

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061925\
 Data File : VX046758.D
 Acq On : 19 Jun 2025 09:43
 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 06/20/2025
 Supervised By : Mahesh Dadoda 06/21/2025

Quant Time: Jun 20 05:14:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	137182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	224265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	197740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87638	46.187	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.380%		
35) Dibromofluoromethane	5.391	113	73413	49.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	8.647	98	261576	49.067	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.140%		
62) 4-Bromofluorobenzene	11.079	95	97021	48.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	77571	52.964	ug/l	99
3) Chloromethane	1.307	50	81669	51.662	ug/l	96
4) Vinyl Chloride	1.386	62	87898	52.141	ug/l	96
5) Bromomethane	1.624	94	52745	55.612	ug/l	94
6) Chloroethane	1.703	64	53086	51.957	ug/l	98
7) Trichlorofluoromethane	1.904	101	131261	51.280	ug/l	99
8) Diethyl Ether	2.142	74	44511	50.670	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	81171	51.691	ug/l	98
10) Methyl Iodide	2.465	142	94903	48.429	ug/l	99
11) Tert butyl alcohol	2.947	59	26783	157.262	ug/l	100
12) 1,1-Dichloroethene	2.337	96	78427	51.759	ug/l	97
13) Acrolein	2.245	56	50116	202.026	ug/l	98
14) Allyl chloride	2.678	41	136507	49.722	ug/l	99
15) Acrylonitrile	3.068	53	162714	212.474	ug/l	99
16) Acetone	2.380	43	127043	200.776	ug/l	99
17) Carbon Disulfide	2.526	76	218810	47.820	ug/l	99
18) Methyl Acetate	2.709	43	65851	40.975	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	215275	45.628	ug/l	100
20) Methylene Chloride	2.800	84	84742	48.158	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	80577	49.698	ug/l	96
22) Diisopropyl ether	3.763	45	269978	51.162	ug/l	97
23) Vinyl Acetate	3.727	43	1003345	239.105	ug/l	100
24) 1,1-Dichloroethane	3.623	63	148260	49.484	ug/l	100
25) 2-Butanone	4.556	43	180589m	201.795	ug/l	
26) 2,2-Dichloropropane	4.483	77	112913	51.672	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	94126	49.415	ug/l	99
28) Bromochloromethane	4.904	49	65263	48.047	ug/l	100
29) Tetrahydrofuran	5.007	42	116160	200.958	ug/l	99
30) Chloroform	5.099	83	149922	50.036	ug/l	95
31) Cyclohexane	5.477	56	139626	49.142	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	128769	49.003	ug/l	100
36) 1,1-Dichloropropene	5.702	75	106011	49.493	ug/l	99
37) Ethyl Acetate	4.715	43	79324	40.121	ug/l	99
38) Carbon Tetrachloride	5.684	117	115565	49.715	ug/l	98
39) Methylcyclohexane	7.379	83	140502	49.848	ug/l	96
40) Benzene	6.044	78	317423	50.074	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47871	45.417	ug/l	95
42) 1,2-Dichloroethane	6.086	62	107931	48.452	ug/l	99
43) Isopropyl Acetate	6.336	43	132833	42.935	ug/l	99
44) Trichloroethene	7.129	130	80127	49.599	ug/l	96
45) 1,2-Dichloropropane	7.427	63	79156	50.385	ug/l	95
46) Dibromomethane	7.580	93	53399	47.295	ug/l	99
47) Bromodichloromethane	7.818	83	116822	50.703	ug/l	100
48) Methyl methacrylate	7.690	41	70314	45.316	ug/l	99
49) 1,4-Dioxane	7.659	88	15950	714.909	ug/l	96
51) 4-Methyl-2-Pentanone	8.568	43	379704	205.777	ug/l	100
52) Toluene	8.714	92	196587	50.025	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	107788	50.420	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	122151	50.333	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	69729	47.614	ug/l	98
56) Ethyl methacrylate	9.116	69	99225	45.899	ug/l	100
57) 1,3-Dichloropropane	9.305	76	122083	48.408	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	279394	248.797	ug/l	100
59) 2-Hexanone	9.427	43	257015	201.475	ug/l	100
60) Dibromochloromethane	9.519	129	84603	49.021	ug/l	99
61) 1,2-Dibromoethane	9.610	107	70987	47.653	ug/l	100
64) Tetrachloroethene	9.275	164	67934	49.587	ug/l	98
65) Chlorobenzene	10.073	112	215423	49.352	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	73797	50.304	ug/l	100
67) Ethyl Benzene	10.189	91	379202	49.719	ug/l	100
68) m/p-Xylenes	10.299	106	286180	100.703	ug/l	99
69) o-Xylene	10.640	106	135837	51.004	ug/l	99
70) Styrene	10.652	104	235709	50.573	ug/l	100
71) Bromoform	10.799	173	51917	46.470	ug/l #	100
73) Isopropylbenzene	10.957	105	362998	50.881	ug/l	100
74) N-amyl acetate	10.841	43	120822	44.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90340	45.350	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	74859m	42.194	ug/l	
77) Bromobenzene	11.195	156	86326	50.284	ug/l	98
78) n-propylbenzene	11.299	91	434668	51.296	ug/l	100
79) 2-Chlorotoluene	11.360	91	250583	49.529	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	294565	50.244	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27012	43.036	ug/l	98
82) 4-Chlorotoluene	11.451	91	294491	49.875	ug/l	100
83) tert-Butylbenzene	11.713	119	302344	49.891	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	298590	50.692	ug/l	100
85) sec-Butylbenzene	11.890	105	389381	50.841	ug/l	99
86) p-Isopropyltoluene	12.006	119	324490	50.214	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	161807	48.338	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	164023	47.705	ug/l	98
89) n-Butylbenzene	12.329	91	310154	50.550	ug/l	100
90) Hexachloroethane	12.536	117	55264	48.837	ug/l	96
91) 1,2-Dichlorobenzene	12.329	146	154832	49.496	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15868	40.348	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	107660	48.410	ug/l	98
94) Hexachlorobutadiene	13.719	225	46034	49.207	ug/l	99
95) Naphthalene	13.774	128	286491	45.216	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	103088	48.453	ug/l	99

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QLast Update : Wed Jun 18 03:09:16 2025
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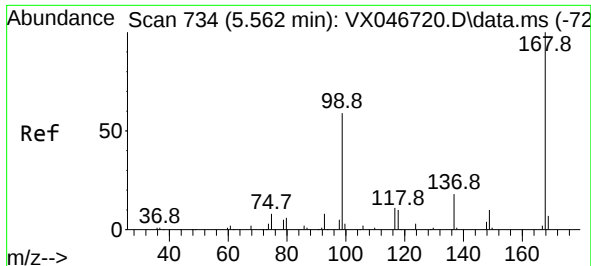
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

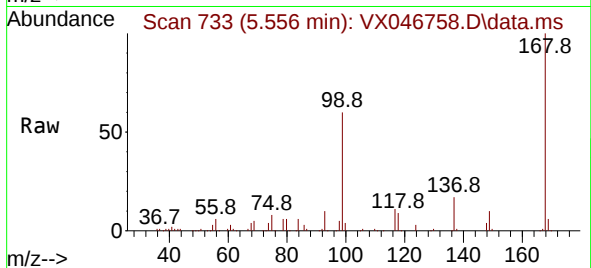
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046758.D
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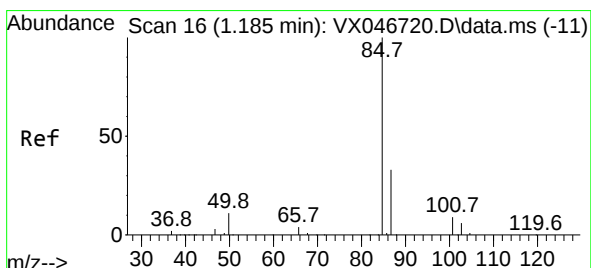
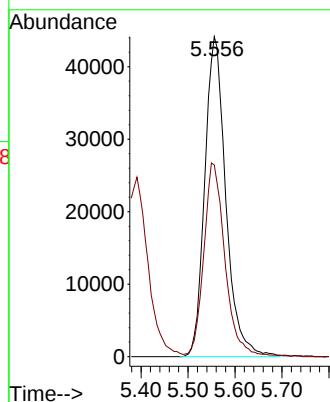
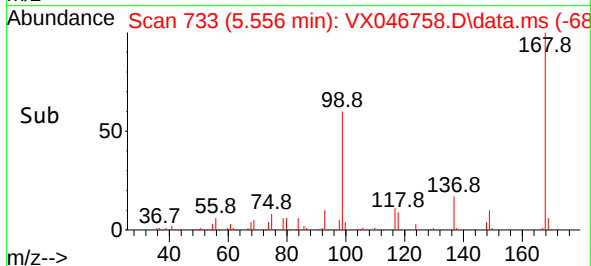
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 13718
Ion Ratio Lower Upper
168 100
99 59.5 48.5 72.7

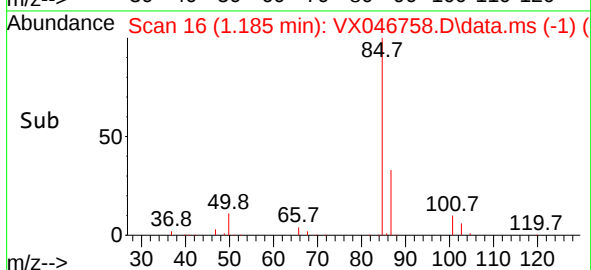
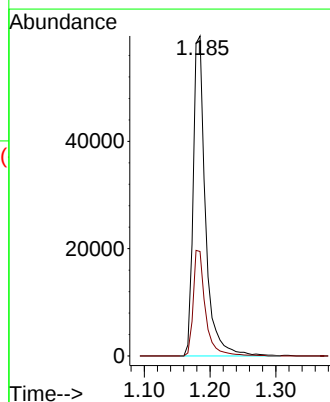
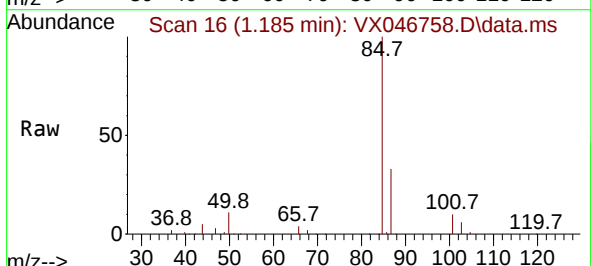
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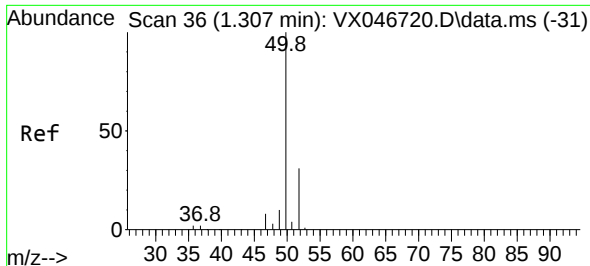
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#2
Dichlorodifluoromethane
Concen: 52.964 ug/l
RT: 1.185 min Scan# 16
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 85 Resp: 77571
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.8





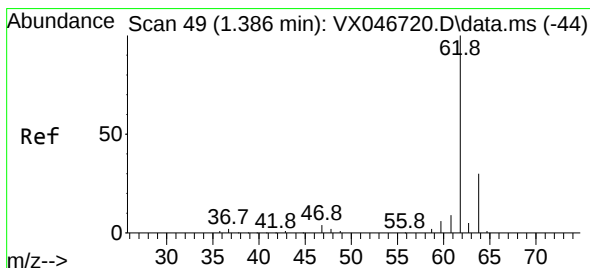
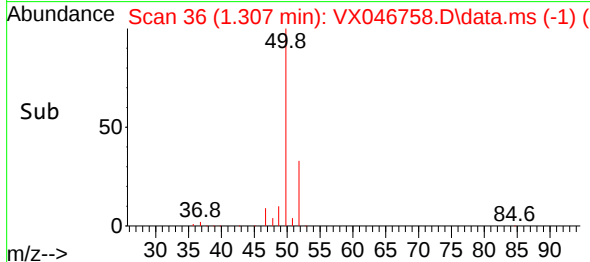
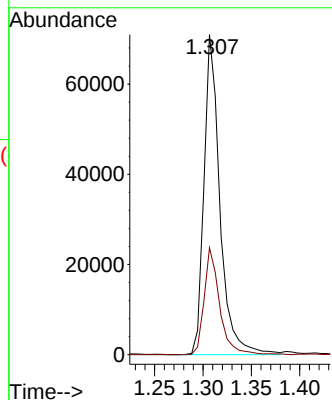
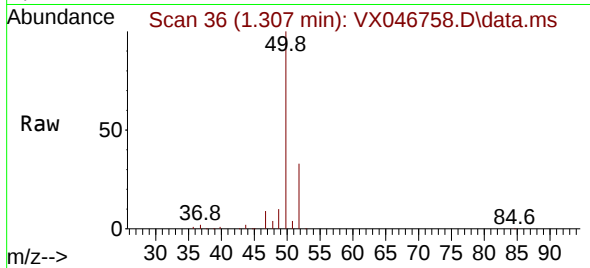
#3
Chloromethane
Concen: 51.662 ug/l
RT: 1.307 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
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Tgt Ion: 50 Resp: 81669
Ion Ratio Lower Upper
50 100
52 33.4 24.9 37.3

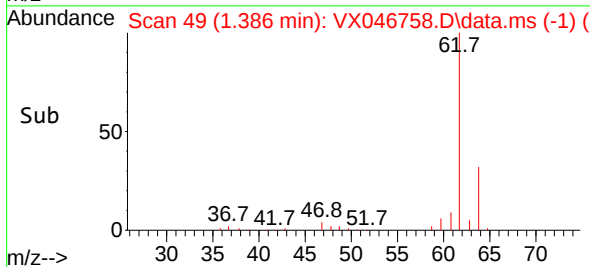
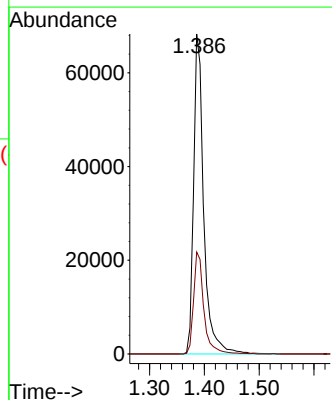
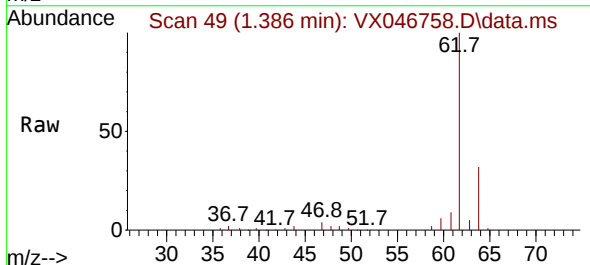
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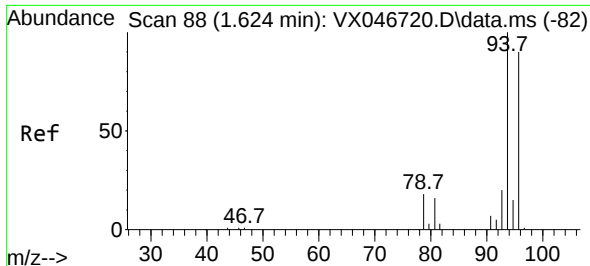
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#4
Vinyl Chloride
Concen: 52.141 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

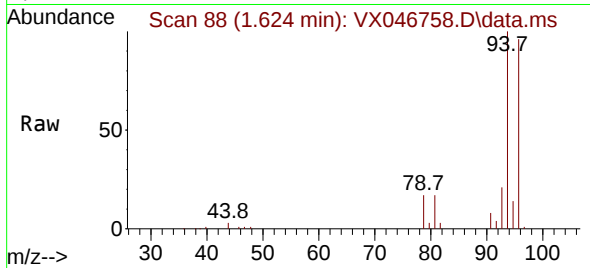
Tgt Ion: 62 Resp: 87898
Ion Ratio Lower Upper
62 100
64 31.8 23.9 35.9





#5
Bromomethane
Concen: 55.612 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

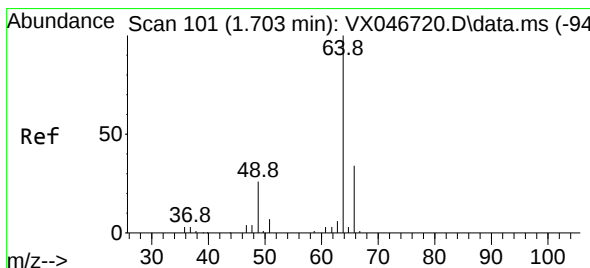
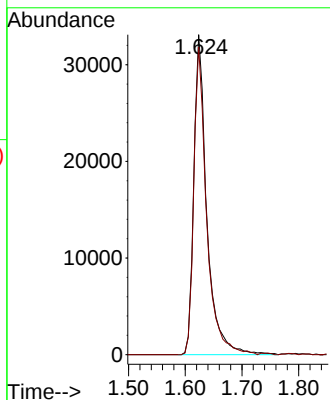
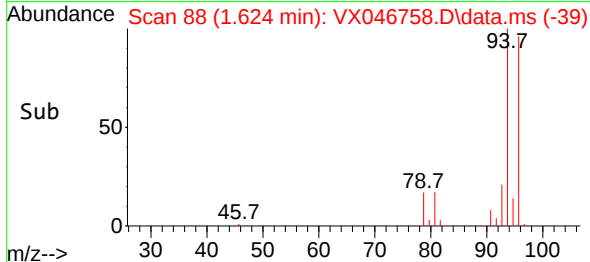
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 52745
Ion Ratio Lower Upper
94 100
96 96.1 72.3 108.5

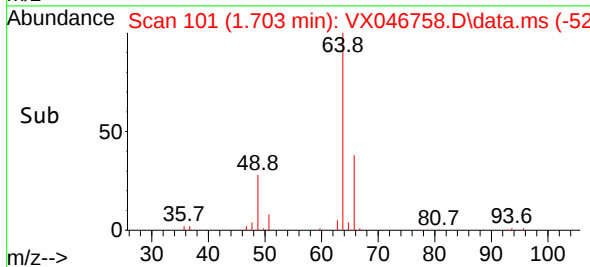
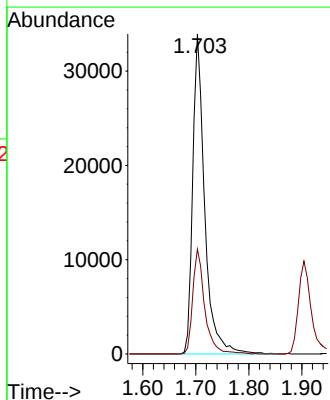
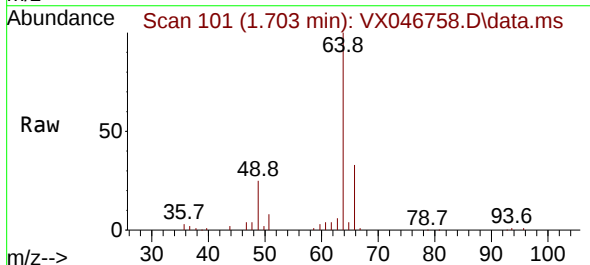
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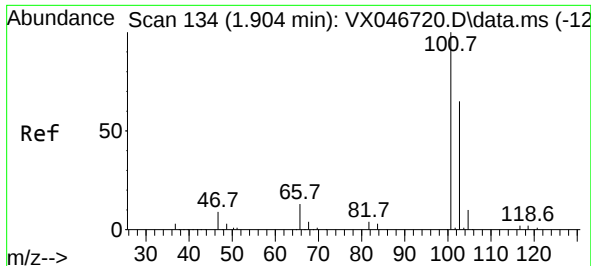
Reviewed By :John Carlone 06/20/2025
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#6
Chloroethane
Concen: 51.957 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
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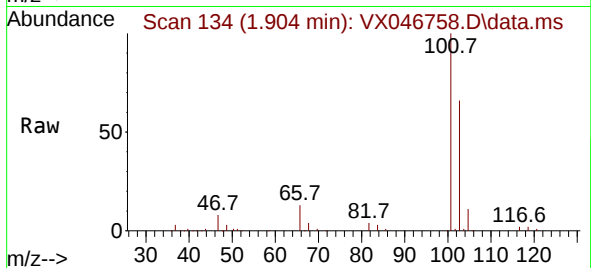
Tgt Ion: 64 Resp: 53086
Ion Ratio Lower Upper
64 100
66 32.8 27.1 40.7





#7
Trichlorofluoromethane
Concen: 51.280 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046758.D
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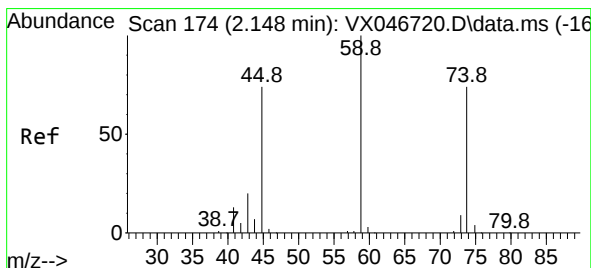
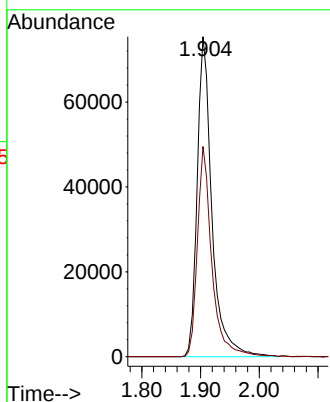
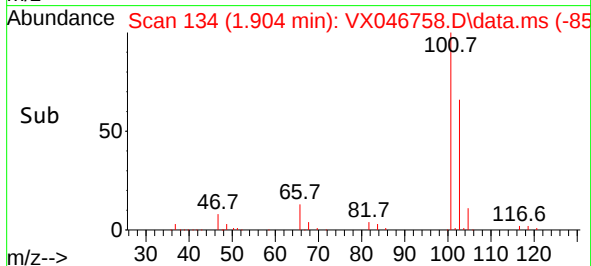
Instrument :
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ClientSampleId :
VSTDCCC050



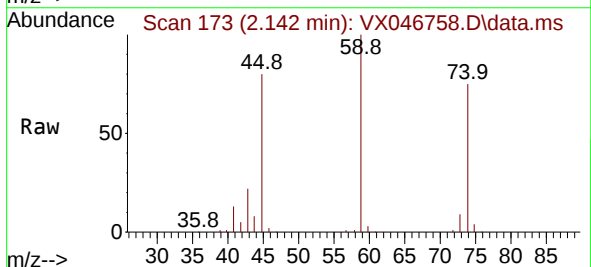
Tgt Ion:101 Resp: 13126
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.8

Manual Integrations
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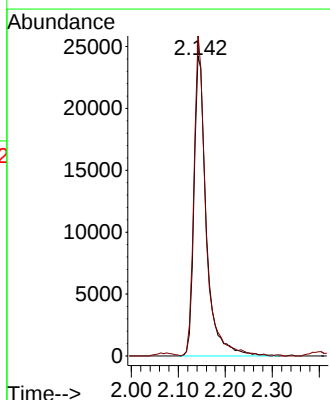
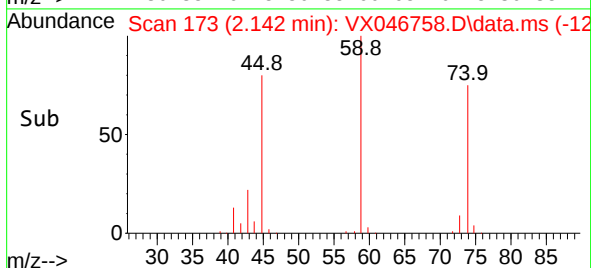
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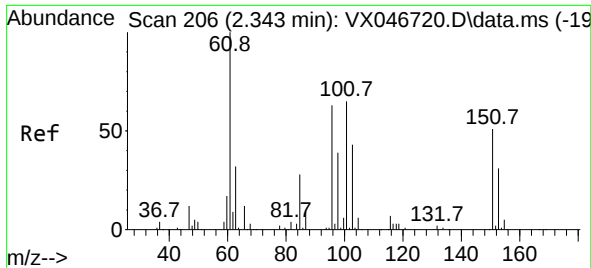


#8
Diethyl Ether
Concen: 50.670 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43



Tgt Ion: 74 Resp: 44511
Ion Ratio Lower Upper
74 100
45 103.6 52.3 157.1





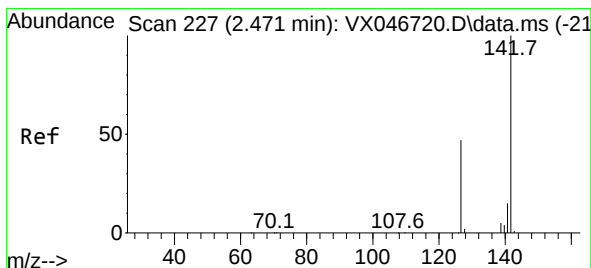
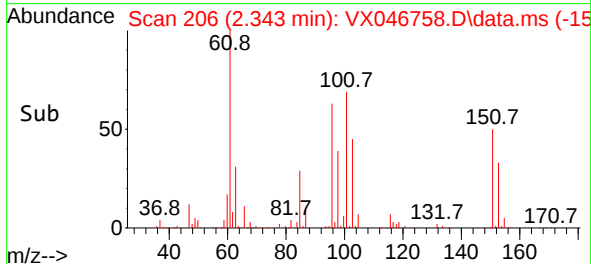
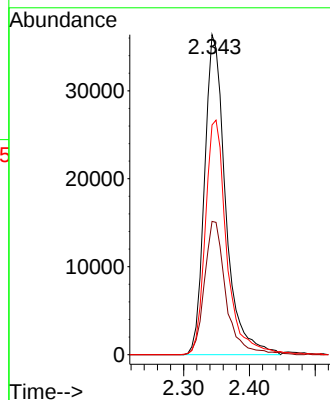
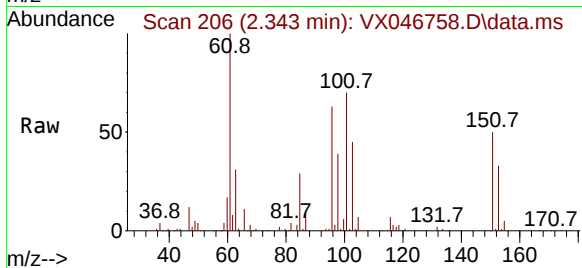
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.691 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 8117
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.0
151 74.7 61.2 91.8

