

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071025\
 Data File : VX046933.D
 Acq On : 10 Jul 2025 09:54
 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 07/11/2025
 Supervised By : Mahesh Dadoda 07/14/2025

Quant Time: Jul 11 07:53:49 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	309661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	506196	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	449744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	231018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	208244	50.904	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.800%			
35) Dibromofluoromethane	5.391	113	174249	50.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.420%			
50) Toluene-d8	8.646	98	593543	48.959	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.920%			
62) 4-Bromofluorobenzene	11.079	95	228990	49.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	151949	51.309	ug/l	99
3) Chloromethane	1.306	50	164098	50.717	ug/l	95
4) Vinyl Chloride	1.386	62	177948	50.503	ug/l	97
5) Bromomethane	1.623	94	118796	52.473	ug/l	100
6) Chloroethane	1.703	64	116983	50.280	ug/l	98
7) Trichlorofluoromethane	1.904	101	286380	52.565	ug/l	99
8) Diethyl Ether	2.142	74	107924	55.664	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.343	101	186453	53.708	ug/l	100
10) Methyl Iodide	2.465	142	206546	54.611	ug/l	99
11) Tert butyl alcohol	2.952	59	81303	303.026	ug/l	100
12) 1,1-Dichloroethene	2.337	96	173641	51.712	ug/l	98
13) Acrolein	2.245	56	86467	291.173	ug/l	100
14) Allyl chloride	2.678	41	322811	53.998	ug/l	99
15) Acrylonitrile	3.068	53	449828	289.980	ug/l	99
16) Acetone	2.385	43	366304	288.263	ug/l	100
17) Carbon Disulfide	2.526	76	412212	46.811	ug/l	100
18) Methyl Acetate	2.709	43	215920	64.467	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	553871	58.411	ug/l	99
20) Methylene Chloride	2.800	84	205618	54.721	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	180079	52.410	ug/l	97
22) Diisopropyl ether	3.763	45	670716	58.072	ug/l	96
23) Vinyl Acetate	3.727	43	2477454	286.319	ug/l	100
24) 1,1-Dichloroethane	3.617	63	357940	54.341	ug/l	99
25) 2-Butanone	4.550	43	500177	295.023	ug/l	99
26) 2,2-Dichloropropane	4.483	77	260044	53.046	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	224062	53.411	ug/l	100
28) Bromochloromethane	4.903	49	174450	53.663	ug/l	98
29) Tetrahydrofuran	5.001	42	319193	295.346	ug/l	99
30) Chloroform	5.098	83	366588	54.475	ug/l	99
31) Cyclohexane	5.476	56	293928	50.264	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	299014	53.185	ug/l	99
36) 1,1-Dichloropropene	5.702	75	233003	50.259	ug/l	98
37) Ethyl Acetate	4.714	43	204824	51.873	ug/l	99
38) Carbon Tetrachloride	5.677	117	260404	53.130	ug/l	98
39) Methylcyclohexane	7.378	83	289659	49.948	ug/l	98
40) Benzene	6.037	78	738545	52.669	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	131689	62.520	ug/l	96
42) 1,2-Dichloroethane	6.086	62	262211	55.069	ug/l	99
43) Isopropyl Acetate	6.336	43	354544	58.622	ug/l	100
44) Trichloroethene	7.122	130	185363	50.782	ug/l	96
45) 1,2-Dichloropropane	7.427	63	191861	54.156	ug/l	97
46) Dibromomethane	7.580	93	133790	54.505	ug/l	100
47) Bromodichloromethane	7.817	83	291450	55.607	ug/l	99
48) Methyl methacrylate	7.689	41	183752	58.841	ug/l	98
49) 1,4-Dioxane	7.659	88	45551	1258.852	ug/l	99
51) 4-Methyl-2-Pentanone	8.567	43	1050082	294.193	ug/l	100
52) Toluene	8.714	92	458577	52.775	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	268066	57.309	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	300493	56.281	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	181961	56.221	ug/l	98
56) Ethyl methacrylate	9.116	69	261996	58.487	ug/l	99
57) 1,3-Dichloropropane	9.305	76	307072	55.100	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	750523	297.352	ug/l	99
59) 2-Hexanone	9.427	43	714728	301.884	ug/l	99
60) Dibromochloromethane	9.518	129	217275	56.096	ug/l	98
61) 1,2-Dibromoethane	9.610	107	182626	56.184	ug/l	100
64) Tetrachloroethene	9.274	164	154054	51.447	ug/l	91
65) Chlorobenzene	10.079	112	519904	53.468	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	182763	55.912	ug/l	100
67) Ethyl Benzene	10.189	91	895395	53.771	ug/l	99
68) m/p-Xylenes	10.299	106	673223	107.290	ug/l	99
69) o-Xylene	10.640	106	328951	54.271	ug/l	99
70) Styrene	10.652	104	575709	55.516	ug/l	100
71) Bromoform	10.799	173	139236	57.288	ug/l #	97
73) Isopropylbenzene	10.957	105	877918	54.059	ug/l	99
74) N-amyl acetate	10.841	43	314316	56.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	247309	55.381	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	196306m	54.995	ug/l	
77) Bromobenzene	11.195	156	214087	52.925	ug/l	98
78) n-propylbenzene	11.298	91	1034484	52.828	ug/l	99
79) 2-Chlorotoluene	11.359	91	601179	51.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	711235	53.899	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	73354	55.146	ug/l	97
82) 4-Chlorotoluene	11.451	91	713998	53.511	ug/l	100
83) tert-Butylbenzene	11.713	119	732365	53.736	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	714758	53.589	ug/l	97
85) sec-Butylbenzene	11.890	105	903499	52.579	ug/l	100
86) p-Isopropyltoluene	12.006	119	757887	52.668	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	398386	52.660	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	402250	51.089	ug/l	100
89) n-Butylbenzene	12.329	91	710200	52.526	ug/l	100
90) Hexachloroethane	12.536	117	135916	53.280	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	386093	52.664	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	44132	56.504	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	262781	52.762	ug/l	99
94) Hexachlorobutadiene	13.725	225	95431	50.808	ug/l	99
95) Naphthalene	13.774	128	748433	57.028	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	253738	53.919	ug/l	99

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ClientSampleId :
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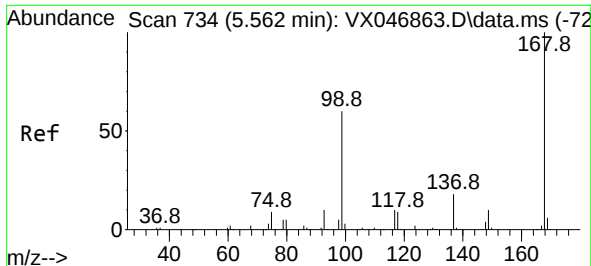
Manual Integrations
APPROVED

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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

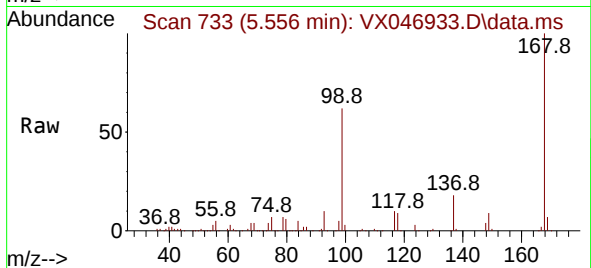
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

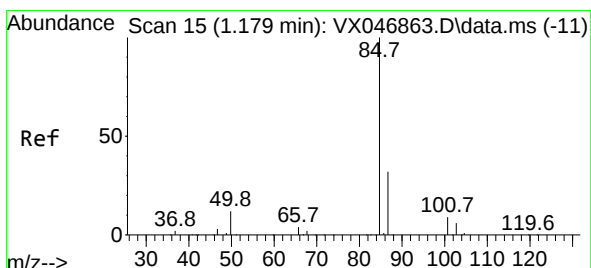
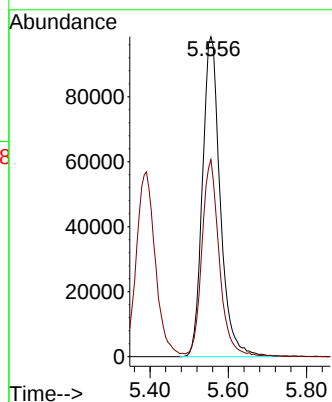
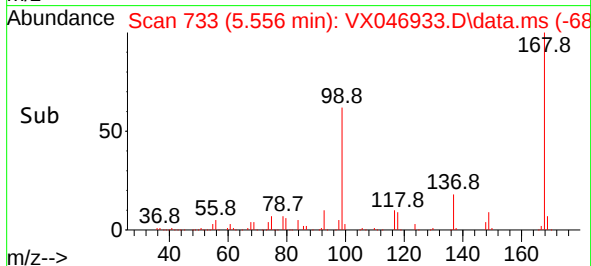
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 30966
Ion Ratio Lower Upper
168 100
99 61.4 48.8 73.2

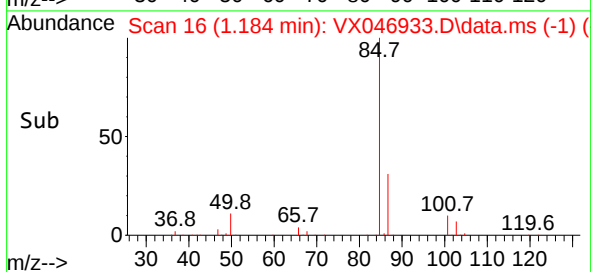
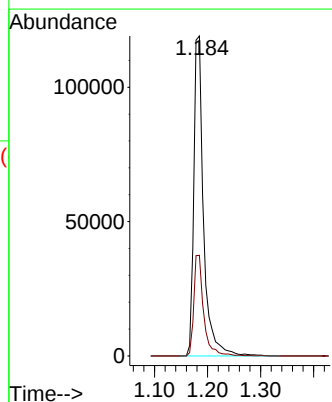
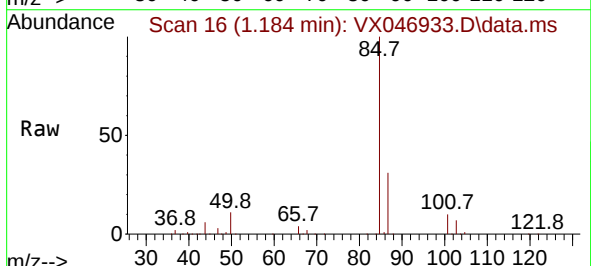
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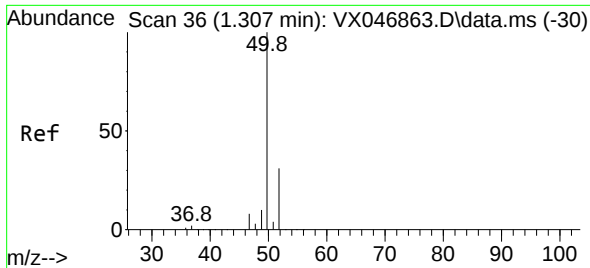
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#2
Dichlorodifluoromethane
Concen: 51.309 ug/l
RT: 1.184 min Scan# 16
Delta R.T. 0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

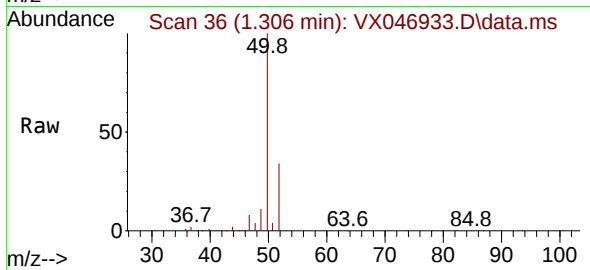
Tgt Ion: 85 Resp: 151949
Ion Ratio Lower Upper
85 100
87 31.5 16.0 47.9





#3
Chloromethane
Concen: 50.717 ug/l
RT: 1.306 min Scan# 30
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

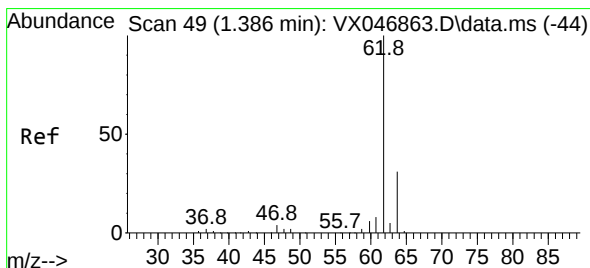
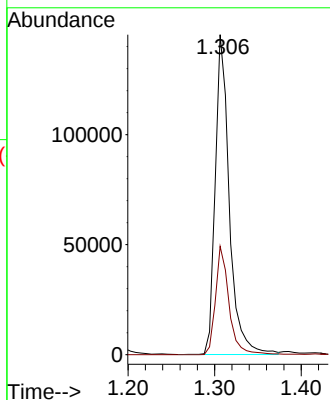
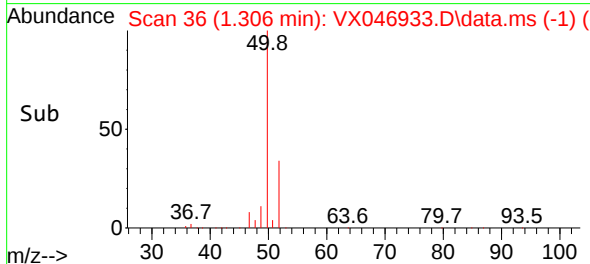
Instrument :
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VSTDCCC050



Tgt Ion: 50 Resp: 164098
Ion Ratio Lower Upper
50 100
52 33.9 25.0 37.4

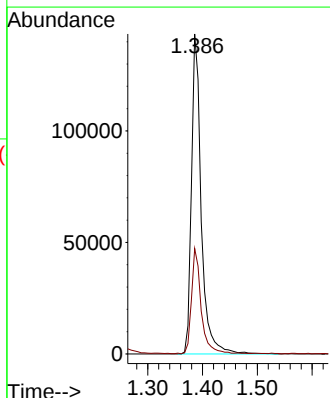
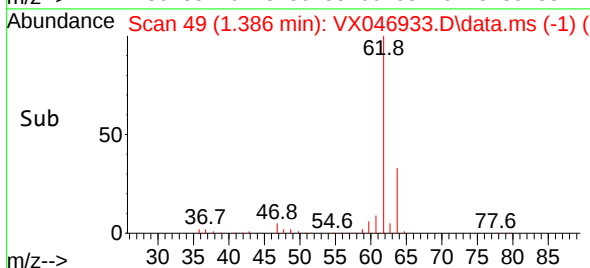
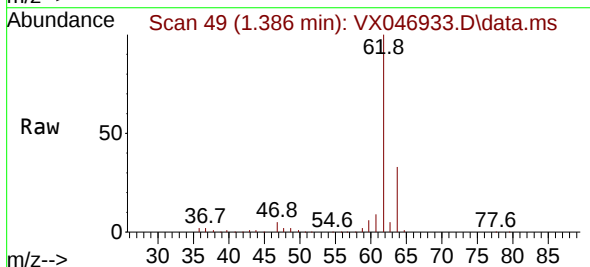
Manual Integrations
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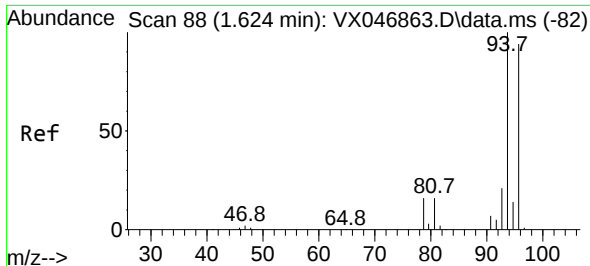
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#4
Vinyl Chloride
Concen: 50.503 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

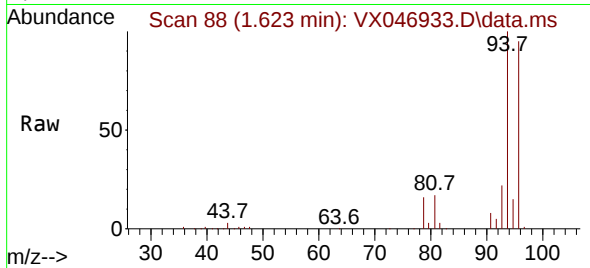
Tgt Ion: 62 Resp: 177948
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.4





#5
Bromomethane
Concen: 52.473 ug/l
RT: 1.623 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

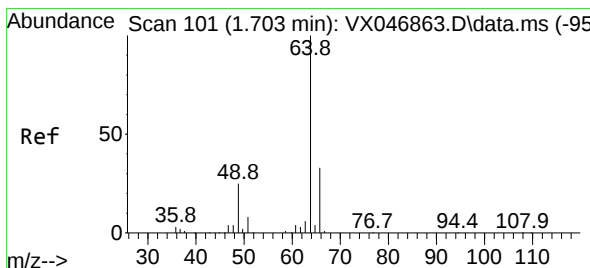
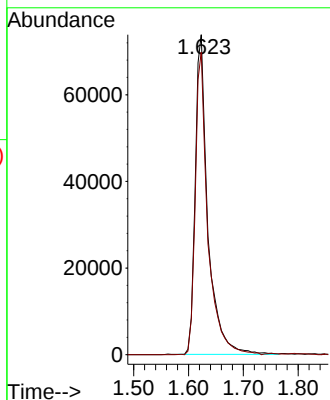
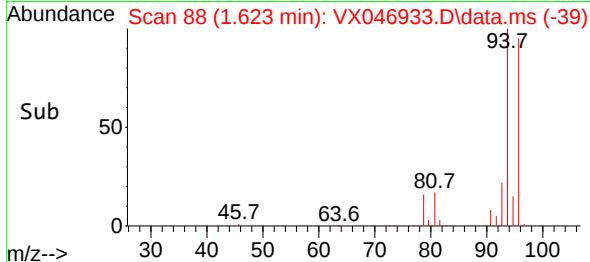
Instrument :
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Tgt Ion: 94 Resp: 118790
Ion Ratio Lower Upper
94 100
96 94.6 75.5 113.3

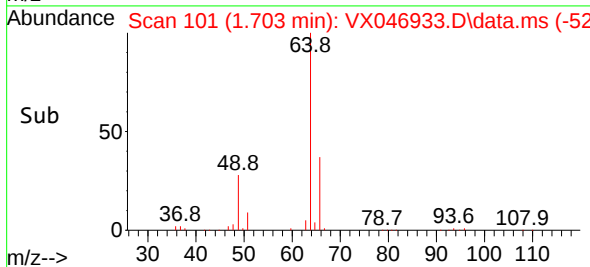
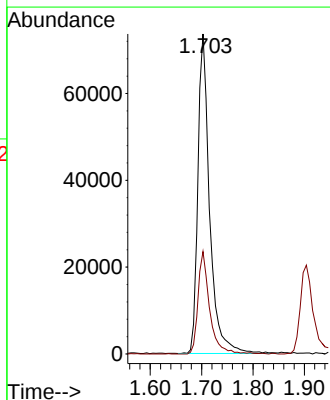
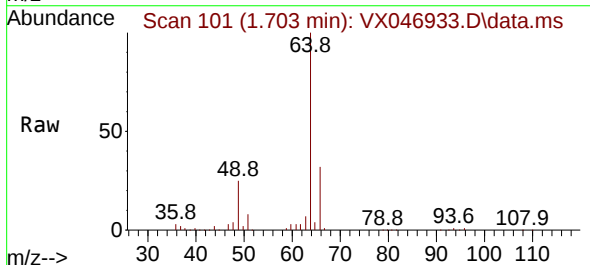
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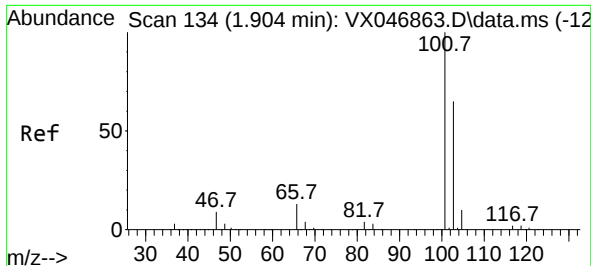
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#6
Chloroethane
Concen: 50.280 ug/l
RT: 1.703 min Scan# 101
Delta R.T. -0.000 min
Lab File: VX046933.D
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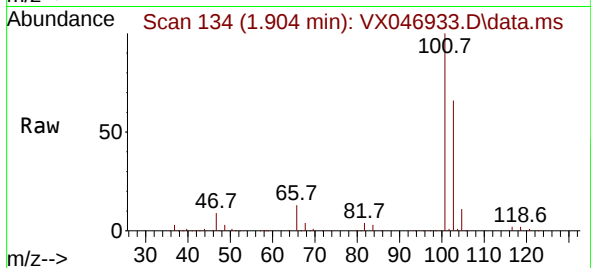
Tgt Ion: 64 Resp: 116983
Ion Ratio Lower Upper
64 100
66 32.1 26.4 39.6





#7
Trichlorofluoromethane
Concen: 52.565 ug/l
RT: 1.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

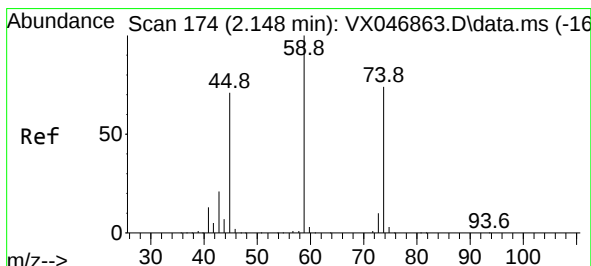
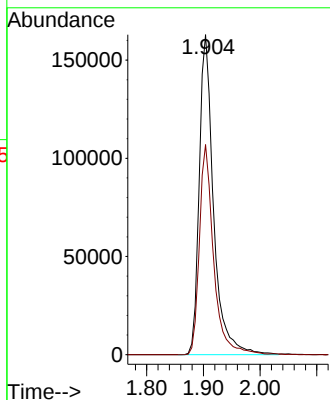
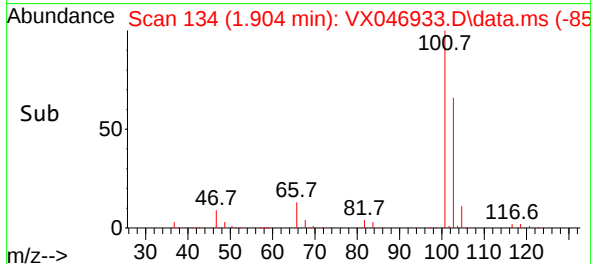
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 286380
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9

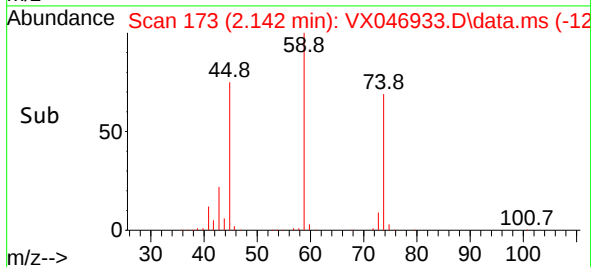
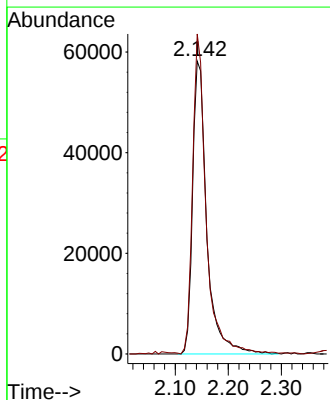
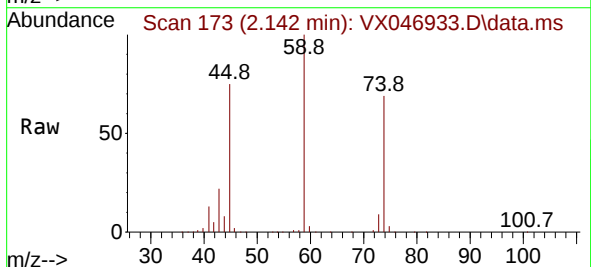
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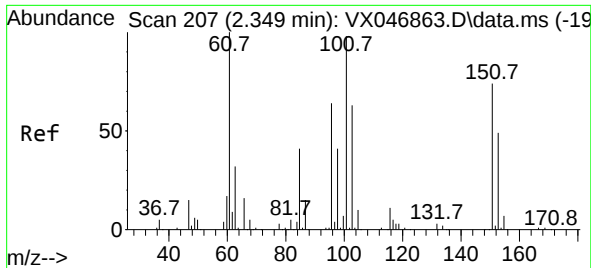
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#8
Diethyl Ether
Concen: 55.664 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

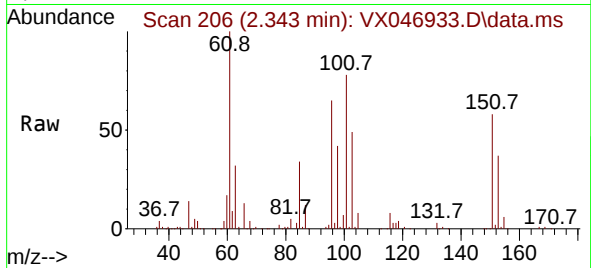
Tgt Ion: 74 Resp: 107924
Ion Ratio Lower Upper
74 100
45 102.9 50.7 152.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.708 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

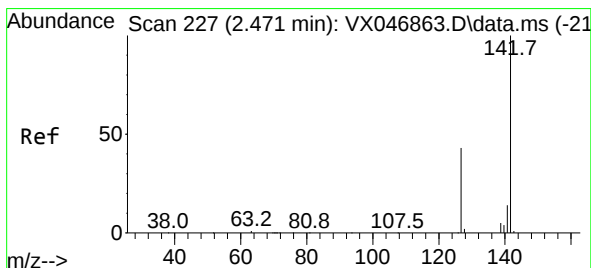
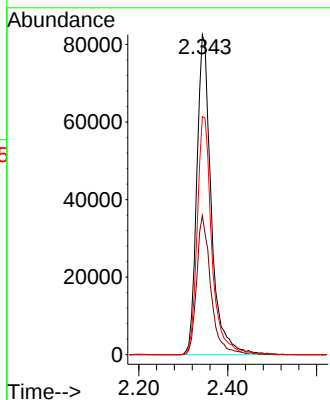
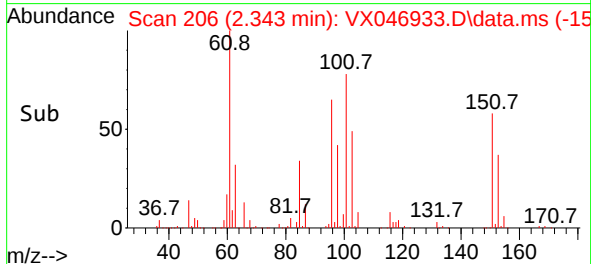
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



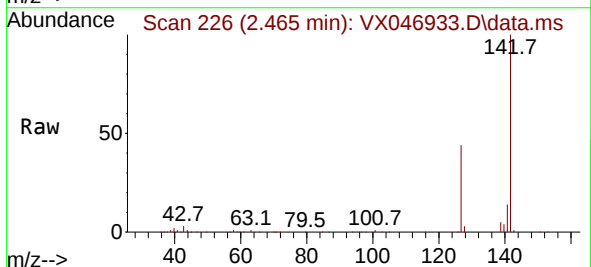
Tgt Ion:101 Resp: 18645
Ion Ratio Lower Upper
101 100
85 43.0 34.3 51.5
151 75.3 59.9 89.9

