

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071525\
 Data File : VX046988.D
 Acq On : 15 Jul 2025 10:18
 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 07/16/2025
 Supervised By : Mahesh Dadoda 07/16/2025

Quant Time: Jul 16 02:20:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	298555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	499158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	443564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	217822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214513	54.387	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.780%			
35) Dibromofluoromethane	5.391	113	178999	52.829	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.660%			
50) Toluene-d8	8.647	98	605167	50.622	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.240%			
62) 4-Bromofluorobenzene	11.079	95	242088	53.283	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.560%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	136314	47.742	ug/l	98
3) Chloromethane	1.306	50	144424	46.297	ug/l	100
4) Vinyl Chloride	1.386	62	161197	47.451	ug/l	98
5) Bromomethane	1.617	94	103355	47.351	ug/l	99
6) Chloroethane	1.703	64	107013	47.706	ug/l	98
7) Trichlorofluoromethane	1.904	101	270152	51.431	ug/l	99
8) Diethyl Ether	2.148	74	102078	54.608	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.343	101	174645	52.178	ug/l	99
10) Methyl Iodide	2.465	142	172384	47.274	ug/l	96
11) Tert butyl alcohol	2.959	59	105764	408.859	ug/l	99
12) 1,1-Dichloroethene	2.337	96	162804	50.288	ug/l	97
13) Acrolein	2.251	56	81952	286.283	ug/l	98
14) Allyl chloride	2.678	41	315442	54.728	ug/l	99
15) Acrylonitrile	3.068	53	467316	312.460	ug/l	99
16) Acetone	2.386	43	361327	294.924	ug/l	100
17) Carbon Disulfide	2.526	76	355879	41.917	ug/l	100
18) Methyl Acetate	2.715	43	249699	77.325	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	573793	62.763	ug/l	98
20) Methylene Chloride	2.800	84	190145	52.485	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	167974	50.706	ug/l	98
22) Diisopropyl ether	3.769	45	649158	58.297	ug/l	96
23) Vinyl Acetate	3.727	43	2500248	299.702	ug/l	99
24) 1,1-Dichloroethane	3.623	63	341985	53.850	ug/l	99
25) 2-Butanone	4.556	43	555541	339.868	ug/l	99
26) 2,2-Dichloropropane	4.483	77	269784	57.081	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	215597	53.305	ug/l	98
28) Bromochloromethane	4.903	49	162990	52.003	ug/l	96
29) Tetrahydrofuran	5.007	42	357784	343.369	ug/l	98
30) Chloroform	5.098	83	353090	54.421	ug/l	98
31) Cyclohexane	5.476	56	275627	48.888	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	295296	54.477	ug/l	99
36) 1,1-Dichloropropene	5.702	75	228659	50.018	ug/l	100
37) Ethyl Acetate	4.714	43	229448	58.928	ug/l	100
38) Carbon Tetrachloride	5.684	117	253764	52.505	ug/l	99
39) Methylcyclohexane	7.385	83	275451	48.168	ug/l	99
40) Benzene	6.043	78	707337	51.155	ug/l	98

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Quant Time: Jul 16 02:20:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	136262	65.603	ug/l	98
42) 1,2-Dichloroethane	6.086	62	255117	54.334	ug/l	98
43) Isopropyl Acetate	6.342	43	389961	65.387	ug/l	100
44) Trichloroethene	7.129	130	178562	49.609	ug/l	99
45) 1,2-Dichloropropane	7.433	63	186702	53.443	ug/l	100
46) Dibromomethane	7.580	93	129355	53.441	ug/l	99
47) Bromodichloromethane	7.824	83	278048	53.798	ug/l	97
48) Methyl methacrylate	7.696	41	204045	66.260	ug/l	97
49) 1,4-Dioxane	7.659	88	50379	1411.910	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	1173684	333.458	ug/l	99
52) Toluene	8.720	92	441353	51.509	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	268222	58.150	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	297348	56.477	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	176972	55.451	ug/l	98
56) Ethyl methacrylate	9.116	69	281832	63.802	ug/l	98
57) 1,3-Dichloropropane	9.305	76	300488	54.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	781053	313.811	ug/l	100
59) 2-Hexanone	9.427	43	810255	347.058	ug/l	99
60) Dibromochloromethane	9.518	129	209424	54.831	ug/l	98
61) 1,2-Dibromoethane	9.610	107	177904	55.503	ug/l	99
64) Tetrachloroethene	9.275	164	141010	47.747	ug/l	98
65) Chlorobenzene	10.079	112	499325	52.067	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	176346	54.701	ug/l	99
67) Ethyl Benzene	10.189	91	871908	53.090	ug/l	99
68) m/p-Xylenes	10.299	106	650006	105.033	ug/l	99
69) o-Xylene	10.640	106	317971	53.191	ug/l	99
70) Styrene	10.652	104	554502	54.216	ug/l	98
71) Bromoform	10.799	173	134923	56.287	ug/l	100
73) Isopropylbenzene	10.957	105	842977	55.052	ug/l	100
74) N-amyl acetate	10.841	43	351295	67.514	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	249784	59.324	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	209071m	62.119	ug/l	
77) Bromobenzene	11.195	156	206399	54.115	ug/l	97
78) n-propylbenzene	11.299	91	998163	54.061	ug/l	100
79) 2-Chlorotoluene	11.360	91	587745	53.911	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	691213	55.555	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	78932	62.934	ug/l	99
82) 4-Chlorotoluene	11.451	91	690973	54.922	ug/l	100
83) tert-Butylbenzene	11.713	119	712515	55.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	690267	54.888	ug/l	95
85) sec-Butylbenzene	11.890	105	882170	54.448	ug/l	100
86) p-Isopropyltoluene	12.006	119	734892	54.164	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	380859	53.393	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	380835	51.299	ug/l	99
89) n-Butylbenzene	12.329	91	683574	53.620	ug/l	100
90) Hexachloroethane	12.536	117	128960	53.616	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	367044	53.099	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	49161	66.756	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	255734	54.458	ug/l	100
94) Hexachlorobutadiene	13.719	225	91363	51.589	ug/l	99
95) Naphthalene	13.774	128	778201	62.888	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	245654	55.364	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

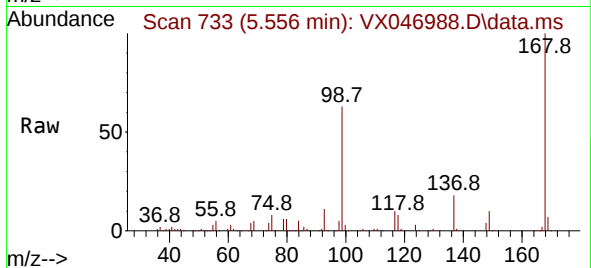
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

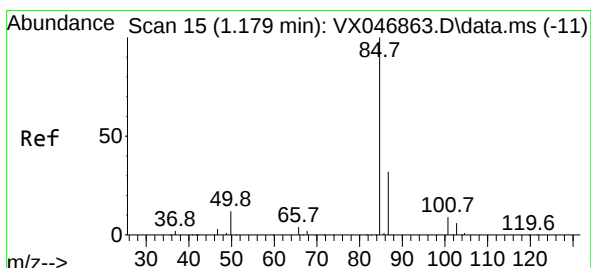
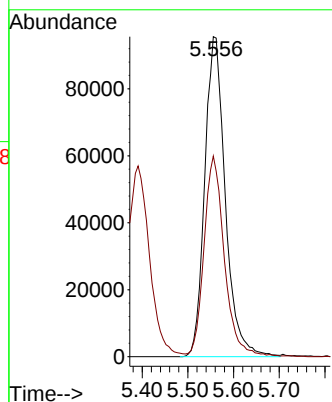
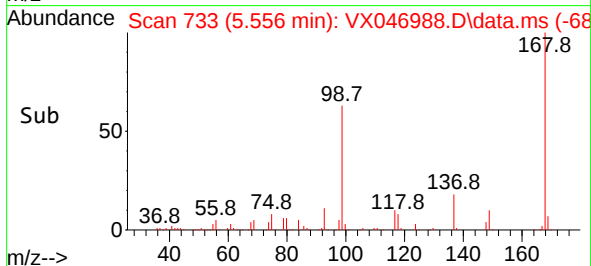
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 29855
Ion Ratio Lower Upper
168 100
99 62.5 48.8 73.2

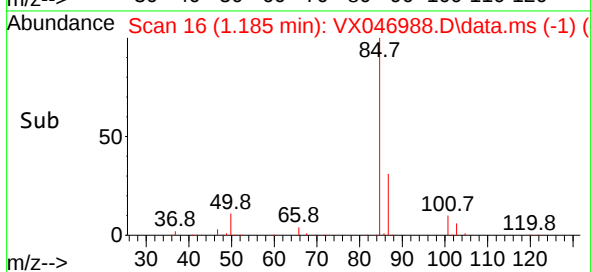
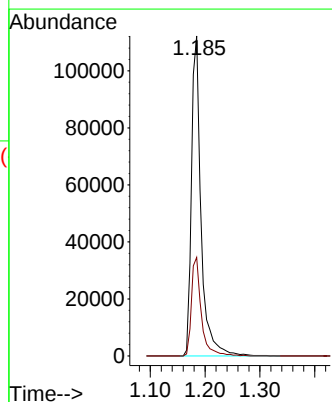
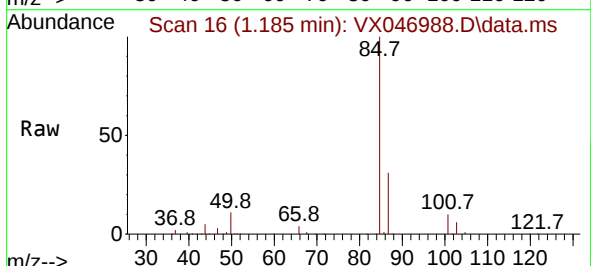
Manual Integrations
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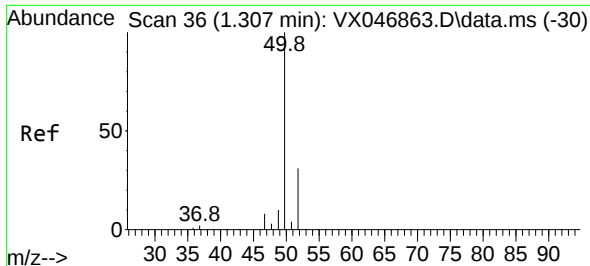
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#2
Dichlorodifluoromethane
Concen: 47.742 ug/l
RT: 1.185 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

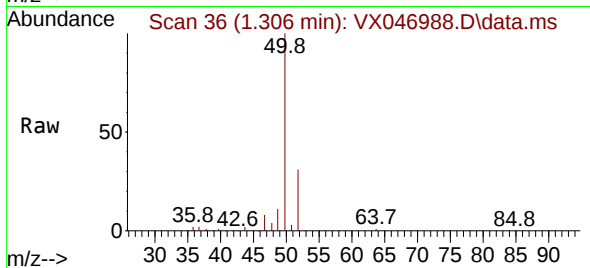
Tgt Ion: 85 Resp: 136314
Ion Ratio Lower Upper
85 100
87 30.8 16.0 47.9





#3
Chloromethane
Concen: 46.297 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

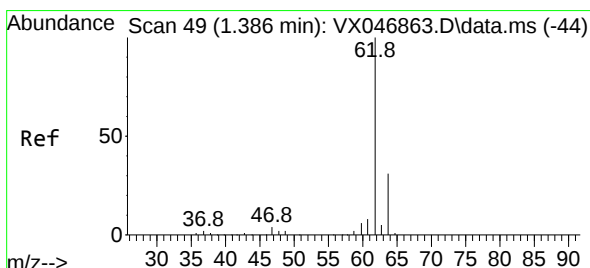
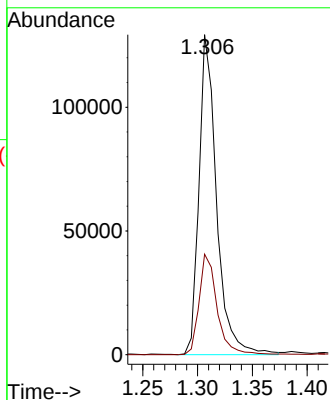
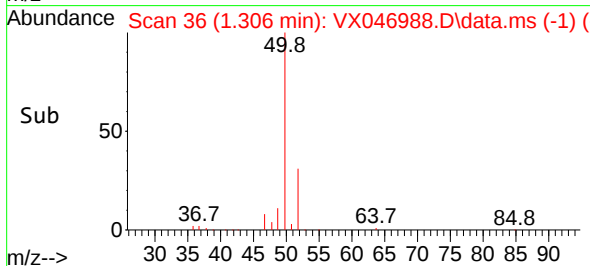
Instrument :
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Tgt Ion: 50 Resp: 144424
Ion Ratio Lower Upper
50 100
52 31.4 25.0 37.4

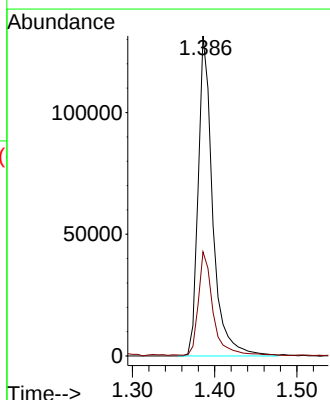
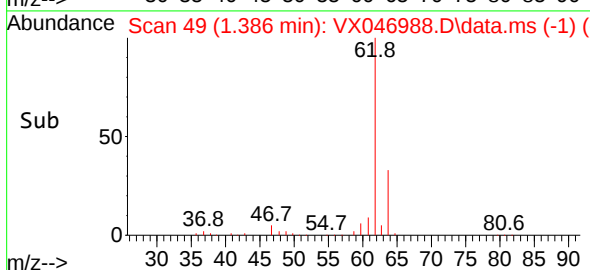
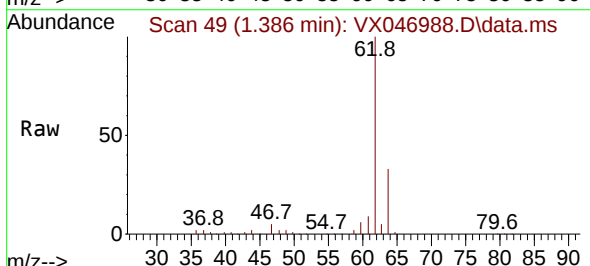
Manual Integrations
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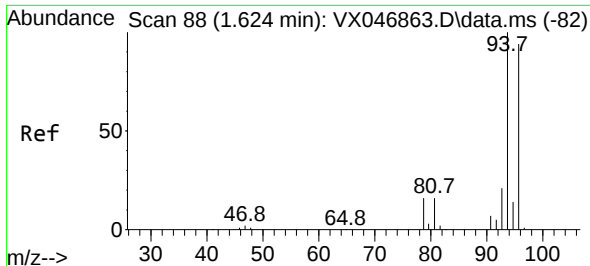
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#4
Vinyl Chloride
Concen: 47.451 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

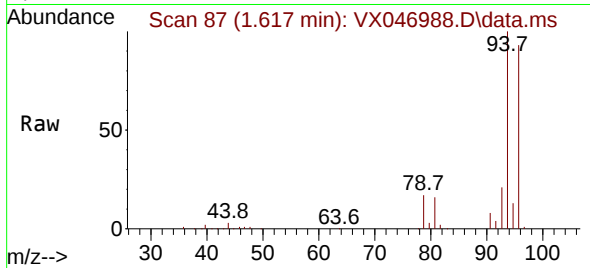
Tgt Ion: 62 Resp: 161197
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 47.351 ug/l
RT: 1.617 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

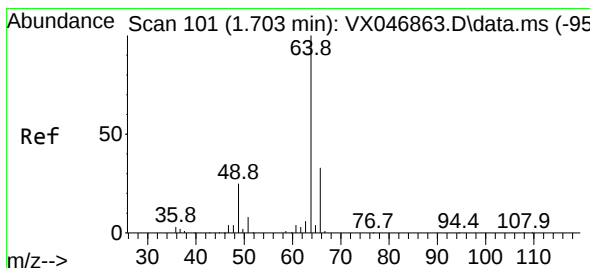
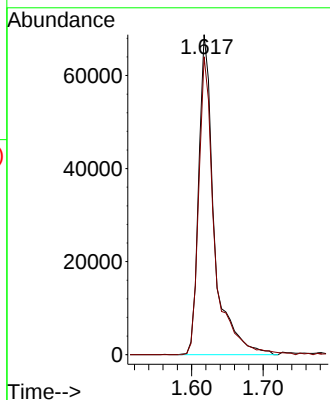
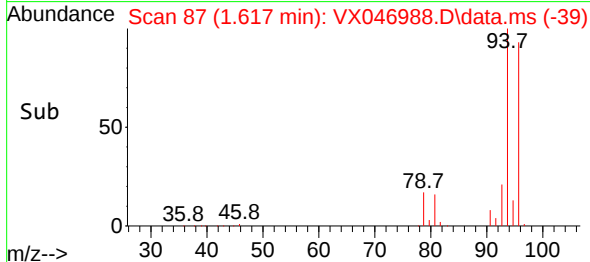
Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 10335
Ion Ratio Lower Upper
94 100
96 93.1 75.5 113.3

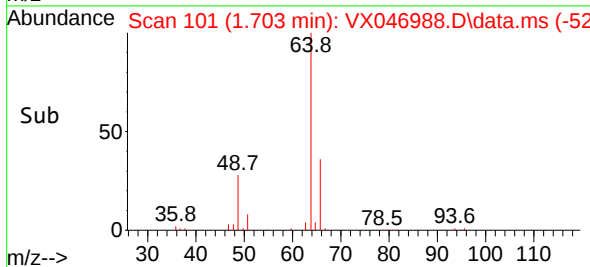
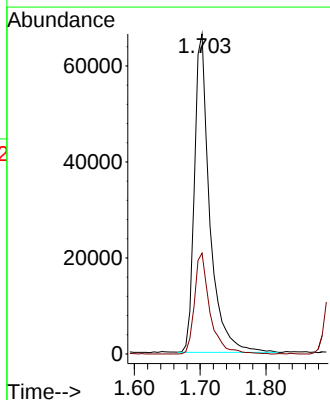
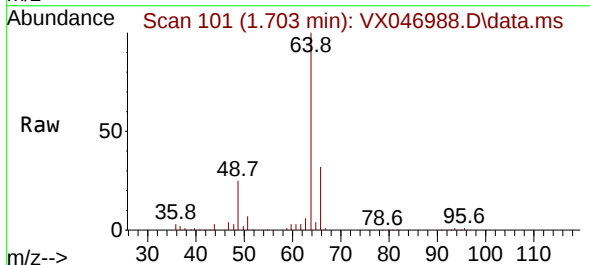
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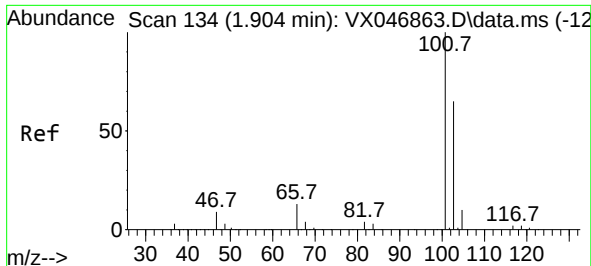
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#6
Chloroethane
Concen: 47.706 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

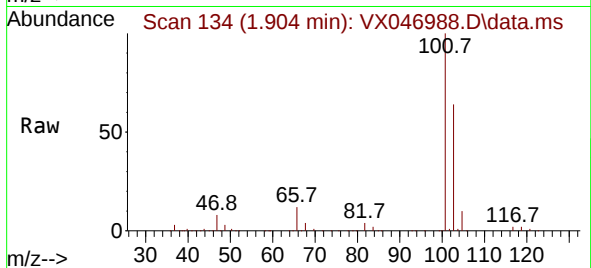
Tgt Ion: 64 Resp: 107013
Ion Ratio Lower Upper
64 100
66 31.7 26.4 39.6





#7
Trichlorofluoromethane
Concen: 51.431 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

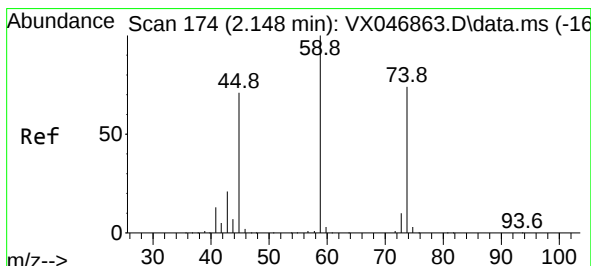
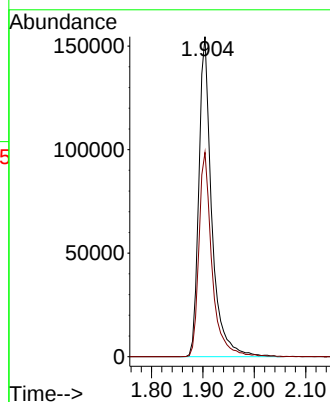
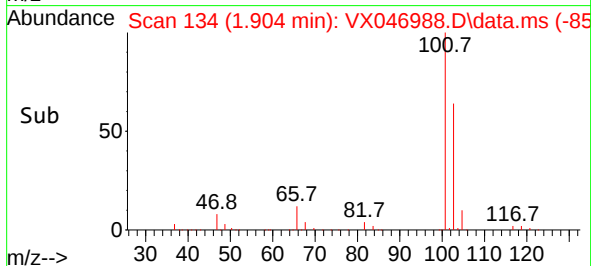
Instrument :
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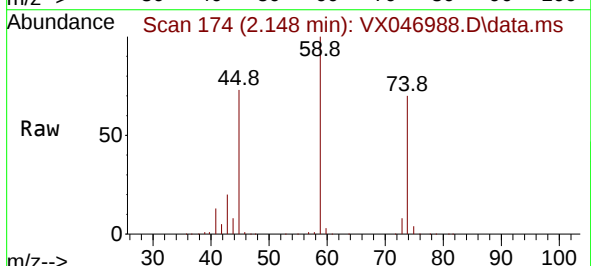
Tgt Ion:101 Resp: 270152
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

Manual Integrations
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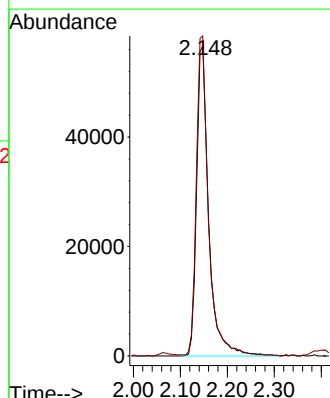
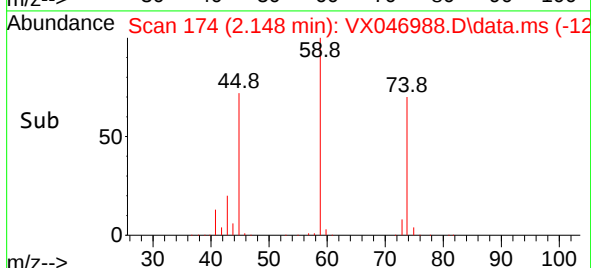
Reviewed By :John Carlone 07/16/2025
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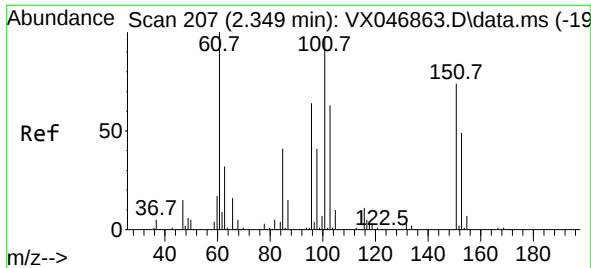


#8
Diethyl Ether
Concen: 54.608 ug/l
RT: 2.148 min Scan# 174
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion: 74 Resp: 102078
Ion Ratio Lower Upper
74 100
45 104.3 50.7 152.1





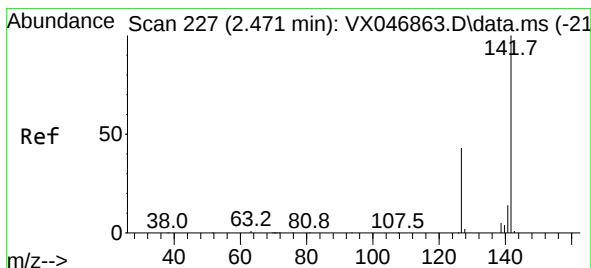
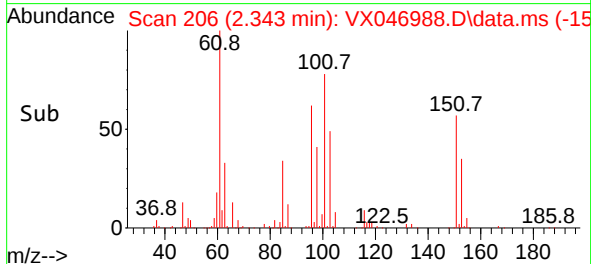
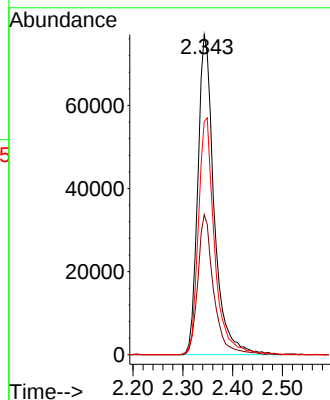
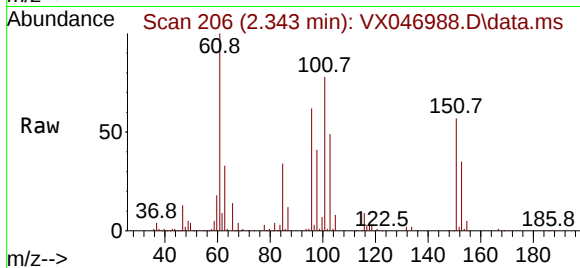
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.178 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 17464
Ion Ratio Lower Upper
101 100
85 42.6 34.3 51.5
151 73.8 59.9 89.9

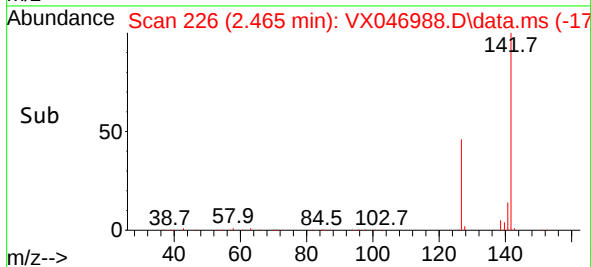
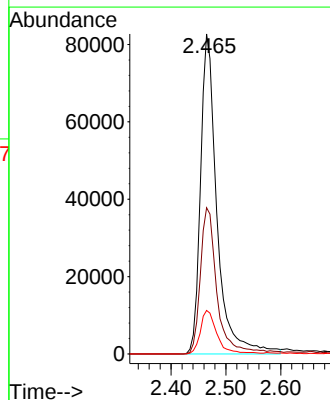
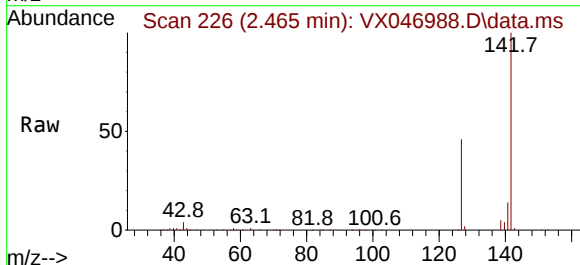
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APPROVED

