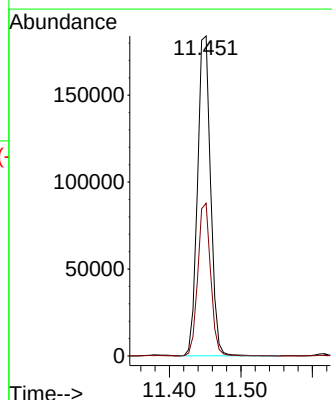
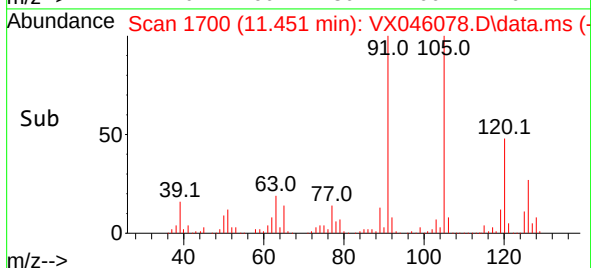
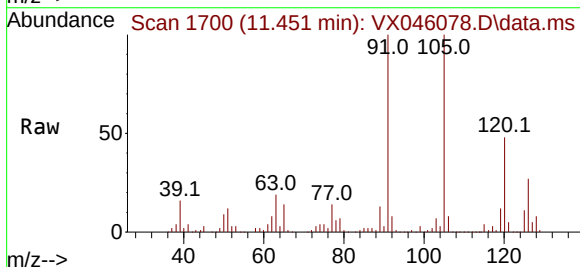
Manual Integrations
APPROVED

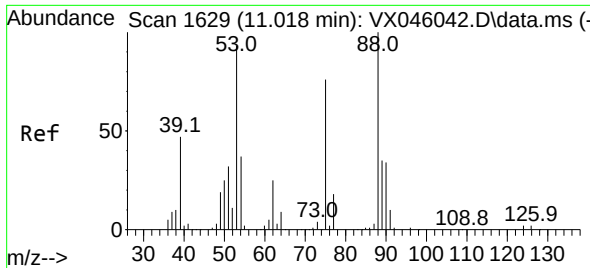
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#80
1,3,5-Trimethylbenzene
Concen: 48.737 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

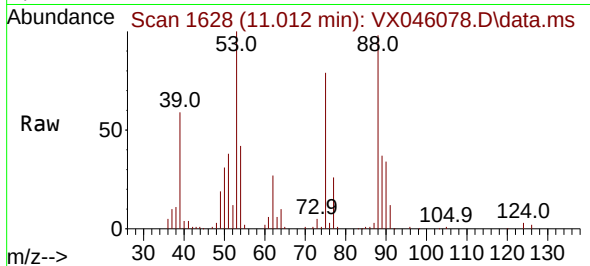
Tgt Ion:105 Resp: 233158
Ion Ratio Lower Upper
105 100
120 47.0 23.1 69.2





#81
trans-1,4-Dichloro-2-butene
Concen: 46.952 ug/l
RT: 11.012 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

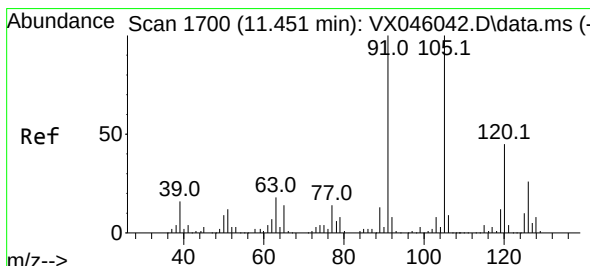
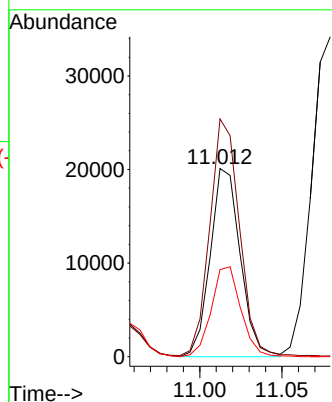
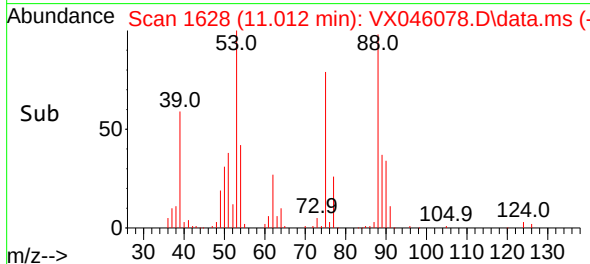
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2553
Ion Ratio Lower Upper
75 100
53 124.6 100.5 150.7
89 47.1 37.0 55.6

