

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044866.D
 Acq On : 07 Feb 2025 15:43
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2025
 Supervised By : Mahesh Dadoda 02/10/2025

Quant Time: Feb 07 22:15:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.885	128	21759	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.751	114	118610	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	121071	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	59261	28.211	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	94.033%		
60) 4-Bromofluorobenzene	11.079	95	69438	29.528	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.433%		
63) Toluene-d8	8.641	98	175533	26.656	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	88.867%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.167	85	36019	18.618	ug/l	95
3) Chloromethane	1.301	50	40218	19.763	ug/l	97
4) Vinyl Chloride	1.374	62	38564	19.368	ug/l	99
5) Bromomethane	1.593	94	13019	27.053	ug/l	95
6) Chloroethane	1.673	64	20937	66.316	ug/l	95
7) Trichlorofluoromethane	1.880	101	54728	25.098	ug/l	99
8) Diethyl Ether	2.130	74	19225	22.854	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.319	101	32823	21.010	ug/l	98
10) 1,1-Dichloroethene	2.313	96	31939	19.873	ug/l	94
11) Methyl Iodide	2.447	142	40260	18.077	ug/l	97
12) Methyl Acetate	2.697	43	57105	24.337	ug/l	100
13) Acrolein	2.233	56	27467	105.853	ug/l	100
14) Acrylonitrile	3.056	53	98157	114.803	ug/l	98
15) Acetone	2.374	58	25075	109.295	ug/l	93
16) Carbon Disulfide	2.502	76	81136	18.165	ug/l	100
17) Allyl chloride	2.654	41	57464	19.826	ug/l	99
18) Methylene Chloride	2.782	84	36181	20.116	ug/l	98
19) trans-1,2-Dichloroethene	3.087	96	30982	19.387	ug/l	98
20) Diisopropyl ether	3.751	45	113243	21.526	ug/l	94
21) 1,1-Dichloroethane	3.599	63	63130	20.229	ug/l	96
22) cis-1,2-Dichloroethene	4.477	96	38071	19.247	ug/l	98
23) tert-Butyl Alcohol	2.959	59	35849	86.688	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	105548	18.954	ug/l	99
25) Chloroform	5.080	83	61627	19.874	ug/l	99
26) Cyclohexane	5.458	56	55273	21.074	ug/l #	96
29) 1,1-Dichloropropene	5.678	75	42782	20.737	ug/l	99
30) 2-Butanone	4.550	43	129395	114.176	ug/l	98
31) 2,2-Dichloropropane	4.471	77	49809	17.447	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	52386	19.161	ug/l	98
33) Carbon Tetrachloride	5.660	117	42388	18.379	ug/l	97
34) Benzene	6.025	78	133629	20.302	ug/l	98
35) Methacrylonitrile	4.910	41	27975	22.086	ug/l	96
36) 1,2-Dichloroethane	6.074	62	44655	18.975	ug/l	100
37) Trichloroethene	7.117	130	30684	19.308	ug/l	97
38) Methylcyclohexane	7.373	83	57407	20.480	ug/l	99
39) 1,2-Dichloropropane	7.421	63	33714	20.540	ug/l	96
40) Dibromomethane	7.574	93	23720	19.439	ug/l	99
41) Bromodichloromethane	7.818	83	47686	18.926	ug/l	99
42) Vinyl Acetate	3.715	43	454774	101.045	ug/l	97

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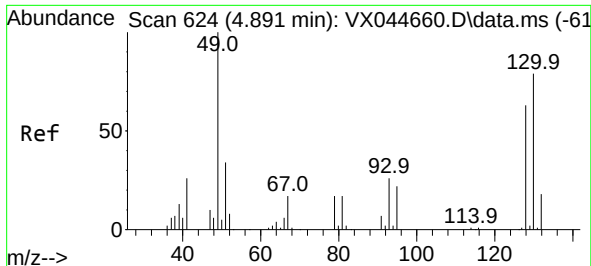
Manual Integrations
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 Supervised By : Mahesh Dadoda 02/10/2025

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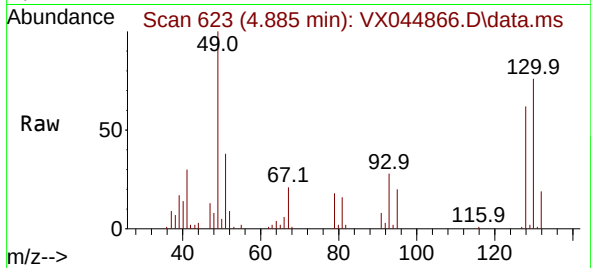
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.709	43	49157	22.112	ug/l #	94
44) Isopropyl Acetate	6.336	43	81817	20.486	ug/l	98
45) 1,4-Dioxane	7.653	88	14728	387.270	ug/l	96
46) Methyl methacrylate	7.690	41	36598	18.721	ug/l	99
47) n-amyl Acetate	10.842	43	74587	22.253	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	46014	17.302	ug/l	100
49) cis-1,3-Dichloropropene	8.360	75	52684	18.475	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	32714	20.816	ug/l	97
51) Ethyl methacrylate	9.116	69	52180	19.113	ug/l	98
52) 1,3-Dichloropropane	9.305	76	55852	20.548	ug/l	100
53) Dibromochloromethane	9.519	129	37882	20.172	ug/l	97
54) 1,2-Dibromoethane	9.604	107	35162	21.165	ug/l	98
55) 2-Chloroethyl vinyl ether	8.232	63	142221	107.363	ug/l	98
56) Bromoform	10.799	173	24706	19.840	ug/l	97
58) 4-Methyl-2-Pentanone	8.568	43	259561	101.709	ug/l	97
59) 2-Hexanone	9.427	43	190972	102.215	ug/l	99
61) Tetrachloroethene	9.269	164	25877	17.818	ug/l	98
62) Toluene	8.714	91	140219	17.589	ug/l	99
64) Chlorobenzene	10.073	112	99102	20.016	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	31906	17.940	ug/l	98
66) Ethyl Benzene	10.189	91	173677	19.963	ug/l	98
67) m/p-Xylenes	10.299	106	129665	40.545	ug/l	100
68) o-Xylene	10.640	106	63902	19.909	ug/l	99
69) Styrene	10.653	104	106631	20.234	ug/l	100
70) Isopropylbenzene	10.957	105	166174	20.594	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.207	83	57475	21.188	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	46628m	20.432	ug/l	
73) Bromobenzene	11.195	156	37125	19.750	ug/l	100
74) n-propylbenzene	11.299	91	192476	21.001	ug/l	99
75) 2-Chlorotoluene	11.360	91	118244	20.521	ug/l	99
76) 1,3,5-Trimethylbenzene	11.445	105	138060	21.069	ug/l	98
77) t-1,4-Dichloro-2-butene	11.012	75	16986	15.733	ug/l	88
78) 4-Chlorotoluene	11.451	91	132278	20.834	ug/l	99
79) tert-butylbenzene	11.713	119	124846	18.546	ug/l	97
80) 1,2,4-Trimethylbenzene	11.750	105	122835	18.579	ug/l	98
81) sec-Butylbenzene	11.890	105	156826	19.509	ug/l	99
82) p-Isopropyltoluene	12.006	119	127635	19.293	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	63696	19.078	ug/l	97
84) 1,4-Dichlorobenzene	12.037	146	60889	18.603	ug/l	99
85) n-Butylbenzene	12.329	91	113610	19.811	ug/l	98
86) Hexachloroethane	12.536	117	22199	15.253	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	64125	19.233	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9039	13.835	ug/l	94
89) 1,2,4-Trichlorobenzene	13.585	180	36789	17.756	ug/l	99
90) Hexachlorobutadiene	13.725	225	15477	19.312	ug/l	99
91) Naphthalene	13.774	128	132884	17.143	ug/l	99
92) 1,2,3-Trichlorobenzene	13.957	180	36407	17.276	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.885 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43

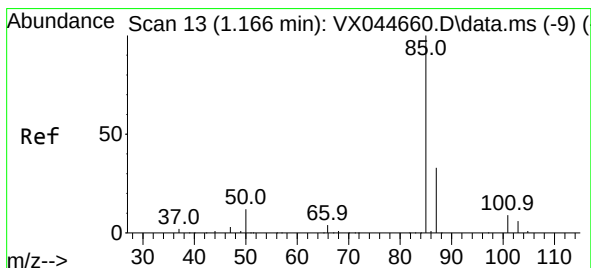
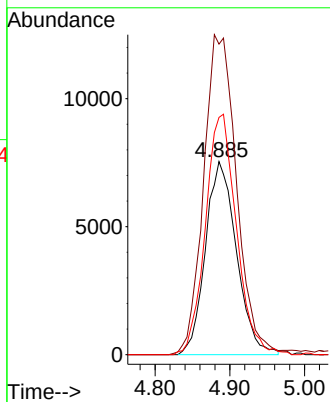
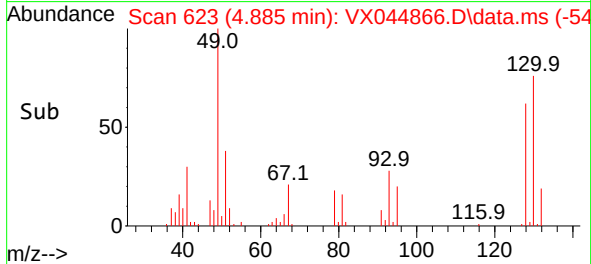
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:128 Resp: 21759
 Ion Ratio Lower Upper
 128 100
 49 175.2 0.0 411.5
 130 123.6 0.0 324.3

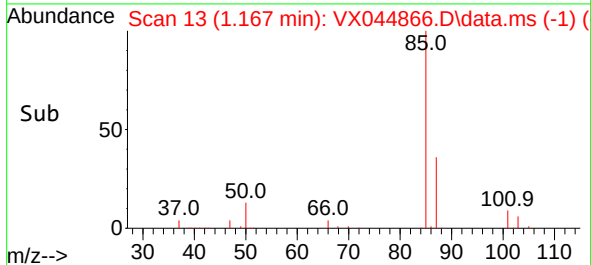
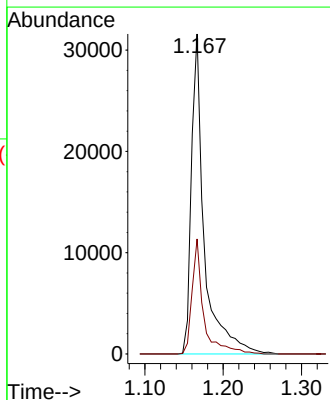
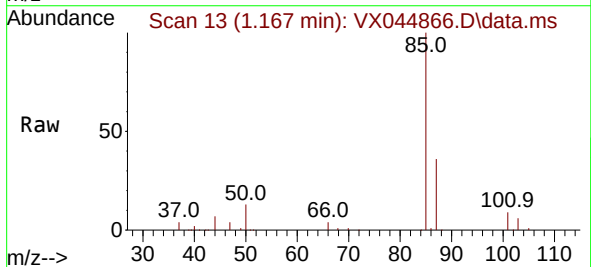
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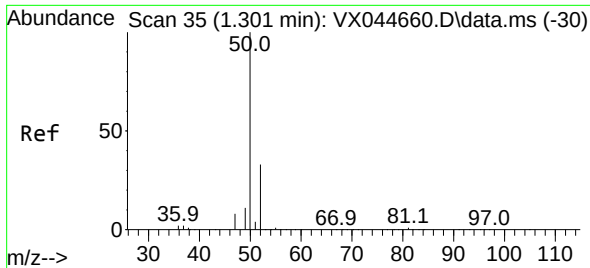
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#2
 Dichlorodifluoromethane
 Concen: 18.618 ug/l
 RT: 1.167 min Scan# 13
 Delta R.T. 0.000 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43

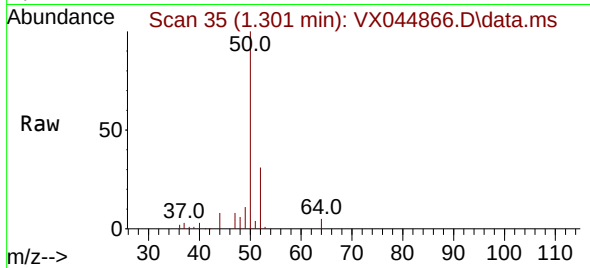
Tgt Ion: 85 Resp: 36019
 Ion Ratio Lower Upper
 85 100
 87 35.9 16.6 49.8





#3
Chloromethane
Concen: 19.763 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

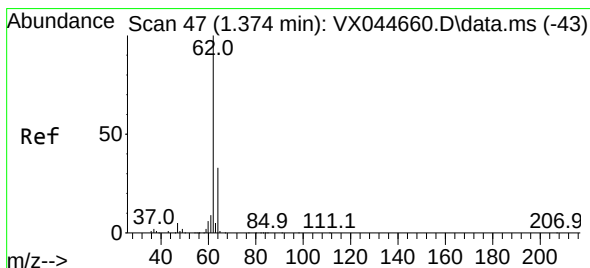
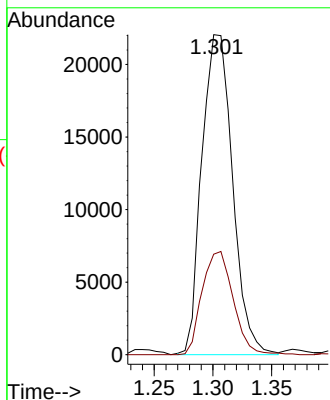
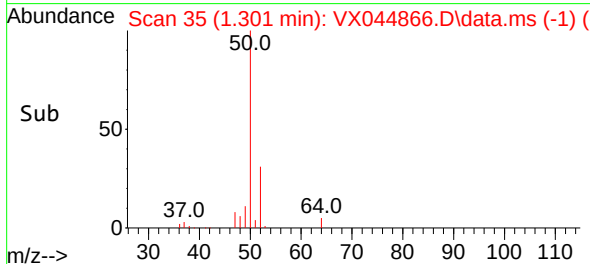
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



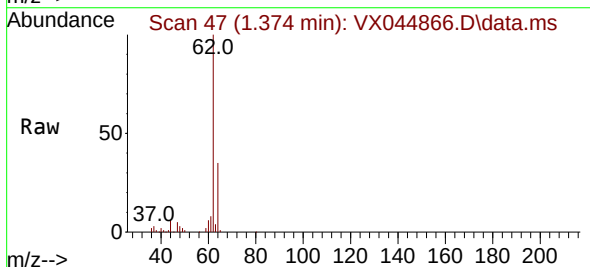
Tgt Ion: 50 Resp: 40218
Ion Ratio Lower Upper
50 100
52 31.6 26.5 39.7

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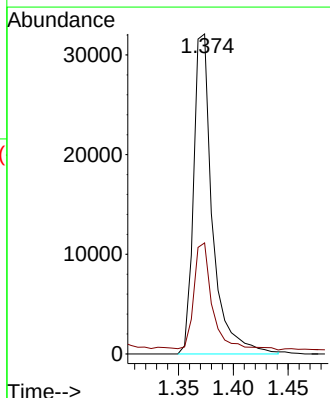
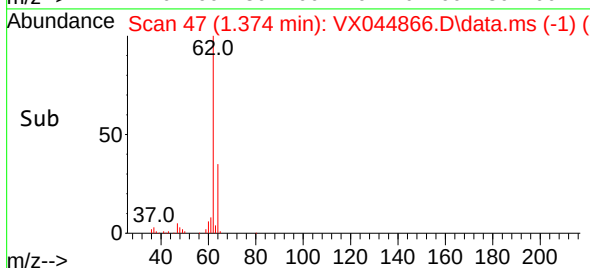
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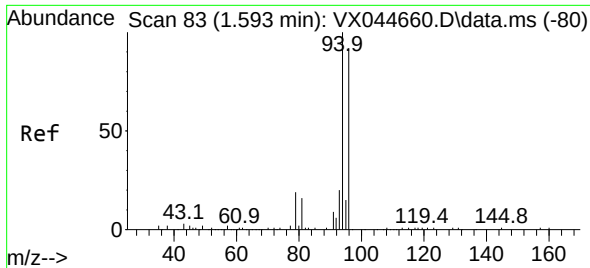


#4
Vinyl Chloride
Concen: 19.368 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



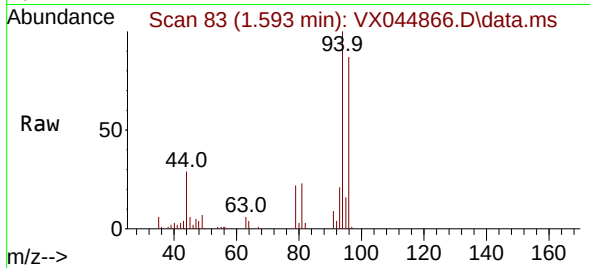
Tgt Ion: 62 Resp: 38564
Ion Ratio Lower Upper
62 100
64 33.5 27.3 40.9





#5
Bromomethane
Concen: 27.053 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

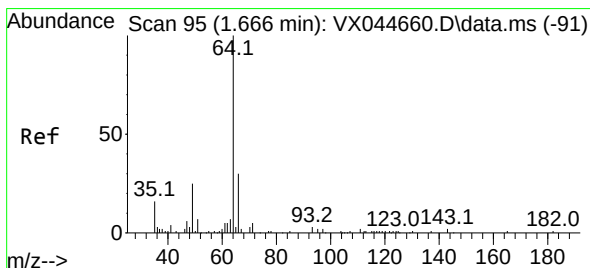
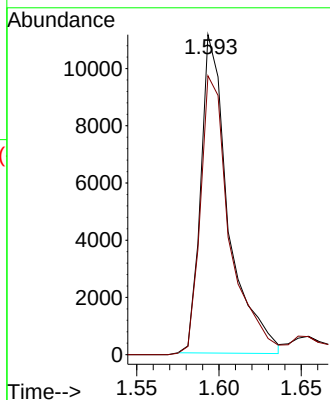
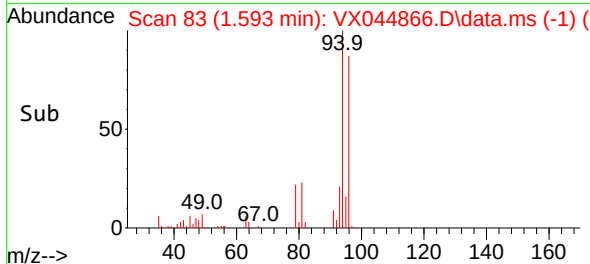
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 13019
Ion Ratio Lower Upper
94 100
96 87.2 73.3 109.9

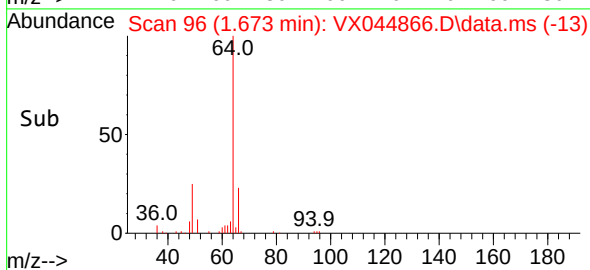
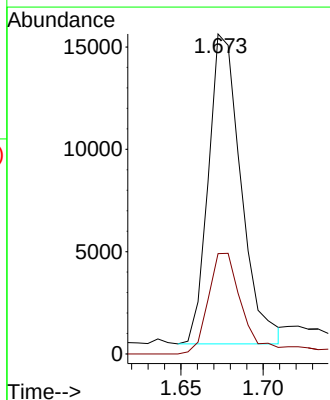
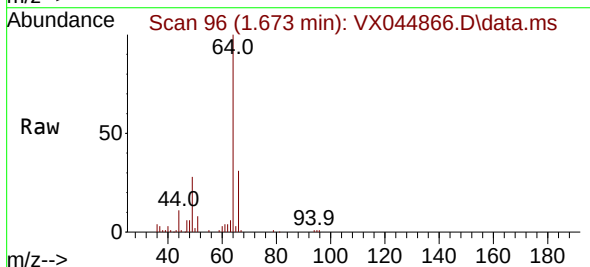
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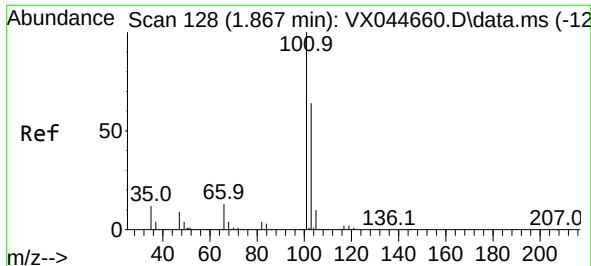
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#6
Chloroethane
Concen: 66.316 ug/l
RT: 1.673 min Scan# 96
Delta R.T. 0.006 min
Lab File: VX044866.D
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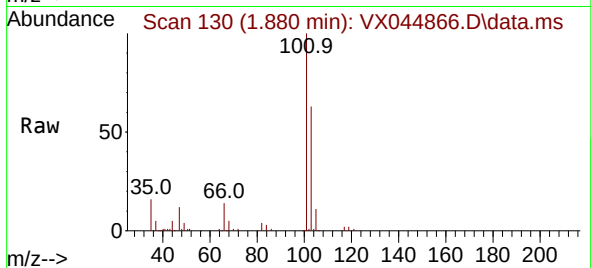
Tgt Ion: 64 Resp: 20937
Ion Ratio Lower Upper
64 100
66 32.3 23.8 35.6





#7
 Trichlorofluoromethane
 Concen: 25.098 ug/l
 RT: 1.880 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43

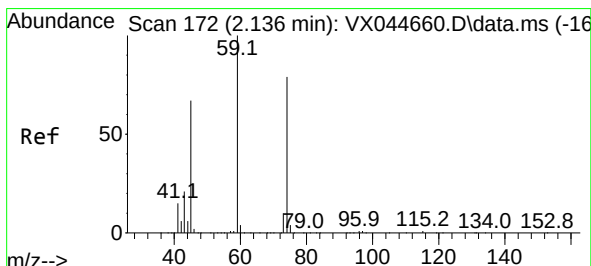
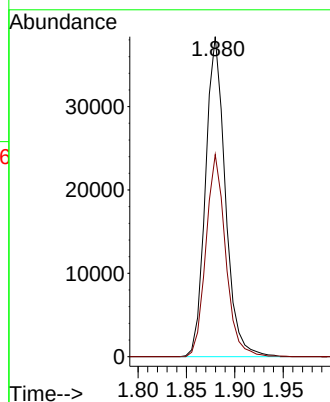
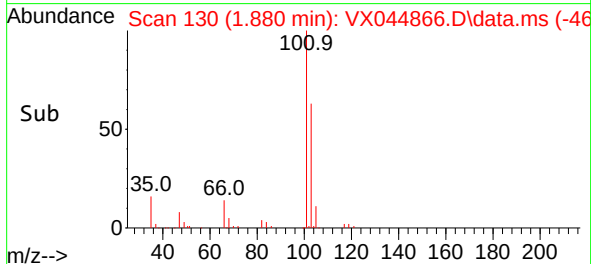
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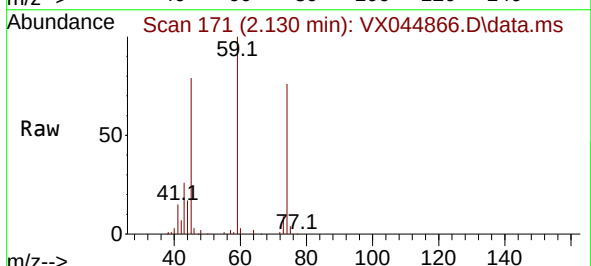
Tgt Ion:101 Resp: 54728
 Ion Ratio Lower Upper
 101 100
 103 63.2 51.1 76.7

Manual Integrations
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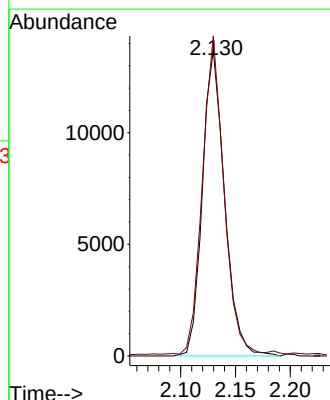
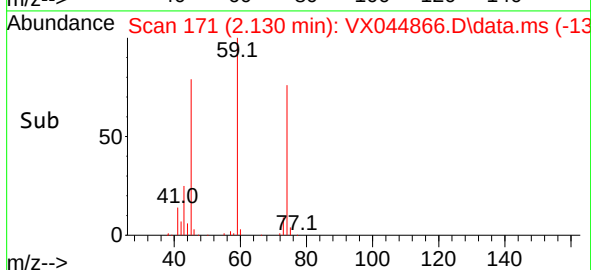
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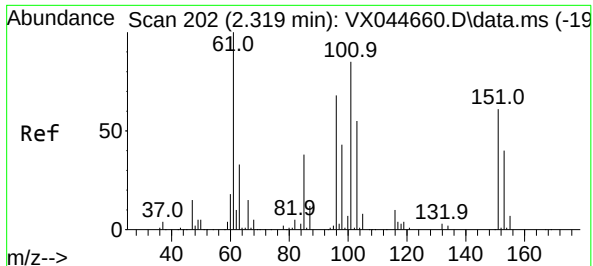


#8
 Diethyl Ether
 Concen: 22.854 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43



Tgt Ion: 74 Resp: 19225
 Ion Ratio Lower Upper
 74 100
 45 101.1 18.8 168.8





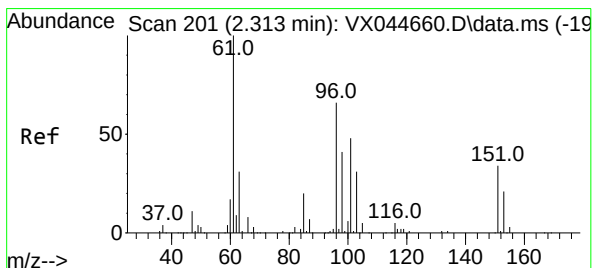
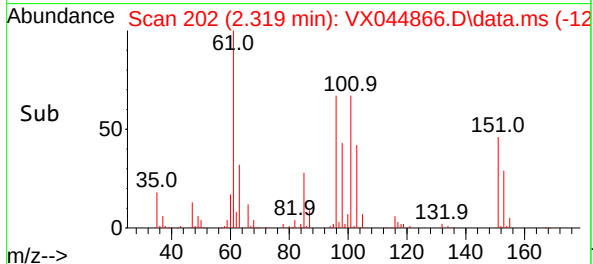
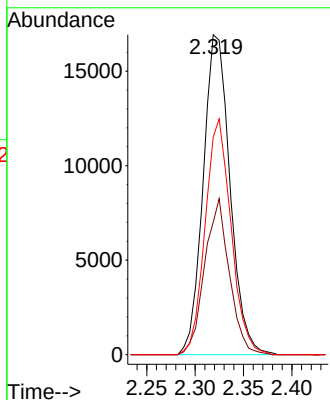
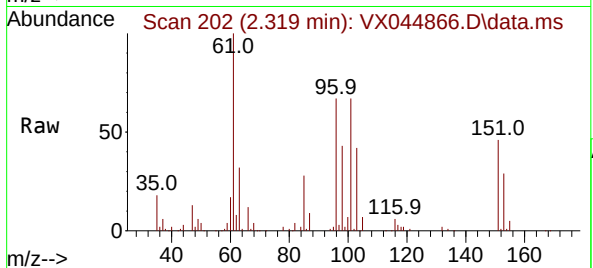
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1,1,2-Trichlorotrifluoroethane
Concen: 21.010 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 3282
Ion Ratio Lower Upper
101 100
85 44.8 0.0 88.0
151 71.0 0.0 147.0

