

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044972.D
 Acq On : 14 Feb 2025 19:20
 Operator : JC/MD
 Sample : Q1363-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MS

Quant Time: Feb 14 22:19:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	167355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78282	54.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.780%			
35) Dibromofluoromethane	5.379	113	60760	51.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	226090	50.475	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.960%			
62) 4-Bromofluorobenzene	11.079	95	84062	55.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75370	55.159	ug/l	98
3) Chloromethane	1.307	50	80520	48.417	ug/l	96
4) Vinyl Chloride	1.374	62	75466	46.840	ug/l	99
5) Bromomethane	1.599	94	32163	66.712	ug/l	98
6) Chloroethane	1.678	64	44294	81.681	ug/l	99
7) Trichlorofluoromethane	1.880	101	104087	51.086	ug/l	97
8) Diethyl Ether	2.130	74	37925	51.325	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	64606	52.482	ug/l	99
10) Methyl Iodide	2.447	142	81043	50.797	ug/l	97
11) Tert butyl alcohol	2.959	59	73804	278.961	ug/l	100
12) 1,1-Dichloroethene	2.312	96	59978	47.764	ug/l	93
13) Acrolein	2.233	56	76077	278.704	ug/l	99
14) Allyl chloride	2.660	41	112339	49.501	ug/l	97
15) Acrylonitrile	3.062	53	193989	274.621	ug/l	99
16) Acetone	2.373	43	168441	293.805	ug/l	95
17) Carbon Disulfide	2.508	76	151908	44.116	ug/l	99
18) Methyl Acetate	2.703	43	96089	53.113	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	201111	50.337	ug/l	99
20) Methylene Chloride	2.782	84	68674	48.904	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	61325	49.620	ug/l	95
22) Diisopropyl ether	3.757	45	224076	52.190	ug/l	96
23) Vinyl Acetate	3.715	43	872986	249.407	ug/l	99
24) 1,1-Dichloroethane	3.605	63	120881	50.318	ug/l	99
25) 2-Butanone	4.550	43	266989	286.792	ug/l	96
26) 2,2-Dichloropropane	4.471	77	81427	42.741	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	75247	50.688	ug/l	99
28) Bromochloromethane	4.891	49	62951	54.526	ug/l	99
29) Tetrahydrofuran	4.995	42	174505	282.292	ug/l	98
30) Chloroform	5.086	83	119451	51.272	ug/l	98
31) Cyclohexane	5.464	56	104588	47.224	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100127	50.668	ug/l	99
36) 1,1-Dichloropropene	5.684	75	81429	47.648	ug/l	100
37) Ethyl Acetate	4.708	43	94446	49.686	ug/l	100
38) Carbon Tetrachloride	5.672	117	82844	49.468	ug/l	99
39) Methylcyclohexane	7.379	83	104430	47.265	ug/l	97
40) Benzene	6.031	78	257225	48.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54927	53.984	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89488	52.616	ug/l	98
43) Isopropyl Acetate	6.336	43	154203	50.235	ug/l	99
44) Trichloroethene	7.123	130	68001	55.749	ug/l	99
45) 1,2-Dichloropropane	7.427	63	64941	48.915	ug/l	98
46) Dibromomethane	7.574	93	46729	50.753	ug/l	99
47) Bromodichloromethane	7.818	83	92213	51.725	ug/l	98
48) Methyl methacrylate	7.690	41	78211	54.037	ug/l	97
49) 1,4-Dioxane	7.659	88	36730	1182.817	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	530321	284.179	ug/l	97
52) Toluene	8.714	92	156652	49.291	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85404	47.340	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	97495	48.470	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	62978	51.549	ug/l	99
56) Ethyl methacrylate	9.116	69	101104	51.239	ug/l	97
57) 1,3-Dichloropropane	9.305	76	107154	50.128	ug/l	99
59) 2-Hexanone	9.427	43	391620	291.258	ug/l	97
60) Dibromochloromethane	9.518	129	67902	51.969	ug/l	99
61) 1,2-Dibromoethane	9.604	107	62076	50.131	ug/l	99
64) Tetrachloroethene	9.269	164	50473	47.823	ug/l	99
65) Chlorobenzene	10.073	112	168410	46.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54007	46.680	ug/l	99
67) Ethyl Benzene	10.189	91	299209	47.170	ug/l	98
68) m/p-Xylenes	10.299	106	220184	94.099	ug/l	99
69) o-Xylene	10.640	106	110095	46.891	ug/l	98
70) Styrene	10.652	104	187077	49.456	ug/l	99
71) Bromoform	10.799	173	43104	49.921	ug/l #	98
73) Isopropylbenzene	10.957	105	285604	44.145	ug/l	99
74) N-amyl acetate	10.841	43	134612	45.980	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	100110	45.030	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82750m	46.450	ug/l	
77) Bromobenzene	11.195	156	66247	45.165	ug/l	96
78) n-propylbenzene	11.299	91	335698	44.954	ug/l	99
79) 2-Chlorotoluene	11.360	91	201102	43.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233774	44.527	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27634	39.902	ug/l	92
82) 4-Chlorotoluene	11.451	91	225029	44.319	ug/l	99
83) tert-Butylbenzene	11.713	119	237506	44.718	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	238569	46.039	ug/l	99
85) sec-Butylbenzene	11.890	105	298634	45.407	ug/l	100
86) p-Isopropyltoluene	12.006	119	244755	46.276	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	122530	45.426	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	122654	44.974	ug/l	100
89) n-Butylbenzene	12.329	91	227577	48.636	ug/l	99
90) Hexachloroethane	12.536	117	42742	43.159	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	120780	45.561	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19324	47.625	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	75259	46.916	ug/l	98
94) Hexachlorobutadiene	13.725	225	29179	45.821	ug/l	99
95) Naphthalene	13.774	128	269046	46.398	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	72716	44.987	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Feb 11 03:41:08 2025
Response via : Initial Calibration