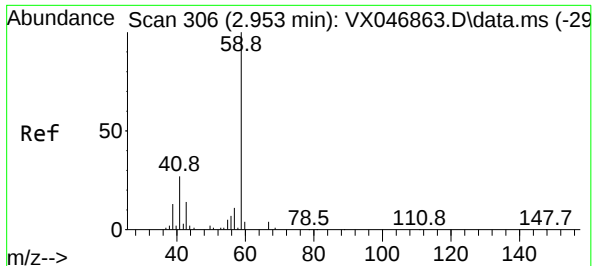
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#10
Methyl Iodide
Concen: 47.274 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion:142 Resp: 172384
Ion Ratio Lower Upper
142 100
127 46.7 34.9 52.3
141 13.8 11.1 16.7





#11

Tert butyl alcohol

Concen: 408.859 ug/l

RT: 2.959 min Scan# 306

Delta R.T. 0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 105764

Ion Ratio Lower Upper

59 100

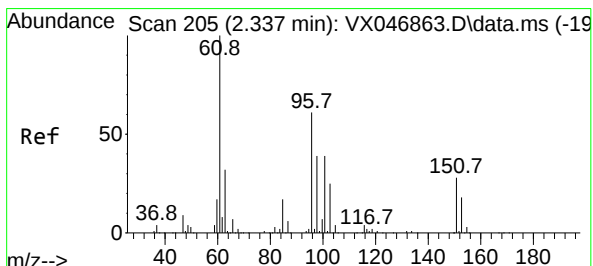
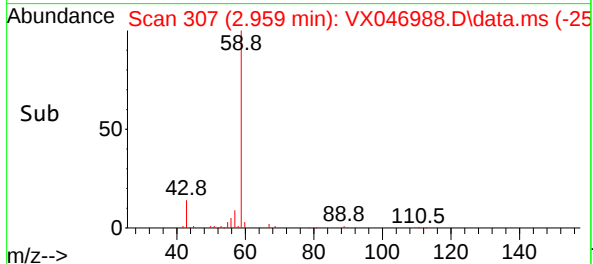
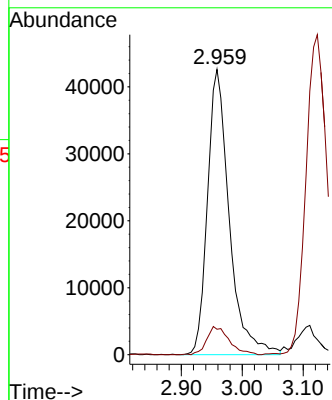
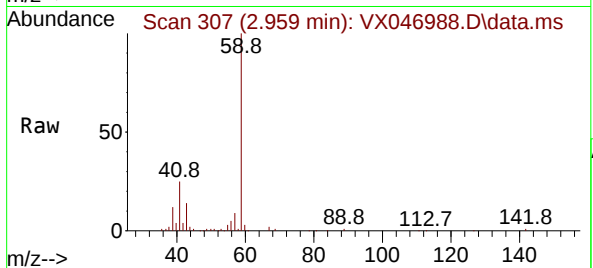
57 10.2 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#12

1,1-Dichloroethene

Concen: 50.288 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

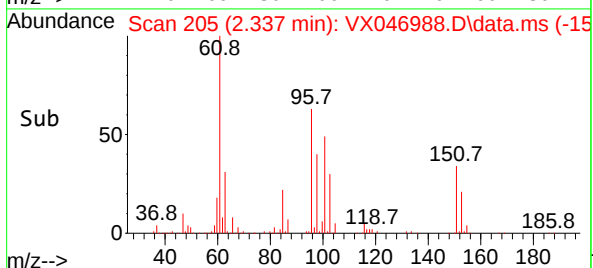
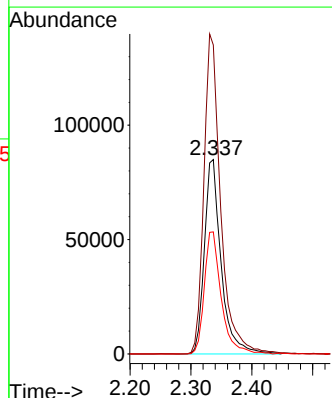
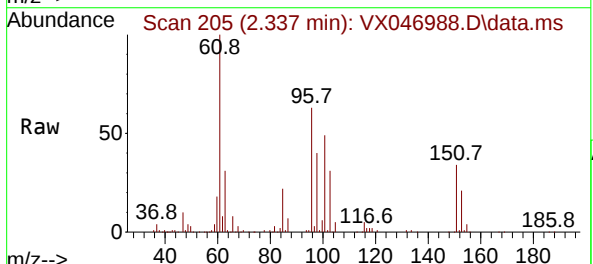
Tgt Ion: 96 Resp: 162804

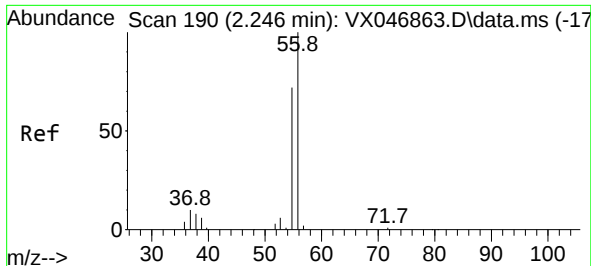
Ion Ratio Lower Upper

96 100

61 158.9 130.2 195.4

98 62.8 51.3 76.9





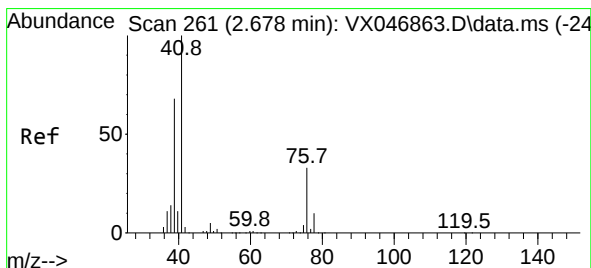
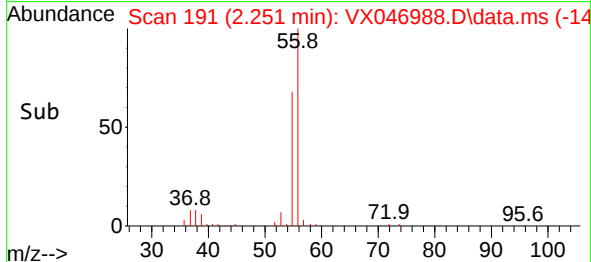
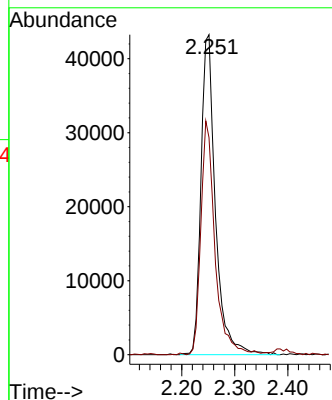
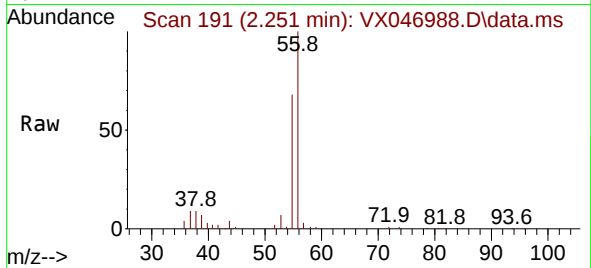
#13
Acrolein
Concen: 286.283 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.005 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 81952
Ion Ratio Lower Upper
56 100
55 71.4 55.5 83.3

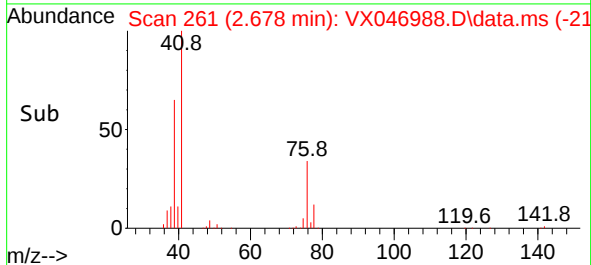
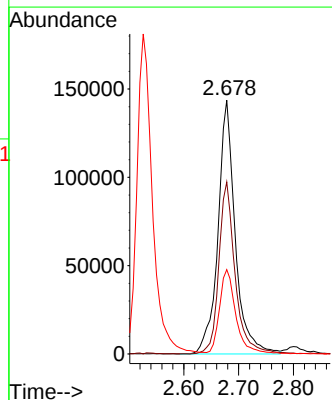
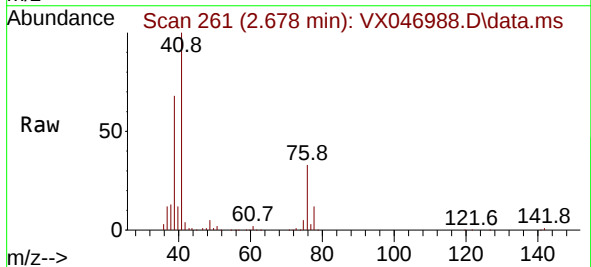
Manual Integrations
APPROVED

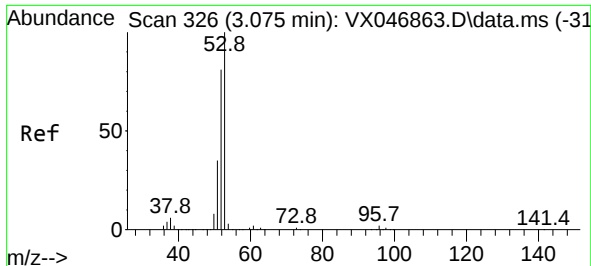
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#14
Allyl chloride
Concen: 54.728 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

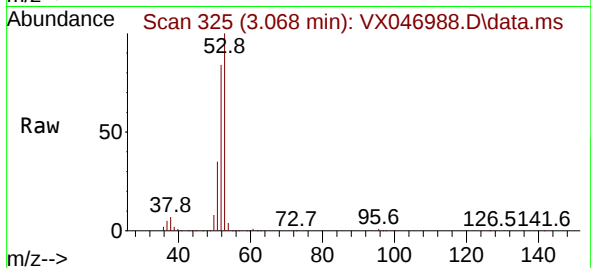
Tgt Ion: 41 Resp: 315442
Ion Ratio Lower Upper
41 100
39 64.4 52.0 78.0
76 31.9 26.2 39.2





#15
Acrylonitrile
Concen: 312.460 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

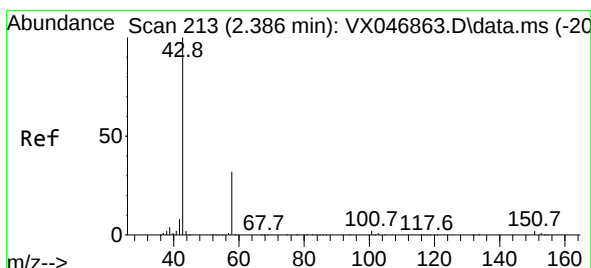
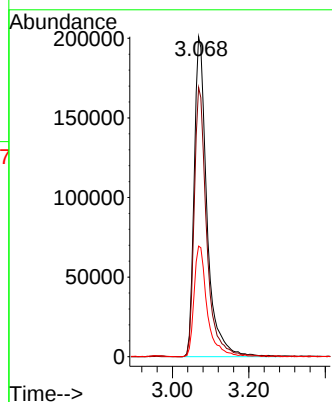
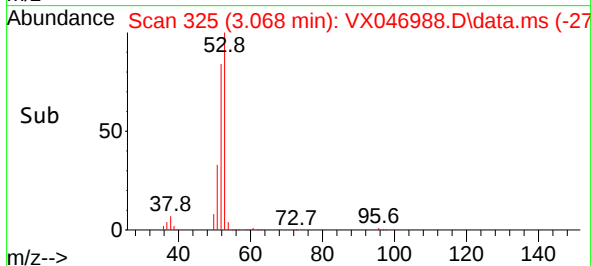
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 467310
Ion Ratio Lower Upper
53 100
52 82.0 66.0 99.0
51 35.5 28.6 43.0

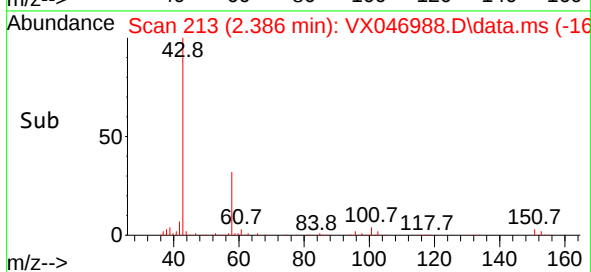
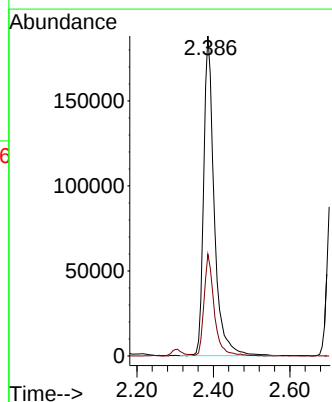
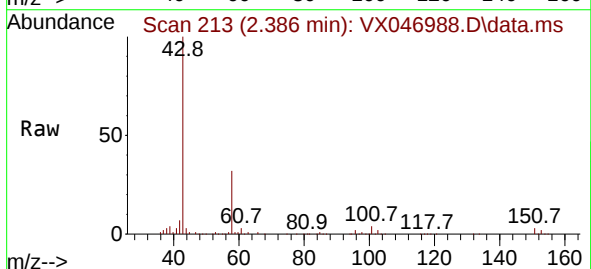
Manual Integrations
APPROVED

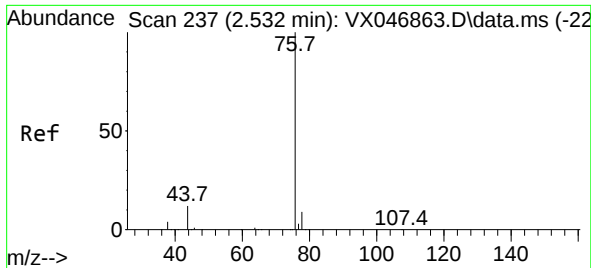
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#16
Acetone
Concen: 294.924 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

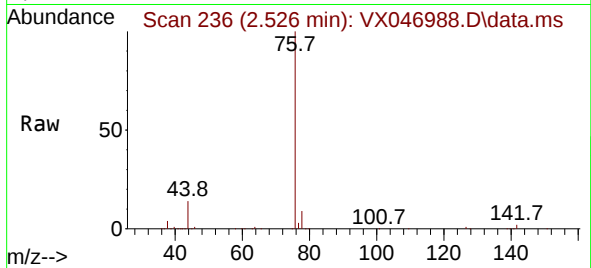
Tgt Ion: 43 Resp: 361327
Ion Ratio Lower Upper
43 100
58 32.0 25.8 38.6





#17
Carbon Disulfide
Concen: 41.917 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

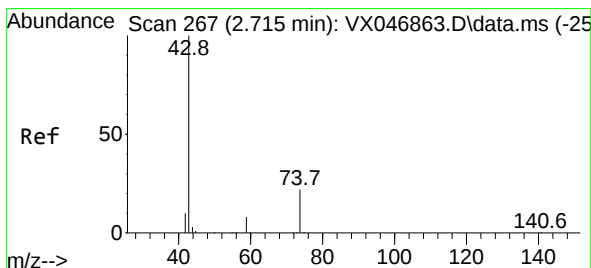
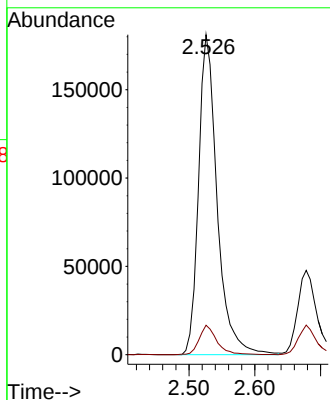
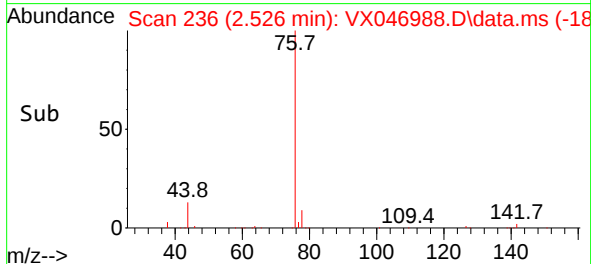
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 355879
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

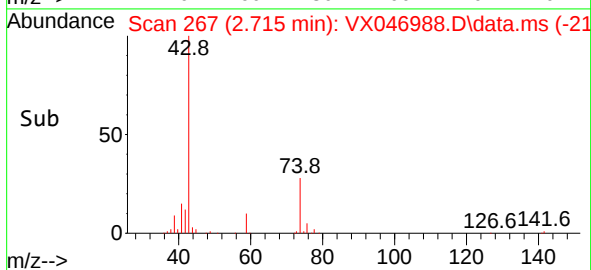
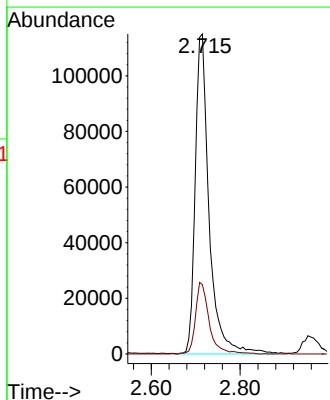
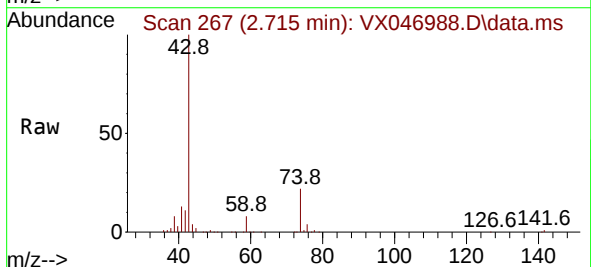
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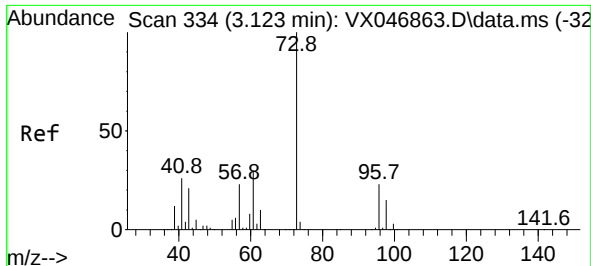
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#18
Methyl Acetate
Concen: 77.325 ug/l
RT: 2.715 min Scan# 267
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion: 43 Resp: 249699
Ion Ratio Lower Upper
43 100
74 22.0 18.3 27.5





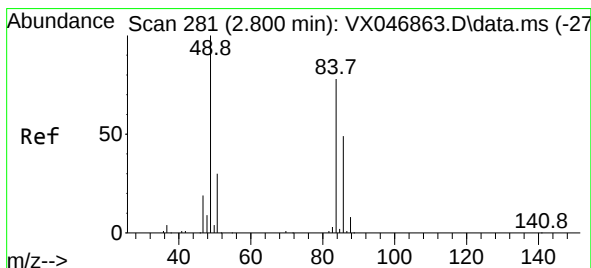
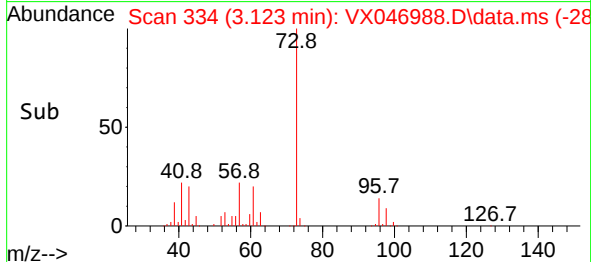
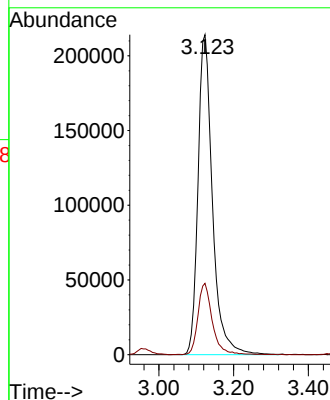
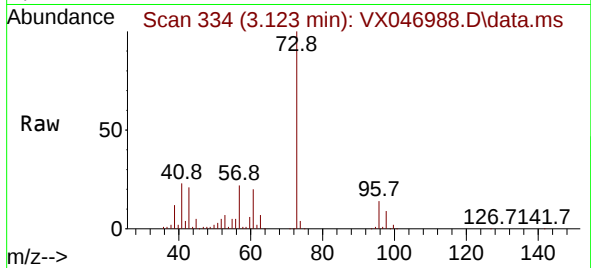
#19
Methyl tert-butyl Ether
Concen: 62.763 ug/l
RT: 3.123 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 57379
Ion Ratio Lower Upper
73 100
57 22.2 18.6 28.0

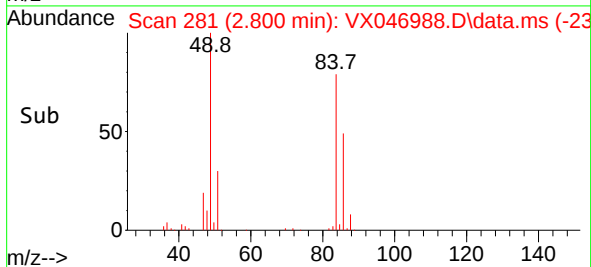
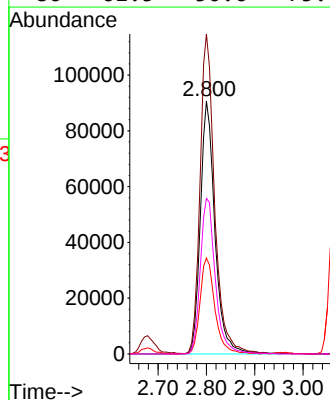
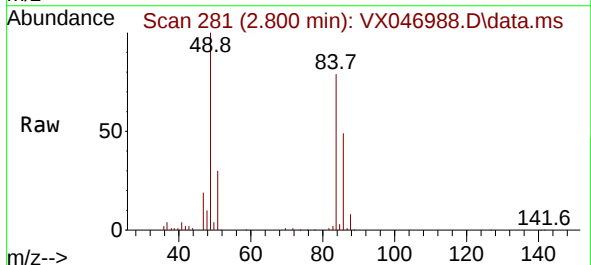
Manual Integrations
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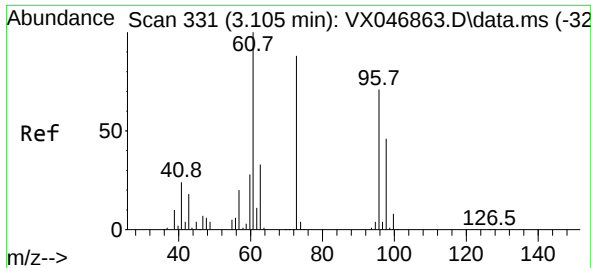
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#20
Methylene Chloride
Concen: 52.485 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

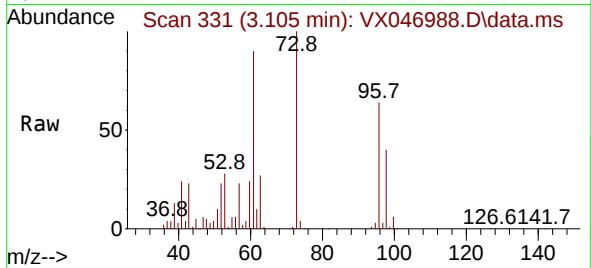
Tgt Ion: 84 Resp: 190145
Ion Ratio Lower Upper
84 100
49 126.2 102.8 154.2
51 37.8 31.1 46.7
86 61.5 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 50.706 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

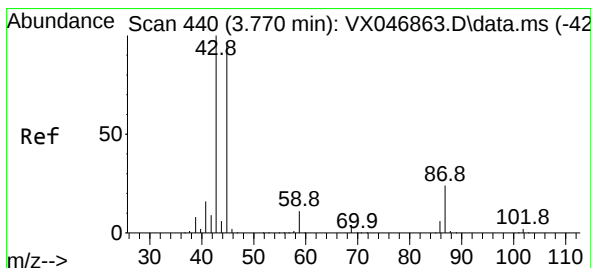
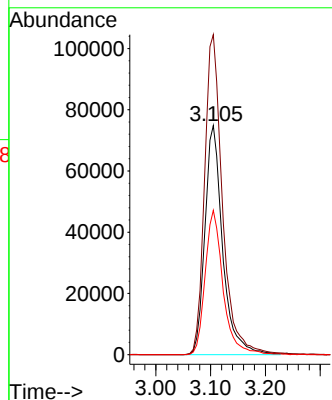
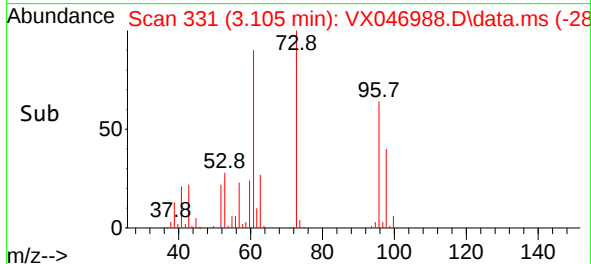
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 167974
Ion Ratio Lower Upper
96 100
61 139.6 113.4 170.2
98 63.0 51.8 77.6

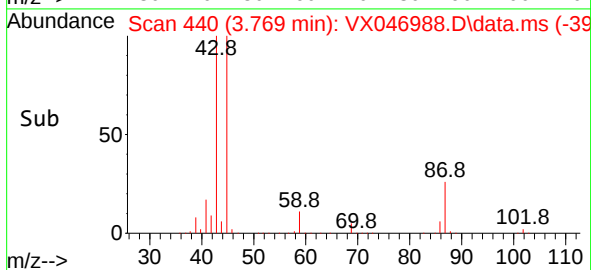
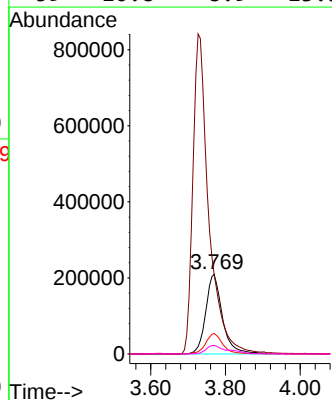
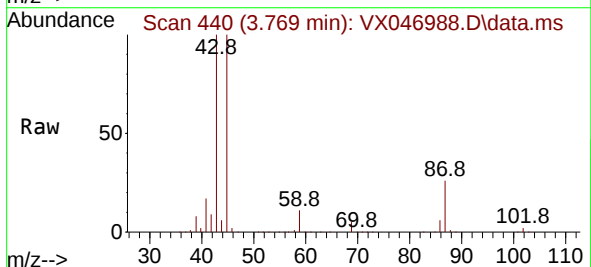
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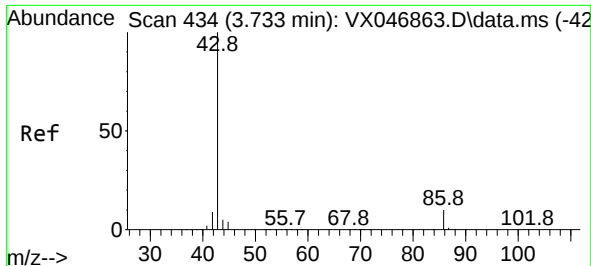
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#22
Diisopropyl ether
Concen: 58.297 ug/l
RT: 3.769 min Scan# 440
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion: 45 Resp: 649158
Ion Ratio Lower Upper
45 100
43 100.2 84.2 126.4
87 25.6 20.3 30.5
59 10.8 8.9 13.3