Manual Integrations
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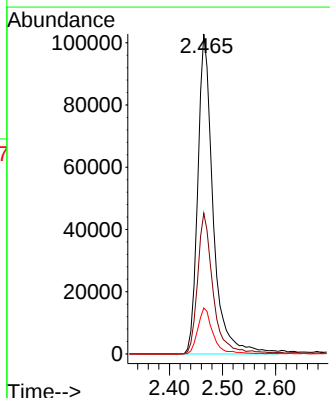
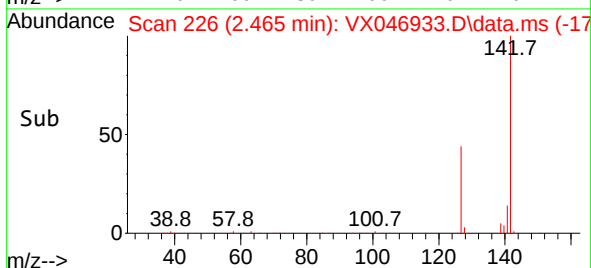
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

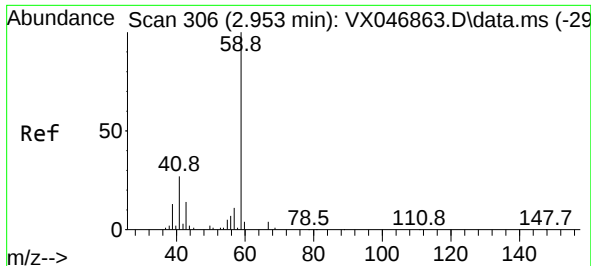


#10
Methyl Iodide
Concen: 54.611 ug/l
RT: 2.465 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



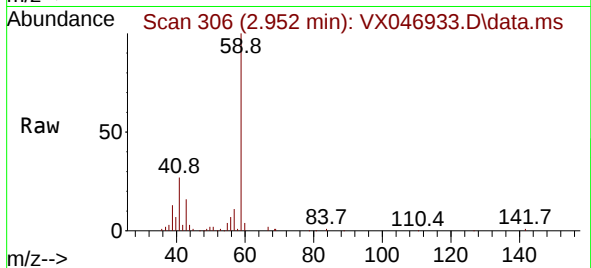
Tgt Ion:142 Resp: 206546
Ion Ratio Lower Upper
142 100
127 44.5 34.9 52.3
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 303.026 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

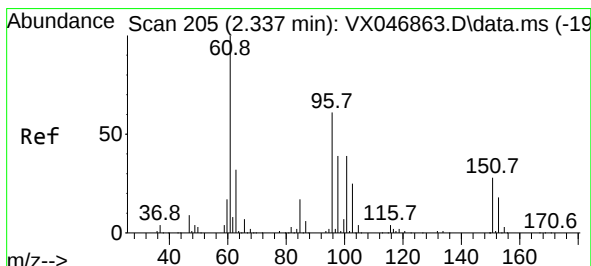
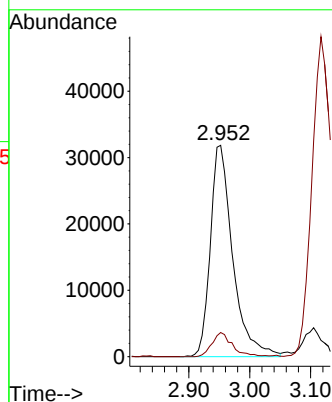
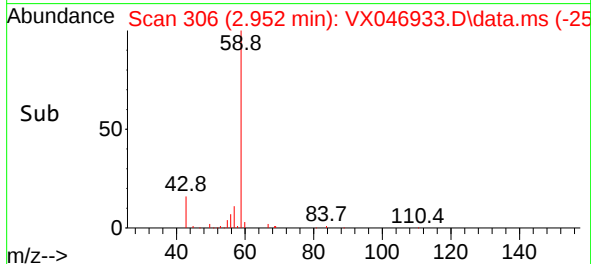
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



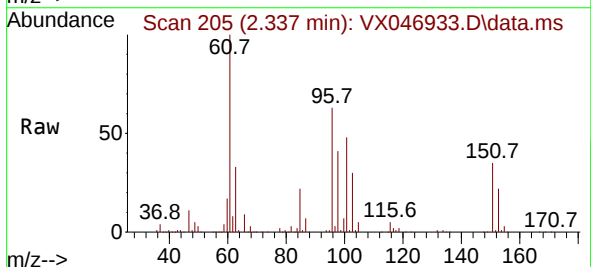
Tgt Ion: 59 Resp: 8130
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

Manual Integrations
APPROVED

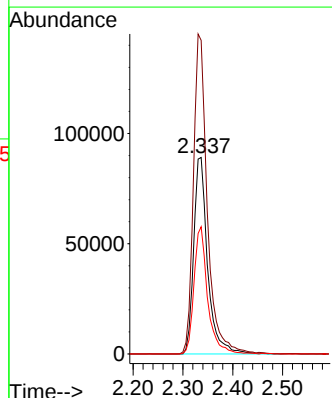
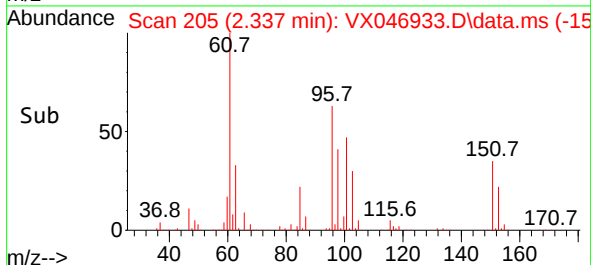
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

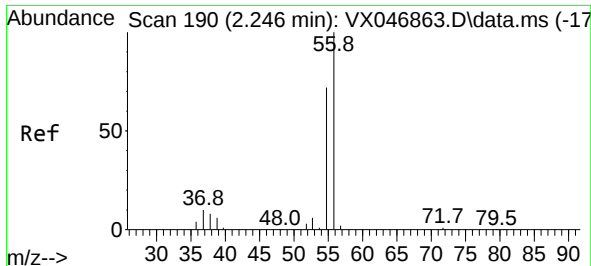


#12
1,1-Dichloroethene
Concen: 51.712 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



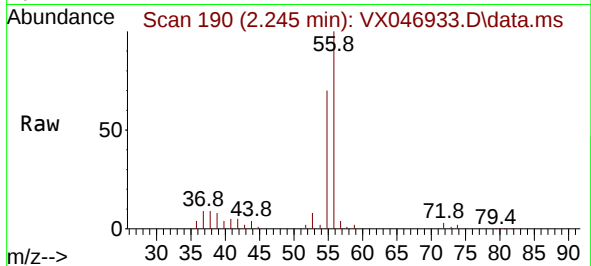
Tgt Ion: 96 Resp: 173641
Ion Ratio Lower Upper
96 100
61 159.5 130.2 195.4
98 64.7 51.3 76.9





#13
Acrolein
Concen: 291.173 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

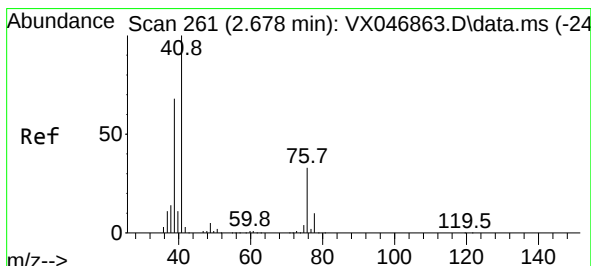
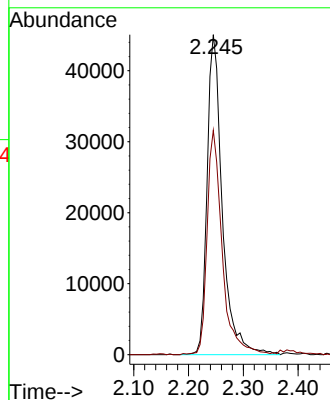
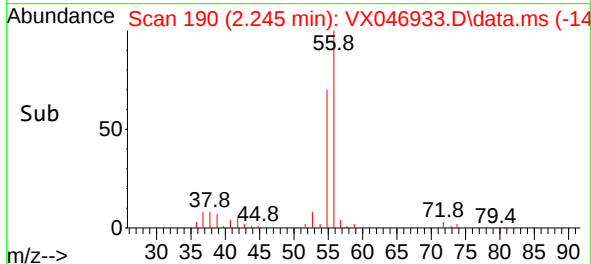
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 8646
Ion Ratio Lower Upper
56 100
55 69.7 55.5 83.3

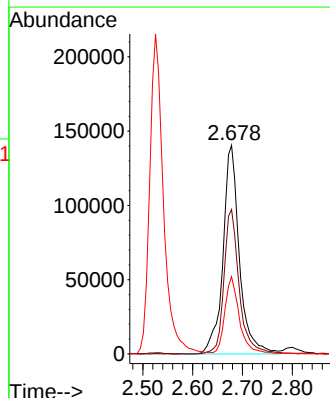
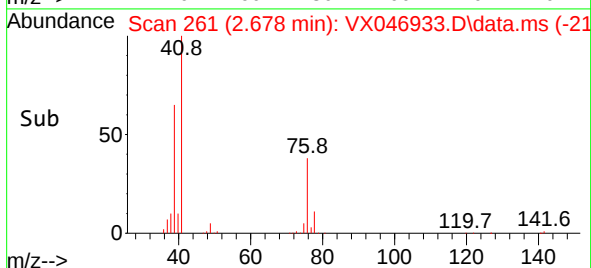
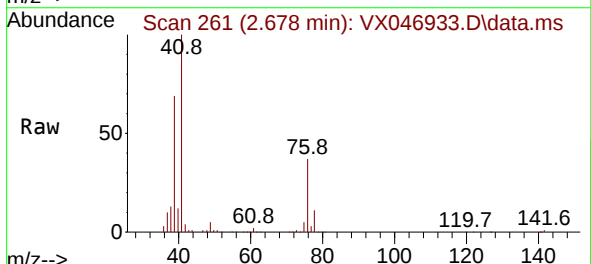
Manual Integrations
APPROVED

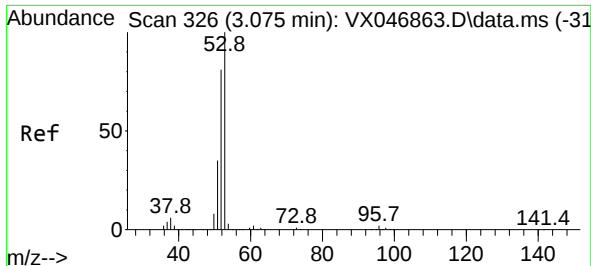
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#14
Allyl chloride
Concen: 53.998 ug/l
RT: 2.678 min Scan# 261
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion: 41 Resp: 322811
Ion Ratio Lower Upper
41 100
39 64.4 52.0 78.0
76 33.0 26.2 39.2





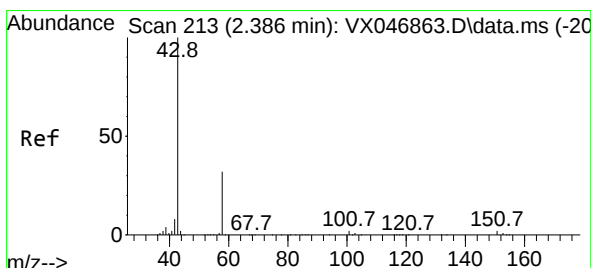
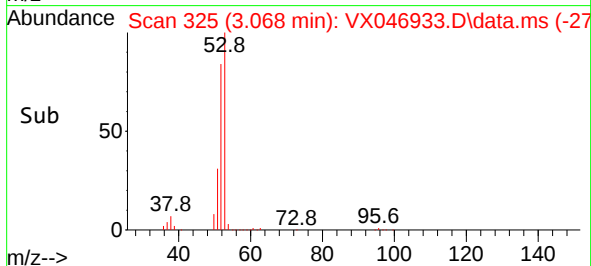
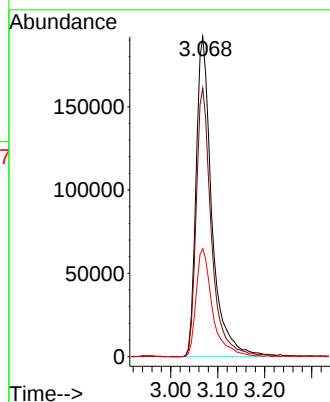
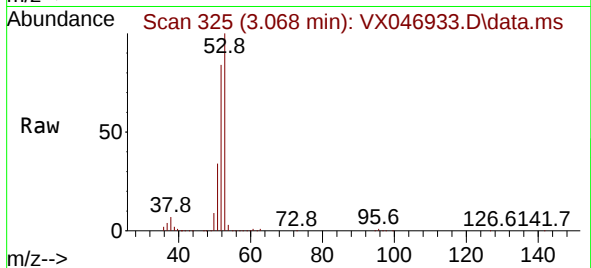
#15
Acrylonitrile
Concen: 289.980 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 449828
Ion Ratio Lower Upper
53 100
52 81.3 66.0 99.0
51 35.2 28.6 43.0

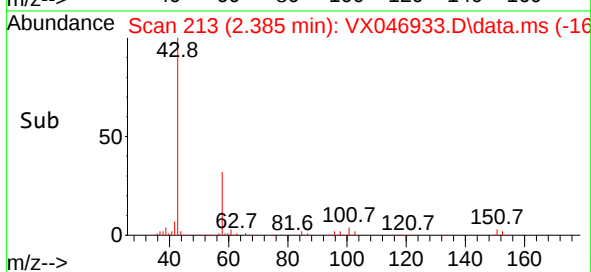
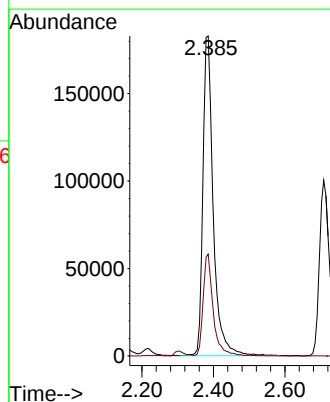
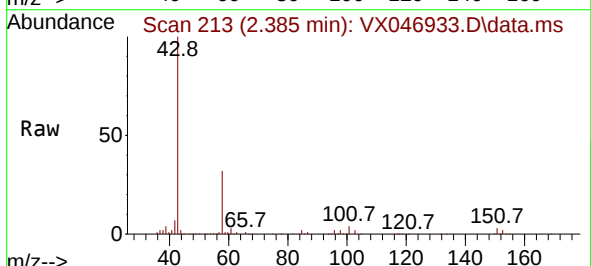
Manual Integrations
APPROVED

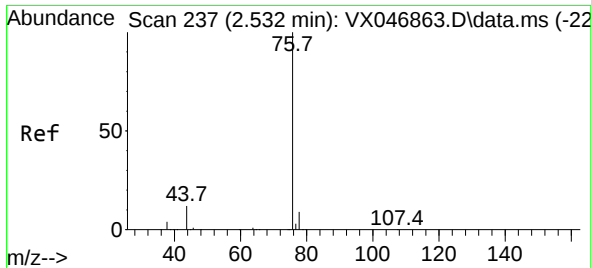
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#16
Acetone
Concen: 288.263 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

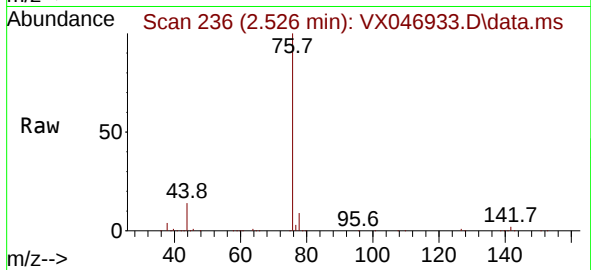
Tgt Ion: 43 Resp: 366304
Ion Ratio Lower Upper
43 100
58 32.1 25.8 38.6





#17
Carbon Disulfide
Concen: 46.811 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

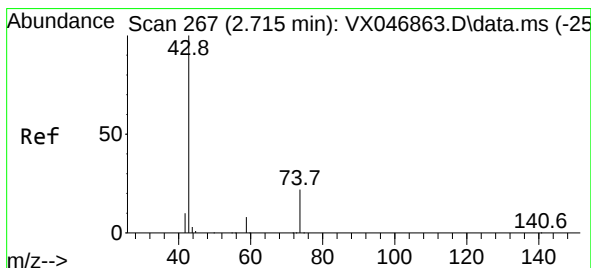
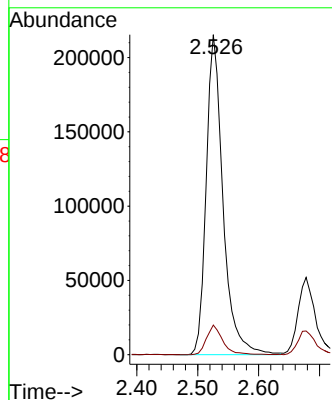
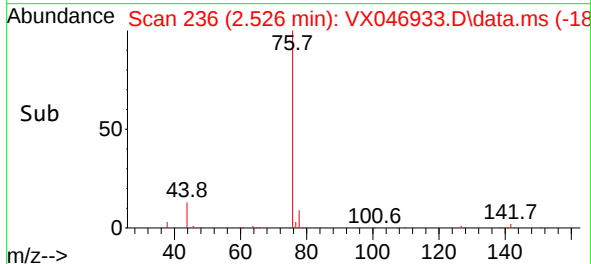
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 41221
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

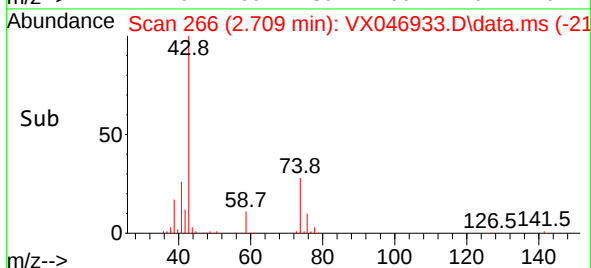
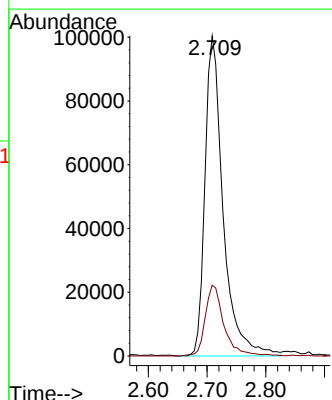
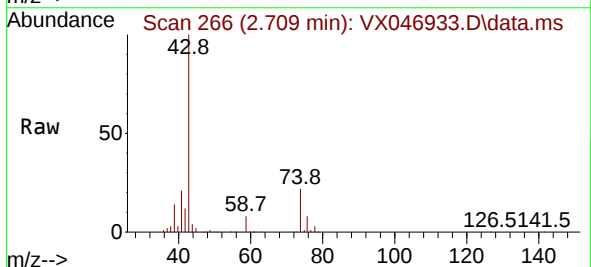
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#18
Methyl Acetate
Concen: 64.467 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion: 43 Resp: 215920
Ion Ratio Lower Upper
43 100
74 22.7 18.3 27.5





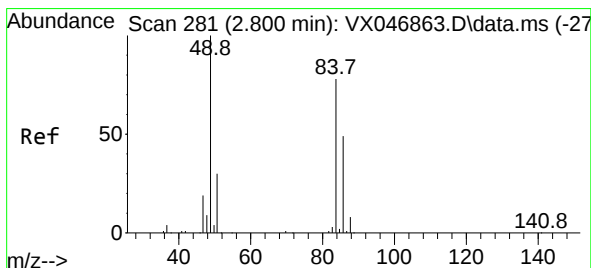
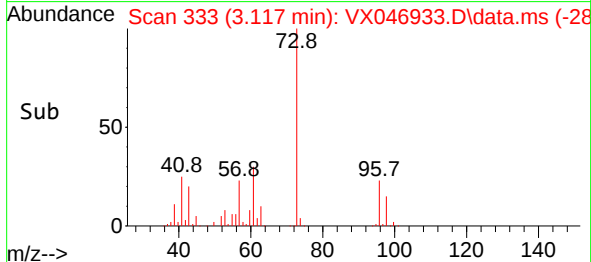
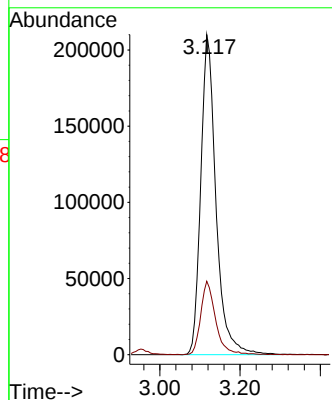
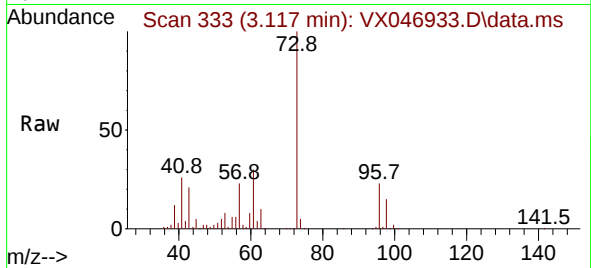
#19
Methyl tert-butyl Ether
Concen: 58.411 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 55387
Ion Ratio Lower Upper
73 100
57 22.9 18.6 28.0

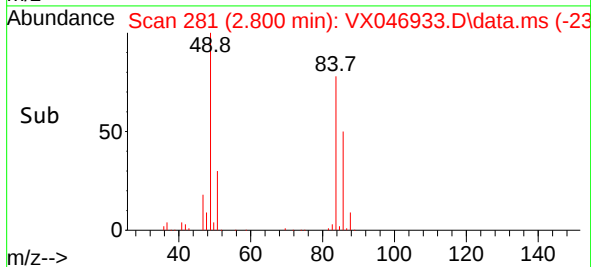
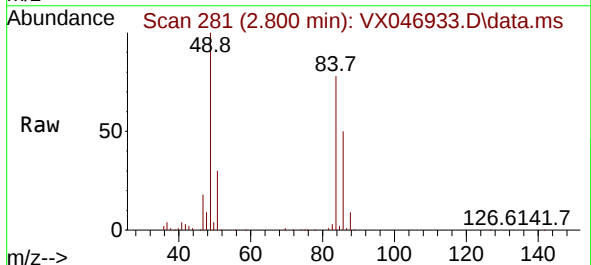
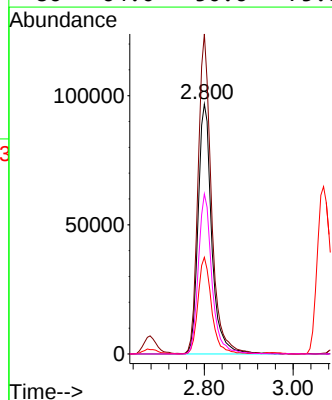
Manual Integrations
APPROVED

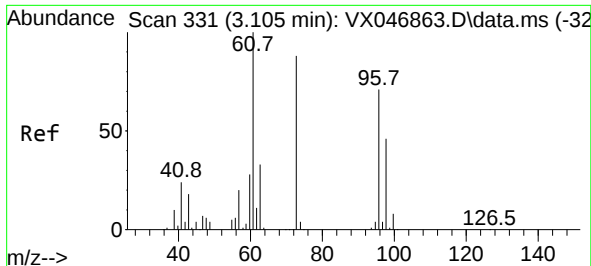
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#20
Methylene Chloride
Concen: 54.721 ug/l
RT: 2.800 min Scan# 281
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

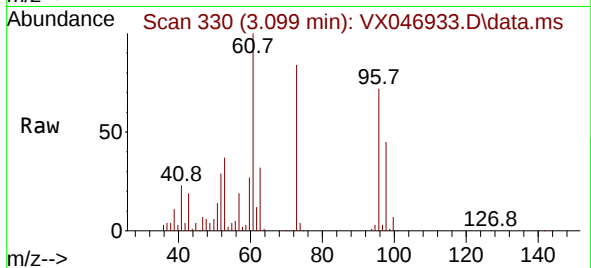
Tgt Ion: 84 Resp: 205618
Ion Ratio Lower Upper
84 100
49 127.9 102.8 154.2
51 38.7 31.1 46.7
86 64.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 52.410 ug/l
RT: 3.099 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

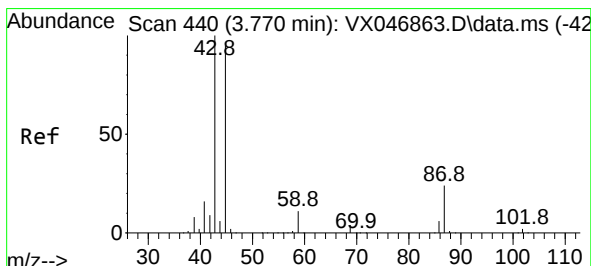
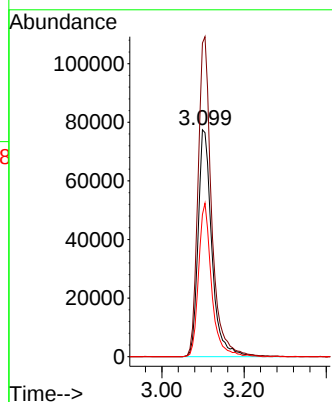
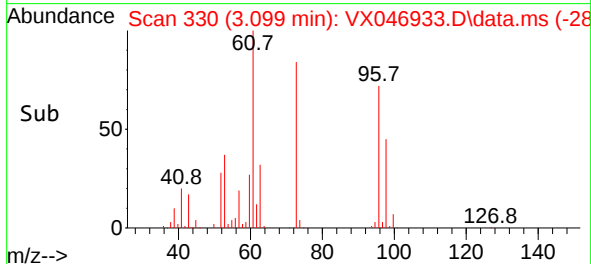
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 180079
Ion Ratio Lower Upper
96 100
61 138.2 113.4 170.2
98 62.7 51.8 77.6

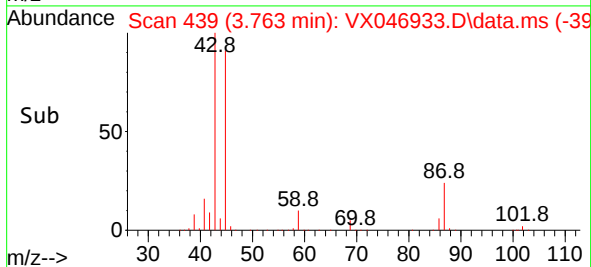
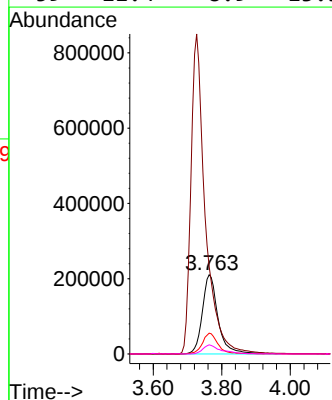
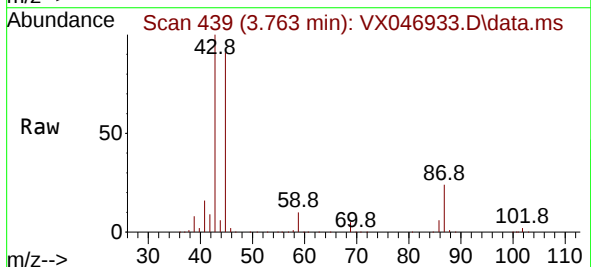
Manual Integrations
APPROVED