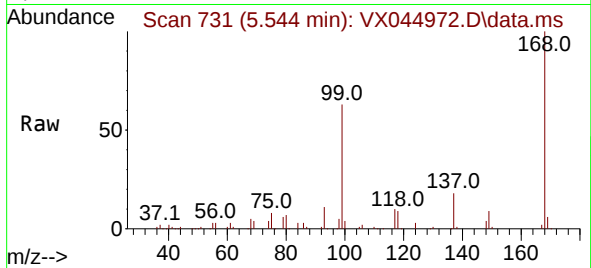
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044972.D
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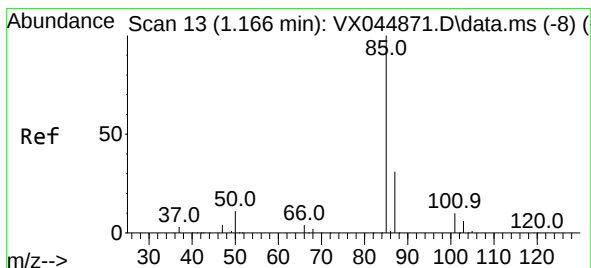
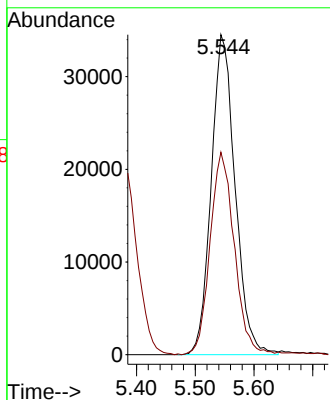
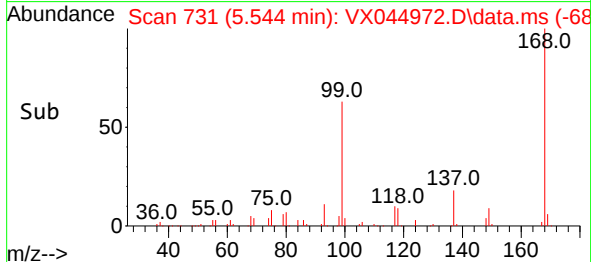
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion:168 Resp: 97424
Ion Ratio Lower Upper
168 100
99 63.0 51.2 76.8