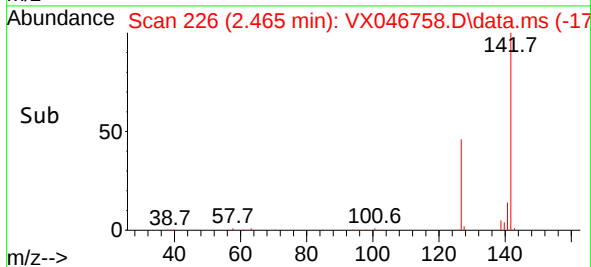
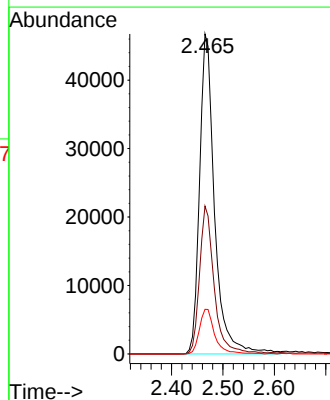
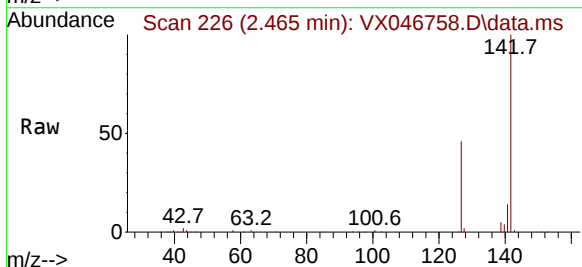
Manual Integrations
APPROVED

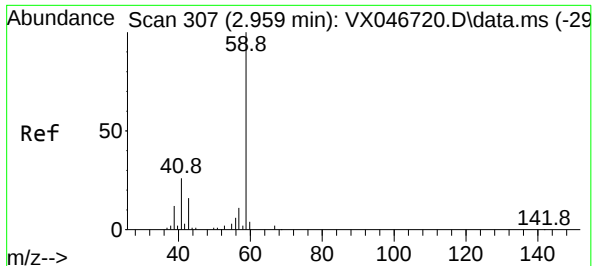
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#10
Methyl Iodide
Concen: 48.429 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

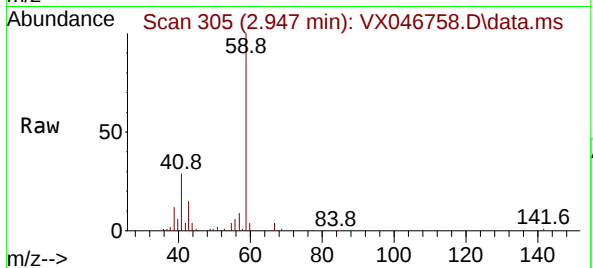
Tgt Ion:142 Resp: 94903
Ion Ratio Lower Upper
142 100
127 45.2 37.0 55.6
141 14.2 11.5 17.3





#11
Tert butyl alcohol
Concen: 157.262 ug/l
RT: 2.947 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

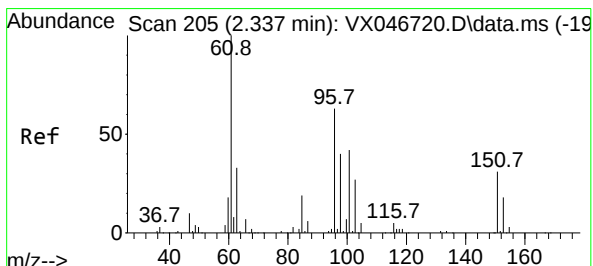
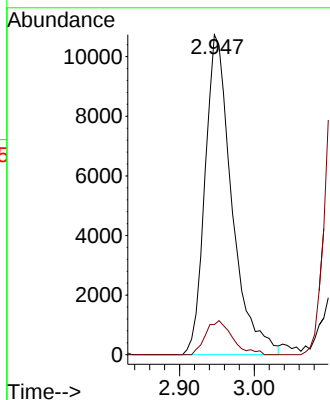
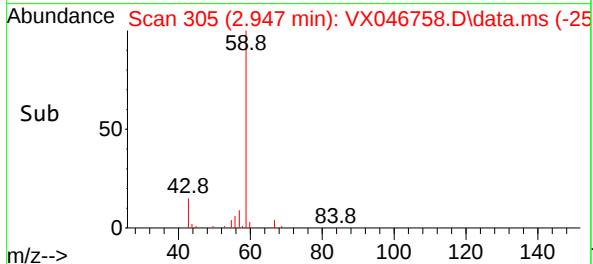
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 2678
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

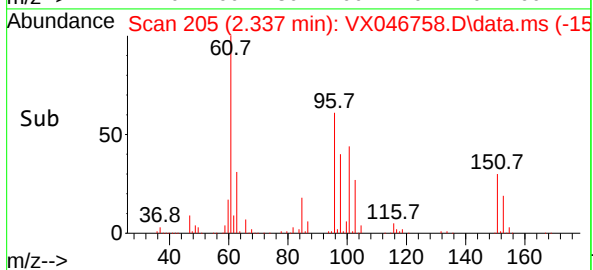
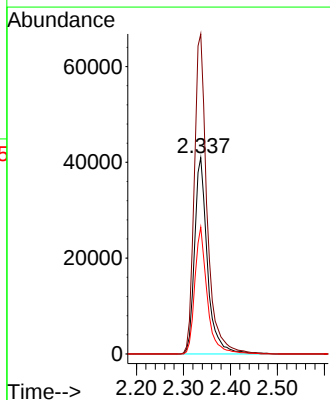
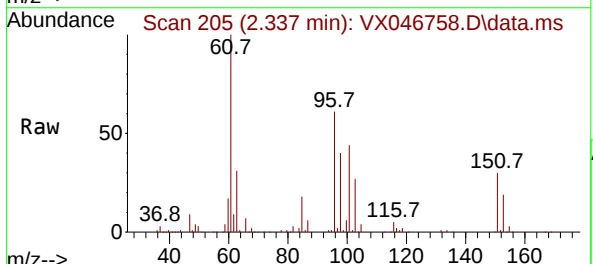
Manual Integrations
APPROVED

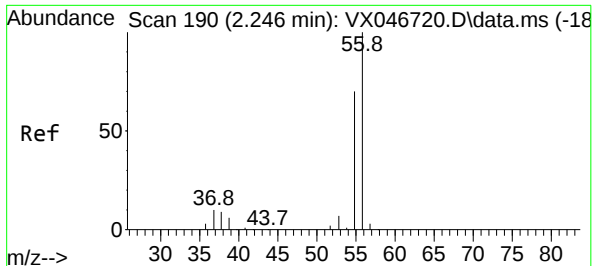
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#12
1,1-Dichloroethene
Concen: 51.759 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

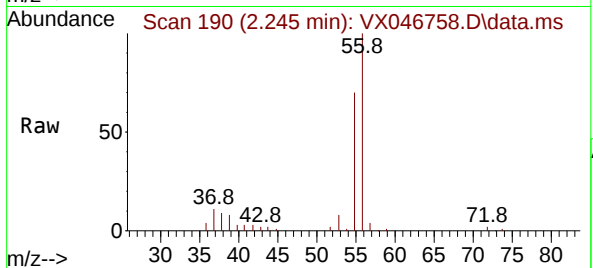
Tgt Ion: 96 Resp: 78427
Ion Ratio Lower Upper
96 100
61 163.0 126.6 189.8
98 64.7 50.7 76.1





#13
Acrolein
Concen: 202.026 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

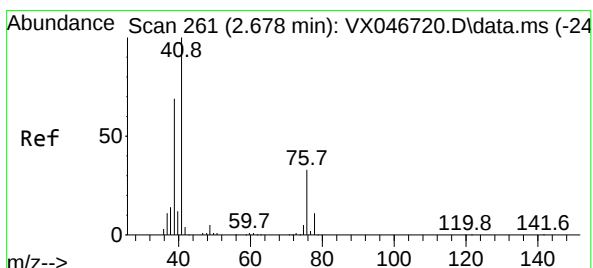
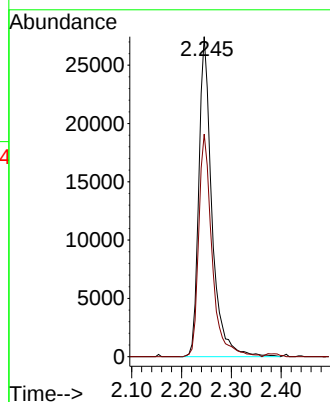
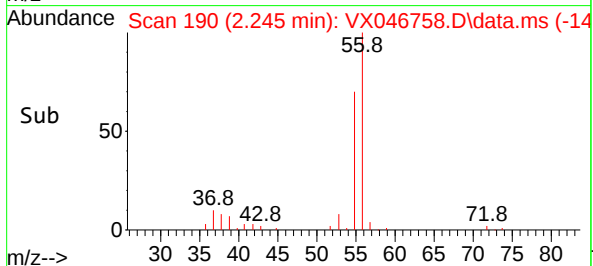
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 50110
Ion Ratio Lower Upper
56 100
55 71.0 55.2 82.8

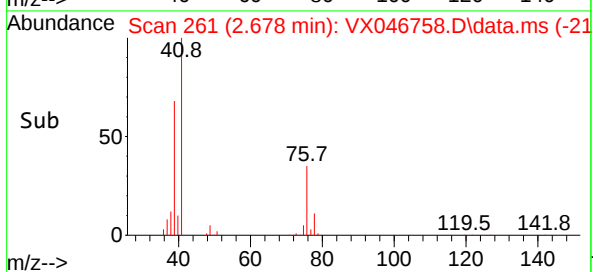
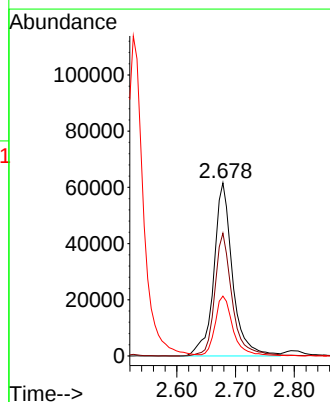
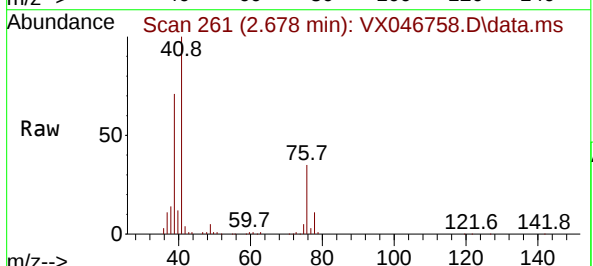
Manual Integrations
APPROVED

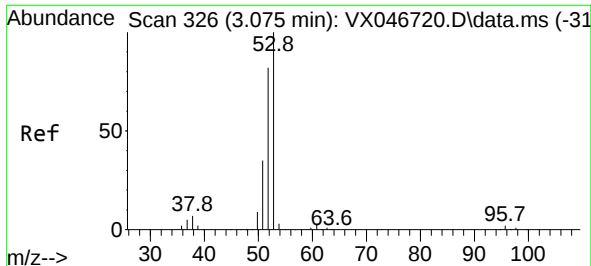
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#14
Allyl chloride
Concen: 49.722 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

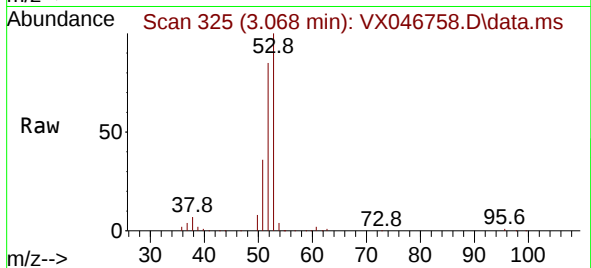
Tgt Ion: 41 Resp: 136507
Ion Ratio Lower Upper
41 100
39 66.2 53.6 80.4
76 33.3 26.8 40.2





#15
Acrylonitrile
Concen: 212.474 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

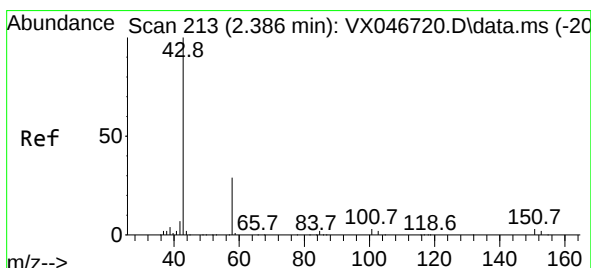
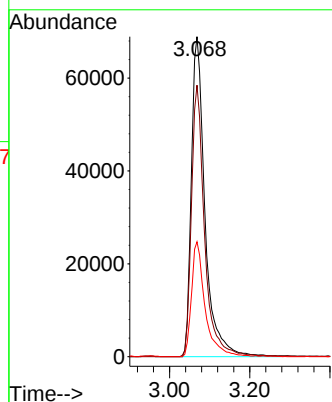
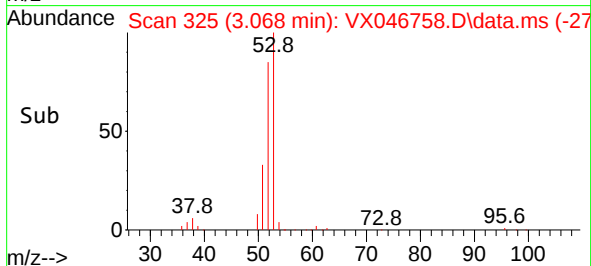
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 162714
Ion Ratio Lower Upper
53 100
52 82.0 65.1 97.7
51 35.9 28.9 43.3

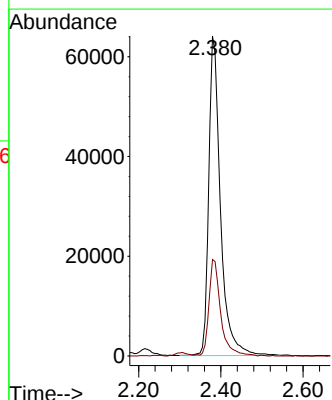
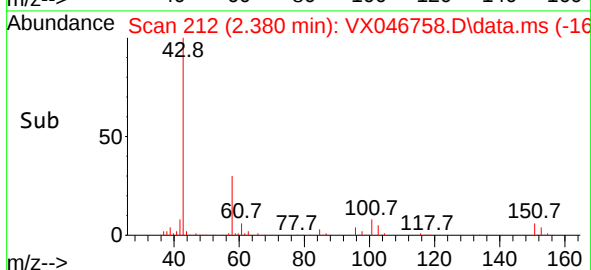
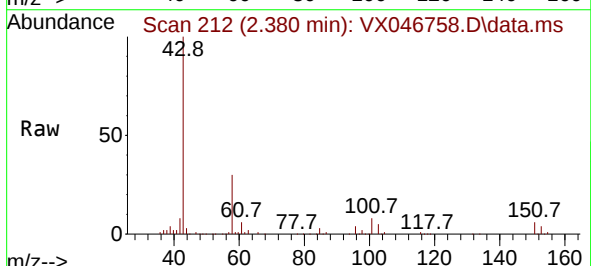
Manual Integrations
APPROVED

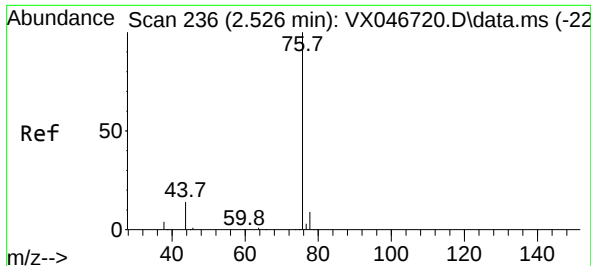
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#16
Acetone
Concen: 200.776 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 43 Resp: 127043
Ion Ratio Lower Upper
43 100
58 30.2 24.5 36.7





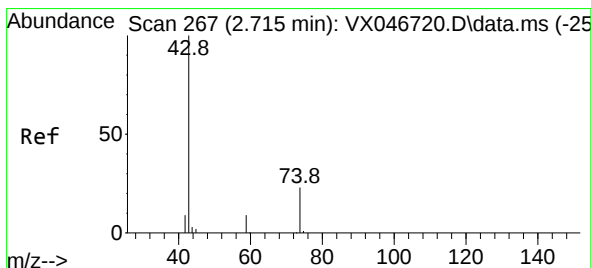
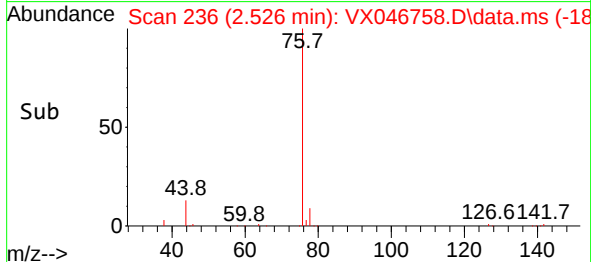
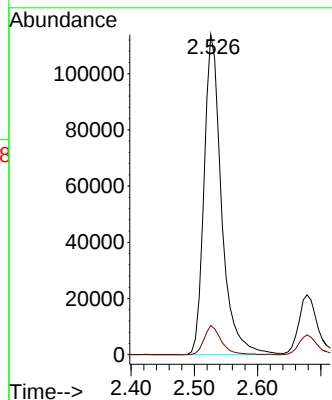
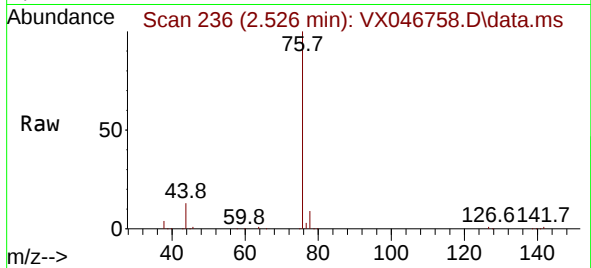
#17
Carbon Disulfide
Concen: 47.820 ug/l
RT: 2.526 min Scan# 218810
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 218810
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

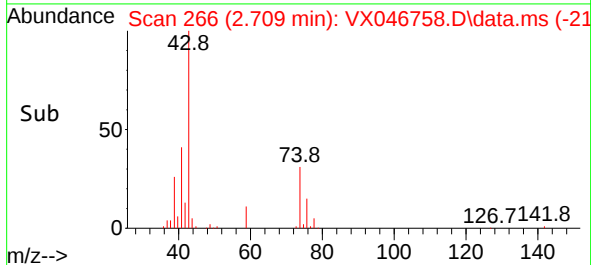
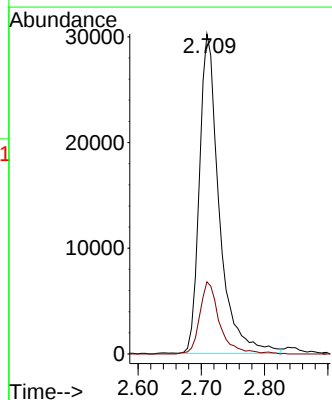
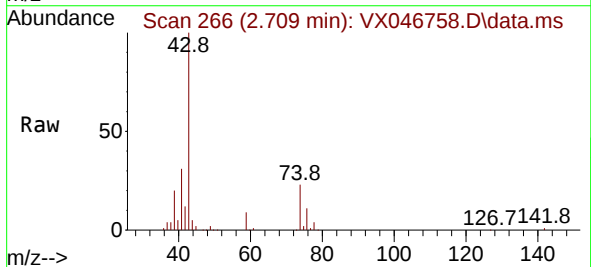
Manual Integrations
APPROVED

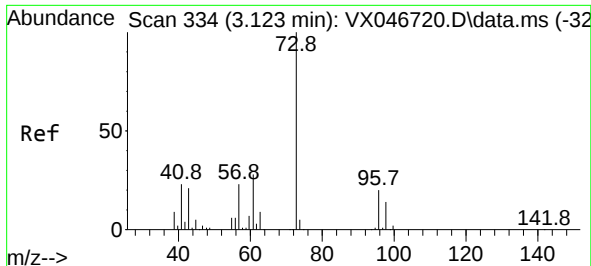
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#18
Methyl Acetate
Concen: 40.975 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

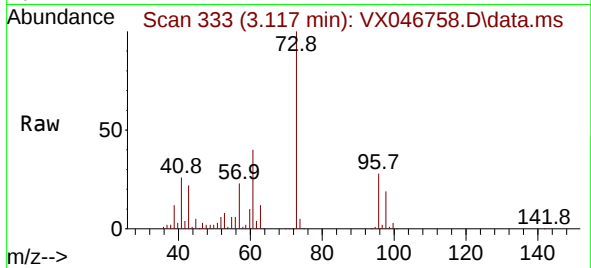
Tgt Ion: 43 Resp: 65851
Ion Ratio Lower Upper
43 100
74 22.4 18.4 27.6





#19
Methyl tert-butyl Ether
Concen: 45.628 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

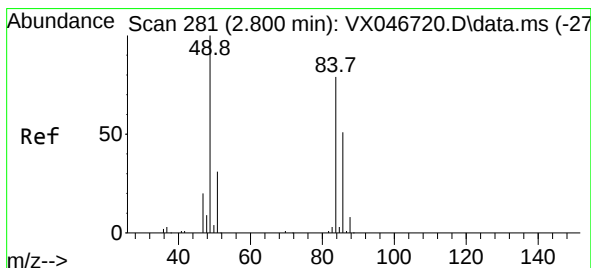
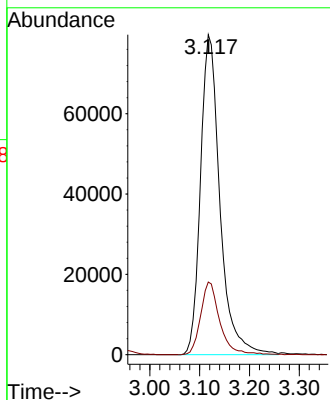
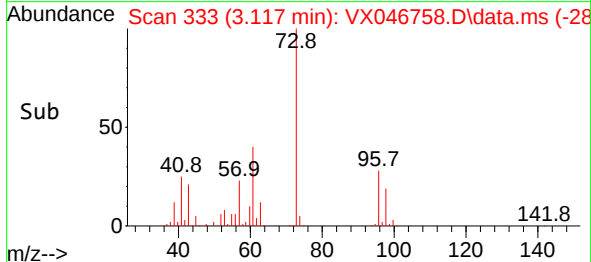
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 21527
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.2

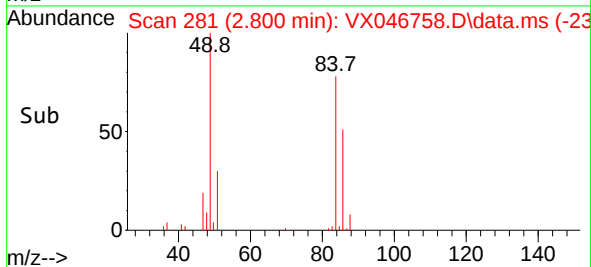
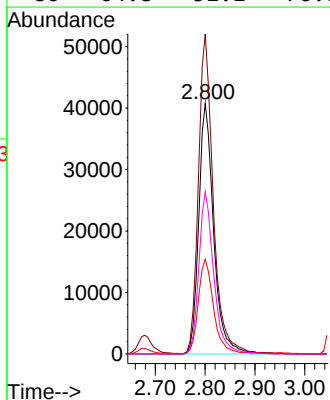
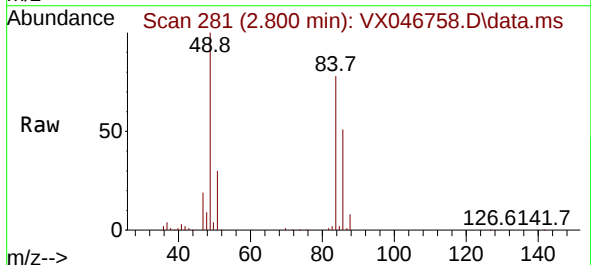
Manual Integrations
APPROVED

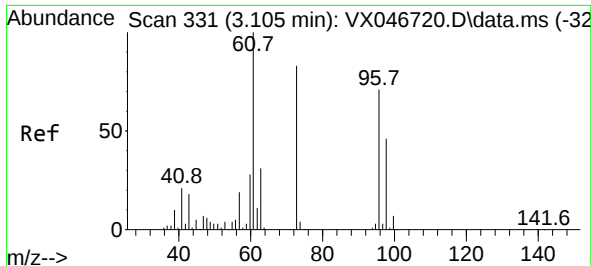
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#20
Methylene Chloride
Concen: 48.158 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

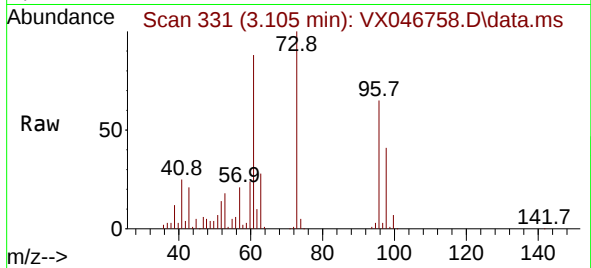
Tgt Ion: 84 Resp: 84742
Ion Ratio Lower Upper
84 100
49 127.5 101.3 151.9
51 37.8 31.0 46.6
86 64.8 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 49.698 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

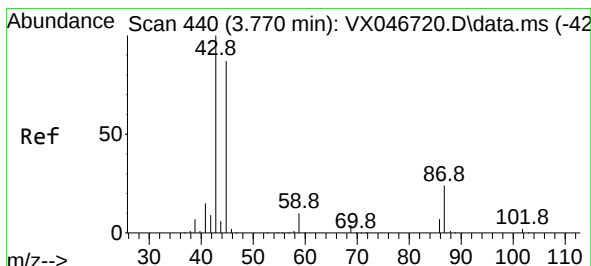
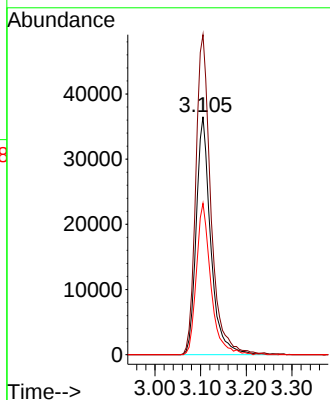
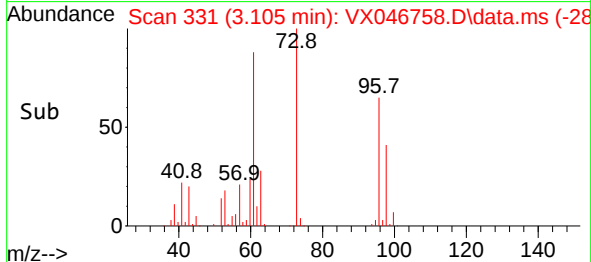
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 8057
Ion Ratio Lower Upper
96 100
61 134.5 112.5 168.7
98 63.6 51.9 77.9

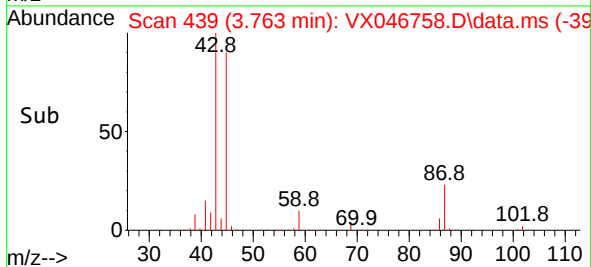
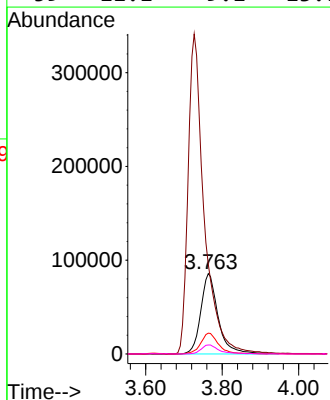
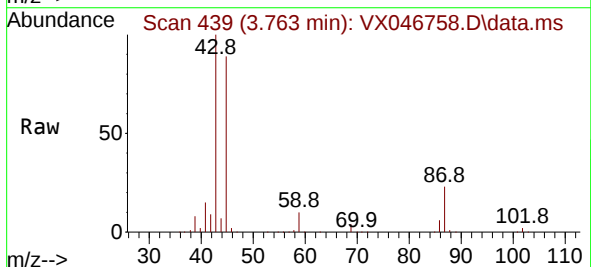
Manual Integrations
APPROVED