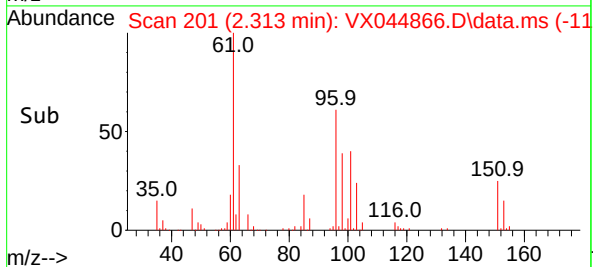
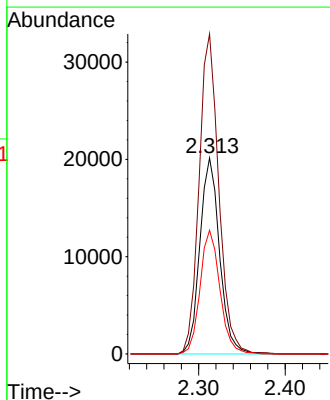
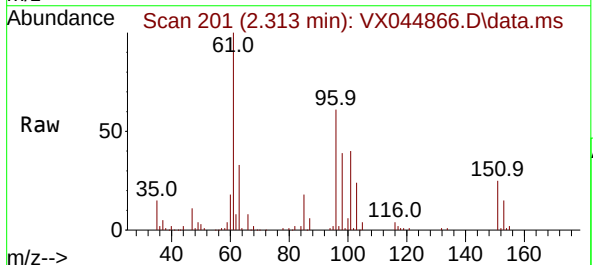
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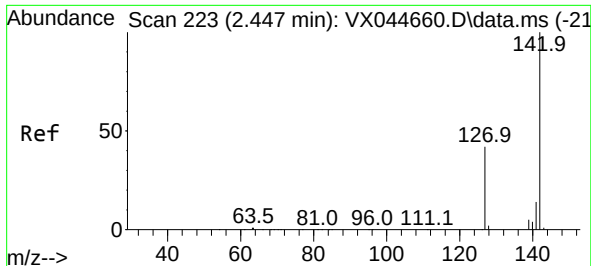
Reviewed By :John Carlone 02/10/2025
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#10
1,1-Dichloroethene
Concen: 19.873 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

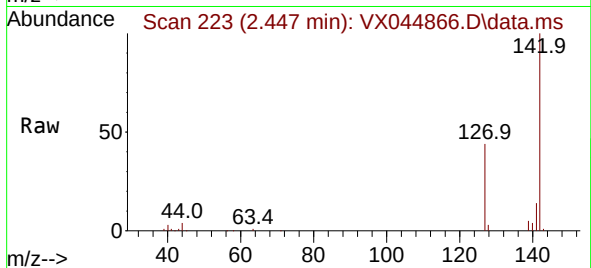
Tgt Ion: 96 Resp: 31939
Ion Ratio Lower Upper
96 100
61 163.2 121.6 182.4
98 63.0 50.3 75.5





#11
Methyl Iodide
Concen: 18.077 ug/l
RT: 2.447 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

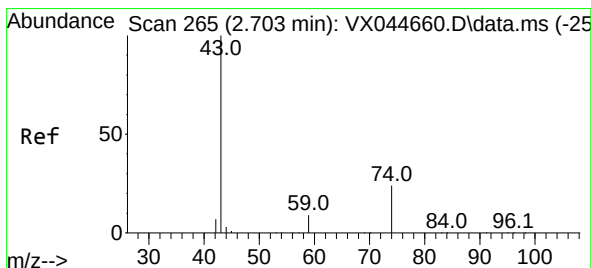
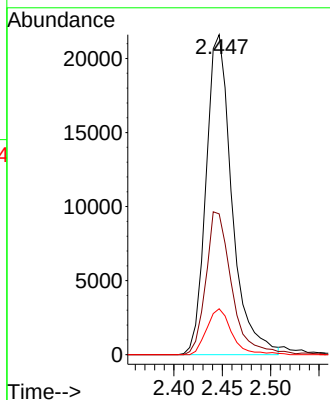
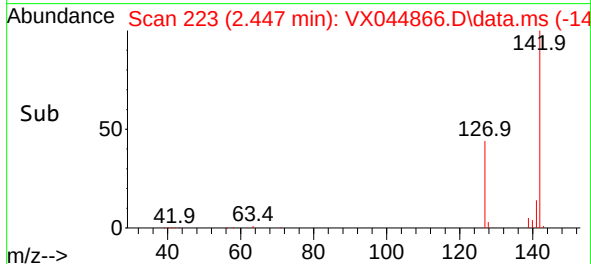
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



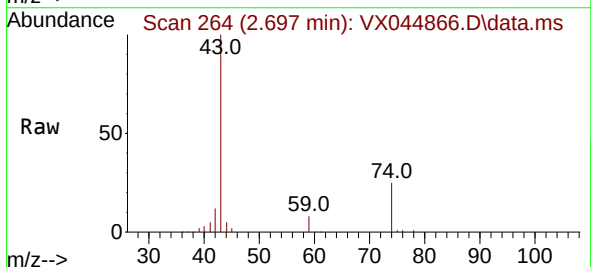
Tgt Ion:142 Resp: 40260
Ion Ratio Lower Upper
142 100
127 44.0 20.8 62.4
141 14.3 7.0 20.9

Manual Integrations
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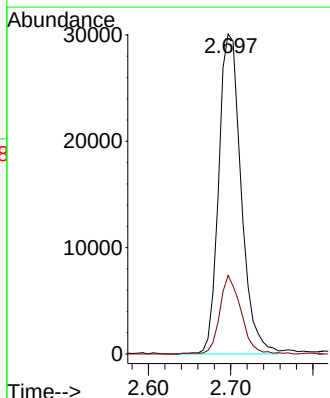
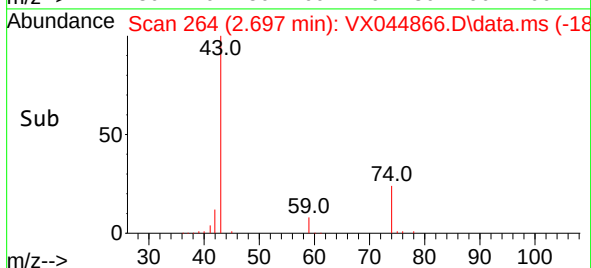
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

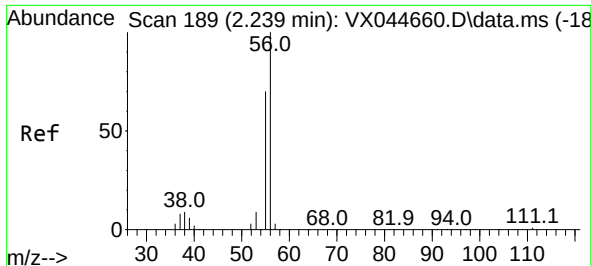


#12
Methyl Acetate
Concen: 24.337 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



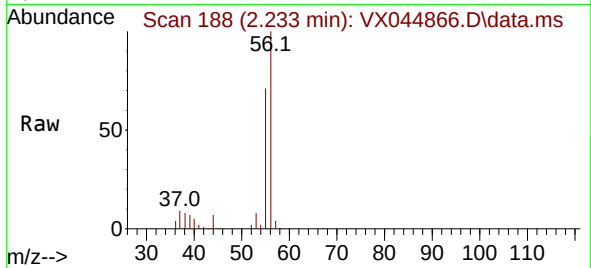
Tgt Ion: 43 Resp: 57105
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2





#13
Acrolein
Concen: 105.853 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

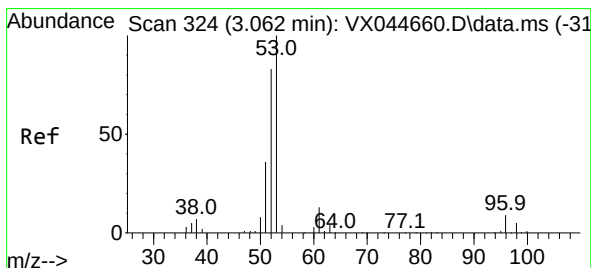
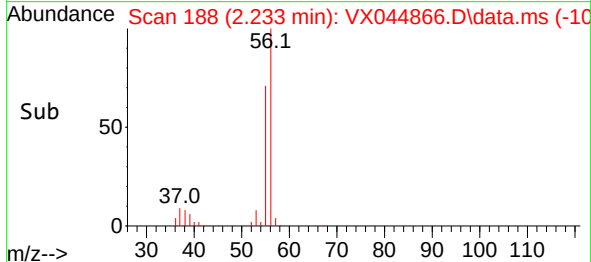
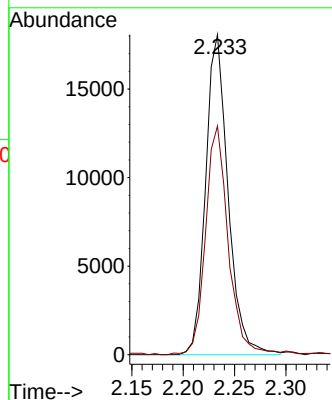
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 56 Resp: 2746
Ion Ratio Lower Upper
56 100
55 72.0 57.5 86.3

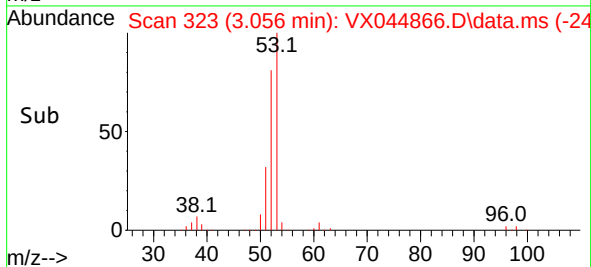
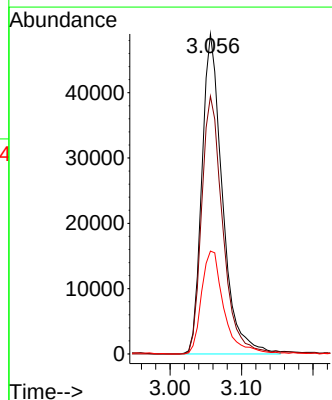
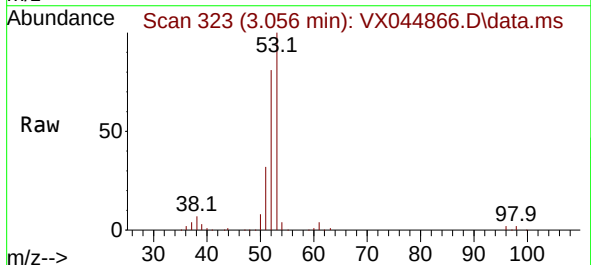
Manual Integrations
APPROVED

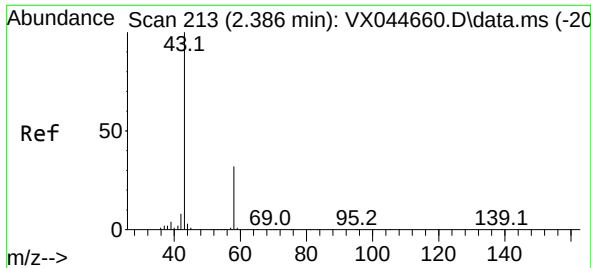
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#14
Acrylonitrile
Concen: 114.803 ug/l
RT: 3.056 min Scan# 323
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 53 Resp: 98157
Ion Ratio Lower Upper
53 100
52 81.7 41.4 124.2
51 34.9 18.1 54.4





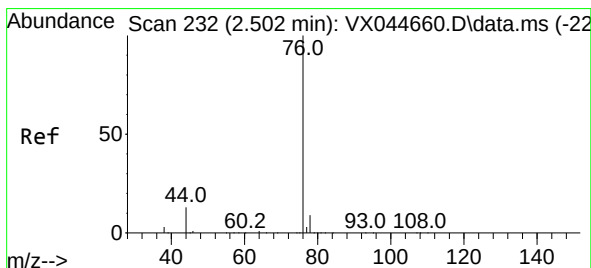
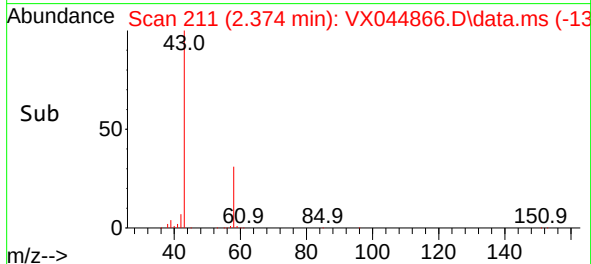
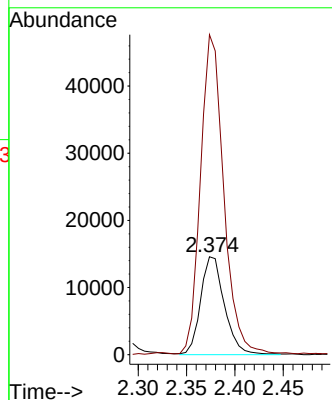
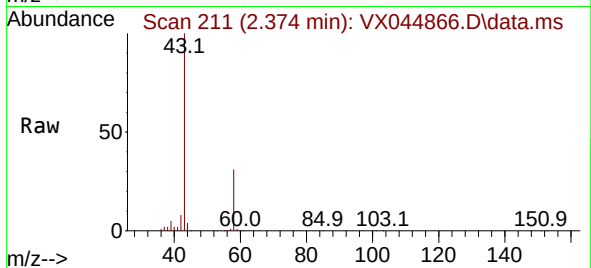
#15
Acetone
Concen: 109.295 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 58 Resp: 2507
Ion Ratio Lower Upper
58 100
43 328.0 251.0 376.4

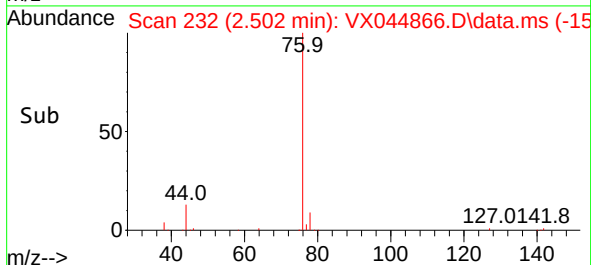
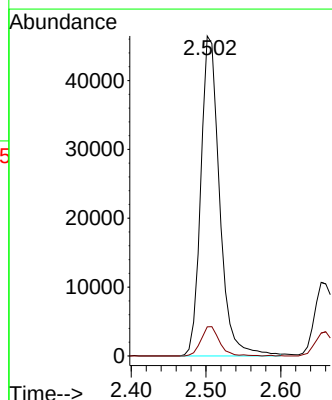
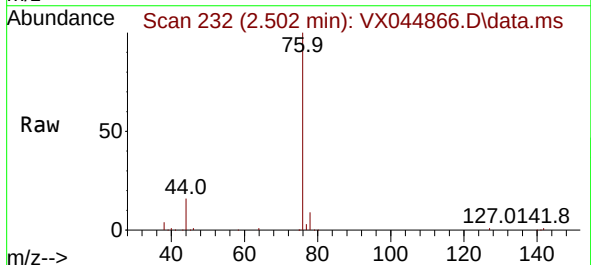
Manual Integrations
APPROVED

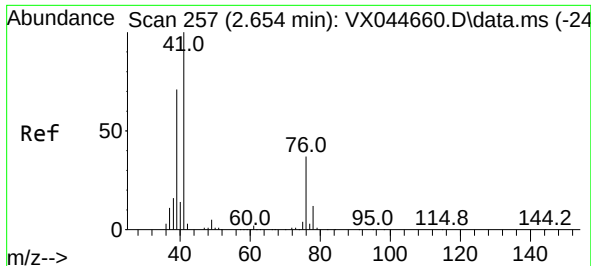
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#16
Carbon Disulfide
Concen: 18.165 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

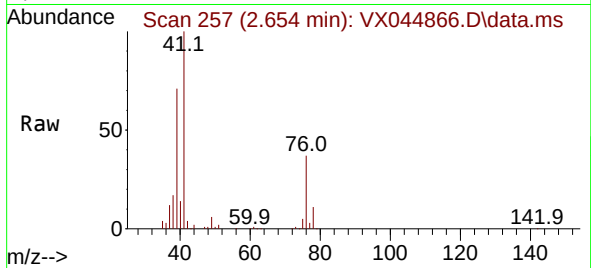
Tgt Ion: 76 Resp: 81136
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9





#17
 Allyl chloride
 Concen: 19.826 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43

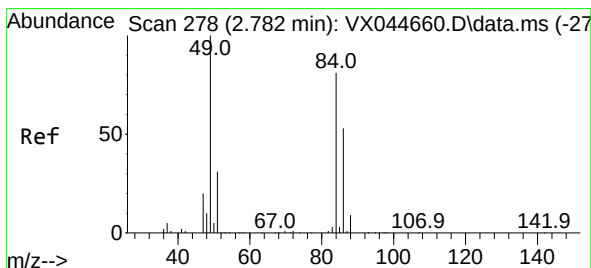
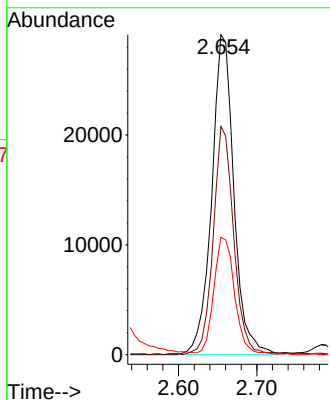
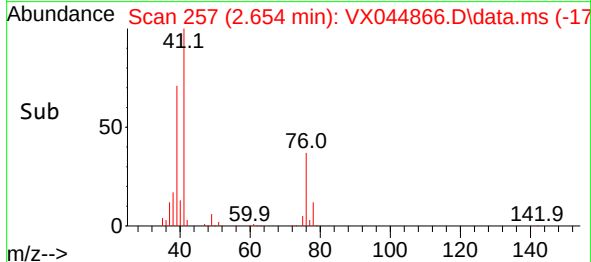
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



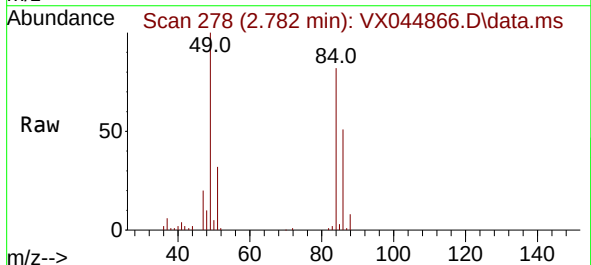
Tgt Ion: 41 Resp: 57464
 Ion Ratio Lower Upper
 41 100
 39 71.0 35.6 106.8
 76 36.5 18.9 56.5

Manual Integrations
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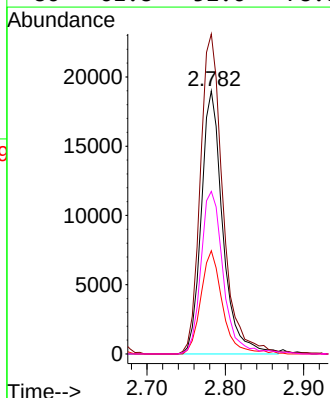
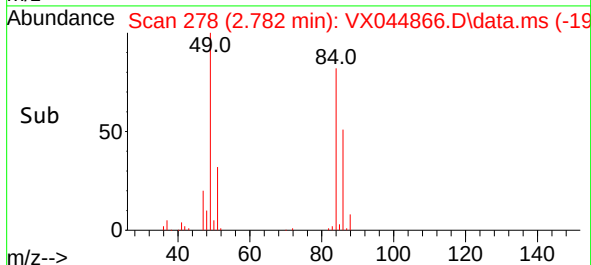
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025

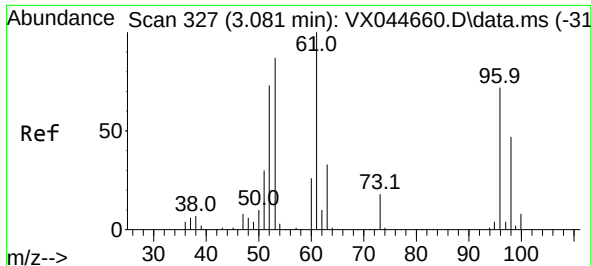


#18
 Methylene Chloride
 Concen: 20.116 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43



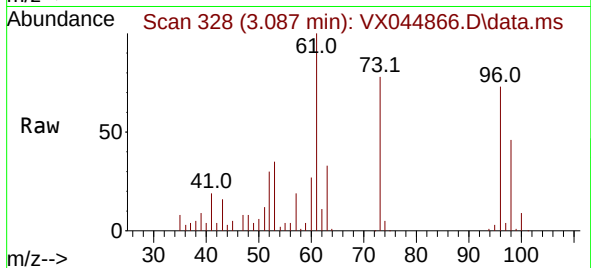
Tgt Ion: 84 Resp: 36181
 Ion Ratio Lower Upper
 84 100
 49 121.7 98.3 147.5
 51 39.3 30.6 46.0
 86 61.8 52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 19.387 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

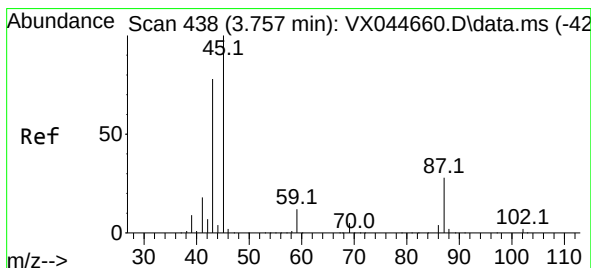
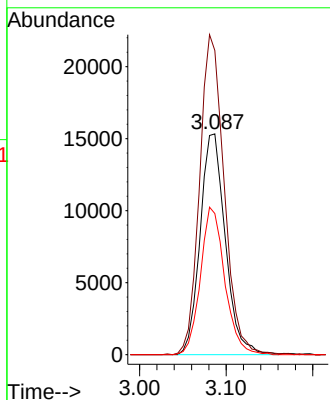
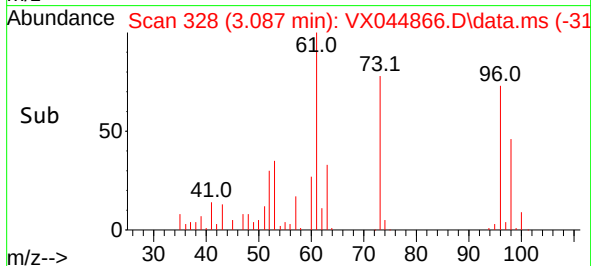
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



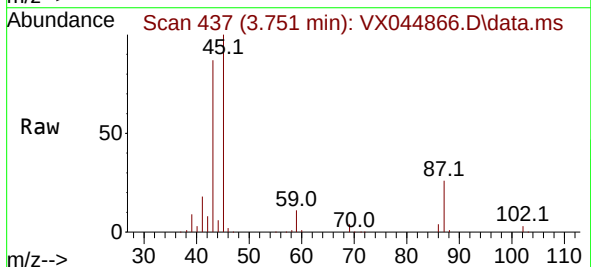
Tgt Ion: 96 Resp: 3098
Ion Ratio Lower Upper
96 100
61 137.2 111.5 167.3
98 63.9 52.6 79.0

Manual Integrations
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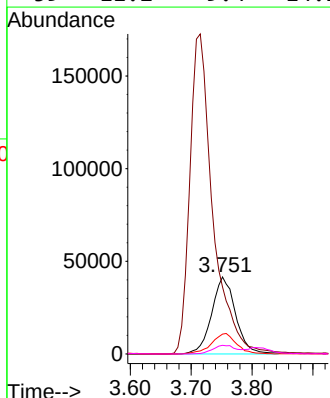
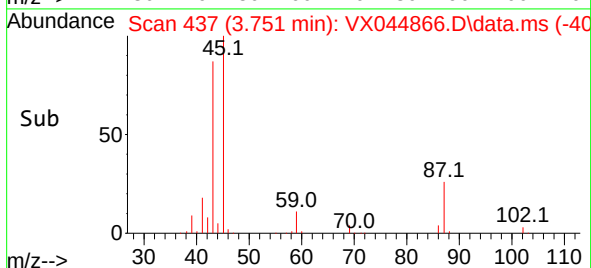
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

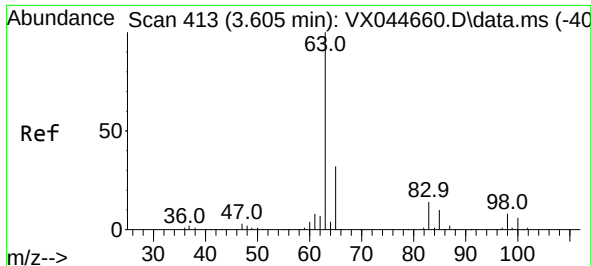


#20
Diisopropyl ether
Concen: 21.526 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



Tgt Ion: 45 Resp: 113243
Ion Ratio Lower Upper
45 100
43 84.5 62.6 94.0
87 25.8 22.7 34.1
59 11.2 9.4 14.2