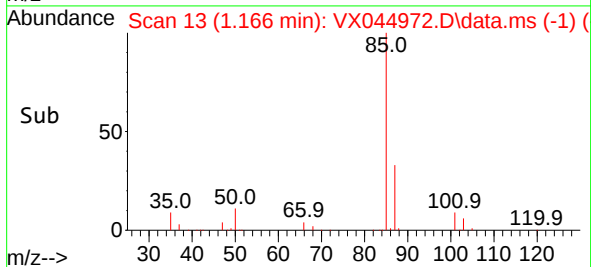
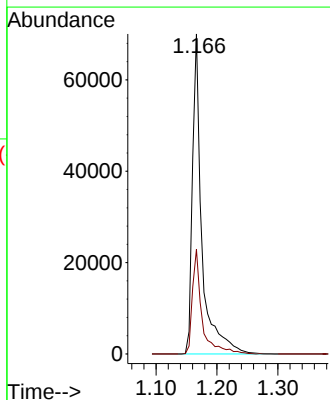
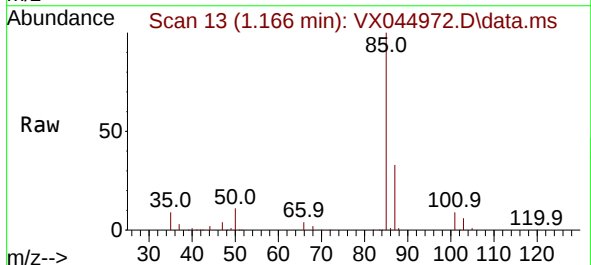
Manual Integrations
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Supervised By :Mahesh Dadoda 02/19/2025



#2
Dichlorodifluoromethane
Concen: 55.159 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 85 Resp: 75370
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





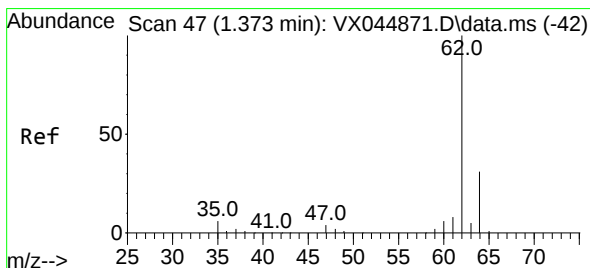
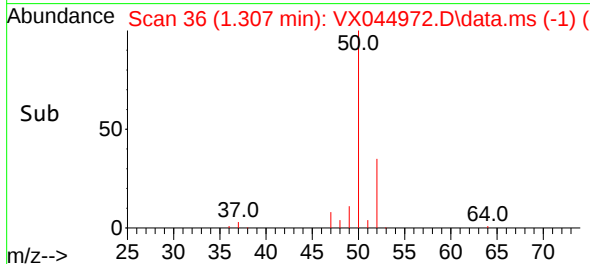
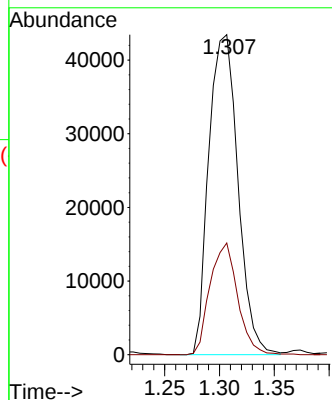
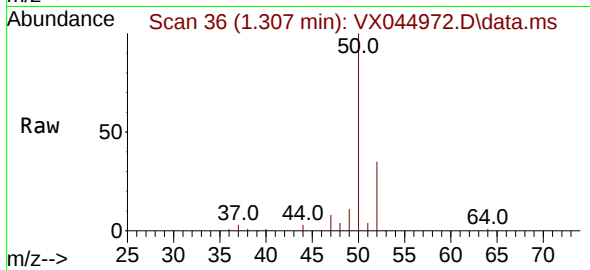
#3
Chloromethane
Concen: 48.417 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion: 50 Resp: 80520
Ion Ratio Lower Upper
50 100
52 34.9 25.9 38.9