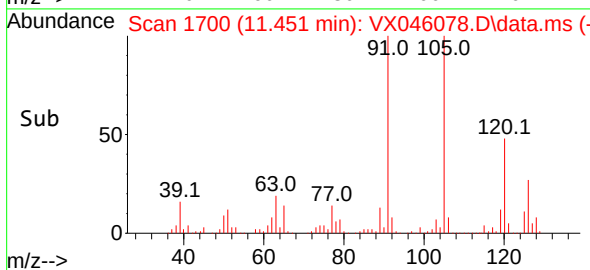
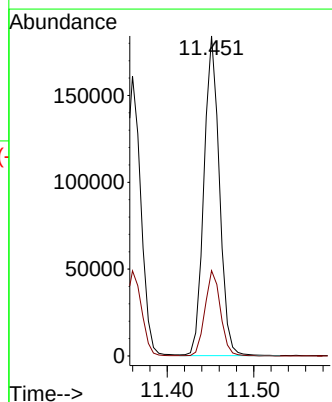
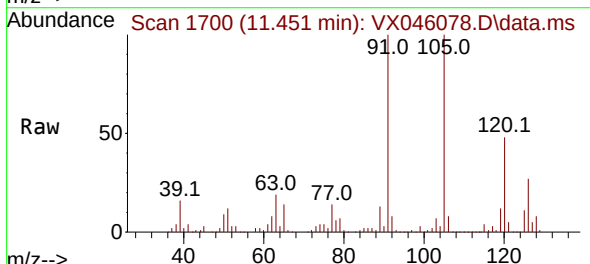
Manual Integrations
APPROVED

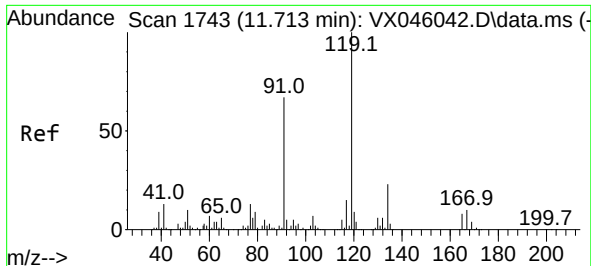
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#82
4-Chlorotoluene
Concen: 47.823 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

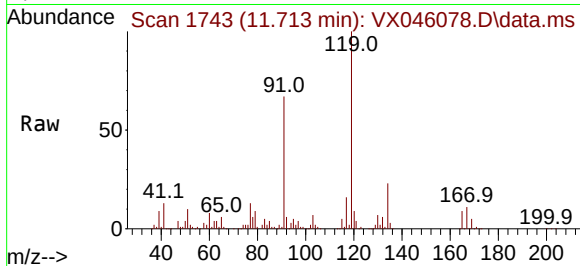
Tgt Ion: 91 Resp: 227761
Ion Ratio Lower Upper
91 100
126 26.9 13.3 39.8





#83
tert-Butylbenzene
Concen: 47.471 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

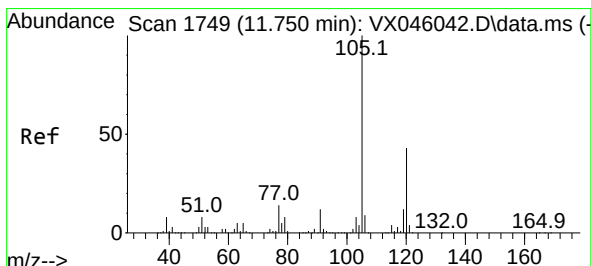
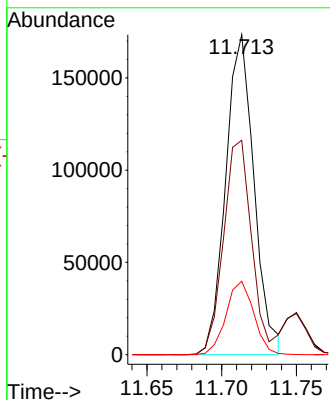
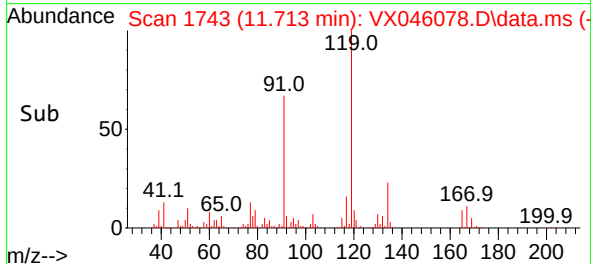
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