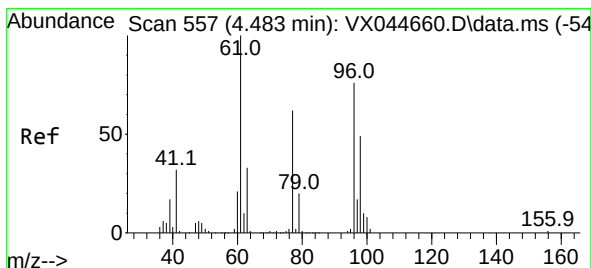
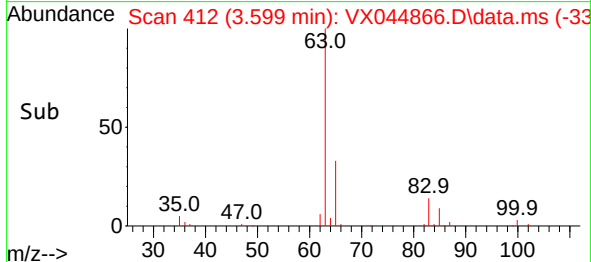
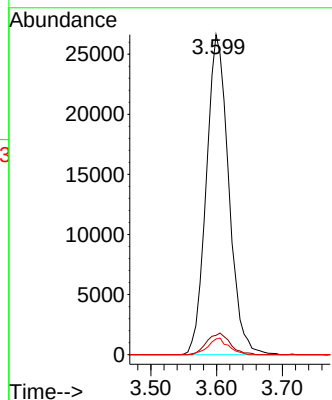
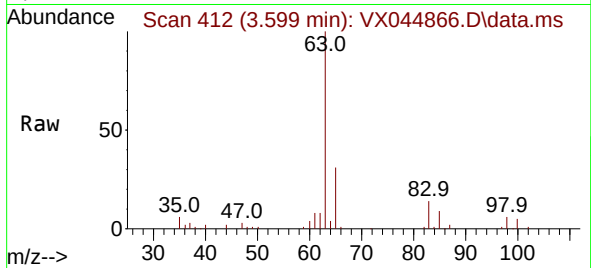
#21
1,1-Dichloroethane
Concen: 20.229 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 63130
Ion Ratio Lower Upper
63 100
98 6.0 4.0 11.9
100 4.9 2.8 8.3

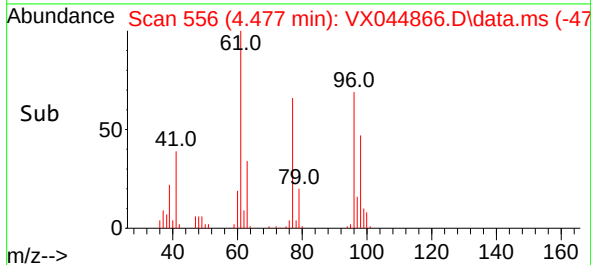
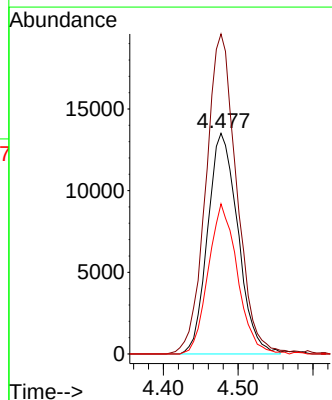
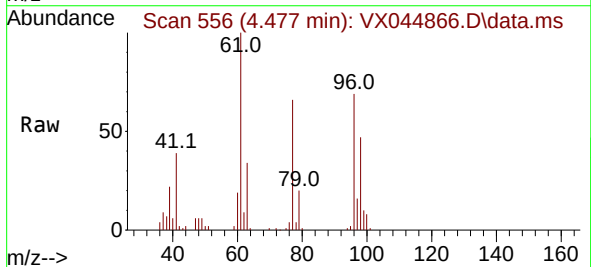
Manual Integrations
APPROVED

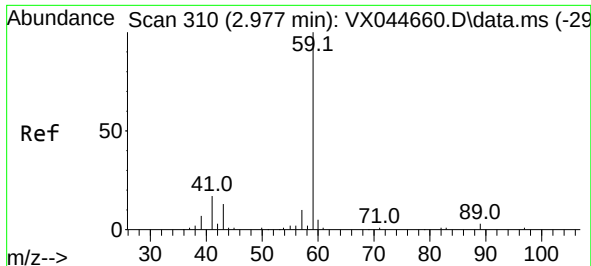
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#22
cis-1,2-Dichloroethene
Concen: 19.247 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 96 Resp: 38071
Ion Ratio Lower Upper
96 100
61 147.4 115.2 172.8
98 65.3 51.8 77.6





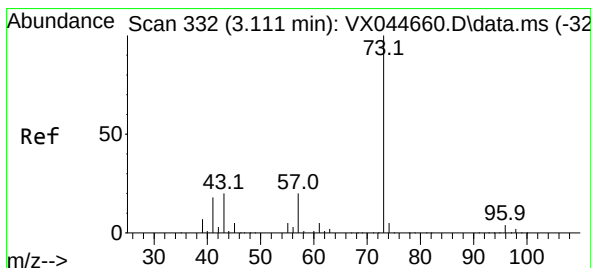
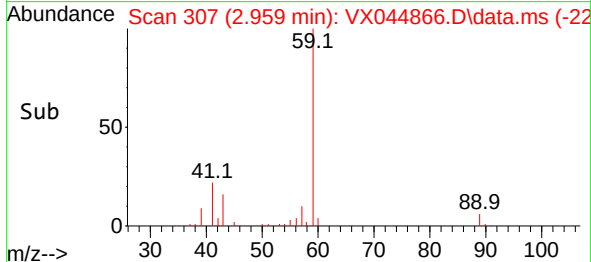
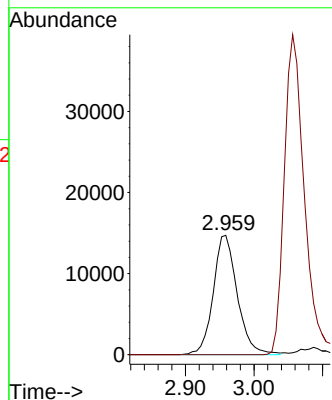
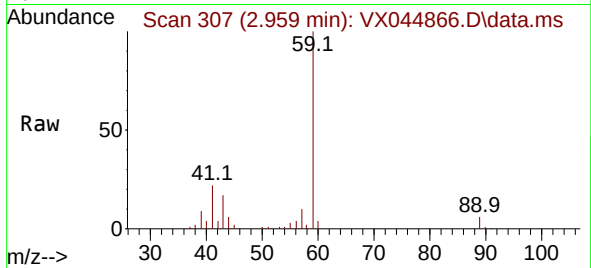
#23
tert-Butyl Alcohol
Concen: 86.688 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 35849
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

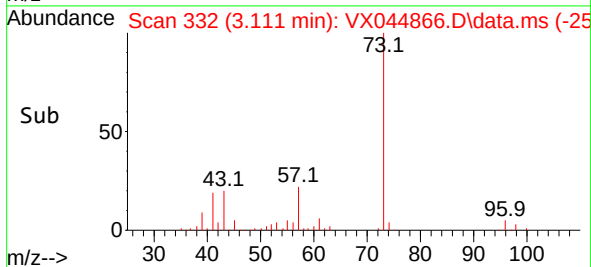
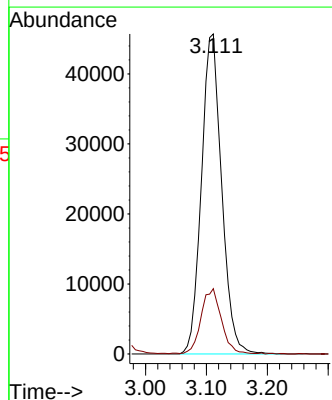
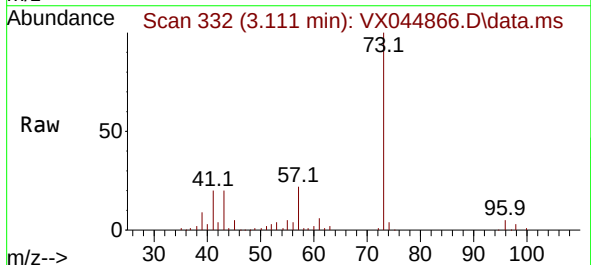
Manual Integrations
APPROVED

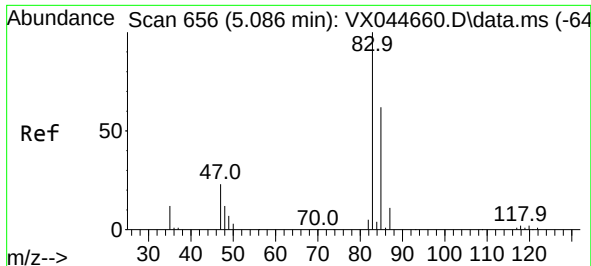
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#24
Methyl tert-Butyl Ether
Concen: 18.954 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 73 Resp: 105548
Ion Ratio Lower Upper
73 100
43 20.4 16.9 25.3





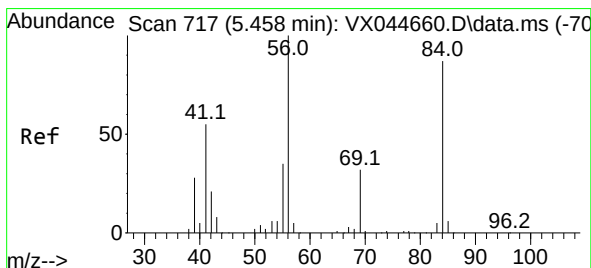
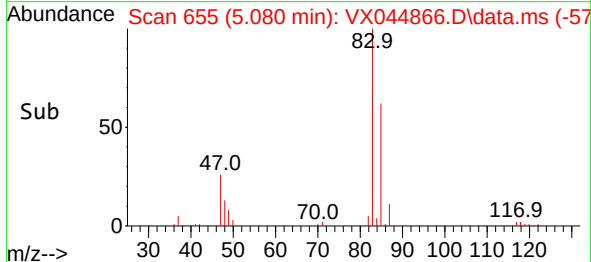
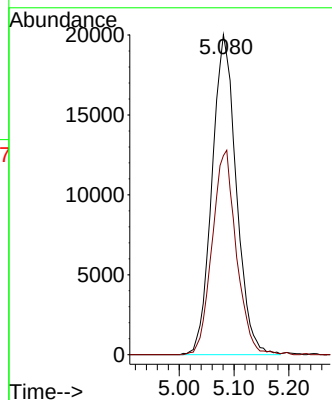
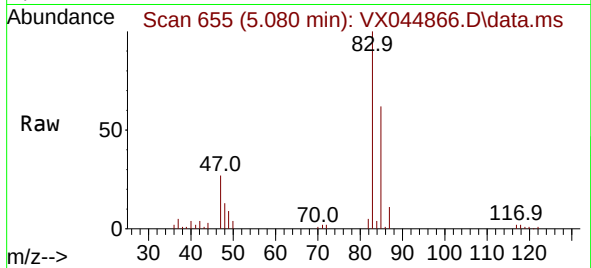
#25
Chloroform
Concen: 19.874 ug/l
RT: 5.080 min Scan# 612
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 6162
Ion Ratio Lower Upper
83 100
85 62.2 49.4 74.2

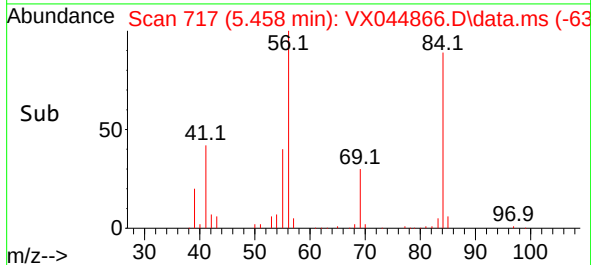
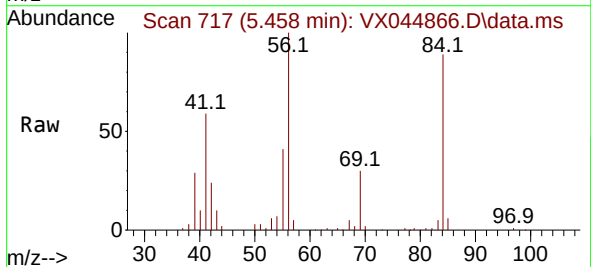
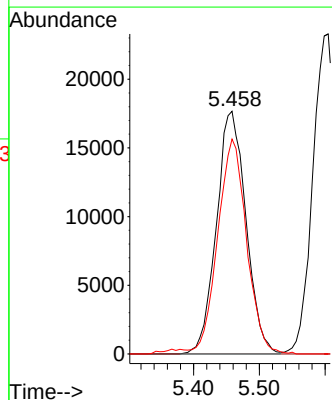
Manual Integrations
APPROVED

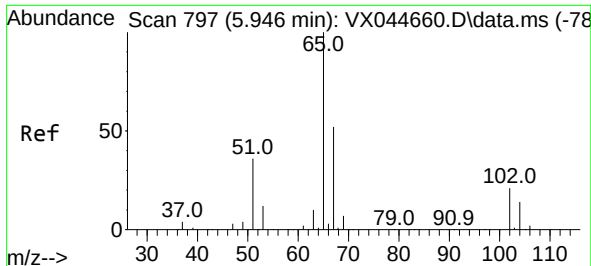
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#26
Cyclohexane
Concen: 21.074 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 56 Resp: 55273
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 86.4 72.2 108.4





#27

1,2-Dichloroethane-d4

Concen: 28.211 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 5926

Ion Ratio Lower Upper

65 100

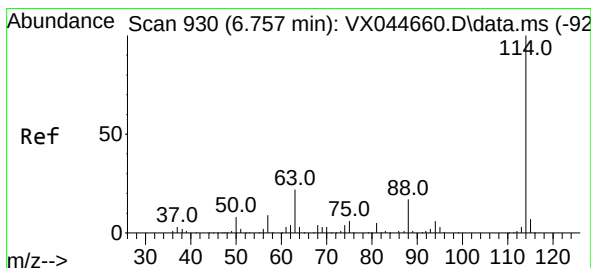
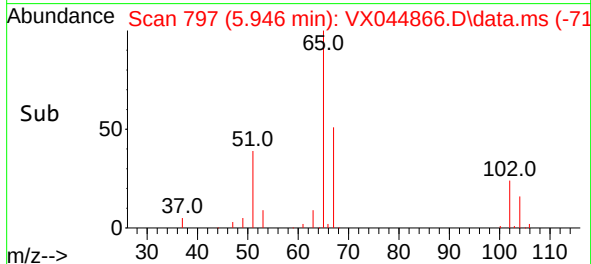
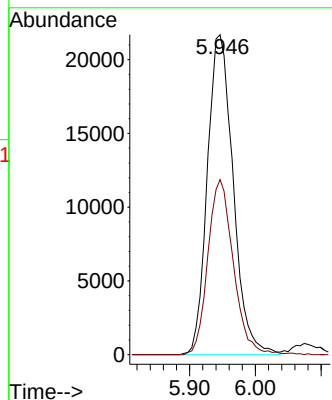
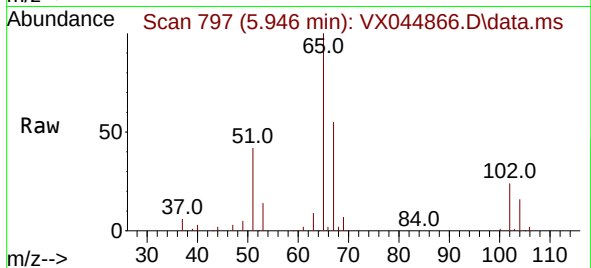
67 53.9 41.4 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

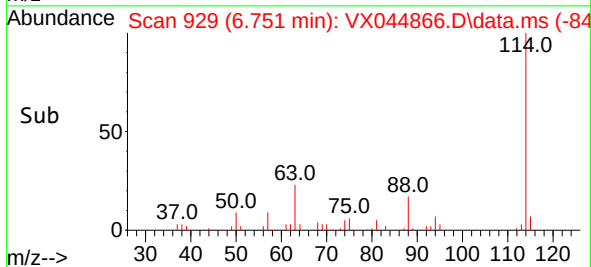
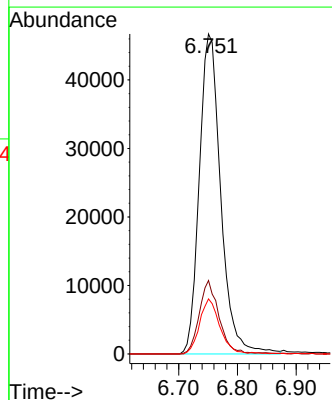
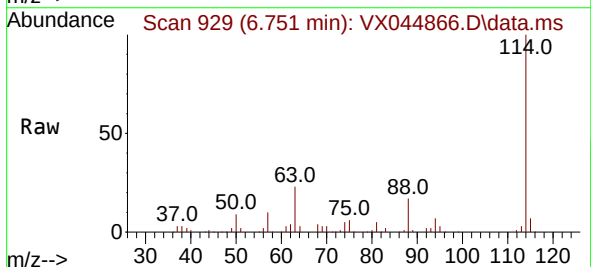
Tgt Ion:114 Resp: 118610

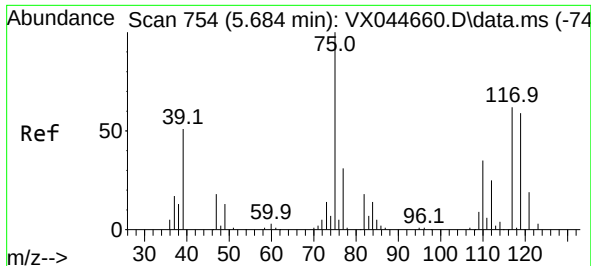
Ion Ratio Lower Upper

114 100

63 21.0 16.6 24.8

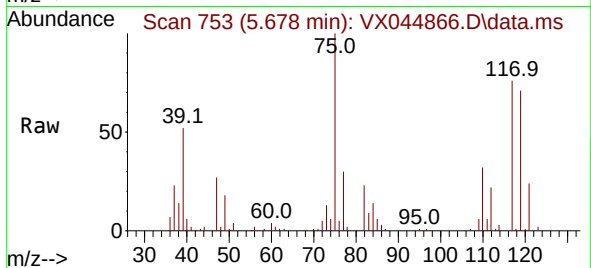
88 16.1 13.4 20.2





#29
1,1-Dichloropropene
Concen: 20.737 ug/l
RT: 5.678 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

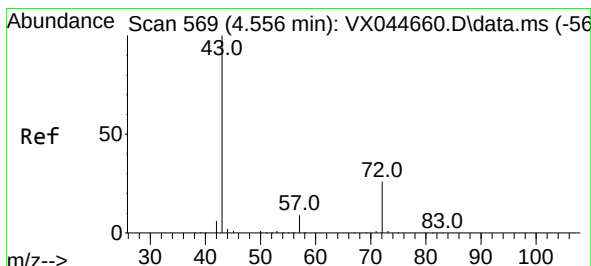
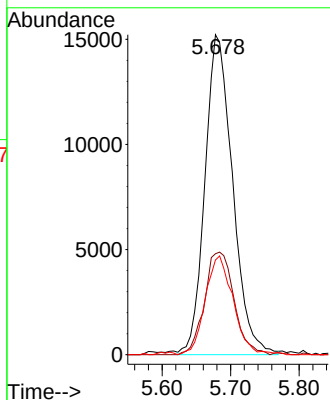
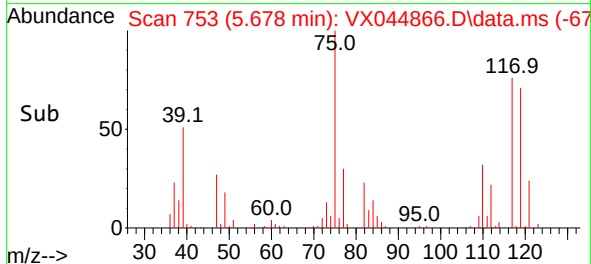
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 4278
Ion Ratio Lower Upper
75 100
110 34.1 0.0 69.4
77 30.6 0.0 59.8

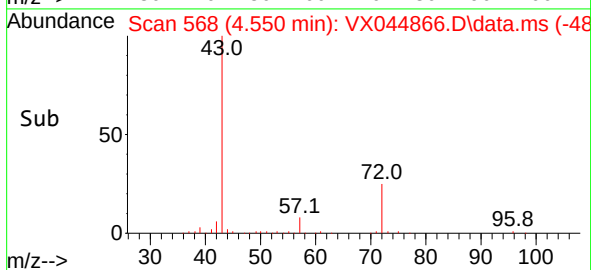
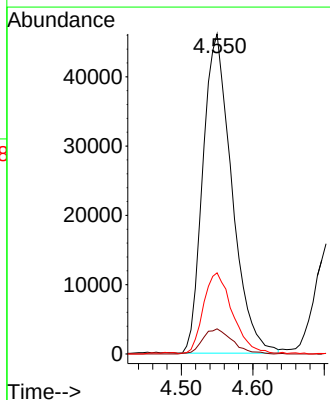
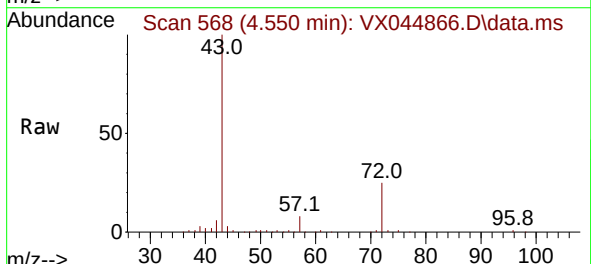
Manual Integrations
APPROVED

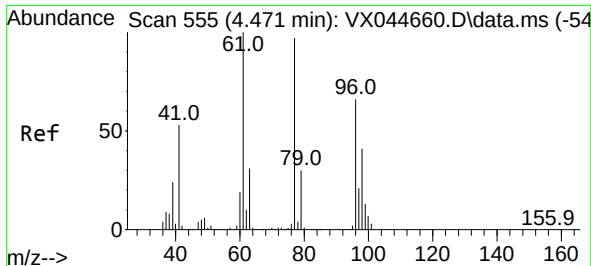
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#30
2-Butanone
Concen: 114.176 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

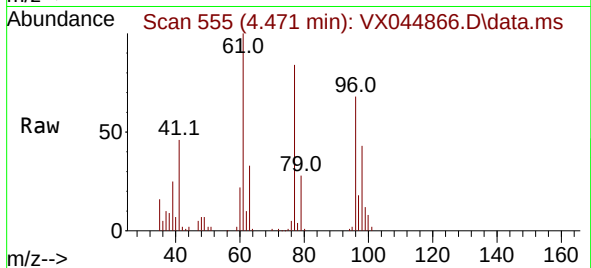
Tgt Ion: 43 Resp: 129395
Ion Ratio Lower Upper
43 100
57 8.0 6.4 9.6
72 25.6 21.5 32.3





#31
2,2-Dichloropropane
Concen: 17.447 ug/l
RT: 4.471 min Scan# 511
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

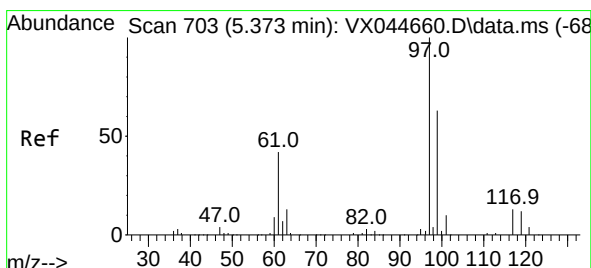
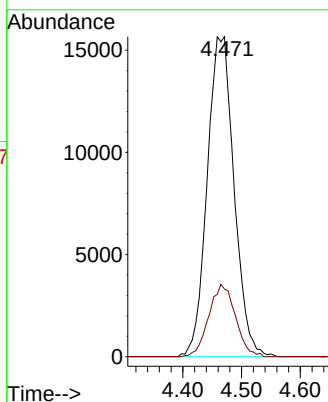
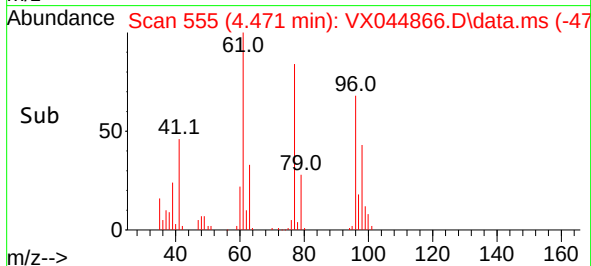
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



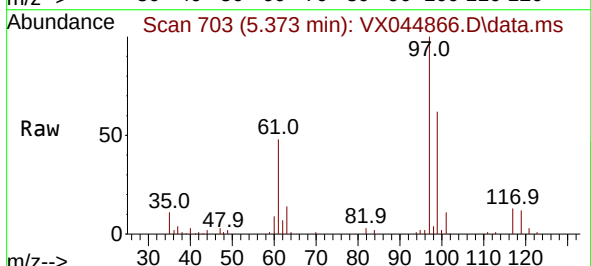
Tgt Ion: 77 Resp: 49809
Ion Ratio Lower Upper
77 100
97 22.4 18.6 27.8

Manual Integrations
APPROVED

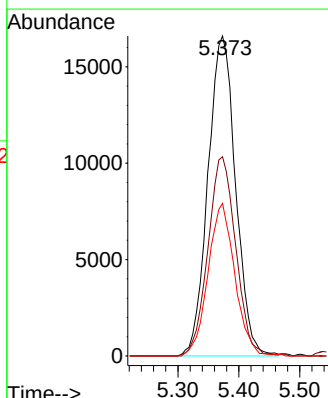
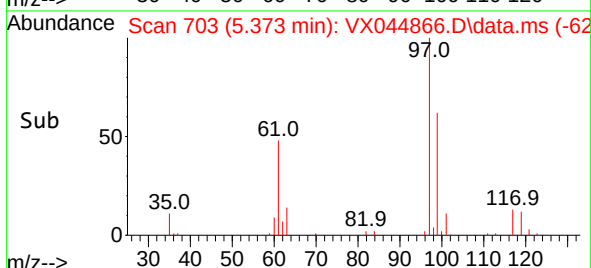
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

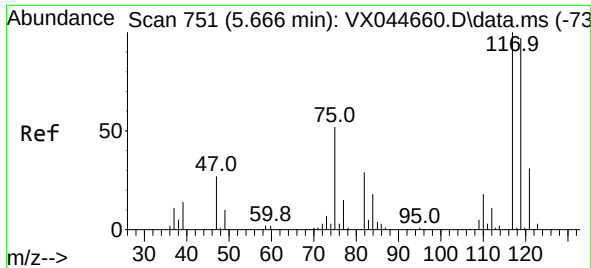


#32
1,1,1-Trichloroethane
Concen: 19.161 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



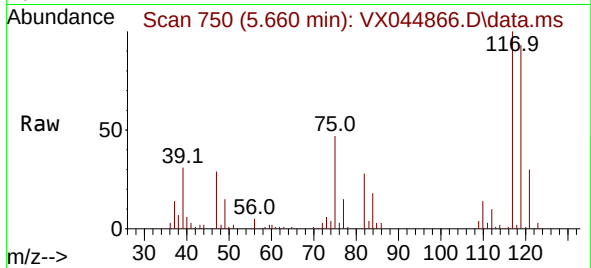
Tgt Ion: 97 Resp: 52386
Ion Ratio Lower Upper
97 100
99 62.2 50.5 75.7
61 45.9 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.379 ug/l
RT: 5.660 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