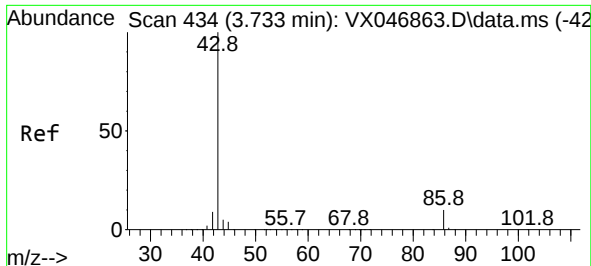
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#22
Diisopropyl ether
Concen: 58.072 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion: 45 Resp: 670716
Ion Ratio Lower Upper
45 100
43 109.9 84.2 126.4
87 26.1 20.3 30.5
59 11.4 8.9 13.3





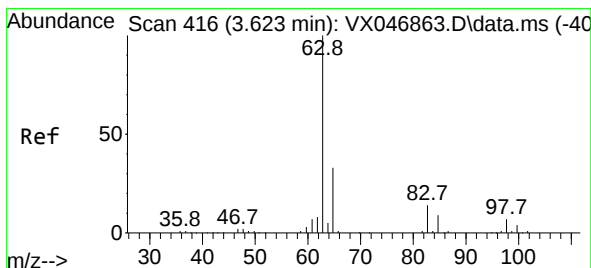
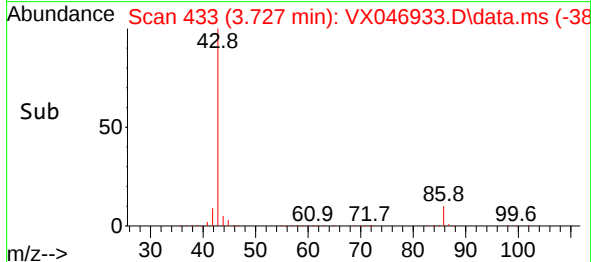
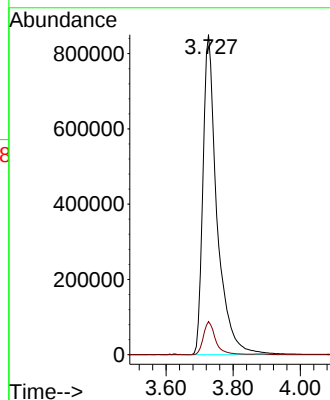
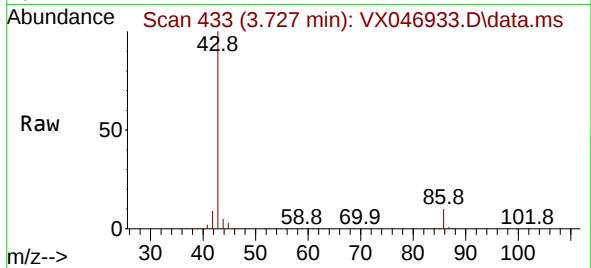
#23
Vinyl Acetate
Concen: 286.319 ug/l
RT: 3.727 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 247745
Ion Ratio Lower Upper
43 100
86 10.3 8.2 12.4

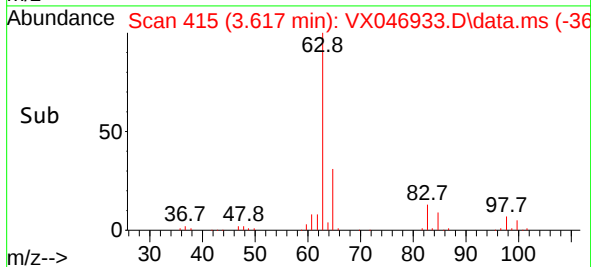
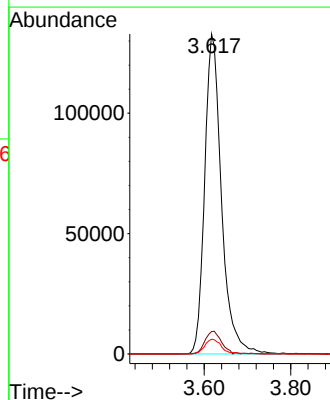
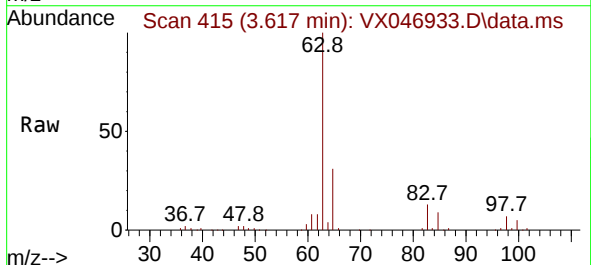
Manual Integrations
APPROVED

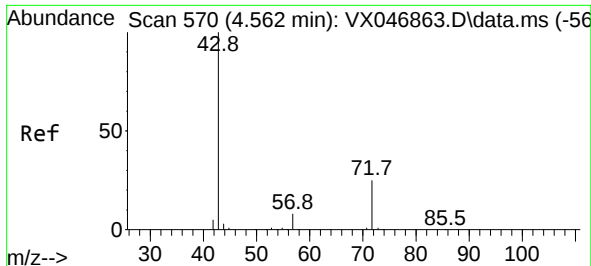
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#24
1,1-Dichloroethane
Concen: 54.341 ug/l
RT: 3.617 min Scan# 415
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

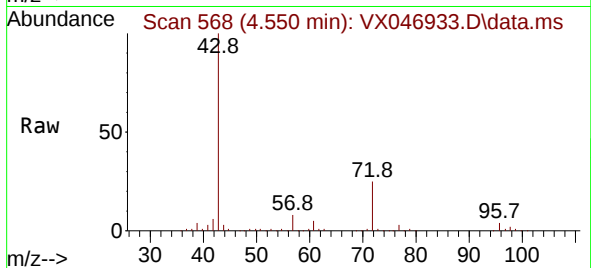
Tgt Ion: 63 Resp: 357940
Ion Ratio Lower Upper
63 100
98 7.0 3.6 10.9
100 4.6 2.3 6.9





#25
2-Butanone
Concen: 295.023 ug/l
RT: 4.550 min Scan# 501
Delta R.T. -0.013 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

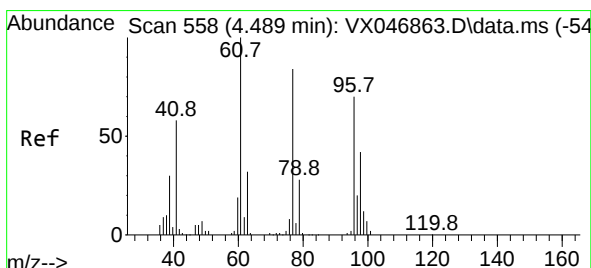
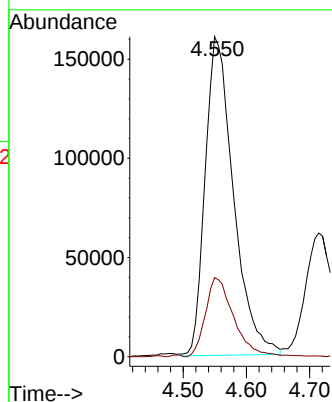
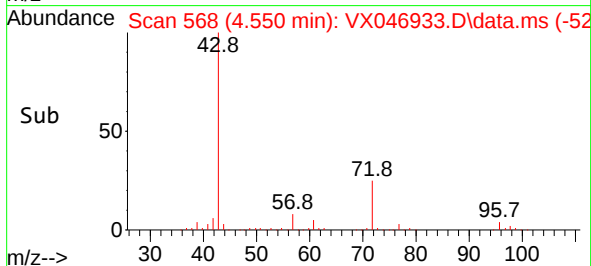
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 50017
Ion Ratio Lower Upper
43 100
72 24.6 20.0 30.0

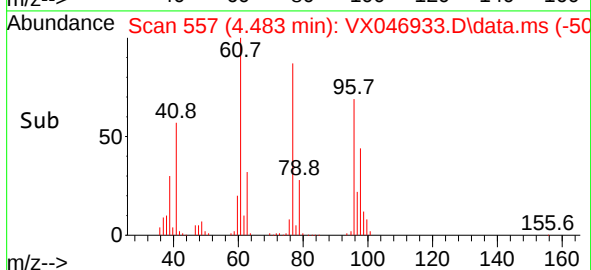
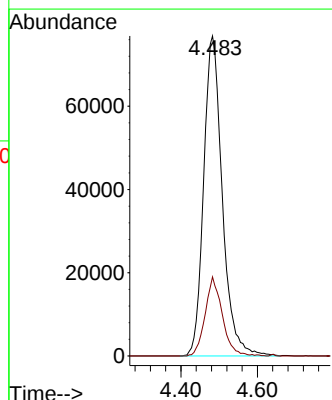
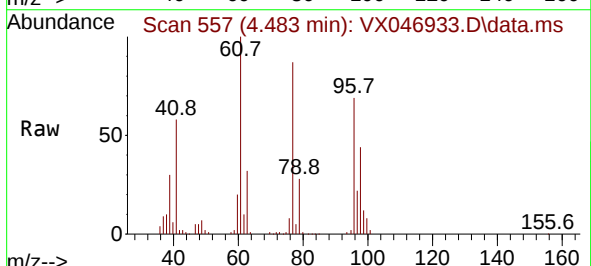
Manual Integrations
APPROVED

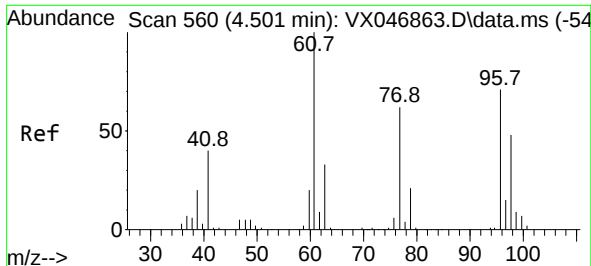
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#26
2,2-Dichloropropane
Concen: 53.046 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion: 77 Resp: 260044
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 53.411 ug/l

RT: 4.495 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 22406

Ion Ratio Lower Upper

96 100

61 144.4 0.0 288.6

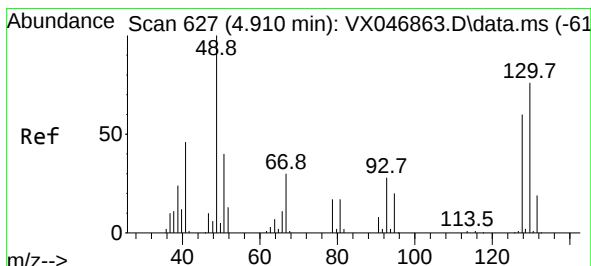
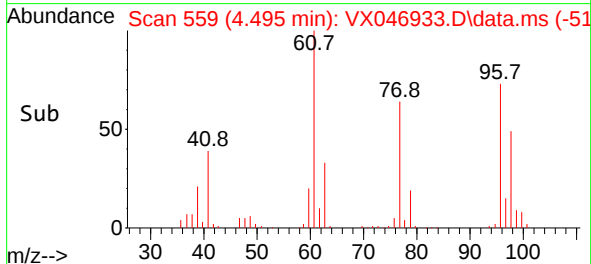
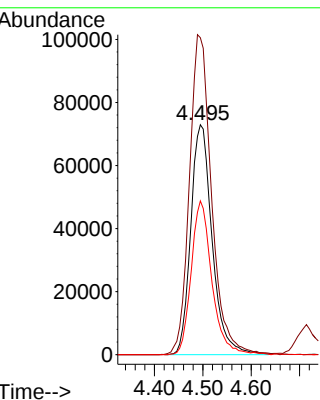
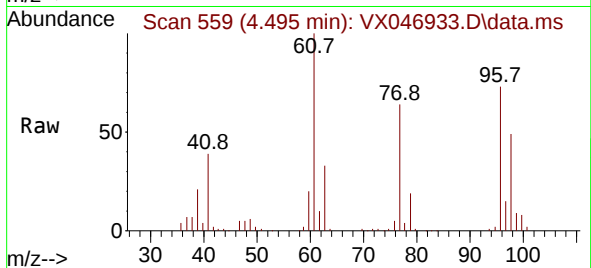
98 64.6 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#28

Bromochloromethane

Concen: 53.663 ug/l

RT: 4.903 min Scan# 626

Delta R.T. -0.006 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

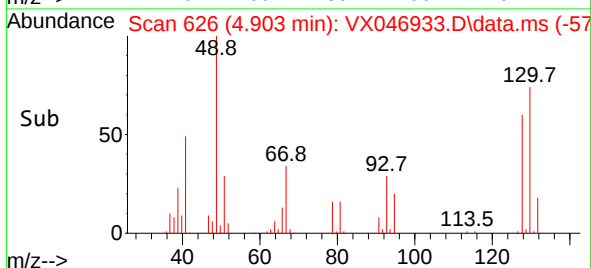
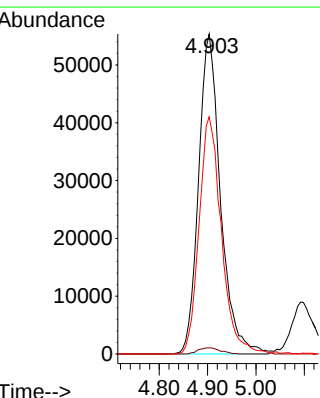
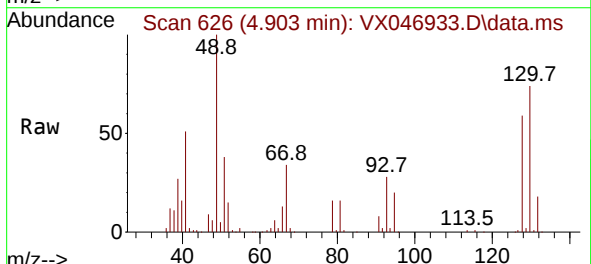
Tgt Ion: 49 Resp: 174450

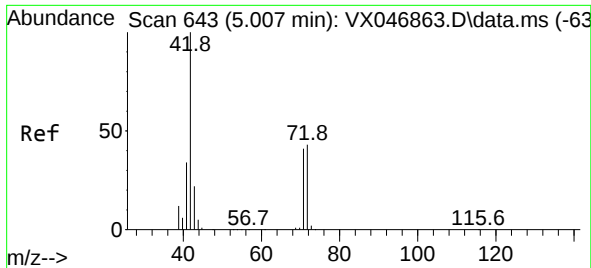
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

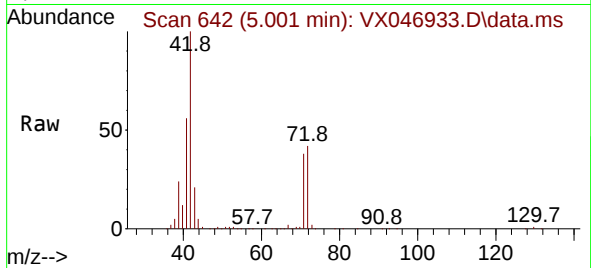
130 75.1 61.7 92.5





#29
Tetrahydrofuran
Concen: 295.346 ug/l
RT: 5.001 min Scan# 643
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

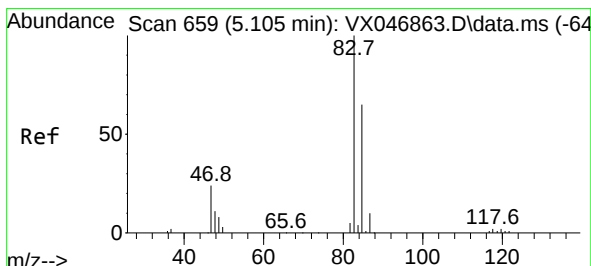
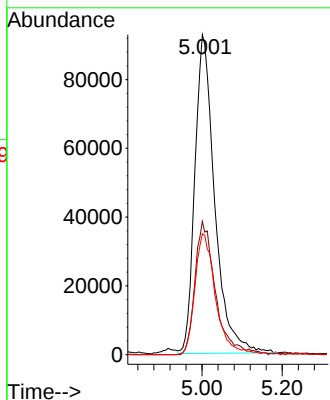
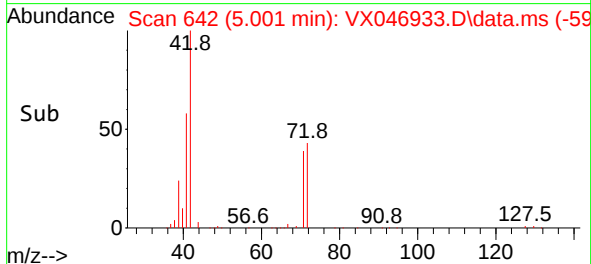
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 31919
Ion Ratio Lower Upper
42 100
72 43.3 35.1 52.7
71 39.3 31.9 47.9

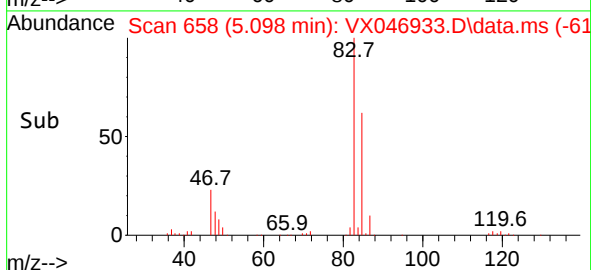
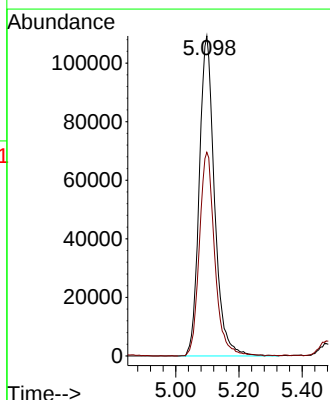
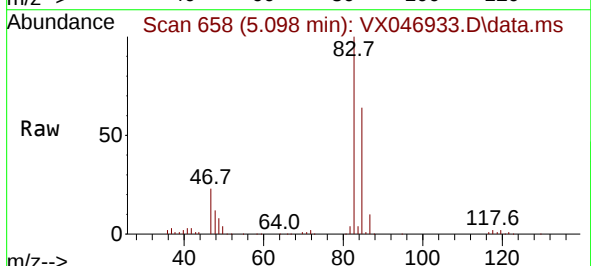
Manual Integrations
APPROVED

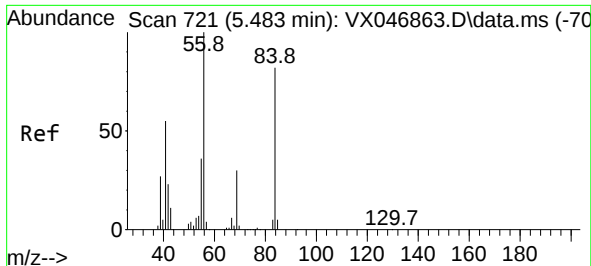
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#30
Chloroform
Concen: 54.475 ug/l
RT: 5.098 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

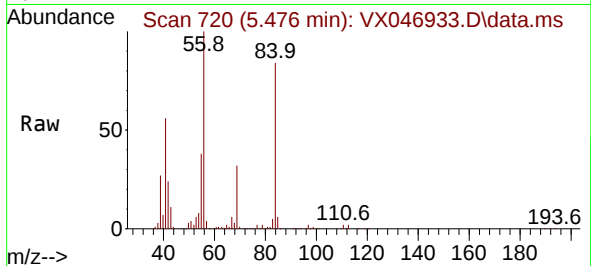
Tgt Ion: 83 Resp: 366588
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8





#31
Cyclohexane
Concen: 50.264 ug/l
RT: 5.476 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

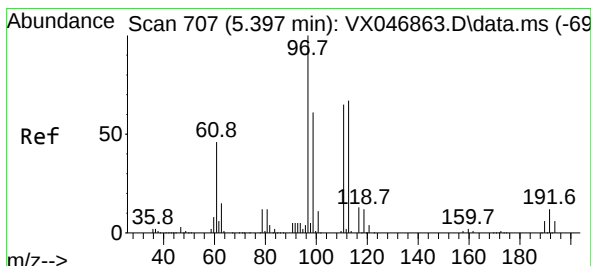
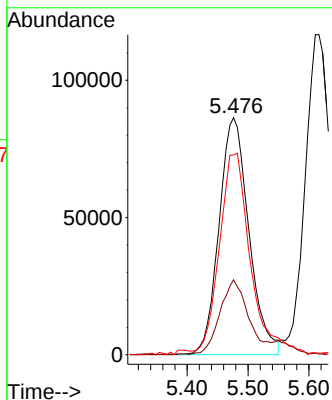
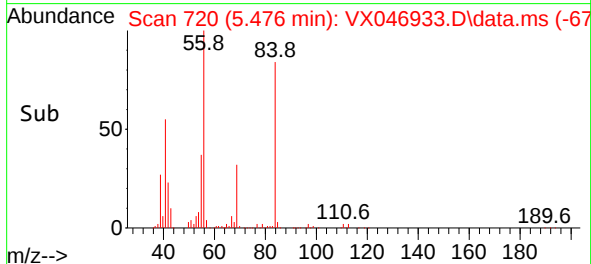
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



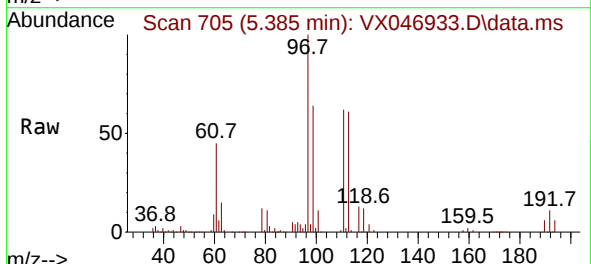
Tgt Ion: 56 Resp: 293928
Ion Ratio Lower Upper
56 100
69 31.2 24.0 36.0
84 82.4 66.5 99.7

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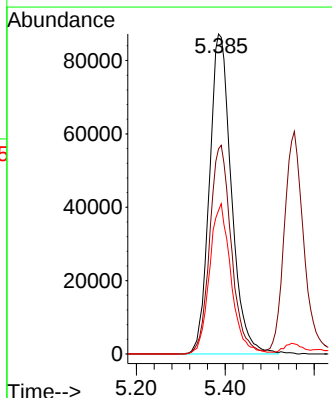
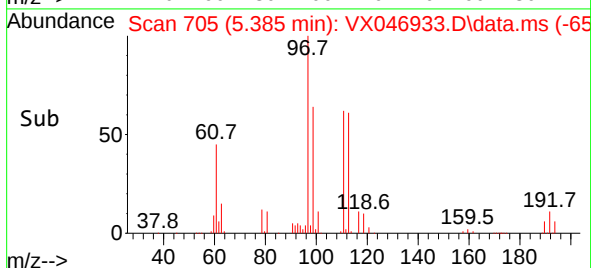
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

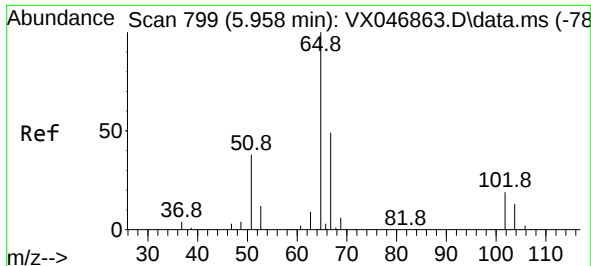


#32
1,1,1-Trichloroethane
Concen: 53.185 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.013 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



Tgt Ion: 97 Resp: 299014
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 46.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 50.904 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 20824

Ion Ratio Lower Upper

65 100

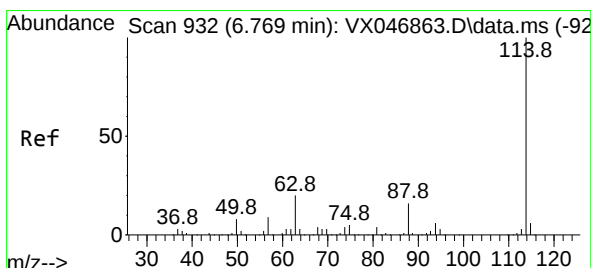
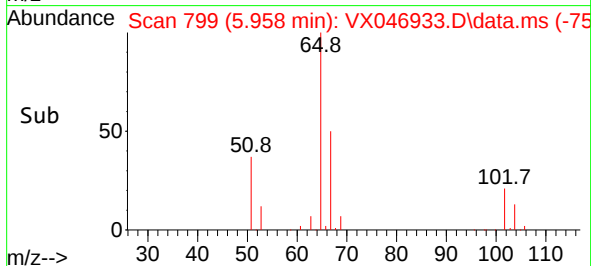
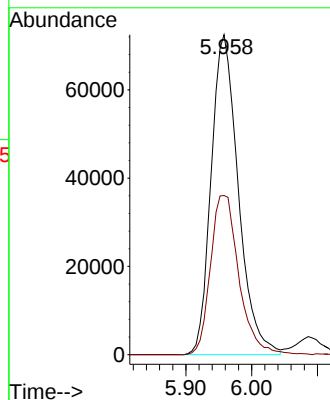
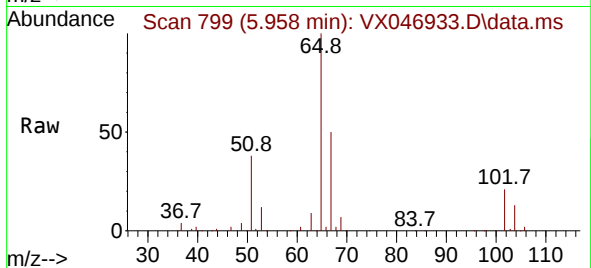
67 52.2 0.0 105.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

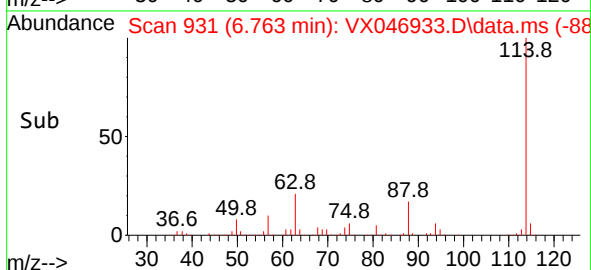
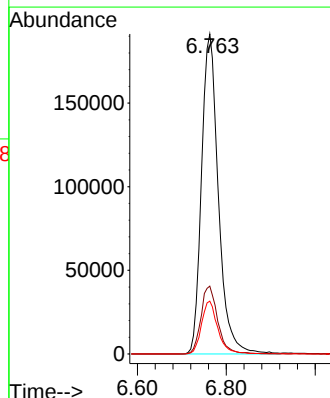
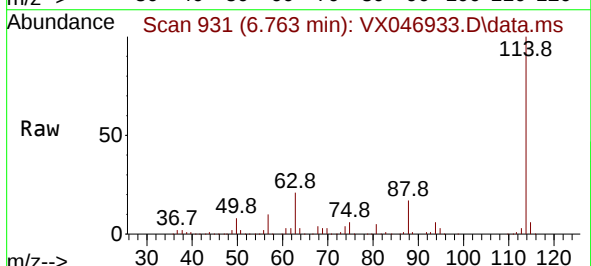
Tgt Ion:114 Resp: 506196