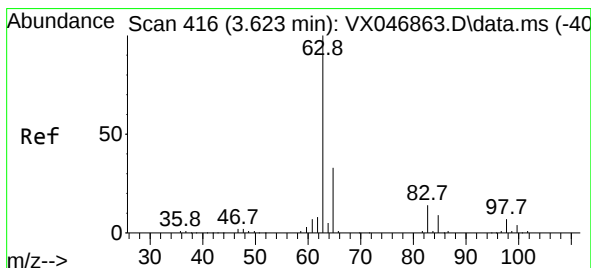
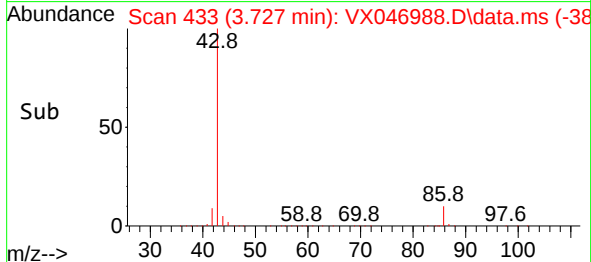
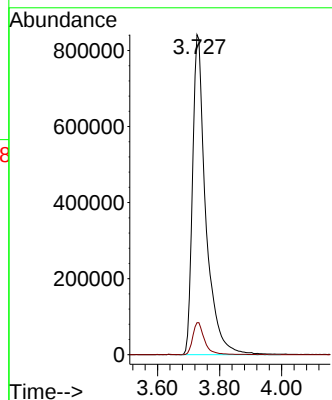
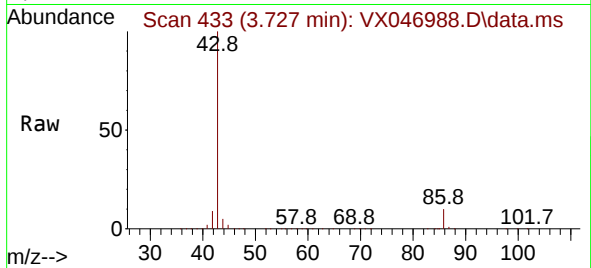
#23
 Vinyl Acetate
 Concen: 299.702 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX046988.D
 Acq: 15 Jul 2025 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 250024
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.4

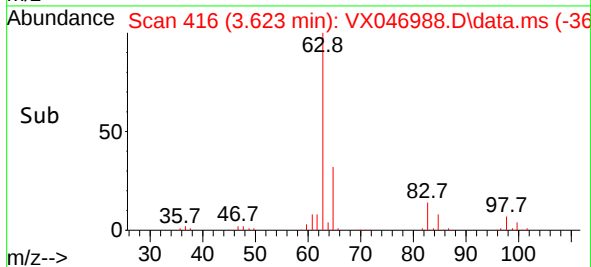
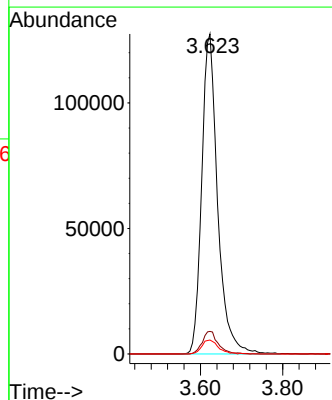
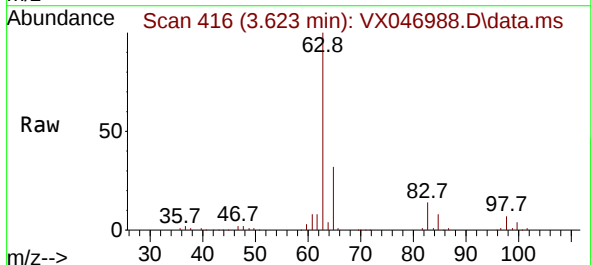
Manual Integrations
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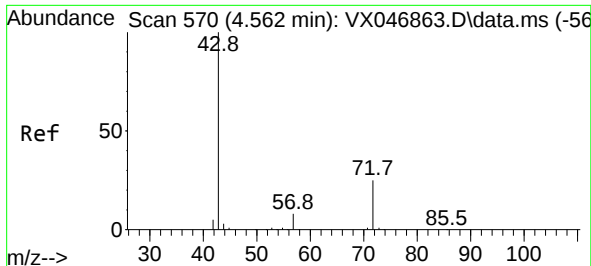
Reviewed By :John Carlone 07/16/2025
 Supervised By :Mahesh Dadoda 07/16/2025



#24
 1,1-Dichloroethane
 Concen: 53.850 ug/l
 RT: 3.623 min Scan# 416
 Delta R.T. -0.000 min
 Lab File: VX046988.D
 Acq: 15 Jul 2025 10:18

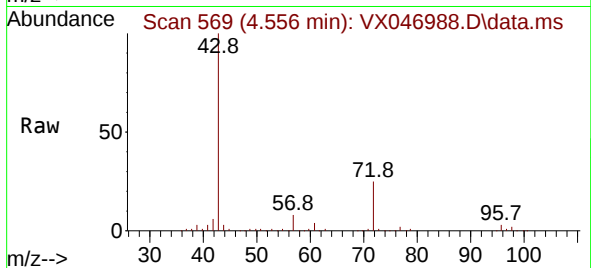
Tgt Ion: 63 Resp: 341985
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.5 2.3 6.9





#25
2-Butanone
Concen: 339.868 ug/l
RT: 4.556 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

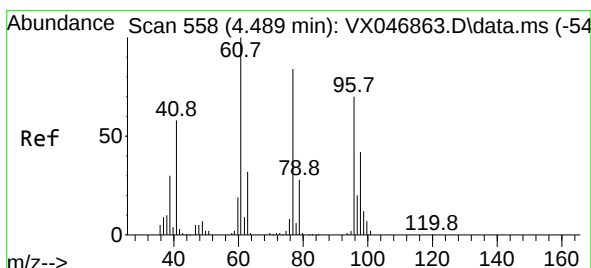
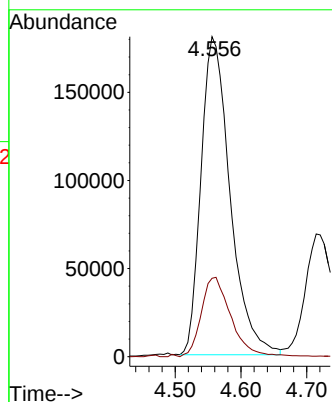
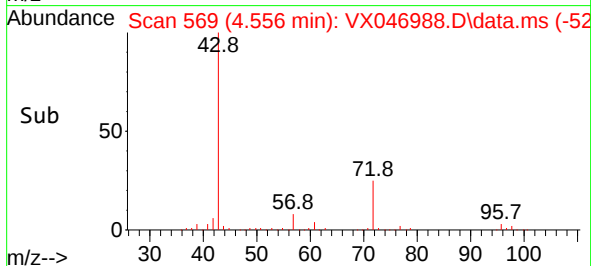
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



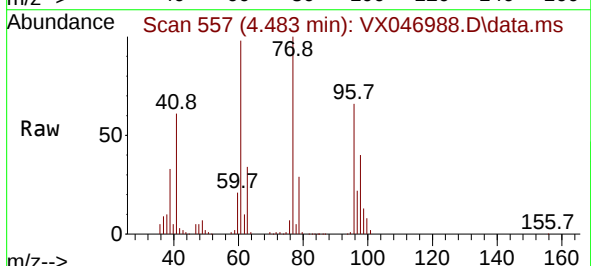
Tgt Ion: 43 Resp: 55554
Ion Ratio Lower Upper
43 100
72 24.7 20.0 30.0

Manual Integrations
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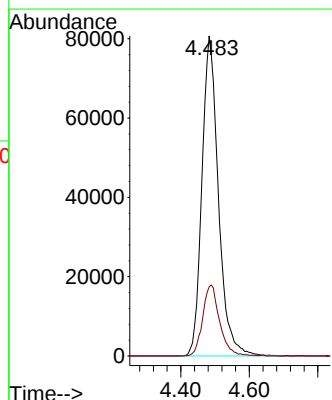
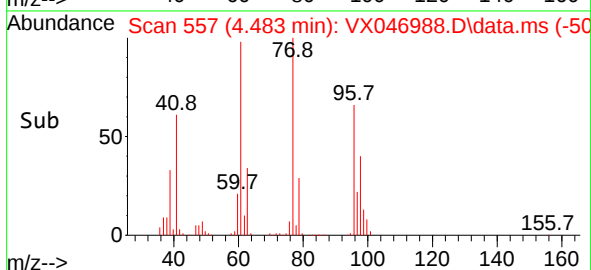
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#26
2,2-Dichloropropane
Concen: 57.081 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion: 77 Resp: 269784
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 53.305 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 21559

Ion Ratio Lower Upper

96 100

61 146.5 0.0 288.6

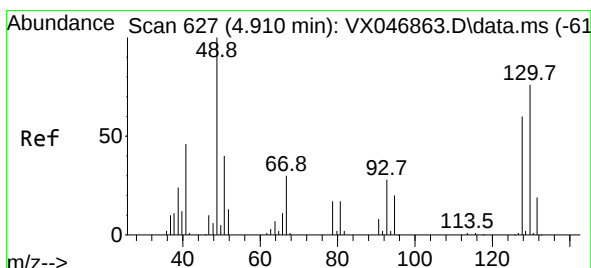
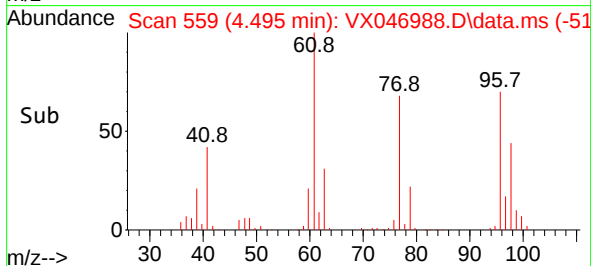
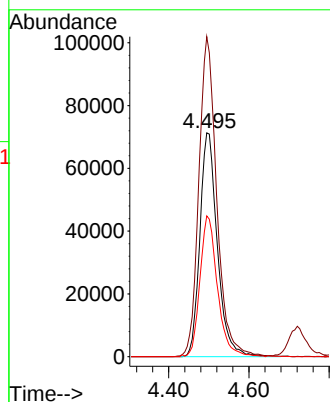
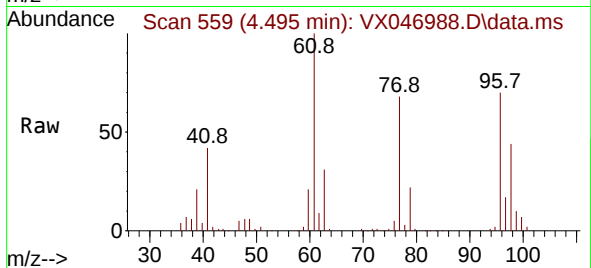
98 62.9 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#28

Bromochloromethane

Concen: 52.003 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

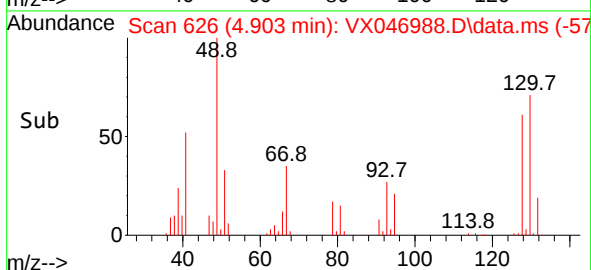
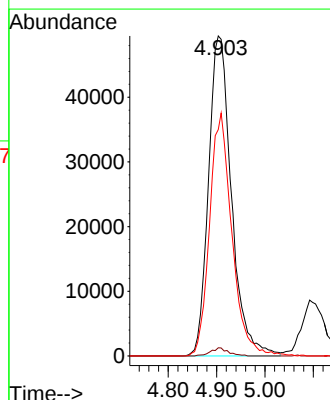
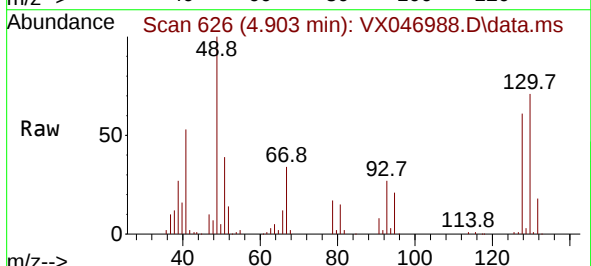
Tgt Ion: 49 Resp: 162990

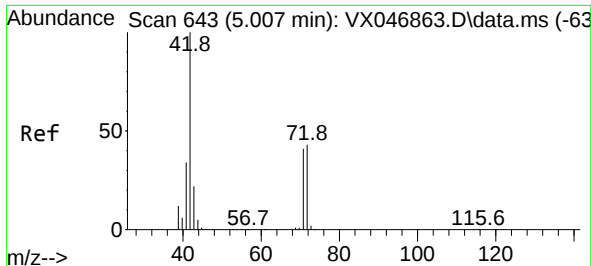
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

130 73.8 61.7 92.5





#29

Tetrahydrofuran

Concen: 343.369 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 357784

Ion Ratio Lower Upper

42 100

72 42.6 35.1 52.7

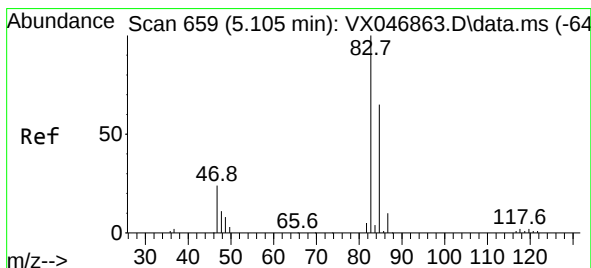
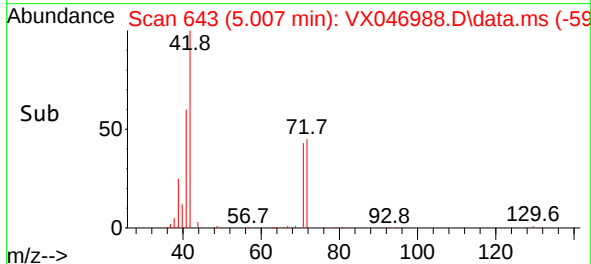
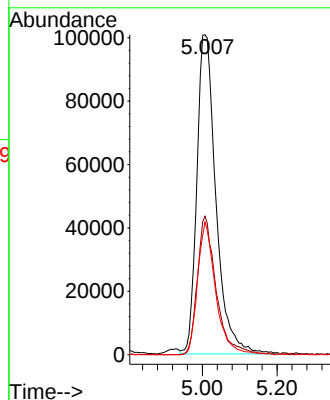
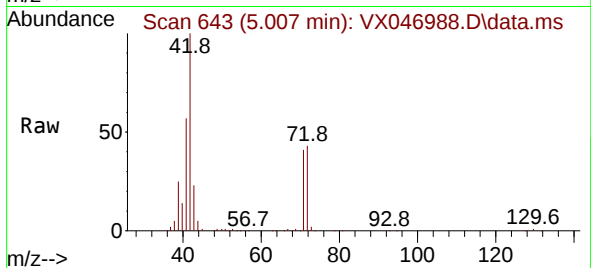
71 39.3 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#30

Chloroform

Concen: 54.421 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.006 min

Lab File: VX046988.D

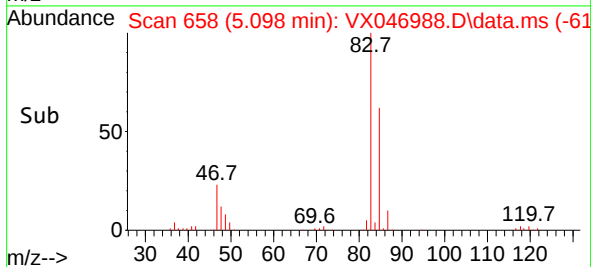
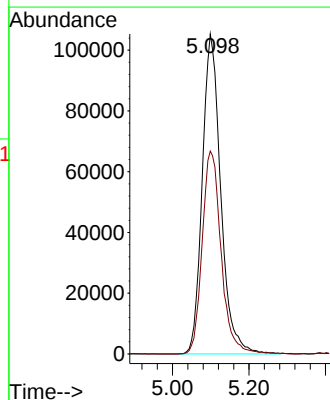
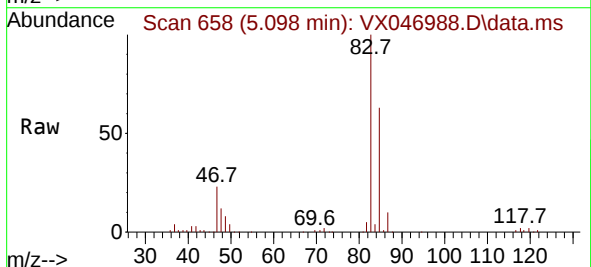
Acq: 15 Jul 2025 10:18

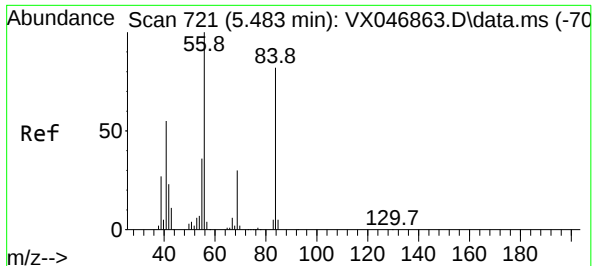
Tgt Ion: 83 Resp: 353090

Ion Ratio Lower Upper

83 100

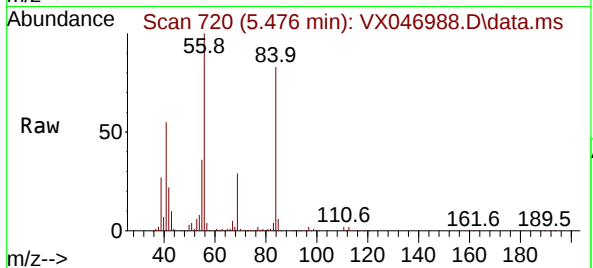
85 63.3 51.8 77.8





#31
Cyclohexane
Concen: 48.888 ug/l
RT: 5.476 min Scan# 712
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

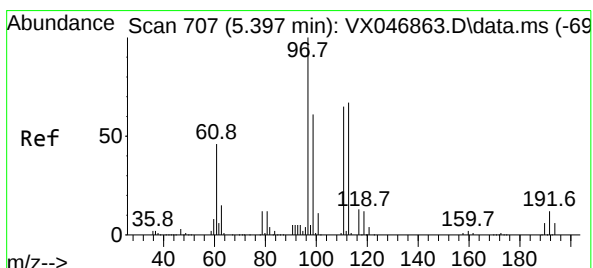
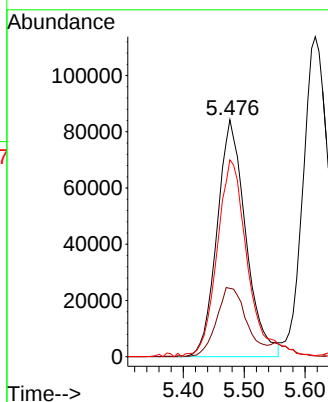
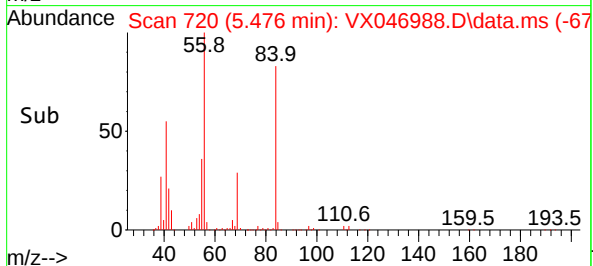
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



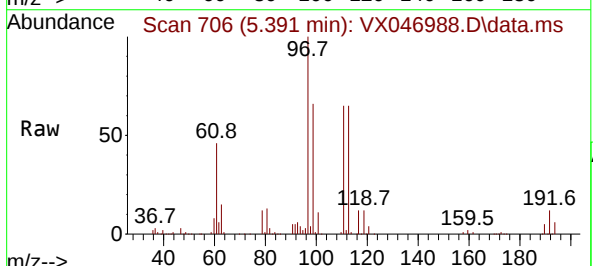
Tgt Ion: 56 Resp: 27562
Ion Ratio Lower Upper
56 100
69 28.5 24.0 36.0
84 81.3 66.5 99.7

Manual Integrations
APPROVED

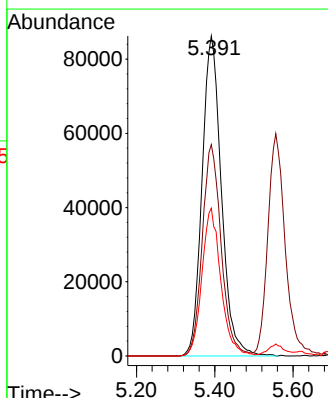
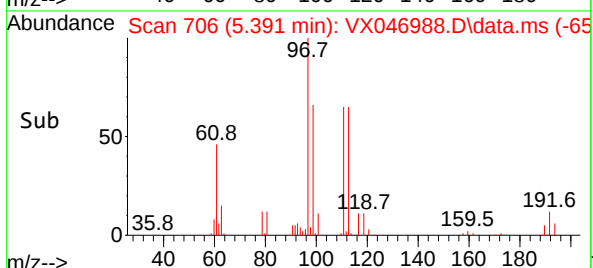
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#32
1,1,1-Trichloroethane
Concen: 54.477 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion: 97 Resp: 295296
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 45.2 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 54.387 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 21451

Ion Ratio Lower Upper

65 100

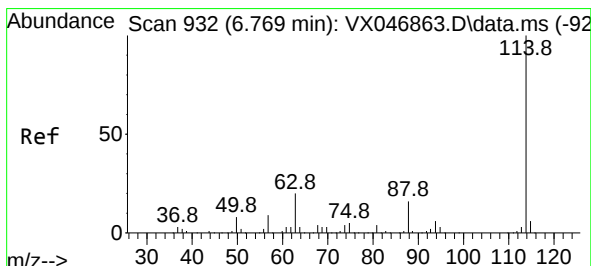
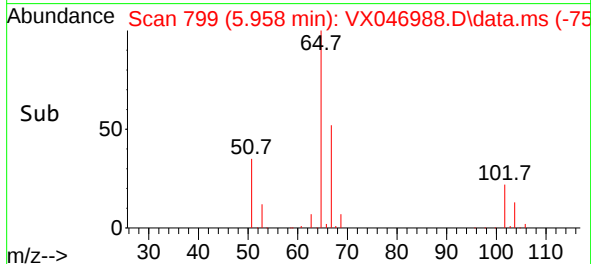
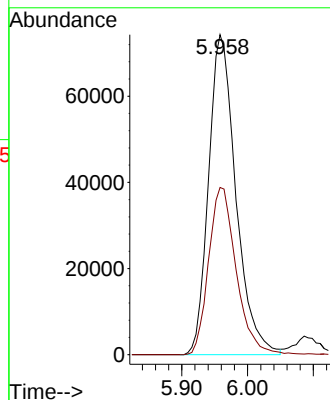
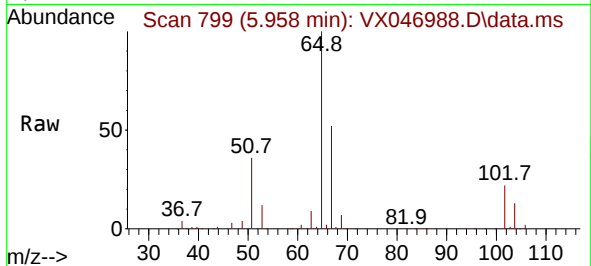
67 52.9 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

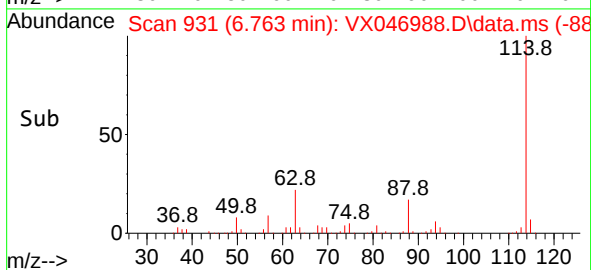
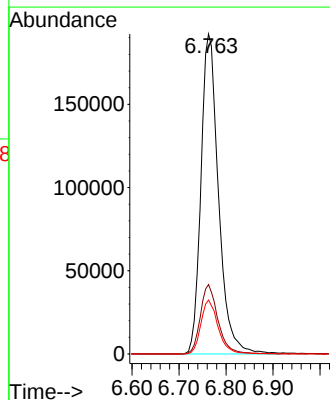
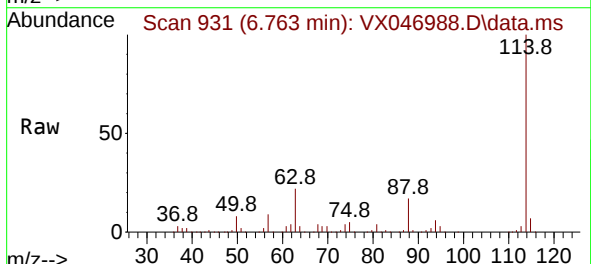
Tgt Ion:114 Resp: 499158

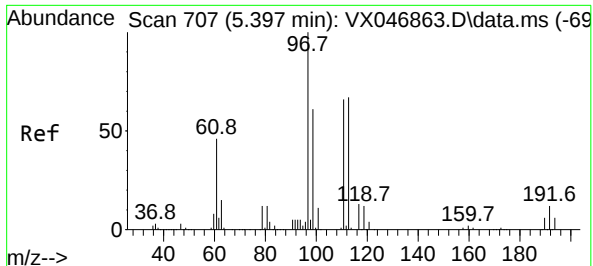
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.4