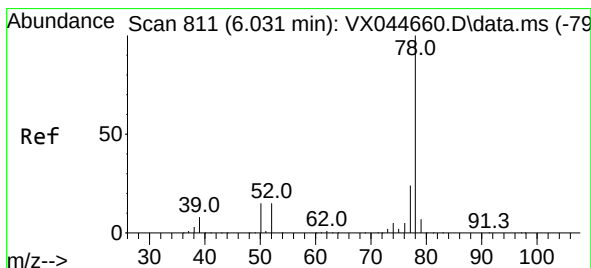
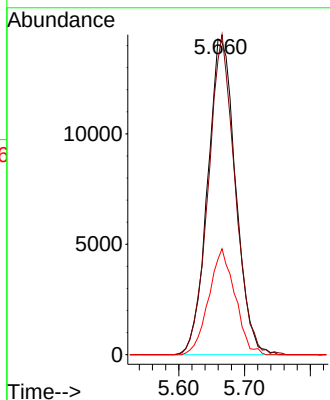
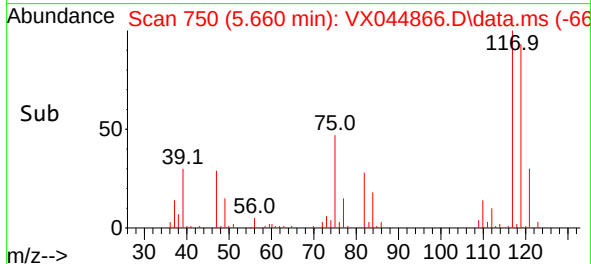
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 42388
Ion Ratio Lower Upper
117 100
119 93.1 77.3 115.9
121 30.3 24.6 37.0

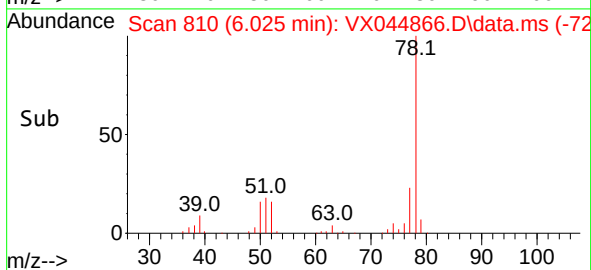
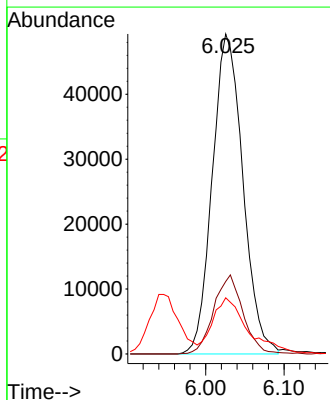
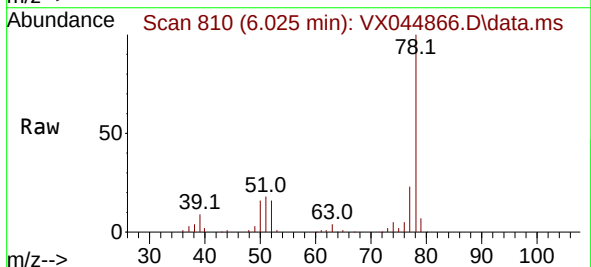
Manual Integrations
APPROVED

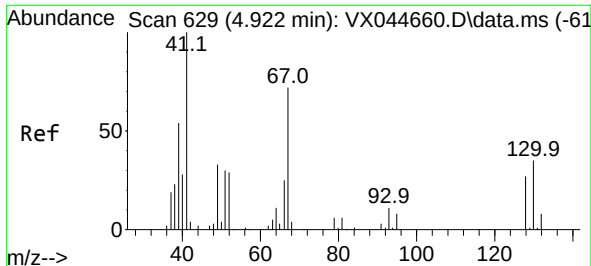
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#34
Benzene
Concen: 20.302 ug/l
RT: 6.025 min Scan# 810
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

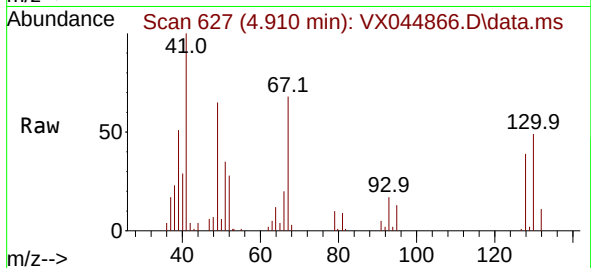
Tgt Ion: 78 Resp: 133629
Ion Ratio Lower Upper
78 100
77 22.7 19.3 28.9
51 15.2 12.7 19.1





#35
Methacrylonitrile
Concen: 22.086 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

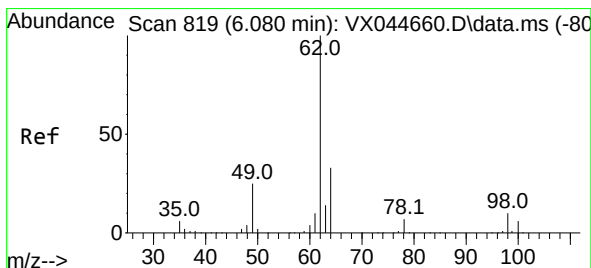
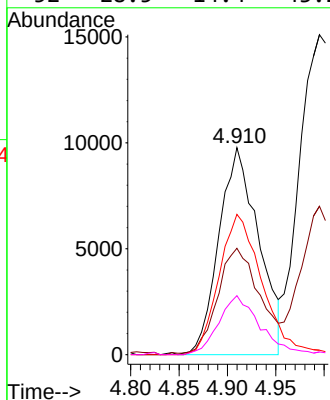
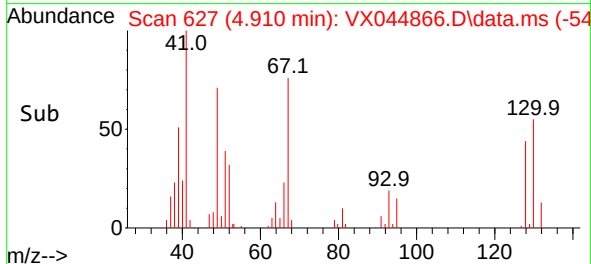
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 2797
Ion Ratio Lower Upper
41 100
39 50.6 27.1 81.3
67 67.8 35.8 107.4
52 28.5 14.4 43.2

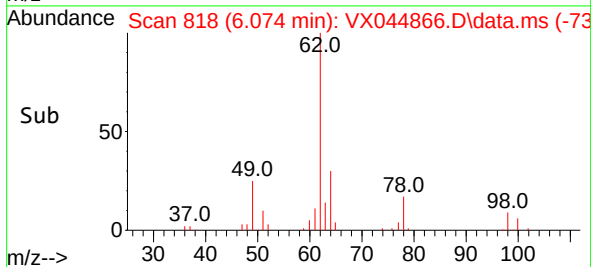
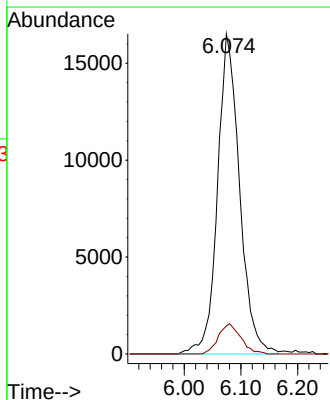
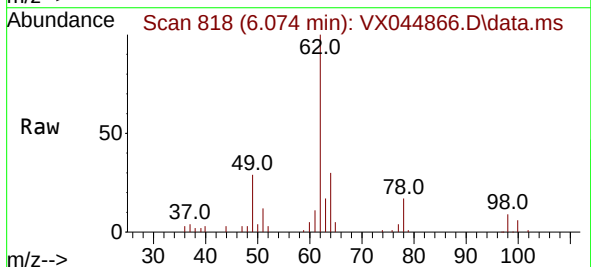
Manual Integrations
APPROVED

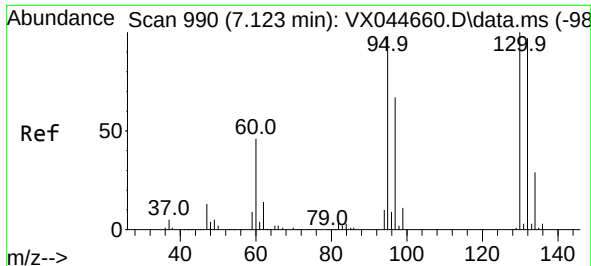
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#36
1,2-Dichloroethane
Concen: 18.975 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

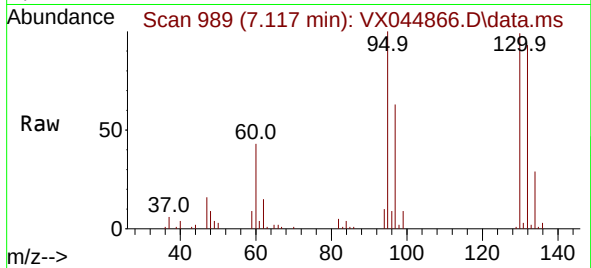
Tgt Ion: 62 Resp: 44655
Ion Ratio Lower Upper
62 100
98 9.3 7.4 11.2





#37
Trichloroethene
Concen: 19.308 ug/l
RT: 7.117 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

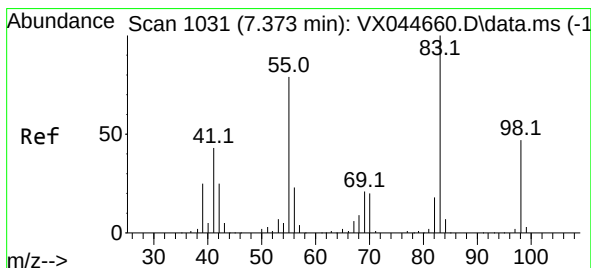
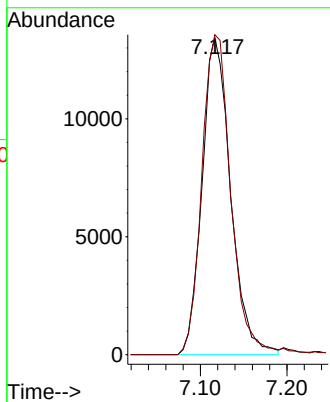
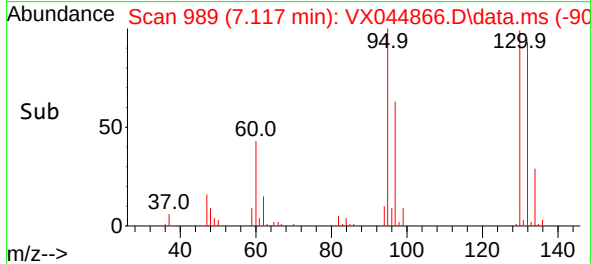
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



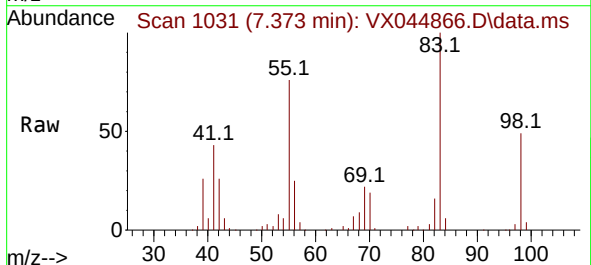
Tgt Ion:130 Resp: 30684
Ion Ratio Lower Upper
130 100
95 100.9 78.2 117.4

Manual Integrations
APPROVED

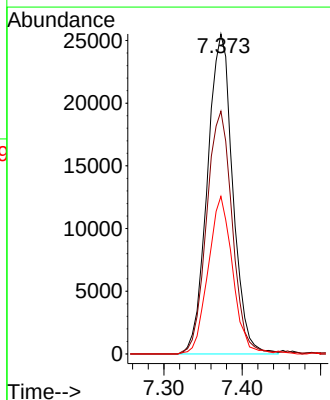
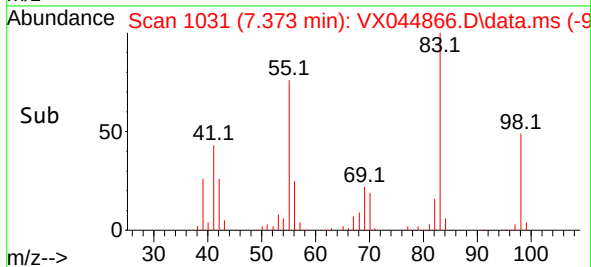
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

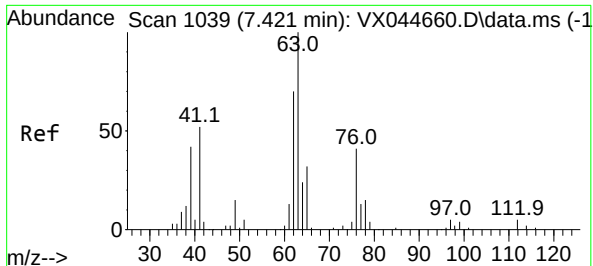


#38
Methylcyclohexane
Concen: 20.480 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



Tgt Ion: 83 Resp: 57407
Ion Ratio Lower Upper
83 100
55 76.6 38.4 115.2
98 47.4 24.4 73.4





#39

1,2-Dichloropropane

Concen: 20.540 ug/l

RT: 7.421 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 33714

Ion Ratio Lower Upper

63 100

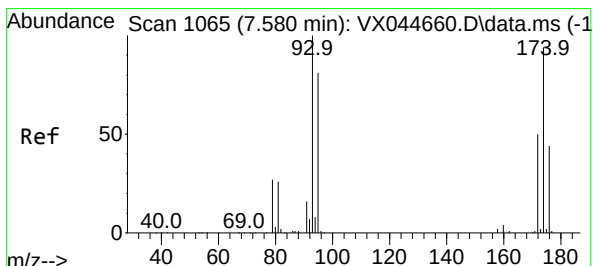
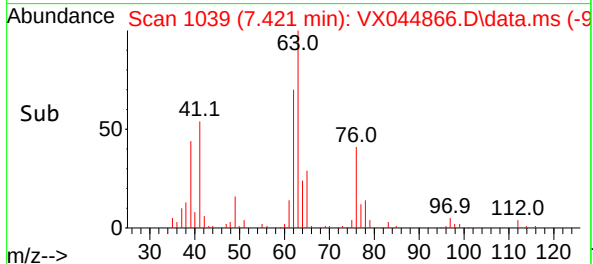
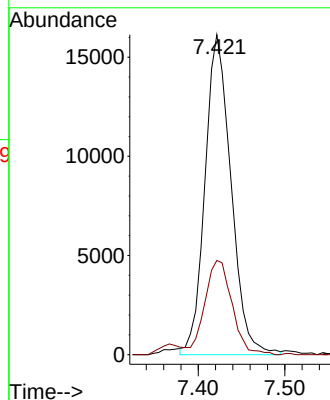
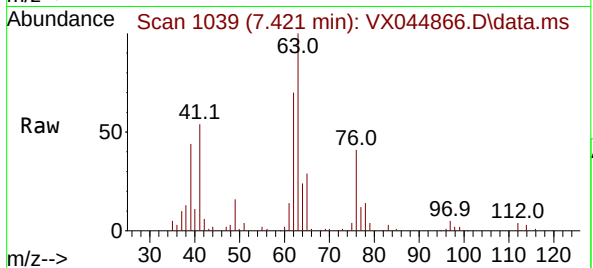
65 29.7 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#40

Dibromomethane

Concen: 19.439 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

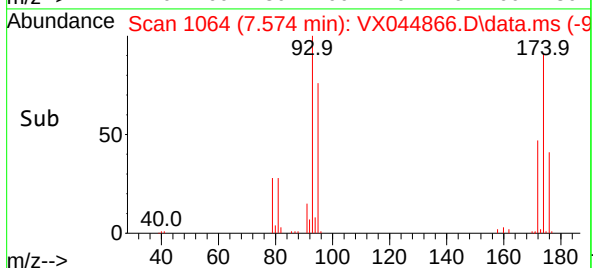
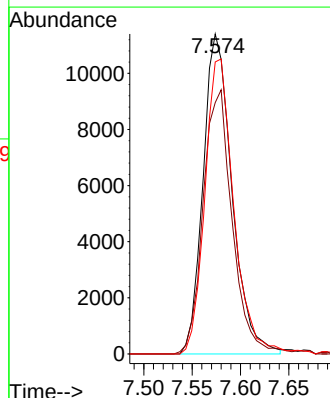
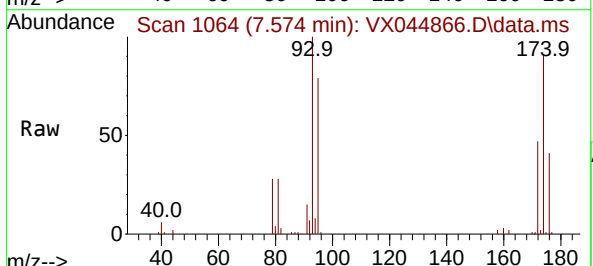
Tgt Ion: 93 Resp: 23720

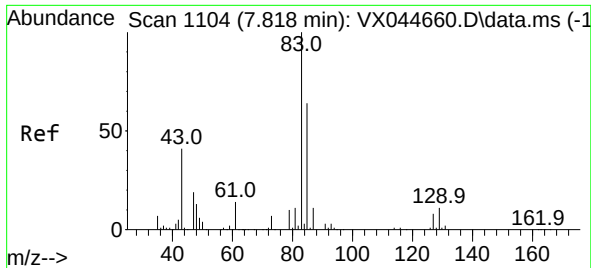
Ion Ratio Lower Upper

93 100

95 83.0 0.0 167.0

174 91.9 0.0 182.0





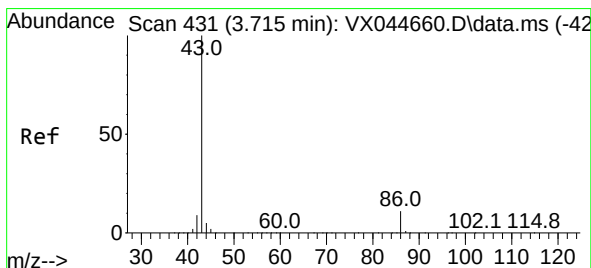
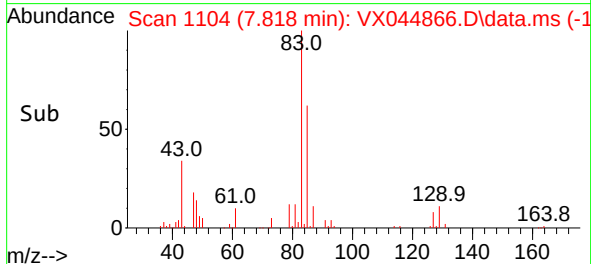
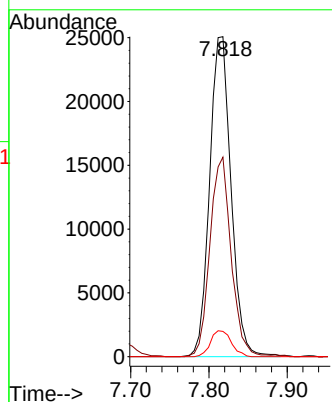
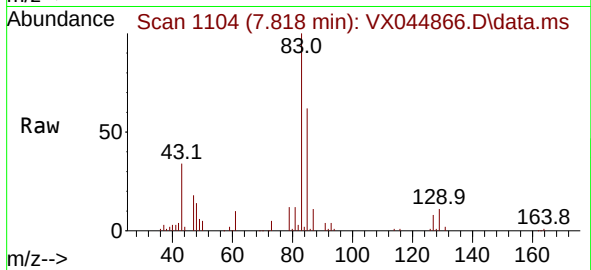
#41
Bromodichloromethane
Concen: 18.926 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 47680
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3
127 7.9 6.5 9.7

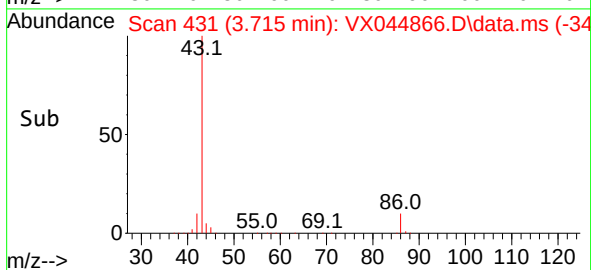
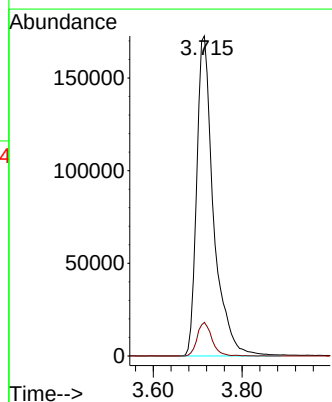
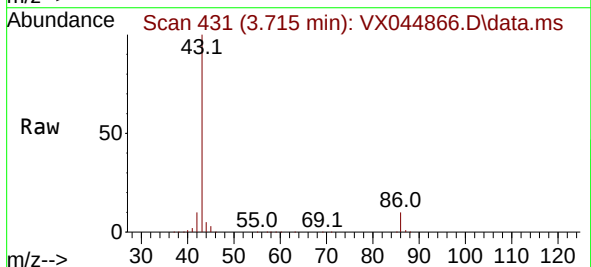
Manual Integrations
APPROVED

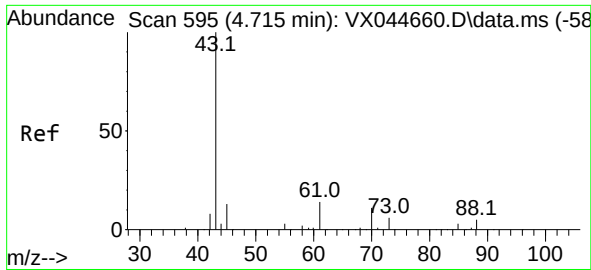
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#42
Vinyl Acetate
Concen: 101.045 ug/l
RT: 3.715 min Scan# 431
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 43 Resp: 454774
Ion Ratio Lower Upper
43 100
86 9.1 8.0 12.0





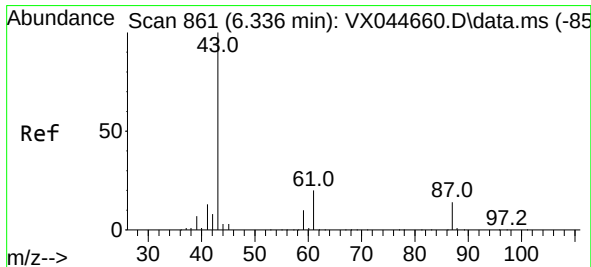
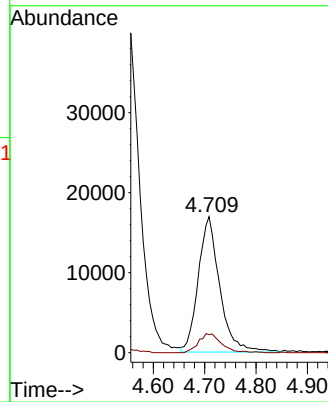
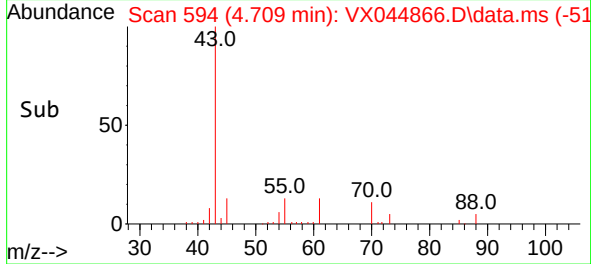
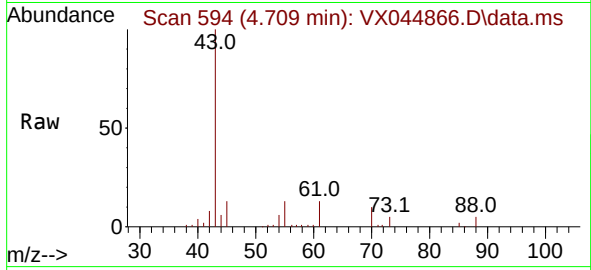
#43
Ethyl Acetate
Concen: 22.112 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 4915
Ion Ratio Lower Upper
43 100
45 14.6 0.1 0.1

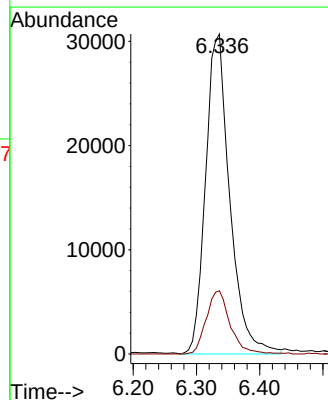
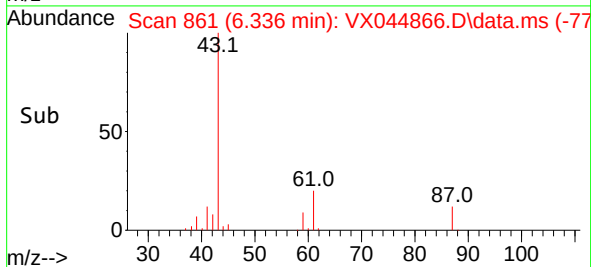
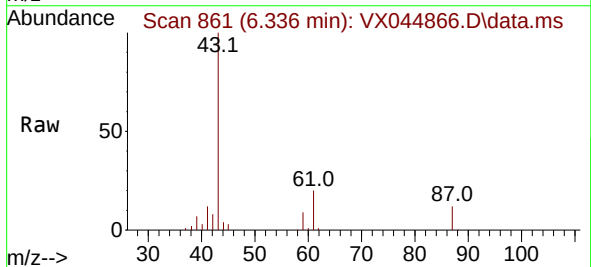
Manual Integrations
APPROVED

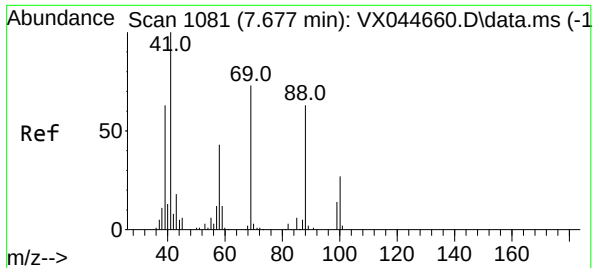
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#44
Isopropyl Acetate
Concen: 20.486 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

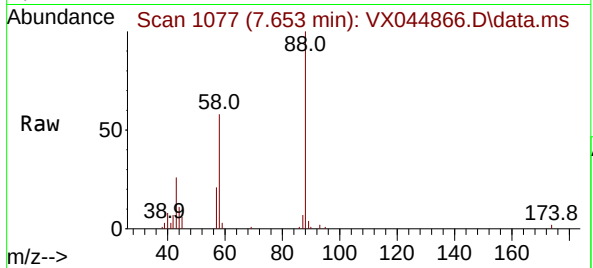
Tgt Ion: 43 Resp: 81817
Ion Ratio Lower Upper
43 100
61 19.3 16.2 24.4