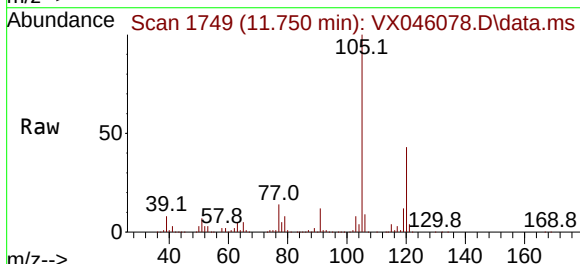
Tgt Ion:119 Resp: 22875
Ion Ratio Lower Upper
119 100
91 66.0 32.9 98.7
134 22.5 11.4 34.1

Manual Integrations
APPROVED

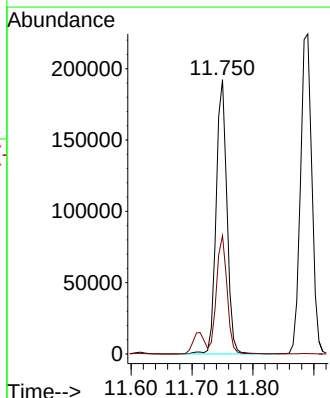
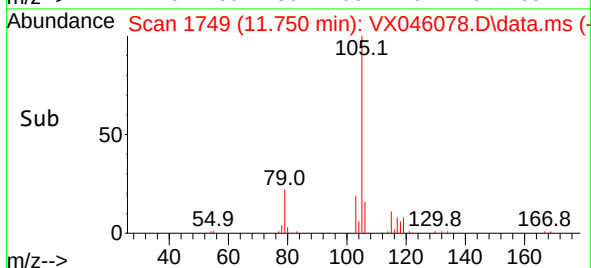
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025

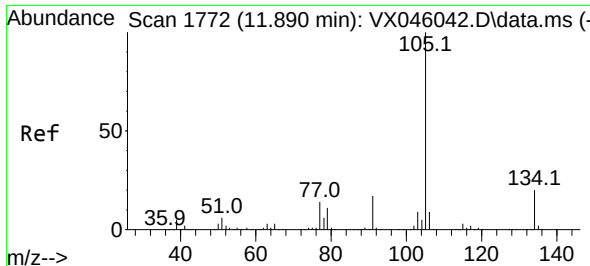


#84
1,2,4-Trimethylbenzene
Concen: 48.637 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05



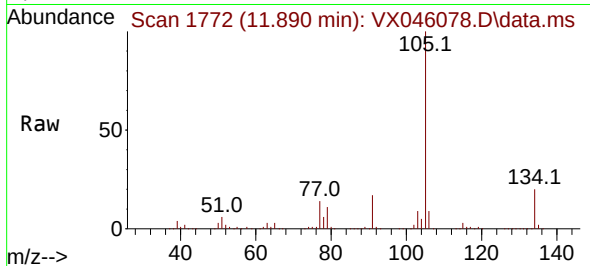
Tgt Ion:105 Resp: 235628
Ion Ratio Lower Upper
105 100
120 42.4 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.992 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX046078.D
 Acq: 08 May 2025 10:05

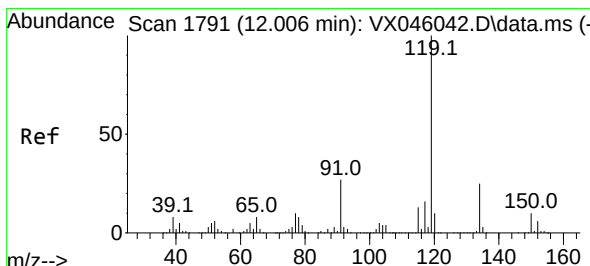
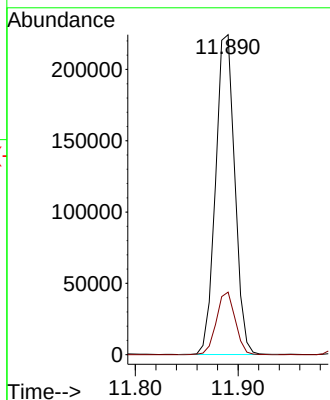
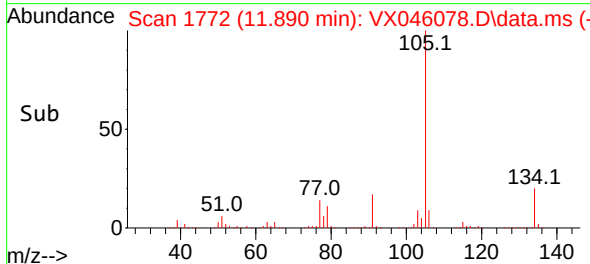
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



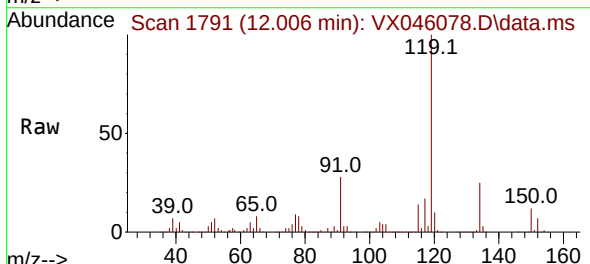
Tgt Ion:105 Resp: 289872
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1