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



#22
Diisopropyl ether
Concen: 51.162 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 45 Resp: 269978
Ion Ratio Lower Upper
45 100
43 110.7 91.9 137.9
87 25.9 22.0 33.0
59 11.1 9.1 13.7





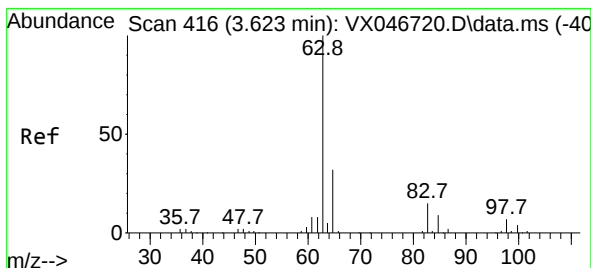
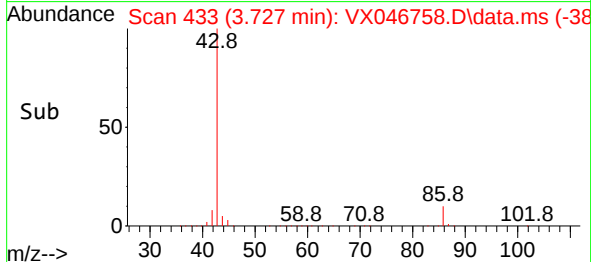
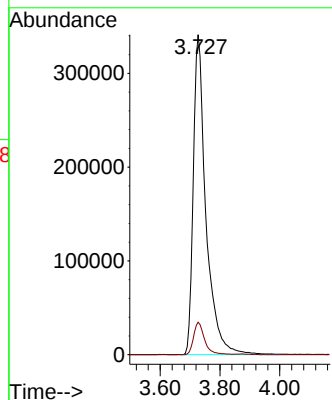
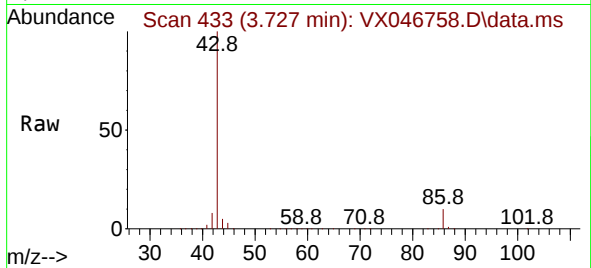
#23
 Vinyl Acetate
 Concen: 239.105 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046758.D
 Acq: 19 Jun 2025 09:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 100334
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2

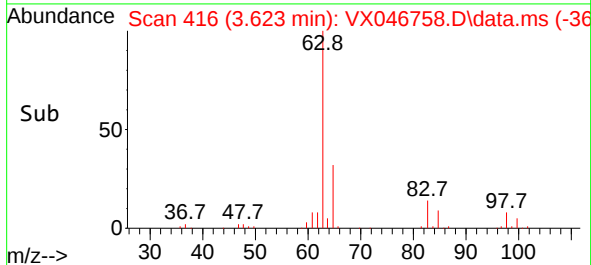
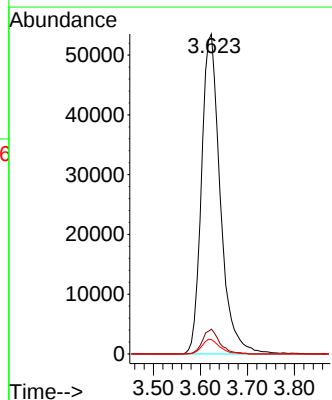
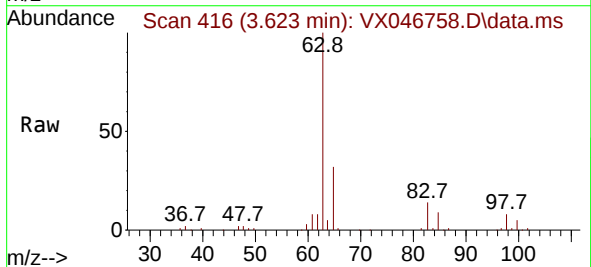
Manual Integrations
 APPROVED

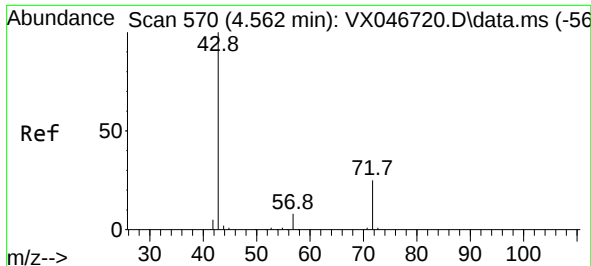
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025



#24
 1,1-Dichloroethane
 Concen: 49.484 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046758.D
 Acq: 19 Jun 2025 09:43

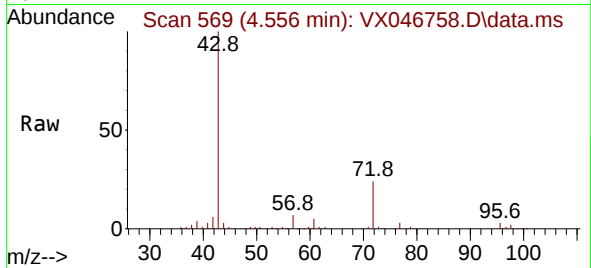
Tgt Ion: 63 Resp: 148260
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 11.9
 100 4.6 2.2 6.6





#25
2-Butanone
Concen: 201.795 ug/l m
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

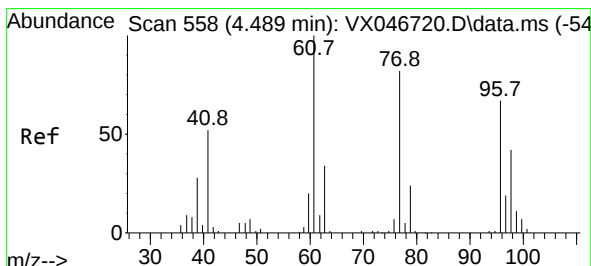
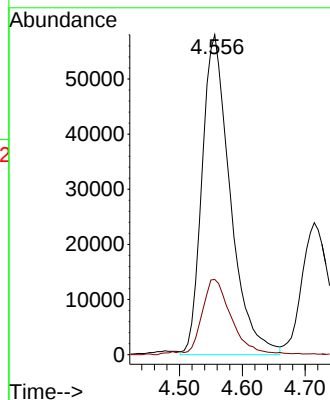
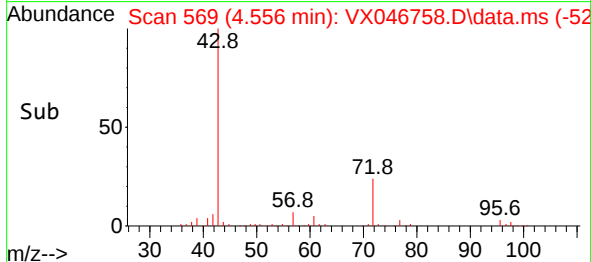
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 180589
Ion Ratio Lower Upper
43 100
72 23.5 20.2 30.4

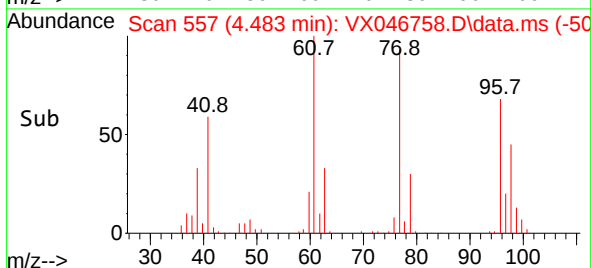
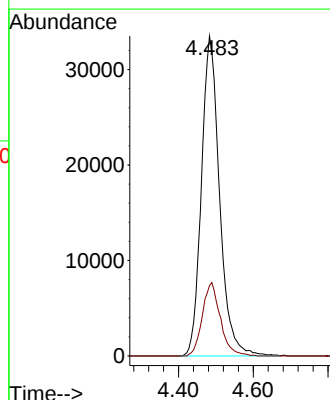
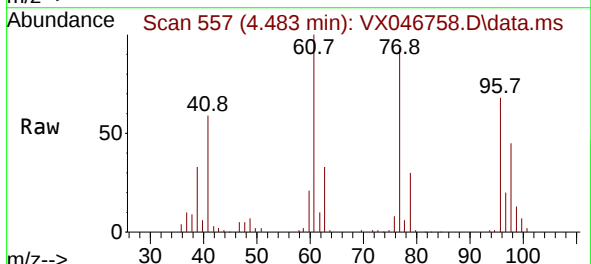
Manual Integrations
APPROVED

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



#26
2,2-Dichloropropane
Concen: 51.672 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 77 Resp: 112913
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 49.415 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 94120

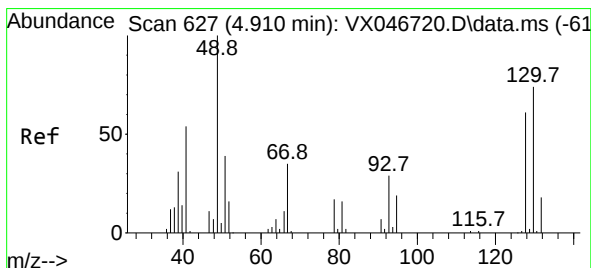
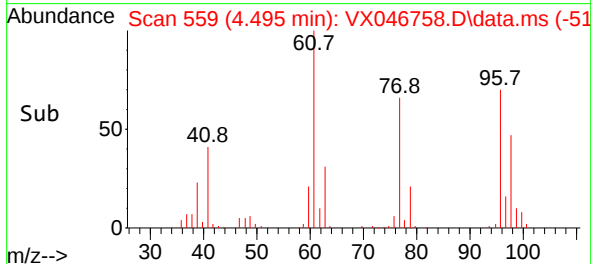
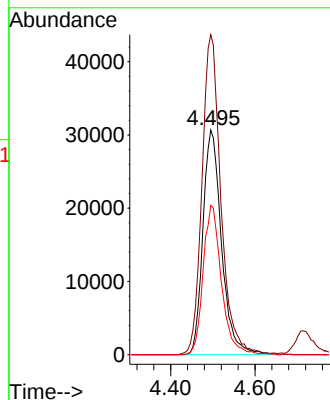
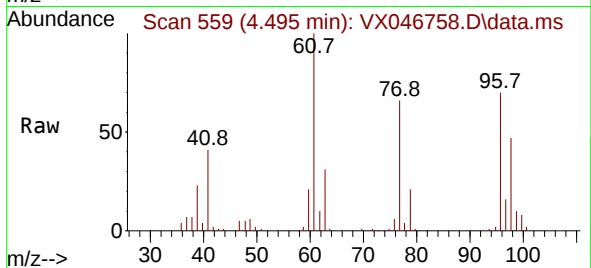
Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	291.0
98	65.4	0.0	126.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#28

Bromochloromethane

Concen: 48.047 ug/l

RT: 4.904 min Scan# 626

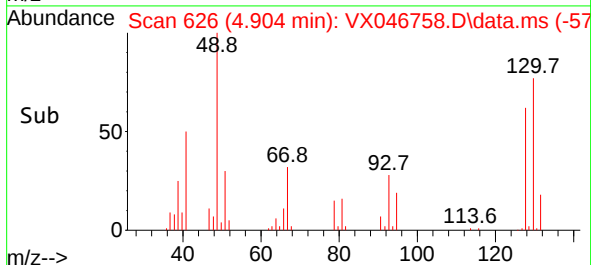
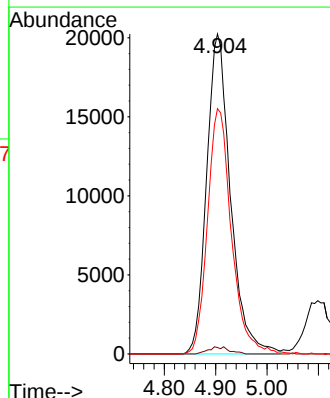
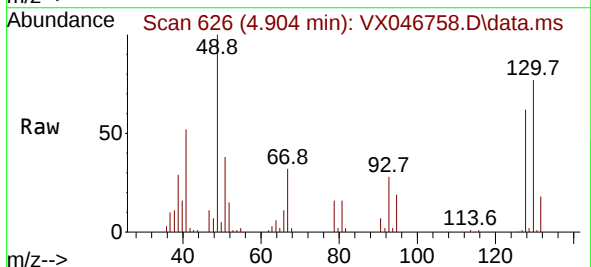
Delta R.T. -0.006 min

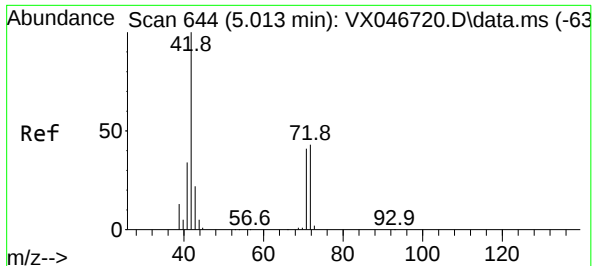
Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Tgt Ion: 49 Resp: 65263

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	76.8	61.4	92.0





#29

Tetrahydrofuran

Concen: 200.958 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 116160

Ion Ratio Lower Upper

42 100

72 42.9 34.9 52.3

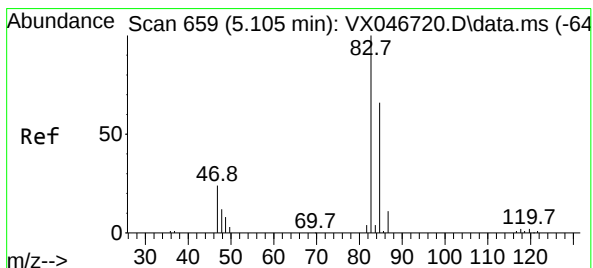
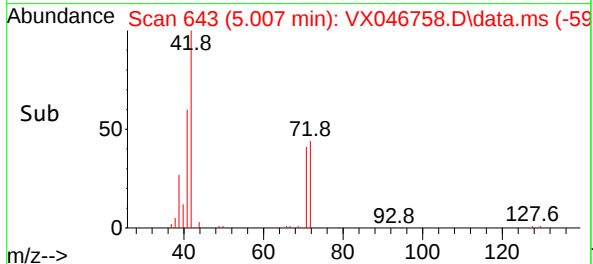
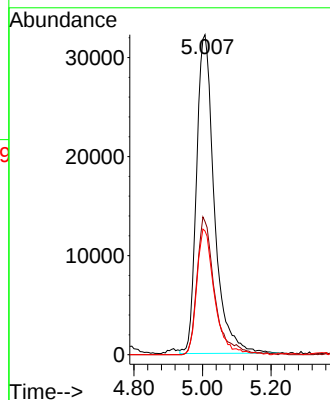
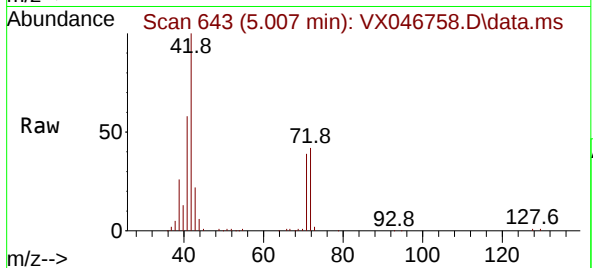
71 39.1 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#30

Chloroform

Concen: 50.036 ug/l

RT: 5.099 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX046758.D

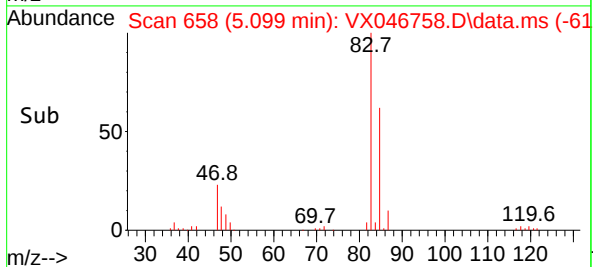
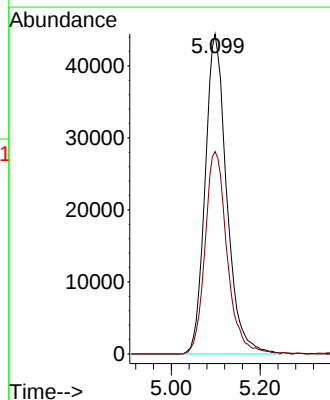
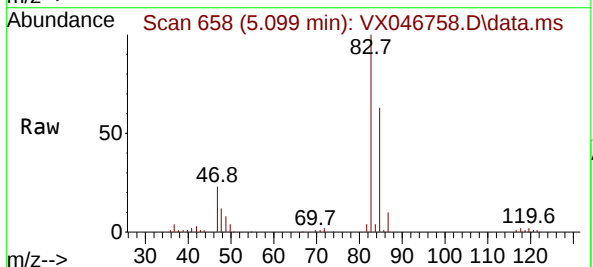
Acq: 19 Jun 2025 09:43

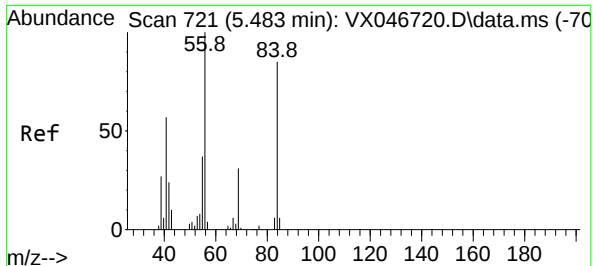
Tgt Ion: 83 Resp: 149922

Ion Ratio Lower Upper

83 100

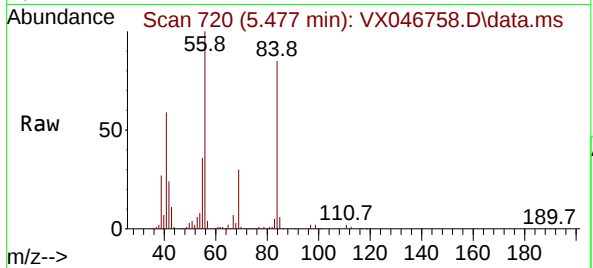
85 63.2 53.7 80.5





#31
Cyclohexane
Concen: 49.142 ug/l
RT: 5.477 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

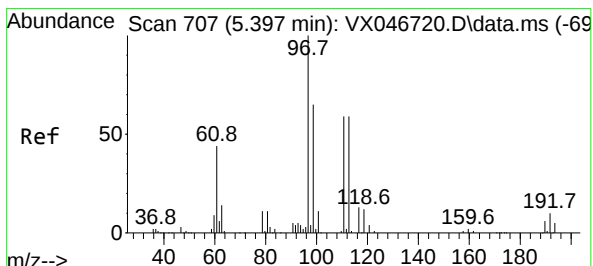
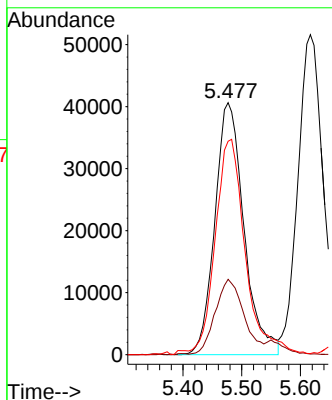
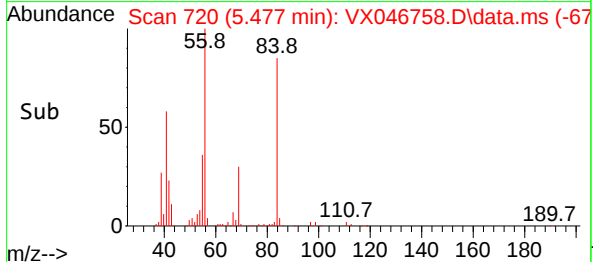
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 139620
Ion Ratio Lower Upper
56 100
69 29.6 24.8 37.2
84 82.9 68.2 102.2

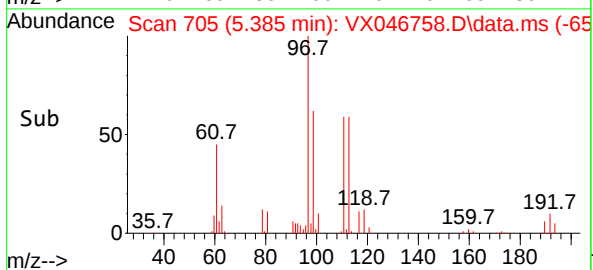
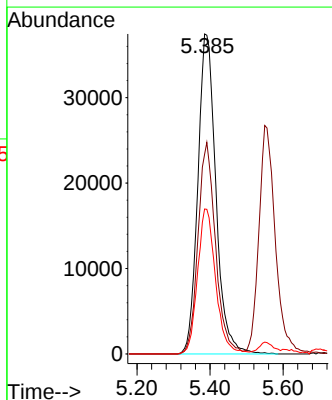
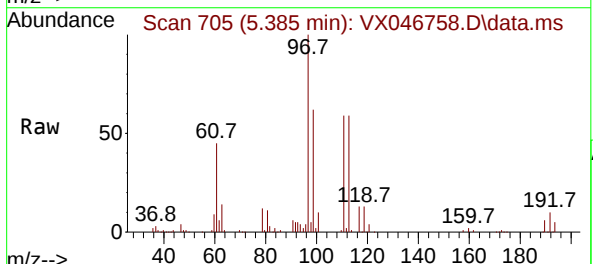
Manual Integrations
APPROVED

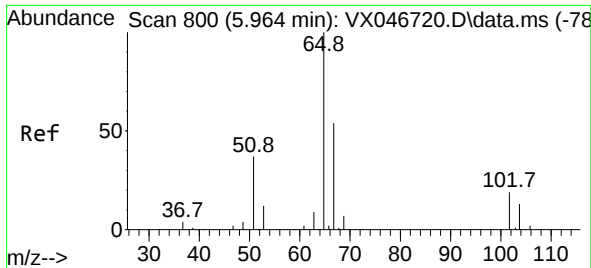
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#32
1,1,1-Trichloroethane
Concen: 49.003 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 97 Resp: 128769
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 45.4 36.4 54.6





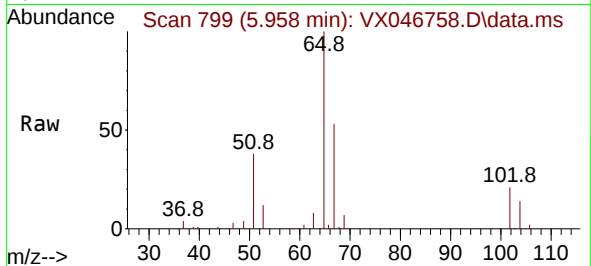
#33
 1,2-Dichloroethane-d4
 Concen: 46.187 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX046758.D
 Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

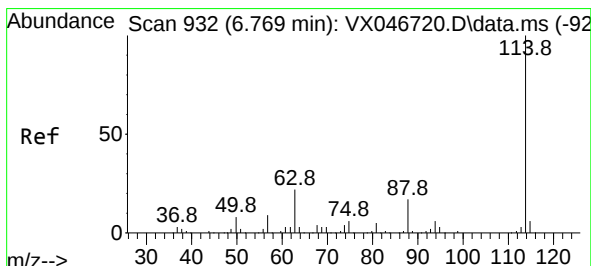
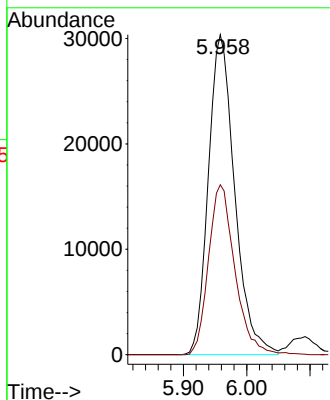
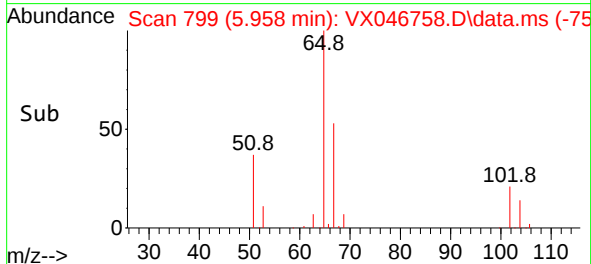


Tgt Ion: 65 Resp: 87638
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4

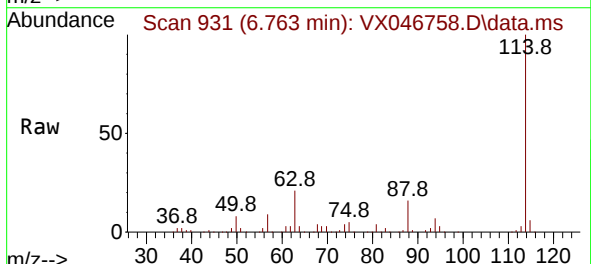
Manual Integrations

APPROVED

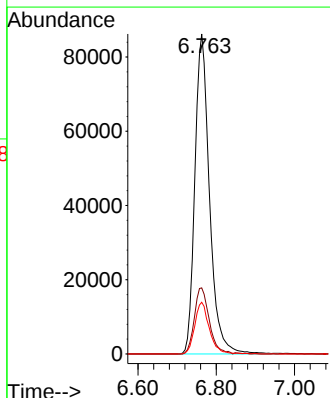
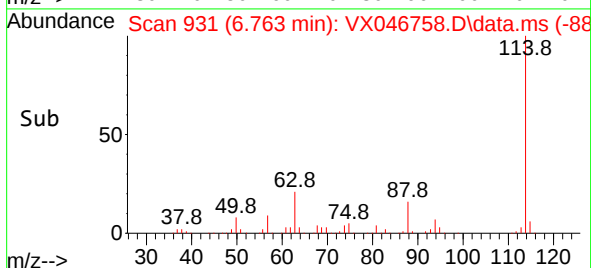
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

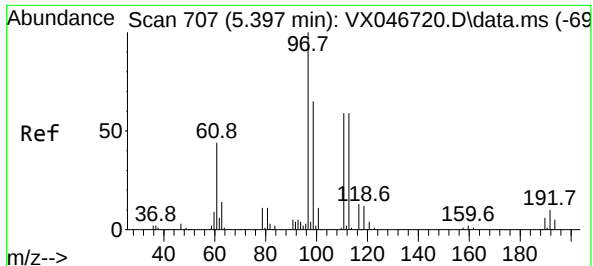


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX046758.D
 Acq: 19 Jun 2025 09:43



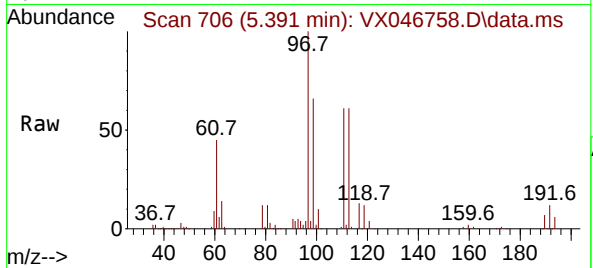
Tgt Ion:114 Resp: 224265
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 44.2
 88 16.2 0.0 33.2