88 16.8 0.0 31.0





#35

Dibromofluoromethane

Concen: 52.829 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 178999

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

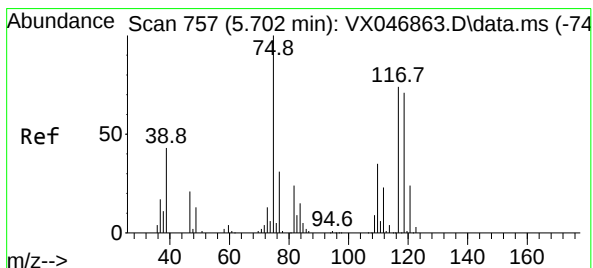
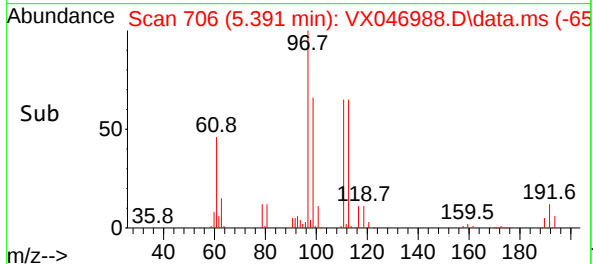
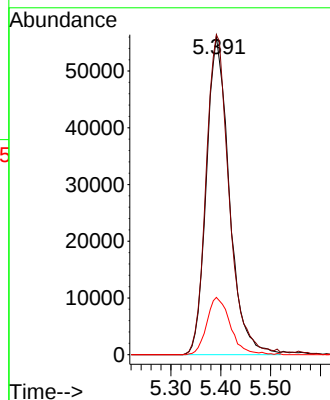
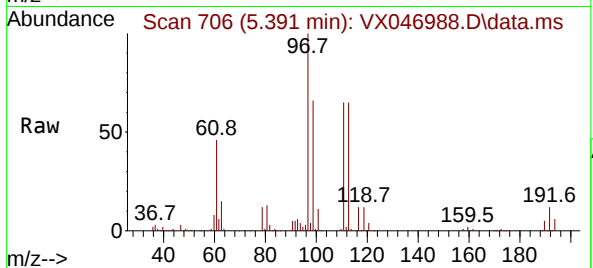
192 18.5 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#36

1,1-Dichloropropene

Concen: 50.018 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

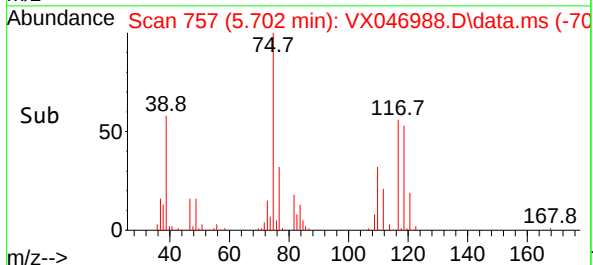
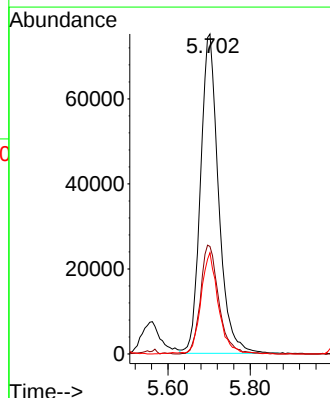
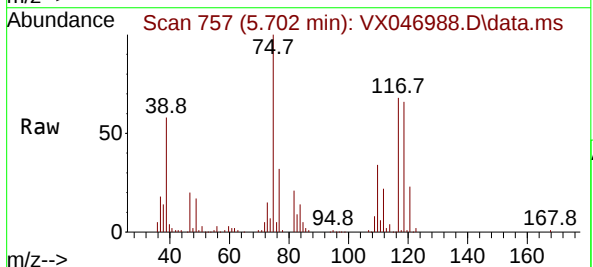
Tgt Ion: 75 Resp: 228659

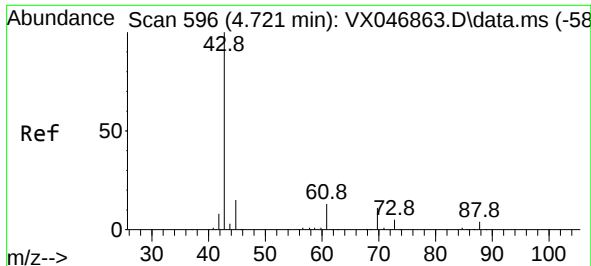
Ion Ratio Lower Upper

75 100

110 34.7 17.3 51.9

77 30.8 24.2 36.4





#37

Ethyl Acetate

Concen: 58.928 ug/l

RT: 4.714 min Scan# 596

Delta R.T. -0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

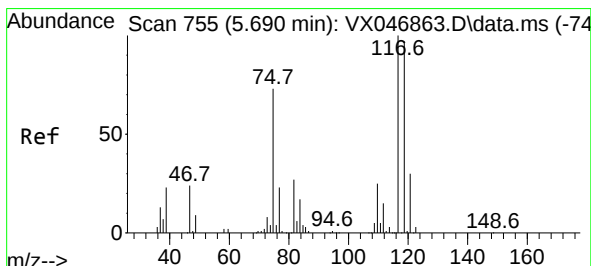
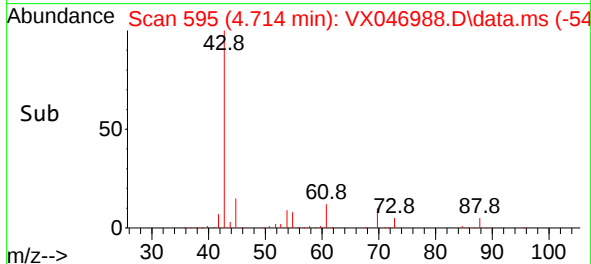
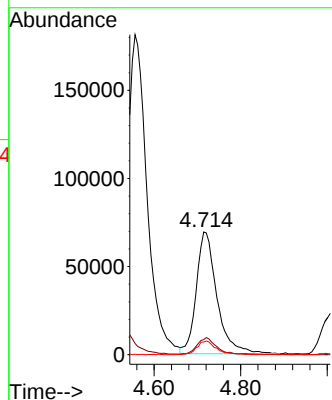
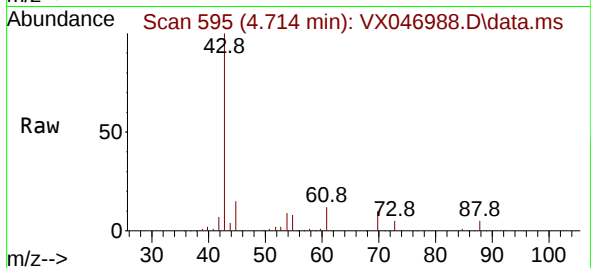
Tgt Ion: 43 Resp: 229448
 Ion Ratio Lower Upper
 43 100
 61 12.1 9.7 14.5
 70 10.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#38

Carbon Tetrachloride

Concen: 52.505 ug/l

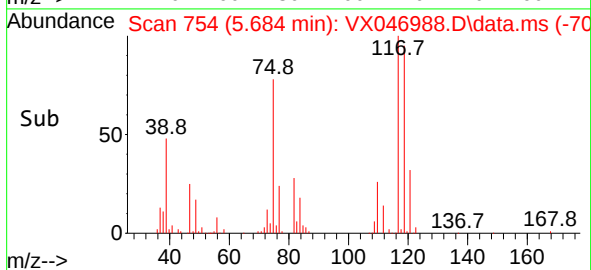
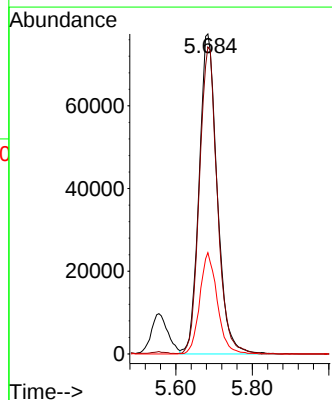
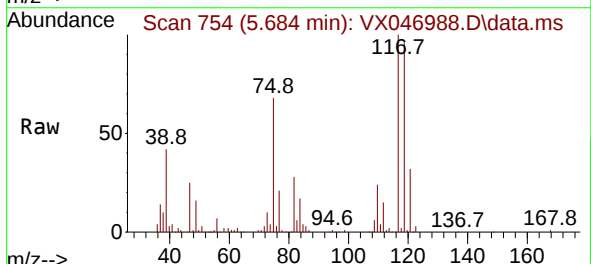
RT: 5.684 min Scan# 754

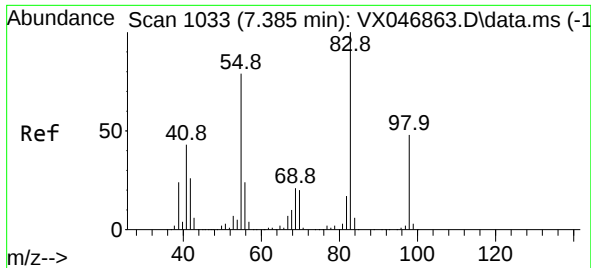
Delta R.T. -0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

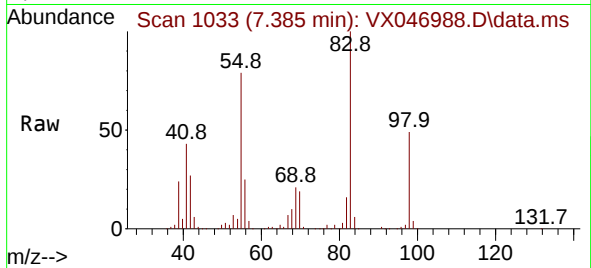
Tgt Ion:117 Resp: 253764
 Ion Ratio Lower Upper
 117 100
 119 95.9 76.6 114.8
 121 31.7 24.1 36.1





#39
Methylcyclohexane
Concen: 48.168 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

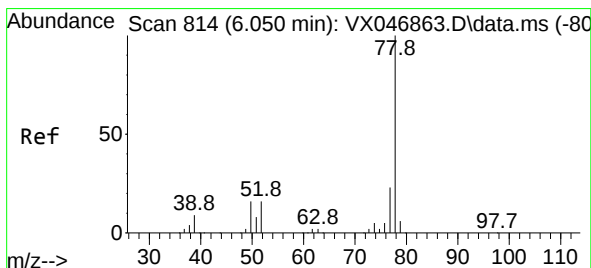
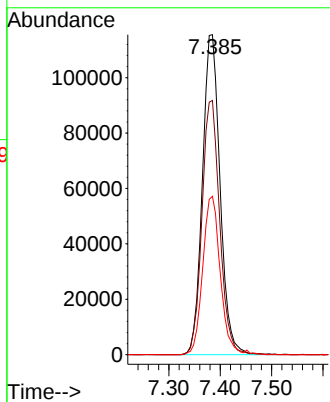
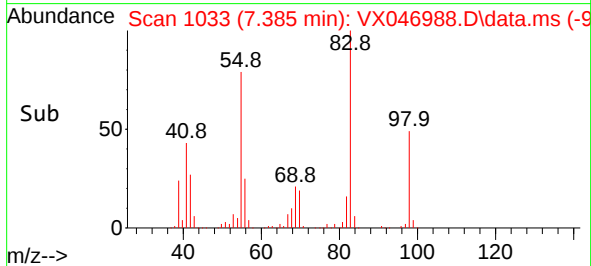
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 27545
Ion Ratio Lower Upper
83 100
55 79.4 63.0 94.4
98 49.5 38.5 57.7

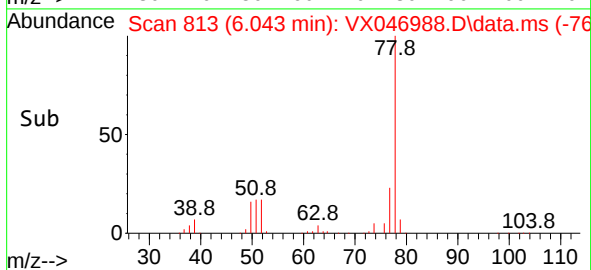
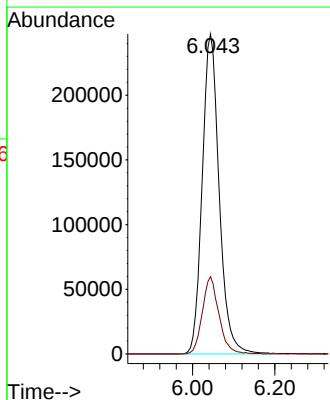
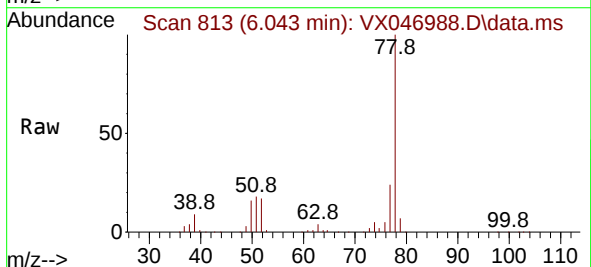
Manual Integrations
APPROVED

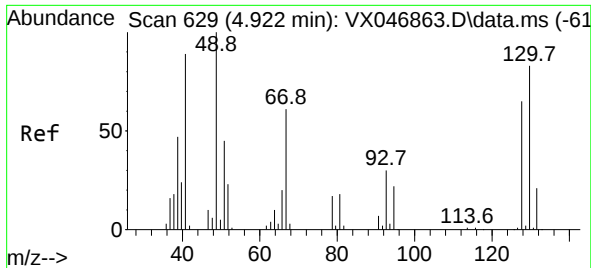
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#40
Benzene
Concen: 51.155 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion: 78 Resp: 707337
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1





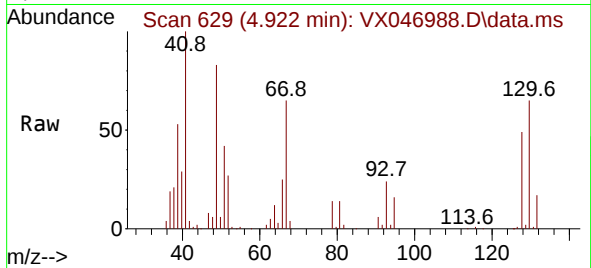
#41
Methacrylonitrile
Concen: 65.603 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



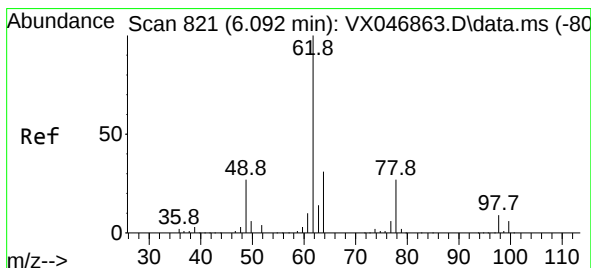
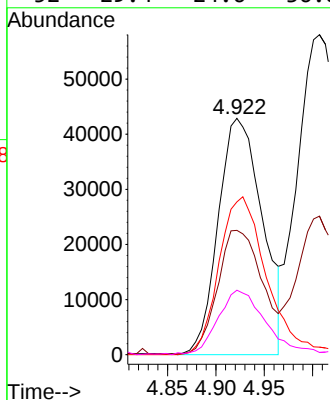
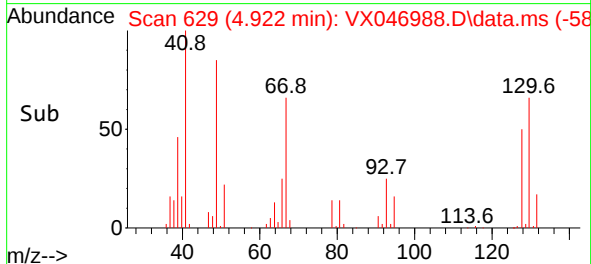
Tgt Ion: 41 Resp: 13626
Ion Ratio Lower Upper
41 100
39 53.0 43.0 64.4
67 72.8 60.2 90.2
52 29.4 24.6 36.8

Manual Integrations

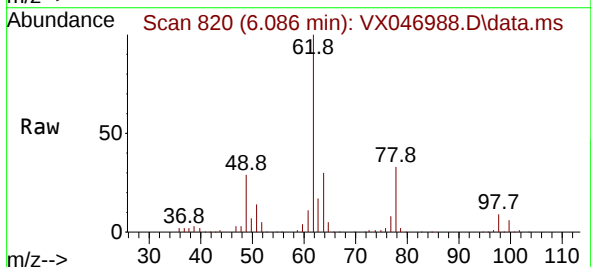
APPROVED

Reviewed By :John Carlone 07/16/2025

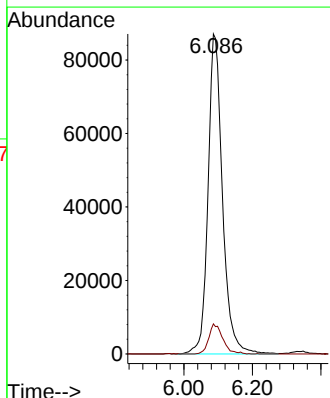
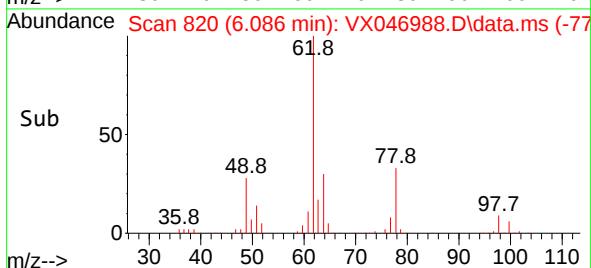
Supervised By :Mahesh Dadoda 07/16/2025

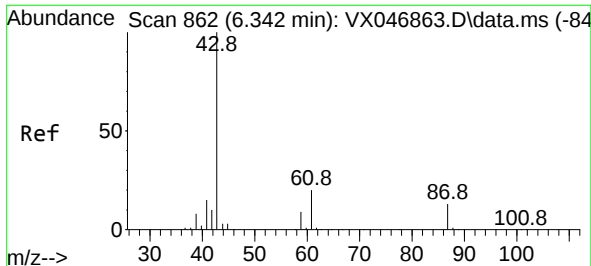


#42
1,2-Dichloroethane
Concen: 54.334 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



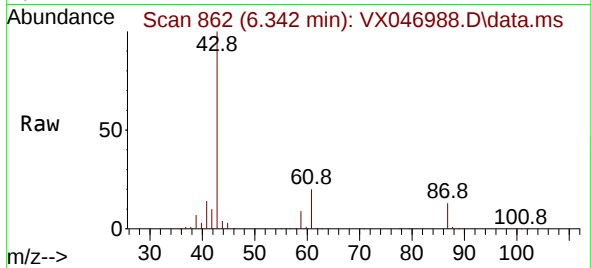
Tgt Ion: 62 Resp: 255117
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 65.387 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

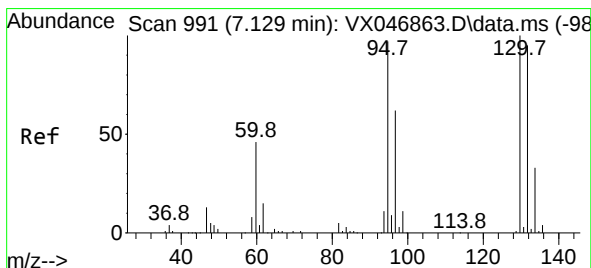
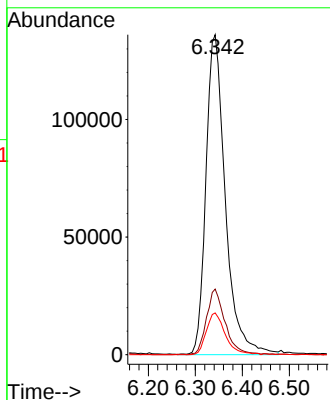
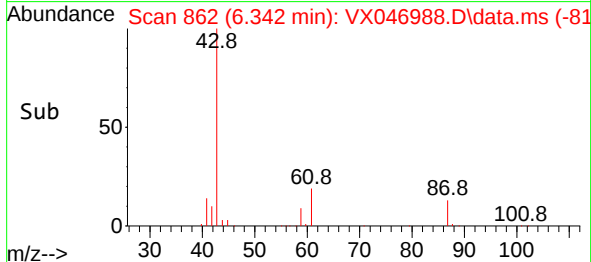
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



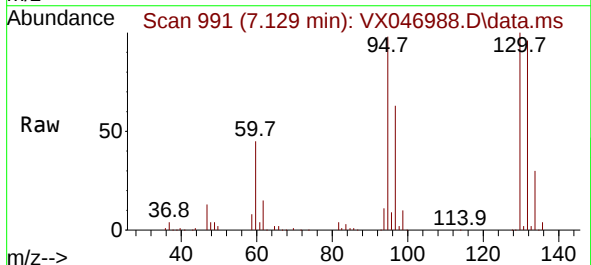
Tgt Ion: 43 Resp: 38996
Ion Ratio Lower Upper
43 100
61 19.9 15.7 23.5
87 12.7 10.1 15.1

Manual Integrations
APPROVED

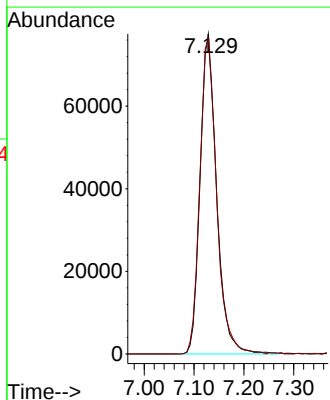
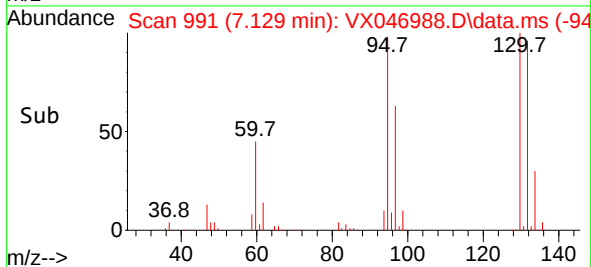
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

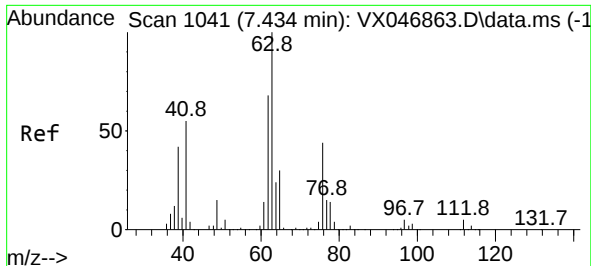


#44
Trichloroethene
Concen: 49.609 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion:130 Resp: 178562
Ion Ratio Lower Upper
130 100
95 98.4 0.0 194.2





#45

1,2-Dichloropropane

Concen: 53.443 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 18670

Ion Ratio Lower Upper

63 100

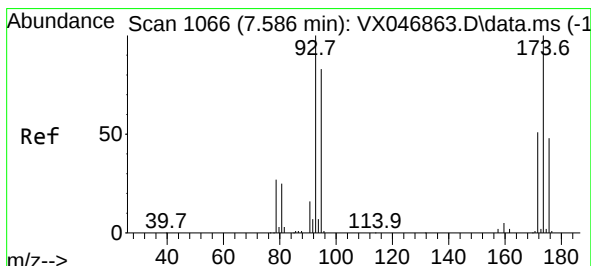
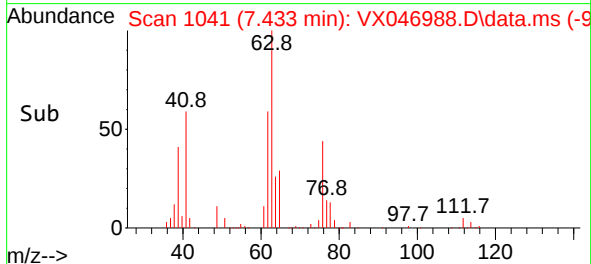
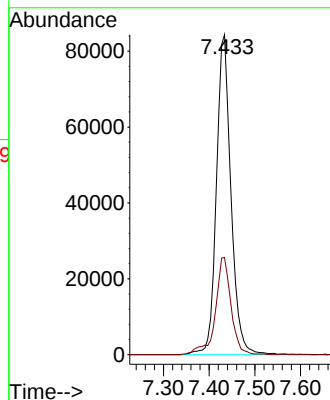
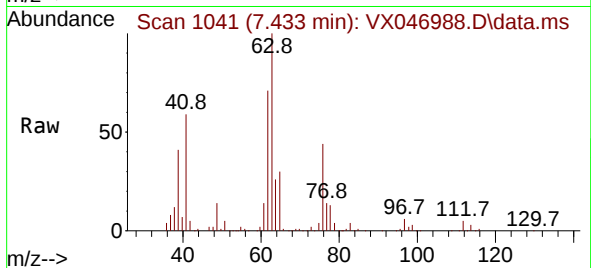
65 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#46

Dibromomethane

Concen: 53.441 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

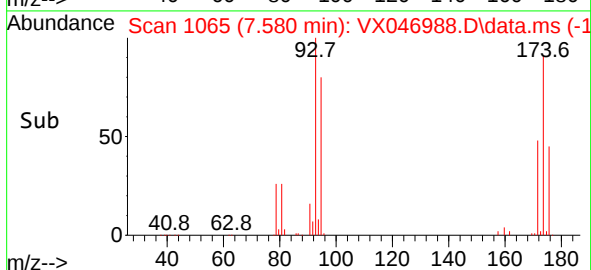
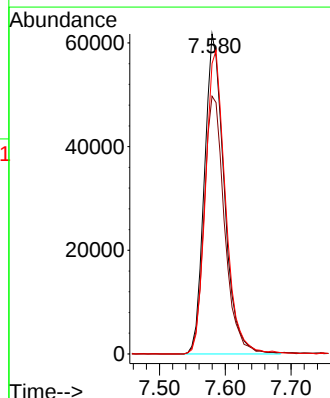
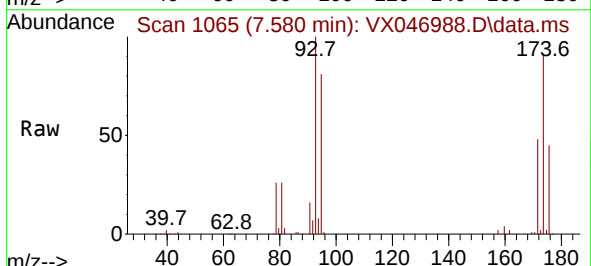
Tgt Ion: 93 Resp: 129355

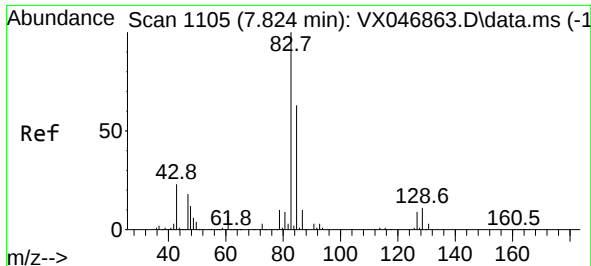
Ion Ratio Lower Upper

93 100

95 83.1 66.6 99.8

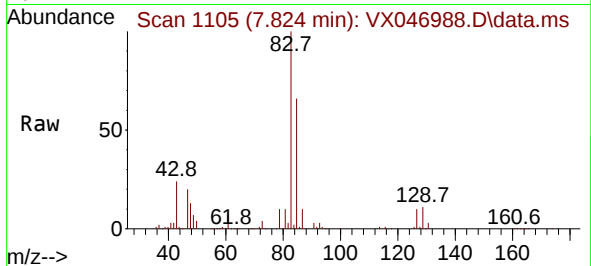
174 95.9 77.4 116.2





#47
Bromodichloromethane
Concen: 53.798 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