#45
1,4-Dioxane
Concen: 387.270 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.024 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

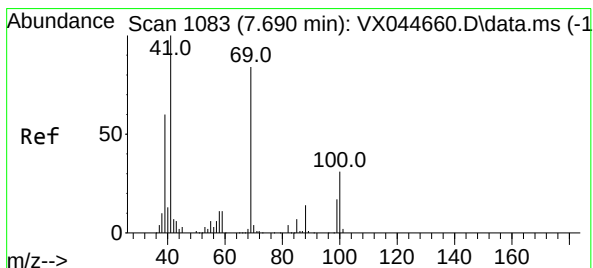
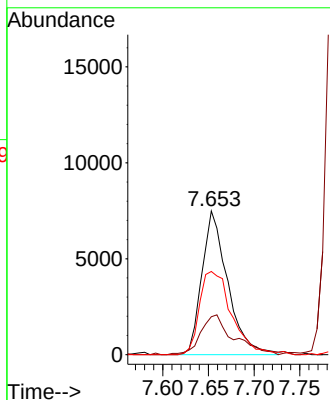
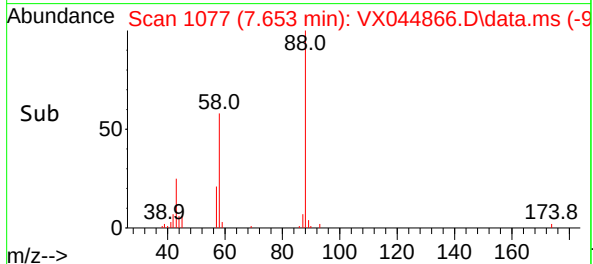
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 88 Resp: 14728
Ion Ratio Lower Upper
88 100
43 27.1 25.9 38.9
58 71.9 58.9 88.3

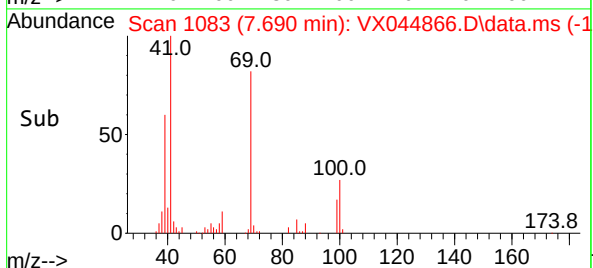
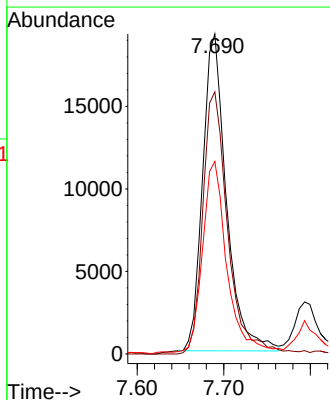
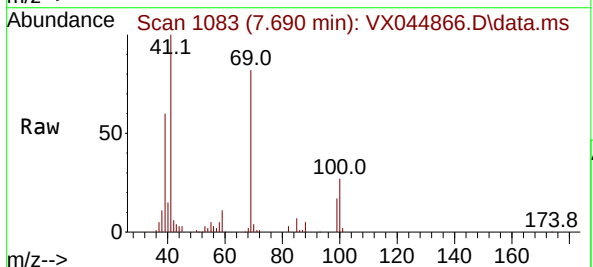
Manual Integrations
APPROVED

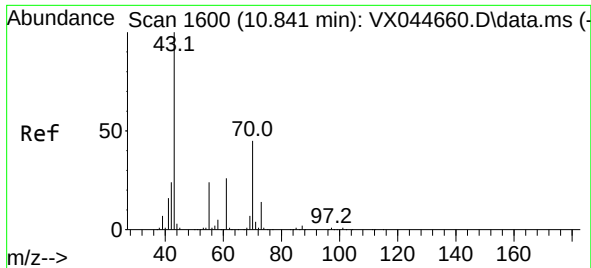
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#46
Methyl methacrylate
Concen: 18.721 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

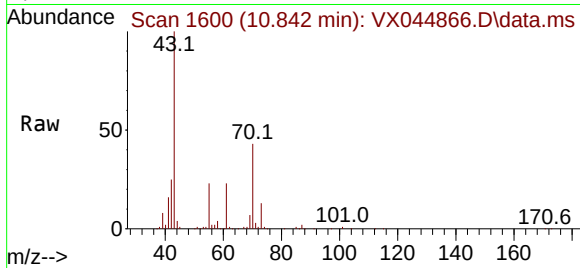
Tgt Ion: 41 Resp: 36598
Ion Ratio Lower Upper
41 100
69 82.7 41.9 125.7
39 60.0 30.1 90.3





#47
n-amy1 Acetate
Concen: 22.253 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

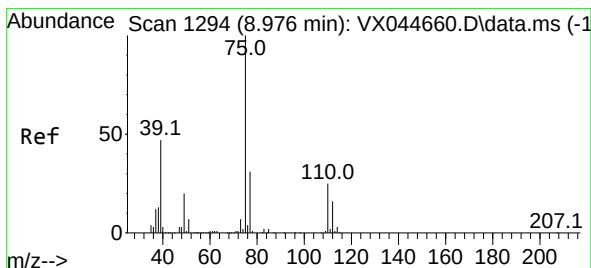
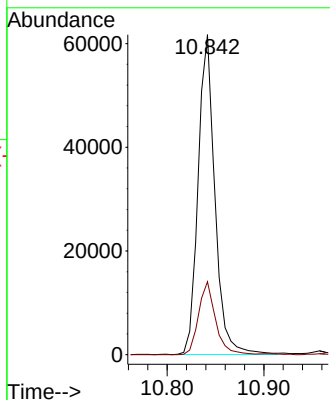
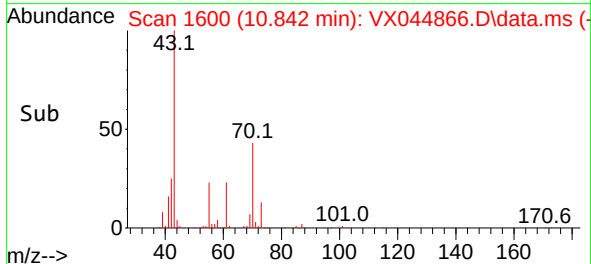
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 7458
Ion Ratio Lower Upper
43 100
55 23.1 18.9 28.3

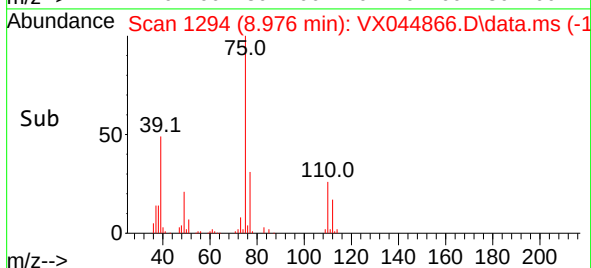
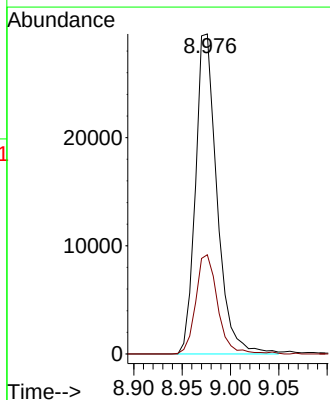
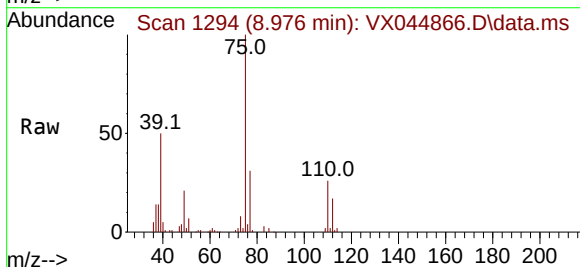
Manual Integrations
APPROVED

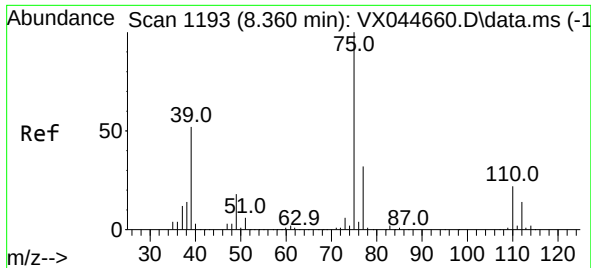
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#48
t-1,3-Dichloropropene
Concen: 17.302 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 75 Resp: 46014
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 18.475 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 75 Resp: 52684

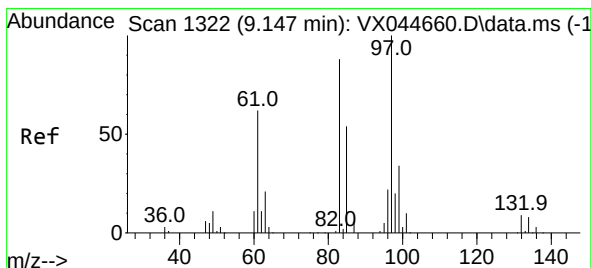
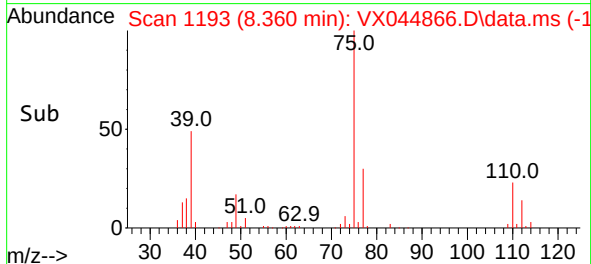
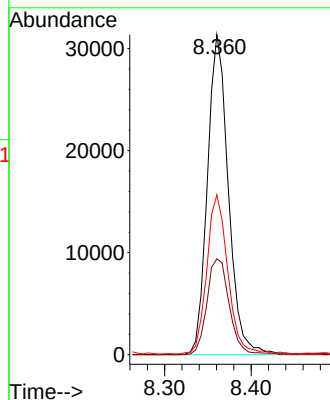
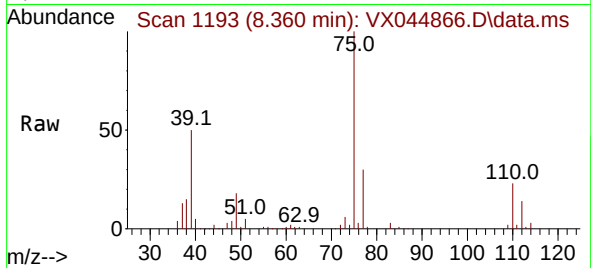
Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.4	38.0
39	49.7	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#50

1,1,2-Trichloroethane

Concen: 20.816 ug/l

RT: 9.147 min Scan# 1322

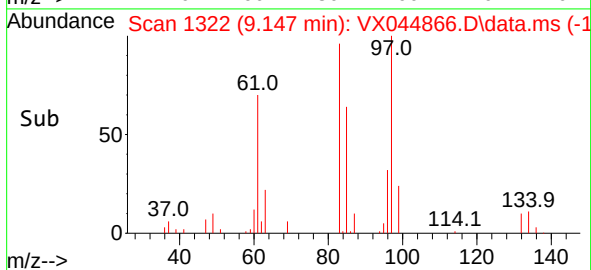
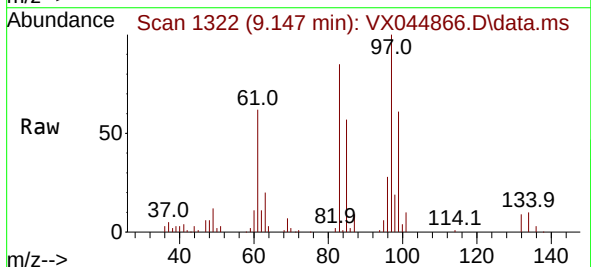
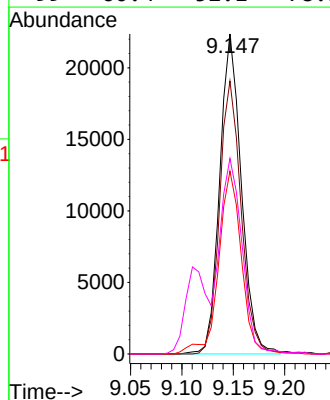
Delta R.T. 0.000 min

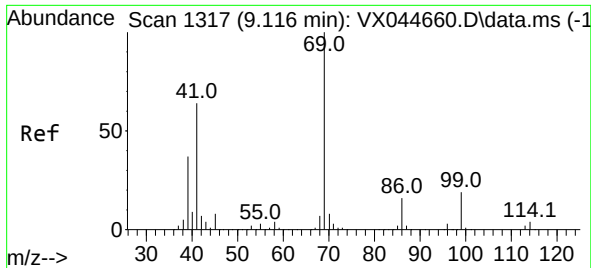
Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Tgt Ion: 97 Resp: 32714

Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.2	103.8
85	56.7	44.8	67.2
99	60.4	52.1	78.1





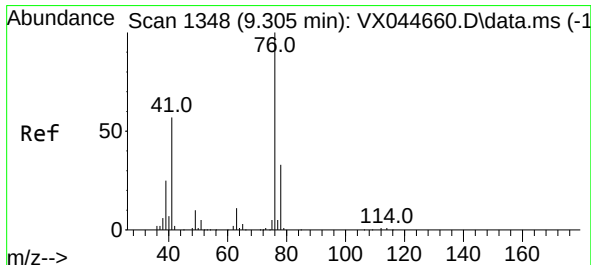
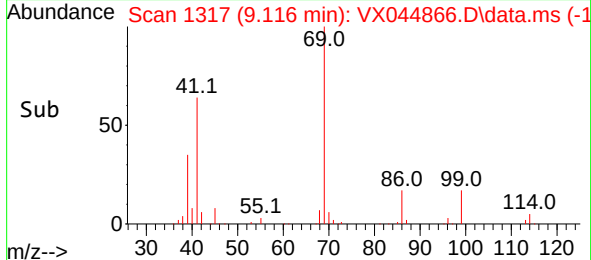
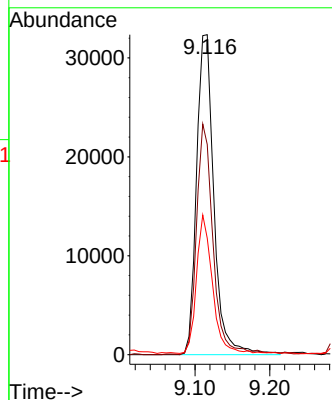
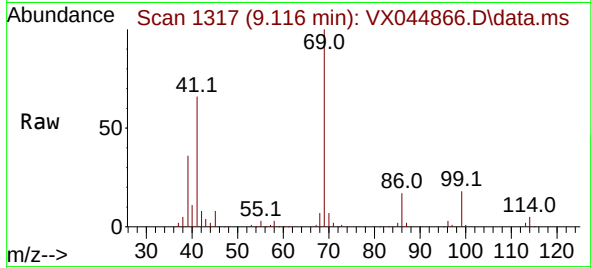
#51
Ethyl methacrylate
Concen: 19.113 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 69 Resp: 52180
Ion Ratio Lower Upper
69 100
41 65.7 32.0 96.0
39 36.0 18.6 55.6

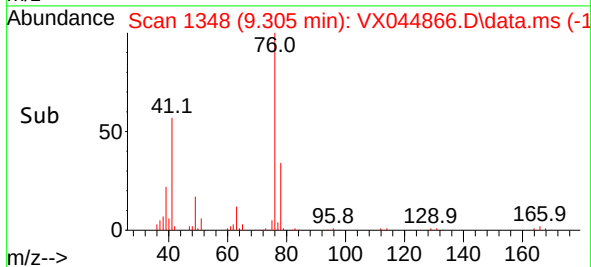
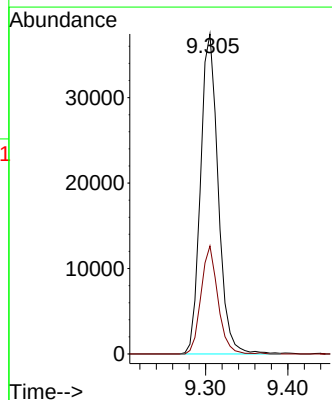
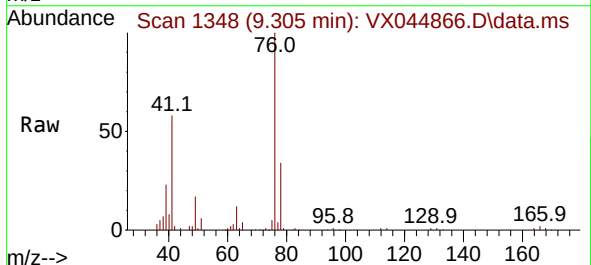
Manual Integrations
APPROVED

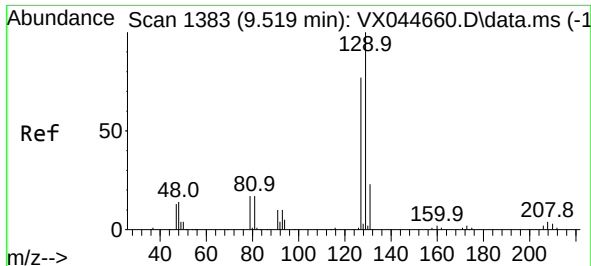
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#52
1,3-Dichloropropane
Concen: 20.548 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

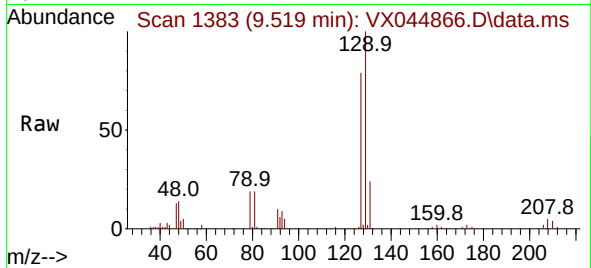
Tgt Ion: 76 Resp: 55852
Ion Ratio Lower Upper
76 100
78 32.2 0.0 64.0





#53
Dibromochloromethane
Concen: 20.172 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

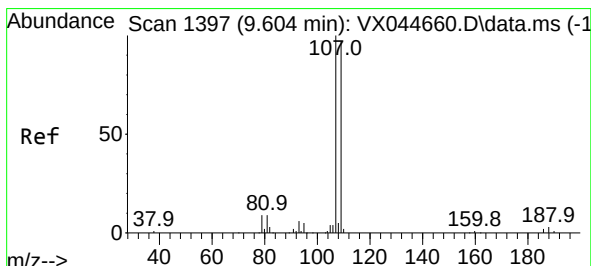
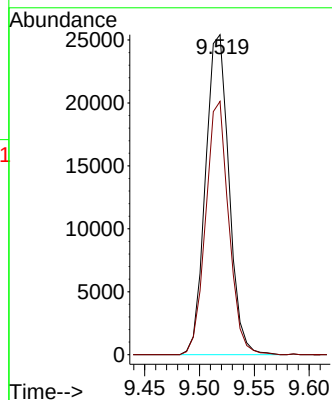
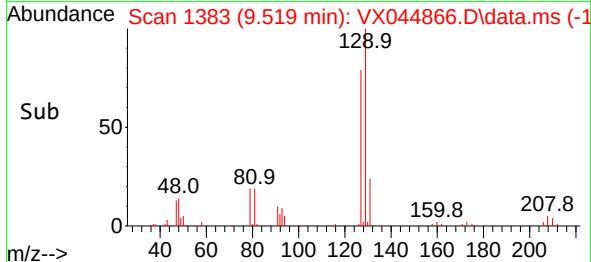
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:129 Resp: 3788
Ion Ratio Lower Upper
129 100
127 77.7 37.8 113.4

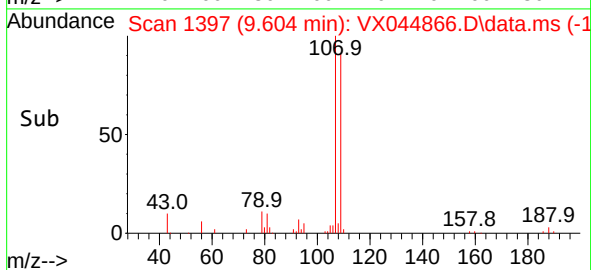
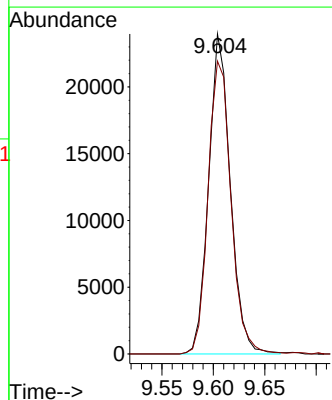
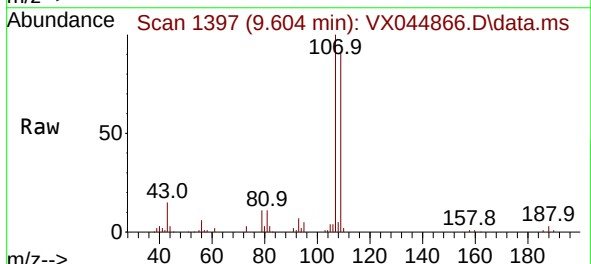
Manual Integrations
APPROVED

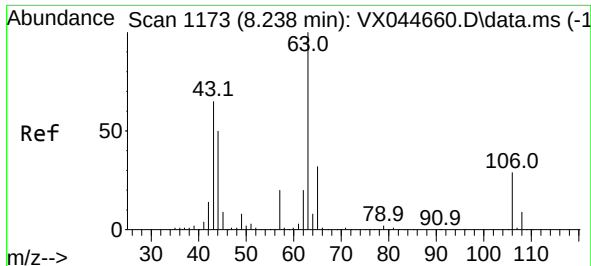
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#54
1,2-Dibromoethane
Concen: 21.165 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion:107 Resp: 35162
Ion Ratio Lower Upper
107 100
109 96.7 75.5 113.3





#55

2-Chloroethyl vinyl ether

Concen: 107.363 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 14222

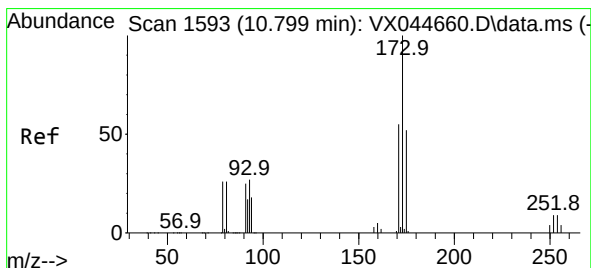
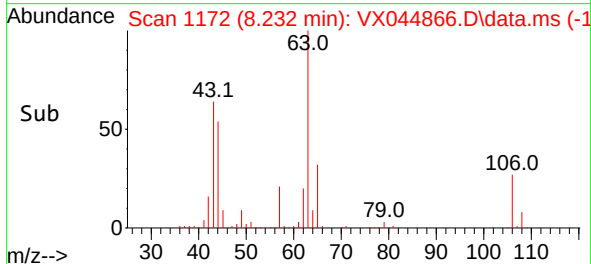
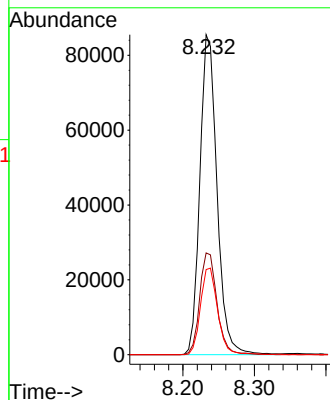
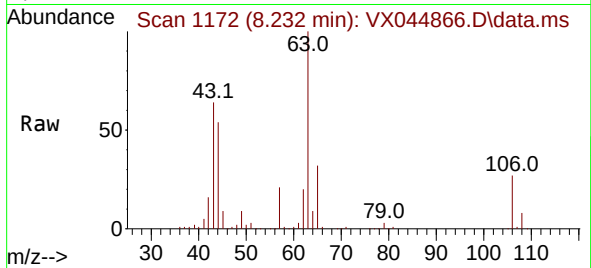
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	26.8	23.1	34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#56

Bromoform

Concen: 19.840 ug/l

RT: 10.799 min Scan# 1593

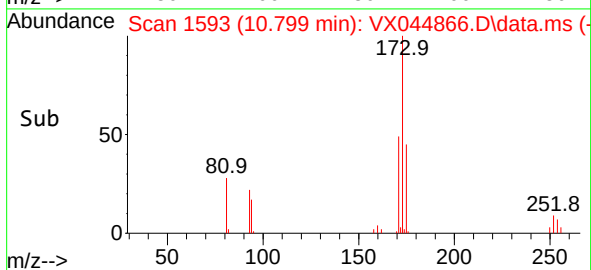
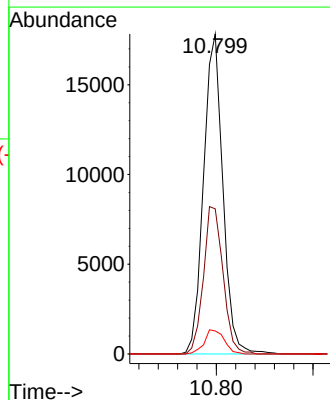
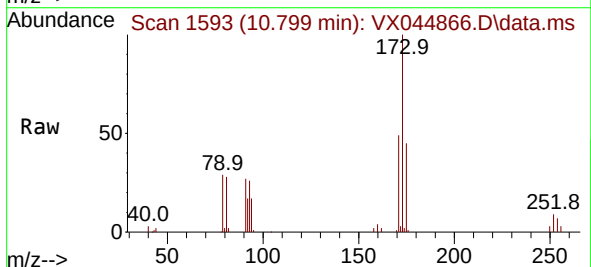
Delta R.T. 0.000 min

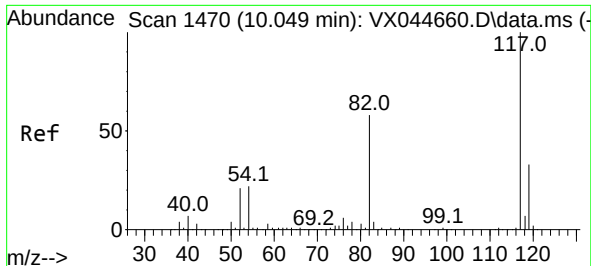
Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Tgt Ion:173 Resp: 24706