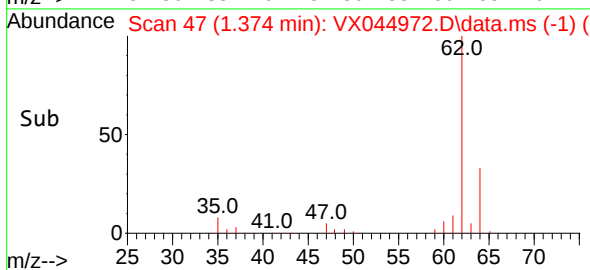
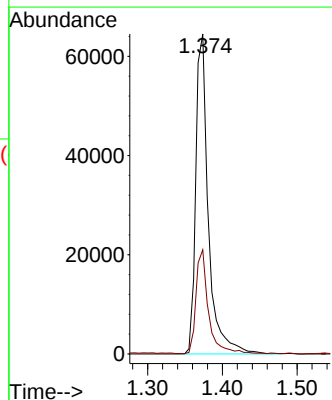
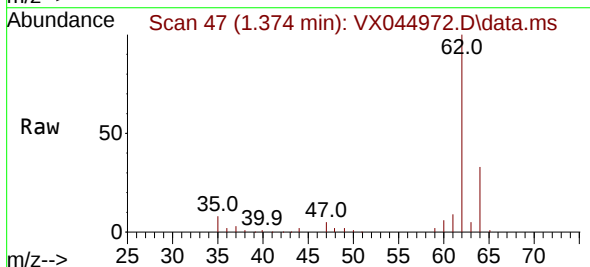
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#4
Vinyl Chloride
Concen: 46.840 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 62 Resp: 75466
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





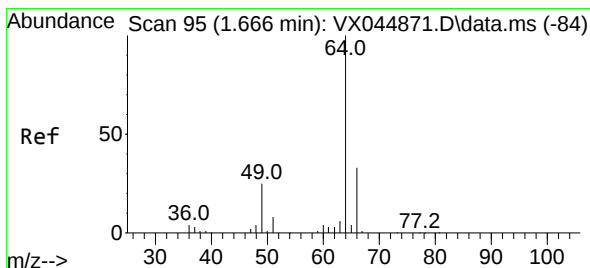
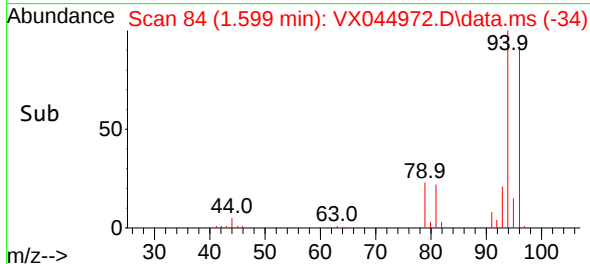
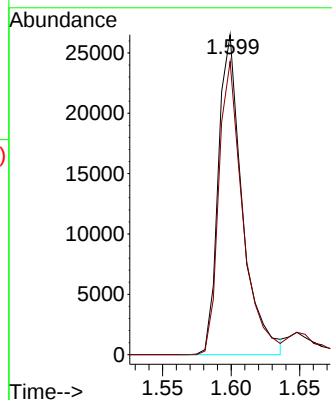
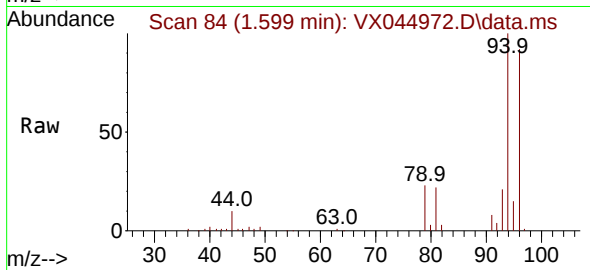
#5
Bromomethane
Concen: 66.712 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion: 94 Resp: 3216
Ion Ratio Lower Upper
94 100
96 91.7 71.6 107.4