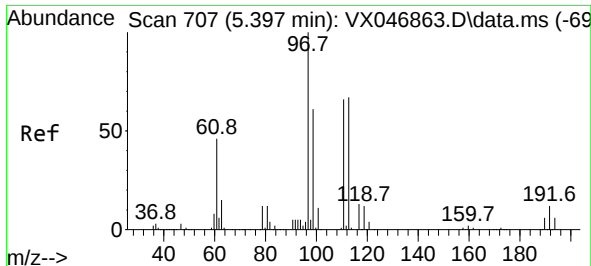
Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.4

88 16.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.712 ug/l

RT: 5.391 min Scan# 707

Delta R.T. -0.006 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 174249

Ion Ratio Lower Upper

113 100

111 104.0 81.2 121.8

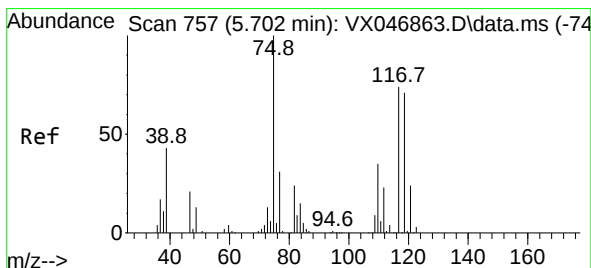
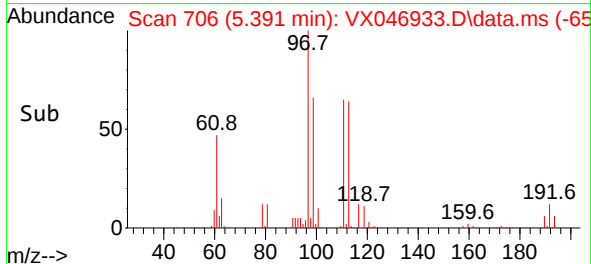
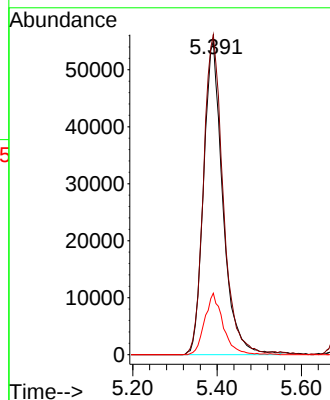
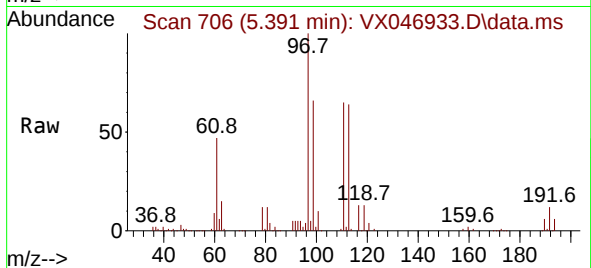
192 18.8 15.3 22.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#36

1,1-Dichloropropene

Concen: 50.259 ug/l

RT: 5.702 min Scan# 757

Delta R.T. -0.000 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

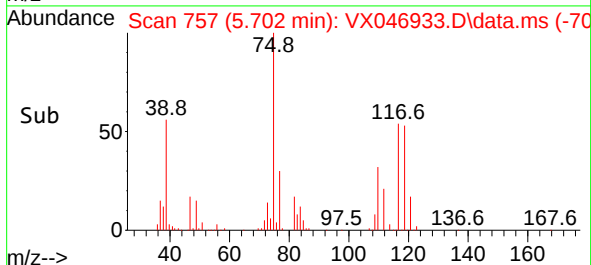
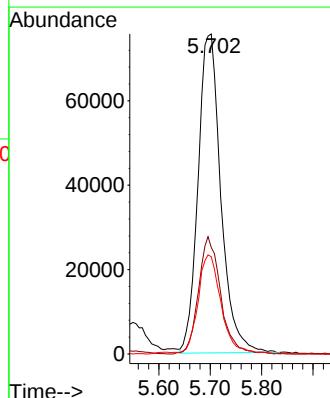
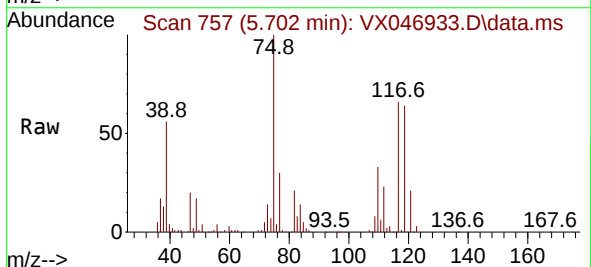
Tgt Ion: 75 Resp: 233003

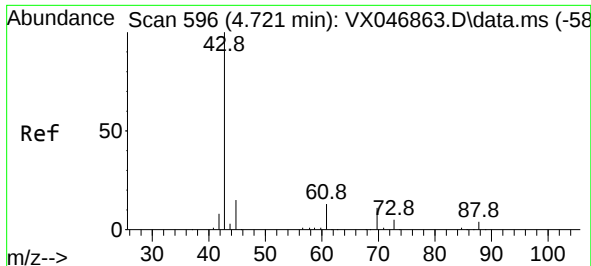
Ion Ratio Lower Upper

75 100

110 35.8 17.3 51.9

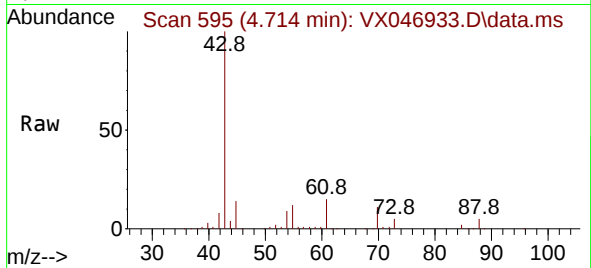
77 31.6 24.2 36.4





#37
Ethyl Acetate
Concen: 51.873 ug/l
RT: 4.714 min Scan# 596
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

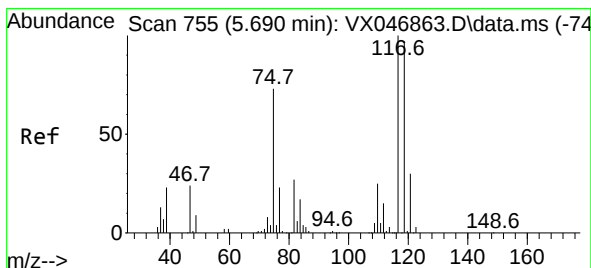
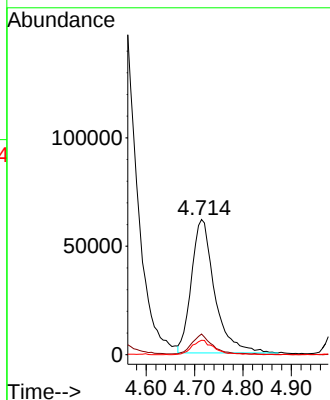
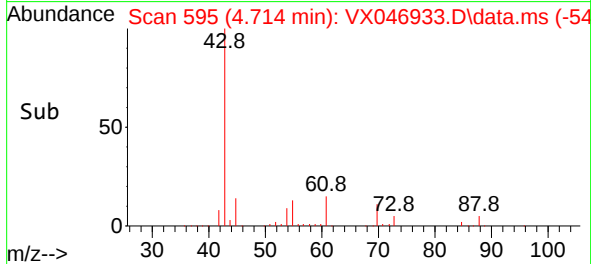
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 204824
Ion Ratio Lower Upper
43 100
61 12.7 9.7 14.5
70 10.2 8.3 12.5

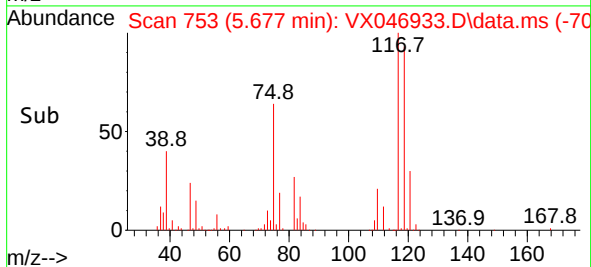
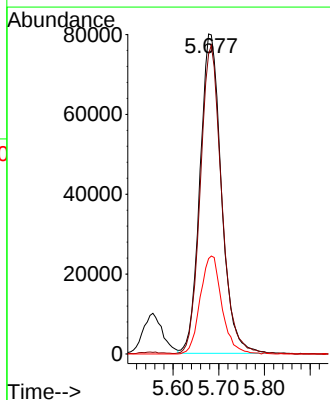
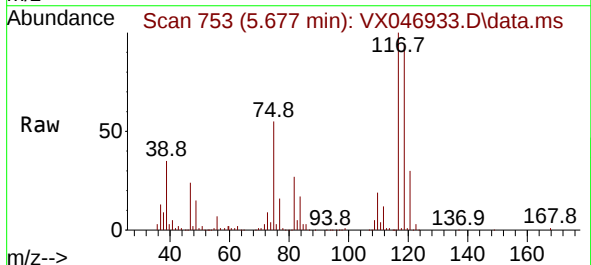
Manual Integrations
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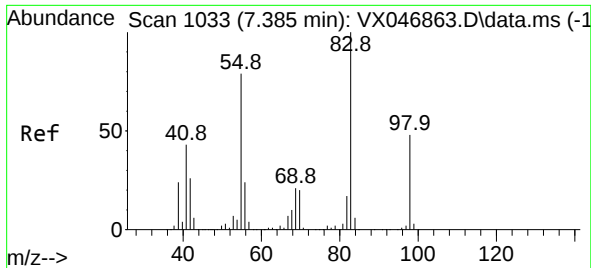
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#38
Carbon Tetrachloride
Concen: 53.130 ug/l
RT: 5.677 min Scan# 753
Delta R.T. -0.013 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

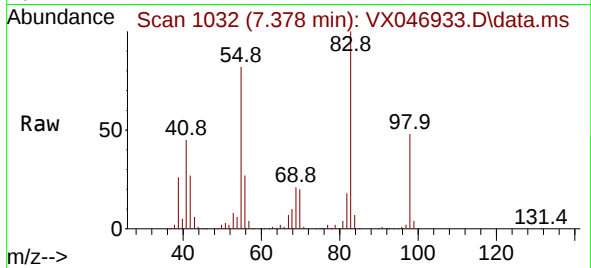
Tgt Ion:117 Resp: 260404
Ion Ratio Lower Upper
117 100
119 93.6 76.6 114.8
121 29.9 24.1 36.1





#39
Methylcyclohexane
Concen: 49.948 ug/l
RT: 7.378 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

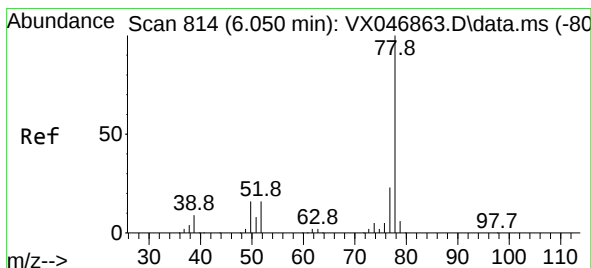
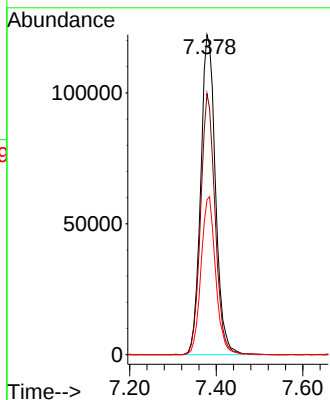
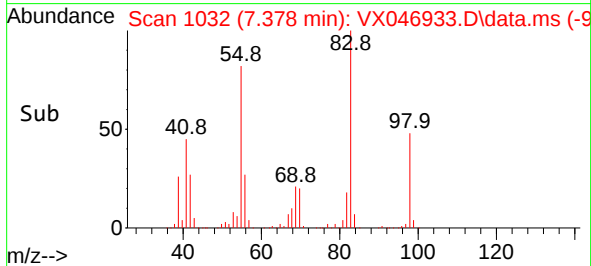
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 289659
Ion Ratio Lower Upper
83 100
55 81.6 63.0 94.4
98 48.4 38.5 57.7

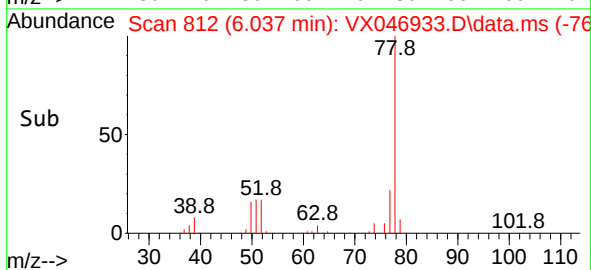
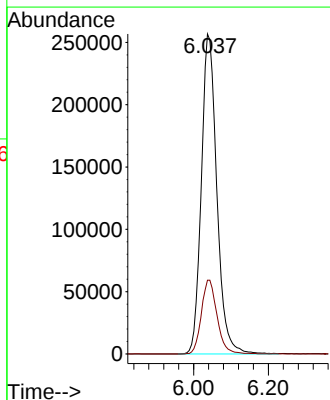
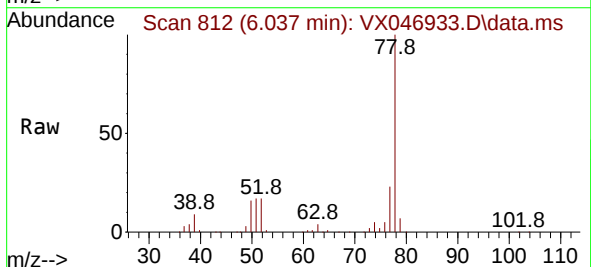
Manual Integrations
APPROVED

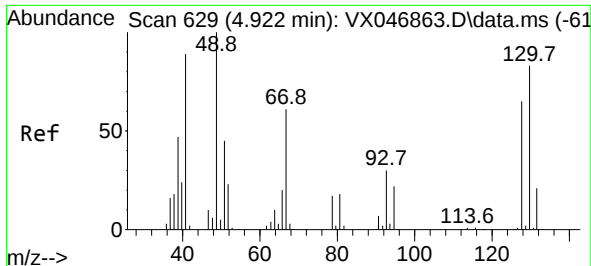
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#40
Benzene
Concen: 52.669 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.013 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

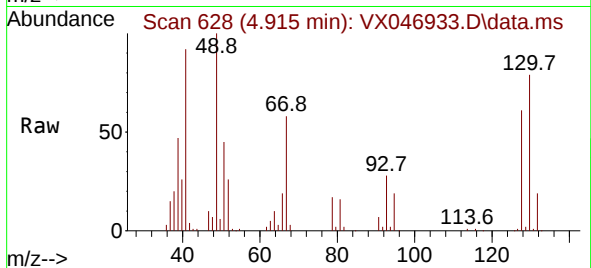
Tgt Ion: 78 Resp: 738545
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1





#41
Methacrylonitrile
Concen: 62.520 ug/l
RT: 4.915 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

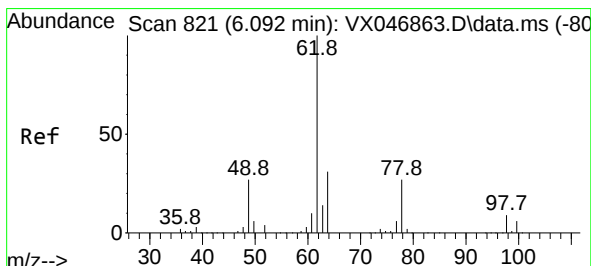
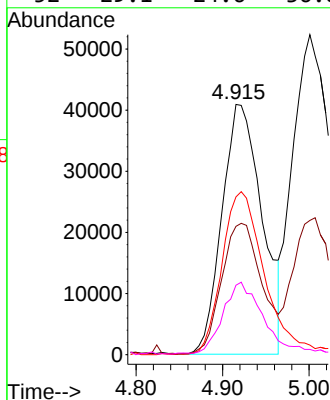
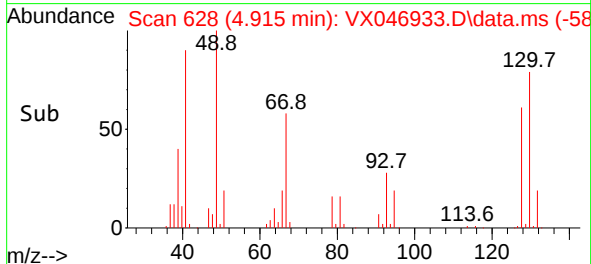
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 131689
Ion Ratio Lower Upper
41 100
39 52.5 43.0 64.4
67 69.5 60.2 90.2
52 29.1 24.6 36.8

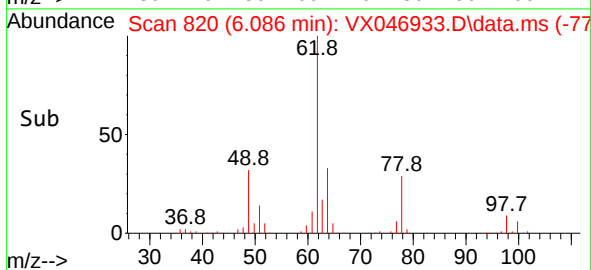
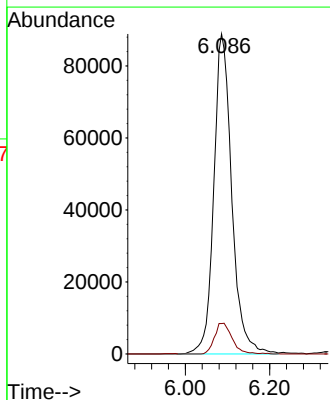
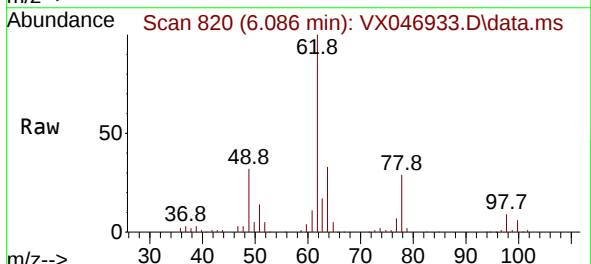
Manual Integrations
APPROVED

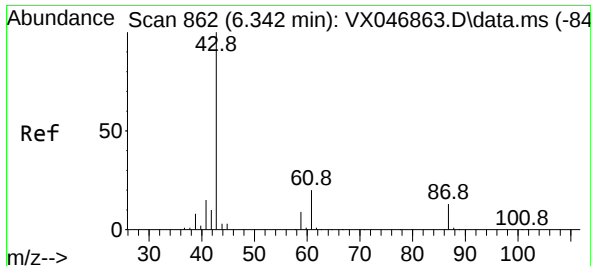
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#42
1,2-Dichloroethane
Concen: 55.069 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

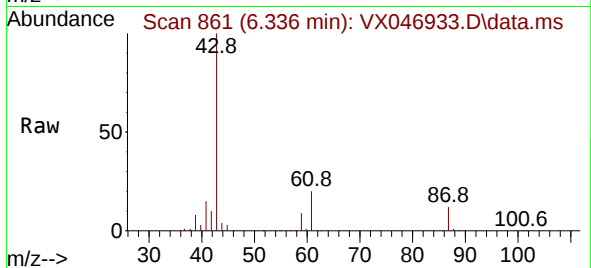
Tgt Ion: 62 Resp: 262211
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.4





#43
Isopropyl Acetate
Concen: 58.622 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

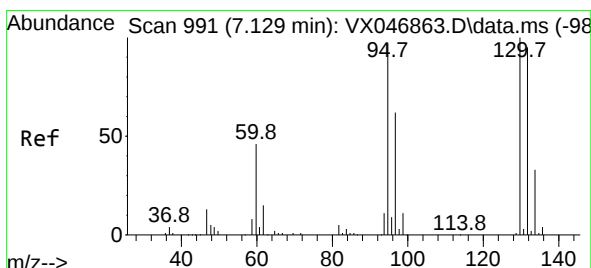
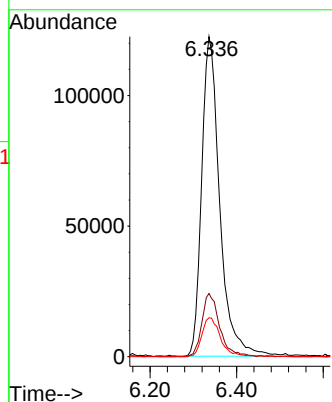
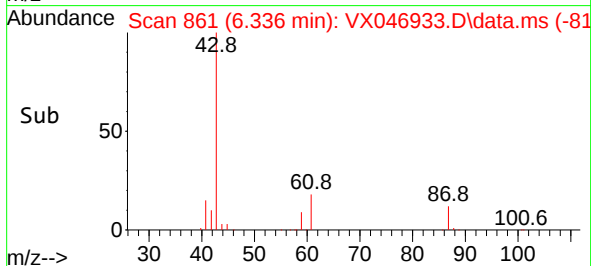
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 354544
Ion Ratio Lower Upper
43 100
61 19.4 15.7 23.5
87 12.6 10.1 15.1

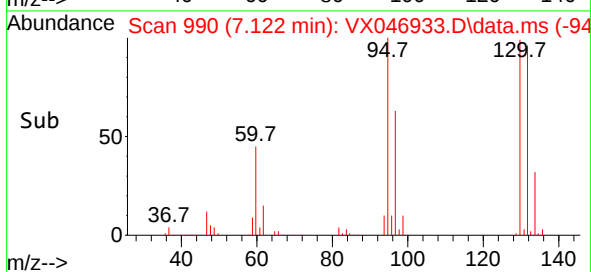
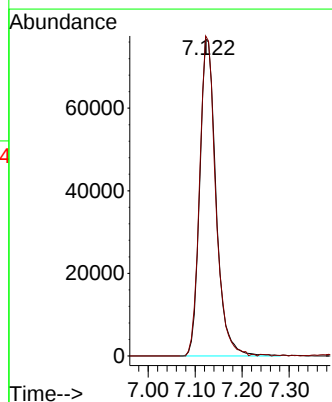
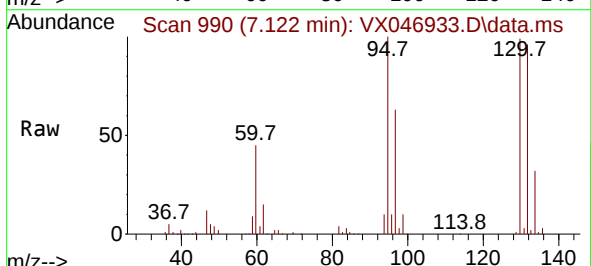
Manual Integrations
APPROVED

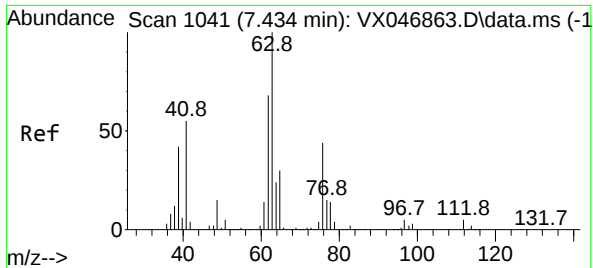
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#44
Trichloroethene
Concen: 50.782 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

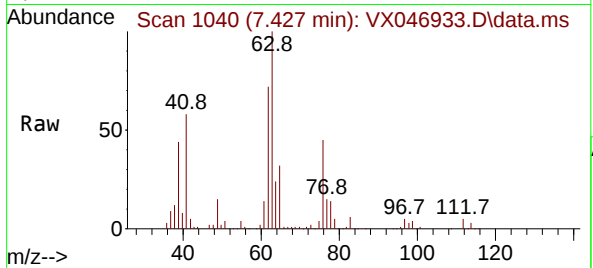
Tgt Ion:130 Resp: 185363
Ion Ratio Lower Upper
130 100
95 101.0 0.0 194.2





#45
1,2-Dichloropropane
Concen: 54.156 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

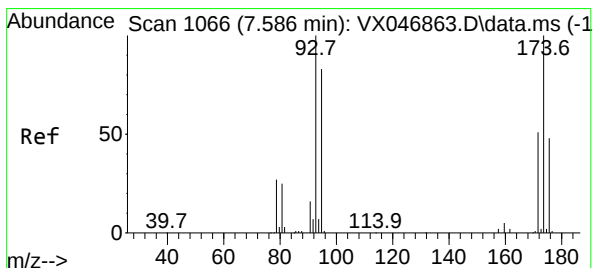
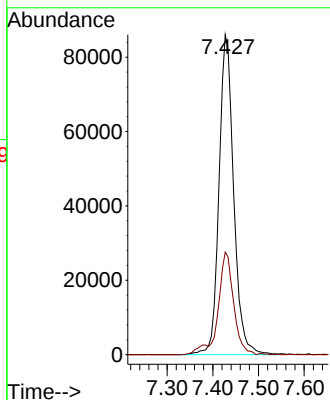
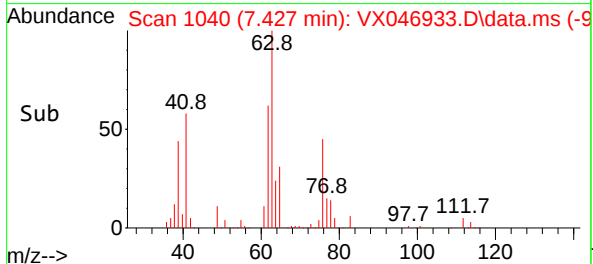
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



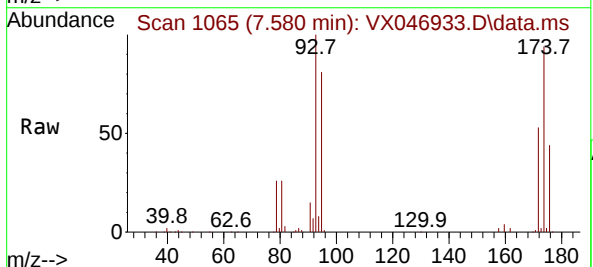
Tgt Ion: 63 Resp: 19186
Ion Ratio Lower Upper
63 100
65 32.1 24.2 36.2

Manual Integrations
APPROVED

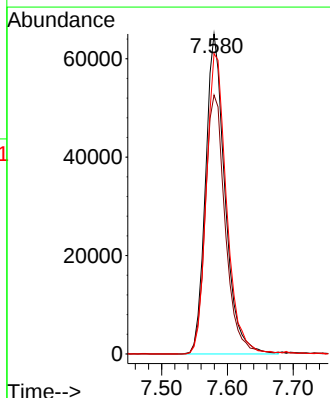
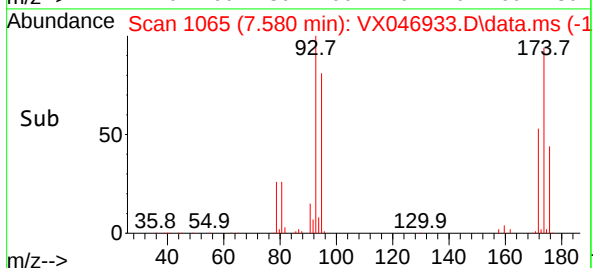
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