#35
Dibromofluoromethane
Concen: 49.476 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

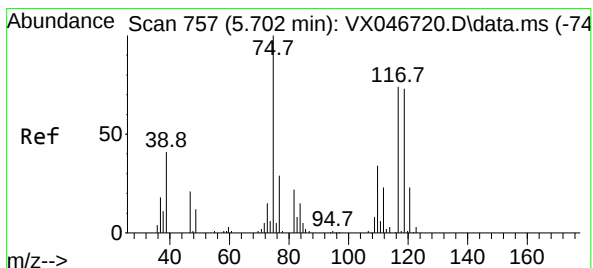
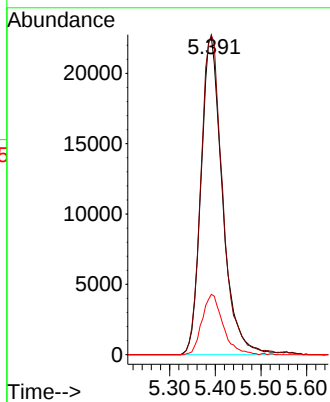
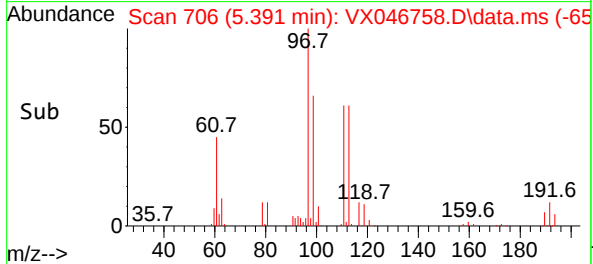
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 7341
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 18.6 15.3 22.9

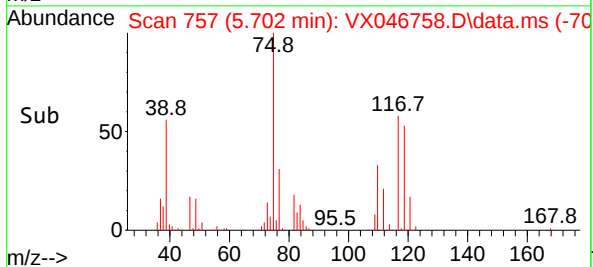
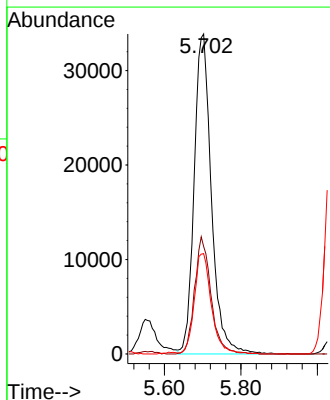
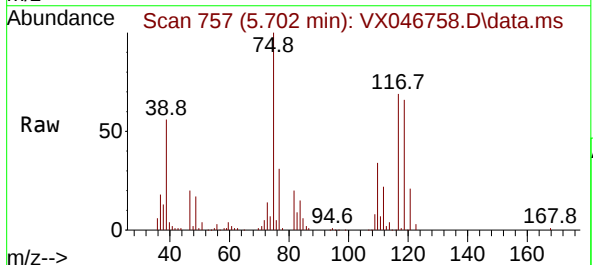
Manual Integrations
APPROVED

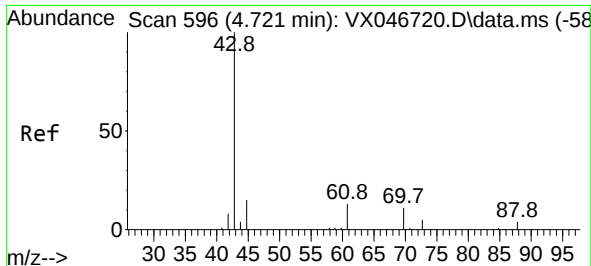
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#36
1,1-Dichloropropene
Concen: 49.493 ug/l
RT: 5.702 min Scan# 757
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

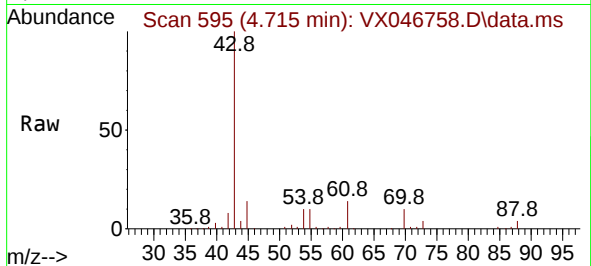
Tgt Ion: 75 Resp: 106011
Ion Ratio Lower Upper
75 100
110 34.8 17.2 51.5
77 31.2 24.2 36.4





#37
Ethyl Acetate
Concen: 40.121 ug/l
RT: 4.715 min Scan# 595
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

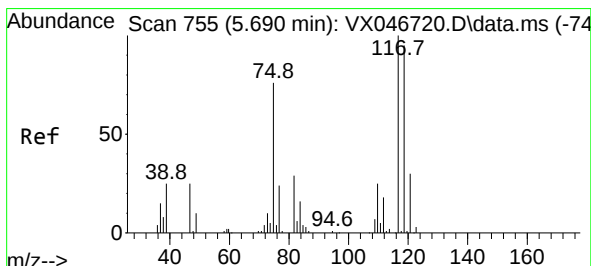
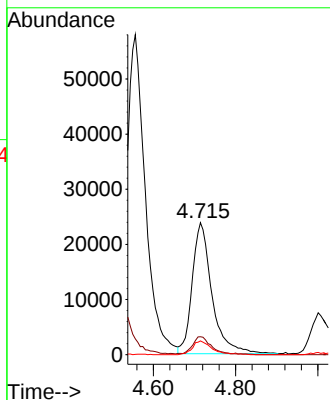
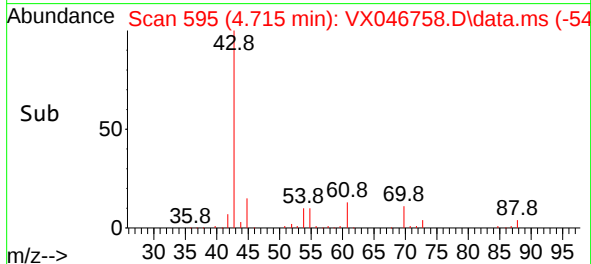
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 79324
Ion Ratio Lower Upper
43 100
61 11.6 9.7 14.5
70 10.2 8.1 12.1

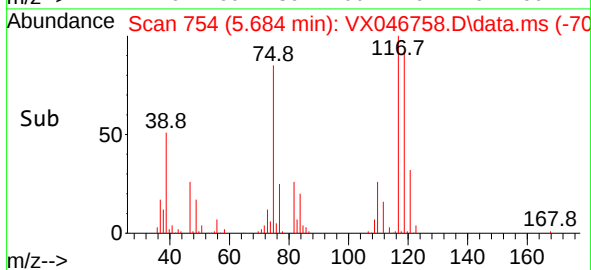
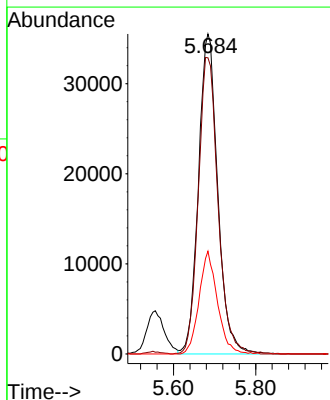
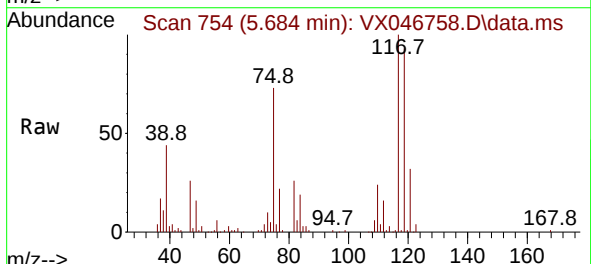
Manual Integrations
APPROVED

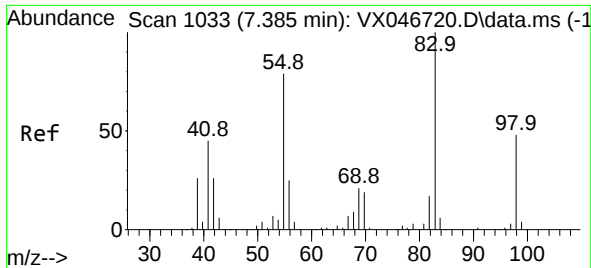
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#38
Carbon Tetrachloride
Concen: 49.715 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:117 Resp: 115565
Ion Ratio Lower Upper
117 100
119 92.4 75.2 112.8
121 32.1 24.1 36.1





#39
Methylcyclohexane
Concen: 49.848 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

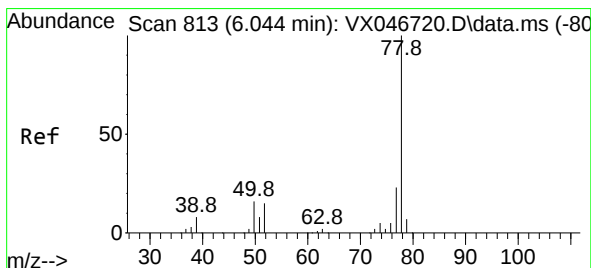
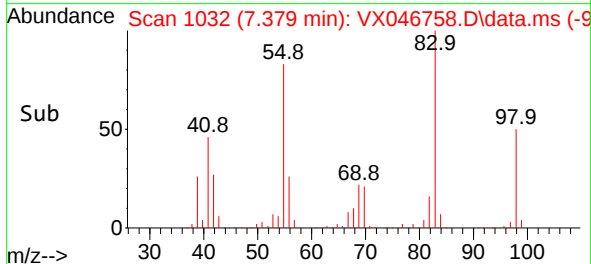
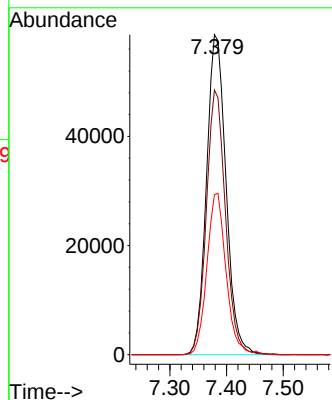
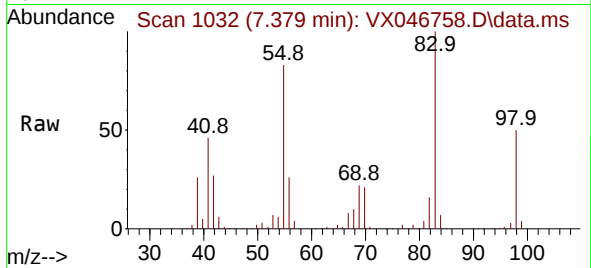
Tgt Ion: 83 Resp: 140502
Ion Ratio Lower Upper
83 100
55 82.7 63.0 94.4
98 50.0 38.8 58.2

Manual Integrations

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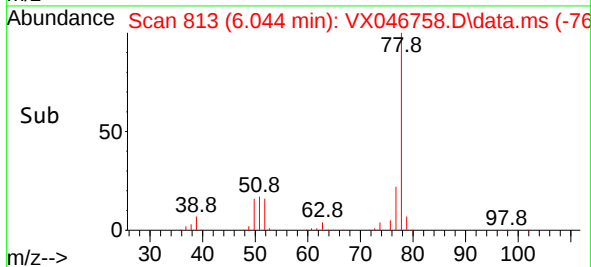
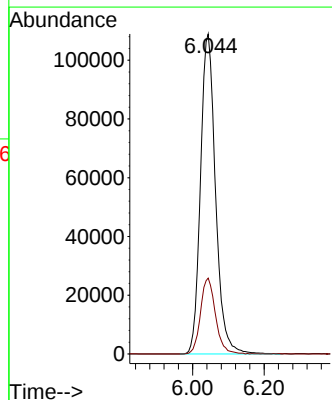
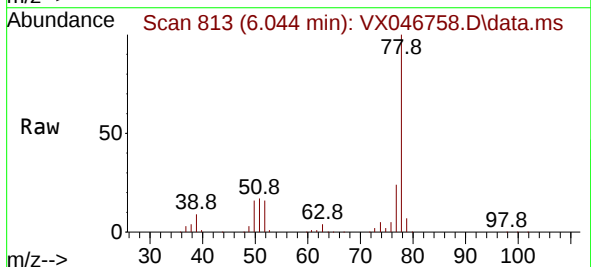
Reviewed By :John Carlone 06/20/2025

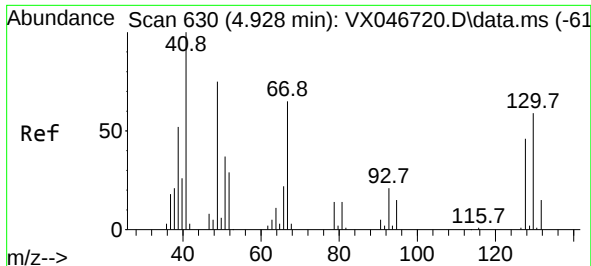
Supervised By :Mahesh Dadoda 06/21/2025



#40
Benzene
Concen: 50.074 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 78 Resp: 317423
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2





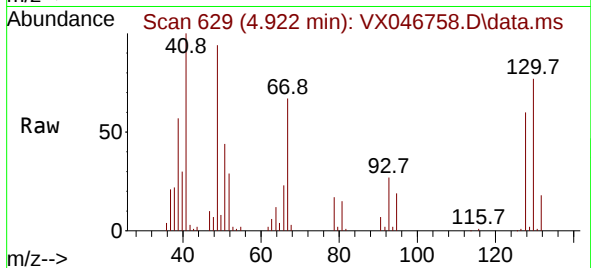
#41
Methacrylonitrile
Concen: 45.417 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



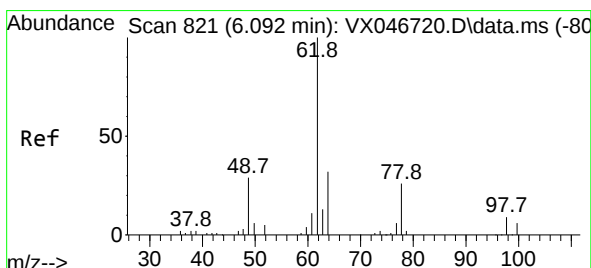
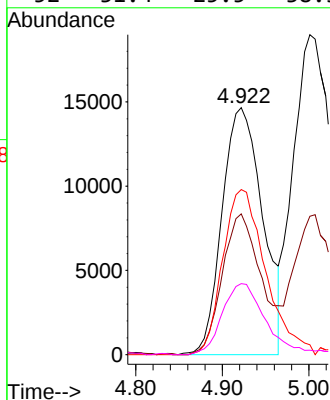
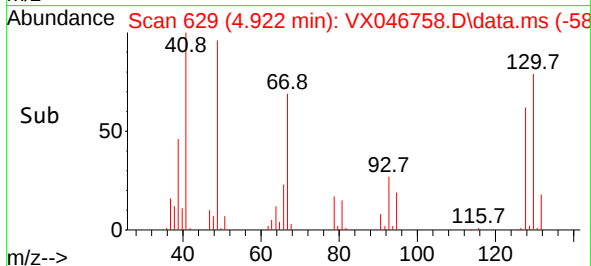
Tgt Ion: 41 Resp: 4787
Ion Ratio Lower Upper
41 100
39 54.6 45.9 68.9
67 70.2 61.2 91.8
52 31.4 25.5 38.3

Manual Integrations

APPROVED

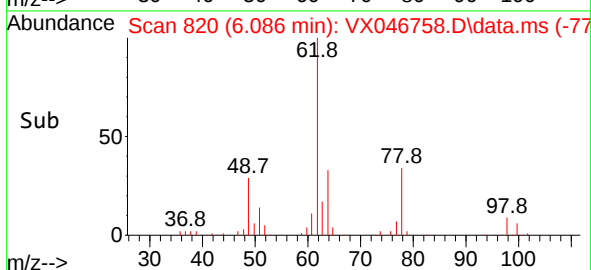
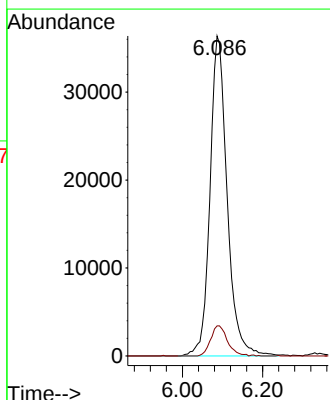
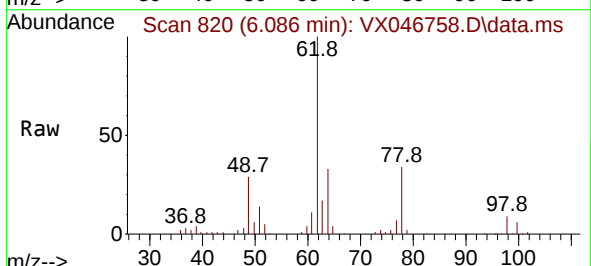
Reviewed By :John Carlone 06/20/2025

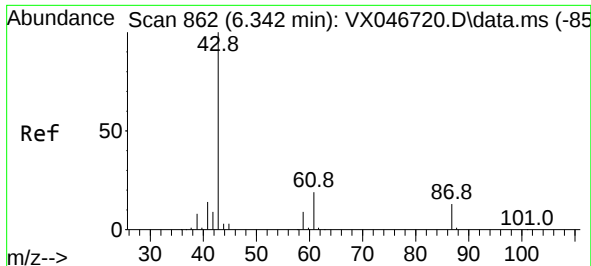
Supervised By :Mahesh Dadoda 06/21/2025



#42
1,2-Dichloroethane
Concen: 48.452 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

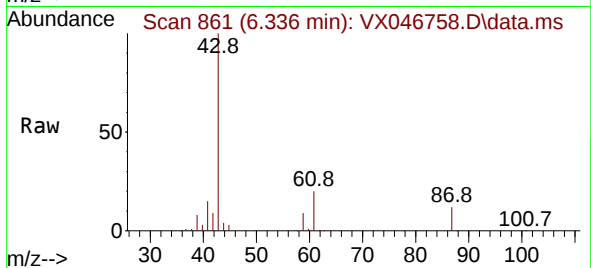
Tgt Ion: 62 Resp: 107931
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.8





#43
Isopropyl Acetate
Concen: 42.935 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

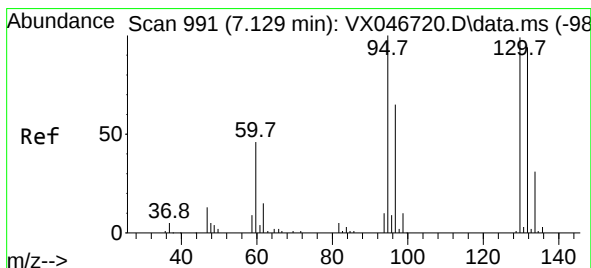
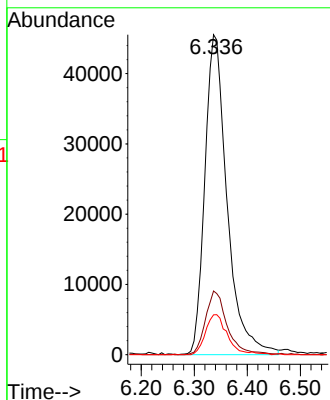
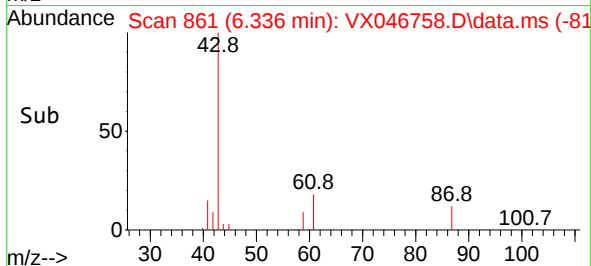
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 13283
Ion Ratio Lower Upper
43 100
61 19.4 15.3 22.9
87 12.3 10.0 15.0

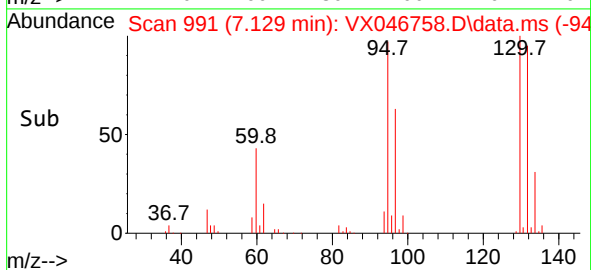
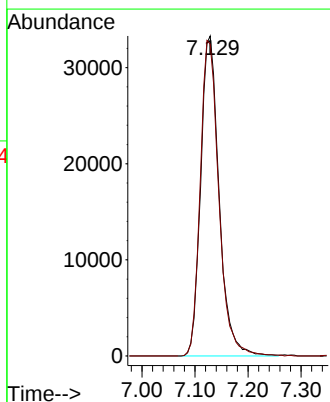
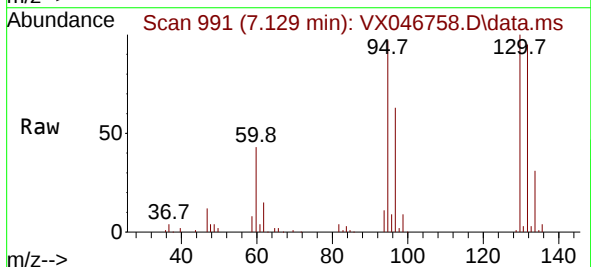
Manual Integrations
APPROVED

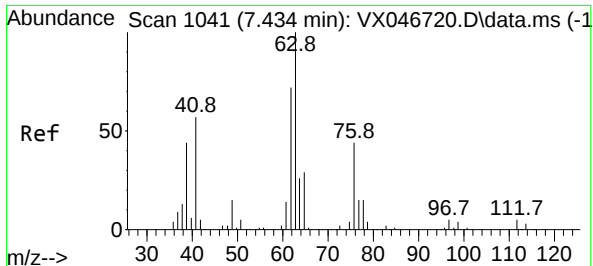
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#44
Trichloroethene
Concen: 49.599 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:130 Resp: 80127
Ion Ratio Lower Upper
130 100
95 97.5 0.0 202.6





#45

1,2-Dichloropropane

Concen: 50.385 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 79150

Ion Ratio Lower Upper

63 100

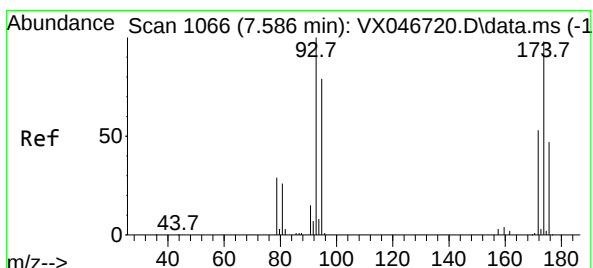
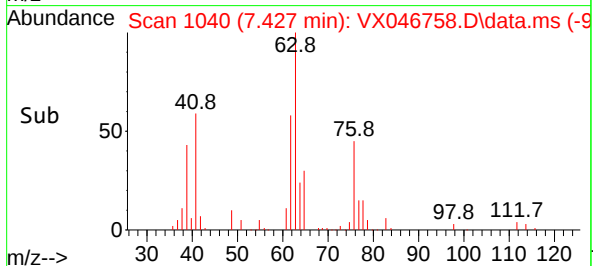
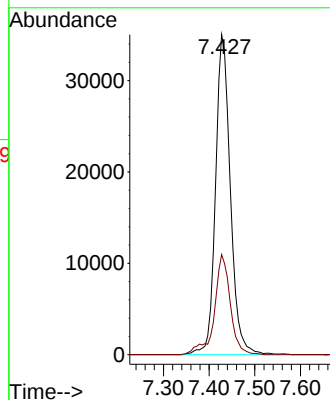
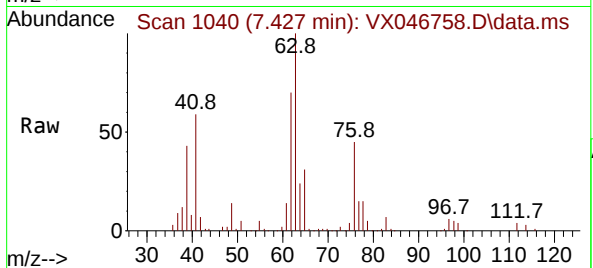
65 31.3 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#46

Dibromomethane

Concen: 47.295 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

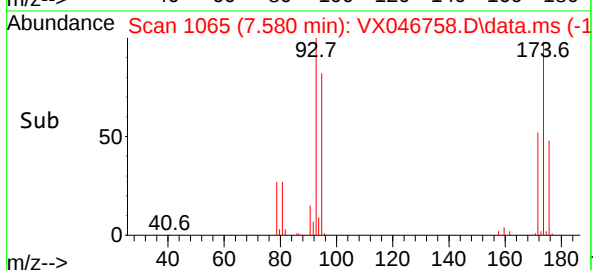
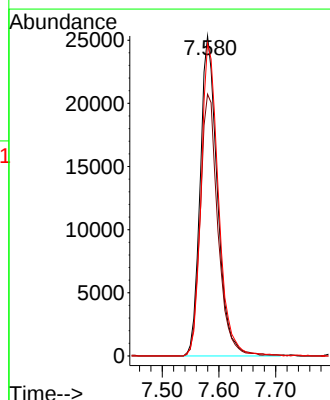
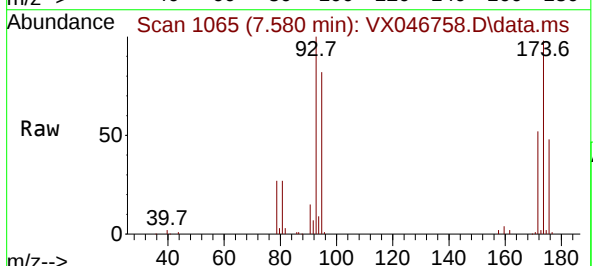
Tgt Ion: 93 Resp: 53399

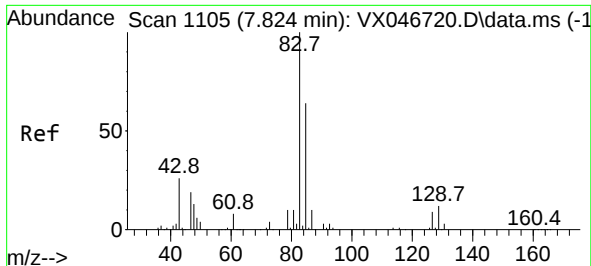
Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

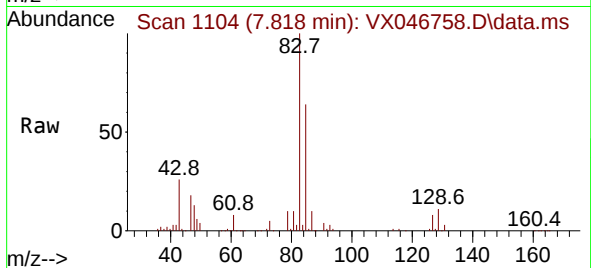
174 98.2 77.0 115.6





#47
Bromodichloromethane
Concen: 50.703 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