Ion	Ratio	Lower	Upper
173	100		
175	46.8	39.0	58.6
254	7.8	6.5	9.7





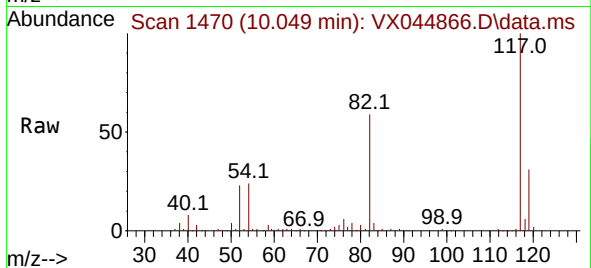
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC



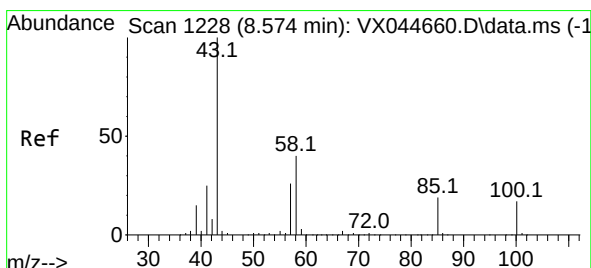
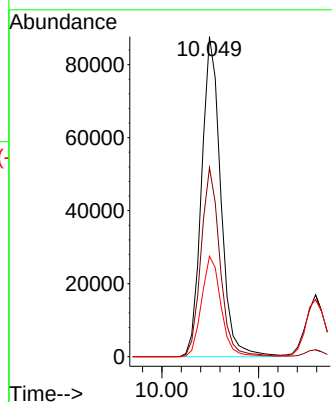
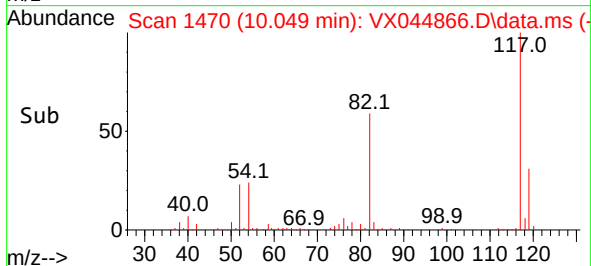
Tgt Ion: 117 Resp: 12107
Ion Ratio Lower Upper
117 100
82 58.4 45.8 68.6
119 32.0 25.8 38.6

Manual Integrations

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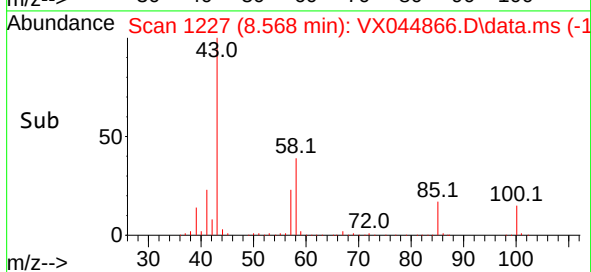
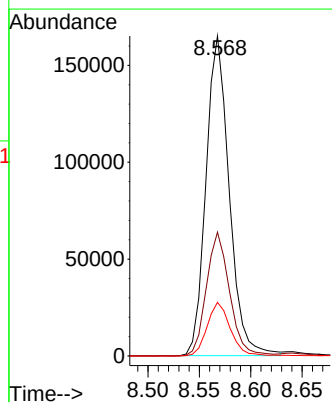
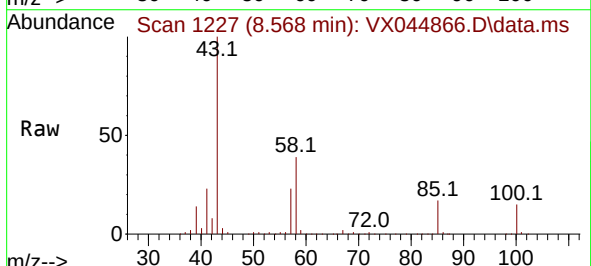
Reviewed By :John Carlone 02/10/2025

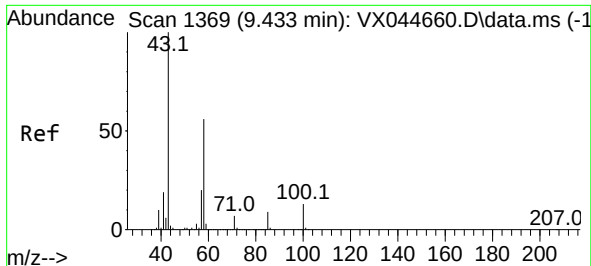
Supervised By :Mahesh Dadoda 02/10/2025



#58
4-Methyl-2-Pentanone
Concen: 101.709 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

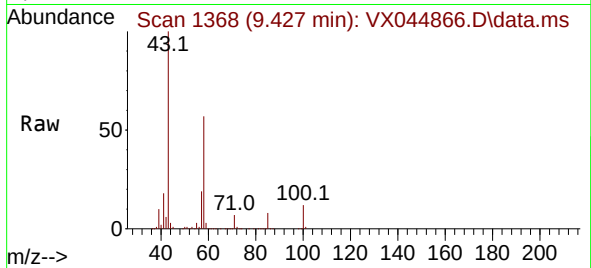
Tgt Ion: 43 Resp: 259561
Ion Ratio Lower Upper
43 100
58 38.6 31.7 47.5
85 16.6 15.0 22.6





#59
2-Hexanone
Concen: 102.215 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

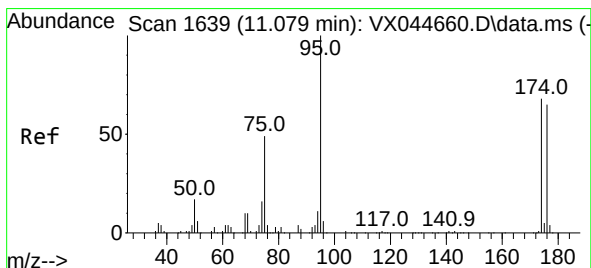
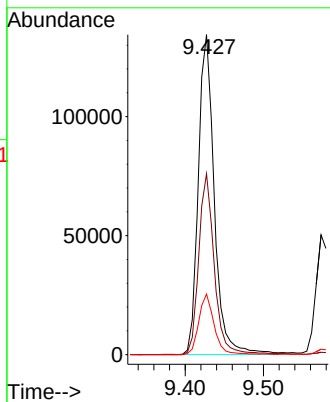
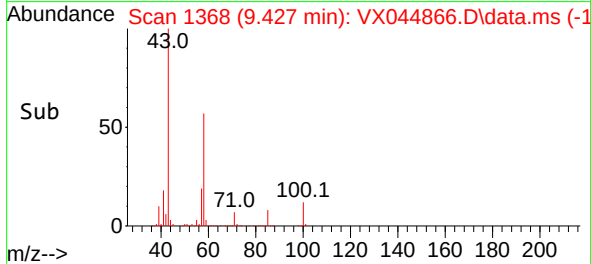
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 190972
Ion Ratio Lower Upper
43 100
58 55.0 44.4 66.6
57 18.2 15.5 23.3

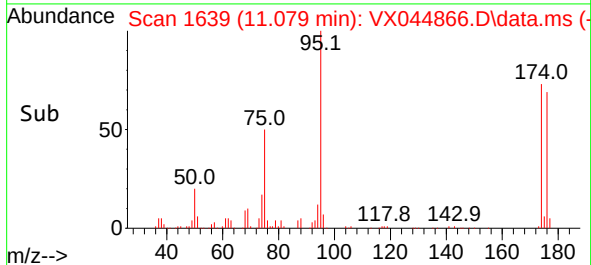
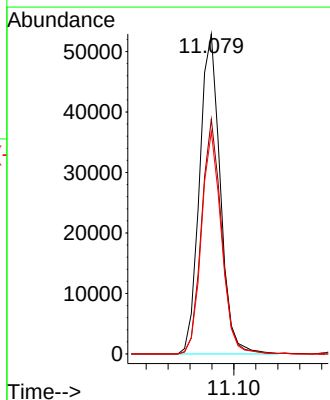
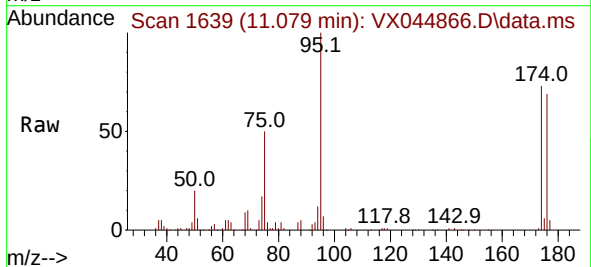
Manual Integrations
APPROVED

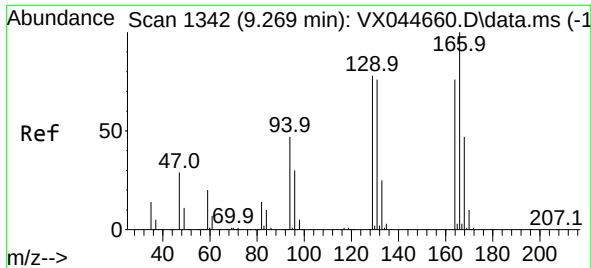
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#60
4-Bromofluorobenzene
Concen: 29.528 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

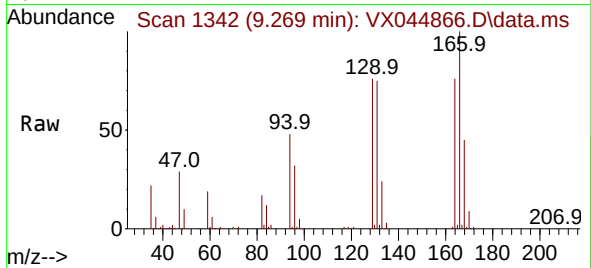
Tgt Ion: 95 Resp: 69438
Ion Ratio Lower Upper
95 100
174 70.9 54.6 81.8
176 67.0 52.8 79.2





#61
Tetrachloroethene
Concen: 17.818 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

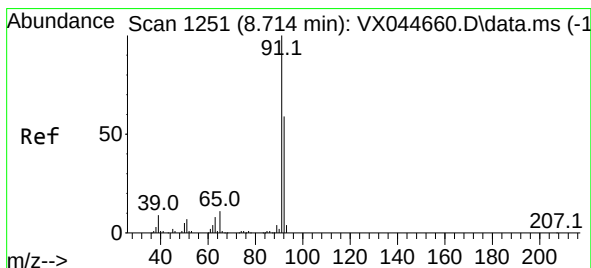
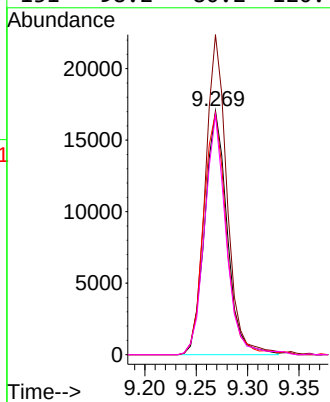
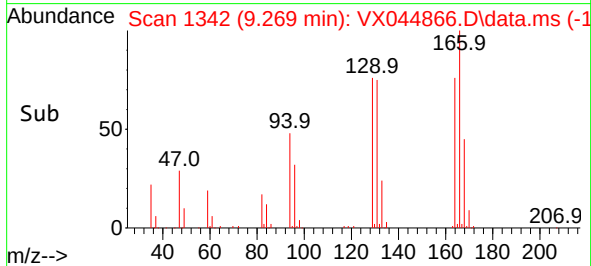
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



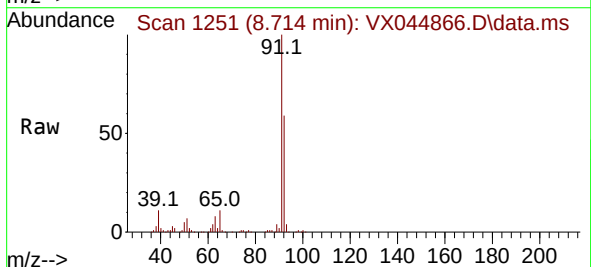
Tgt Ion:164 Resp: 2587
Ion Ratio Lower Upper
164 100
166 131.1 105.6 158.4
129 99.2 82.8 124.2
131 98.2 80.2 120.4

Manual Integrations
APPROVED

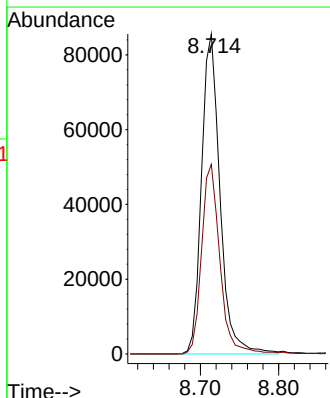
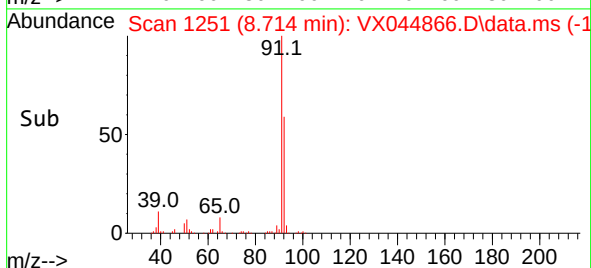
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

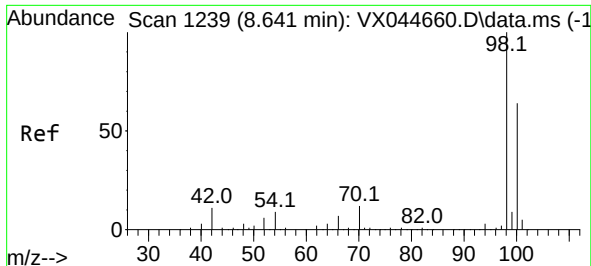


#62
Toluene
Concen: 17.589 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



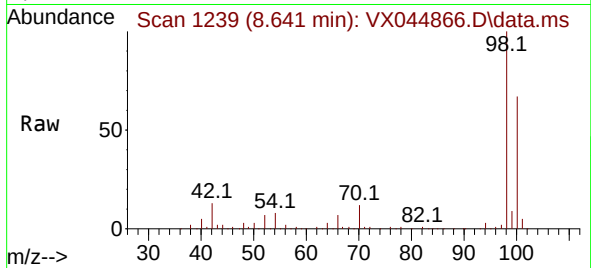
Tgt Ion: 91 Resp: 140219
Ion Ratio Lower Upper
91 100
92 58.3 47.3 70.9





#63
Toluene-d8
Concen: 26.656 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

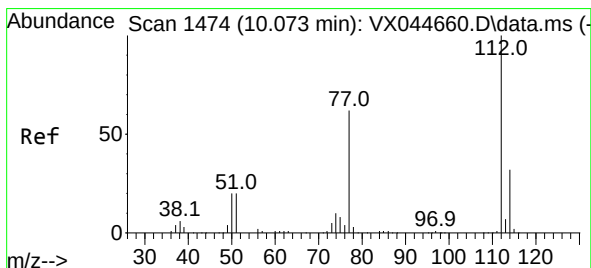
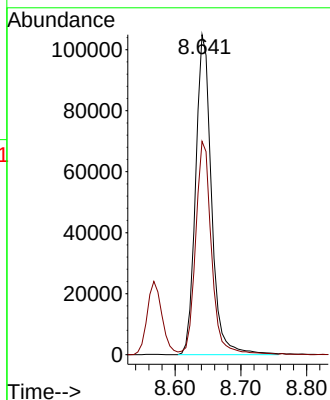
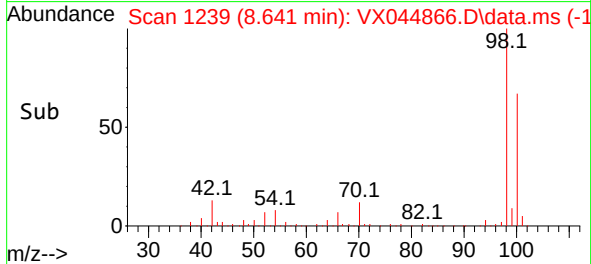
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



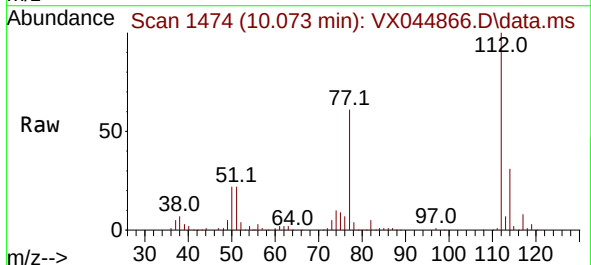
Tgt Ion: 98 Resp: 17553
Ion Ratio Lower Upper
98 100
100 66.8 53.6 80.4

Manual Integrations
APPROVED

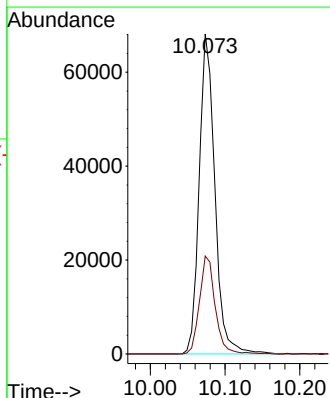
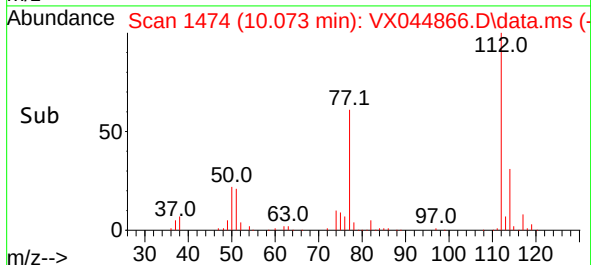
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

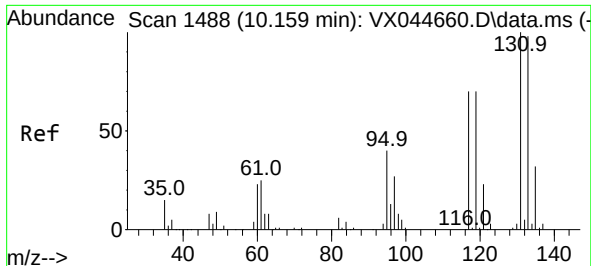


#64
Chlorobenzene
Concen: 20.016 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



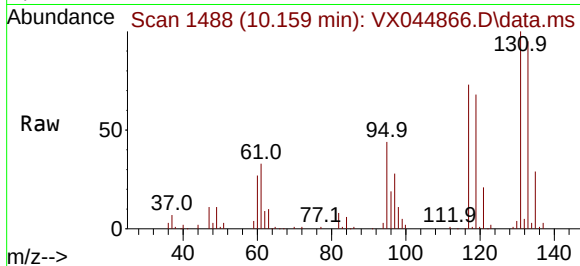
Tgt Ion:112 Resp: 99102
Ion Ratio Lower Upper
112 100
114 30.6 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 17.940 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

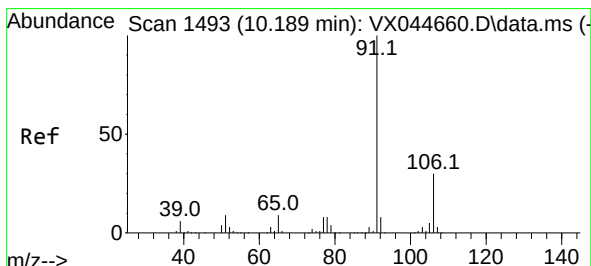
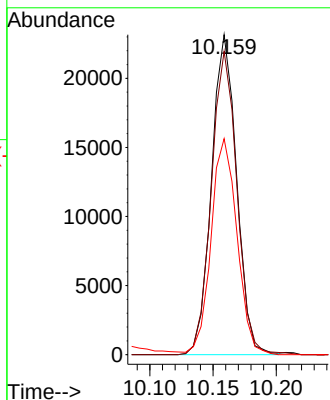
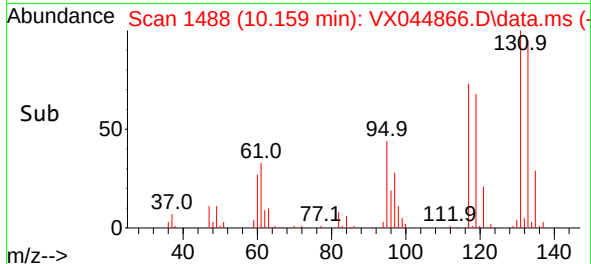
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:131 Resp: 31900
Ion Ratio Lower Upper
131 100
133 96.7 0.0 192.4
119 69.7 0.0 133.4

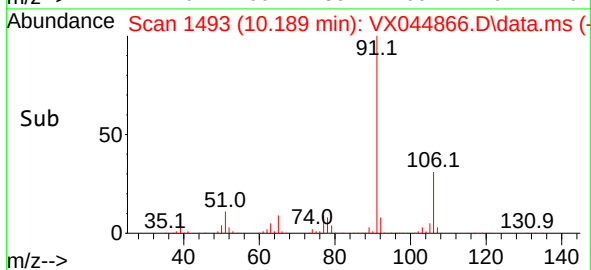
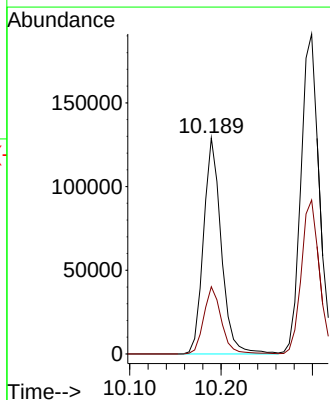
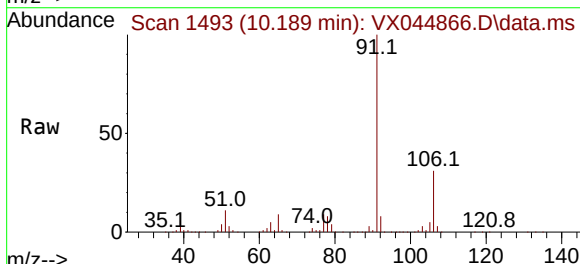
Manual Integrations
APPROVED

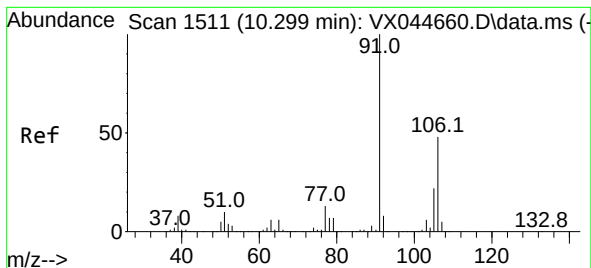
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#66
Ethyl Benzene
Concen: 19.963 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

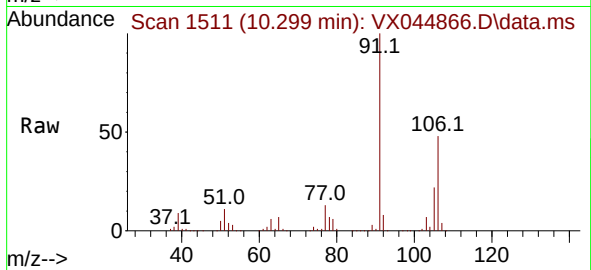
Tgt Ion: 91 Resp: 173677
Ion Ratio Lower Upper
91 100
106 31.1 24.0 36.0





#67
m/p-Xylenes
Concen: 40.545 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

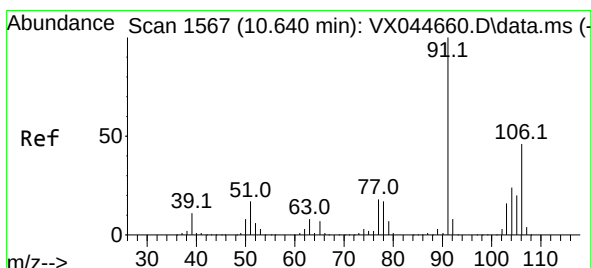
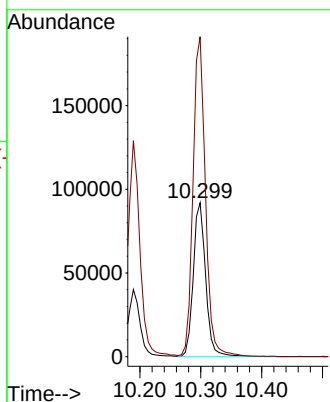
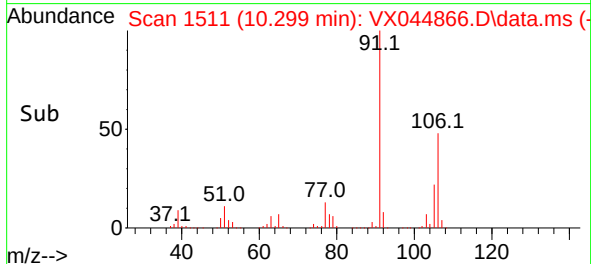
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



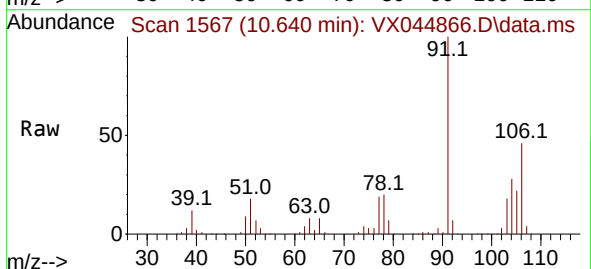
Tgt Ion:106 Resp: 12966
Ion Ratio Lower Upper
106 100
91 208.9 166.8 250.2

Manual Integrations
APPROVED

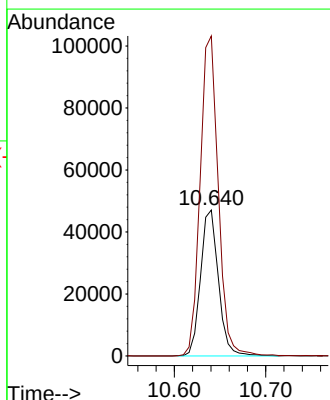
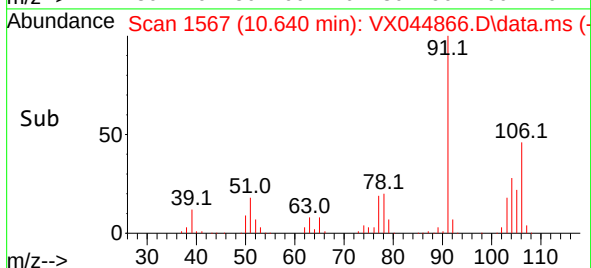
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