Manual Integrations
 APPROVED

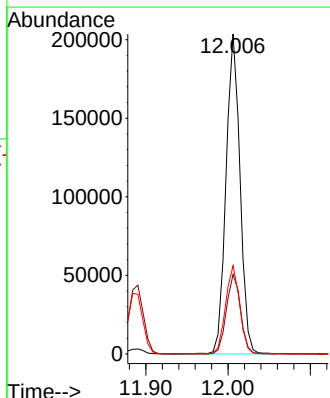
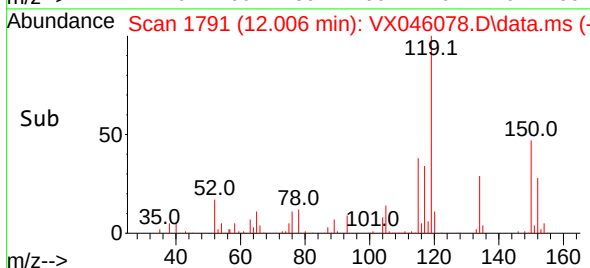
Reviewed By :John Carlone 05/09/2025
 Supervised By :Mahesh Dadoda 05/09/2025

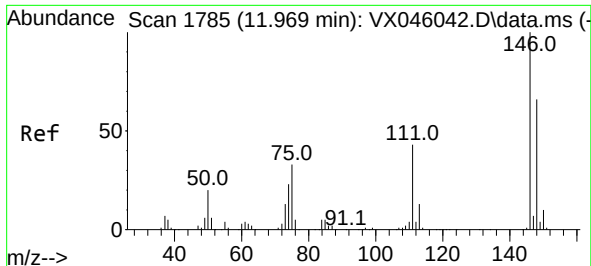


#86
 p-Isopropyltoluene
 Concen: 49.423 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX046078.D
 Acq: 08 May 2025 10:05



Tgt Ion:119 Resp: 241375
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.5 37.5
 91 27.6 13.8 41.4





#87

1,3-Dichlorobenzene

Concen: 47.766 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 115894

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.3

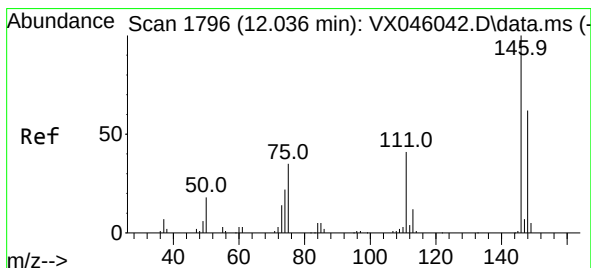
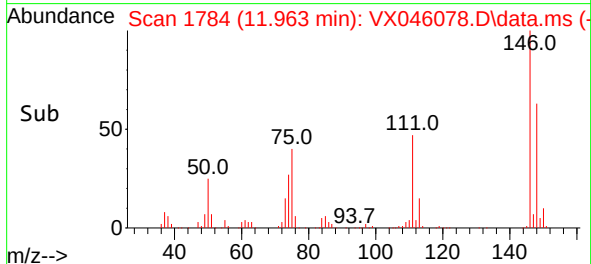
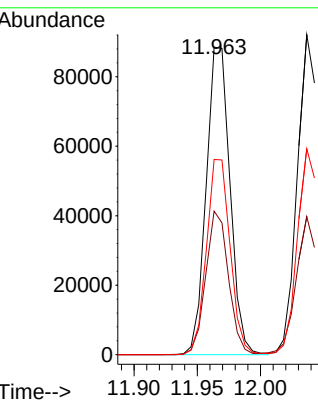
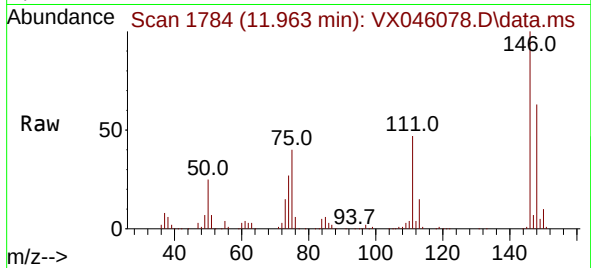
148 63.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2025