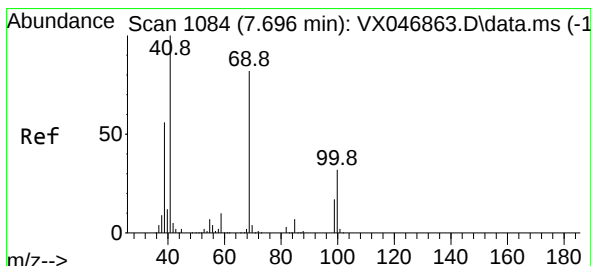
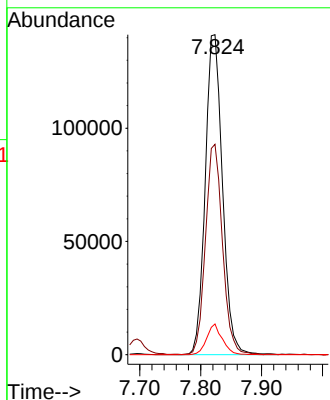
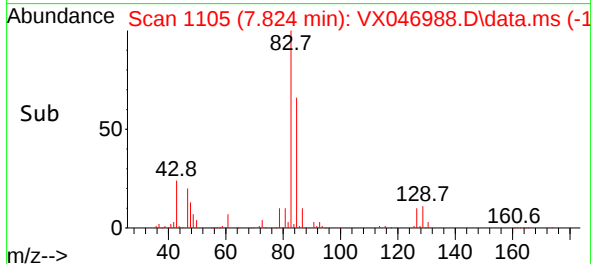
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 278048
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 9.6 7.1 10.7

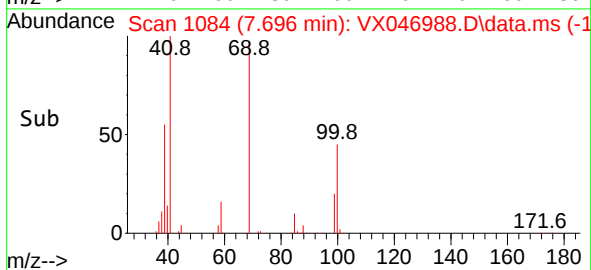
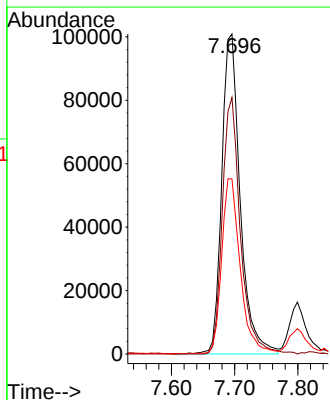
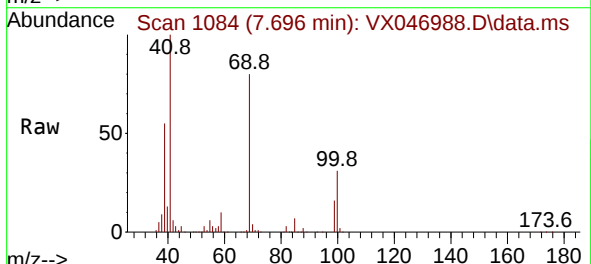
Manual Integrations
APPROVED

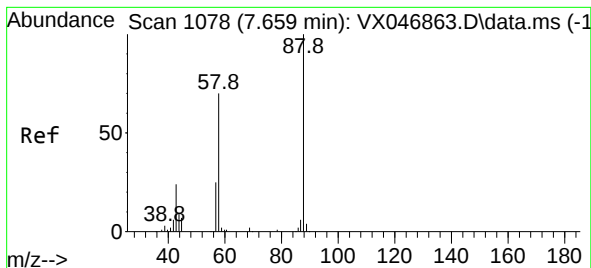
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#48
Methyl methacrylate
Concen: 66.260 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion: 41 Resp: 204045
Ion Ratio Lower Upper
41 100
69 78.3 65.8 98.8
39 55.4 43.8 65.6





#49

1,4-Dioxane

Concen: 1411.910 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 50379

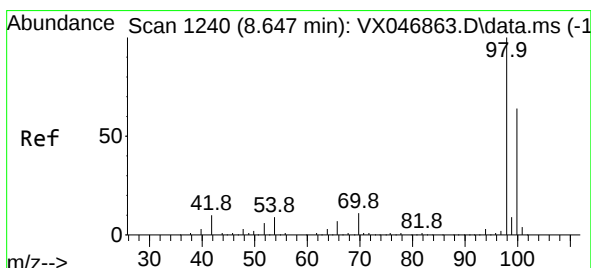
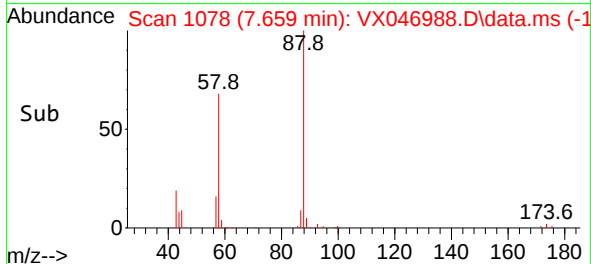
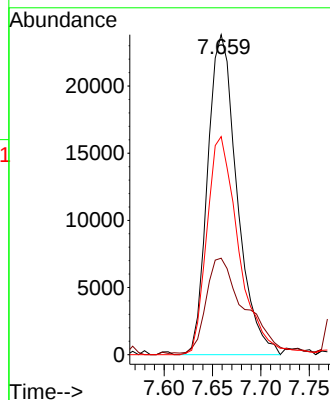
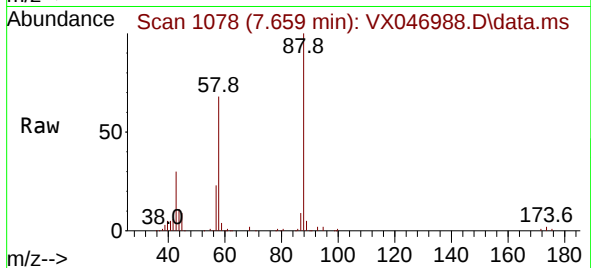
Ion	Ratio	Lower	Upper
88	100		
43	41.3	31.7	47.5
58	74.4	57.5	86.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#50

Toluene-d8

Concen: 50.622 ug/l

RT: 8.647 min Scan# 1240

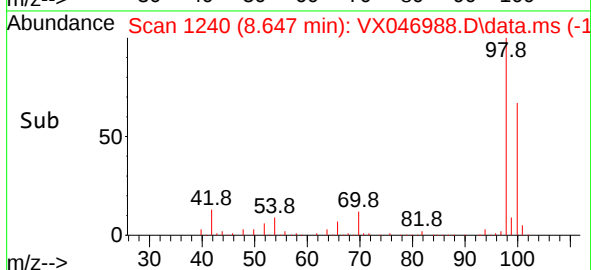
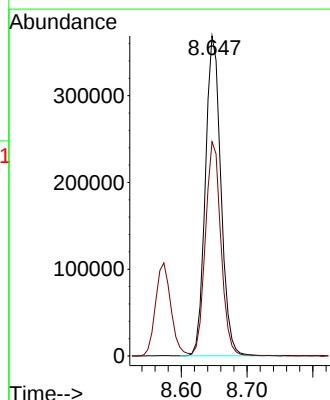
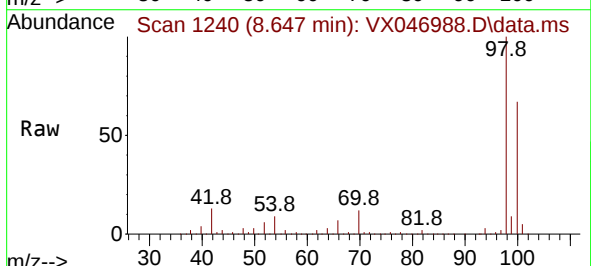
Delta R.T. -0.000 min

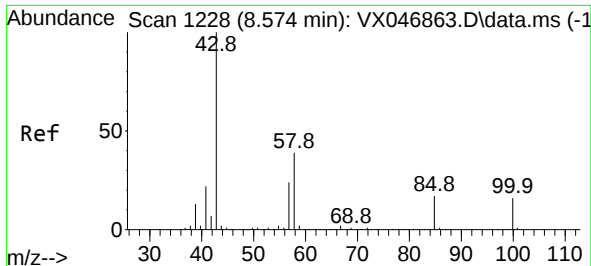
Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Tgt Ion: 98 Resp: 605167

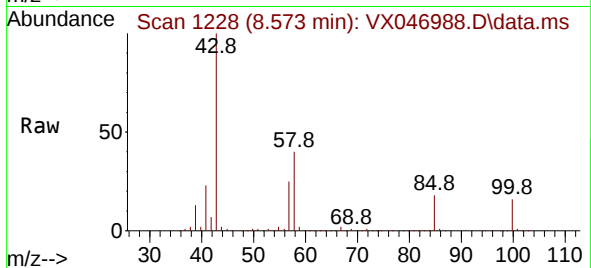
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.0	79.6





#51
4-Methyl-2-Pentanone
Concen: 333.458 ug/l
RT: 8.573 min Scan# 1173684
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

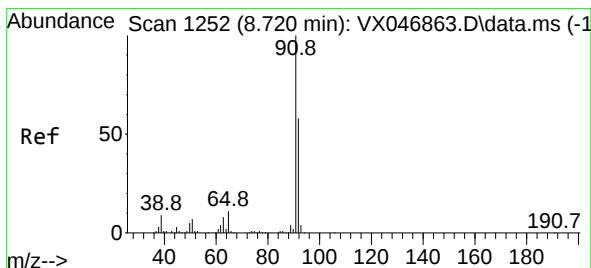
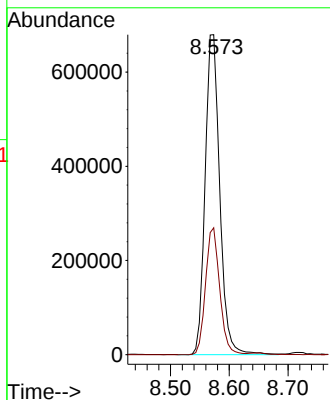
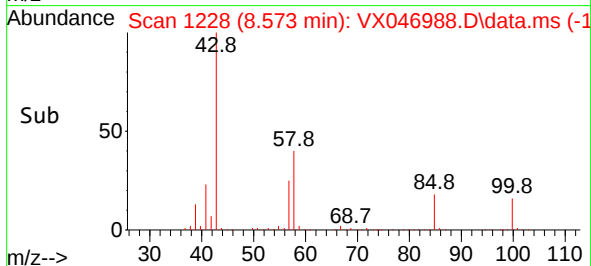
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 1173684
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6

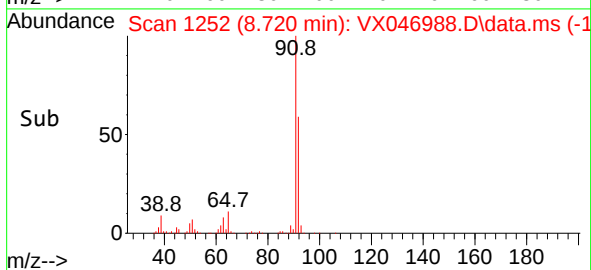
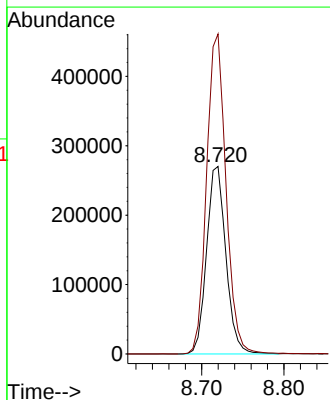
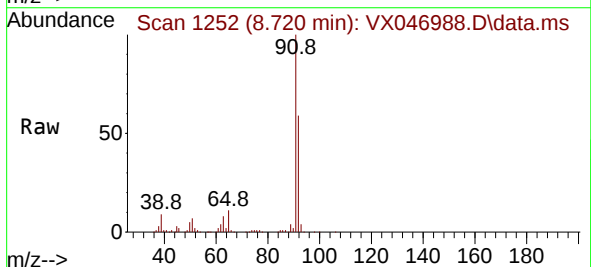
Manual Integrations
APPROVED

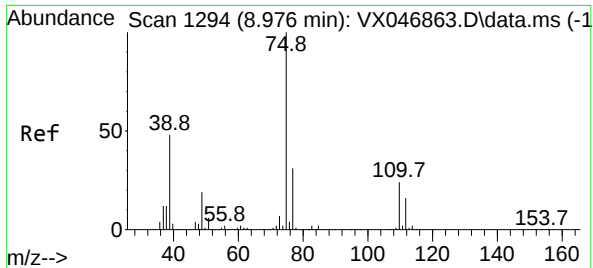
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#52
Toluene
Concen: 51.509 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

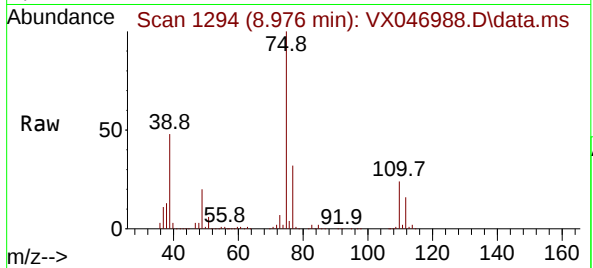
Tgt Ion: 92 Resp: 441353
Ion Ratio Lower Upper
92 100
91 171.2 137.9 206.9





#53
t-1,3-Dichloropropene
Concen: 58.150 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

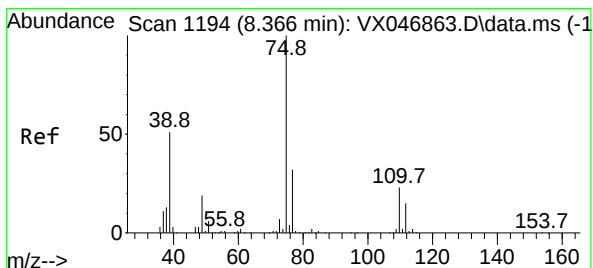
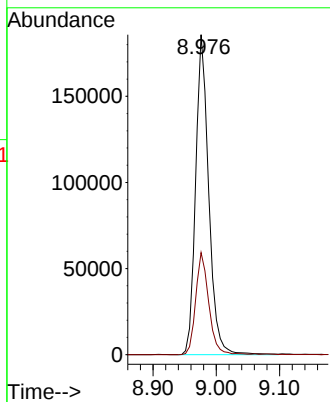
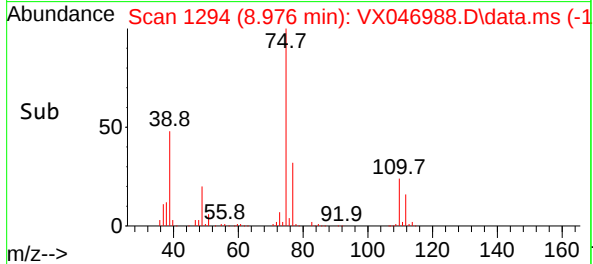
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



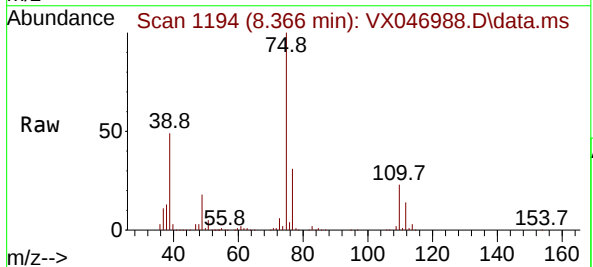
Tgt Ion: 75 Resp: 26822
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.6

Manual Integrations
APPROVED

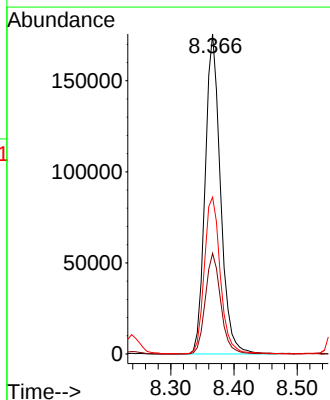
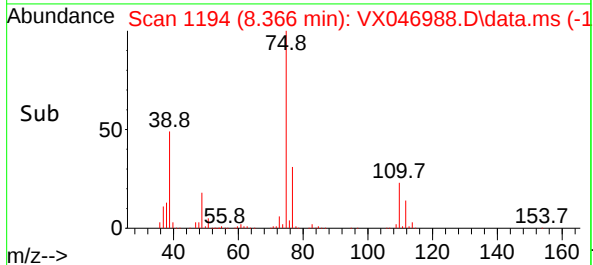
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

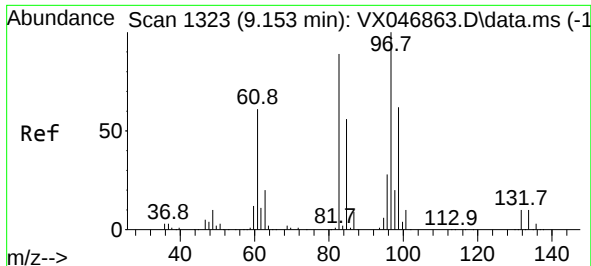


#54
cis-1,3-Dichloropropene
Concen: 56.477 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



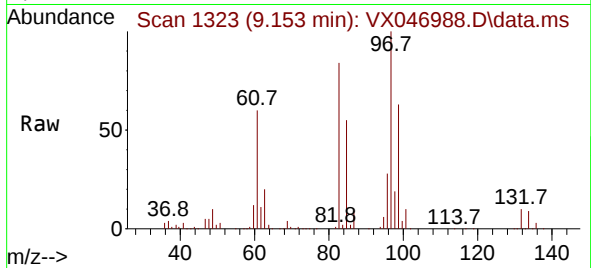
Tgt Ion: 75 Resp: 297348
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
39 48.3 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 55.451 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

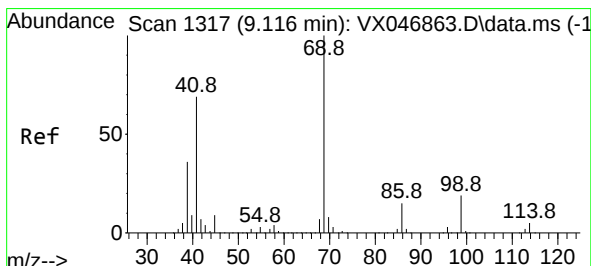
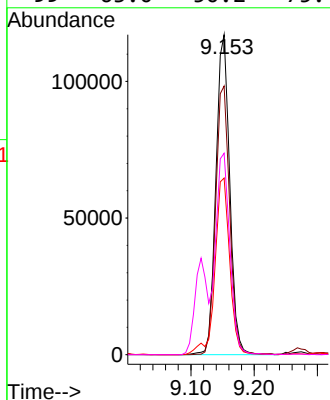
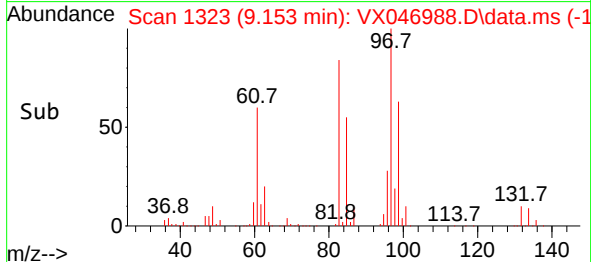
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



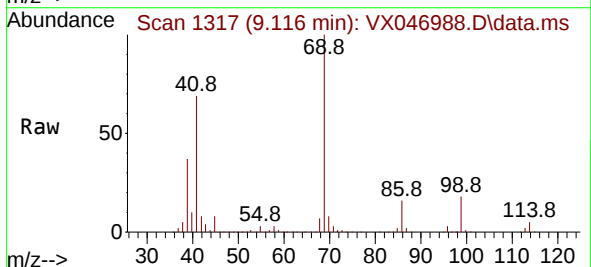
Tgt Ion: 97 Resp: 176972
Ion Ratio Lower Upper
97 100
83 83.9 70.9 106.3
85 55.2 44.6 67.0
99 63.0 50.2 75.4

Manual Integrations
APPROVED

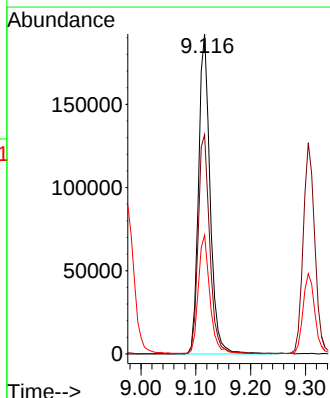
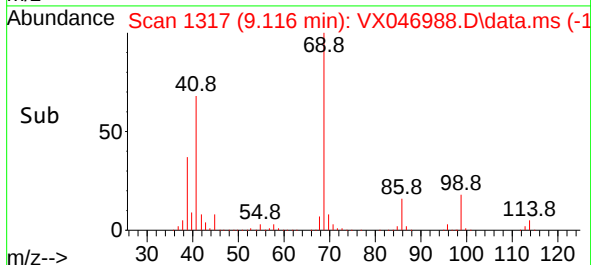
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

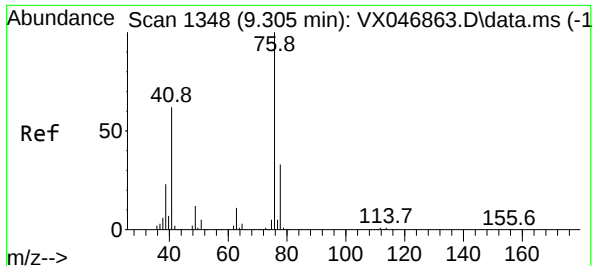


#56
Ethyl methacrylate
Concen: 63.802 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion: 69 Resp: 281832
Ion Ratio Lower Upper
69 100
41 69.6 54.6 82.0
39 37.3 28.7 43.1





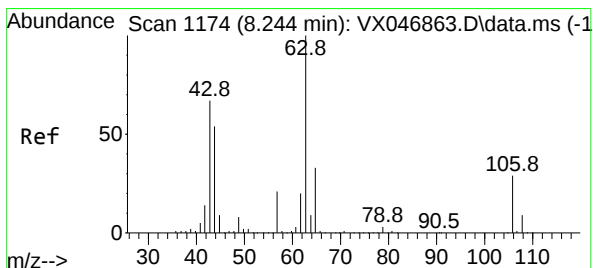
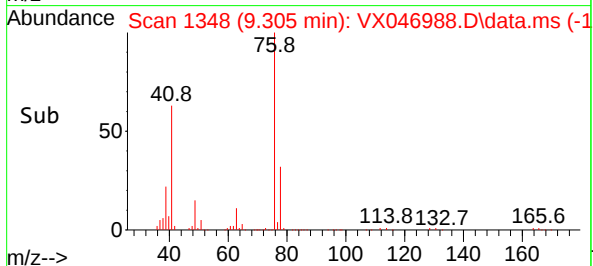
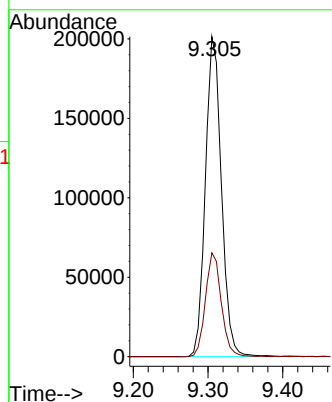
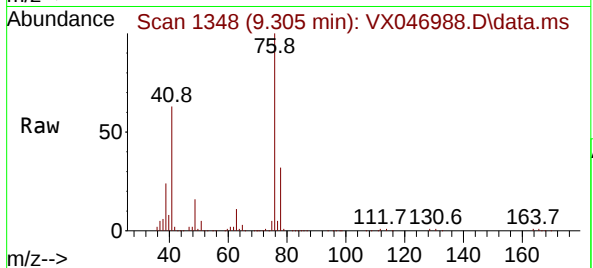
#57
1,3-Dichloropropane
Concen: 54.679 ug/l
RT: 9.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 30048
Ion Ratio Lower Upper
76 100
78 32.1 25.9 38.9

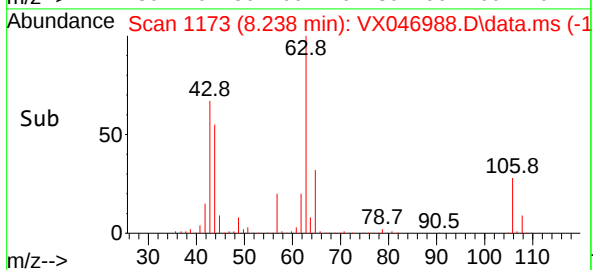
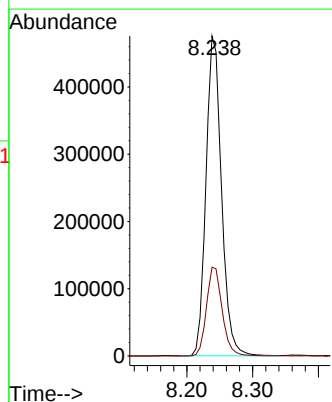
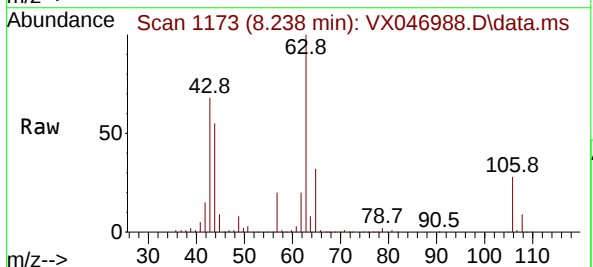
Manual Integrations
APPROVED

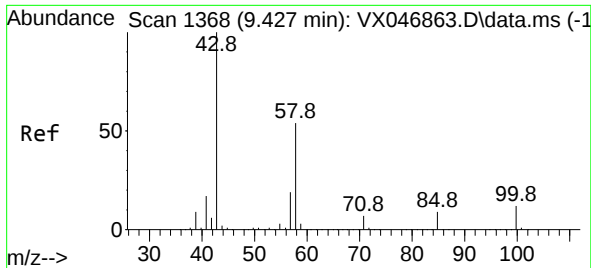
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#58
2-Chloroethyl Vinyl ether
Concen: 313.811 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion: 63 Resp: 781053
Ion Ratio Lower Upper
63 100
106 28.1 22.6 33.8