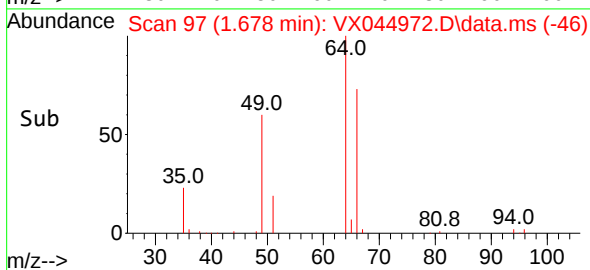
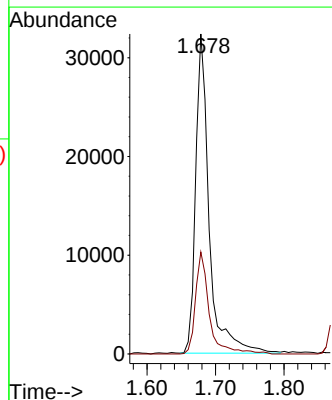
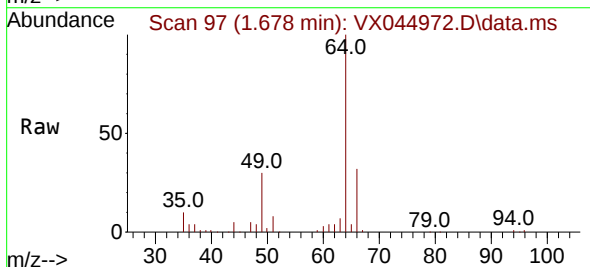
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#6
Chloroethane
Concen: 81.681 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

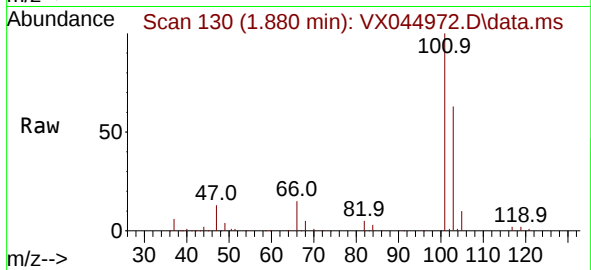
Tgt Ion: 64 Resp: 44294
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 51.086 ug/l
RT: 1.880 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

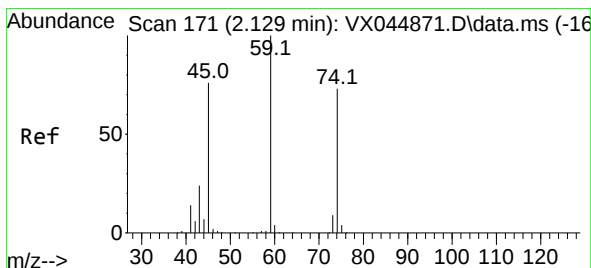
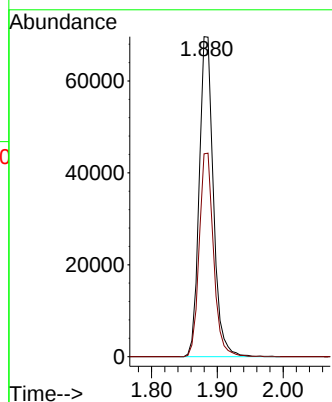
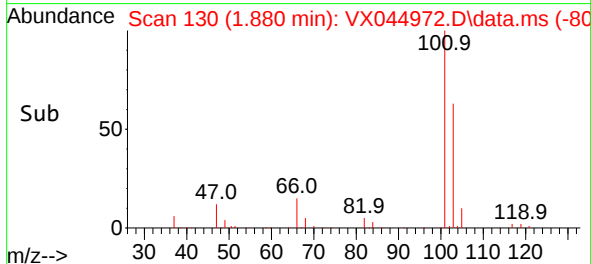
Instrument :
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Tgt Ion:101 Resp: 10408
Ion Ratio Lower Upper
101 100
103 63.4 52.4 78.6