Supervised By :Mahesh Dadoda 05/09/2025



#88

1,4-Dichlorobenzene

Concen: 46.133 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX046078.D

Acq: 08 May 2025 10:05

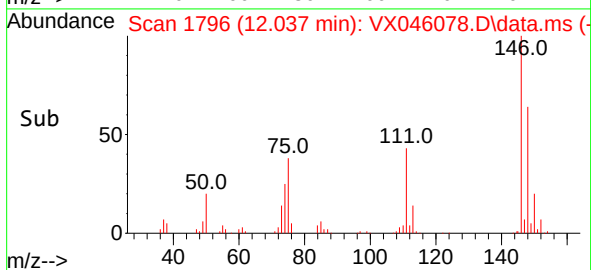
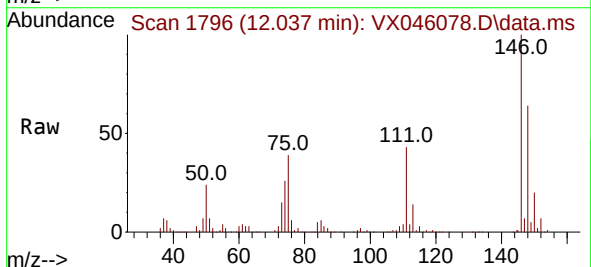
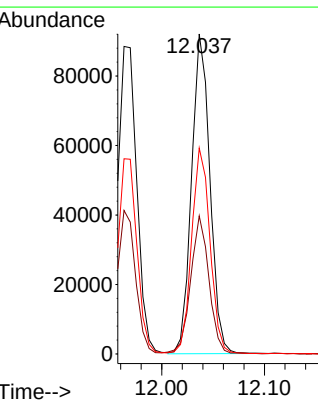
Tgt Ion:146 Resp: 114313

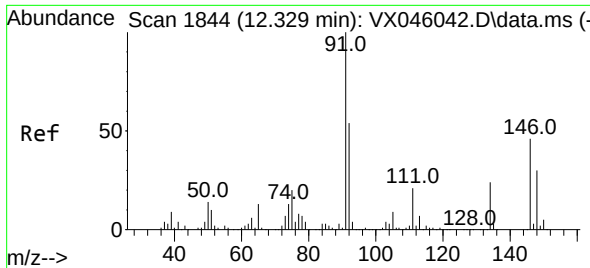
Ion Ratio Lower Upper

146 100

111 43.2 21.3 63.9

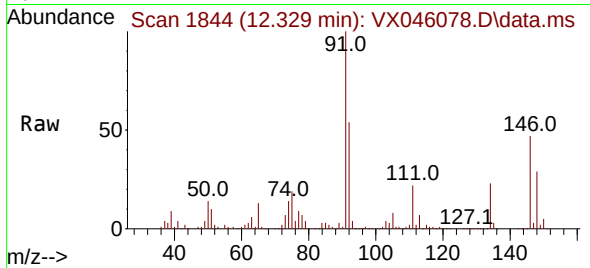
148 64.6 31.9 95.5





#89
n-Butylbenzene
Concen: 50.699 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

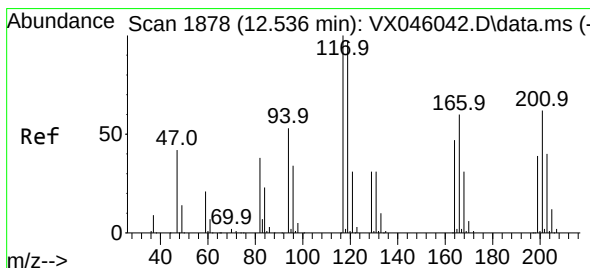
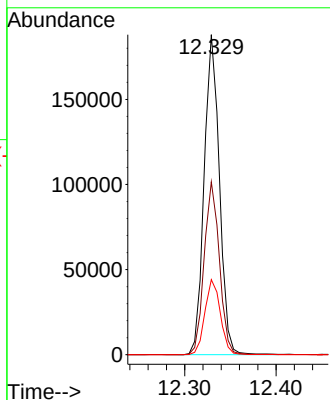
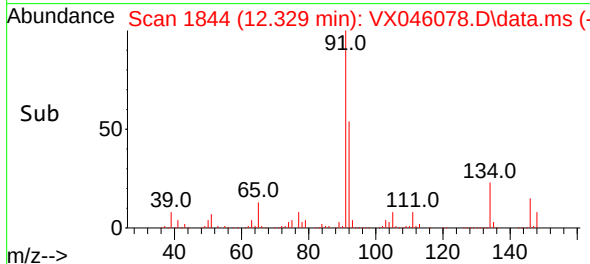
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 21719
Ion Ratio Lower Upper
91 100
92 54.1 26.9 80.7
134 23.9 11.8 35.3