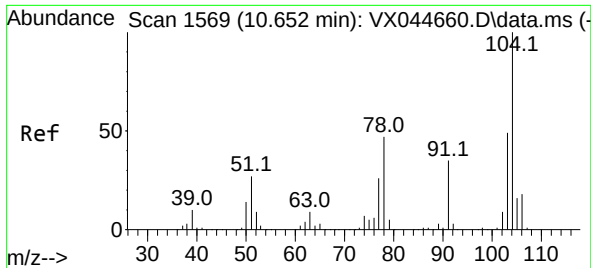


#68
o-Xylene
Concen: 19.909 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



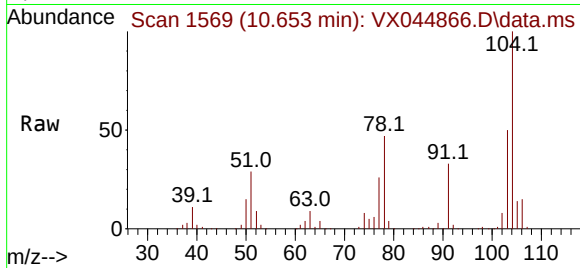
Tgt Ion:106 Resp: 63902
Ion Ratio Lower Upper
106 100
91 221.8 109.7 329.1





#69
Styrene
Concen: 20.234 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

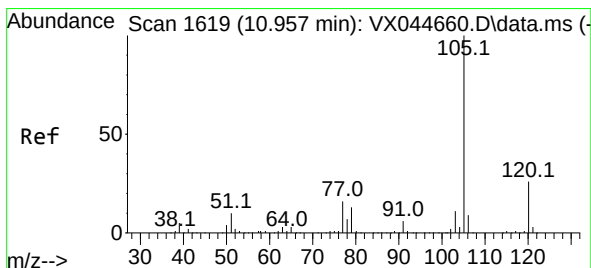
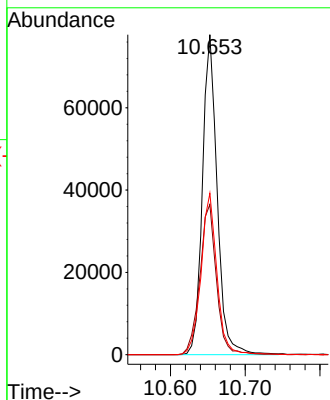
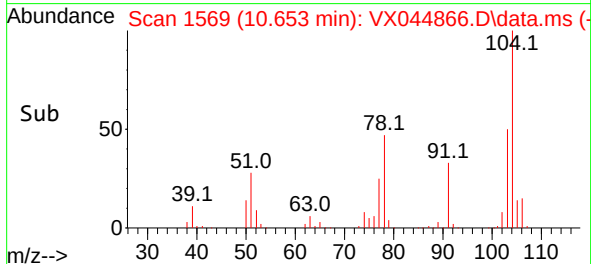
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



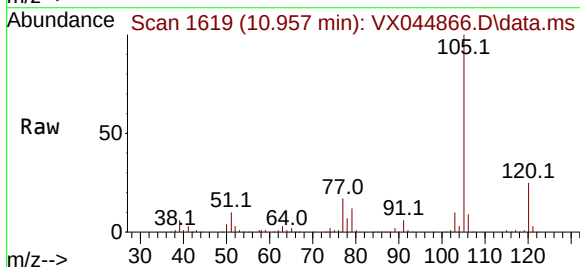
Tgt Ion:104 Resp: 106631
Ion Ratio Lower Upper
104 100
78 52.8 42.0 63.0
103 54.2 43.1 64.7

Manual Integrations
APPROVED

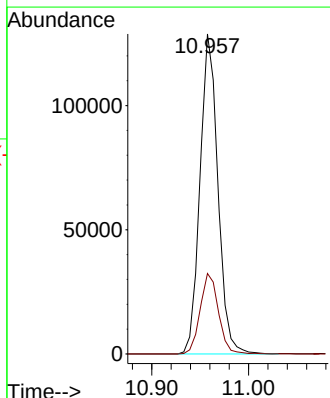
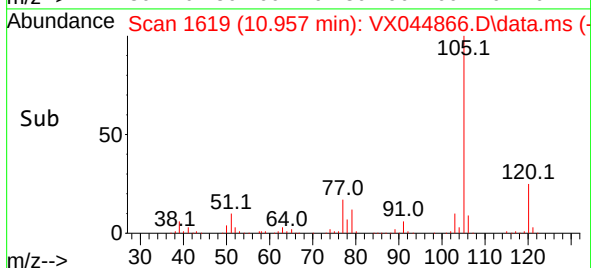
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

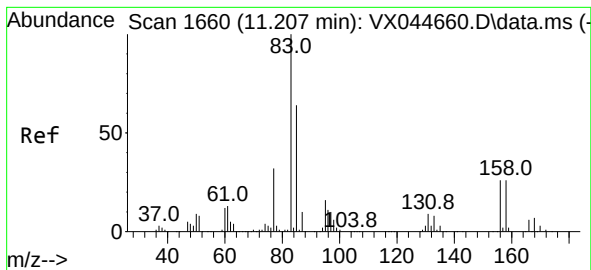


#70
Isopropylbenzene
Concen: 20.594 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



Tgt Ion:105 Resp: 166174
Ion Ratio Lower Upper
105 100
120 25.7 18.6 34.6





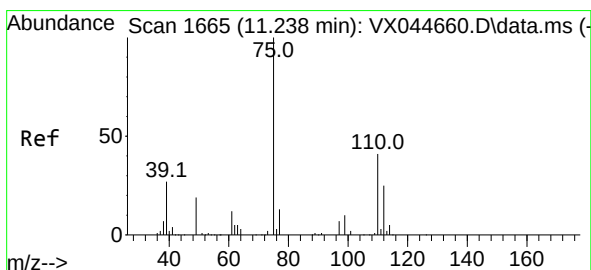
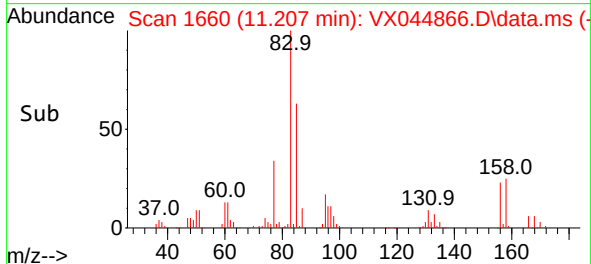
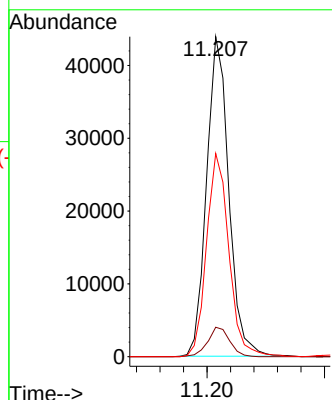
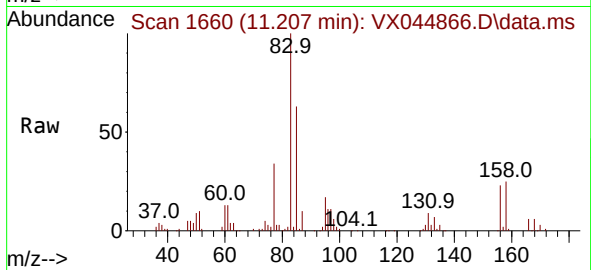
#71
1,1,2,2-Tetrachloroethane
Concen: 21.188 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 83 Resp: 57475
Ion Ratio Lower Upper
83 100
131 9.2 5.0 14.9
85 64.3 33.0 99.0

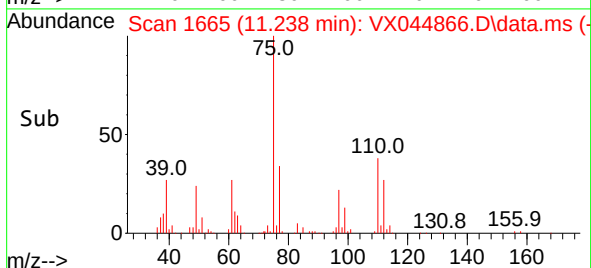
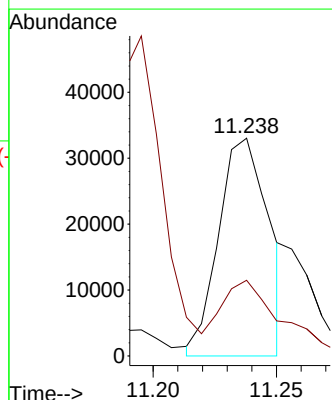
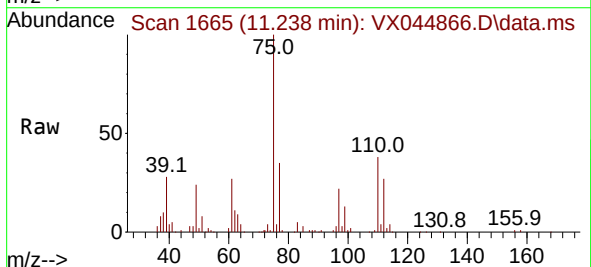
Manual Integrations
APPROVED

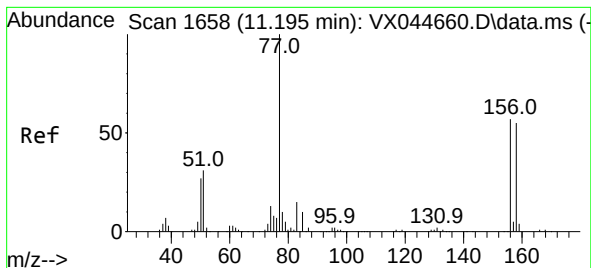
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#72
1,2,3-Trichloropropane
Concen: 20.432 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 75 Resp: 46628
Ion Ratio Lower Upper
75 100
77 42.7 0.0 83.0





#73

Bromobenzene

Concen: 19.750 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

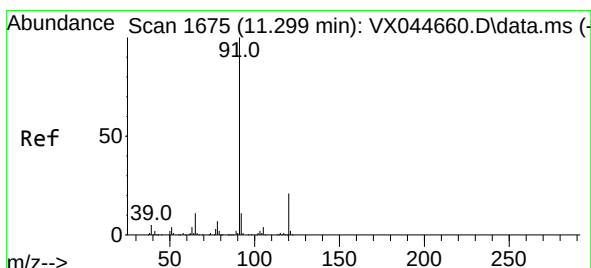
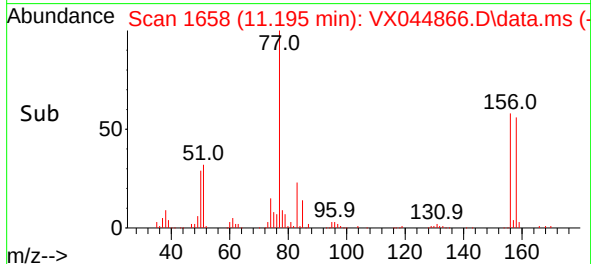
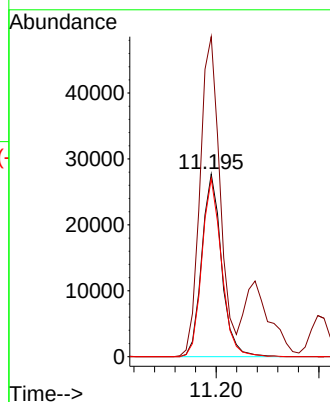
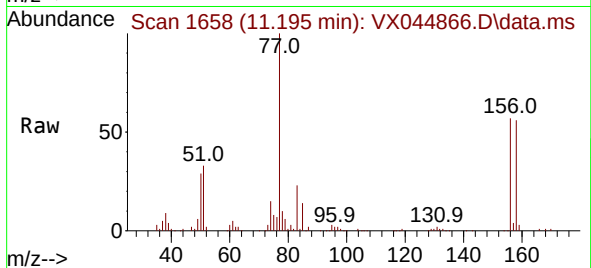
Tgt Ion:	156	Resp:	37125
Ion Ratio	Lower	Upper	
156	100		
77	177.4	0.0	354.6
158	96.7	0.0	193.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#74

n-propylbenzene

Concen: 21.001 ug/l

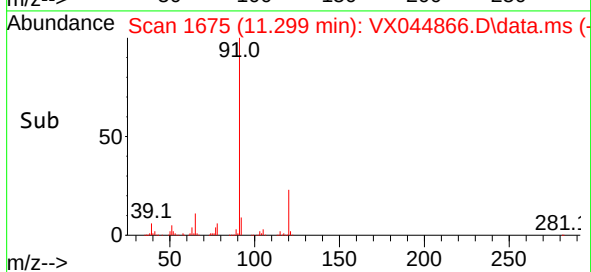
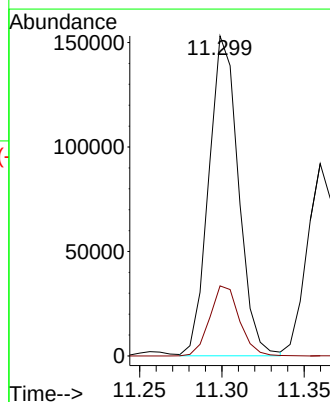
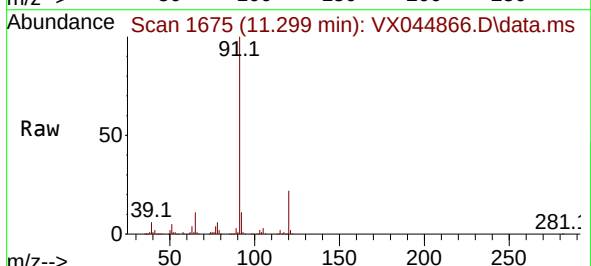
RT: 11.299 min Scan# 1675

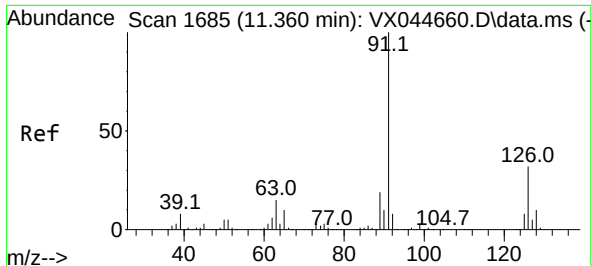
Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Tgt Ion:	91	Resp:	192476
Ion Ratio	Lower	Upper	
91	100		
120	21.9	0.0	45.0





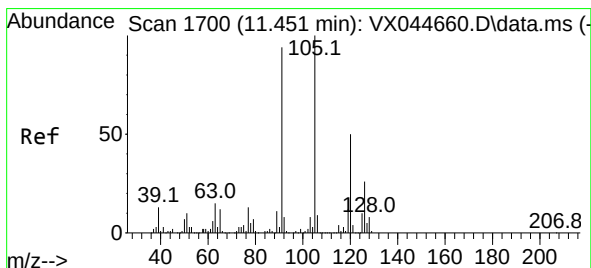
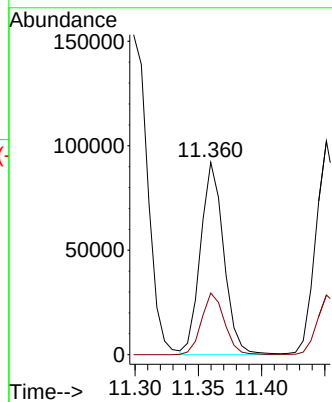
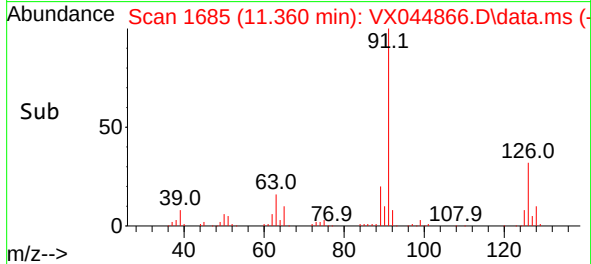
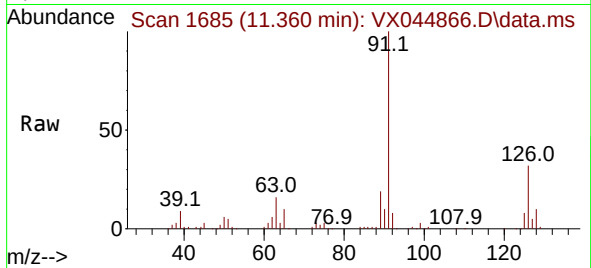
#75
2-Chlorotoluene
Concen: 20.521 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 91 Resp: 118244
Ion Ratio Lower Upper
91 100
126 31.5 0.0 64.0

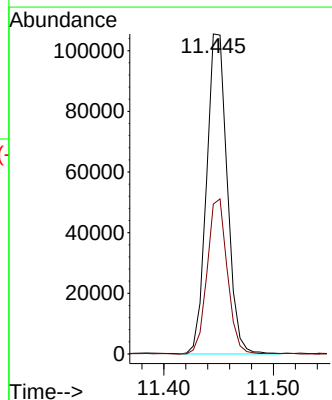
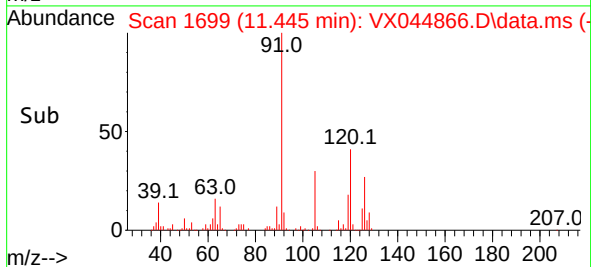
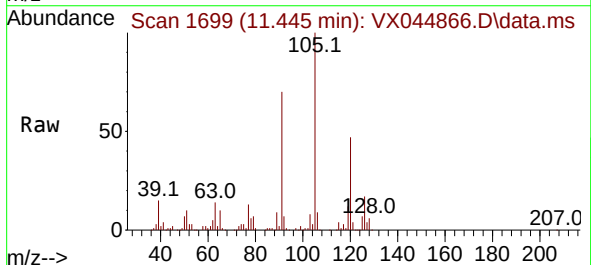
Manual Integrations
APPROVED

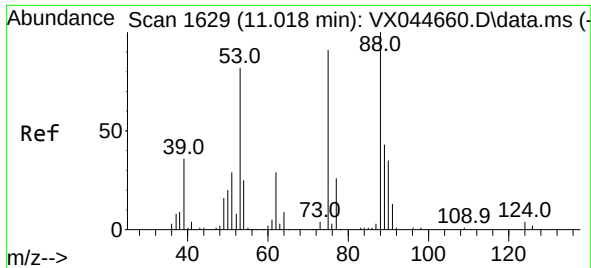
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.069 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

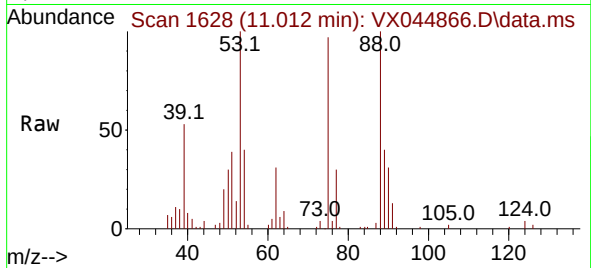
Tgt Ion:105 Resp: 138060
Ion Ratio Lower Upper
105 100
120 47.2 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 15.733 ug/l
RT: 11.012 min Scan# 1628
Delta R.T. -0.006 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

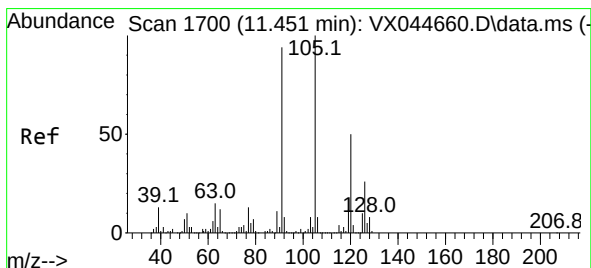
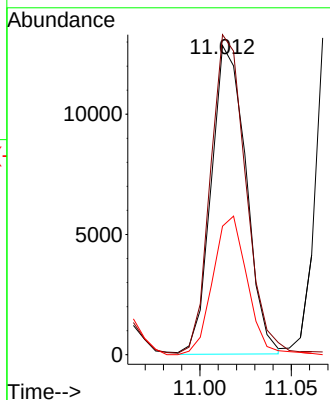
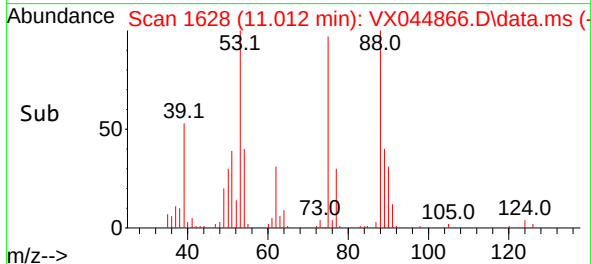
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



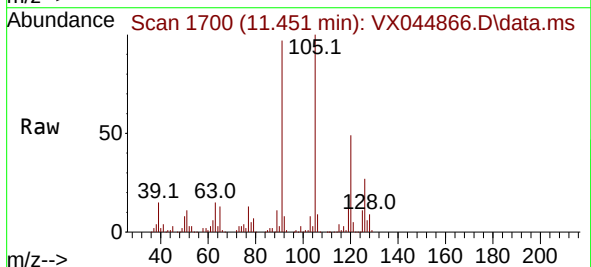
Tgt Ion: 75 Resp: 16980
Ion Ratio Lower Upper
75 100
53 103.7 45.3 135.9
89 41.8 23.8 71.2

Manual Integrations
APPROVED

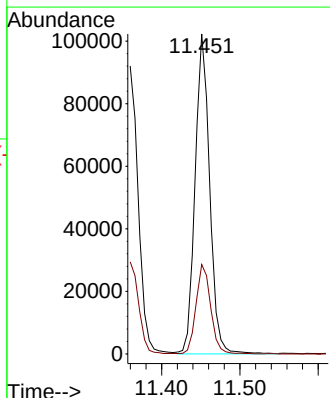
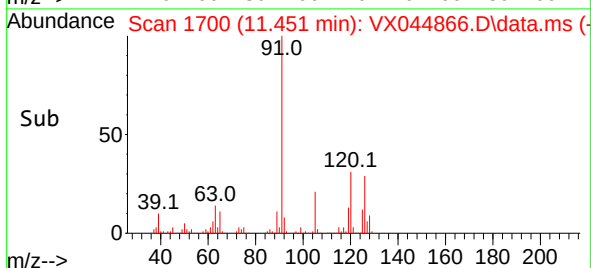
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

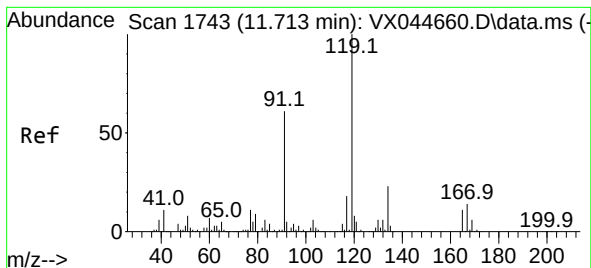


#78
4-Chlorotoluene
Concen: 20.834 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



Tgt Ion: 91 Resp: 132278
Ion Ratio Lower Upper
91 100
126 28.3 0.0 55.4





#79

tert-butylbenzene

Concen: 18.546 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tgt Ion:119 Resp: 124840

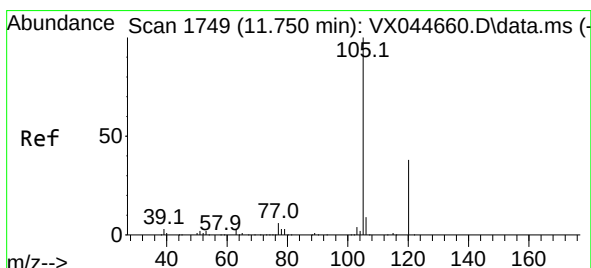
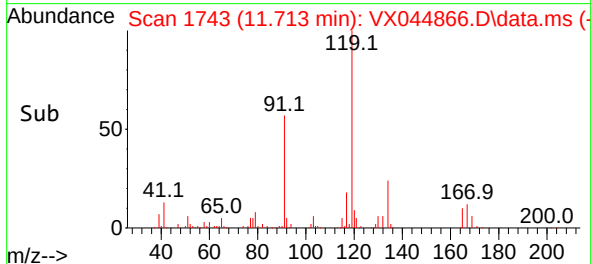
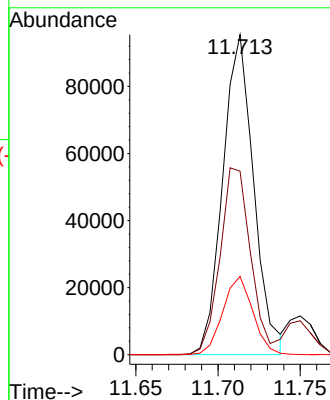
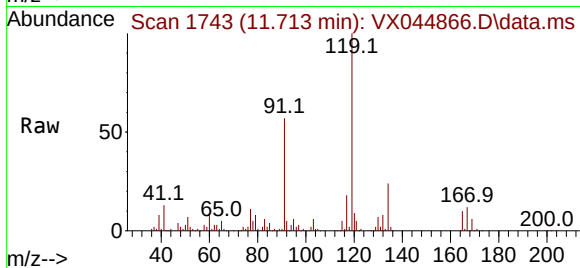
Ion	Ratio	Lower	Upper
119	100		
91	57.5	0.0	119.0
134	23.7	0.0	44.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#80

1,2,4-Trimethylbenzene

Concen: 18.579 ug/l

RT: 11.750 min Scan# 1749

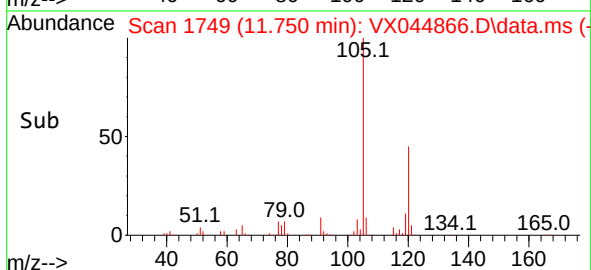
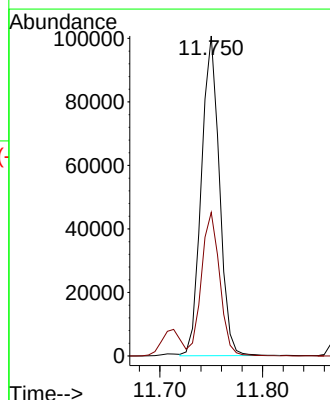
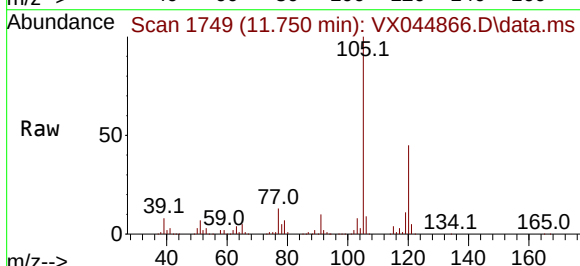
Delta R.T. 0.000 min