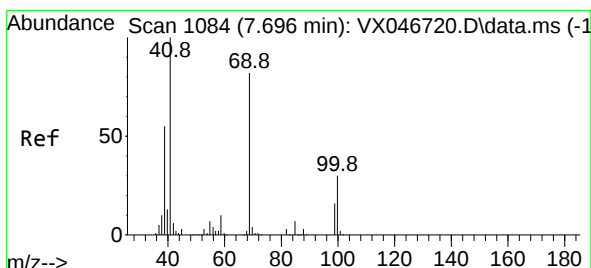
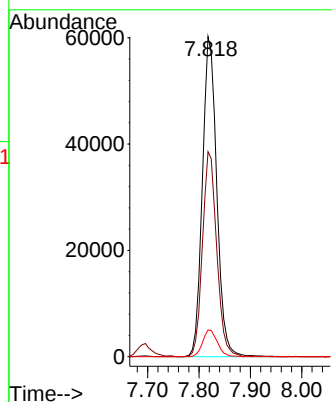
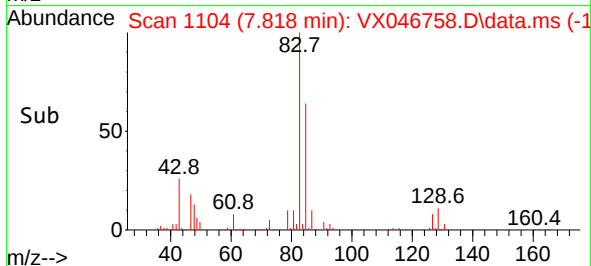
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 11682
Ion Ratio Lower Upper
83 100
85 64.1 51.4 77.2
127 8.3 6.9 10.3

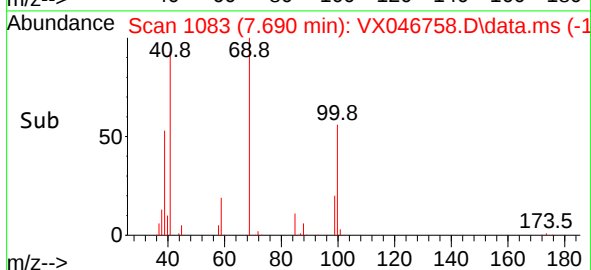
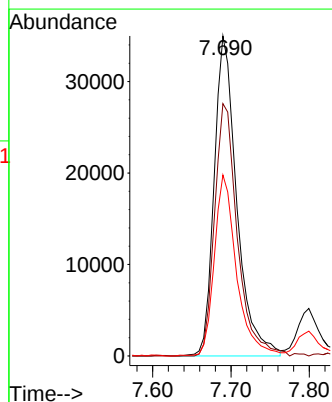
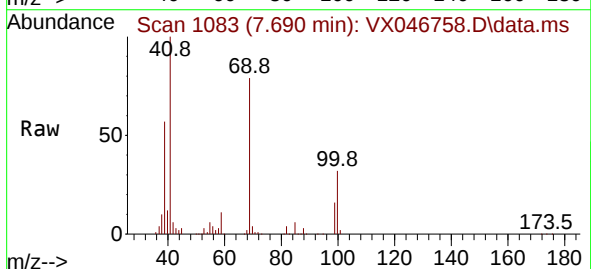
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APPROVED

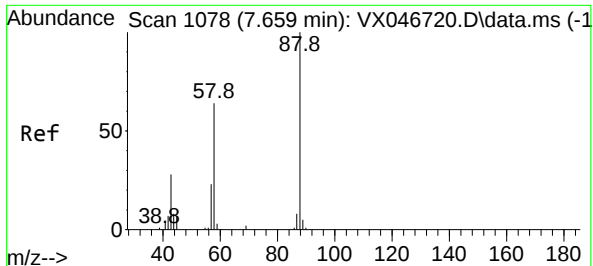
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#48
Methyl methacrylate
Concen: 45.316 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 41 Resp: 70314
Ion Ratio Lower Upper
41 100
69 79.5 63.4 95.2
39 55.5 45.4 68.0





#49

1,4-Dioxane

Concen: 714.909 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 15950

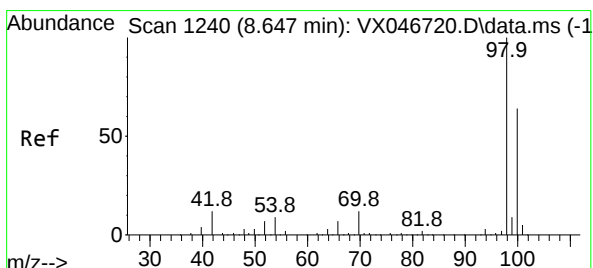
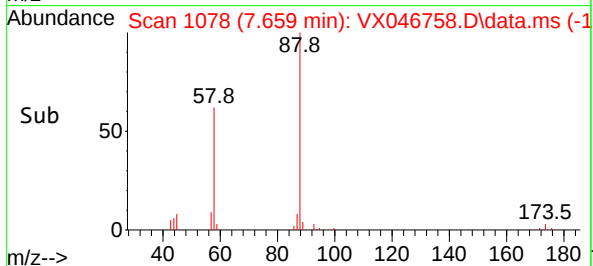
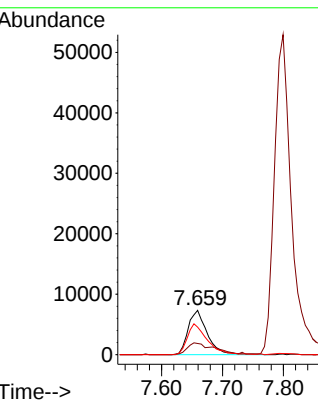
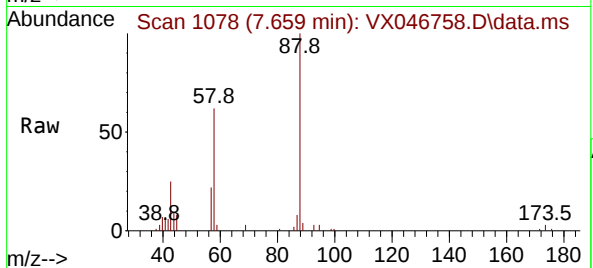
Ion	Ratio	Lower	Upper
88	100		
43	37.3	31.2	46.8
58	72.4	54.7	82.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#50

Toluene-d8

Concen: 49.067 ug/l

RT: 8.647 min Scan# 1240

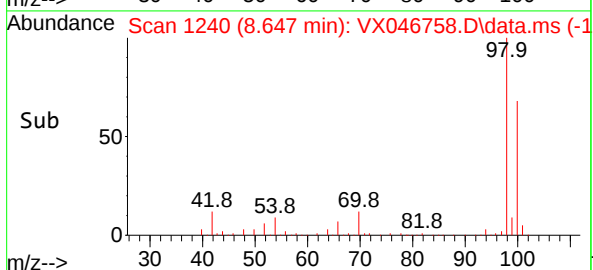
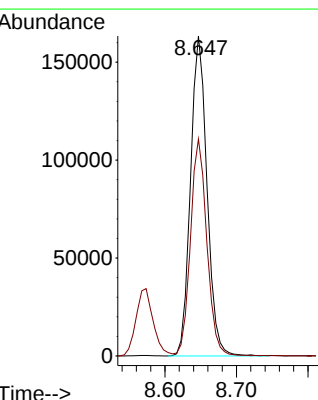
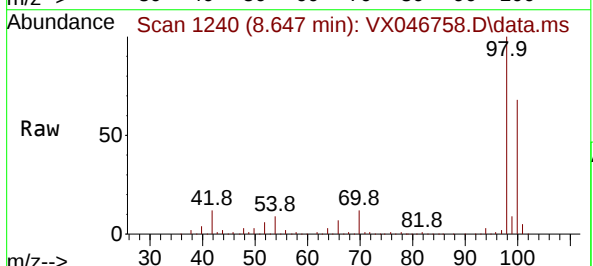
Delta R.T. -0.000 min

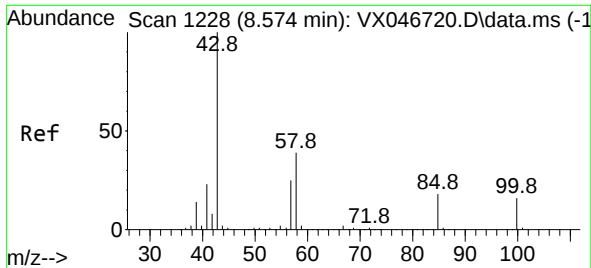
Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Tgt Ion: 98 Resp: 261576

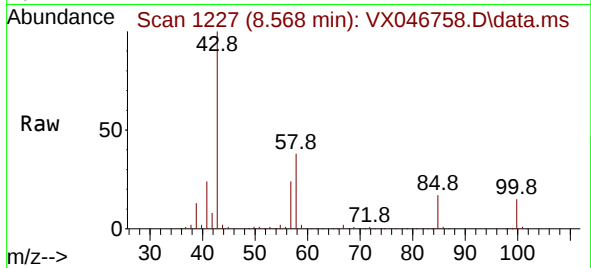
Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.0	79.4





#51
4-Methyl-2-Pentanone
Concen: 205.777 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

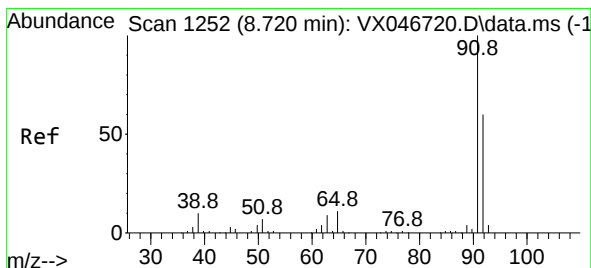
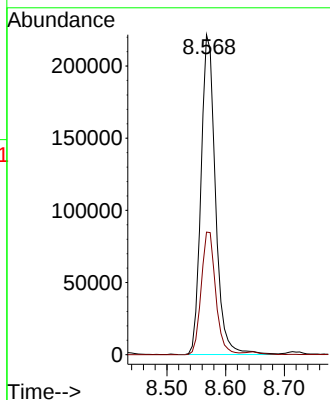
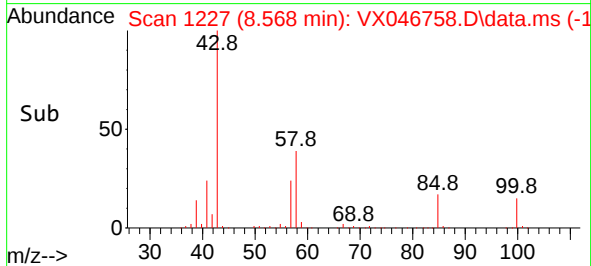
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 379704
Ion Ratio Lower Upper
43 100
58 38.4 30.8 46.2

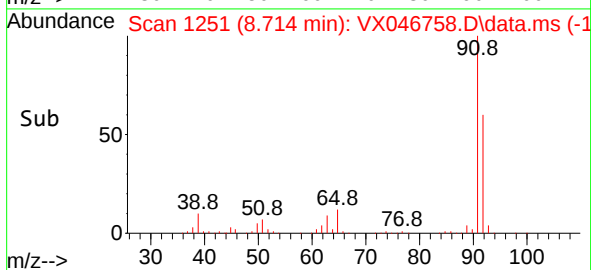
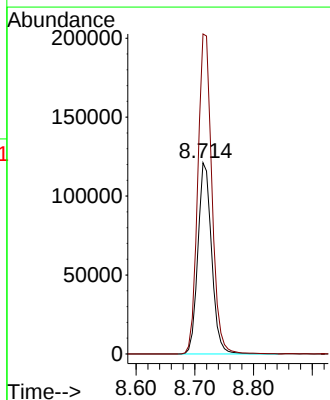
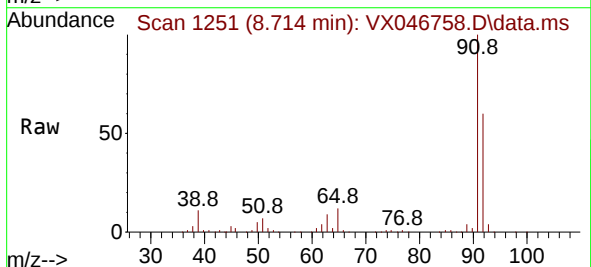
Manual Integrations
APPROVED

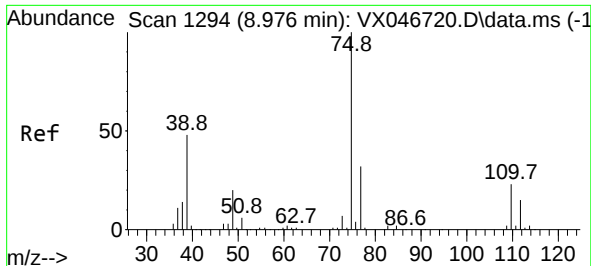
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#52
Toluene
Concen: 50.025 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 92 Resp: 196587
Ion Ratio Lower Upper
92 100
91 171.9 134.8 202.2





#53

t-1,3-Dichloropropene

Concen: 50.420 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 10778

Ion Ratio Lower Upper

75 100

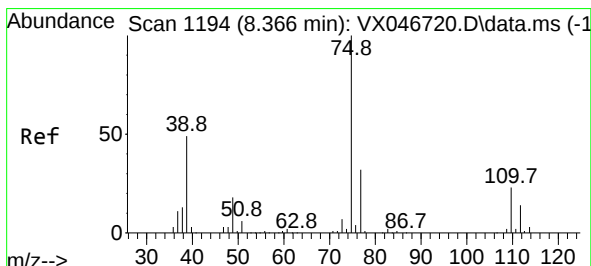
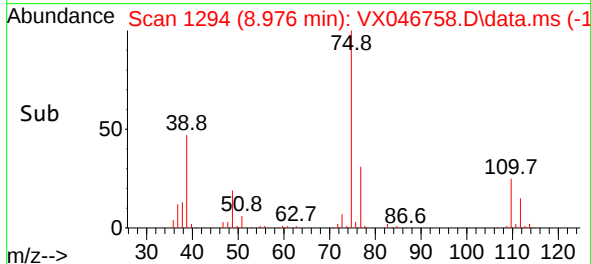
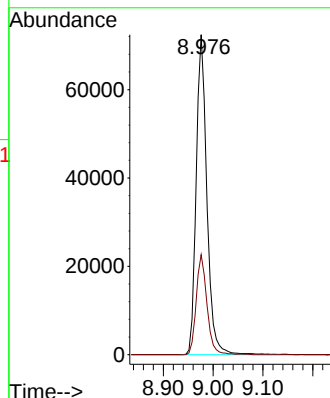
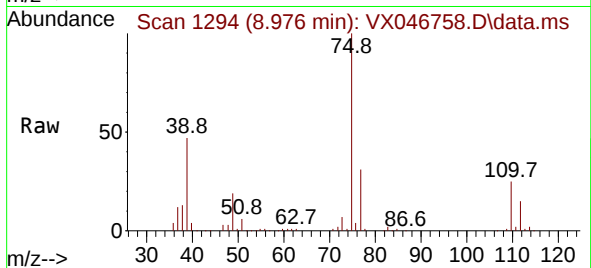
77 31.3 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#54

cis-1,3-Dichloropropene

Concen: 50.333 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

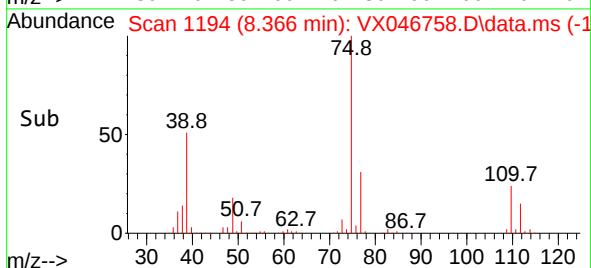
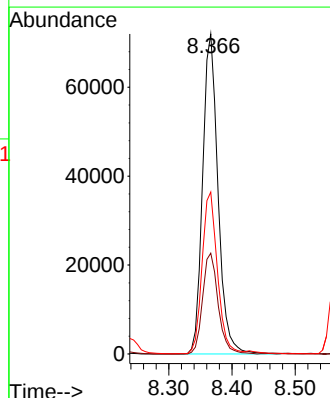
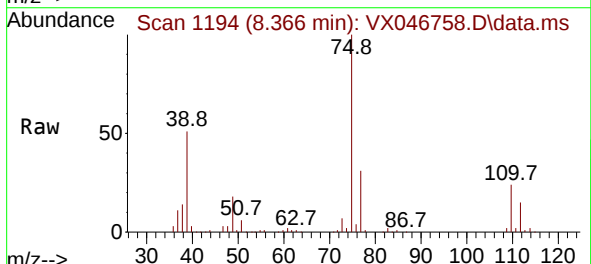
Tgt Ion: 75 Resp: 122151

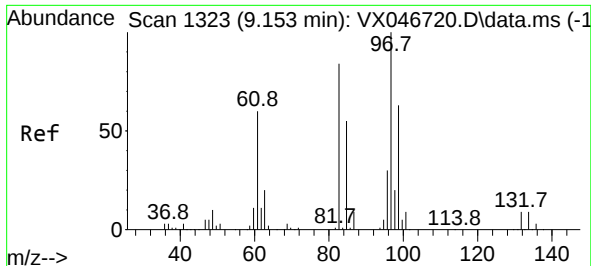
Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

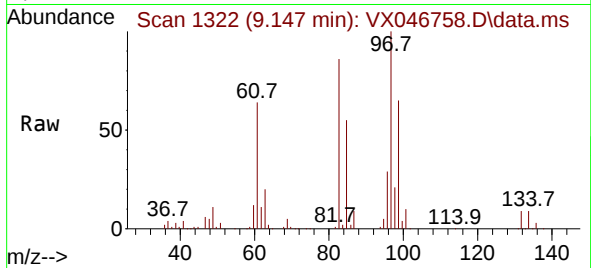
39 50.5 39.2 58.8





#55
1,1,2-Trichloroethane
Concen: 47.614 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

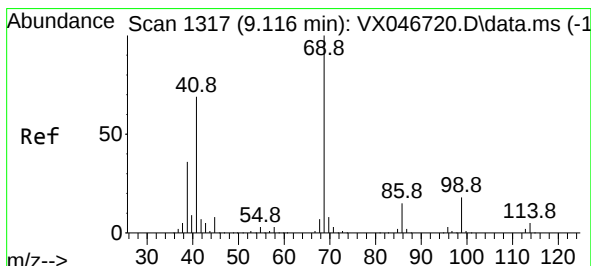
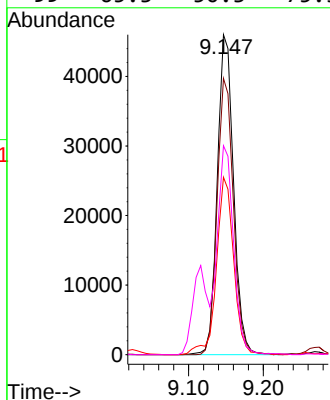
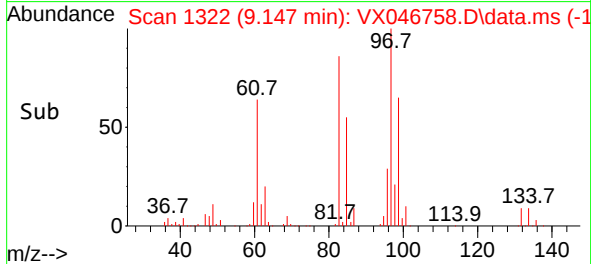
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 69725
Ion Ratio Lower Upper
97 100
83 86.3 67.2 100.8
85 55.4 44.1 66.1
99 65.3 50.3 75.5

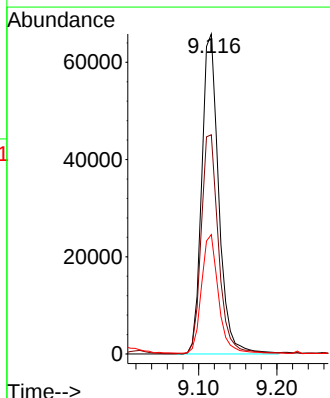
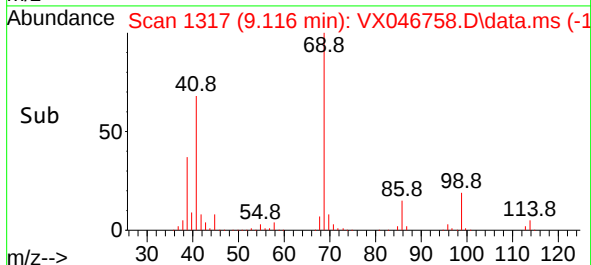
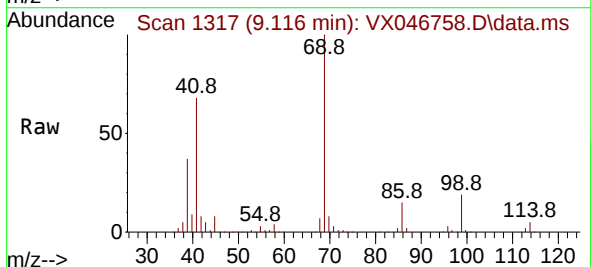
Manual Integrations
APPROVED

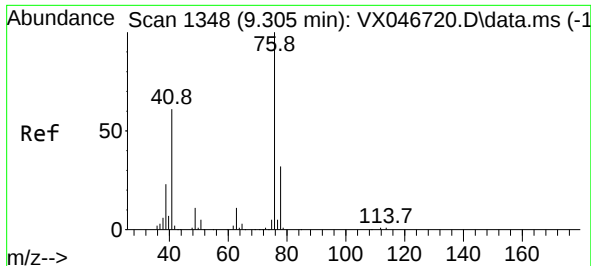
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#56
Ethyl methacrylate
Concen: 45.899 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 69 Resp: 99225
Ion Ratio Lower Upper
69 100
41 69.7 55.4 83.2
39 37.1 29.7 44.5





#57

1,3-Dichloropropane

Concen: 48.408 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 12208

Ion Ratio Lower Upper

76 100

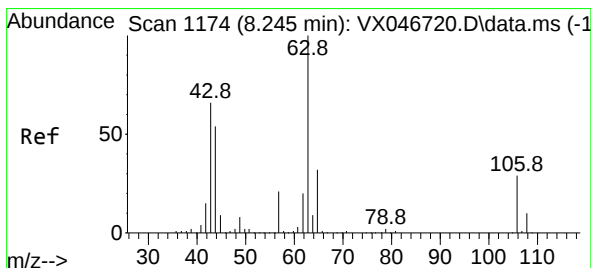
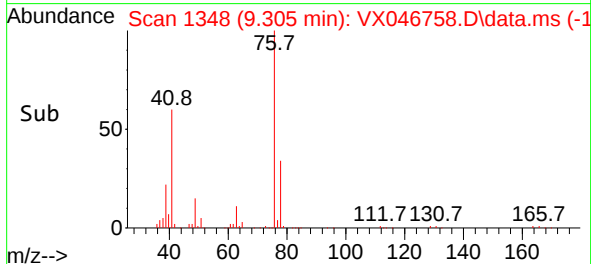
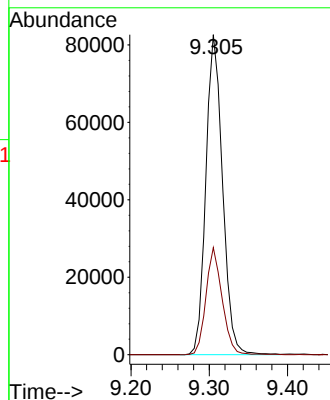
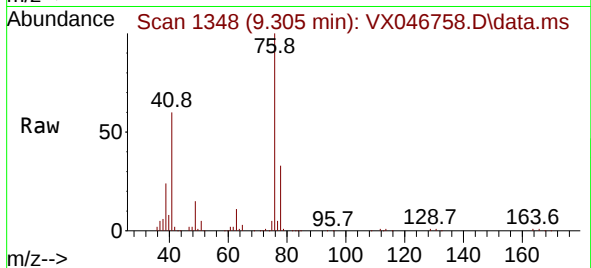
78 32.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#58

2-Chloroethyl Vinyl ether

Concen: 248.797 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046758.D

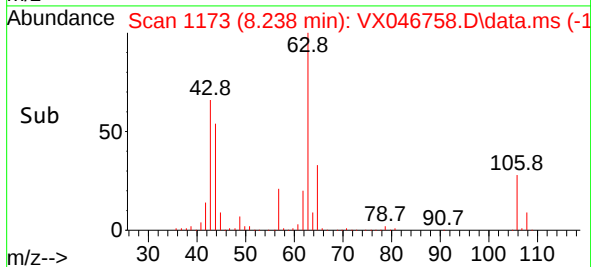
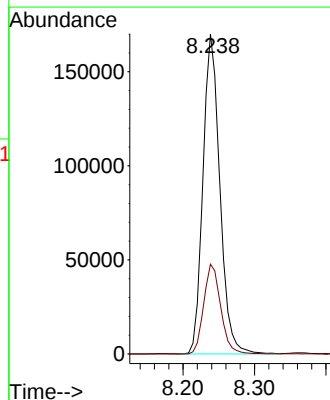
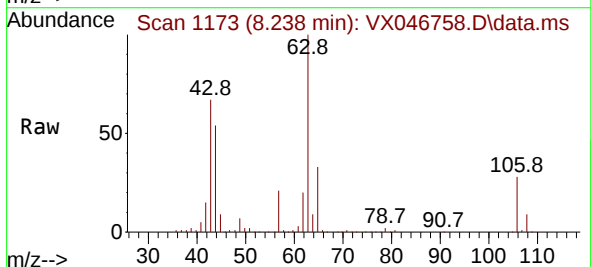
Acq: 19 Jun 2025 09:43

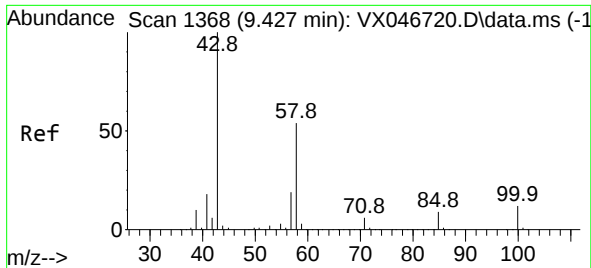
Tgt Ion: 63 Resp: 279394

Ion Ratio Lower Upper

63 100

106 28.2 22.6 34.0





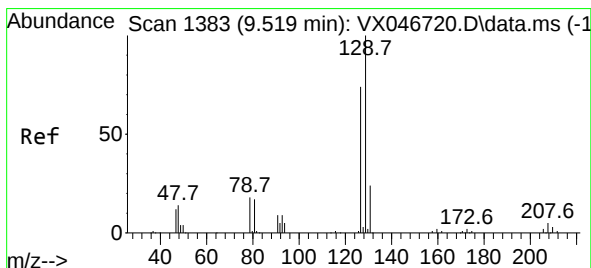
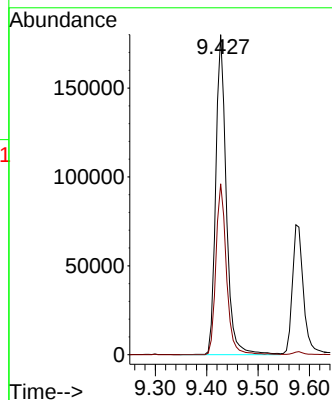
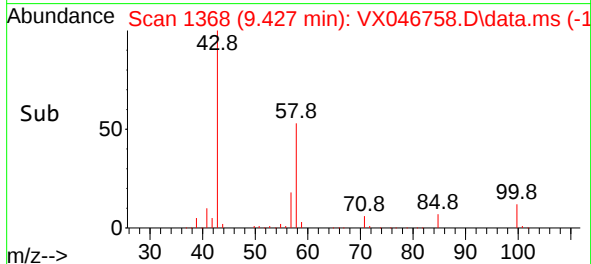
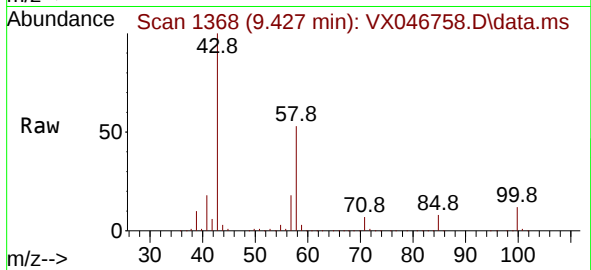
#59
2-Hexanone
Concen: 201.475 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 257015
Ion Ratio Lower Upper
43 100
58 53.4 26.8 80.4