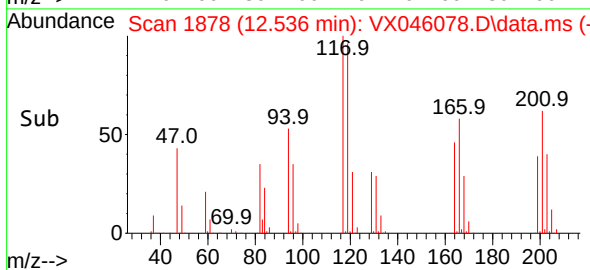
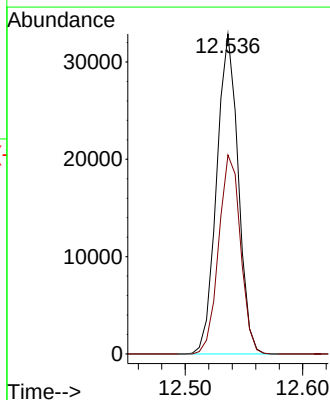
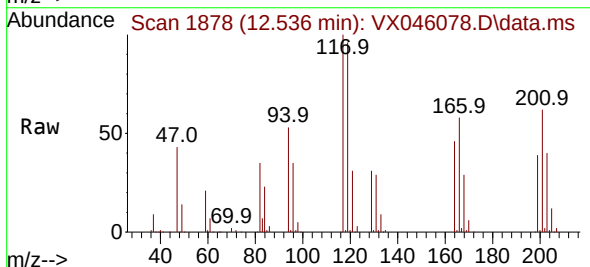
Manual Integrations
APPROVED

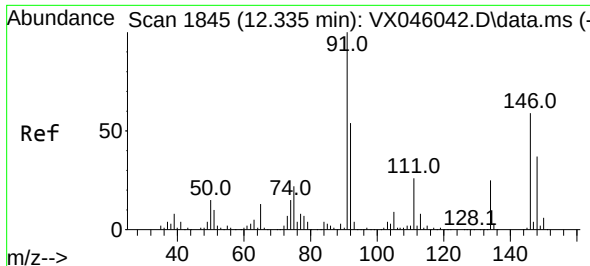
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#90
Hexachloroethane
Concen: 48.677 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

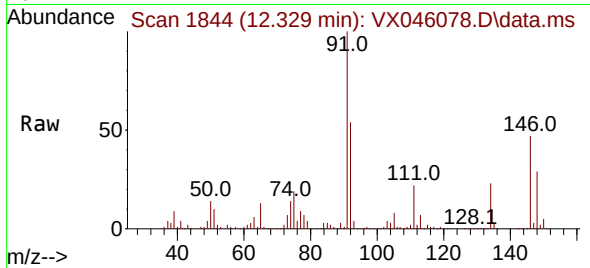
Tgt Ion:117 Resp: 41883
Ion Ratio Lower Upper
117 100
201 63.1 31.6 94.7





#91
1,2-Dichlorobenzene
Concen: 46.645 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

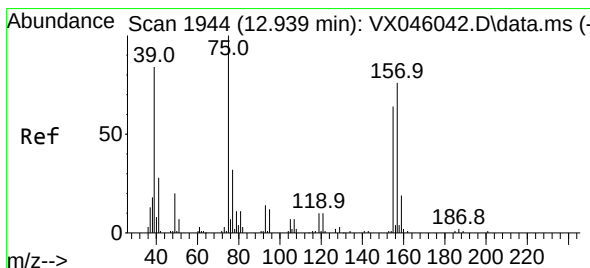
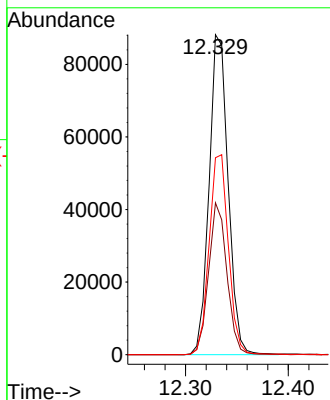
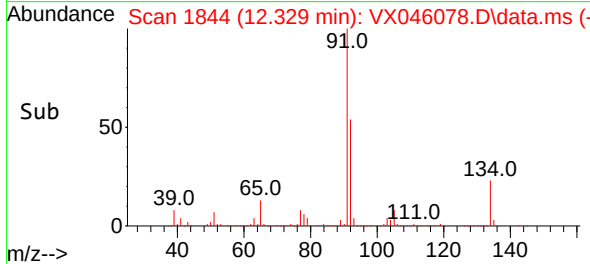
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 11356
Ion Ratio Lower Upper
146 100
111 45.8 22.4 67.3
148 63.6 31.6 94.8