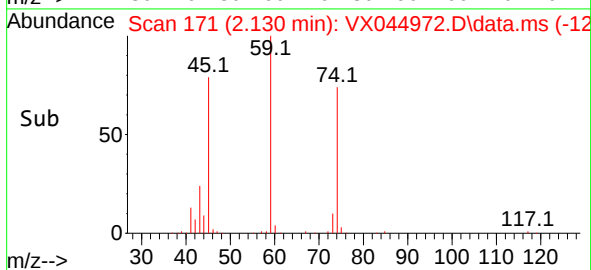
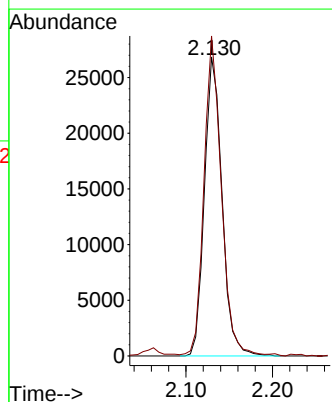
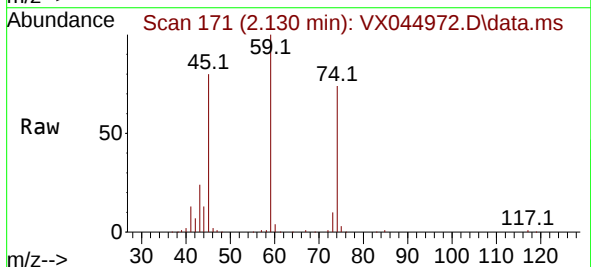
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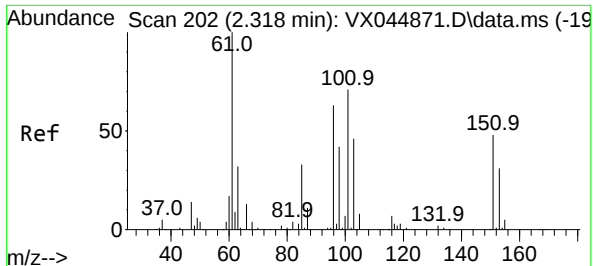
Reviewed By :John Carlone 02/18/2025
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#8
Diethyl Ether
Concen: 51.325 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.001 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

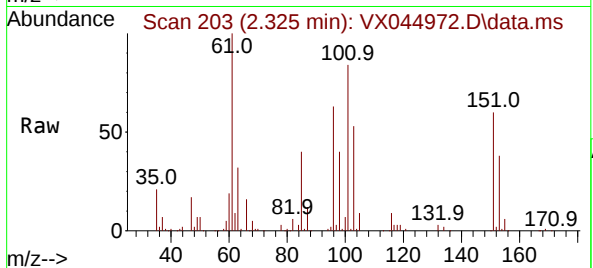
Tgt Ion: 74 Resp: 37925
Ion Ratio Lower Upper
74 100
45 105.8 51.1 153.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.482 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

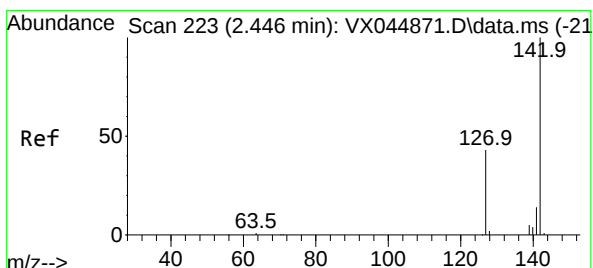
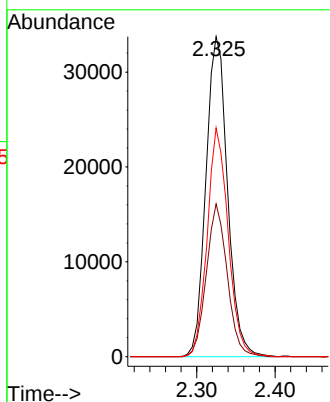
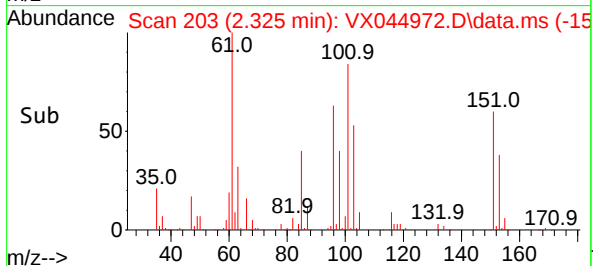
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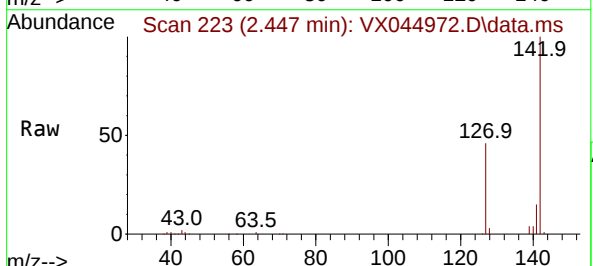
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Ion Ratio Lower Upper
101 100
85 46.2 35.7 53.5
151 69.4 56.0 84.0