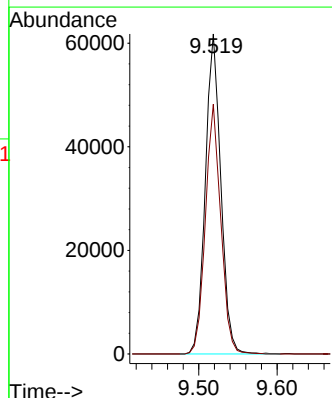
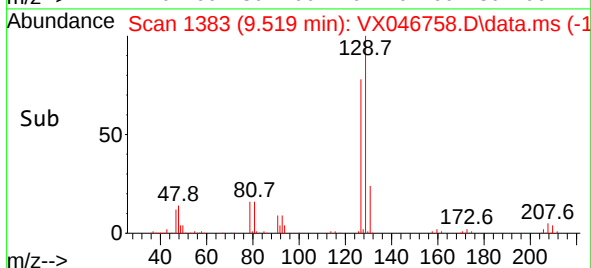
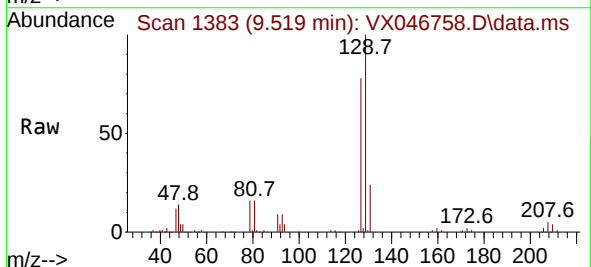
Manual Integrations
APPROVED

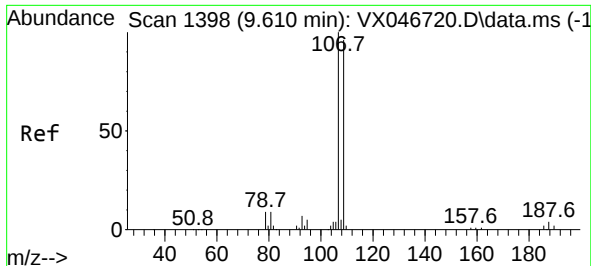
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#60
Dibromochloromethane
Concen: 49.021 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

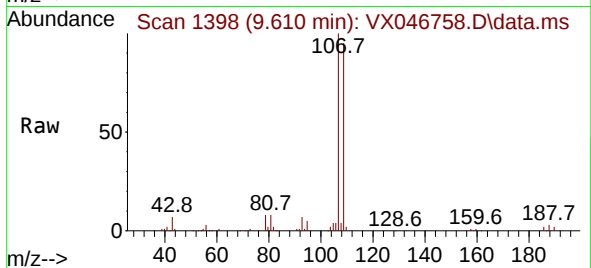
Tgt Ion:129 Resp: 84603
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2





#61
1,2-Dibromoethane
Concen: 47.653 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

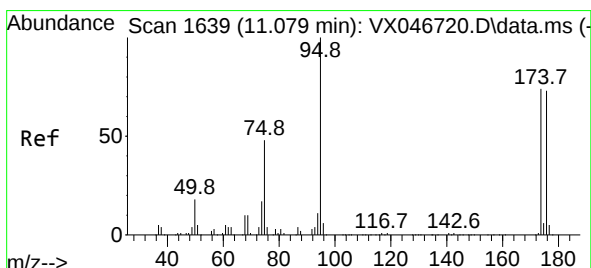
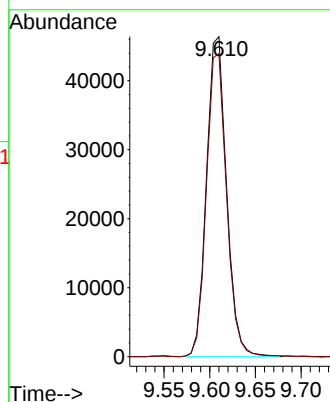
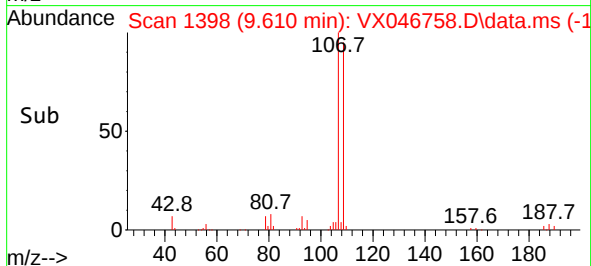
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



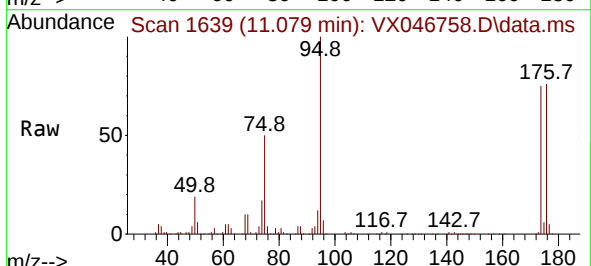
Tgt Ion:107 Resp: 7098
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.6

Manual Integrations
APPROVED

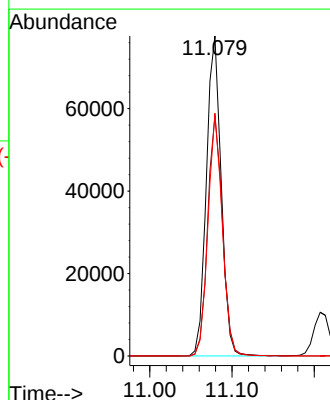
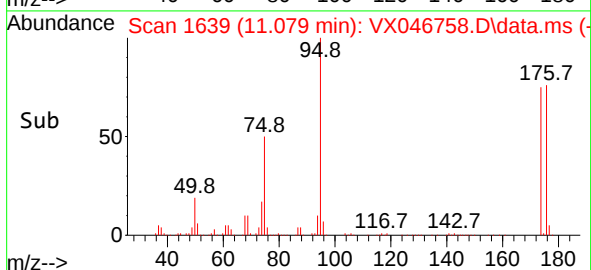
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

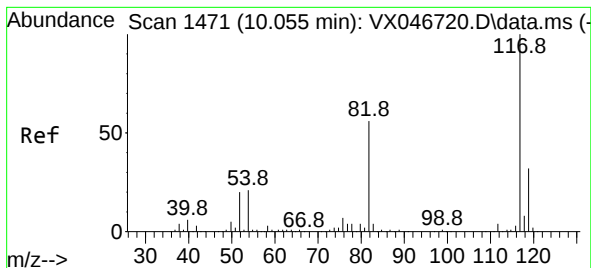


#62
4-Bromofluorobenzene
Concen: 48.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43



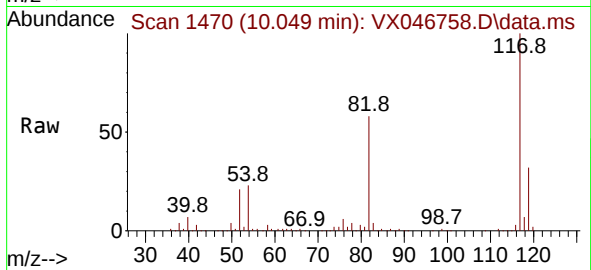
Tgt Ion: 95 Resp: 97021
Ion Ratio Lower Upper
95 100
174 75.1 0.0 150.4
176 73.0 0.0 145.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

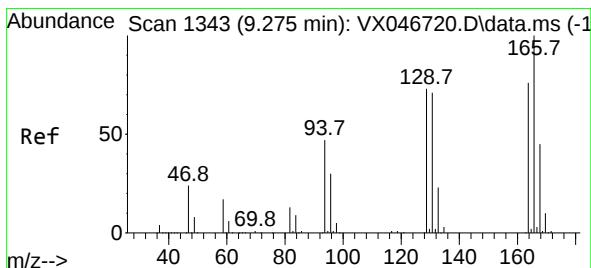
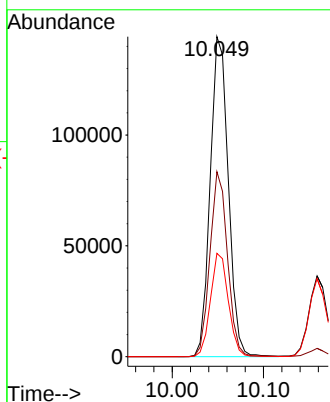
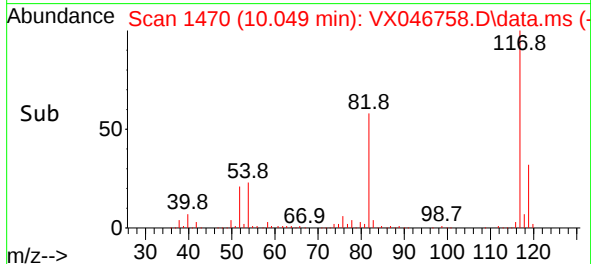
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 197740
Ion Ratio Lower Upper
117 100
82 57.8 44.6 66.8
119 32.3 25.8 38.8

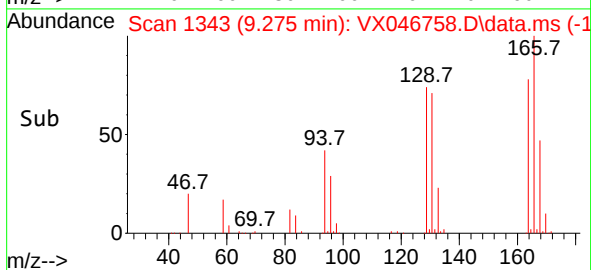
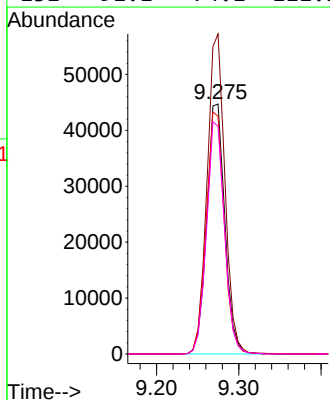
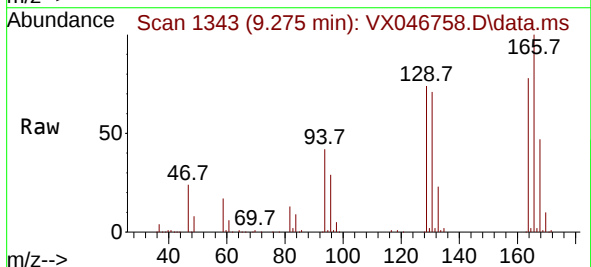
Manual Integrations
APPROVED

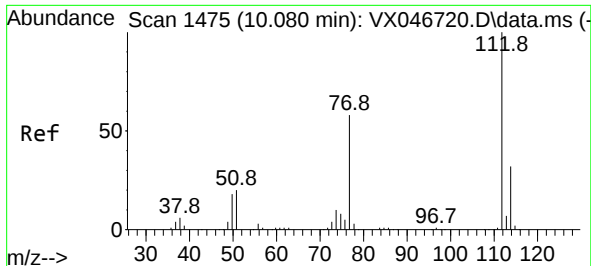
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#64
Tetrachloroethene
Concen: 49.587 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:164 Resp: 67934
Ion Ratio Lower Upper
164 100
166 128.0 104.6 157.0
129 95.0 76.3 114.5
131 91.1 74.1 111.1





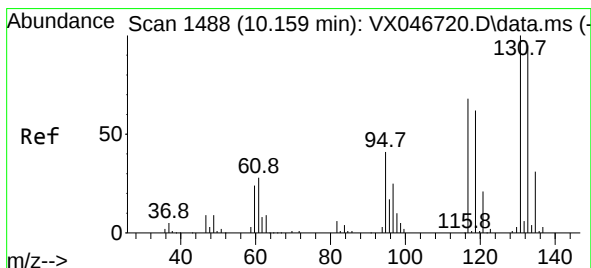
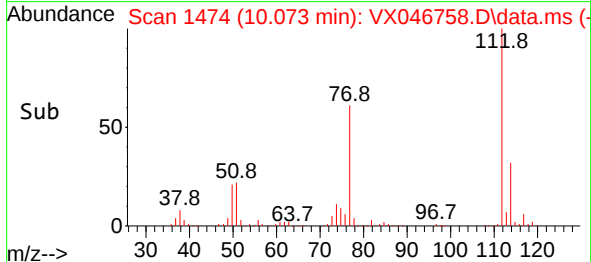
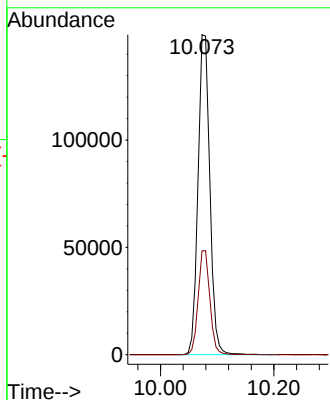
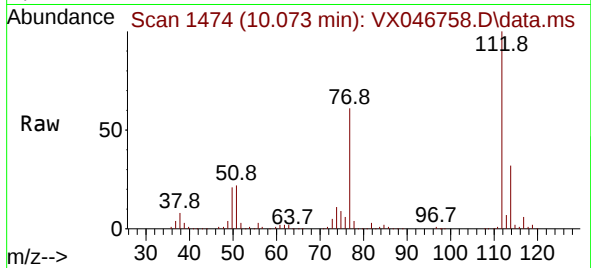
#65
Chlorobenzene
Concen: 49.352 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 21542
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

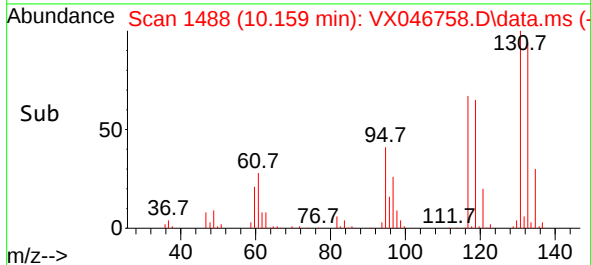
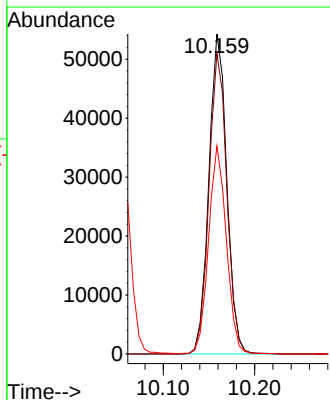
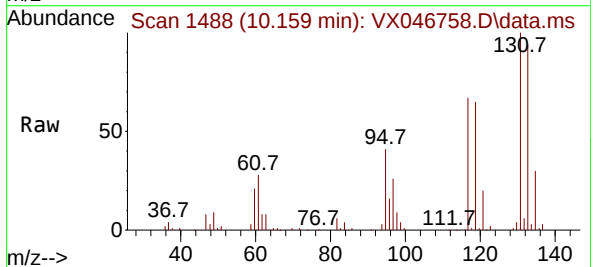
Manual Integrations
APPROVED

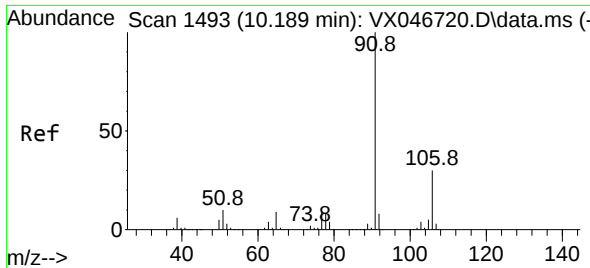
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 50.304 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

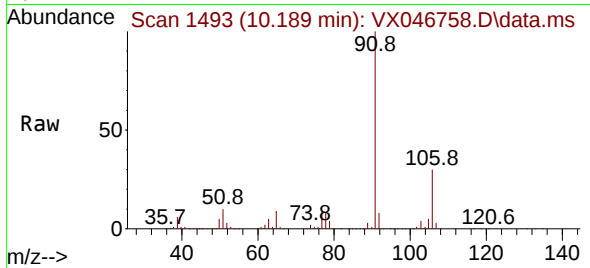
Tgt Ion:131 Resp: 73797
Ion Ratio Lower Upper
131 100
133 94.0 47.3 141.8
119 64.5 32.1 96.3





#67
Ethyl Benzene
Concen: 49.719 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

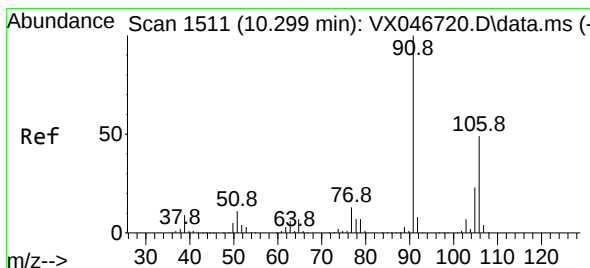
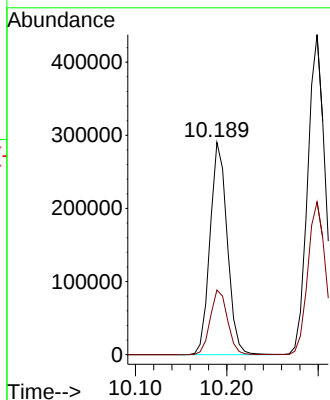
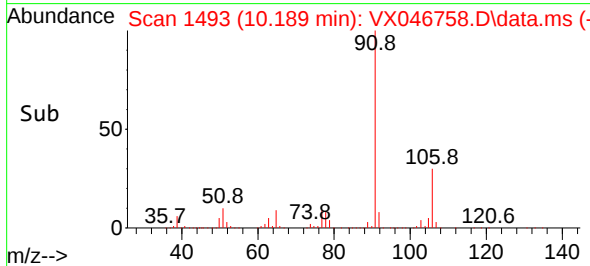
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



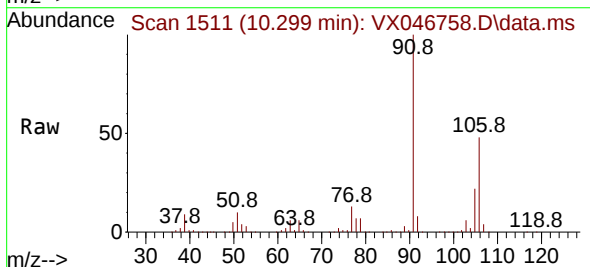
Tgt Ion: 91 Resp: 37920
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

Manual Integrations
APPROVED

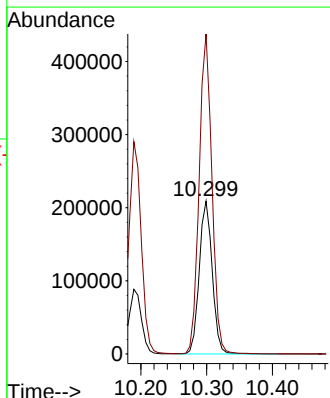
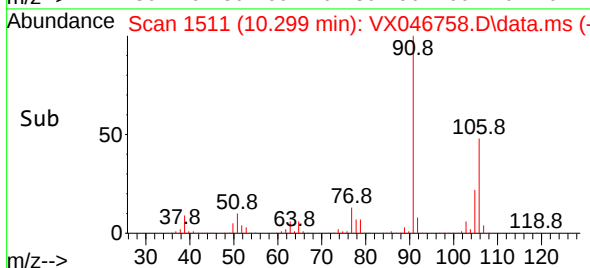
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

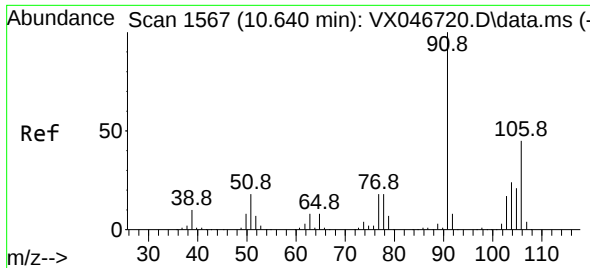


#68
m/p-Xylenes
Concen: 100.703 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43



Tgt Ion:106 Resp: 286180
Ion Ratio Lower Upper
106 100
91 206.9 164.8 247.2





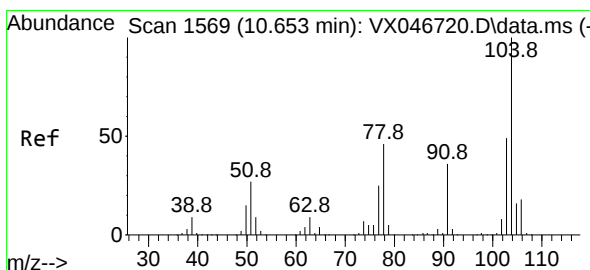
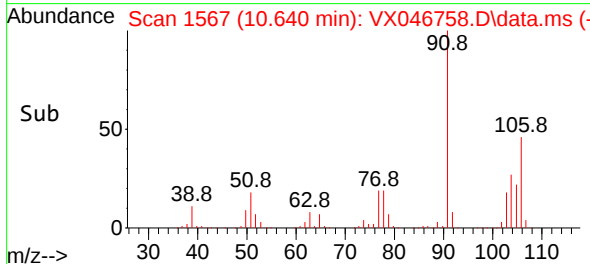
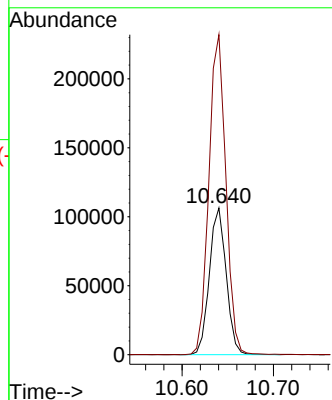
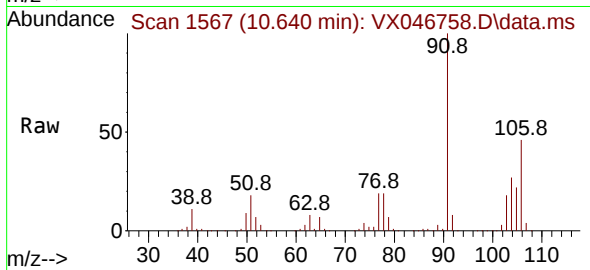
#69
o-Xylene
Concen: 51.004 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 13583
Ion Ratio Lower Upper
106 100
91 220.3 111.3 333.9

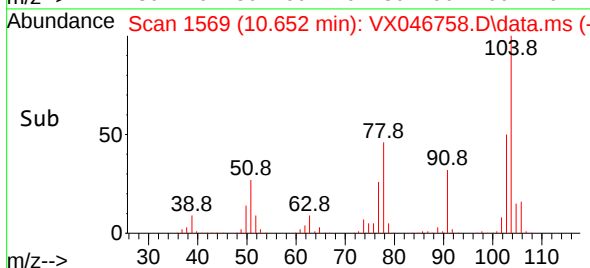
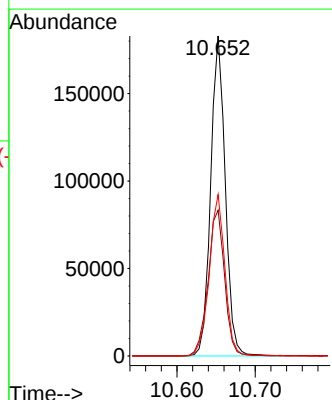
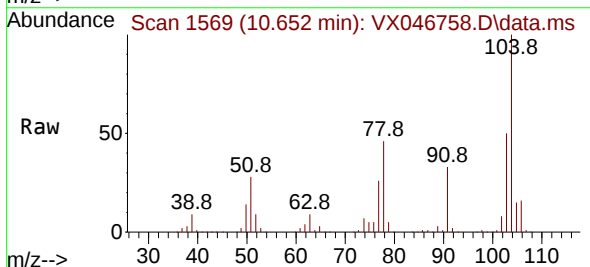
Manual Integrations
APPROVED

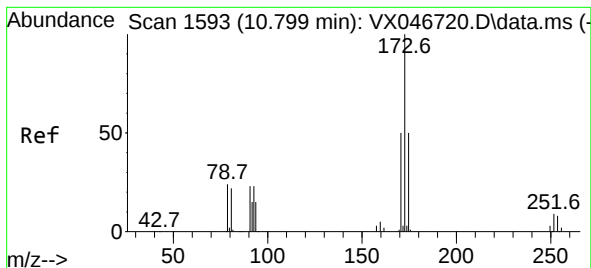
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#70
Styrene
Concen: 50.573 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

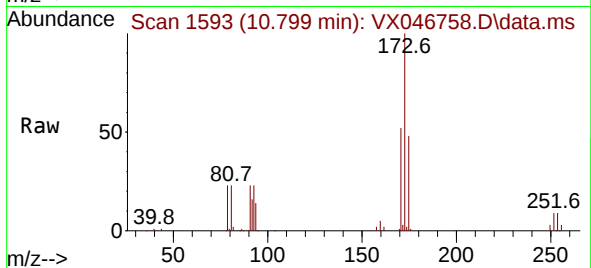
Tgt Ion:104 Resp: 235709
Ion Ratio Lower Upper
104 100
78 51.9 41.4 62.2
103 54.3 43.1 64.7





#71
Bromoform
Concen: 46.470 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

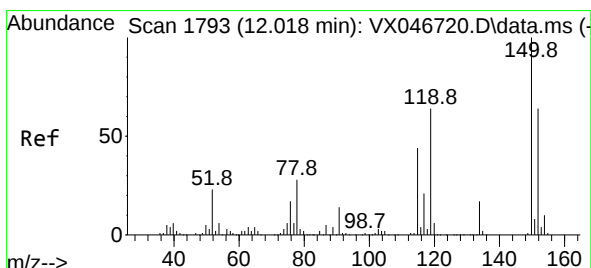
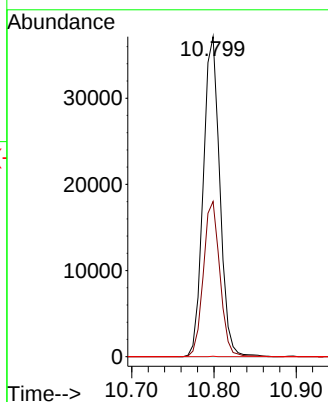
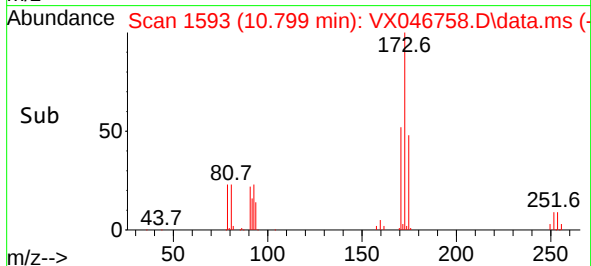
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 5191
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.1 0.1