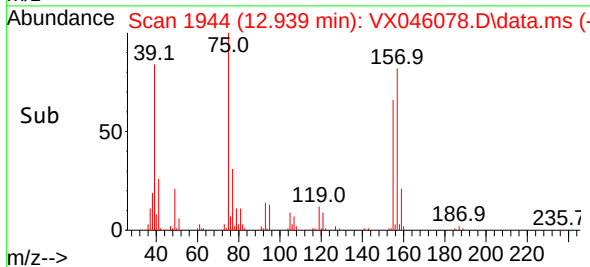
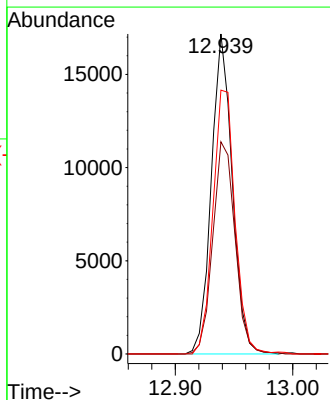
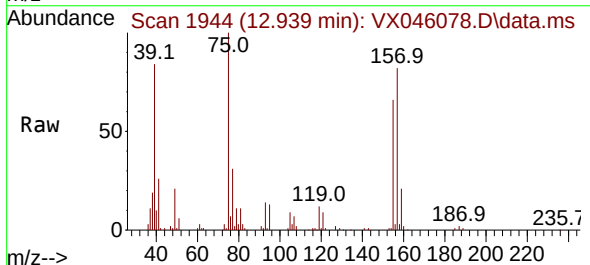
Manual Integrations
APPROVED

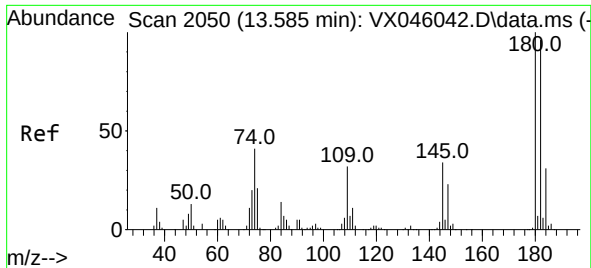
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.926 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Tgt Ion: 75 Resp: 21306
Ion Ratio Lower Upper
75 100
155 70.5 34.9 104.8
157 87.3 43.8 131.4





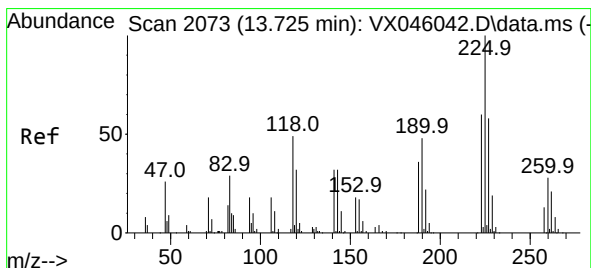
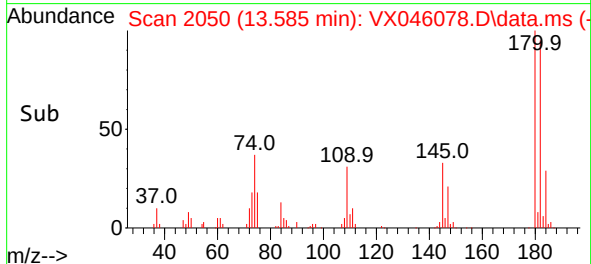
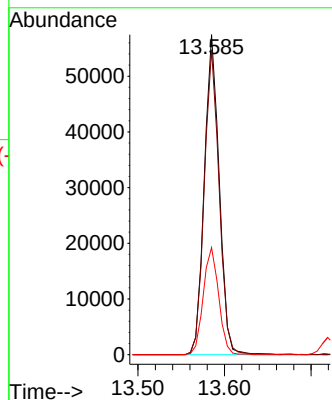
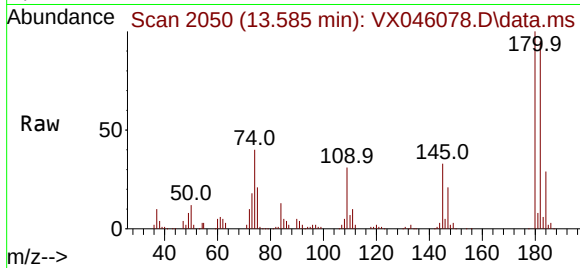
#93
1,2,4-Trichlorobenzene
Concen: 49.033 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 68569
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.8
145 34.6 17.1 51.2