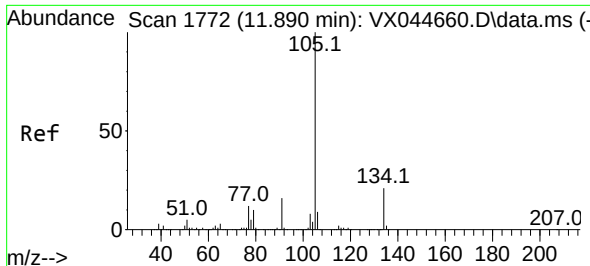
Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Tgt Ion:105 Resp: 122835

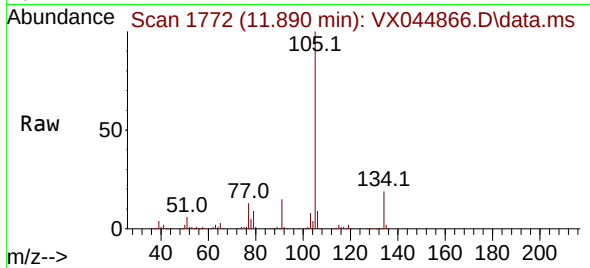
Ion	Ratio	Lower	Upper
105	100		
120	45.6	0.0	88.4





#81
 sec-Butylbenzene
 Concen: 19.509 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43

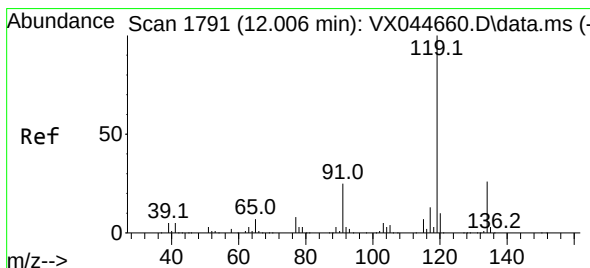
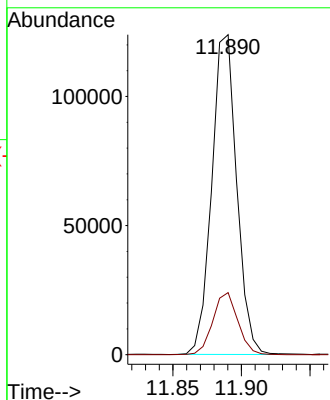
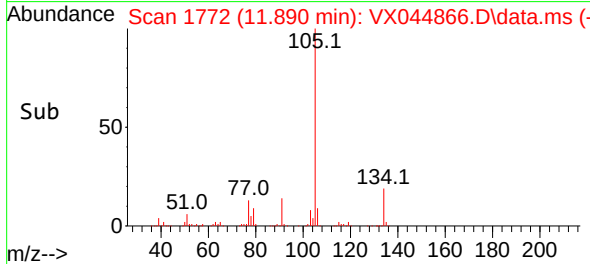
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC



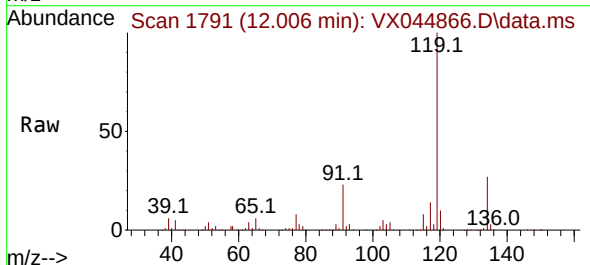
Tgt Ion:105 Resp: 156820
 Ion Ratio Lower Upper
 105 100
 134 19.4 0.0 39.6

Manual Integrations
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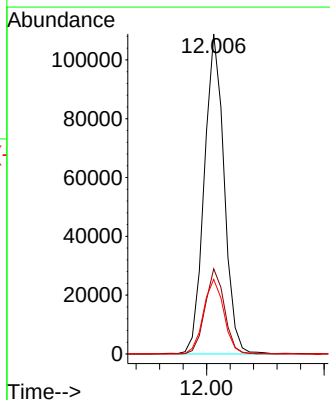
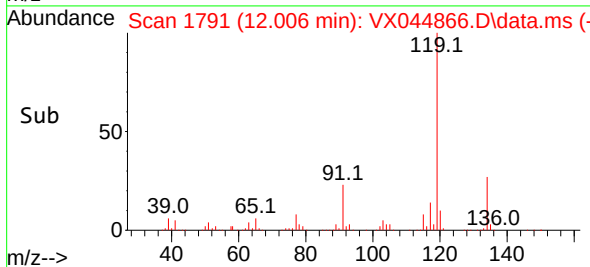
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025

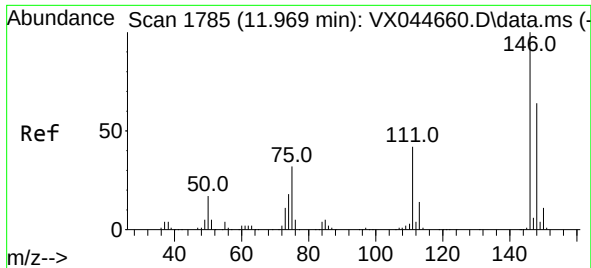


#82
 p-Isopropyltoluene
 Concen: 19.293 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044866.D
 Acq: 07 Feb 2025 15:43



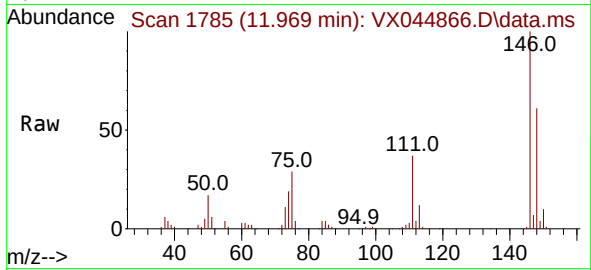
Tgt Ion:119 Resp: 127635
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 24.0 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 19.078 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

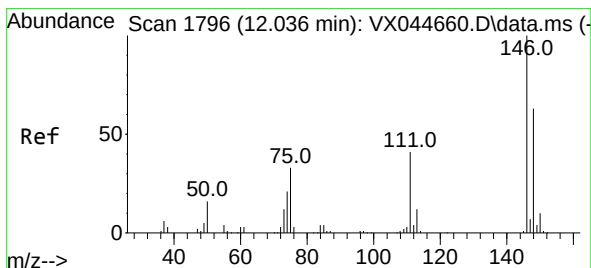
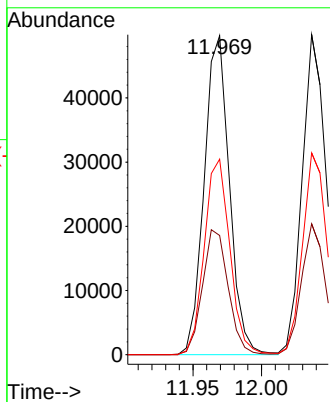
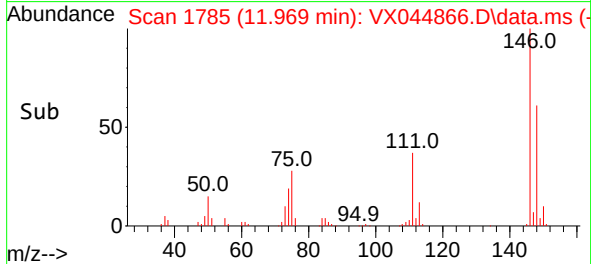
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



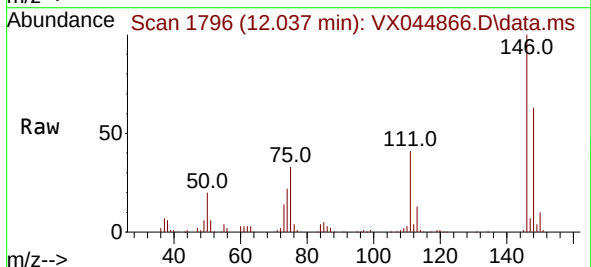
Tgt Ion:146 Resp: 63690
Ion Ratio Lower Upper
146 100
111 40.0 21.6 64.6
148 62.3 31.6 94.7

Manual Integrations
APPROVED

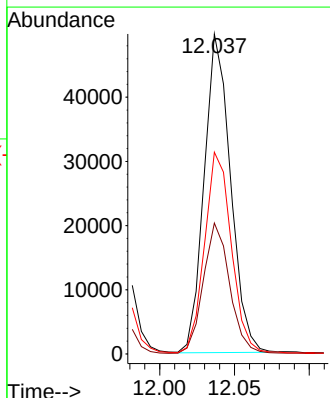
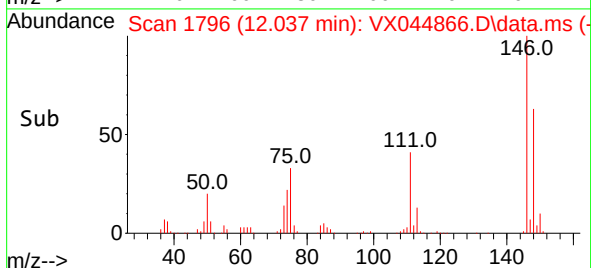
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

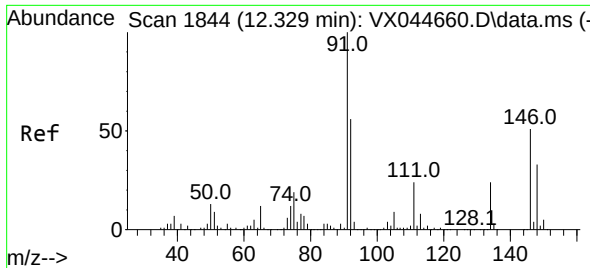


#84
1,4-Dichlorobenzene
Concen: 18.603 ug/l
RT: 12.037 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



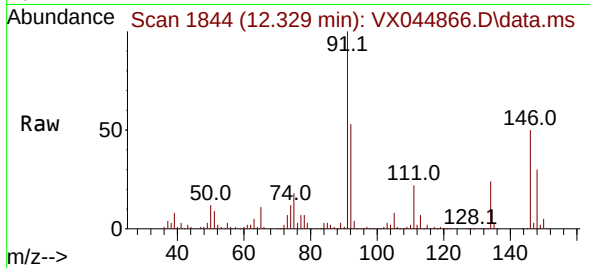
Tgt Ion:146 Resp: 60889
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.5
148 65.2 32.1 96.5





#85
n-Butylbenzene
Concen: 19.811 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

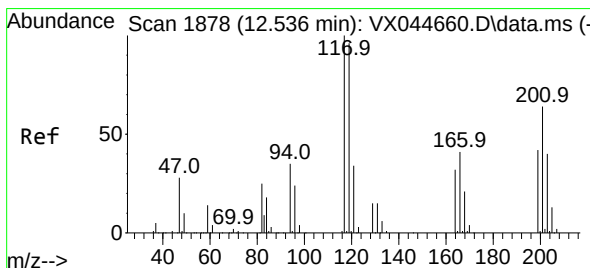
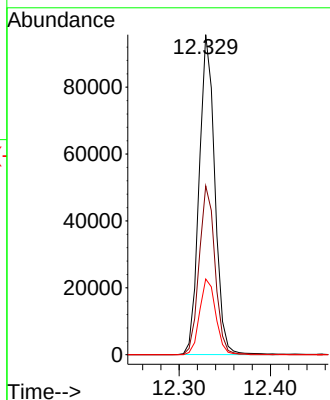
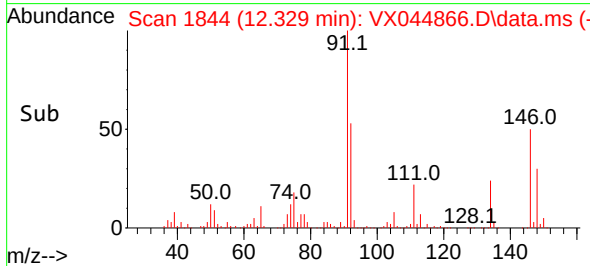
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 113610
Ion Ratio Lower Upper
91 100
92 53.2 0.0 109.4
134 24.3 0.0 49.2

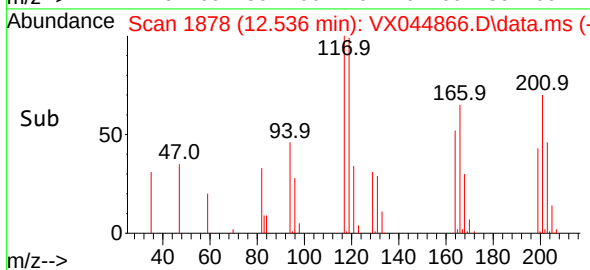
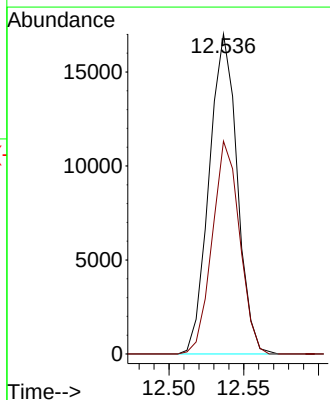
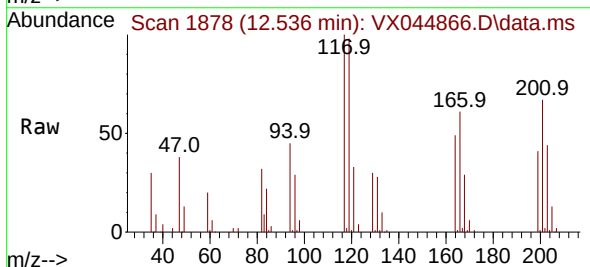
Manual Integrations
APPROVED

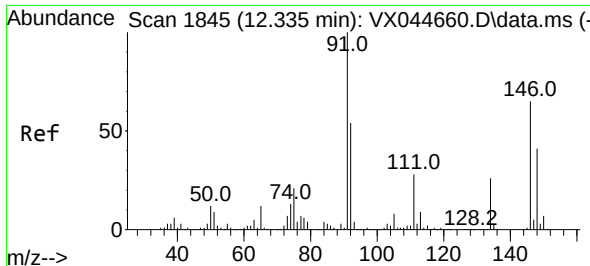
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#86
Hexachloroethane
Concen: 15.253 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

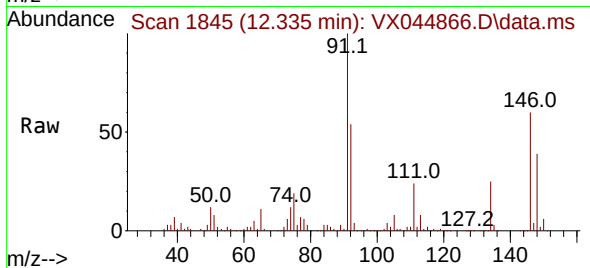
Tgt Ion:117 Resp: 22199
Ion Ratio Lower Upper
117 100
201 65.0 33.0 98.9





#87
1,2-Dichlorobenzene
Concen: 19.233 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

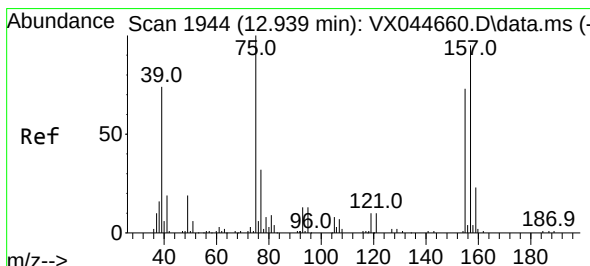
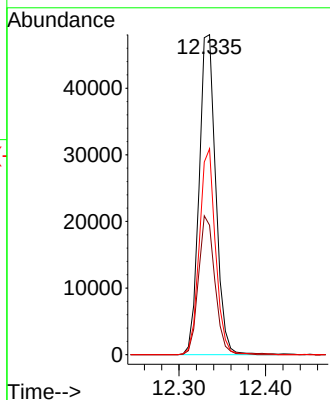
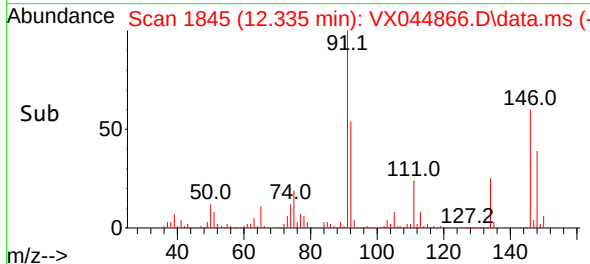
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



Tgt Ion:146 Resp: 6412
Ion Ratio Lower Upper
146 100
111 42.7 22.2 66.6
148 62.5 32.1 96.3

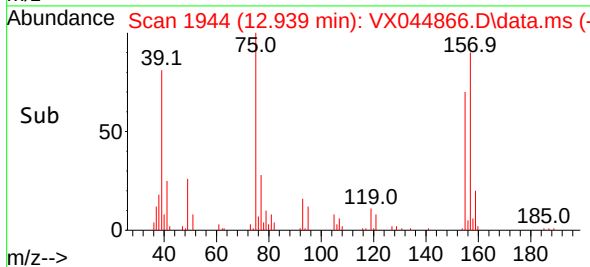
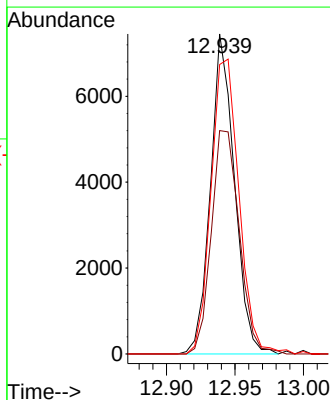
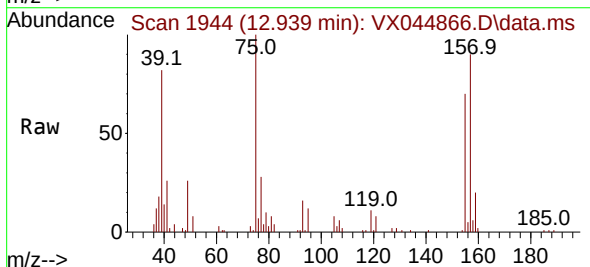
Manual Integrations
APPROVED

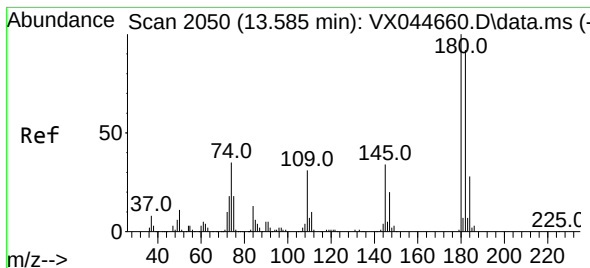
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 13.835 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

Tgt Ion: 75 Resp: 9039
Ion Ratio Lower Upper
75 100
155 81.5 62.3 93.5
157 107.7 79.9 119.9





#89

1,2,4-Trichlorobenzene

Concen: 17.756 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

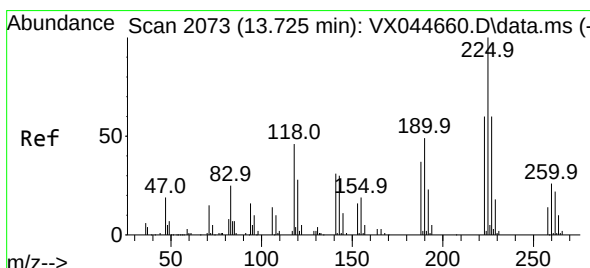
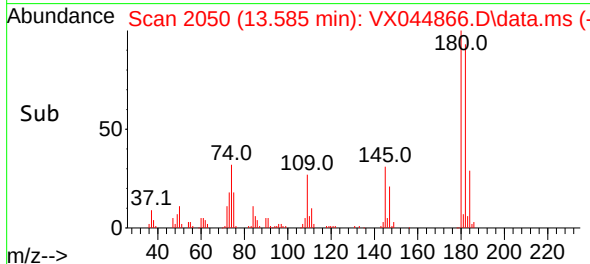
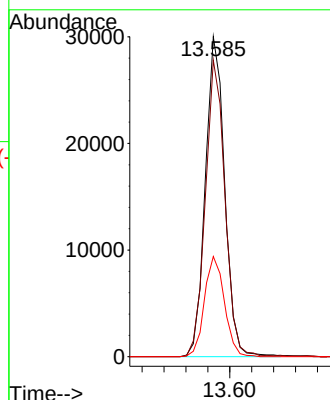
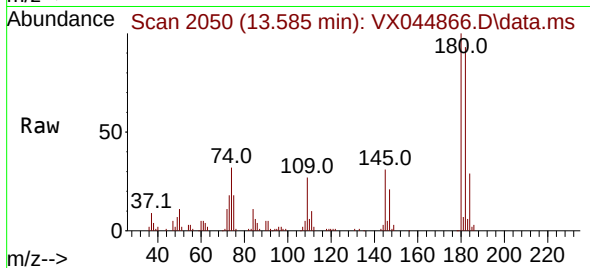
Tgt Ion:180	Resp:	36789
Ion Ratio	Lower	Upper
180	100	
182	93.3	75.6 113.4
145	32.3	26.6 40.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#90

Hexachlorobutadiene

Concen: 19.312 ug/l

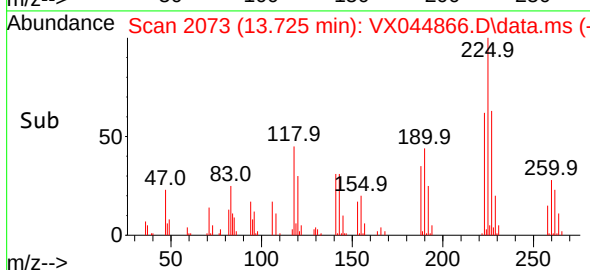
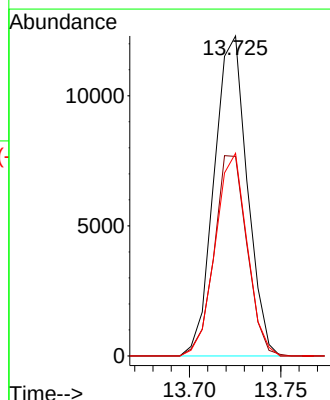
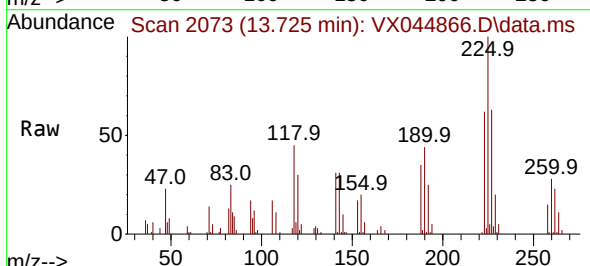
RT: 13.725 min Scan# 2073

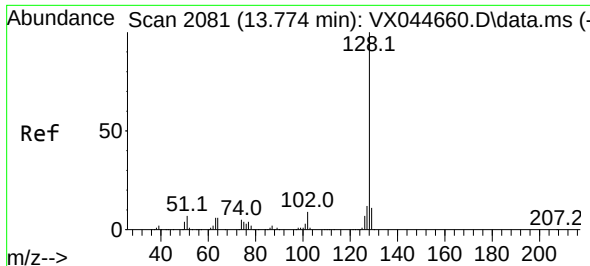
Delta R.T. 0.000 min

Lab File: VX044866.D

Acq: 07 Feb 2025 15:43

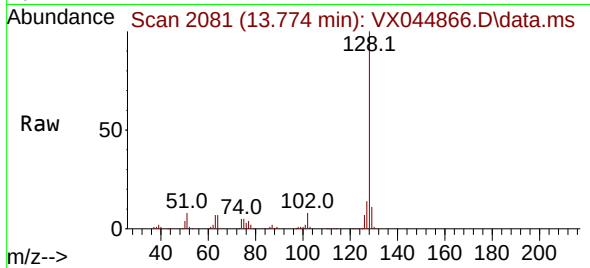
Tgt Ion:225	Resp:	15477
Ion Ratio	Lower	Upper
225	100	
223	62.1	0.0 123.0
227	61.1	0.0 124.2





#91
Naphthalene
Concen: 17.143 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43

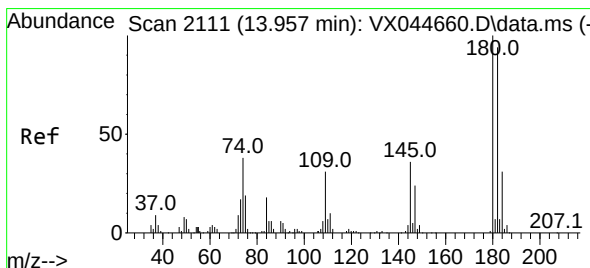
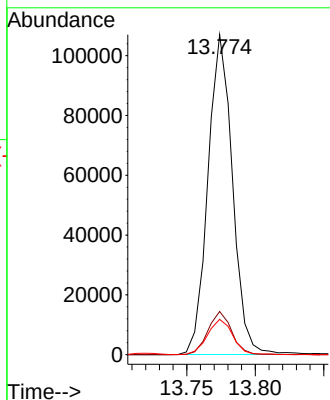
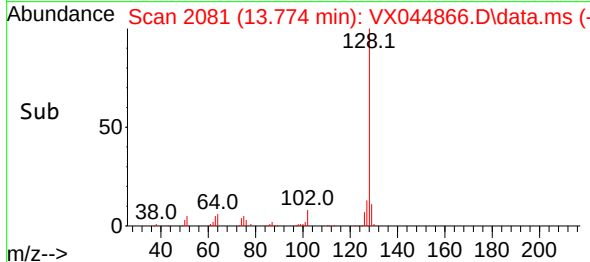
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC



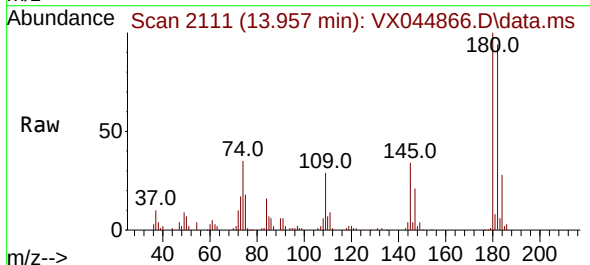
Tgt Ion:128 Resp: 132884
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.4
129 11.4 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 17.276 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044866.D
Acq: 07 Feb 2025 15:43



Tgt Ion:180 Resp: 36407
Ion Ratio Lower Upper
180 100
182 96.3 0.0 187.8
145 34.4 0.0 69.8