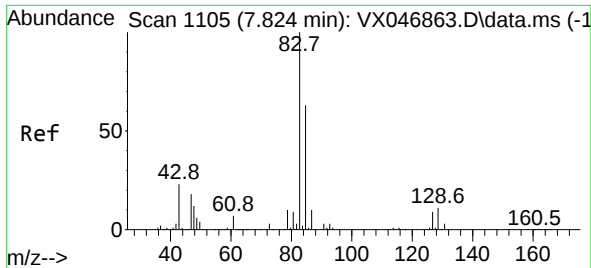


#46
Dibromomethane
Concen: 54.505 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



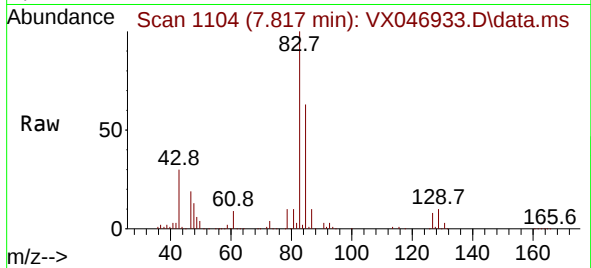
Tgt Ion: 93 Resp: 133790
Ion Ratio Lower Upper
93 100
95 83.2 66.6 99.8
174 97.4 77.4 116.2





#47
Bromodichloromethane
Concen: 55.607 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

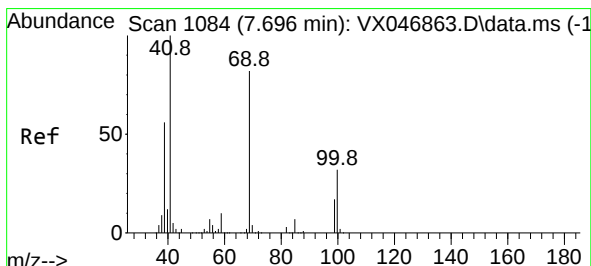
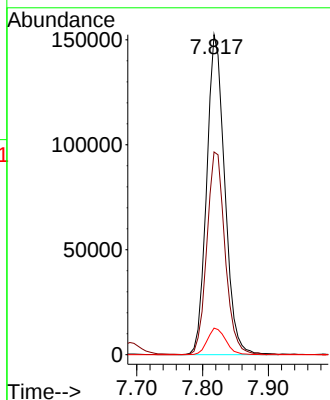
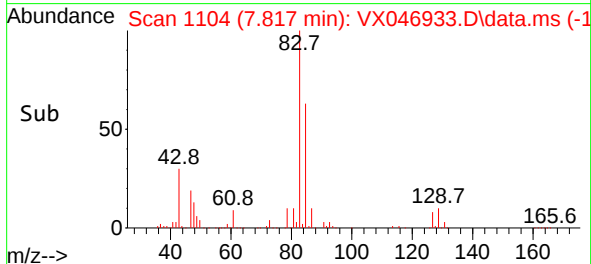
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 291450
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 8.3 7.1 10.7

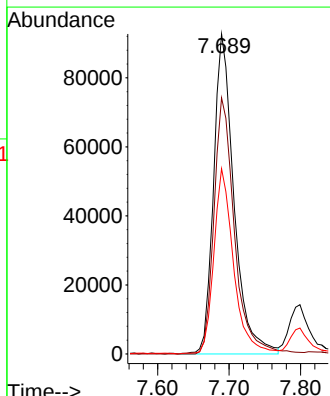
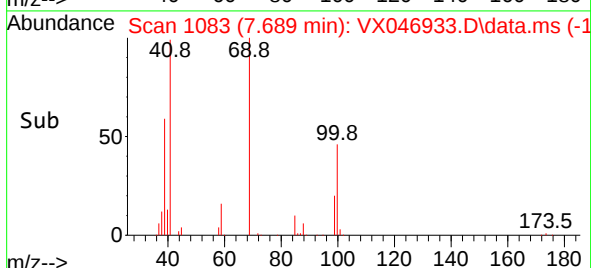
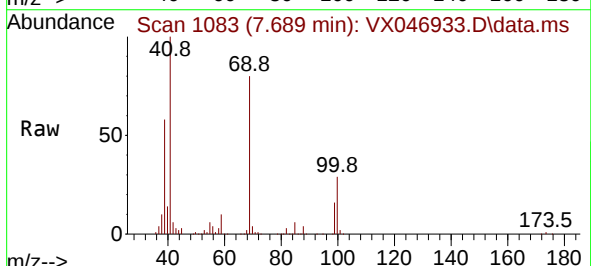
Manual Integrations
APPROVED

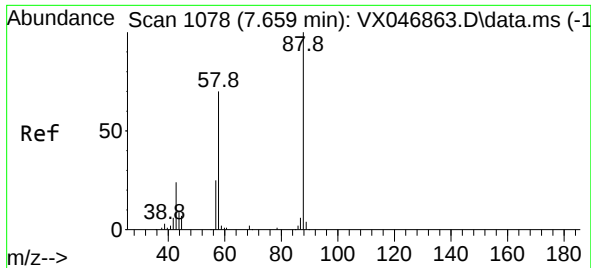
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#48
Methyl methacrylate
Concen: 58.841 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

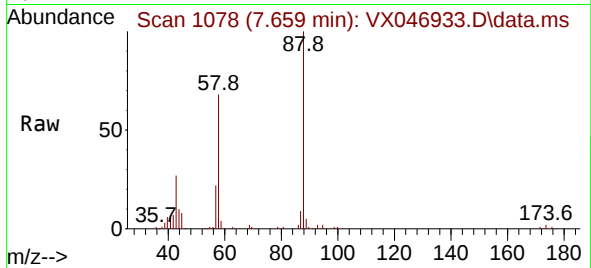
Tgt Ion: 41 Resp: 183752
Ion Ratio Lower Upper
41 100
69 80.6 65.8 98.8
39 56.2 43.8 65.6





#49
1,4-Dioxane
Concen: 1258.852 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

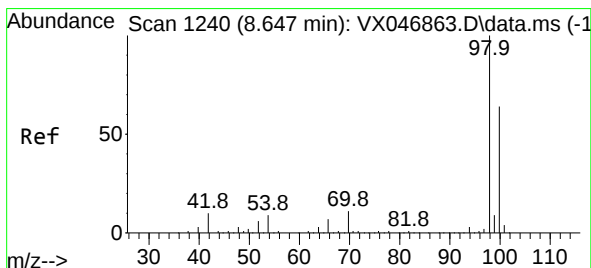
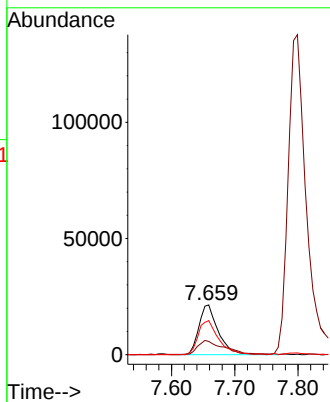
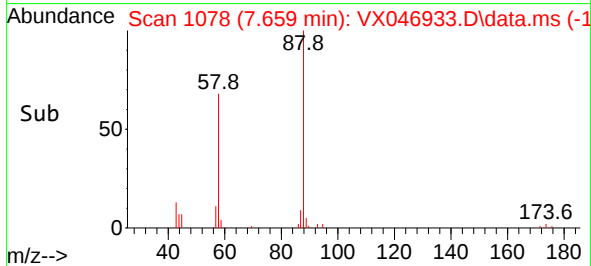
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 4555
Ion Ratio Lower Upper
88 100
43 38.8 31.7 47.5
58 72.6 57.5 86.3

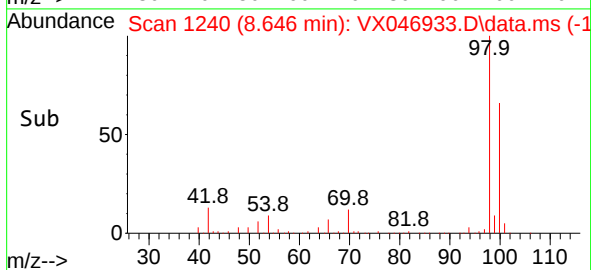
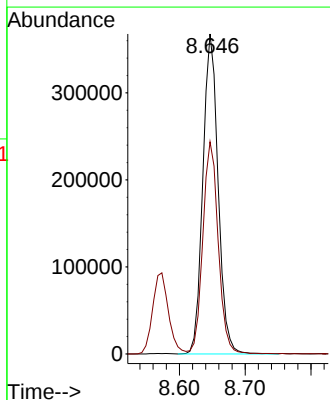
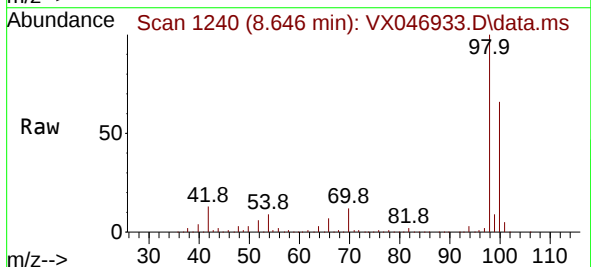
Manual Integrations
APPROVED

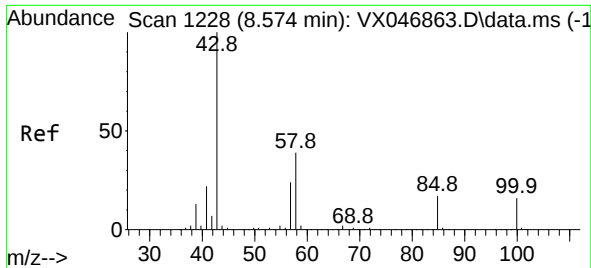
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#50
Toluene-d8
Concen: 48.959 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion: 98 Resp: 593543
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6





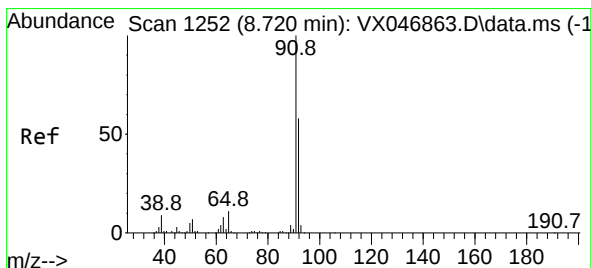
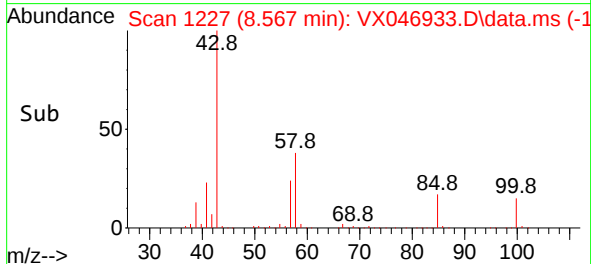
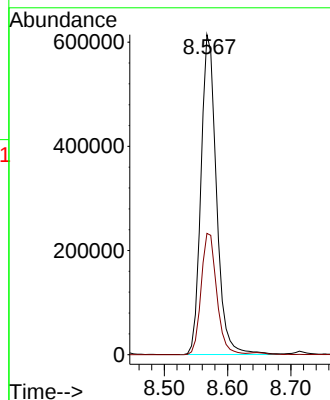
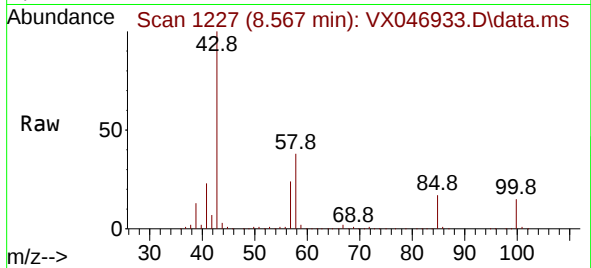
#51
4-Methyl-2-Pentanone
Concen: 294.193 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 105008
Ion Ratio Lower Upper
43 100
58 38.1 30.4 45.6

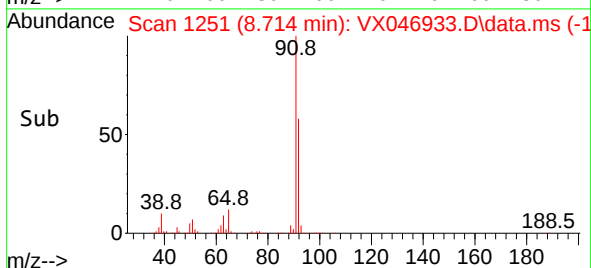
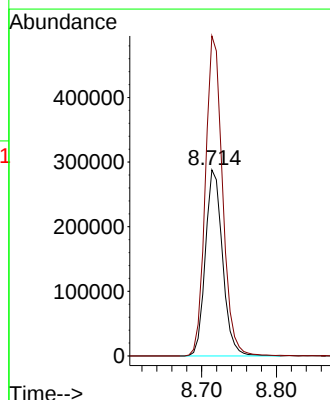
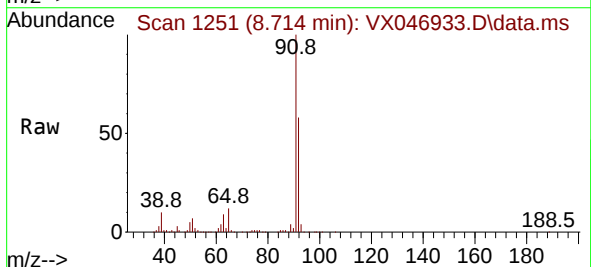
Manual Integrations
APPROVED

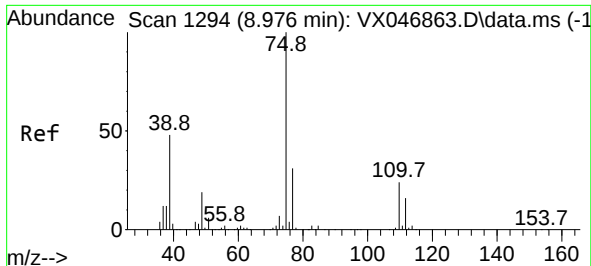
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#52
Toluene
Concen: 52.775 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion: 92 Resp: 458577
Ion Ratio Lower Upper
92 100
91 172.0 137.9 206.9





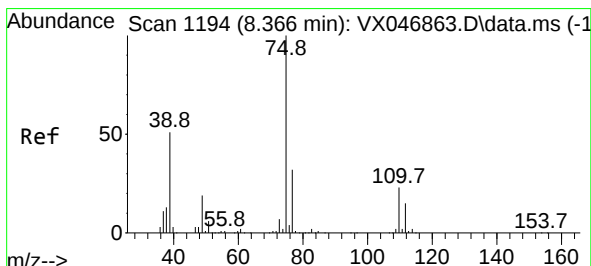
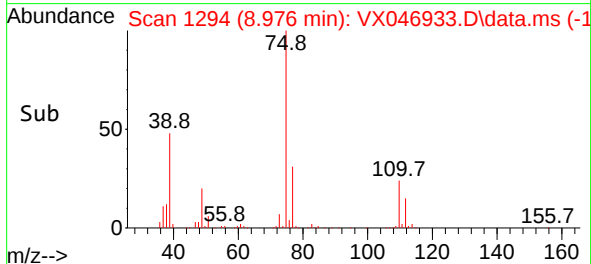
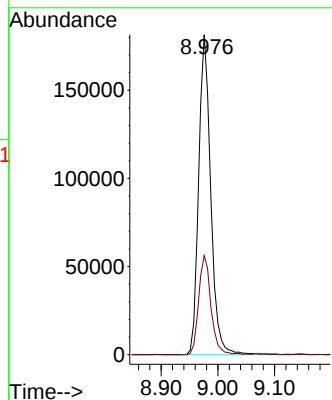
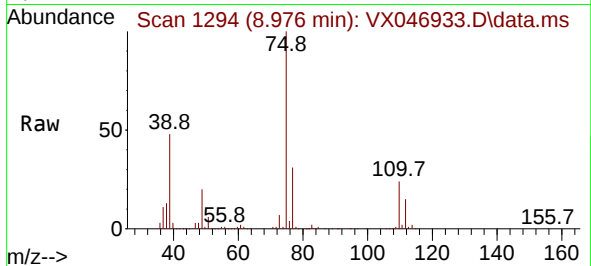
#53
t-1,3-Dichloropropene
Concen: 57.309 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 268060
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6

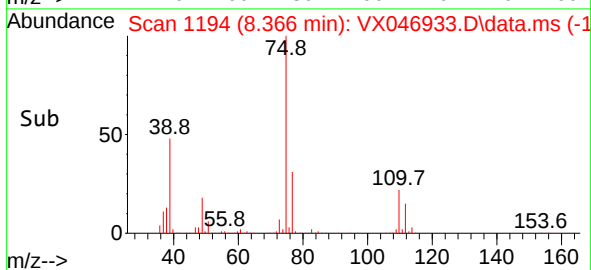
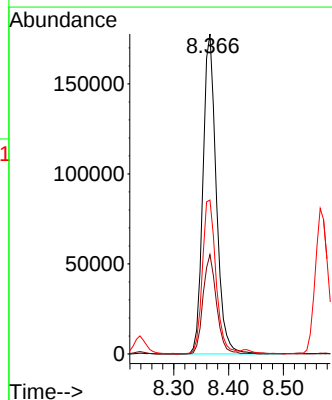
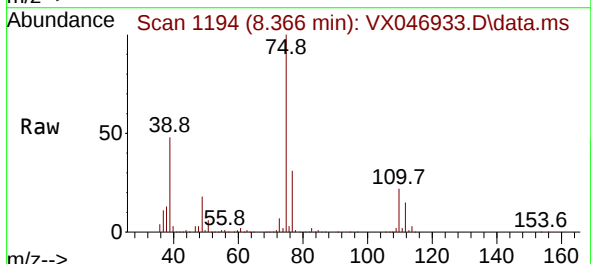
Manual Integrations
APPROVED

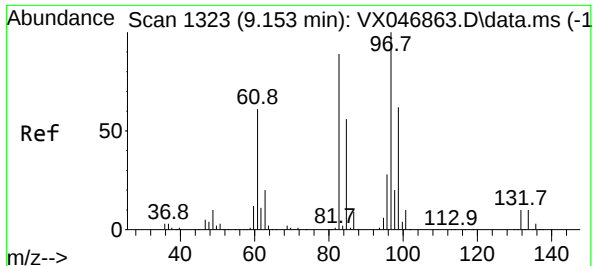
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#54
cis-1,3-Dichloropropene
Concen: 56.281 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

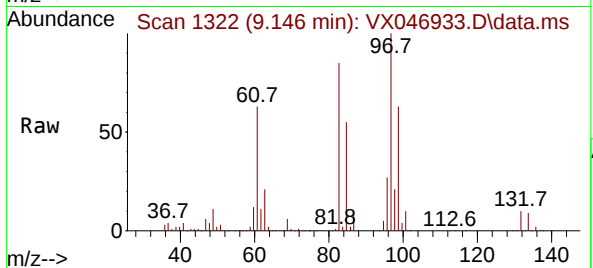
Tgt Ion: 75 Resp: 300493
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.2
39 48.0 40.7 61.1





#55
1,1,2-Trichloroethane
Concen: 56.221 ug/l
RT: 9.146 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

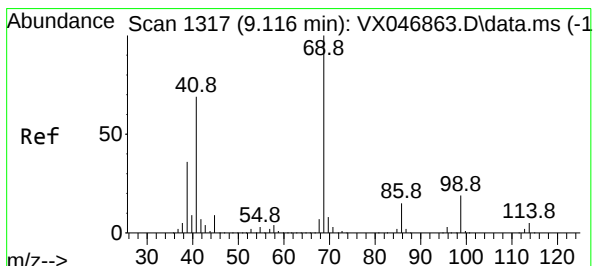
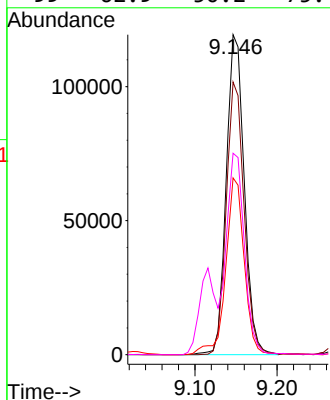
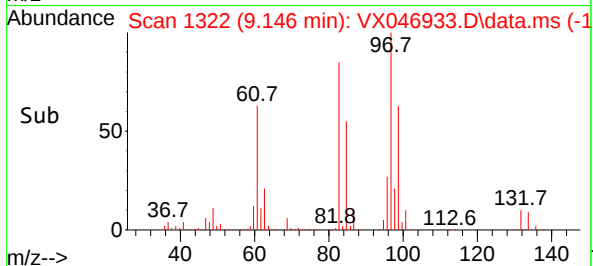
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



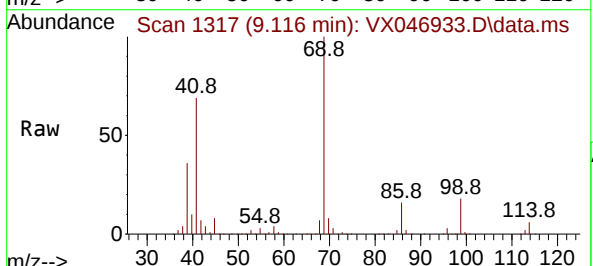
Tgt Ion: 97 Resp: 18196
Ion Ratio Lower Upper
97 100
83 85.2 70.9 106.3
85 55.2 44.6 67.0
99 62.9 50.2 75.4

Manual Integrations
APPROVED

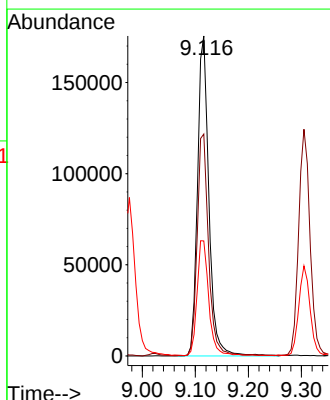
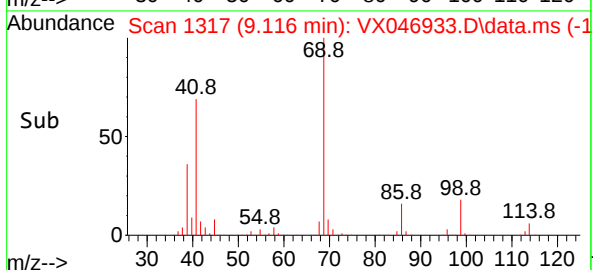
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

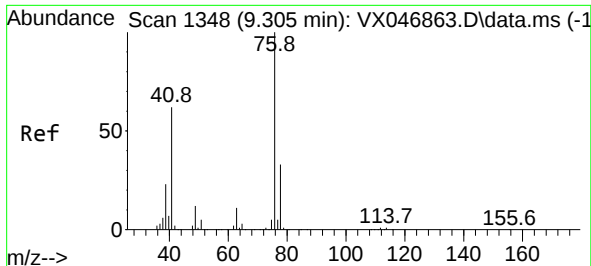


#56
Ethyl methacrylate
Concen: 58.487 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



Tgt Ion: 69 Resp: 261996
Ion Ratio Lower Upper
69 100
41 69.0 54.6 82.0
39 36.7 28.7 43.1





#57

1,3-Dichloropropane

Concen: 55.100 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 307072

Ion Ratio Lower Upper

76 100

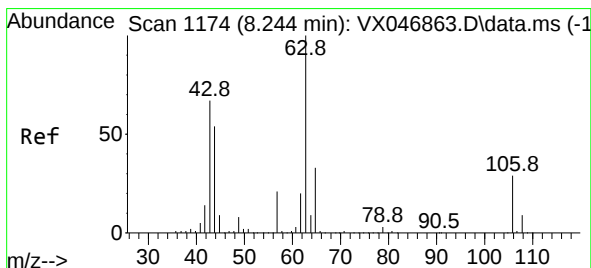
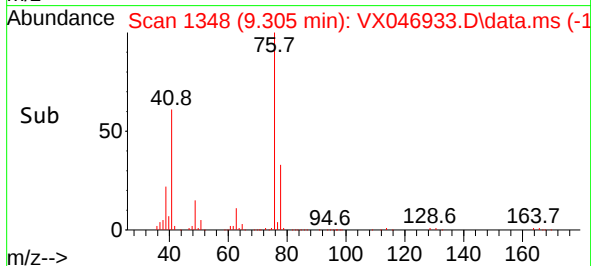
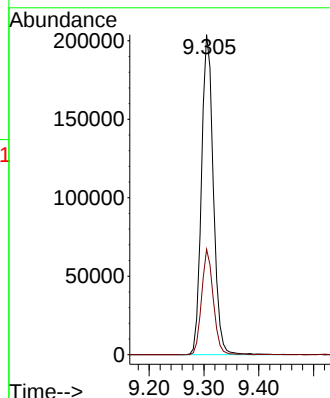
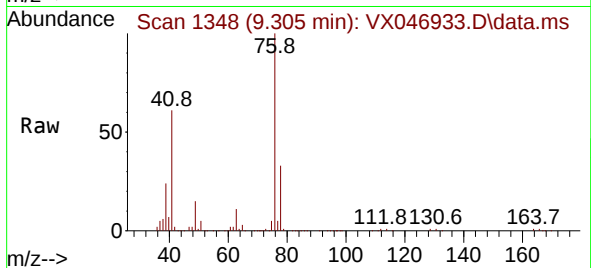
78 32.3 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 297.352 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX046933.D

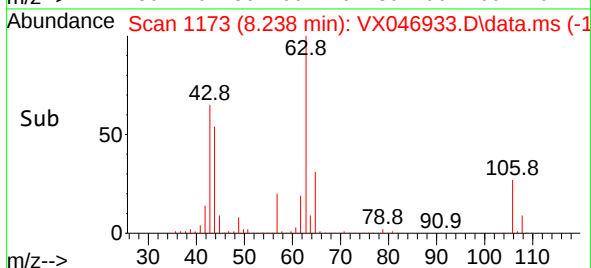
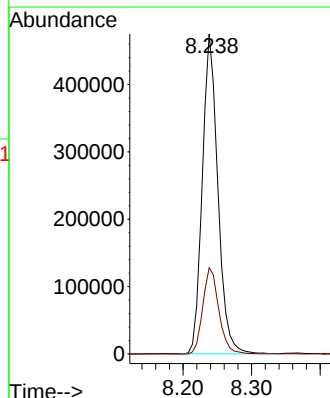
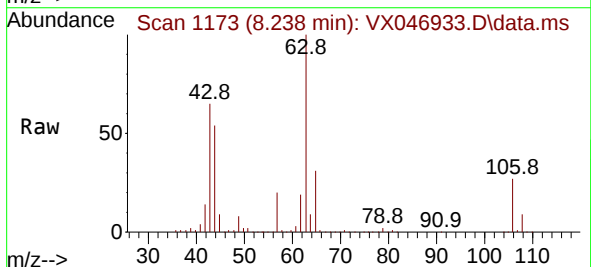
Acq: 10 Jul 2025 09:54