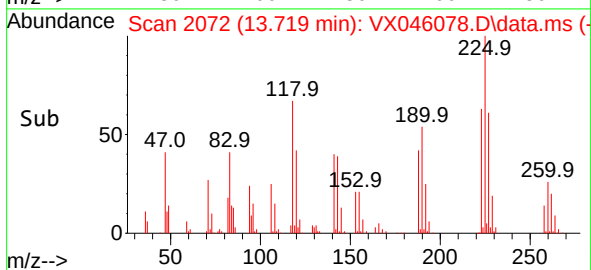
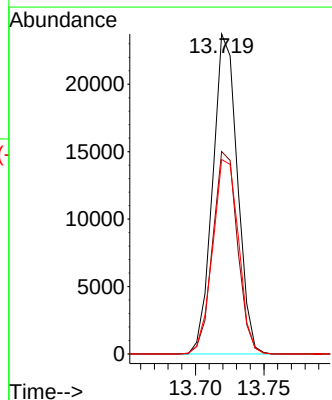
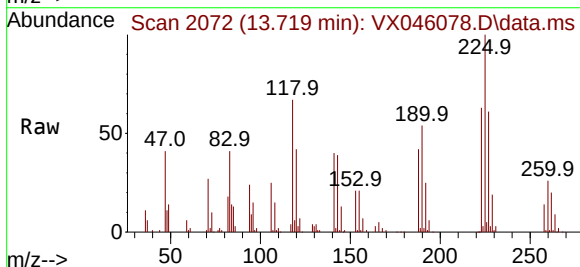
Manual Integrations
APPROVED

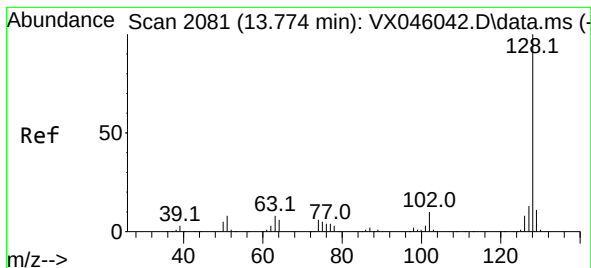
Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#94
Hexachlorobutadiene
Concen: 48.535 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

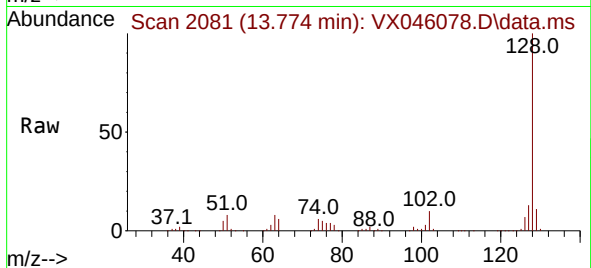
Tgt Ion:225 Resp: 29643
Ion Ratio Lower Upper
225 100
223 63.5 30.8 92.4
227 63.9 30.9 92.7





#95
Naphthalene
Concen: 46.620 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05

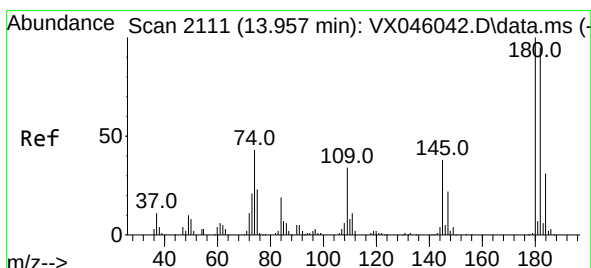
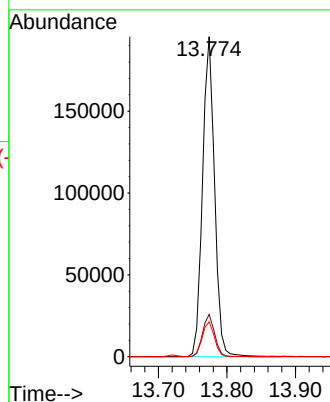
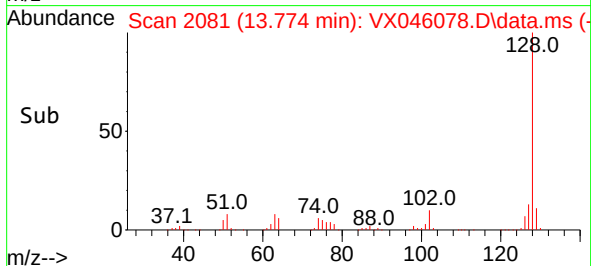
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



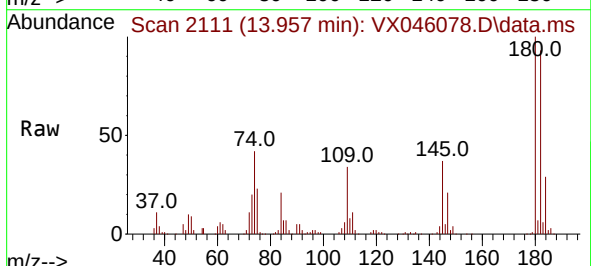
Tgt Ion:128 Resp: 239114
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2025
Supervised By :Mahesh Dadoda 05/09/2025



#96
1,2,3-Trichlorobenzene
Concen: 47.508 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX046078.D
Acq: 08 May 2025 10:05



Tgt Ion:180 Resp: 68552
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 36.3 18.1 54.3