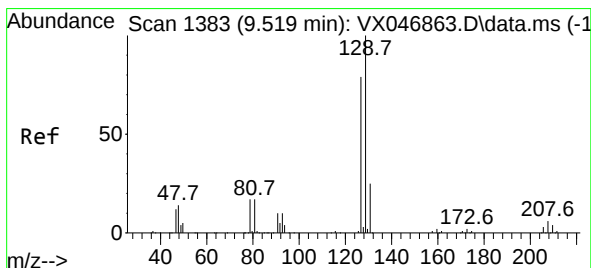
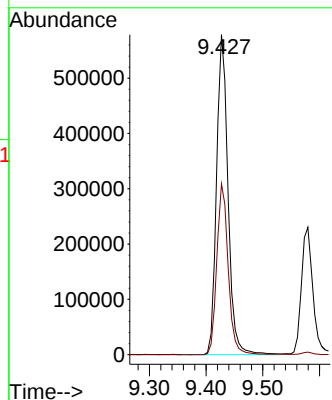
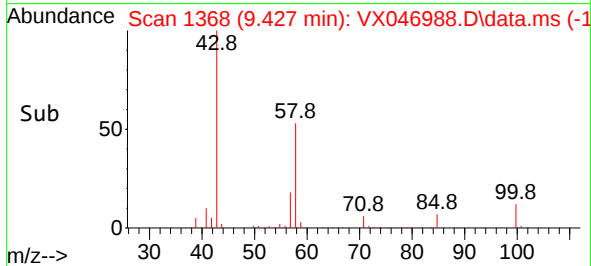
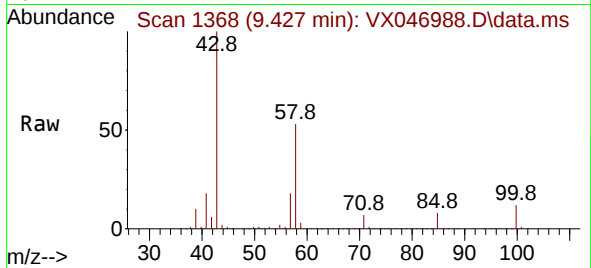
#59
2-Hexanone
Concen: 347.058 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 81025
Ion Ratio Lower Upper
43 100
58 53.2 27.1 81.3

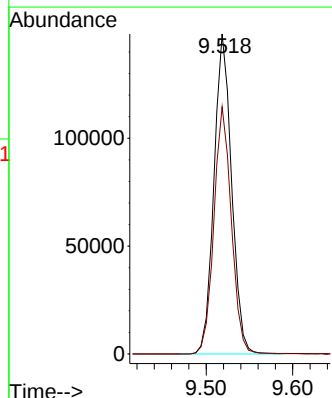
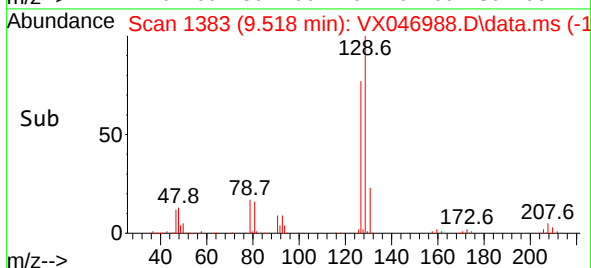
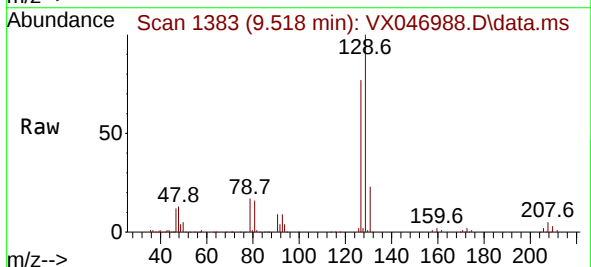
Manual Integrations
APPROVED

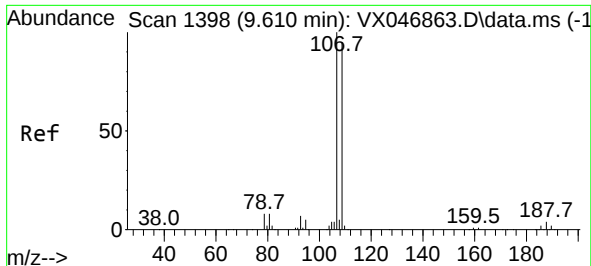
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#60
Dibromochloromethane
Concen: 54.831 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

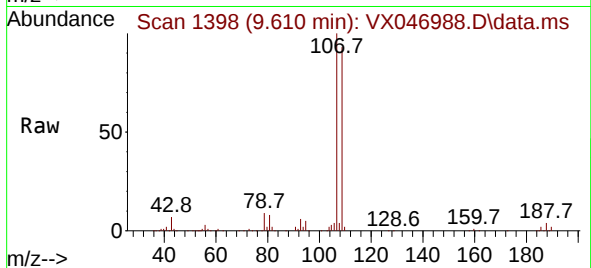
Tgt Ion:129 Resp: 209424
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.5





#61
1,2-Dibromoethane
Concen: 55.503 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

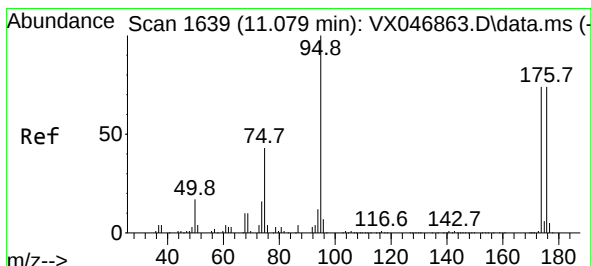
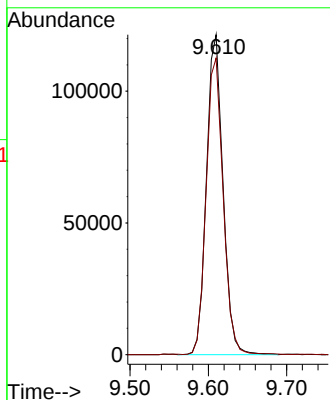
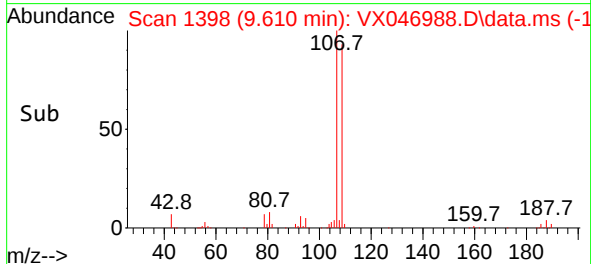
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



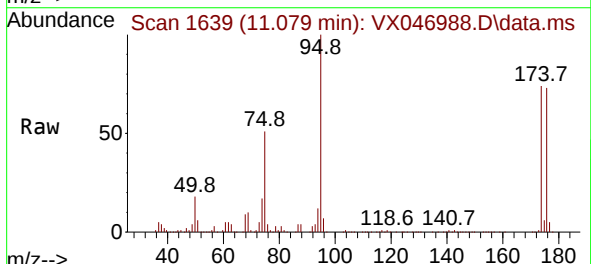
Tgt Ion:107 Resp: 177904
Ion Ratio Lower Upper
107 100
109 95.0 75.4 113.2

Manual Integrations
APPROVED

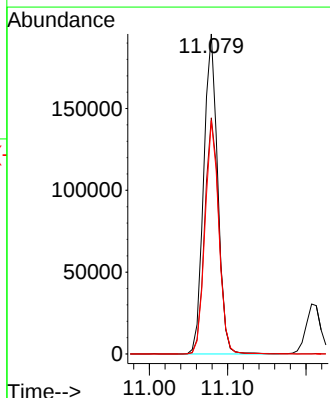
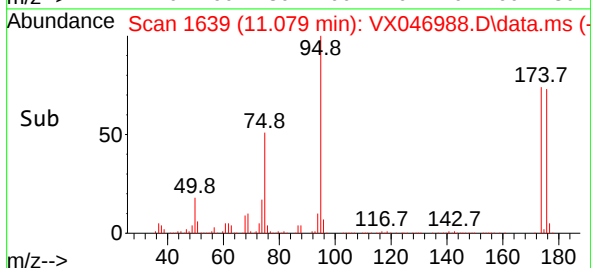
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

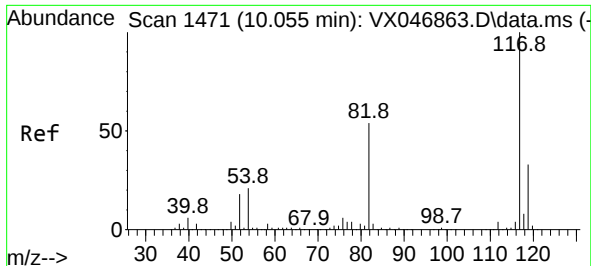


#62
4-Bromofluorobenzene
Concen: 53.283 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



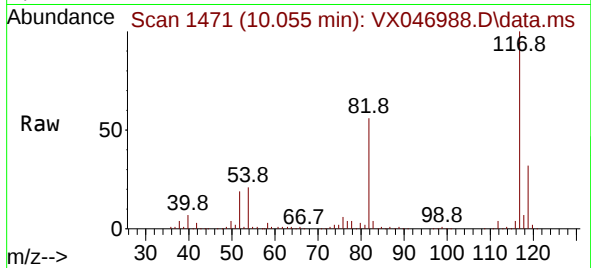
Tgt Ion: 95 Resp: 242088
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.0
176 71.7 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

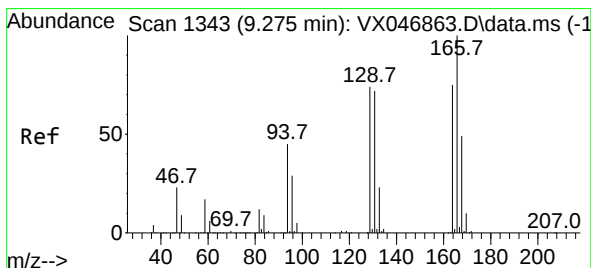
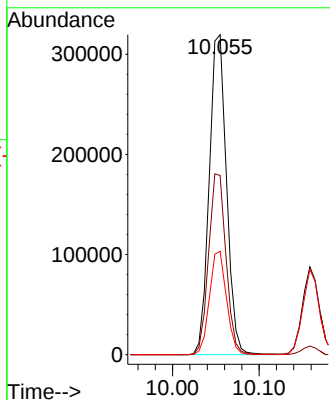
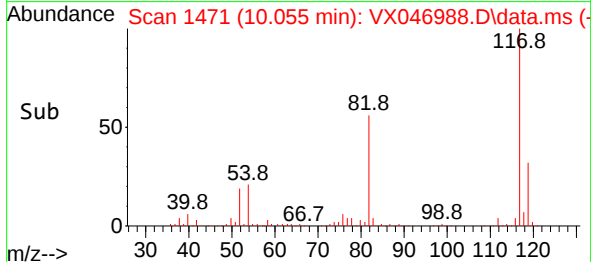
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 443564
Ion Ratio Lower Upper
117 100
82 56.0 43.3 64.9
119 32.3 26.4 39.6

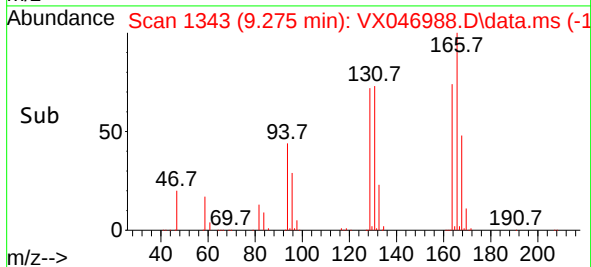
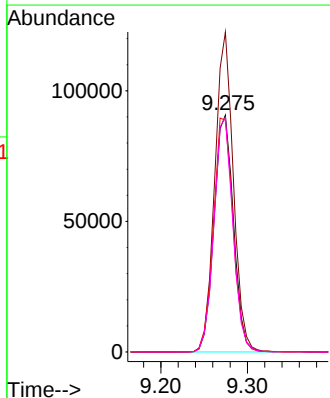
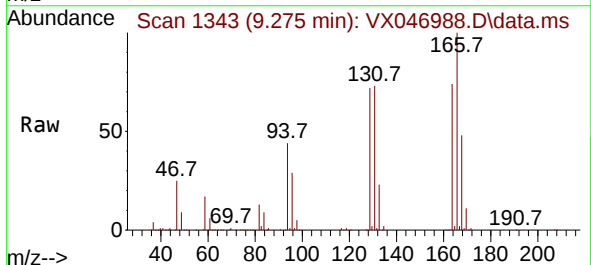
Manual Integrations
APPROVED

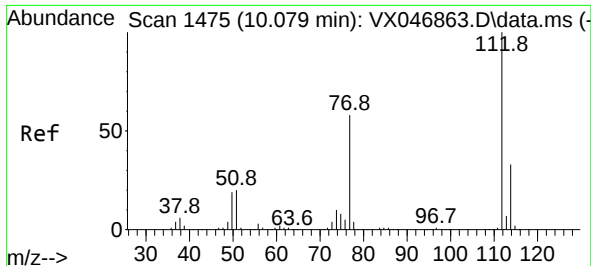
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#64
Tetrachloroethene
Concen: 47.747 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

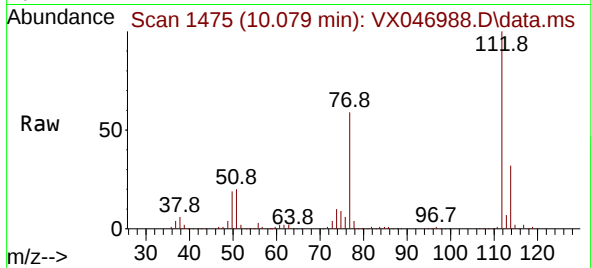
Tgt Ion:164 Resp: 141010
Ion Ratio Lower Upper
164 100
166 135.2 107.0 160.6
129 97.9 79.7 119.5
131 98.9 77.1 115.7





#65
Chlorobenzene
Concen: 52.067 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

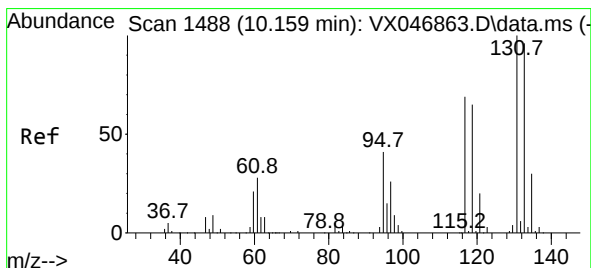
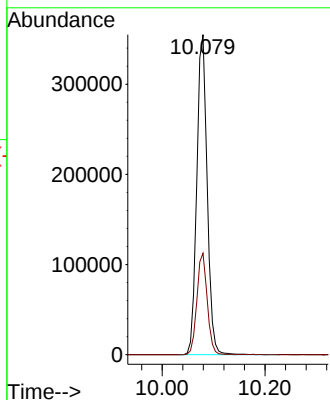
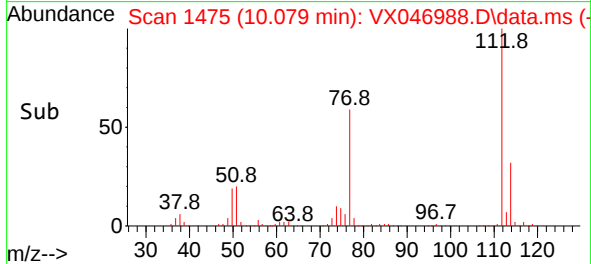
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



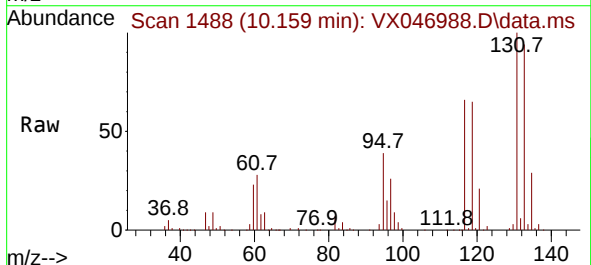
Tgt Ion:112 Resp: 499325
Ion Ratio Lower Upper
112 100
114 31.7 26.3 39.5

Manual Integrations
APPROVED

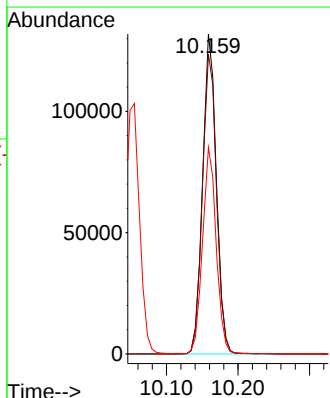
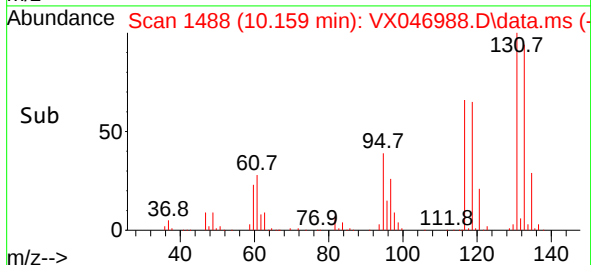
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

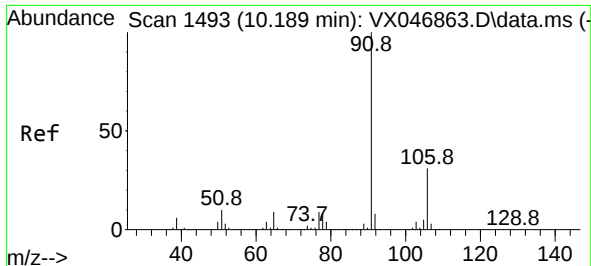


#66
1,1,1,2-Tetrachloroethane
Concen: 54.701 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



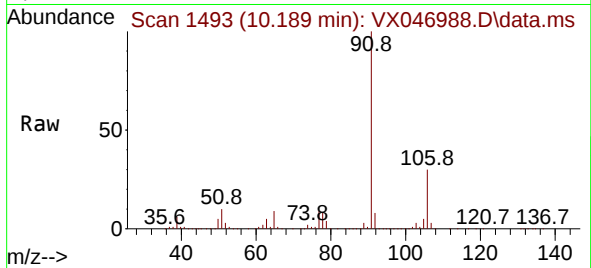
Tgt Ion:131 Resp: 176346
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 64.1 32.4 97.2





#67
Ethyl Benzene
Concen: 53.090 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

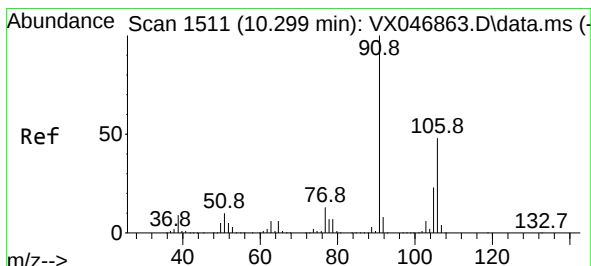
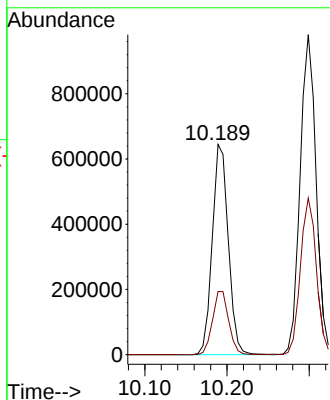
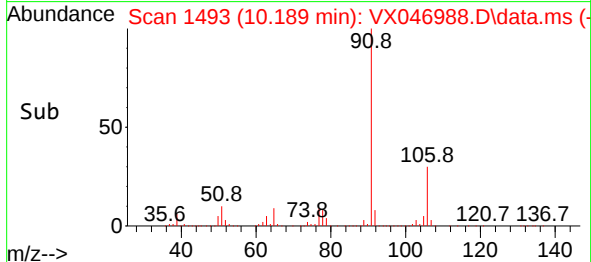
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



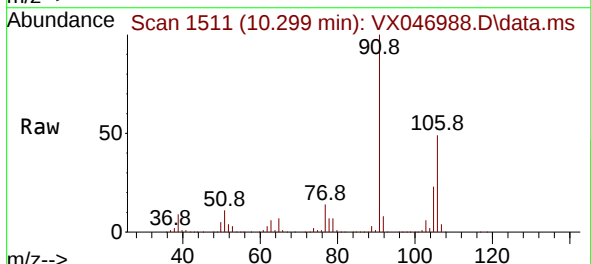
Tgt Ion: 91 Resp: 871908
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

Manual Integrations
APPROVED

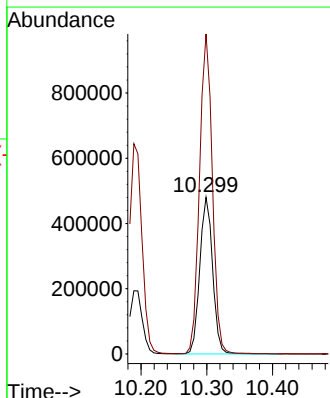
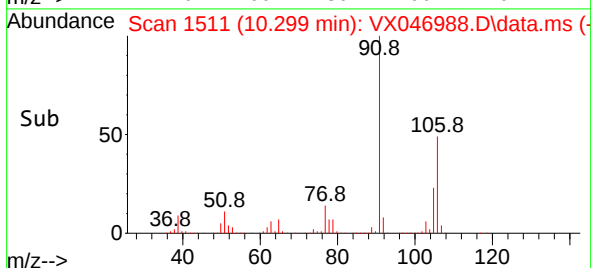
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

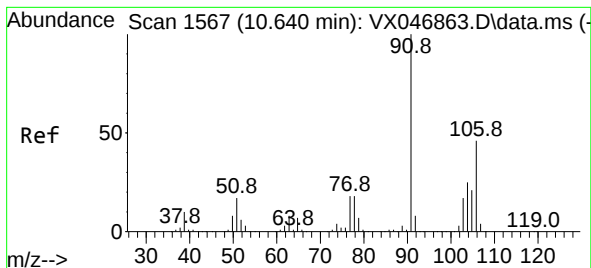


#68
m/p-Xylenes
Concen: 105.033 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion:106 Resp: 650006
Ion Ratio Lower Upper
106 100
91 204.3 164.6 246.8





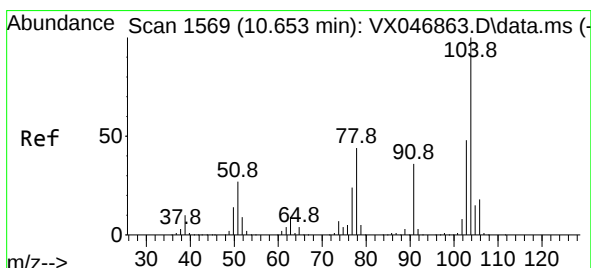
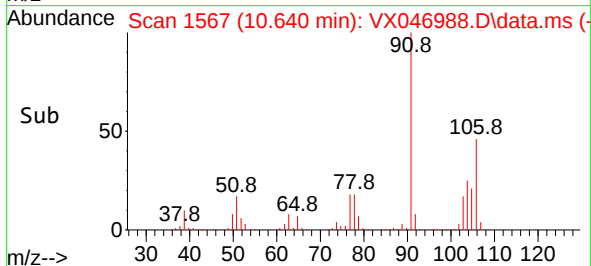
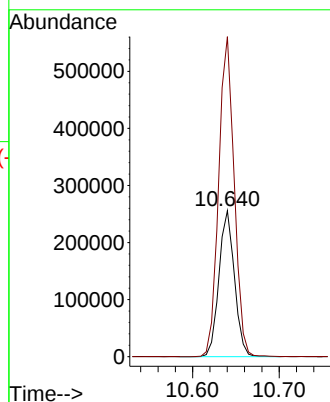
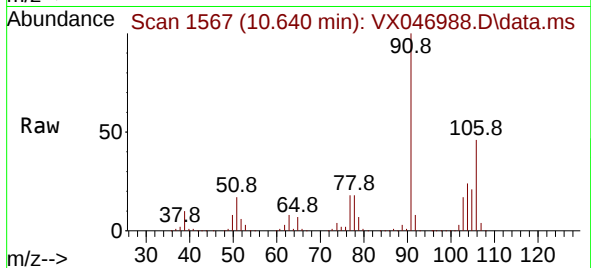
#69
o-Xylene
Concen: 53.191 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 317972
Ion Ratio Lower Upper
106 100
91 220.1 109.5 328.5

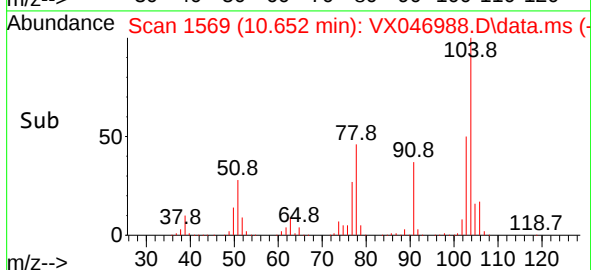
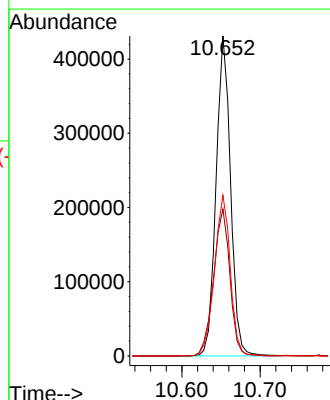
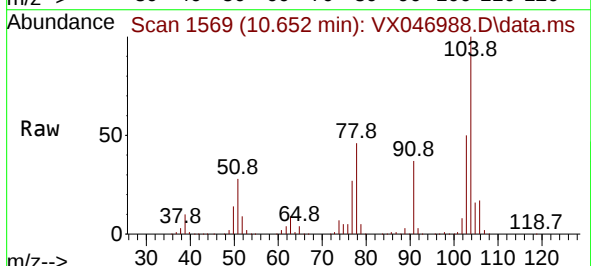
Manual Integrations
APPROVED

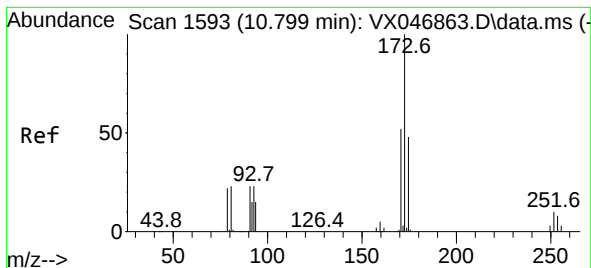
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#70
Styrene
Concen: 54.216 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion:104 Resp: 554502
Ion Ratio Lower Upper
104 100
78 51.9 40.3 60.5
103 54.7 42.8 64.2





#71

Bromoform

Concen: 56.287 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:173 Resp: 13492

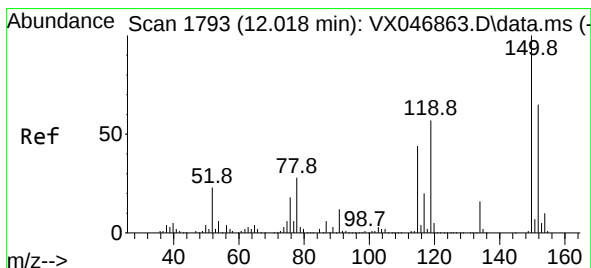
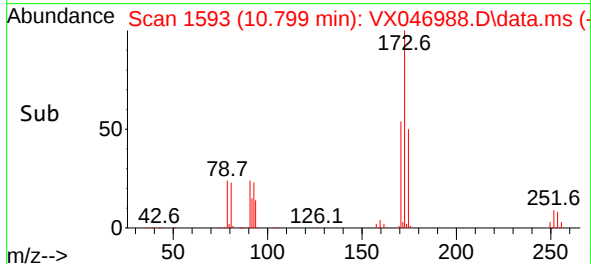
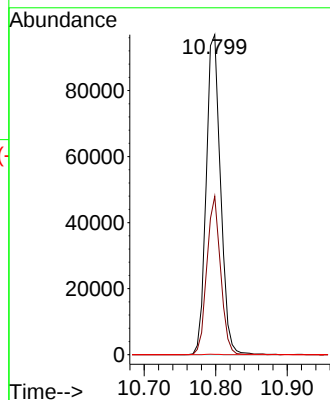
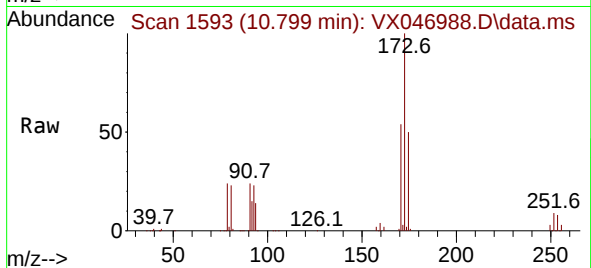
Ion	Ratio	Lower	Upper
173	100		
175	47.6	23.8	71.5
254	0.1	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