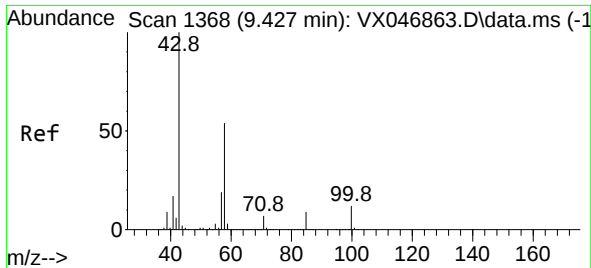
Tgt Ion: 63 Resp: 750523

Ion Ratio Lower Upper

63 100

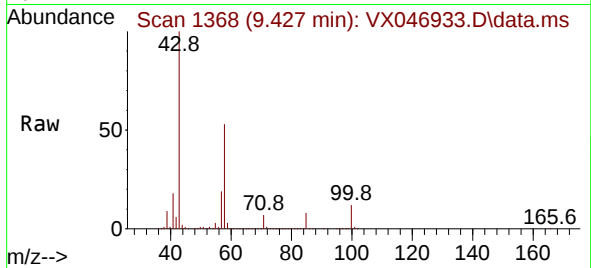
106 27.8 22.6 33.8





#59
2-Hexanone
Concen: 301.884 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

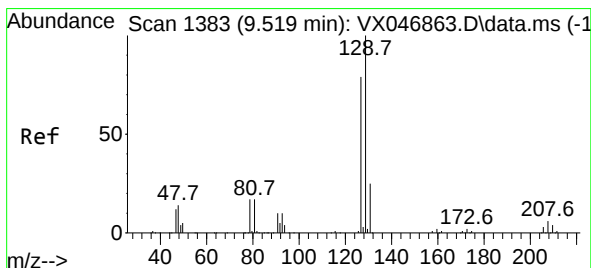
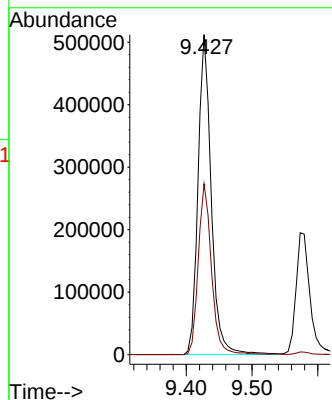
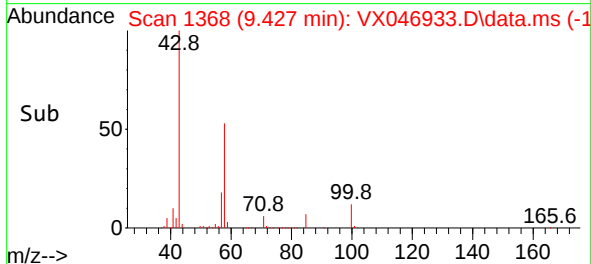
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 714728
Ion Ratio Lower Upper
43 100
58 53.8 27.1 81.3

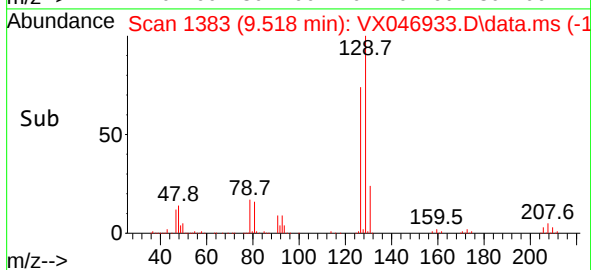
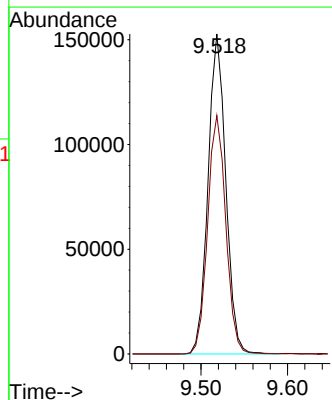
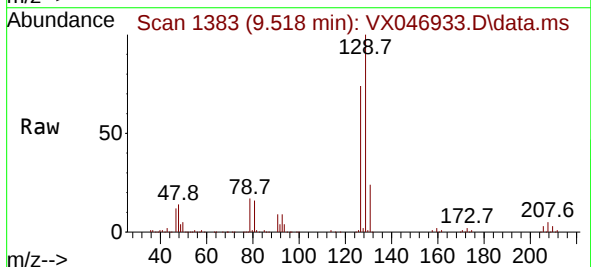
Manual Integrations
APPROVED

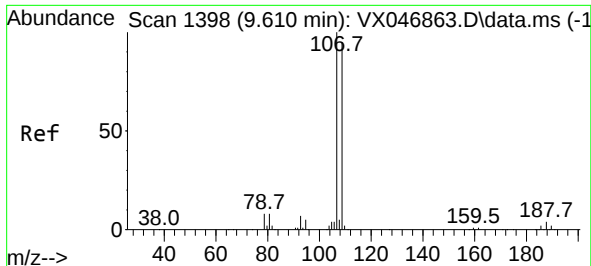
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#60
Dibromochloromethane
Concen: 56.096 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

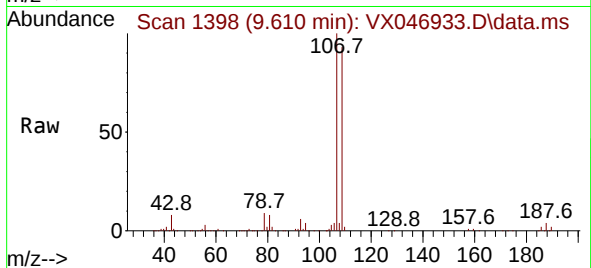
Tgt Ion:129 Resp: 217275
Ion Ratio Lower Upper
129 100
127 76.4 39.1 117.5





#61
1,2-Dibromoethane
Concen: 56.184 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

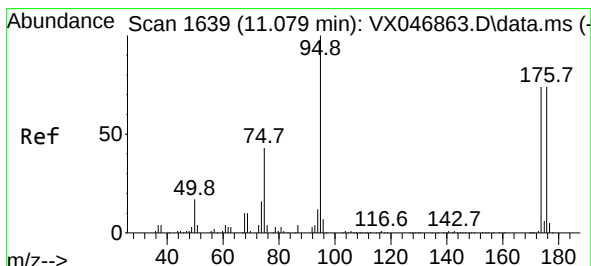
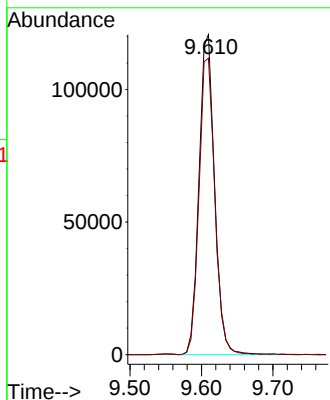
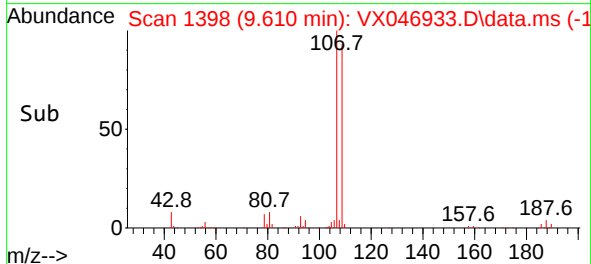
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



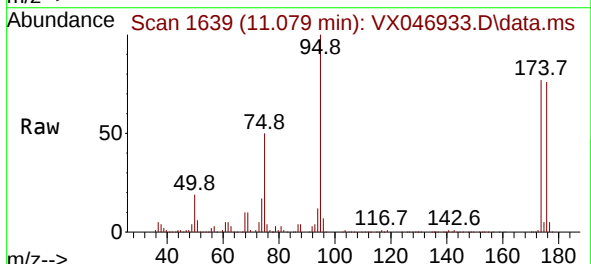
Tgt Ion:107 Resp: 182620
Ion Ratio Lower Upper
107 100
109 93.9 75.4 113.2

Manual Integrations
APPROVED

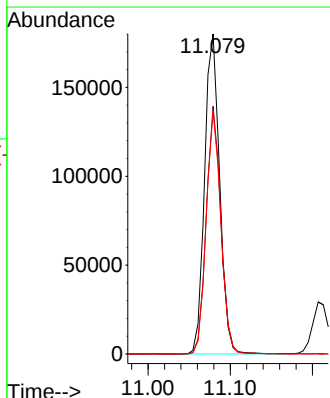
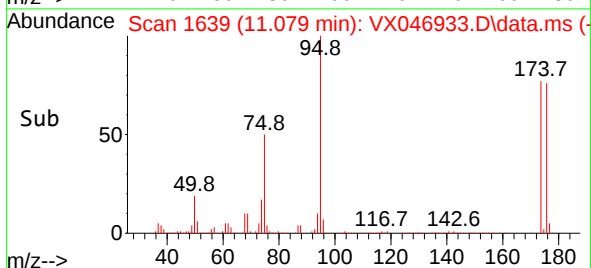
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#62
4-Bromofluorobenzene
Concen: 49.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



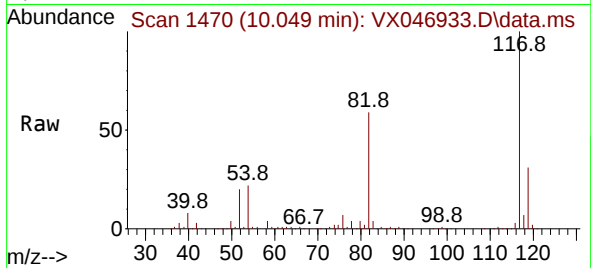
Tgt Ion: 95 Resp: 228990
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.0
176 73.6 0.0 145.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

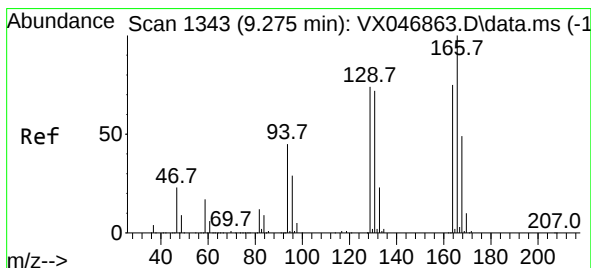
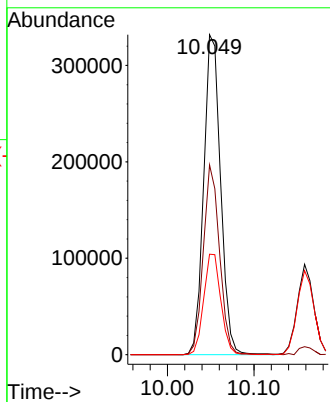
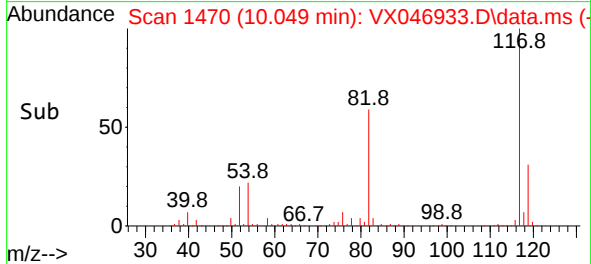
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 449744
Ion Ratio Lower Upper
117 100
82 59.3 43.3 64.9
119 31.4 26.4 39.6

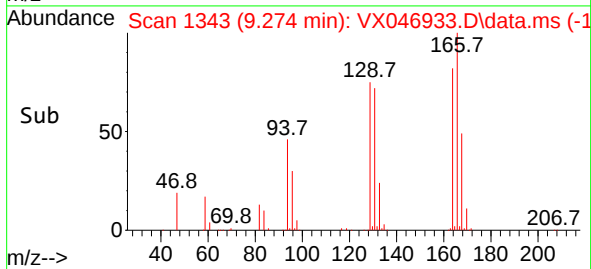
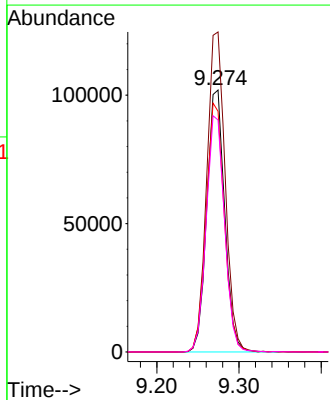
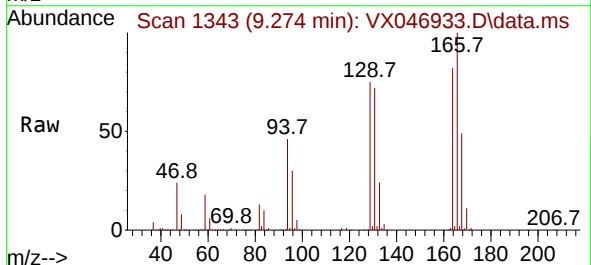
Manual Integrations
APPROVED

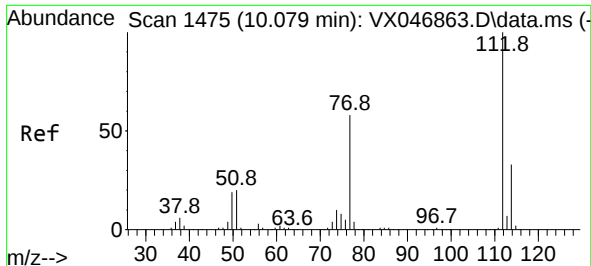
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#64
Tetrachloroethene
Concen: 51.447 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

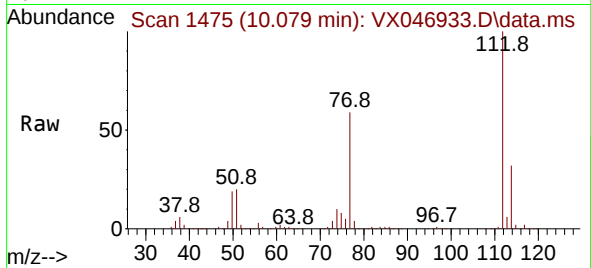
Tgt Ion:164 Resp: 154054
Ion Ratio Lower Upper
164 100
166 122.2 107.0 160.6
129 91.9 79.7 119.5
131 88.6 77.1 115.7





#65
Chlorobenzene
Concen: 53.468 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

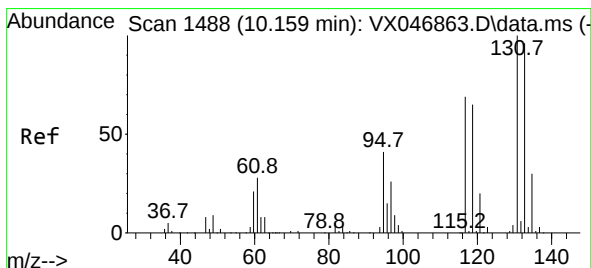
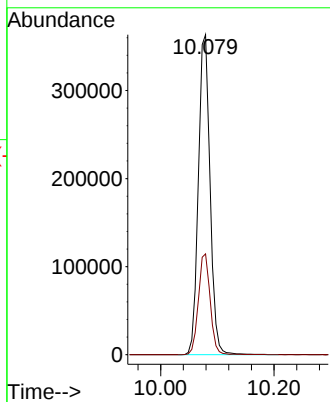
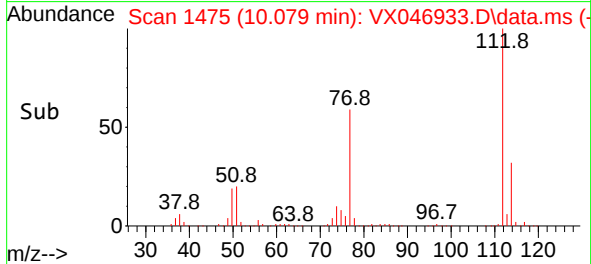
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



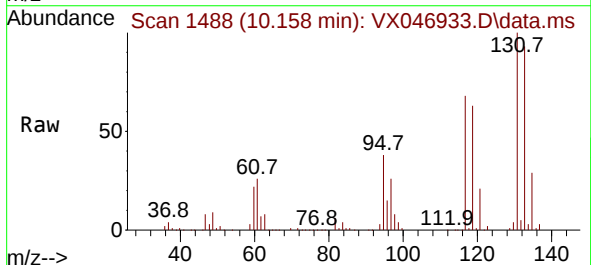
Tgt Ion:112 Resp: 519904
Ion Ratio Lower Upper
112 100
114 31.5 26.3 39.5

Manual Integrations
APPROVED

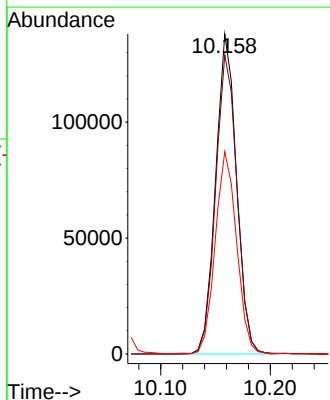
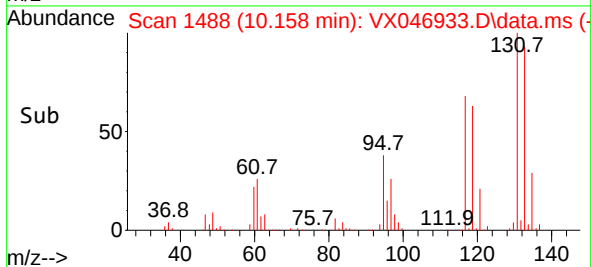
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

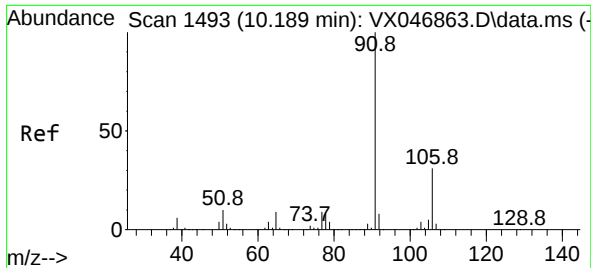


#66
1,1,1,2-Tetrachloroethane
Concen: 55.912 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



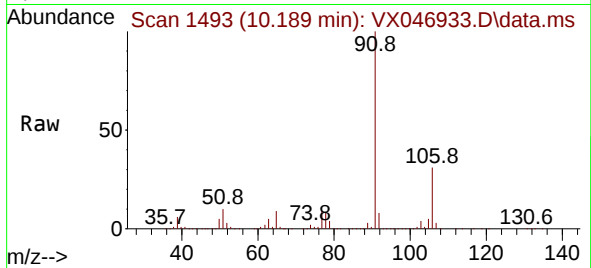
Tgt Ion:131 Resp: 182763
Ion Ratio Lower Upper
131 100
133 95.7 47.6 142.9
119 64.9 32.4 97.2





#67
Ethyl Benzene
Concen: 53.771 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

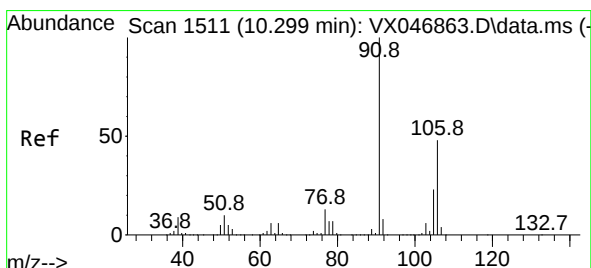
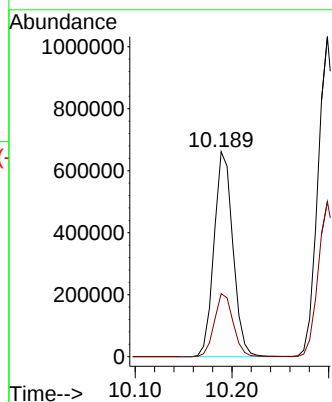
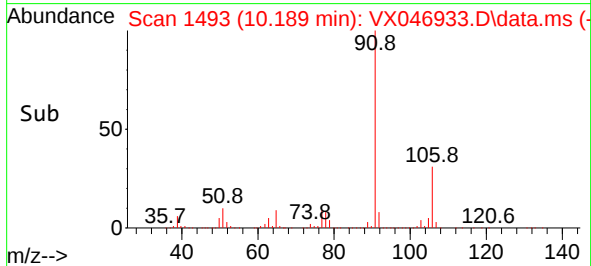
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



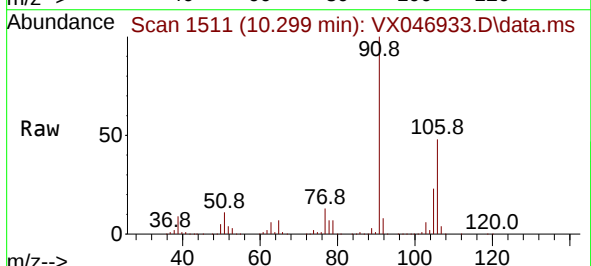
Tgt Ion: 91 Resp: 895395
Ion Ratio Lower Upper
91 100
106 30.8 24.4 36.6

Manual Integrations
APPROVED

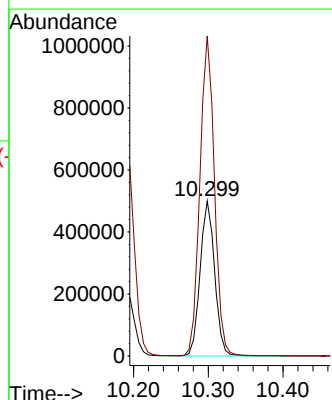
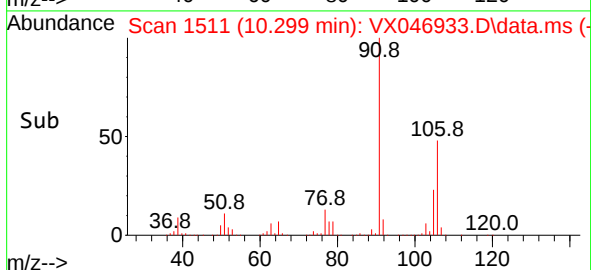
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

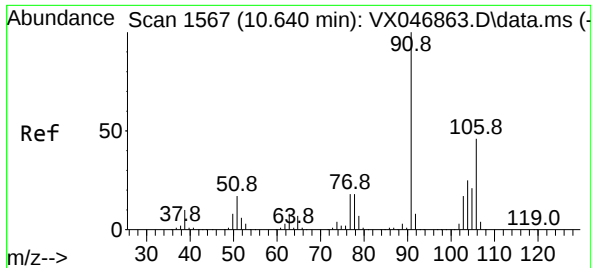


#68
m/p-Xylenes
Concen: 107.290 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



Tgt Ion:106 Resp: 673223
Ion Ratio Lower Upper
106 100
91 207.3 164.6 246.8





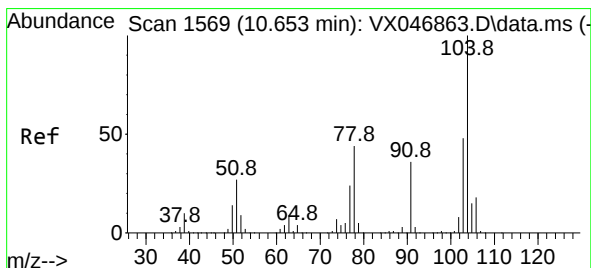
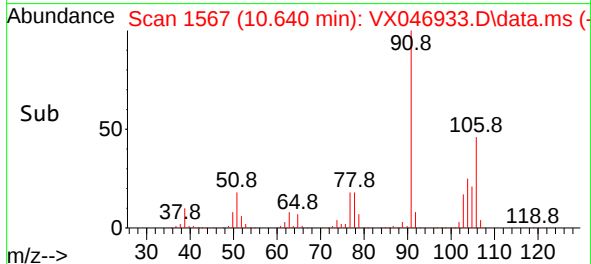
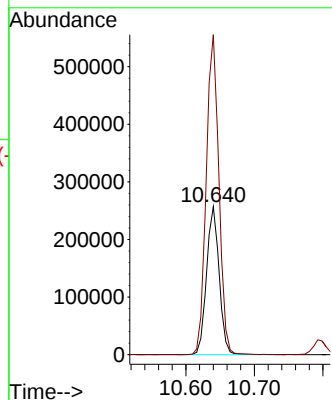
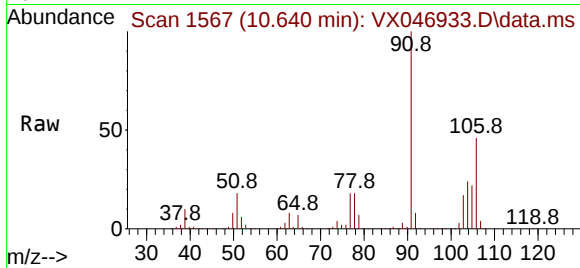
#69
o-Xylene
Concen: 54.271 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 32895
Ion Ratio Lower Upper
106 100
91 217.8 109.5 328.5

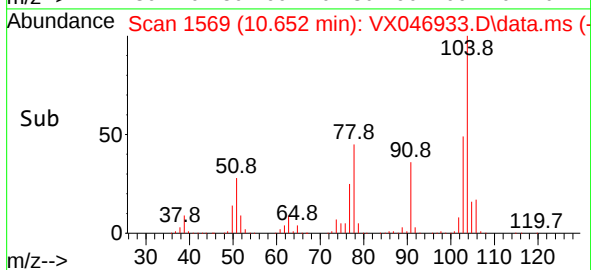
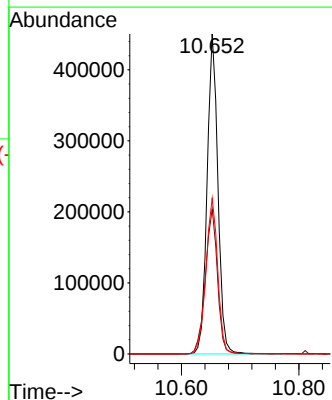
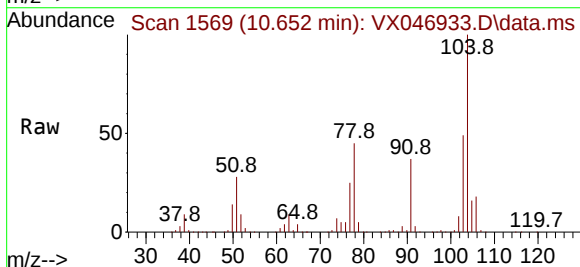
Manual Integrations
APPROVED

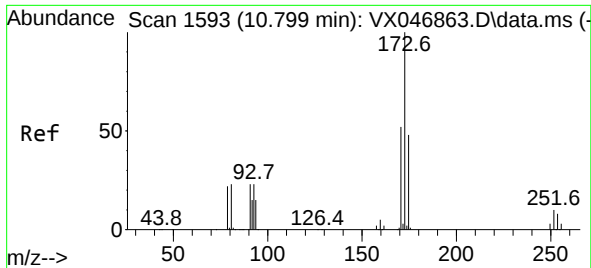
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#70
Styrene
Concen: 55.516 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