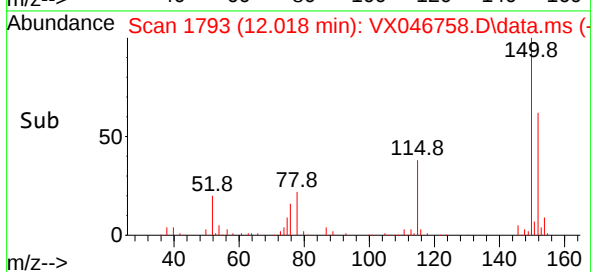
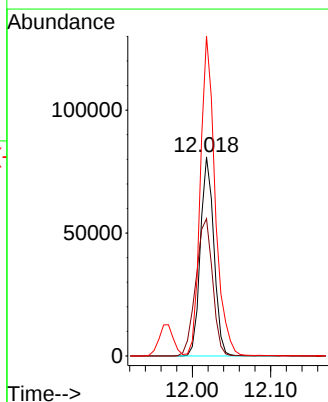
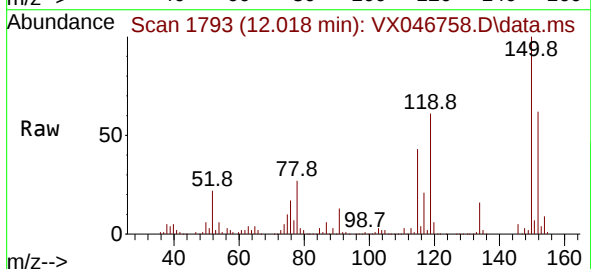
Manual Integrations
APPROVED

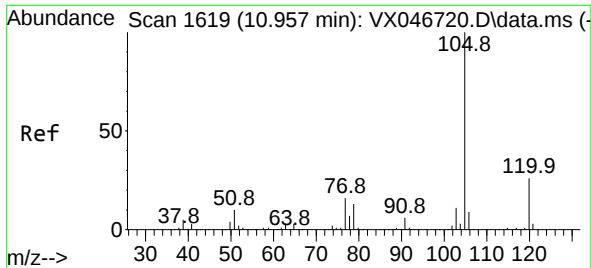
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

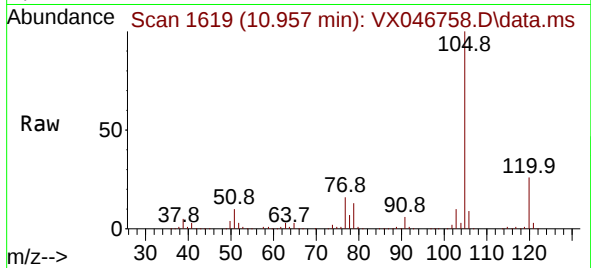
Tgt Ion:152 Resp: 96867
Ion Ratio Lower Upper
152 100
115 85.5 43.2 129.6
150 175.8 0.0 346.8





#73
Isopropylbenzene
Concen: 50.881 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

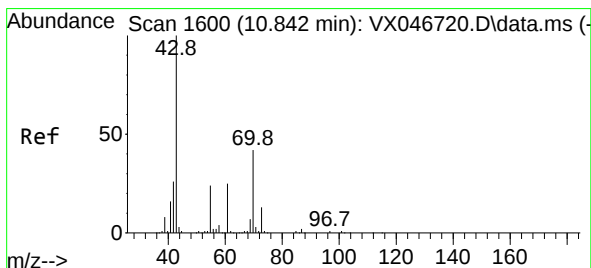
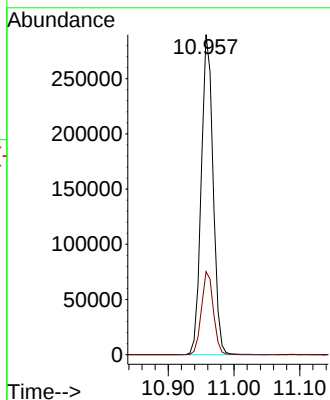
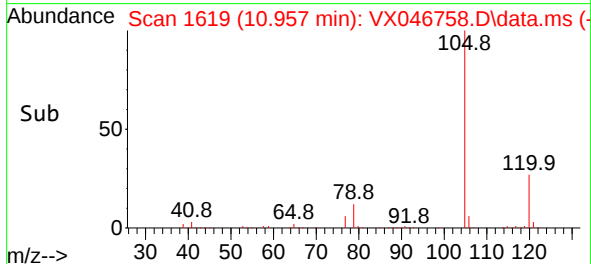
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



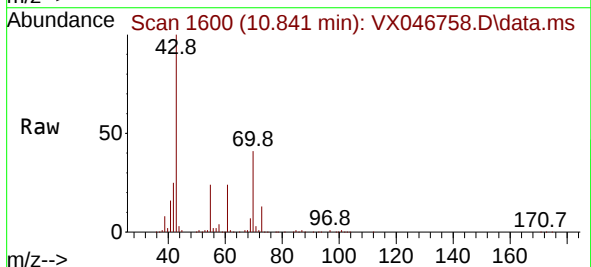
Tgt Ion:105 Resp: 362998
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0

Manual Integrations
APPROVED

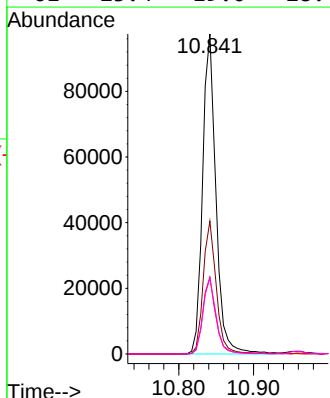
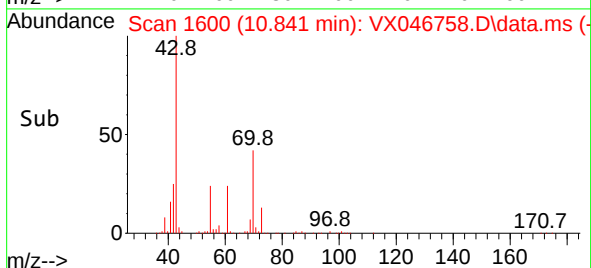
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025

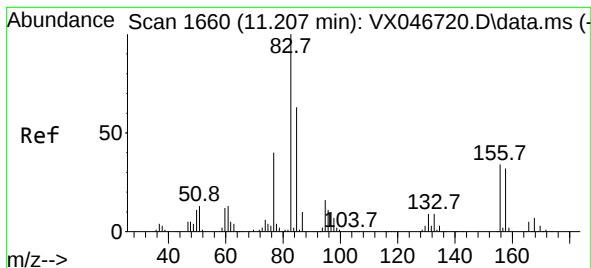


#74
N-ethyl acetate
Concen: 44.699 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43



Tgt Ion: 43 Resp: 120822
Ion Ratio Lower Upper
43 100
70 41.0 33.4 50.0
55 23.7 19.1 28.7
61 23.4 19.0 28.4





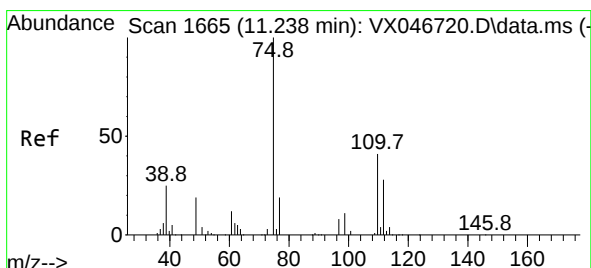
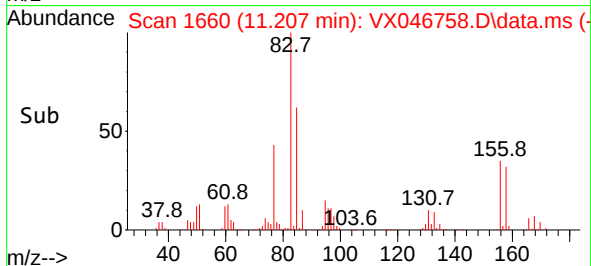
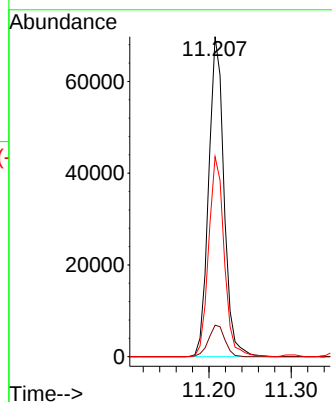
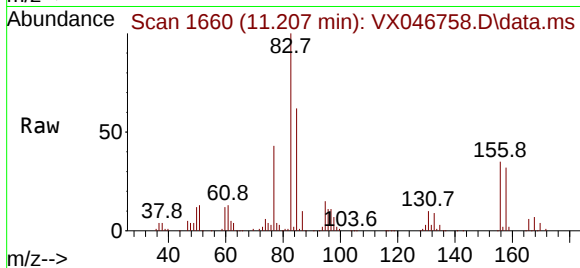
#75
1,1,2,2-Tetrachloroethane
Concen: 45.350 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 90340
Ion Ratio Lower Upper
83 100
131 10.5 4.9 14.6
85 63.3 32.0 96.0

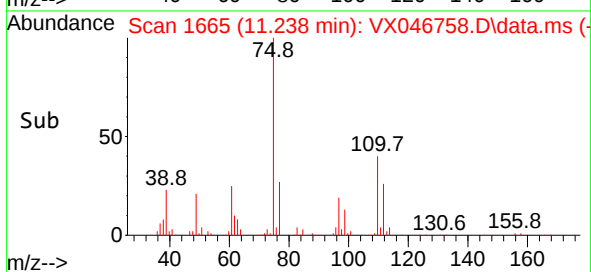
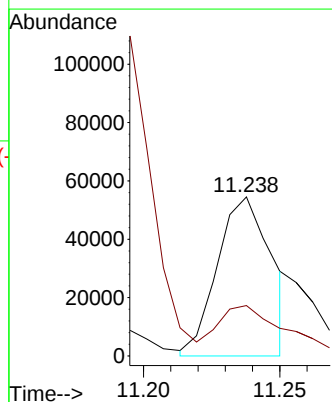
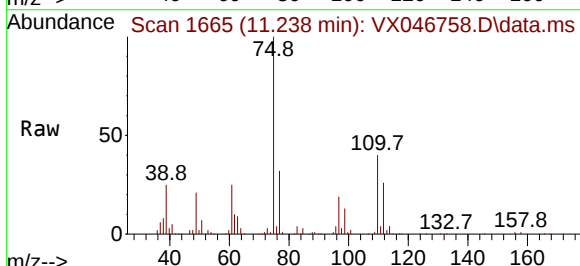
Manual Integrations
APPROVED

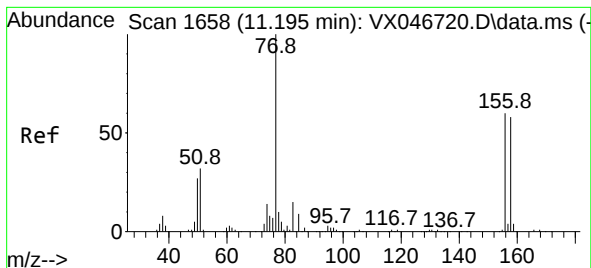
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#76
1,2,3-Trichloropropane
Concen: 42.194 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 74859
Ion Ratio Lower Upper
75 100
77 40.2 18.5 55.5





#77

Bromobenzene

Concen: 50.284 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

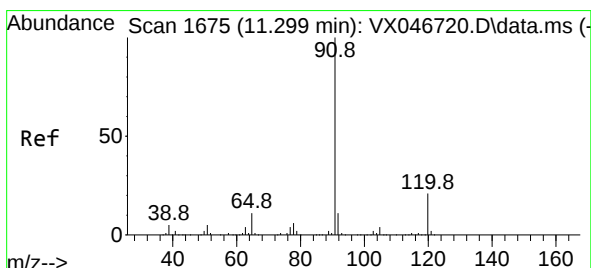
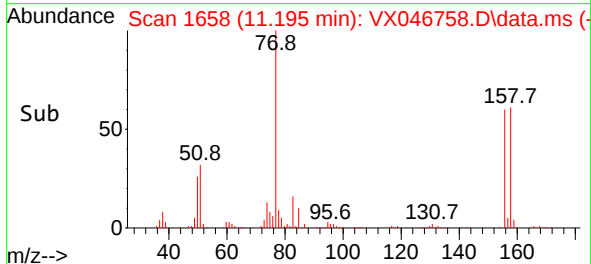
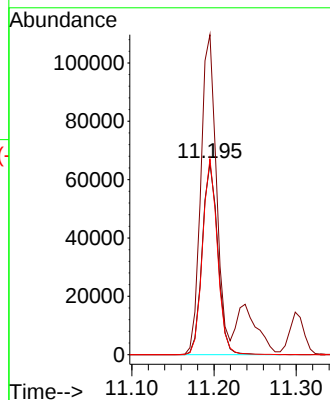
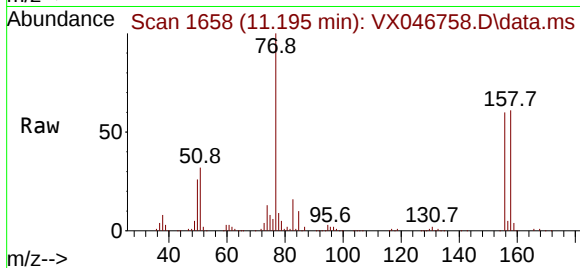
Tgt Ion:	156	Resp:	86320
Ion Ratio	Lower	Upper	
156	100		
77	167.7	82.8	248.6
158	98.3	47.6	142.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#78

n-propylbenzene

Concen: 51.296 ug/l

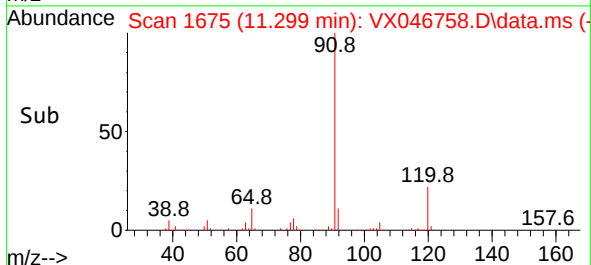
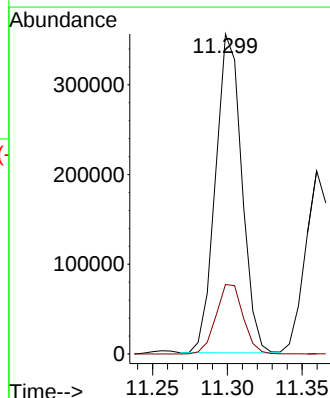
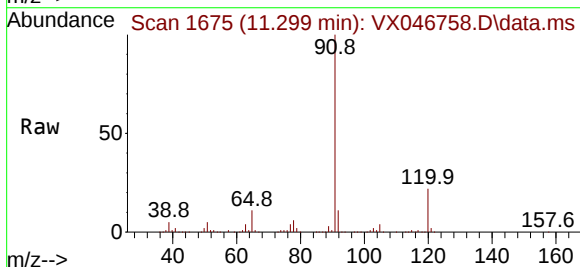
RT: 11.299 min Scan# 1675

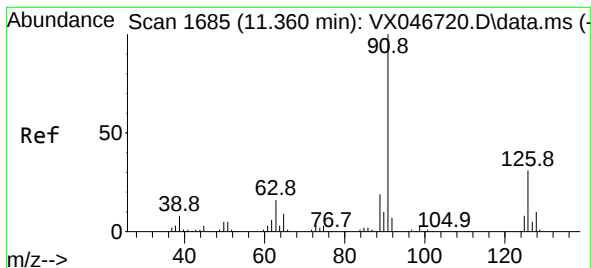
Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Tgt Ion:	91	Resp:	434668
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.4	34.1





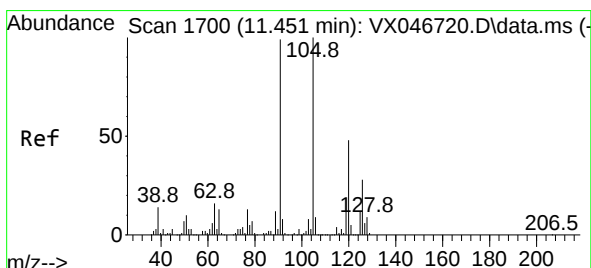
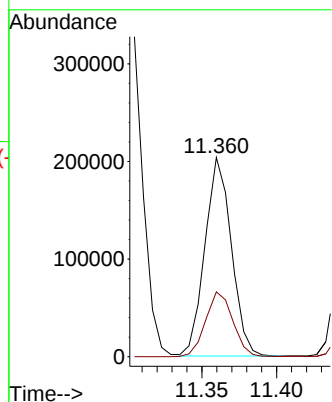
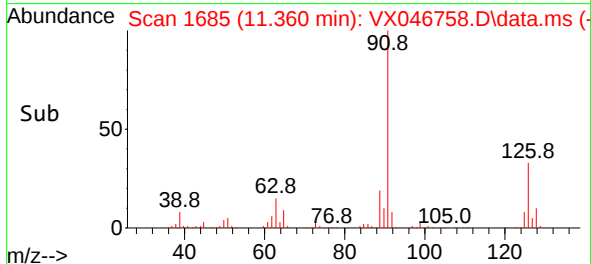
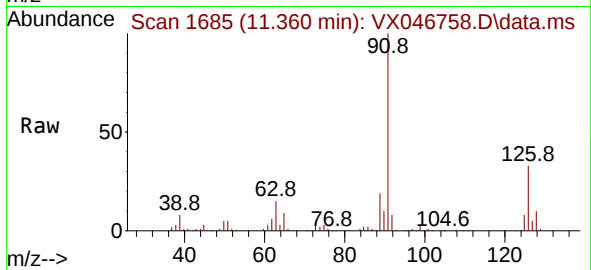
#79
2-Chlorotoluene
Concen: 49.529 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 250583
Ion Ratio Lower Upper
91 100
126 33.6 16.6 49.7

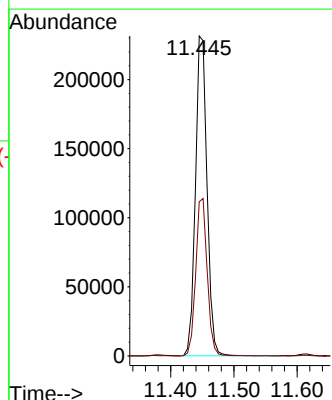
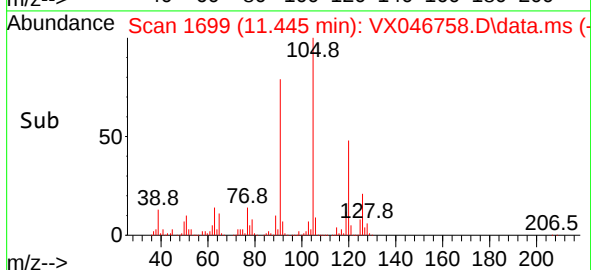
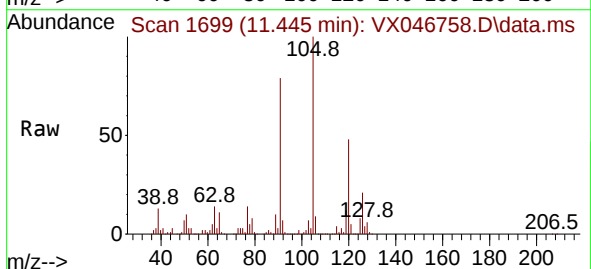
Manual Integrations
APPROVED

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



#80
1,3,5-Trimethylbenzene
Concen: 50.244 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion:105 Resp: 294565
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.2





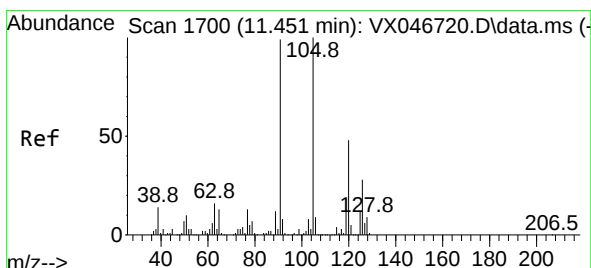
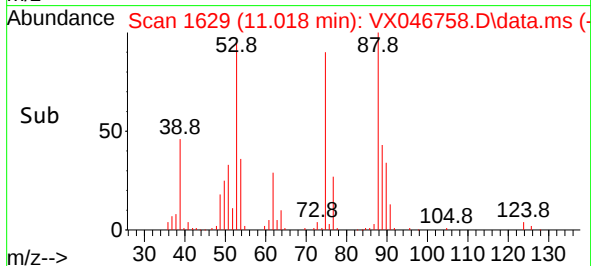
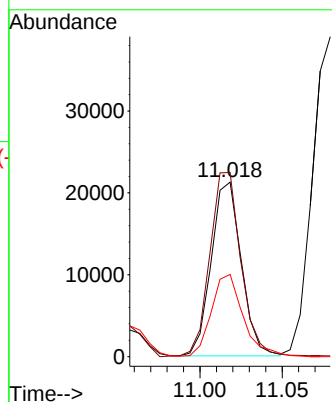
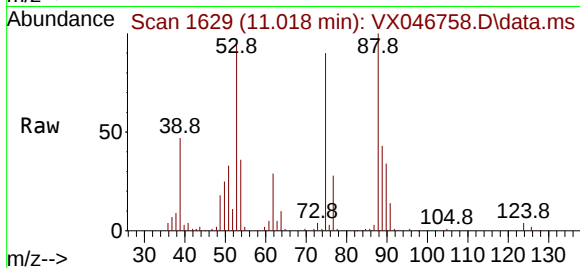
#81
trans-1,4-Dichloro-2-butene
Concen: 43.036 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2701
Ion Ratio Lower Upper
75 100
53 109.1 86.8 130.2
89 50.3 36.9 55.3

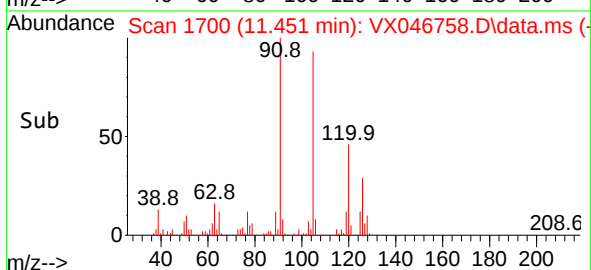
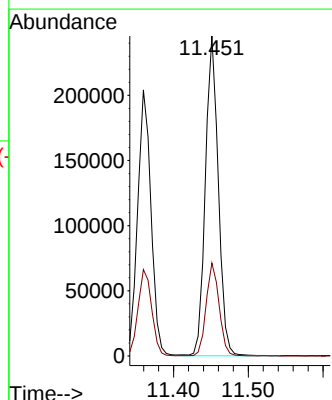
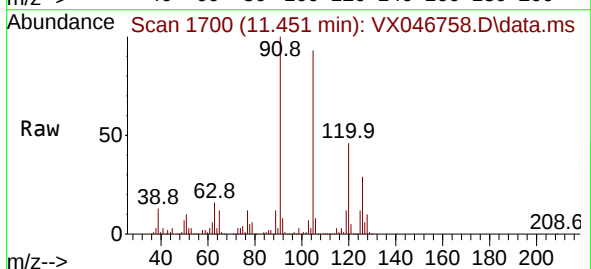
Manual Integrations
APPROVED

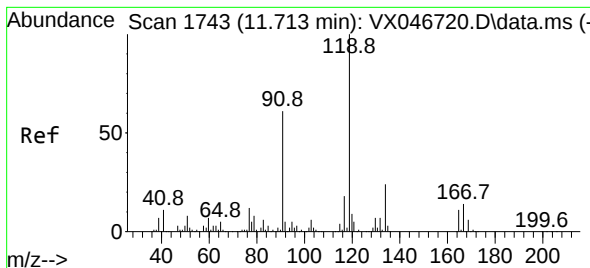
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#82
4-Chlorotoluene
Concen: 49.875 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 91 Resp: 294491
Ion Ratio Lower Upper
91 100
126 29.0 14.4 43.2





#83

tert-Butylbenzene

Concen: 49.891 ug/l

RT: 11.713 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

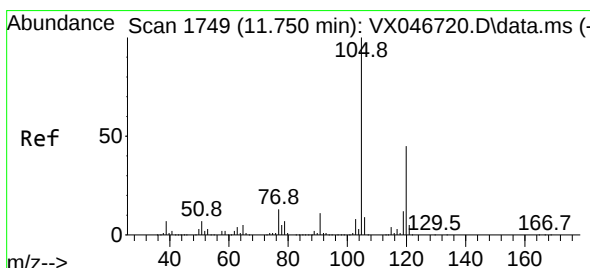
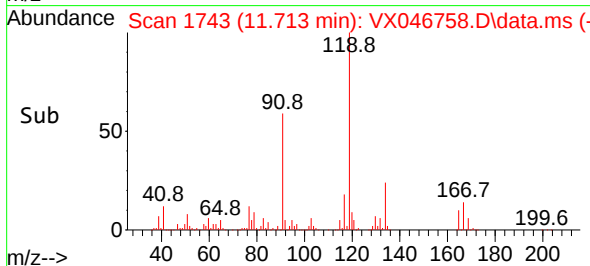
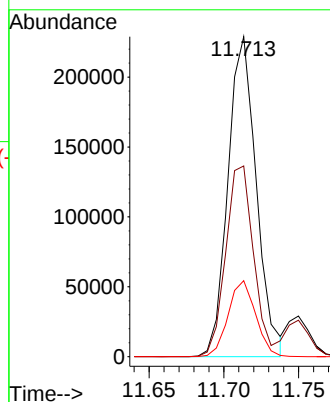
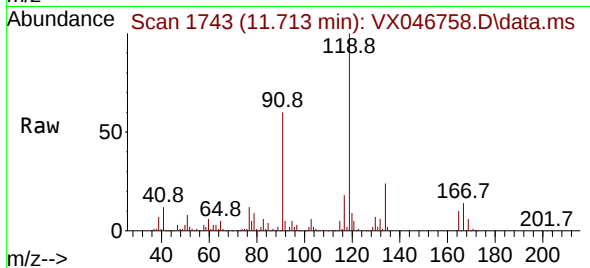
Tgt Ion:119 Resp: 302344
 Ion Ratio Lower Upper
 119 100
 91 58.1 29.5 88.6
 134 23.0 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#84