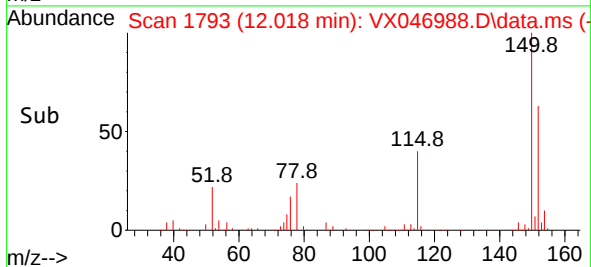
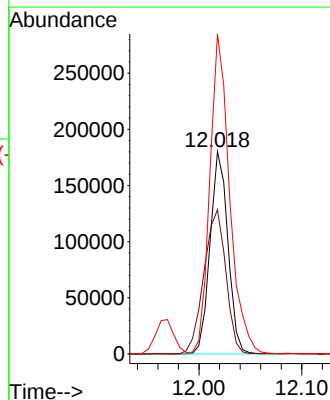
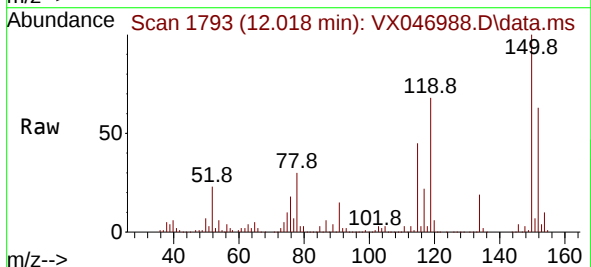
Delta R.T. -0.000 min

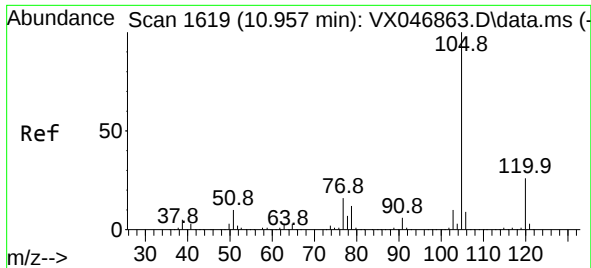
Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Tgt Ion:152 Resp: 217822

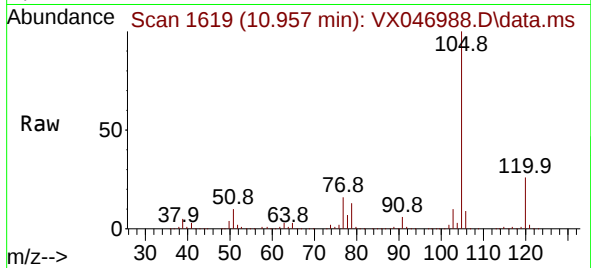
Ion	Ratio	Lower	Upper
152	100		
115	88.0	42.4	127.1
150	174.6	0.0	349.2





#73
Isopropylbenzene
Concen: 55.052 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

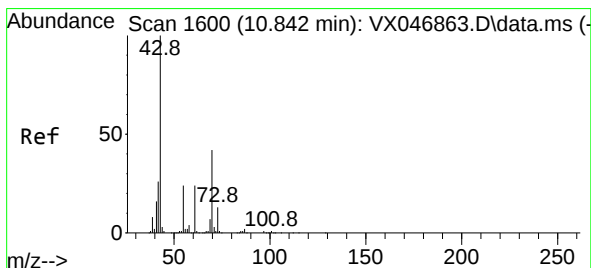
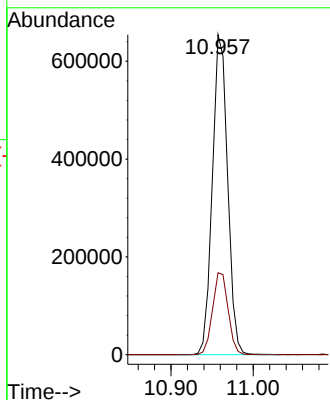
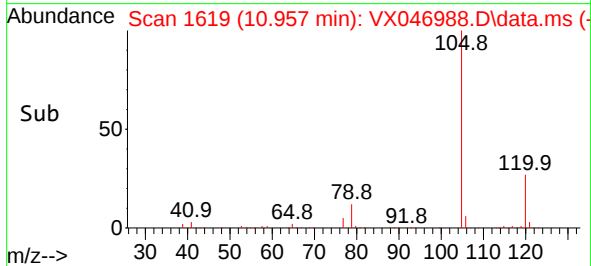
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 84297
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

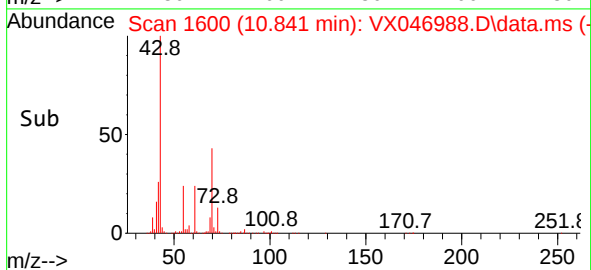
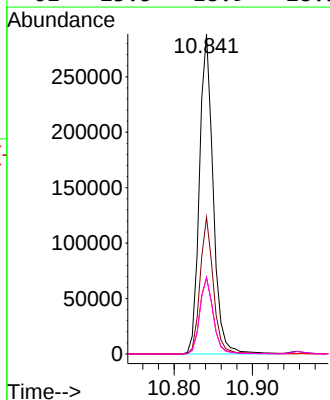
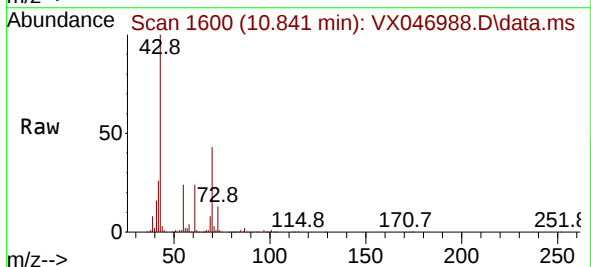
Manual Integrations
APPROVED

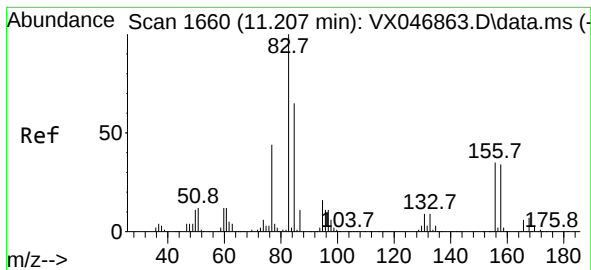
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#74
N-ethyl acetate
Concen: 67.514 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

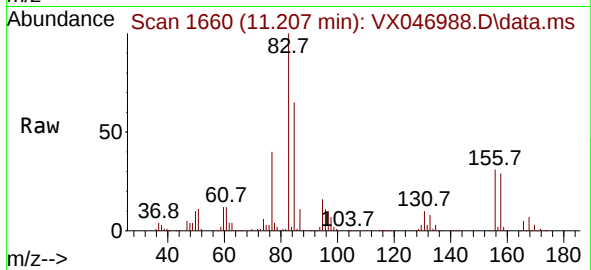
Tgt Ion: 43 Resp: 351295
Ion Ratio Lower Upper
43 100
70 41.3 33.4 50.2
55 23.7 19.6 29.4
61 23.5 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 59.324 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

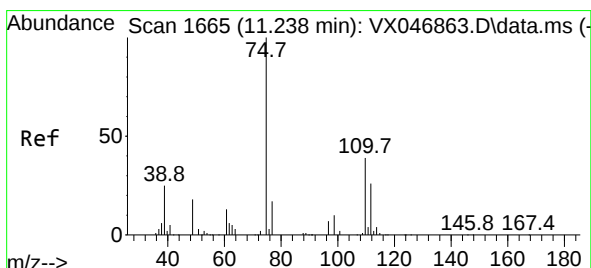
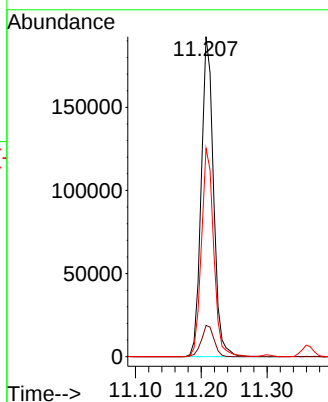
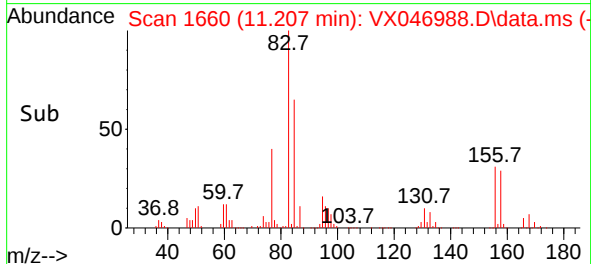
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 249784
Ion Ratio Lower Upper
83 100
131 10.1 5.0 14.9
85 65.2 32.1 96.5

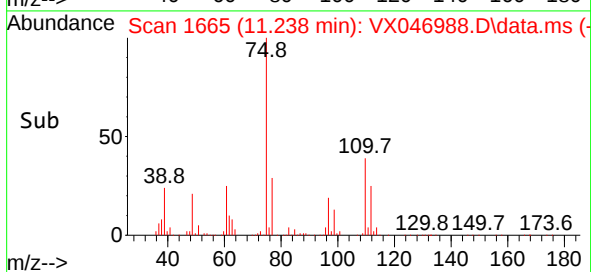
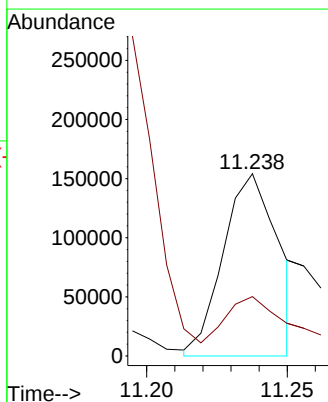
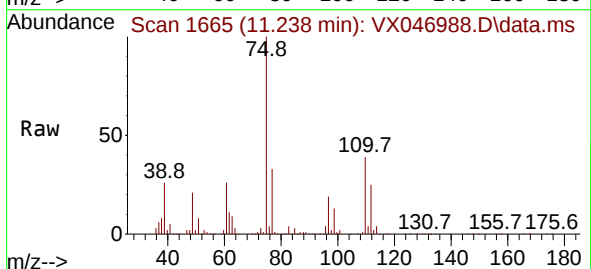
Manual Integrations
APPROVED

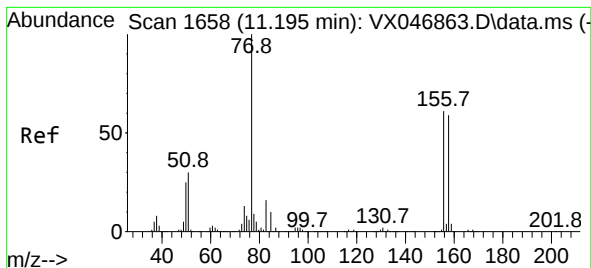
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#76
1,2,3-Trichloropropane
Concen: 62.119 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Tgt Ion: 75 Resp: 209071
Ion Ratio Lower Upper
75 100
77 41.5 20.6 61.8





#77

Bromobenzene

Concen: 54.115 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VX046988.D

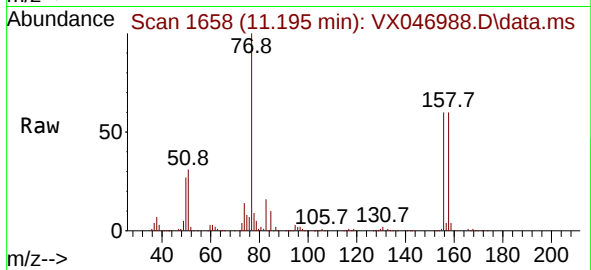
Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:156 Resp: 206399

Ion Ratio Lower Upper

156 100

77 169.1 82.3 247.0

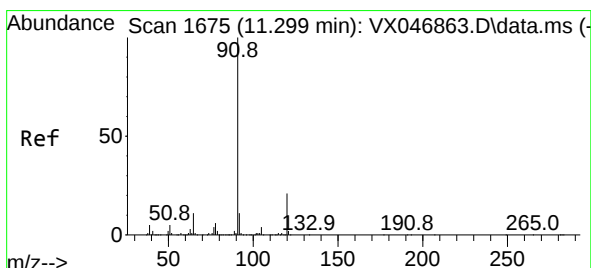
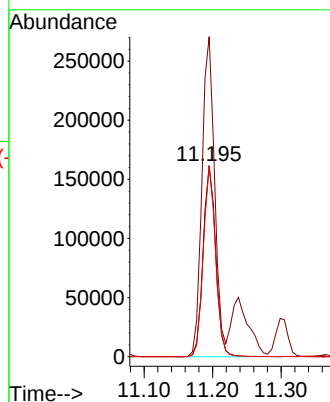
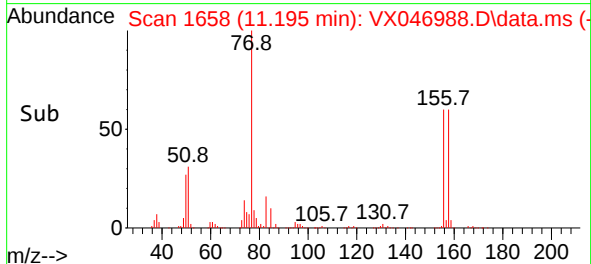
158 97.6 47.5 142.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#78

n-propylbenzene

Concen: 54.061 ug/l

RT: 11.299 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VX046988.D

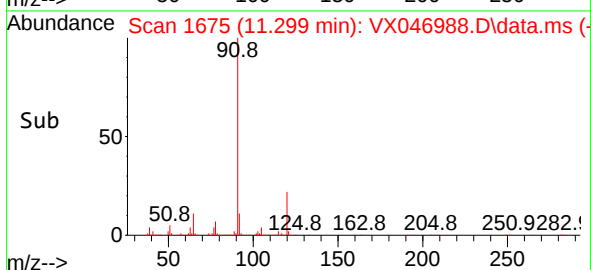
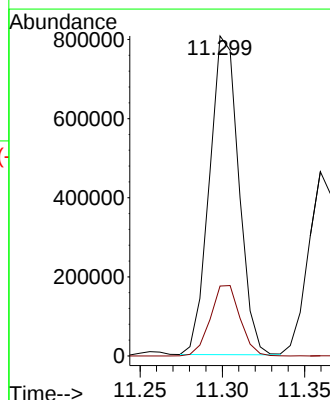
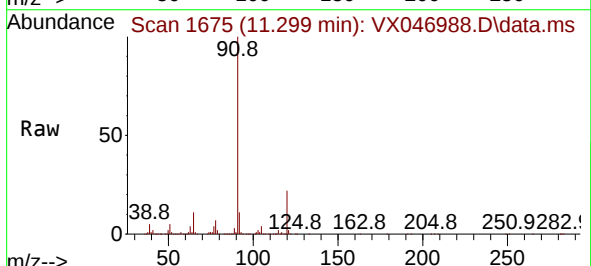
Acq: 15 Jul 2025 10:18

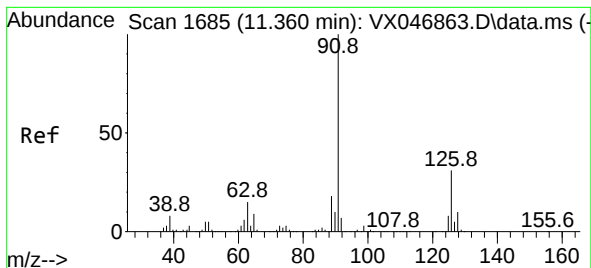
Tgt Ion: 91 Resp: 998163

Ion Ratio Lower Upper

91 100

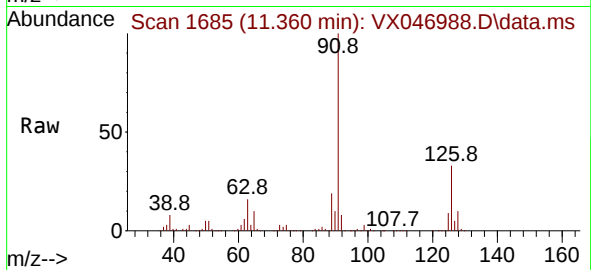
120 22.4 11.2 33.5





#79
2-Chlorotoluene
Concen: 53.911 ug/l
RT: 11.360 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

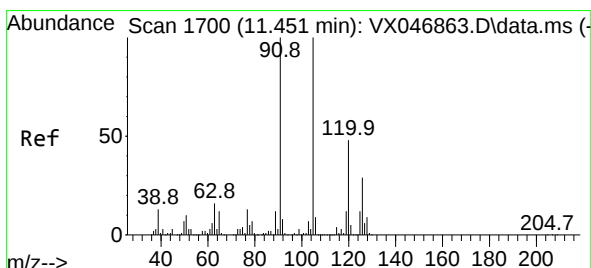
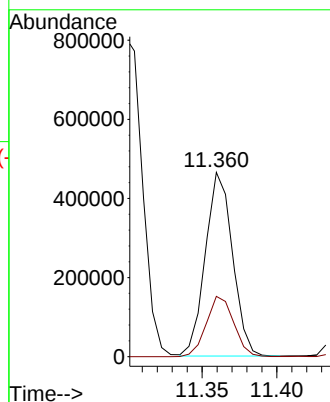
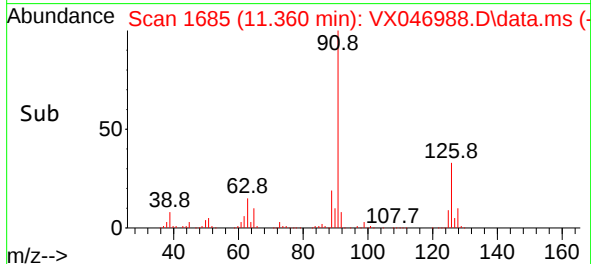
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



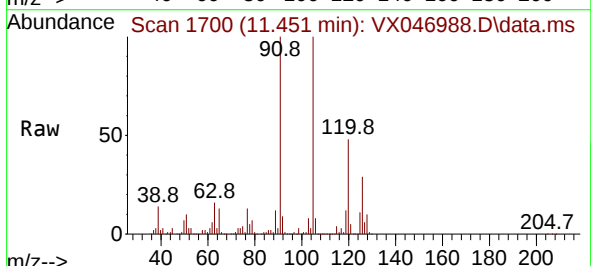
Tgt Ion: 91 Resp: 587749
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8

Manual Integrations
APPROVED

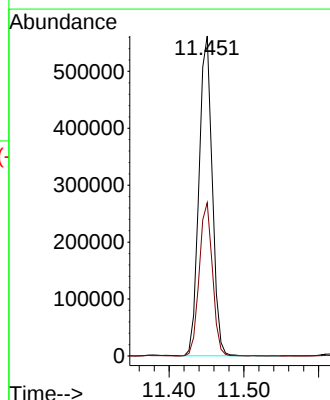
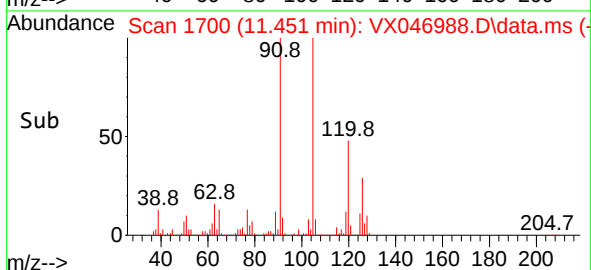
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

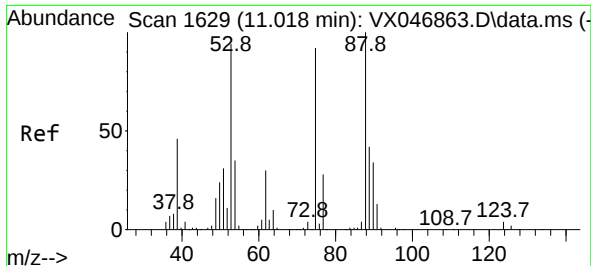


#80
1,3,5-Trimethylbenzene
Concen: 55.555 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion:105 Resp: 691213
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.4





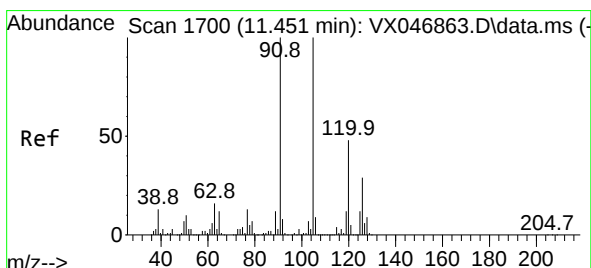
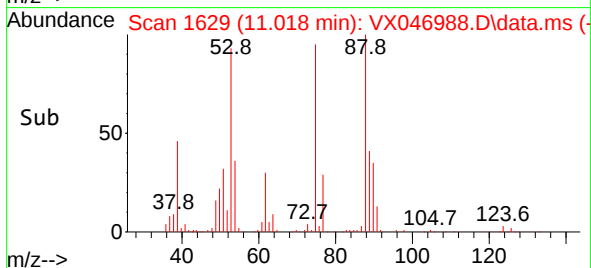
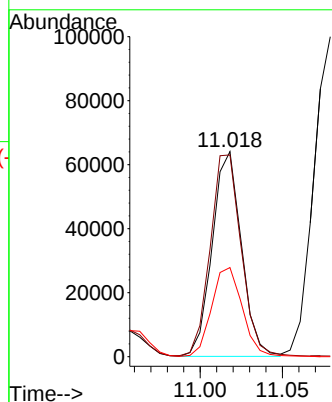
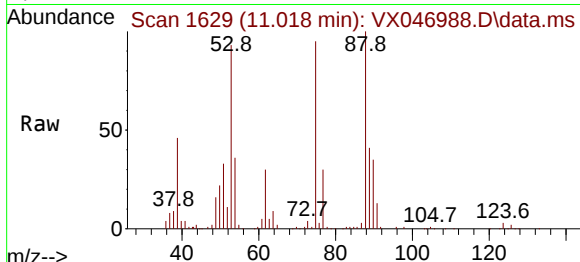
#81
trans-1,4-Dichloro-2-butene
Concen: 62.934 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 78932
Ion Ratio Lower Upper
75 100
53 104.9 83.7 125.5
89 46.0 38.2 57.2

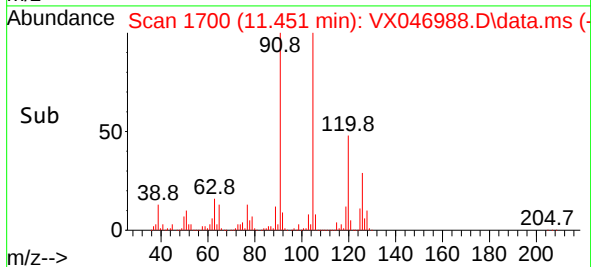
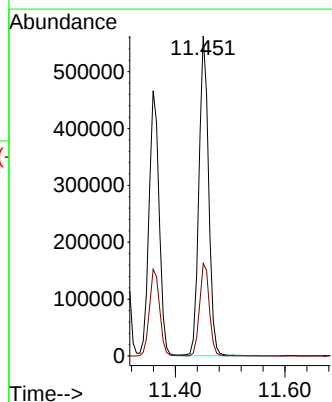
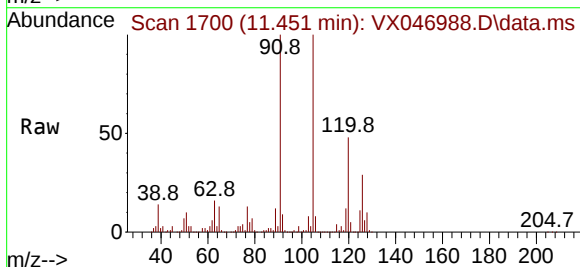
Manual Integrations
APPROVED

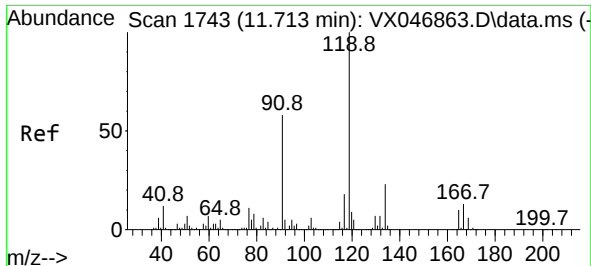
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#82
4-Chlorotoluene
Concen: 54.922 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

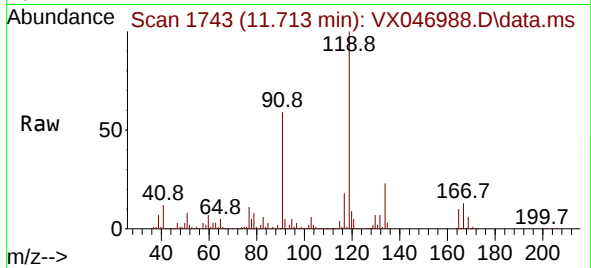
Tgt Ion: 91 Resp: 690973
Ion Ratio Lower Upper
91 100
126 29.2 14.6 44.0





#83
tert-Butylbenzene
Concen: 55.447 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

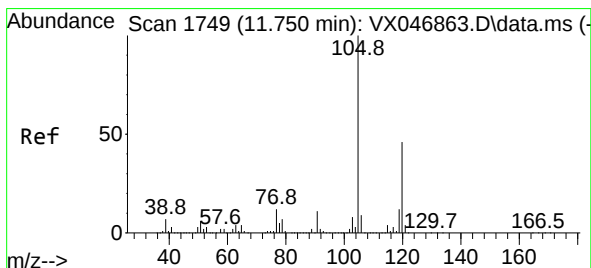
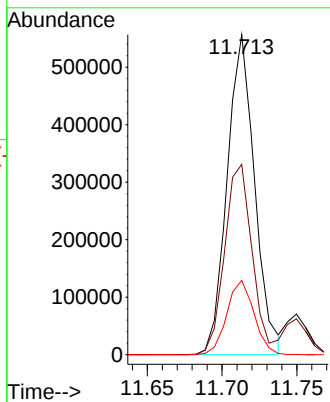
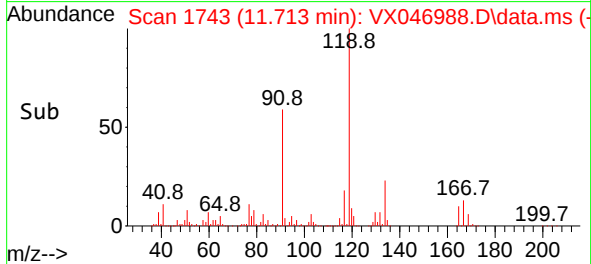
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