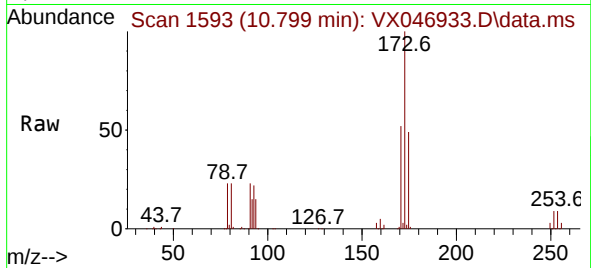
Tgt Ion:104 Resp: 575709
Ion Ratio Lower Upper
104 100
78 50.8 40.3 60.5
103 53.6 42.8 64.2





#71
Bromoform
Concen: 57.288 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

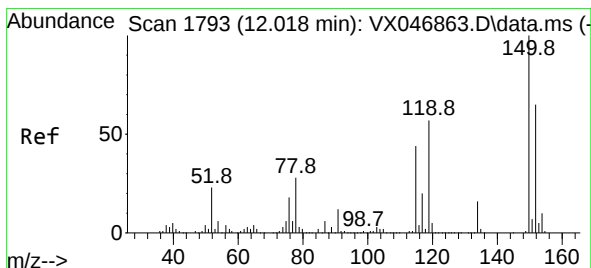
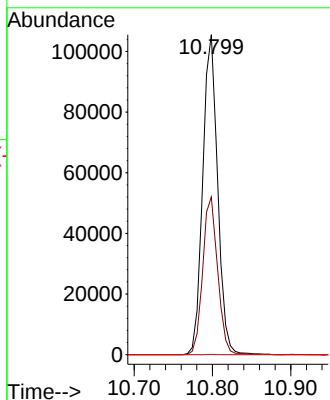
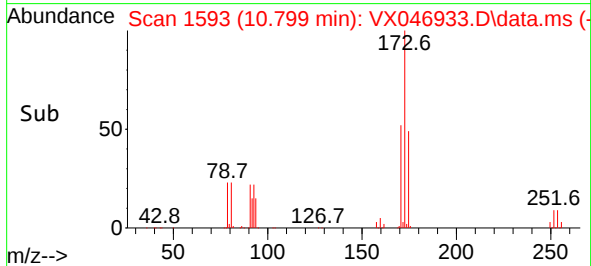
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 139236
Ion Ratio Lower Upper
173 100
175 49.5 23.8 71.5
254 0.1 0.1 0.1

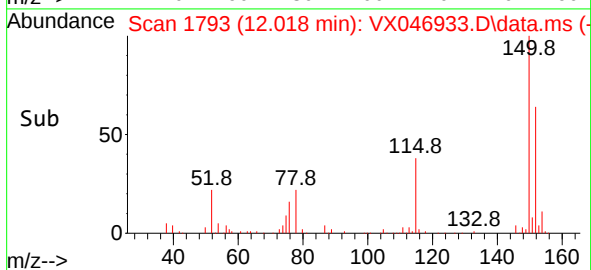
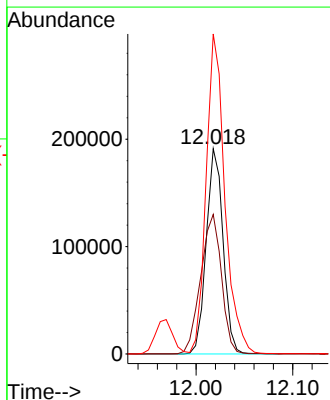
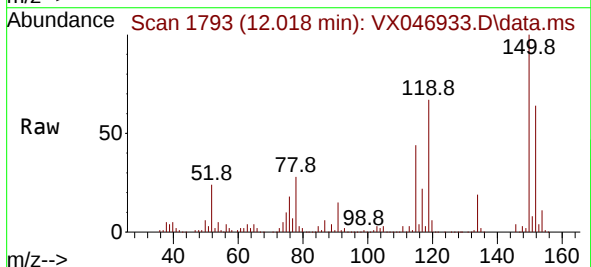
Manual Integrations
APPROVED

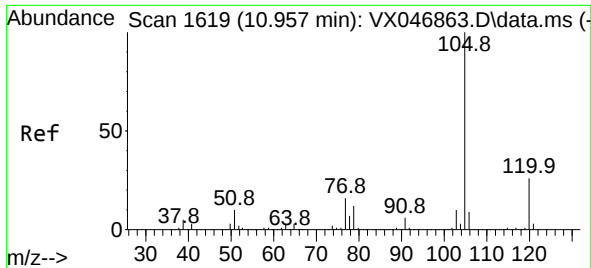
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion:152 Resp: 231018
Ion Ratio Lower Upper
152 100
115 84.0 42.4 127.1
150 172.6 0.0 349.2





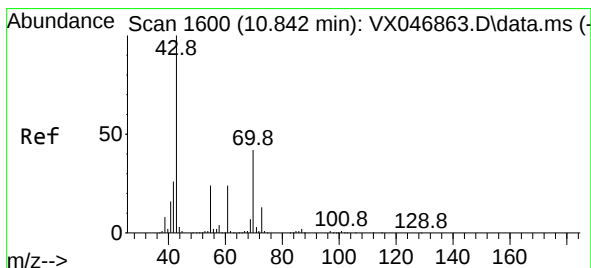
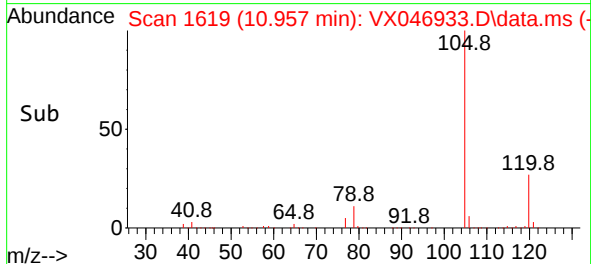
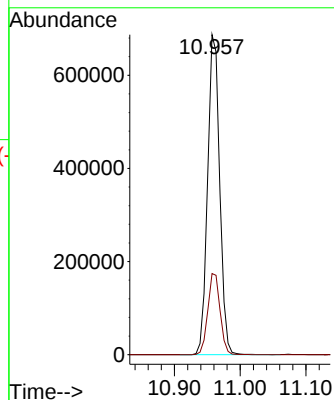
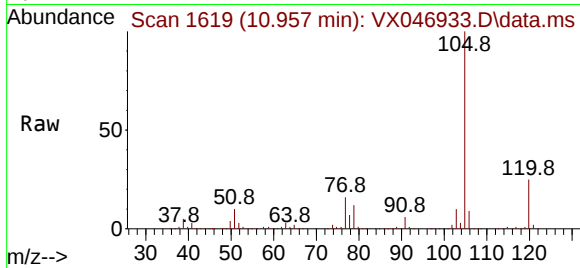
#73
Isopropylbenzene
Concen: 54.059 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 877918
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5

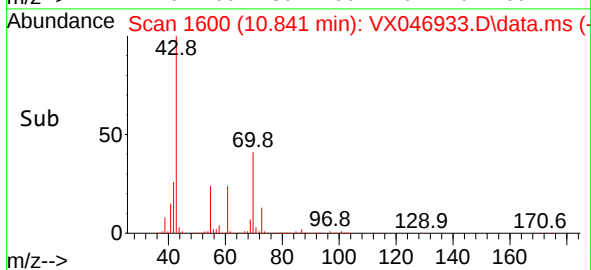
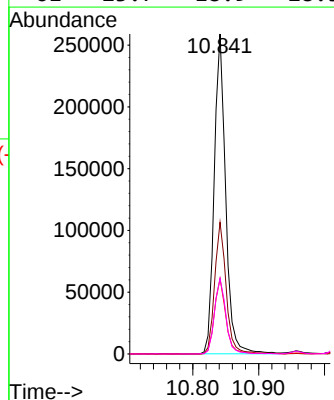
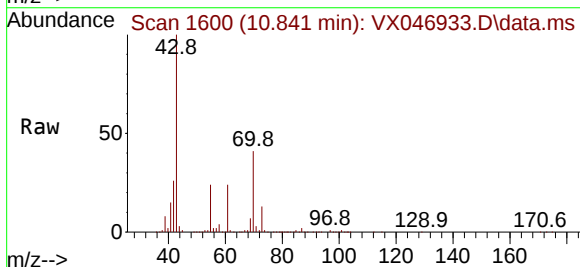
Manual Integrations
APPROVED

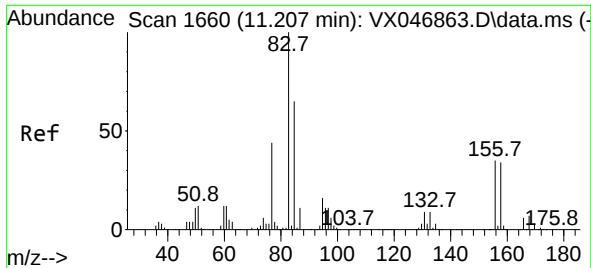
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#74
N-ethyl acetate
Concen: 56.957 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

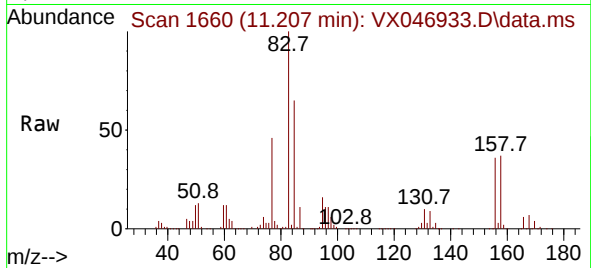
Tgt Ion: 43 Resp: 314316
Ion Ratio Lower Upper
43 100
70 41.6 33.4 50.2
55 23.7 19.6 29.4
61 23.7 18.9 28.3





#75
1,1,2,2-Tetrachloroethane
Concen: 55.381 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

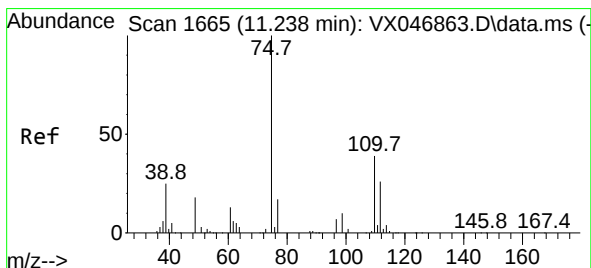
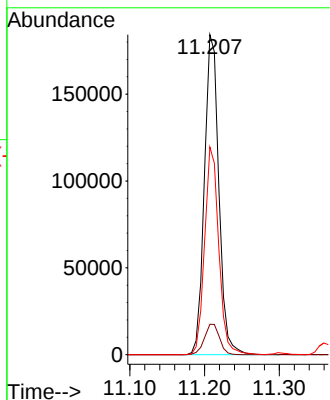
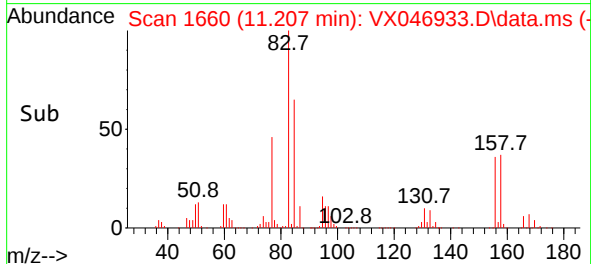
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 247309
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 63.6 32.1 96.5

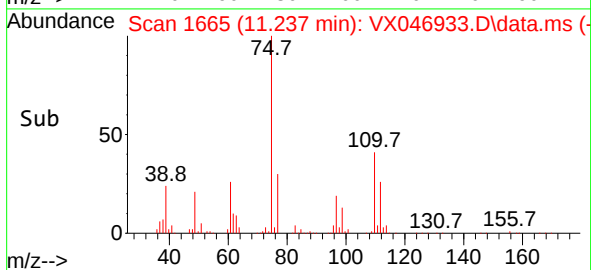
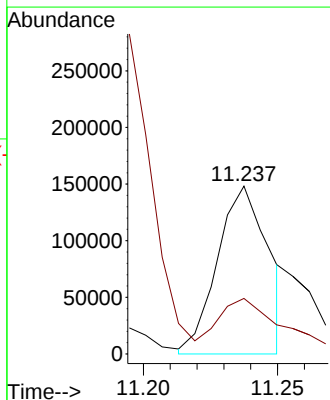
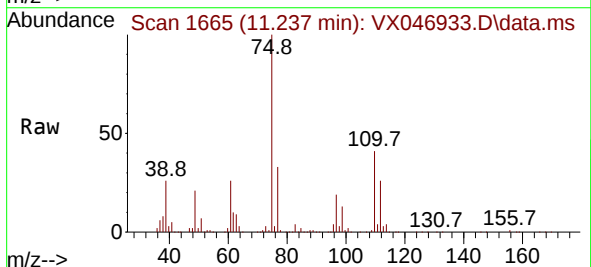
Manual Integrations
APPROVED

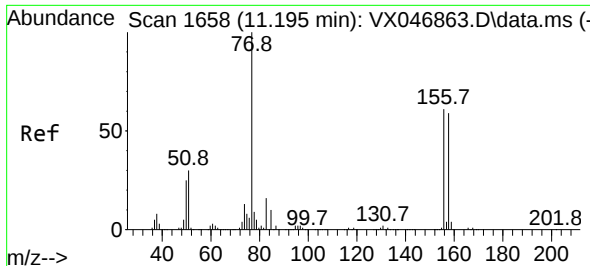
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#76
1,2,3-Trichloropropane
Concen: 54.995 ug/l m
RT: 11.237 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

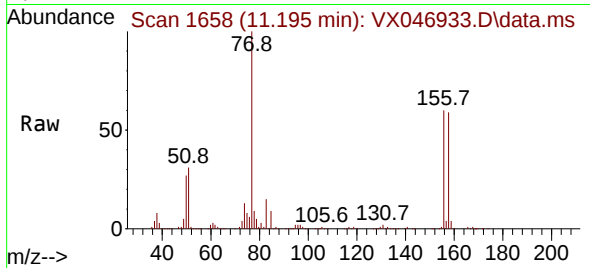
Tgt Ion: 75 Resp: 196306
Ion Ratio Lower Upper
75 100
77 42.7 20.6 61.8





#77
Bromobenzene
Concen: 52.925 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

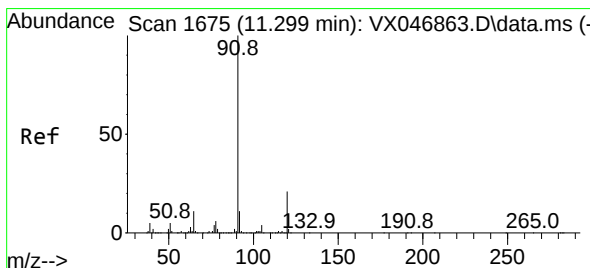
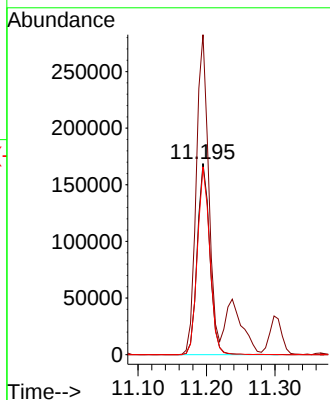
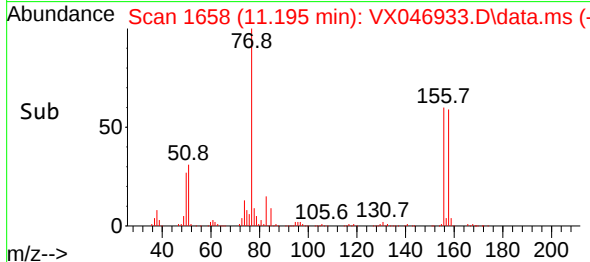
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



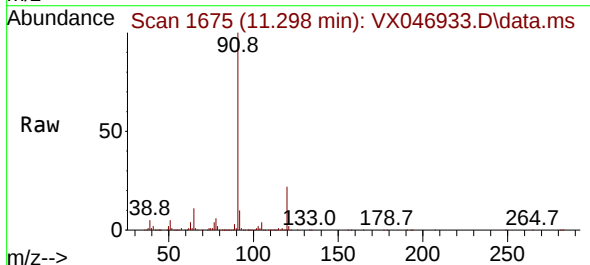
Tgt Ion:156 Resp: 21408
Ion Ratio Lower Upper
156 100
77 166.7 82.3 247.0
158 97.7 47.5 142.6

Manual Integrations
APPROVED

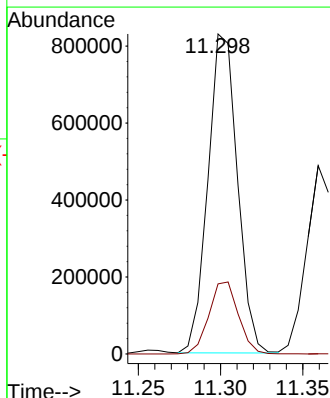
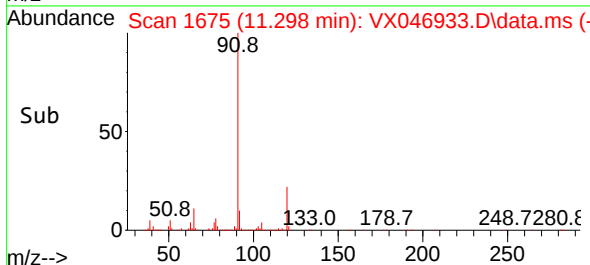
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025

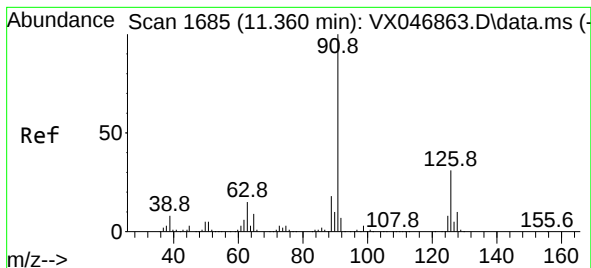


#78
n-propylbenzene
Concen: 52.828 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



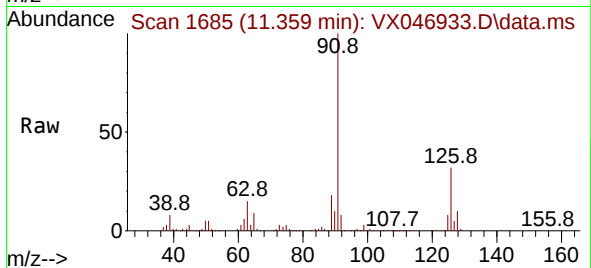
Tgt Ion: 91 Resp: 1034484
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.5





#79
2-Chlorotoluene
Concen: 51.994 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

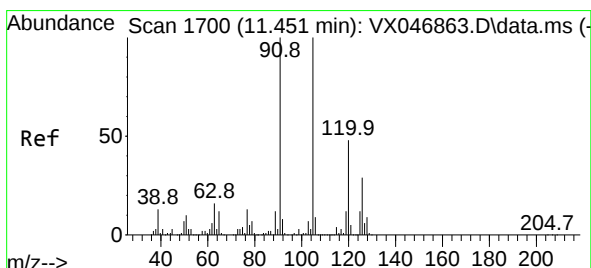
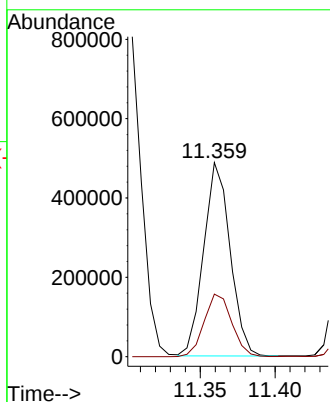
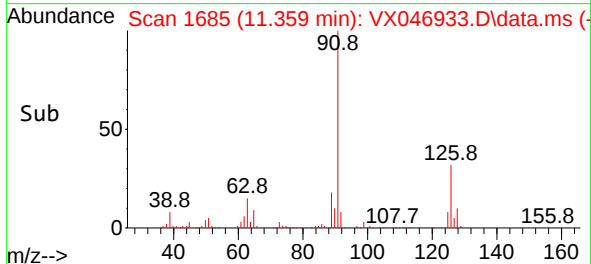
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



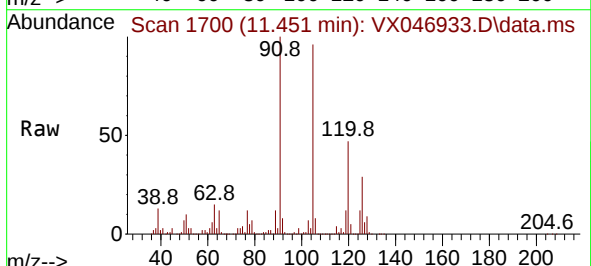
Tgt Ion: 91 Resp: 601179
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.8

Manual Integrations
APPROVED

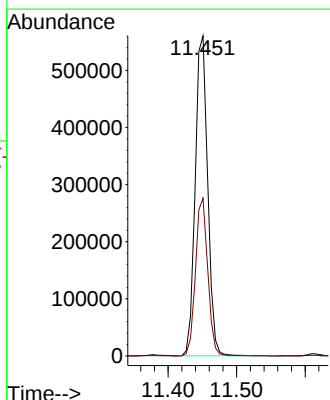
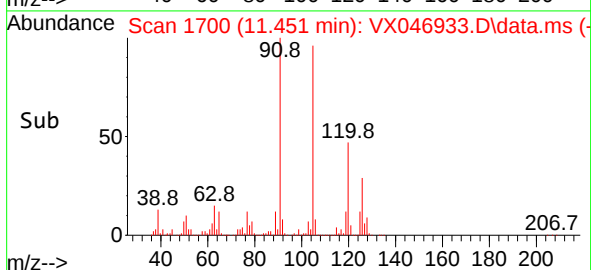
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 53.899 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



Tgt Ion:105 Resp: 711235
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.4





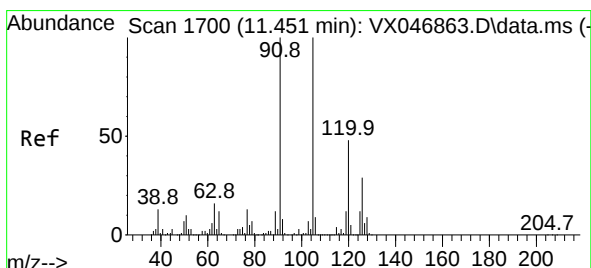
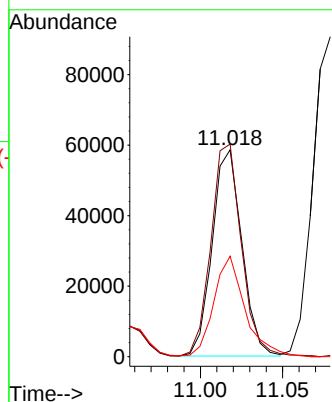
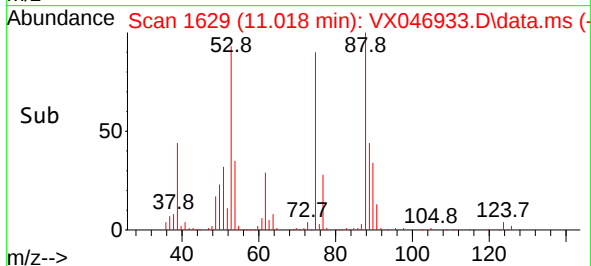
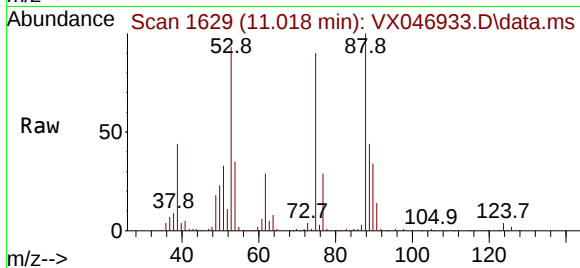
#81
trans-1,4-Dichloro-2-butene
Concen: 55.146 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 73354
Ion Ratio Lower Upper
75 100
53 106.4 83.7 125.5
89 51.4 38.2 57.2

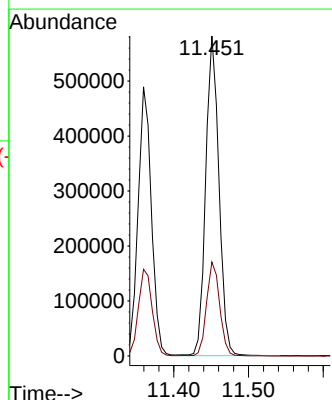
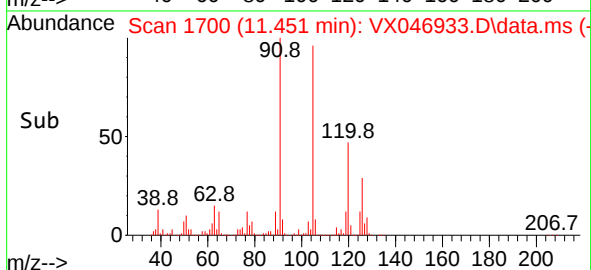
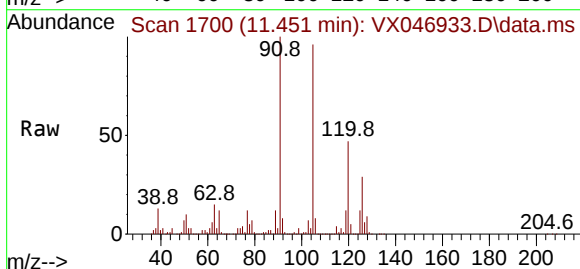
Manual Integrations
APPROVED

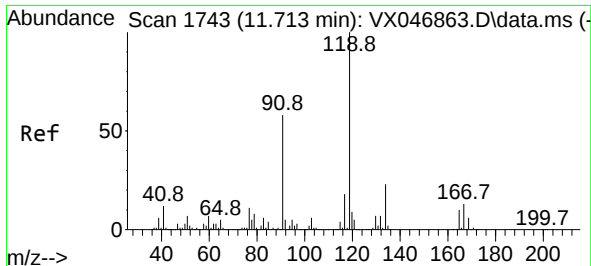
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#82
4-Chlorotoluene
Concen: 53.511 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

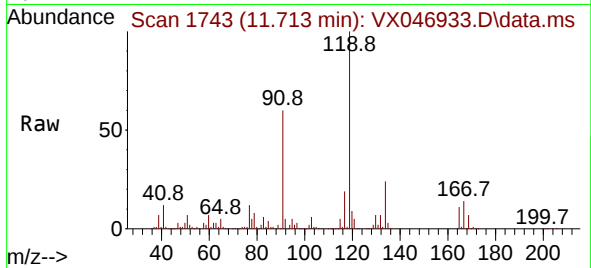
Tgt Ion: 91 Resp: 713998
Ion Ratio Lower Upper
91 100
126 29.2 14.6 44.0





#83
tert-Butylbenzene
Concen: 53.736 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