1,2,4-Trimethylbenzene

Concen: 50.692 ug/l

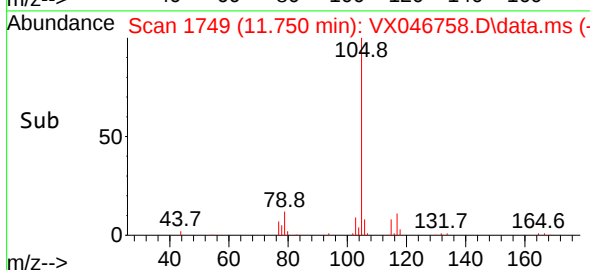
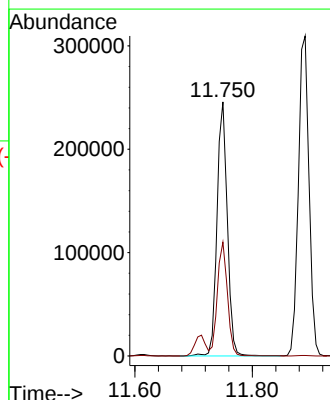
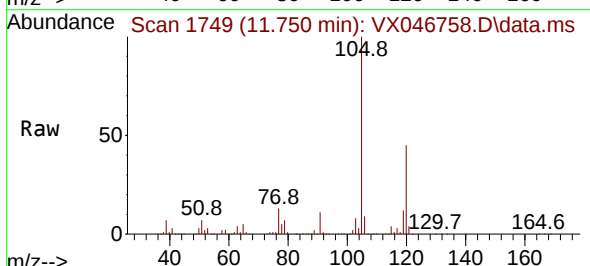
RT: 11.750 min Scan# 1749

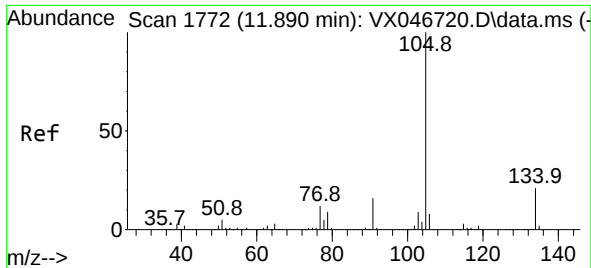
Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

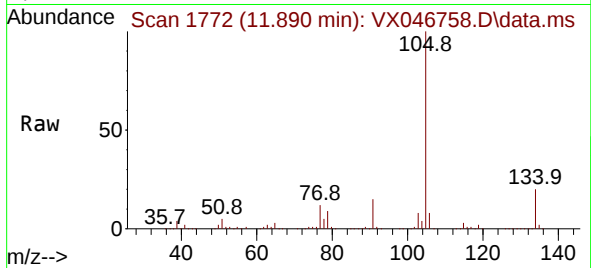
Tgt Ion:105 Resp: 298590
 Ion Ratio Lower Upper
 105 100
 120 44.1 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 50.841 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX046758.D
 Acq: 19 Jun 2025 09:43

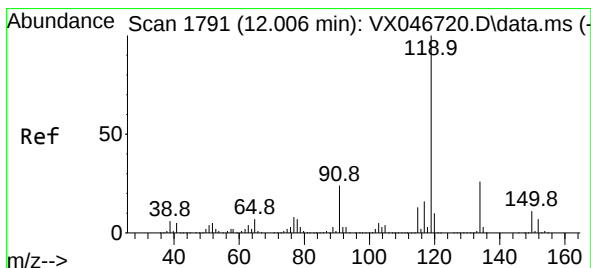
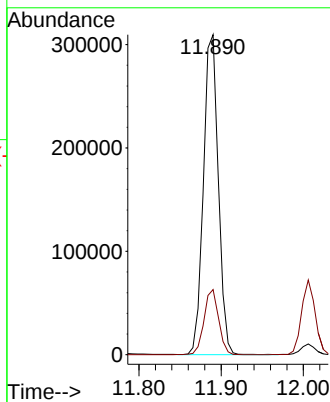
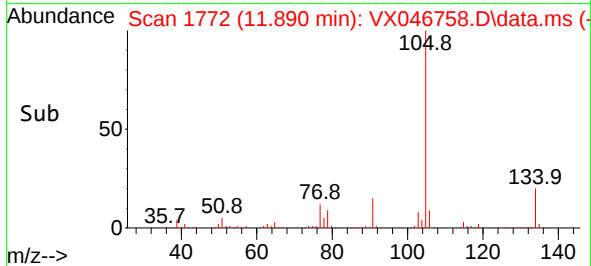
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



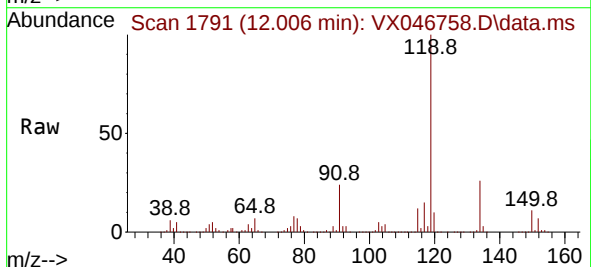
Tgt Ion:105 Resp: 38938
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4

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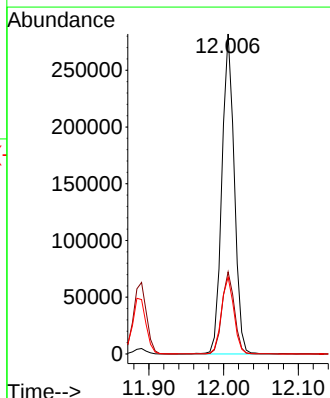
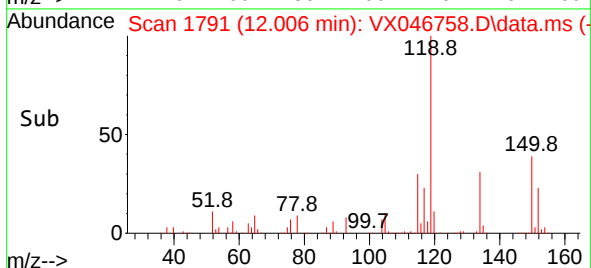
Reviewed By :John Carlone 06/20/2025
 Supervised By :Mahesh Dadoda 06/21/2025

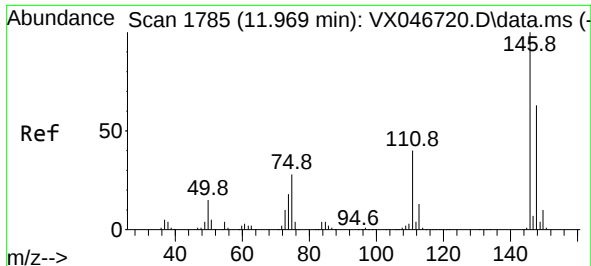


#86
 p-Isopropyltoluene
 Concen: 50.214 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046758.D
 Acq: 19 Jun 2025 09:43



Tgt Ion:119 Resp: 324490
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 24.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 48.338 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 16180

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.8

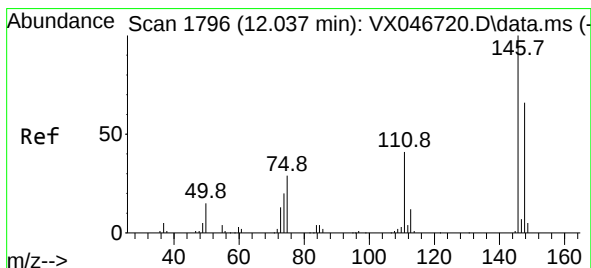
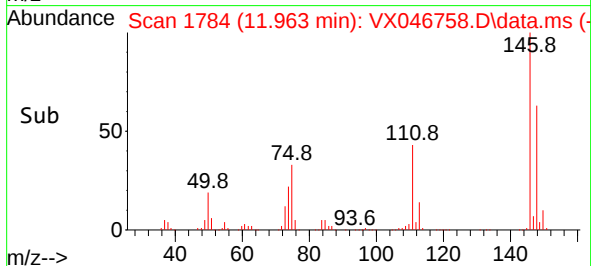
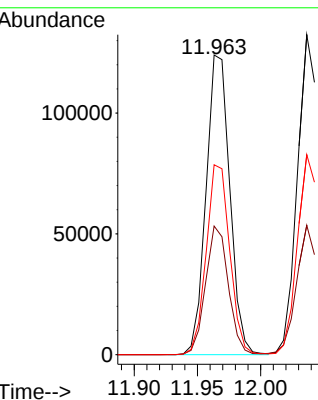
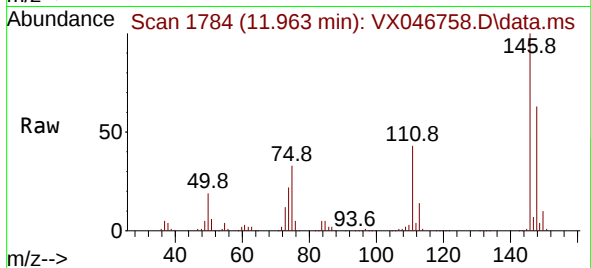
148 62.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#88

1,4-Dichlorobenzene

Concen: 47.705 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

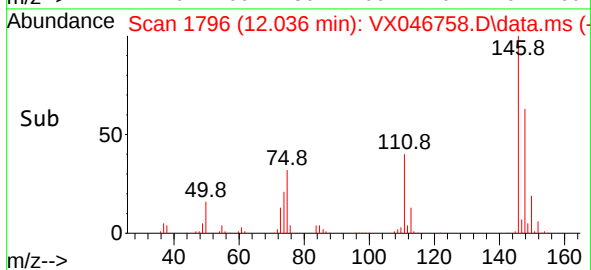
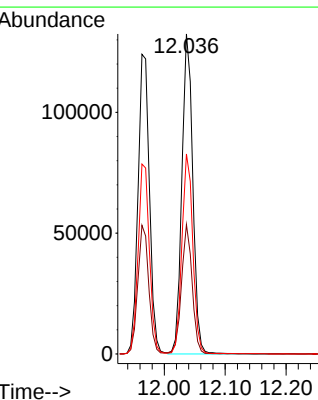
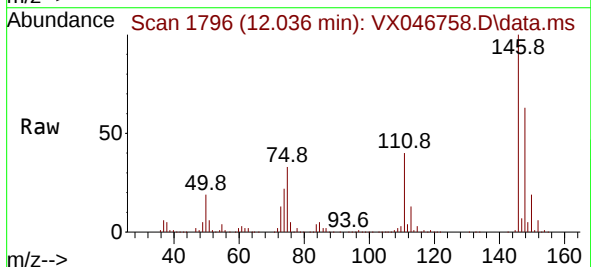
Tgt Ion:146 Resp: 164023

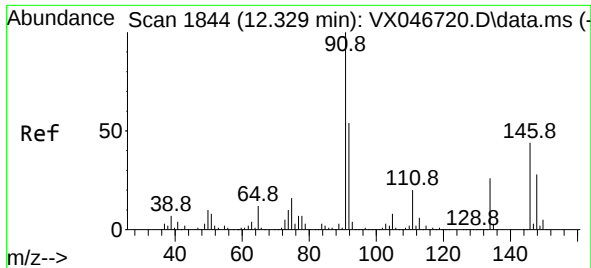
Ion Ratio Lower Upper

146 100

111 39.5 20.3 61.0

148 62.4 32.1 96.5





#89

n-Butylbenzene

Concen: 50.550 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

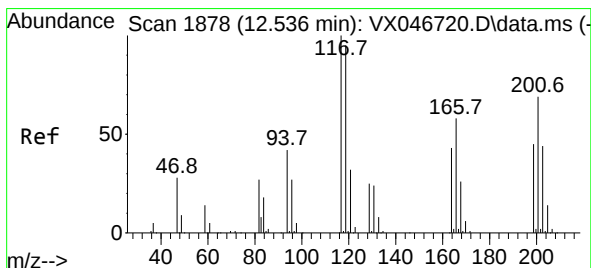
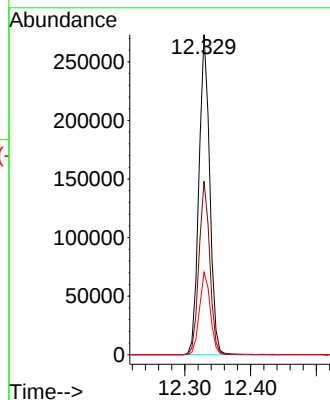
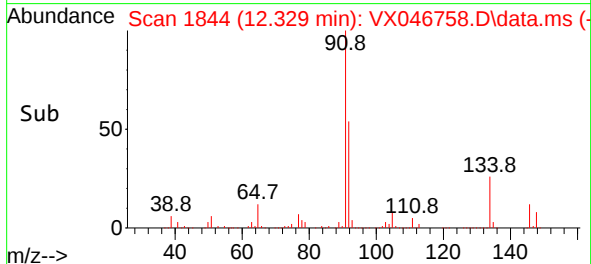
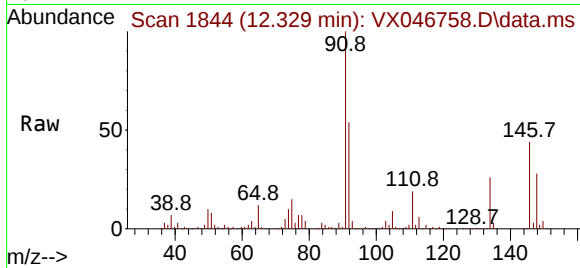
Tgt Ion: 91 Resp: 310154
 Ion Ratio Lower Upper
 91 100
 92 54.1 27.1 81.3
 134 25.9 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#90

Hexachloroethane

Concen: 48.837 ug/l

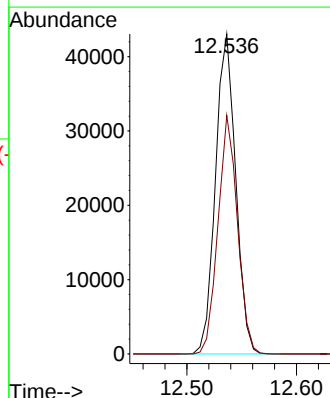
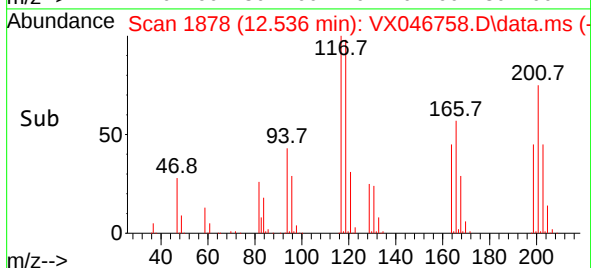
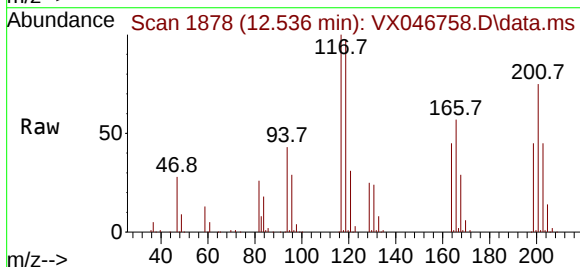
RT: 12.536 min Scan# 1878

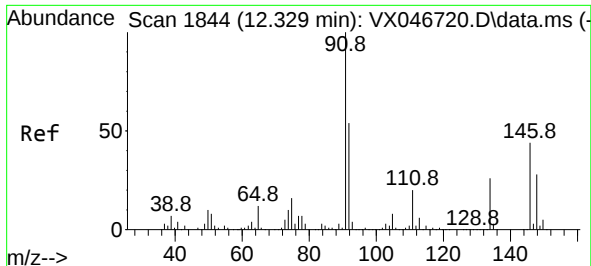
Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

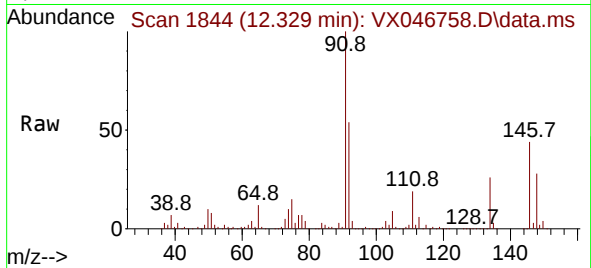
Tgt Ion:117 Resp: 55264
 Ion Ratio Lower Upper
 117 100
 201 71.8 34.4 103.3





#91
1,2-Dichlorobenzene
Concen: 49.496 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

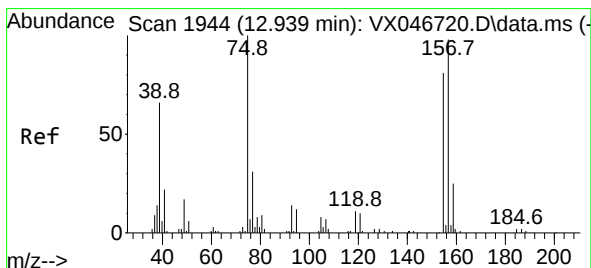
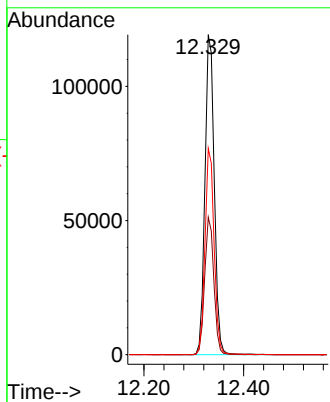
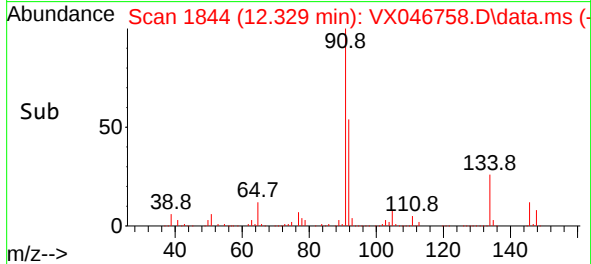
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 15483
Ion Ratio Lower Upper
146 100
111 42.3 21.7 65.1
148 63.1 32.0 96.2

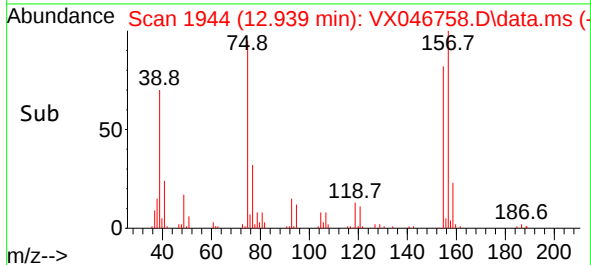
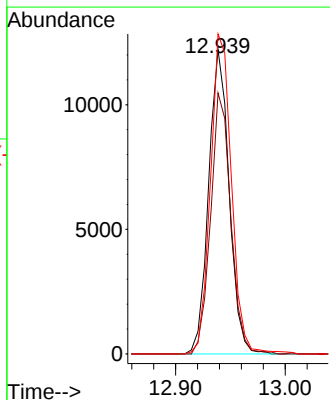
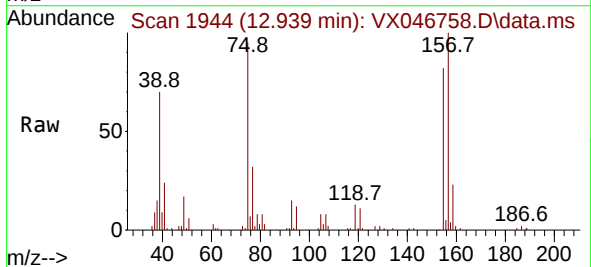
Manual Integrations
APPROVED

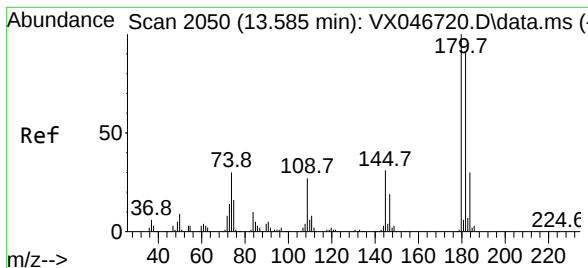
Reviewed By :John Carlone 06/20/2025
Supervised By :Mahesh Dadoda 06/21/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 40.348 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

Tgt Ion: 75 Resp: 15868
Ion Ratio Lower Upper
75 100
155 84.4 41.9 125.7
157 107.9 51.4 154.3





#93

1,2,4-Trichlorobenzene

Concen: 48.410 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 107660

Ion Ratio Lower Upper

180 100

182 95.9 46.7 140.1

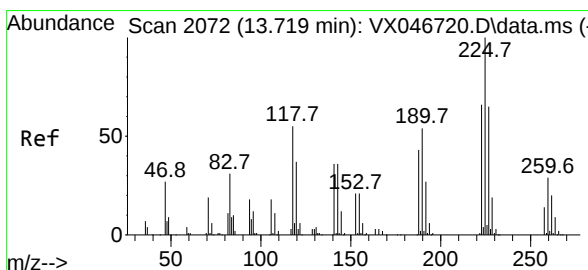
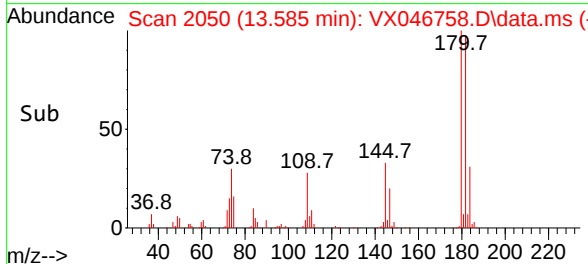
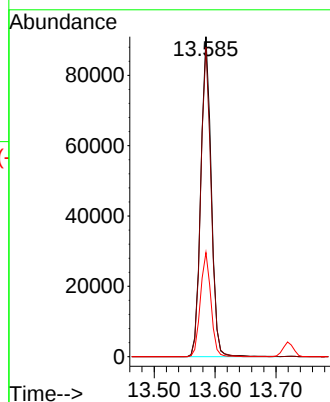
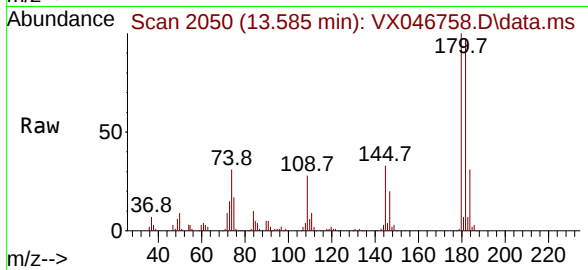
145 32.7 15.8 47.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2025

Supervised By :Mahesh Dadoda 06/21/2025



#94

Hexachlorobutadiene

Concen: 49.207 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.000 min

Lab File: VX046758.D

Acq: 19 Jun 2025 09:43

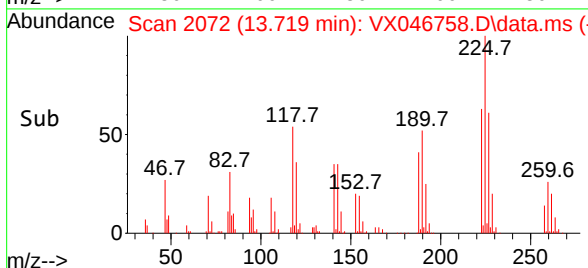
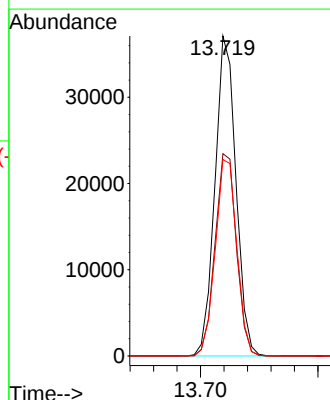
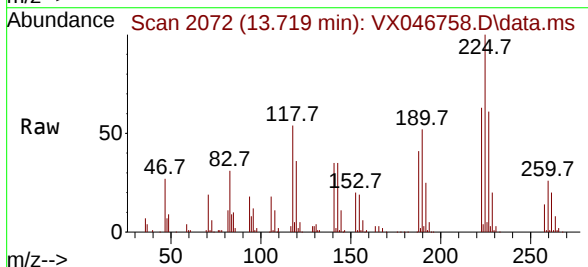
Tgt Ion:225 Resp: 46034

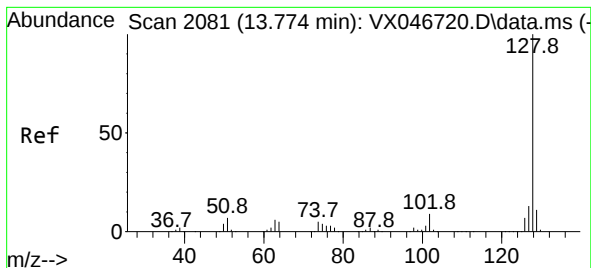
Ion Ratio Lower Upper

225 100

223 64.3 32.5 97.5

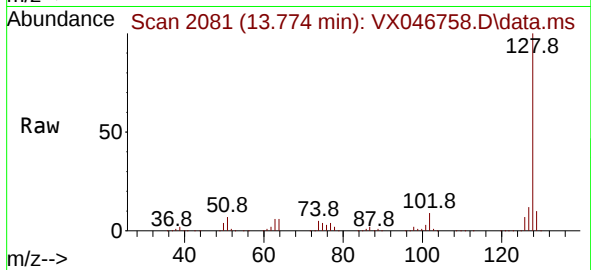
227 63.2 32.2 96.6





#95
Naphthalene
Concen: 45.216 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43

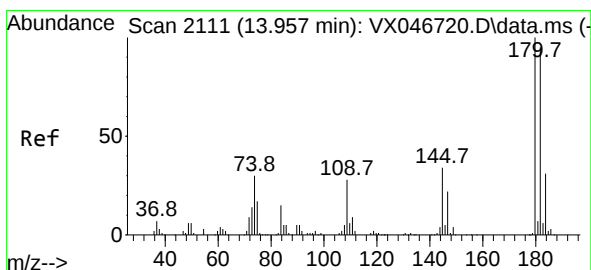
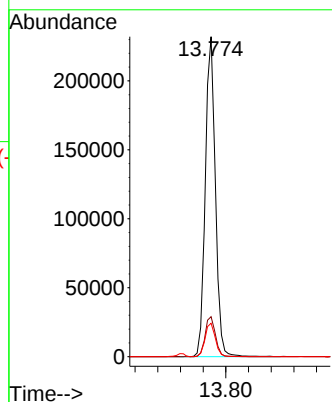
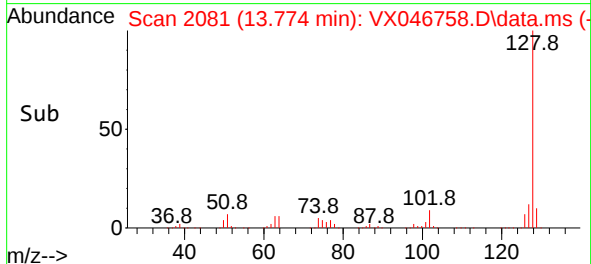
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



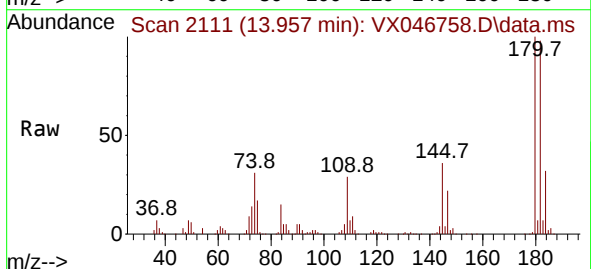
Tgt Ion:128 Resp: 28649
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 48.453 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046758.D
Acq: 19 Jun 2025 09:43



Tgt Ion:180 Resp: 103088
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.4
145 34.7 17.3 51.9