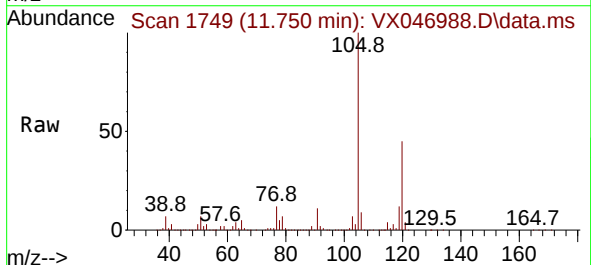
Tgt Ion:119 Resp: 71251
Ion Ratio Lower Upper
119 100
91 59.0 28.7 86.3
134 22.9 11.4 34.2

Manual Integrations
APPROVED

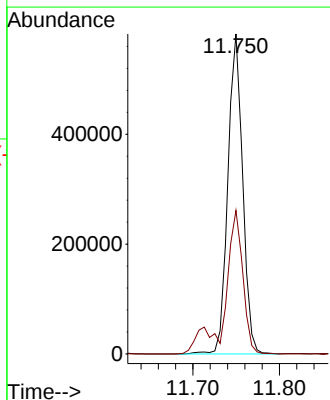
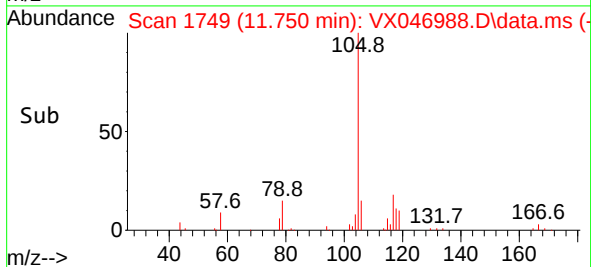
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#84
1,2,4-Trimethylbenzene
Concen: 54.888 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



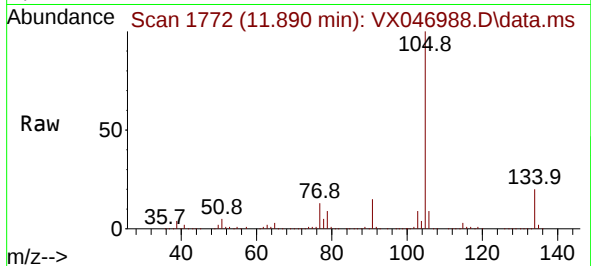
Tgt Ion:105 Resp: 690267
Ion Ratio Lower Upper
105 100
120 43.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 54.448 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046988.D
 Acq: 15 Jul 2025 10:18

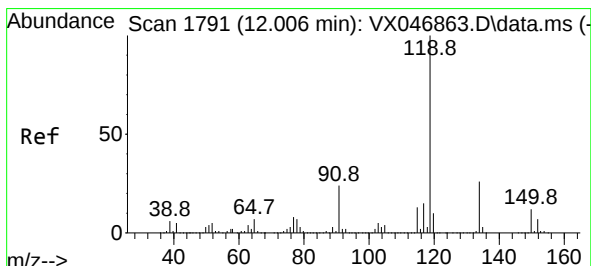
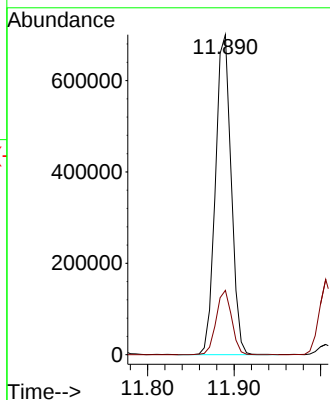
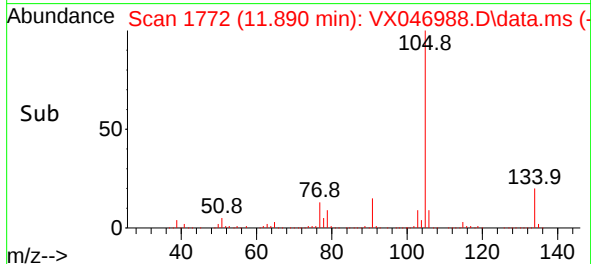
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



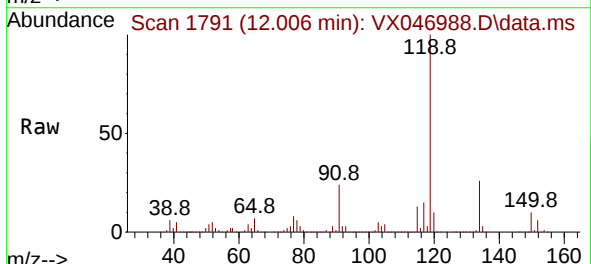
Tgt Ion:105 Resp: 882170
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7

Manual Integrations
 APPROVED

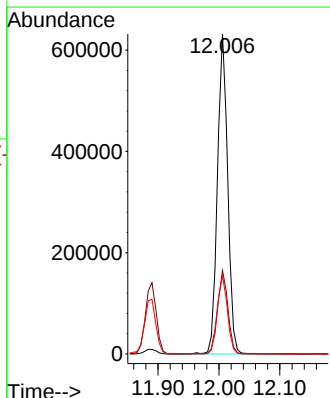
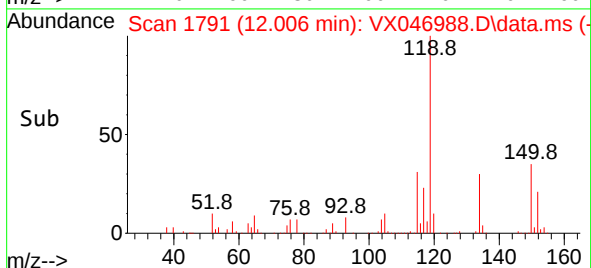
Reviewed By :John Carlone 07/16/2025
 Supervised By :Mahesh Dadoda 07/16/2025

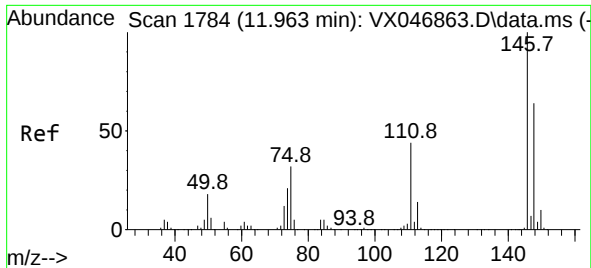


#86
 p-Isopropyltoluene
 Concen: 54.164 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046988.D
 Acq: 15 Jul 2025 10:18



Tgt Ion:119 Resp: 734892
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.6 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 53.393 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 380859

Ion Ratio Lower Upper

146 100

111 42.1 20.5 61.6

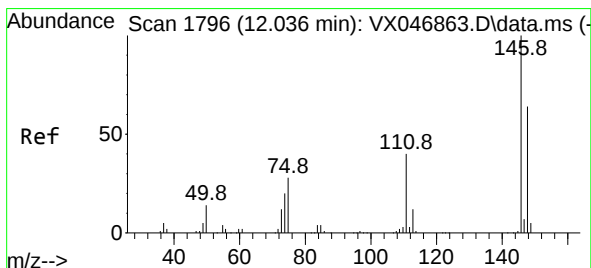
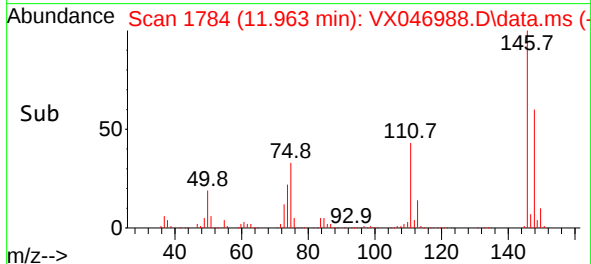
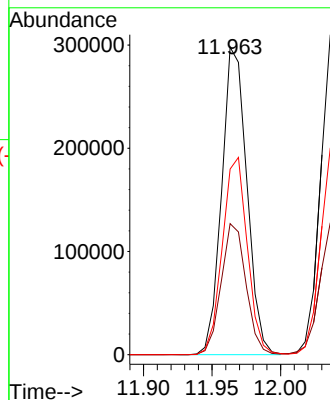
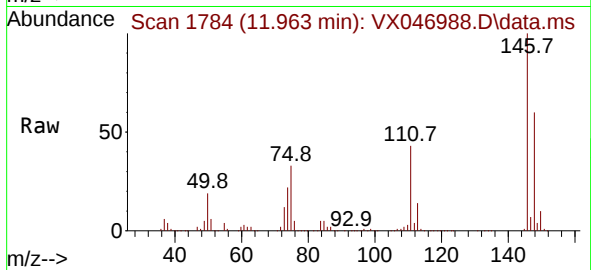
148 63.9 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#88

1,4-Dichlorobenzene

Concen: 51.299 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

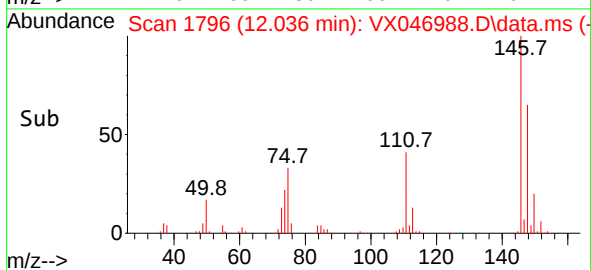
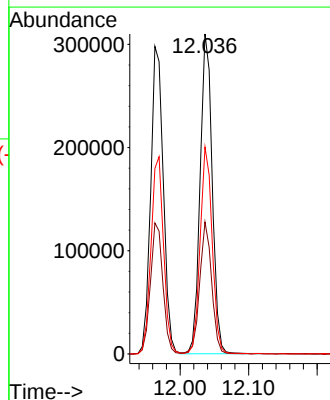
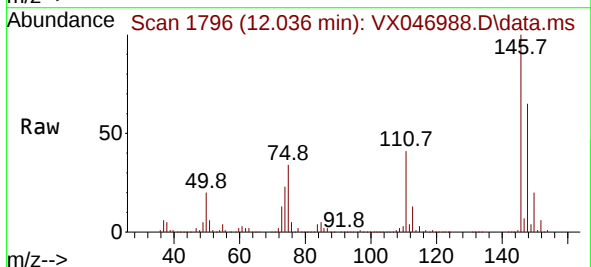
Tgt Ion:146 Resp: 380835

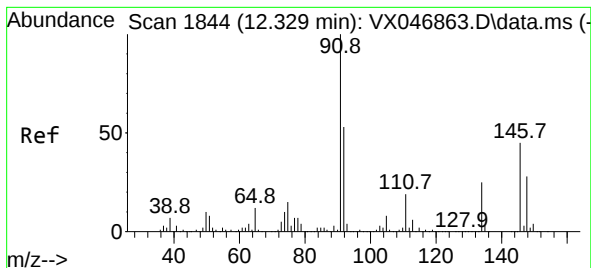
Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.5

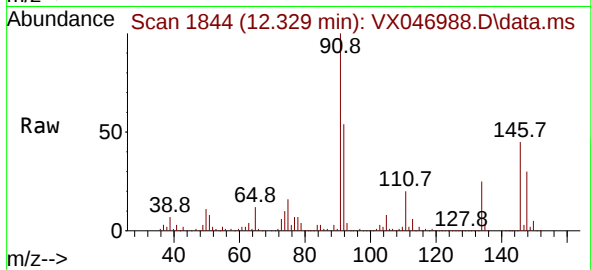
148 64.5 32.4 97.0





#89
n-Butylbenzene
Concen: 53.620 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

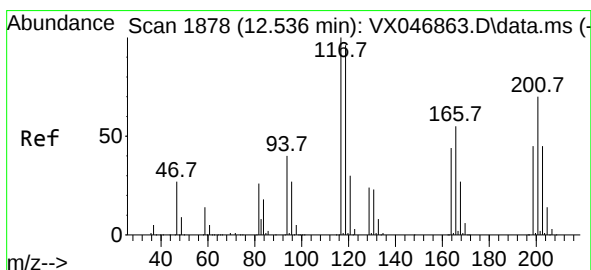
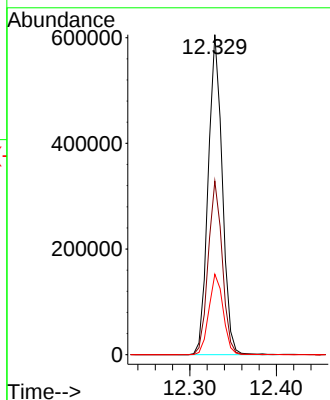
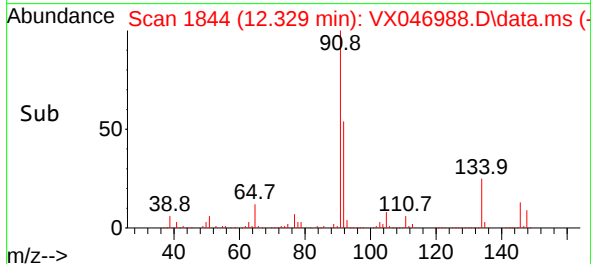
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 683574
Ion Ratio Lower Upper
91 100
92 54.1 27.0 81.0
134 25.7 12.8 38.4

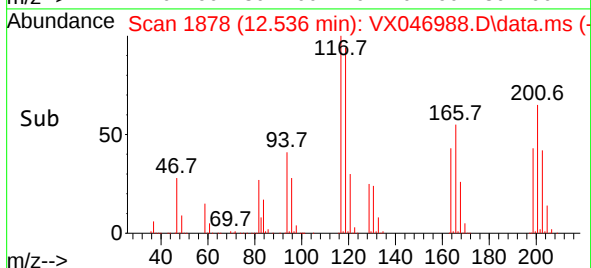
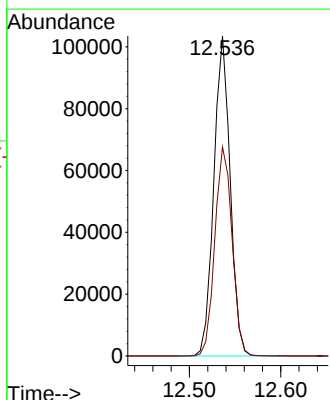
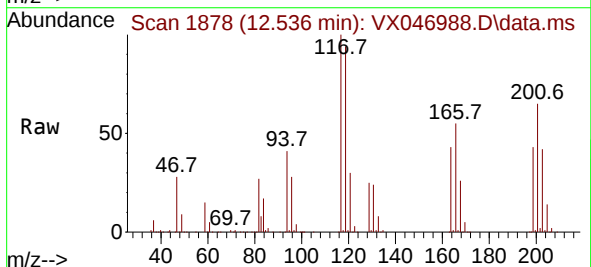
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#90
Hexachloroethane
Concen: 53.616 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

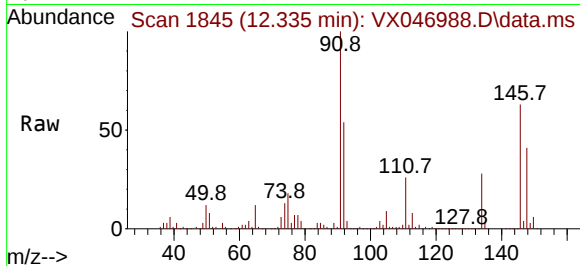
Tgt Ion:117 Resp: 128960
Ion Ratio Lower Upper
117 100
201 68.9 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 53.099 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

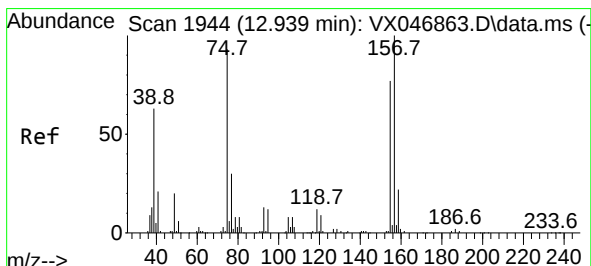
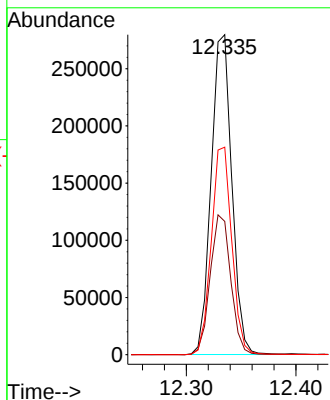
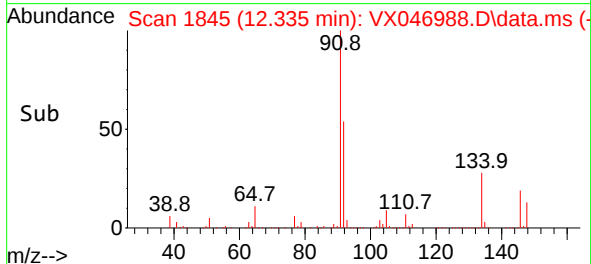
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 367044
Ion Ratio Lower Upper
146 100
111 43.5 21.1 63.1
148 64.5 31.6 95.0

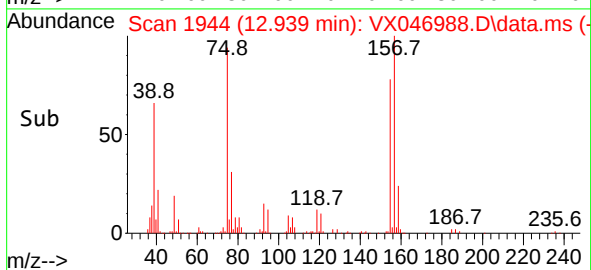
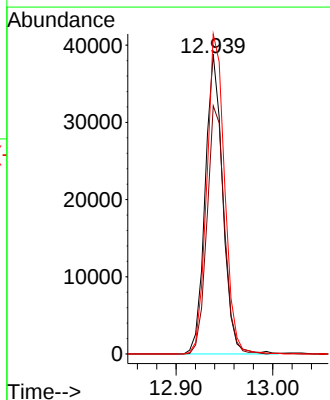
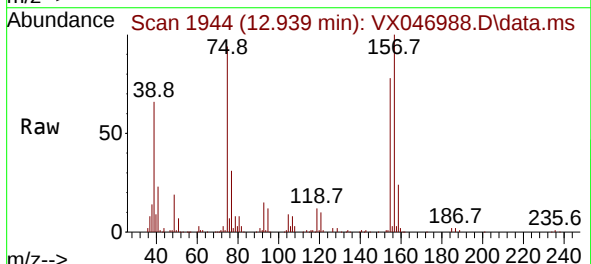
Manual Integrations
APPROVED

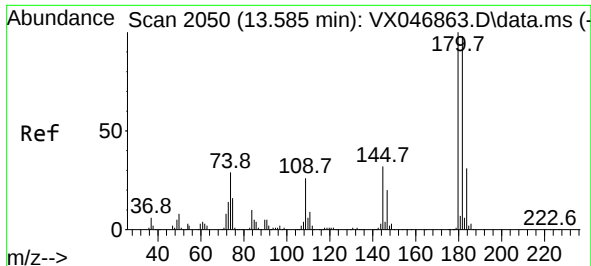
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 66.756 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

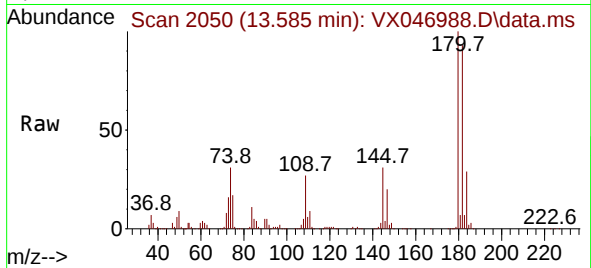
Tgt Ion: 75 Resp: 49161
Ion Ratio Lower Upper
75 100
155 82.4 43.1 129.4
157 108.4 56.5 169.5





#93
1,2,4-Trichlorobenzene
Concen: 54.458 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18

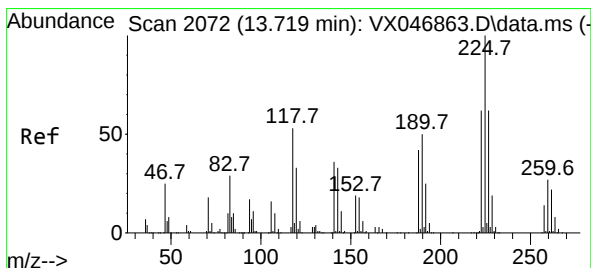
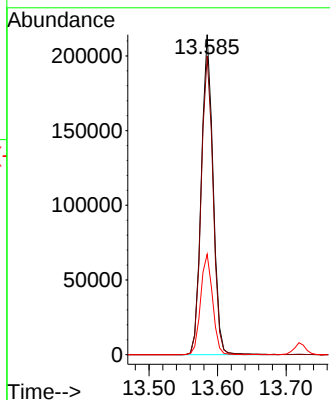
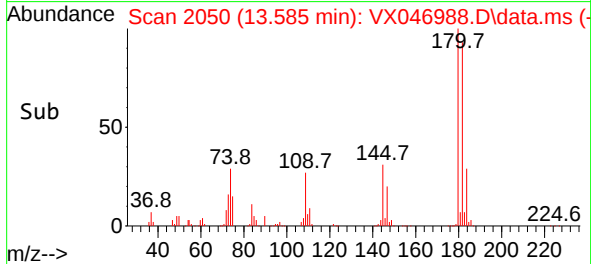
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



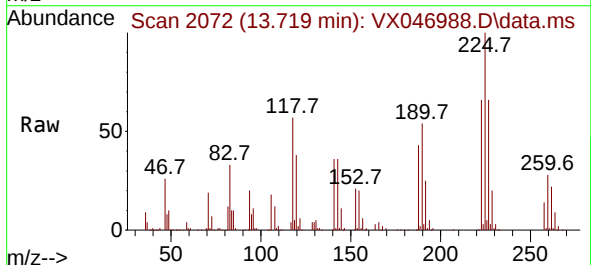
Tgt Ion:180 Resp: 255734
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 31.9 16.1 48.2

Manual Integrations
APPROVED

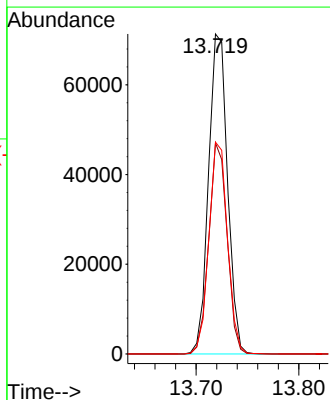
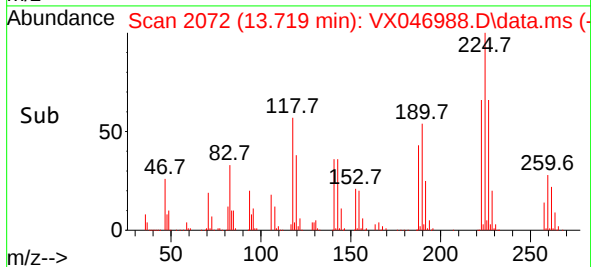
Reviewed By :John Carlone 07/16/2025
Supervised By :Mahesh Dadoda 07/16/2025

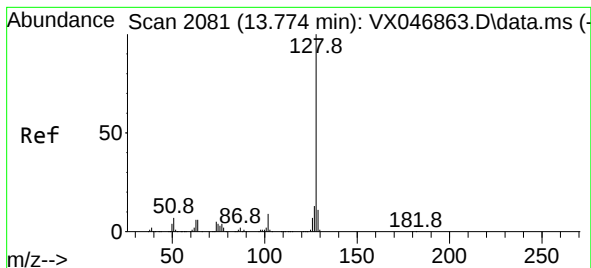


#94
Hexachlorobutadiene
Concen: 51.589 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VX046988.D
Acq: 15 Jul 2025 10:18



Tgt Ion:225 Resp: 91363
Ion Ratio Lower Upper
225 100
223 63.4 31.6 94.7
227 65.0 31.6 94.7





#95

Naphthalene

Concen: 62.888 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

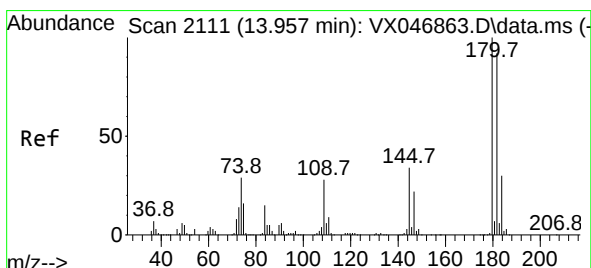
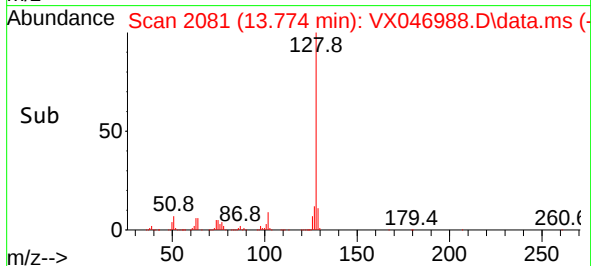
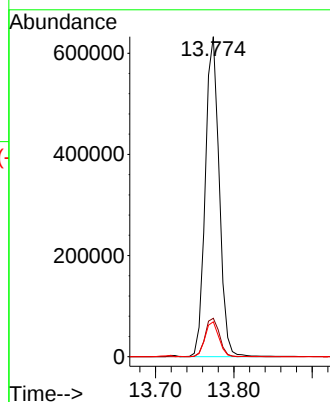
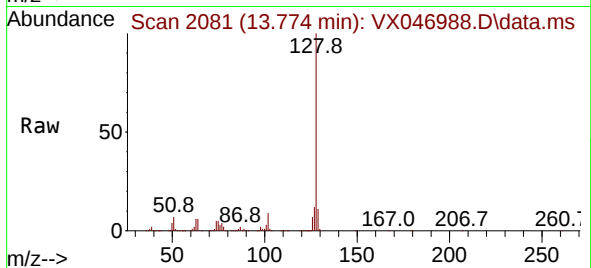
Tgt Ion:	128	Resp:	77820
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.2	15.4
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/16/2025

Supervised By :Mahesh Dadoda 07/16/2025



#96

1,2,3-Trichlorobenzene

Concen: 55.364 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. -0.000 min

Lab File: VX046988.D

Acq: 15 Jul 2025 10:18

Tgt Ion:	180	Resp:	245654
Ion Ratio	Lower	Upper	
180	100		
182	96.3	46.7	140.1
145	35.1	16.8	50.3