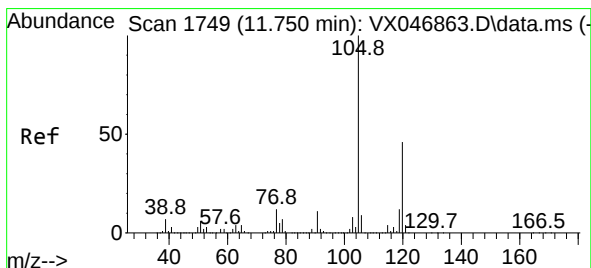
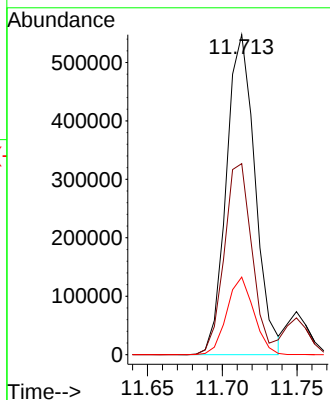
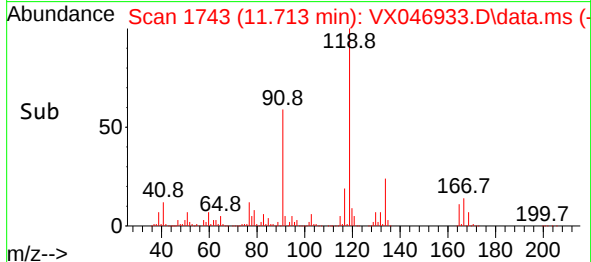
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



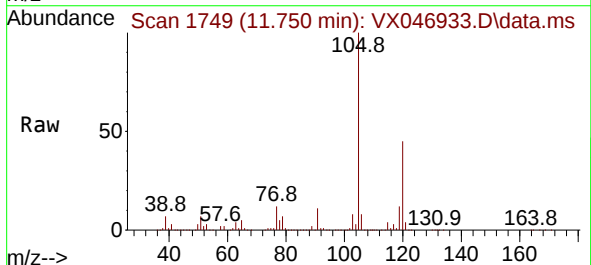
Tgt Ion:119 Resp: 732365
Ion Ratio Lower Upper
119 100
91 57.4 28.7 86.3
134 22.8 11.4 34.2

Manual Integrations
APPROVED

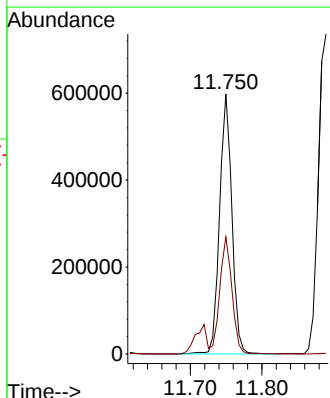
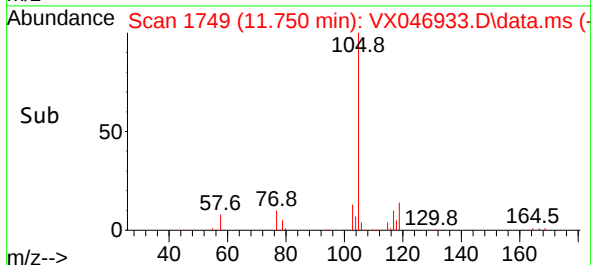
Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#84
1,2,4-Trimethylbenzene
Concen: 53.589 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



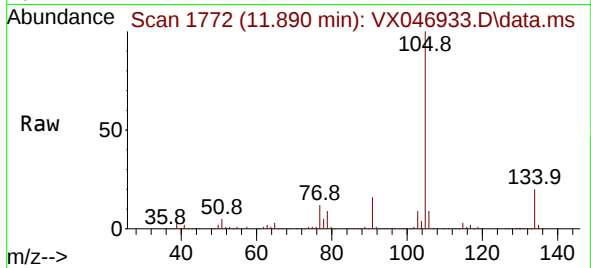
Tgt Ion:105 Resp: 714758
Ion Ratio Lower Upper
105 100
120 44.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.579 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046933.D
 Acq: 10 Jul 2025 09:54

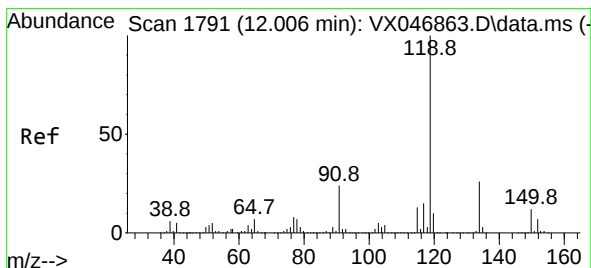
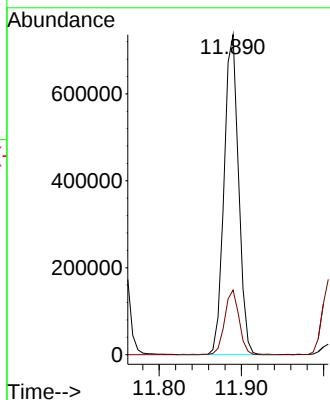
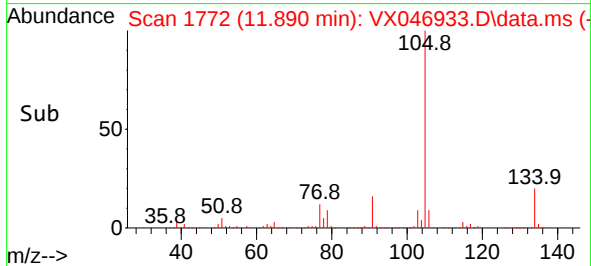
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



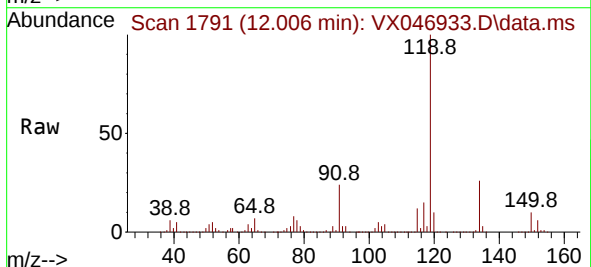
Tgt Ion:105 Resp: 903495
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.9 29.7

Manual Integrations
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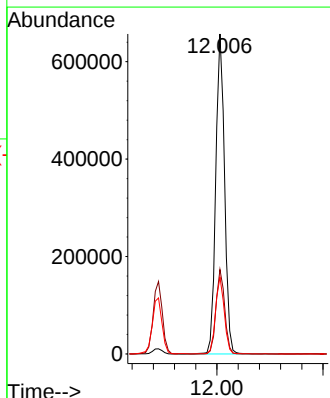
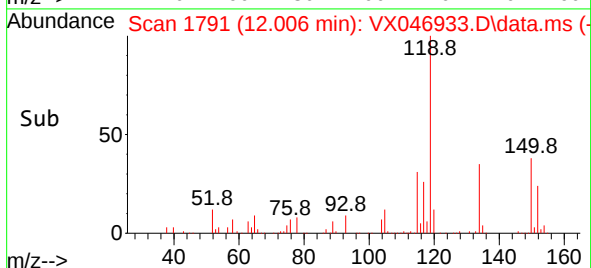
Reviewed By :John Carlone 07/11/2025
 Supervised By :Mahesh Dadoda 07/14/2025



#86
 p-Isopropyltoluene
 Concen: 52.668 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX046933.D
 Acq: 10 Jul 2025 09:54



Tgt Ion:119 Resp: 757887
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.0 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 52.660 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 398380

Ion Ratio Lower Upper

146 100

111 41.4 20.5 61.6

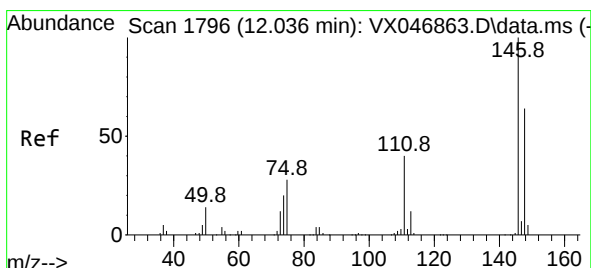
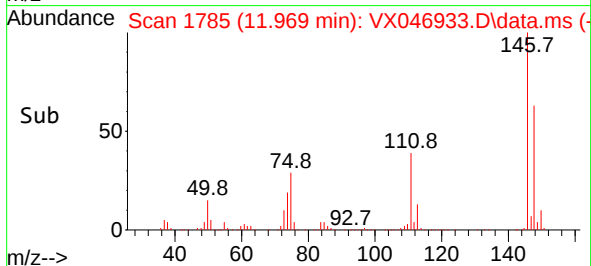
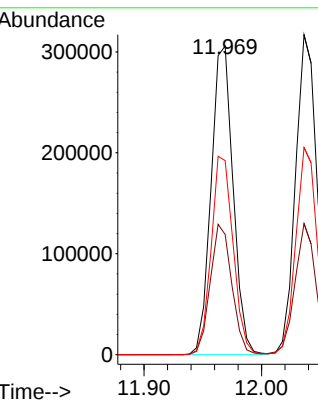
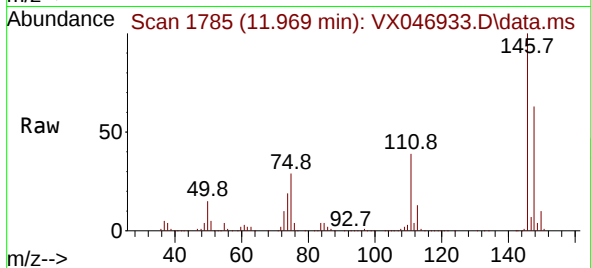
148 64.4 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#88

1,4-Dichlorobenzene

Concen: 51.089 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

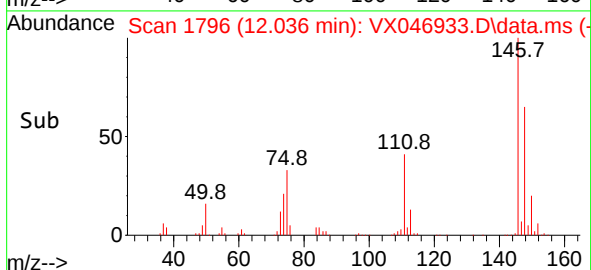
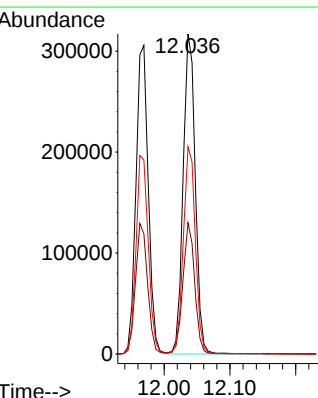
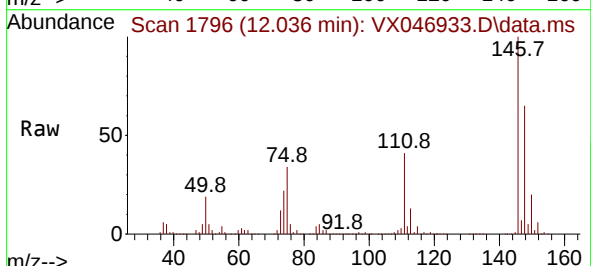
Tgt Ion:146 Resp: 402250

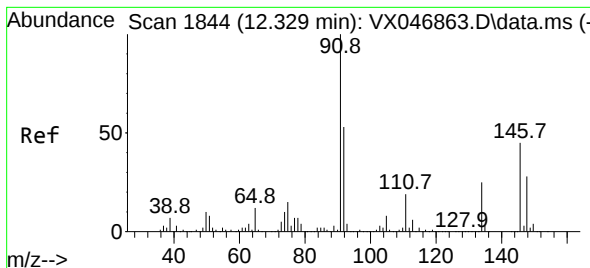
Ion Ratio Lower Upper

146 100

111 40.0 20.2 60.5

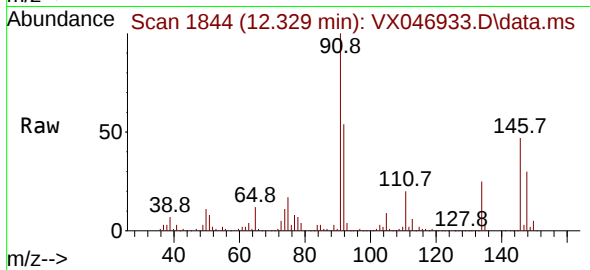
148 64.3 32.4 97.0





#89
n-Butylbenzene
Concen: 52.526 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

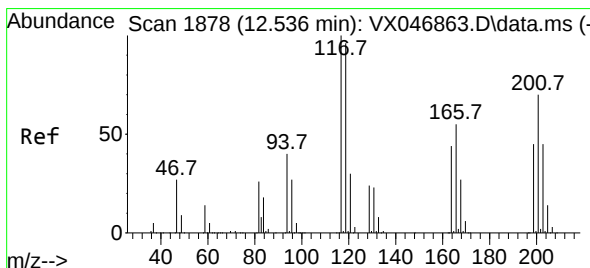
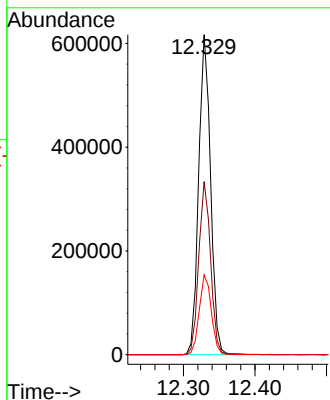
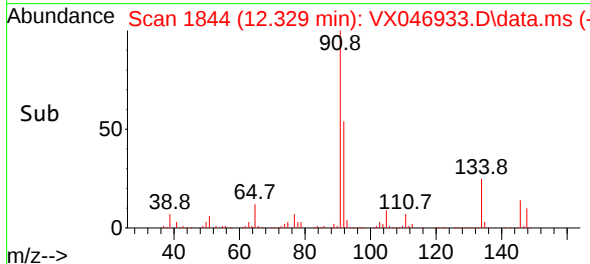
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 710200
Ion Ratio Lower Upper
91 100
92 54.0 27.0 81.0
134 25.4 12.8 38.4

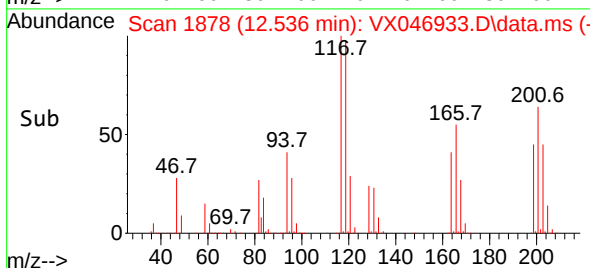
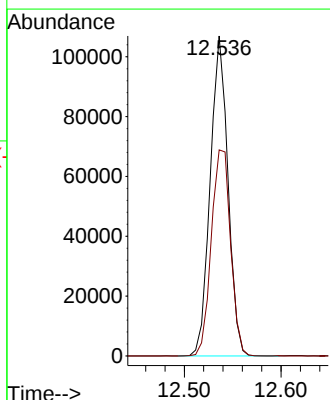
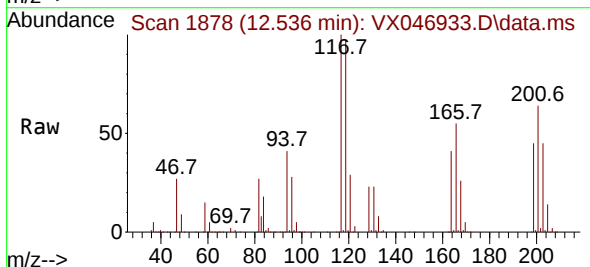
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#90
Hexachloroethane
Concen: 53.280 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

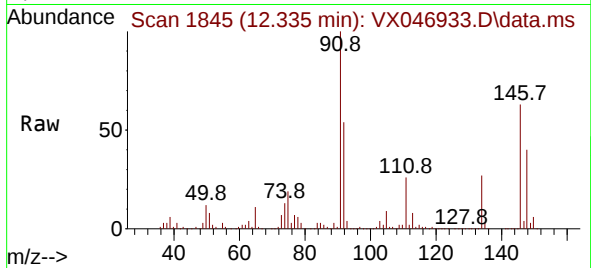
Tgt Ion:117 Resp: 135916
Ion Ratio Lower Upper
117 100
201 70.0 35.8 107.4





#91
1,2-Dichlorobenzene
Concen: 52.664 ug/l
RT: 12.335 min Scan# 1844
Delta R.T. 0.006 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

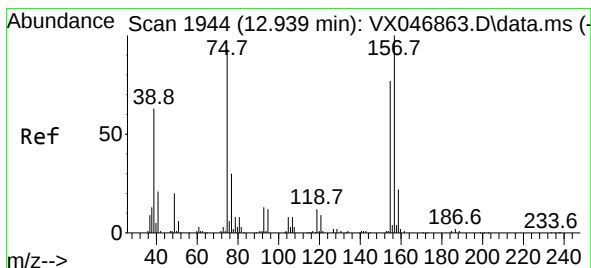
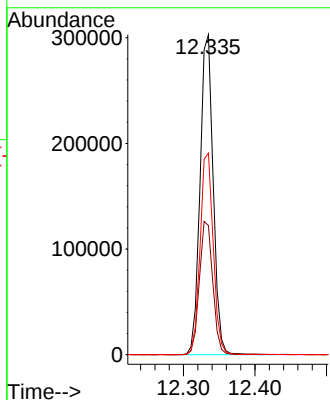
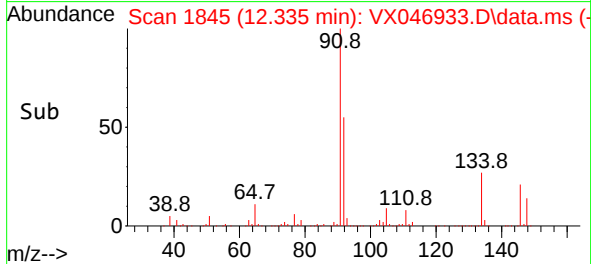
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 386093
Ion Ratio Lower Upper
146 100
111 42.5 21.1 63.1
148 63.1 31.6 95.0

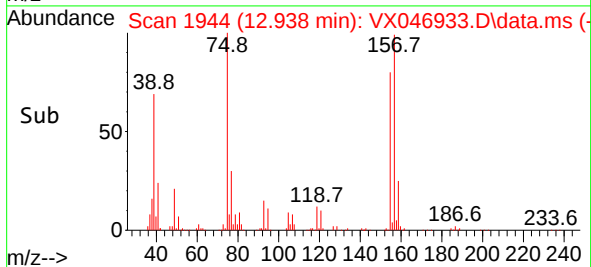
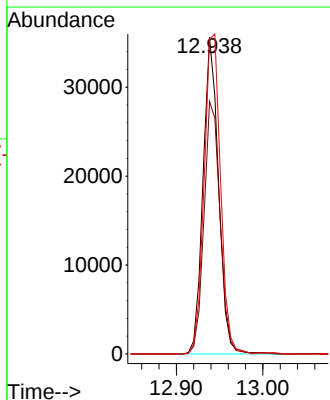
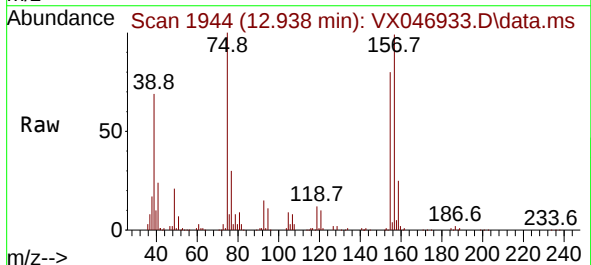
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.504 ug/l
RT: 12.938 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

Tgt Ion: 75 Resp: 44132
Ion Ratio Lower Upper
75 100
155 83.1 43.1 129.4
157 107.3 56.5 169.5





#93

1,2,4-Trichlorobenzene

Concen: 52.762 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

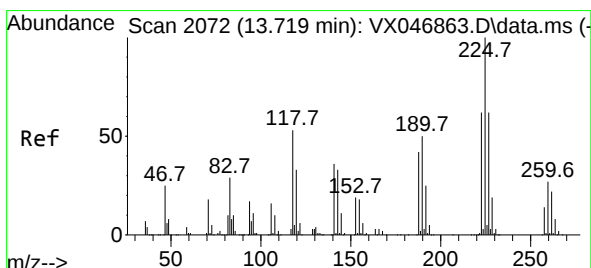
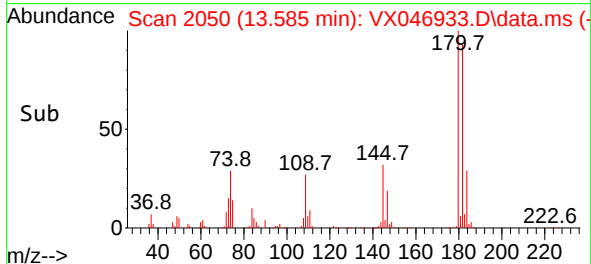
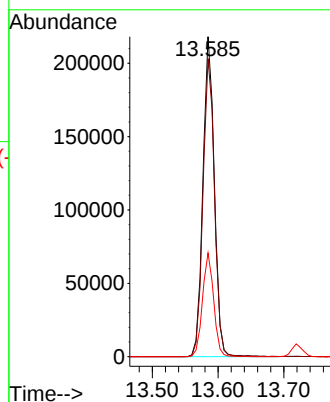
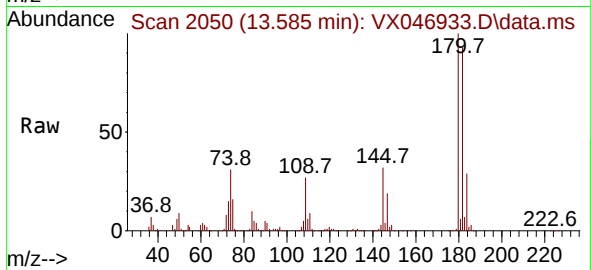
Tgt Ion:180 Resp: 26278
 Ion Ratio Lower Upper
 180 100
 182 93.9 47.3 141.9
 145 31.8 16.1 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2025

Supervised By :Mahesh Dadoda 07/14/2025



#94

Hexachlorobutadiene

Concen: 50.808 ug/l

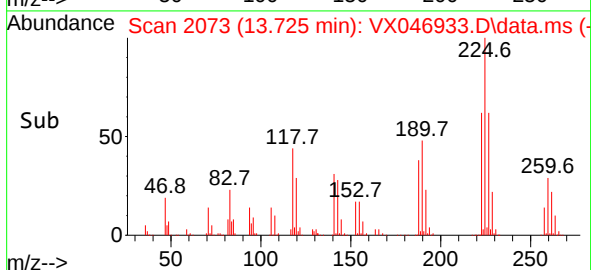
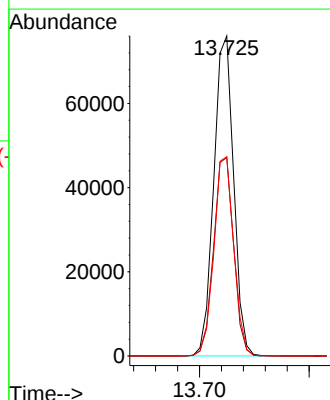
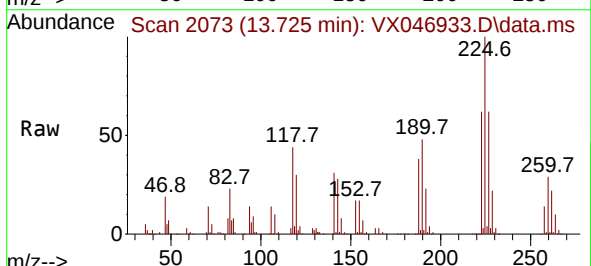
RT: 13.725 min Scan# 2073

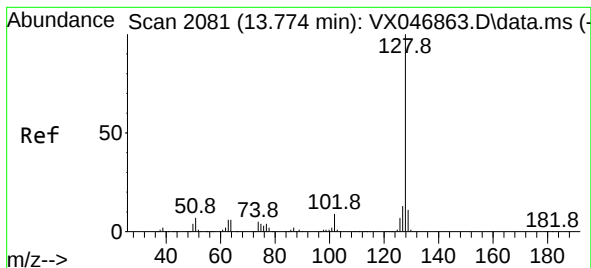
Delta R.T. 0.006 min

Lab File: VX046933.D

Acq: 10 Jul 2025 09:54

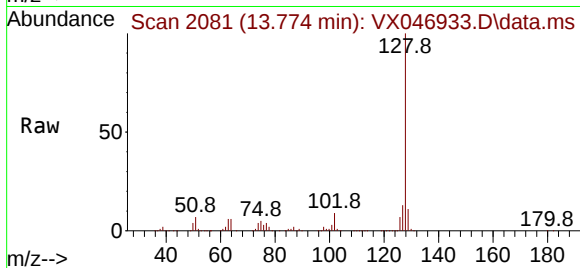
Tgt Ion:225 Resp: 95431
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.6 94.7
 227 62.3 31.6 94.7





#95
Naphthalene
Concen: 57.028 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54

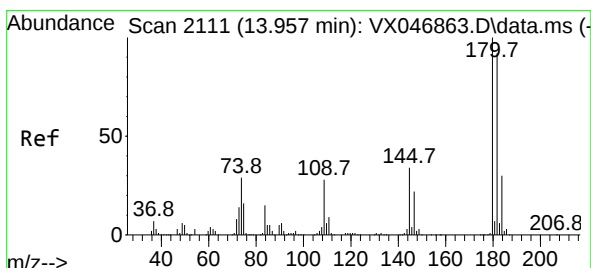
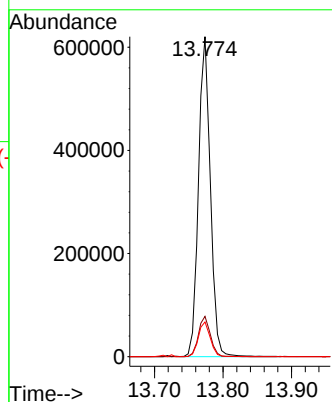
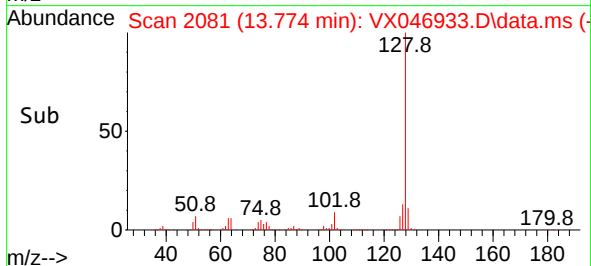
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



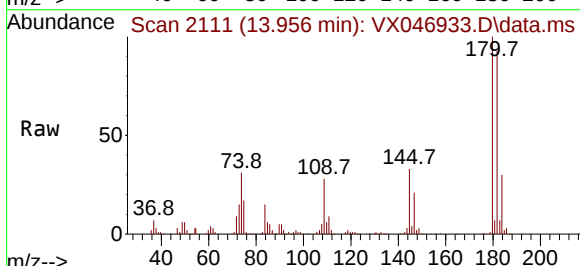
Tgt Ion:128 Resp: 74843
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2025
Supervised By :Mahesh Dadoda 07/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 53.919 ug/l
RT: 13.956 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VX046933.D
Acq: 10 Jul 2025 09:54



Tgt Ion:180 Resp: 253738
Ion Ratio Lower Upper
180 100
182 94.8 46.7 140.1
145 33.2 16.8 50.3