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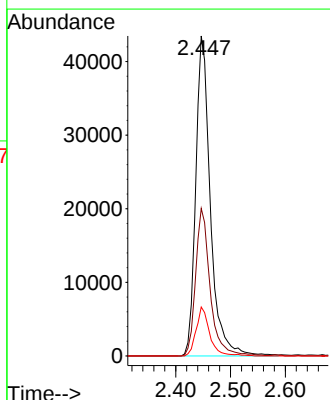
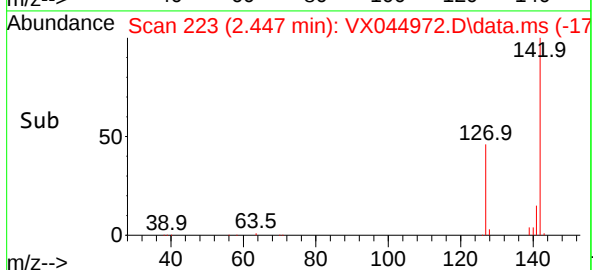
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

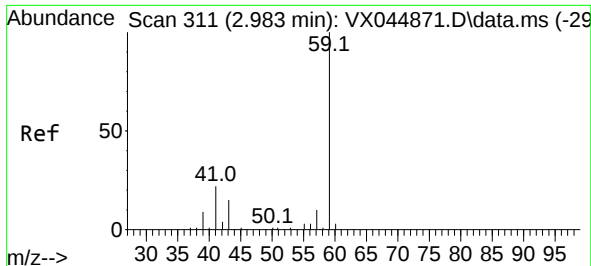


#10
Methyl Iodide
Concen: 50.797 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion:142 Resp: 81043
Ion Ratio Lower Upper
142 100
127 45.7 34.3 51.5
141 14.1 11.4 17.2





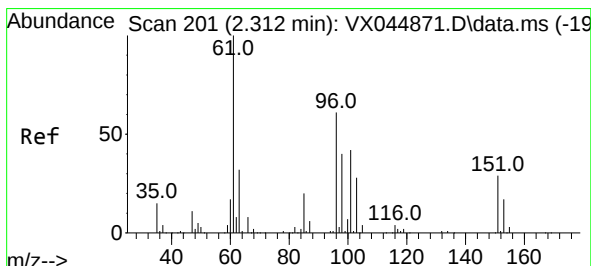
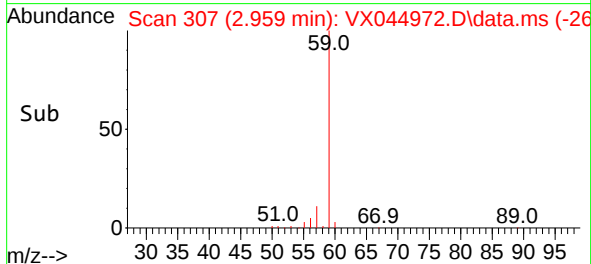
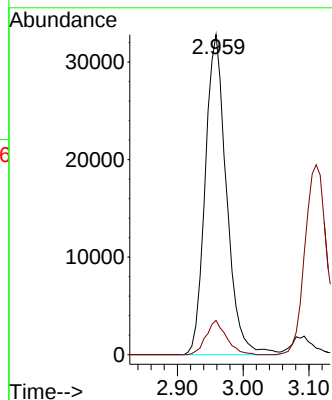
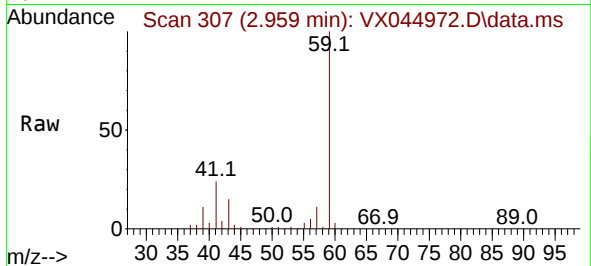
#11
Tert butyl alcohol
Concen: 278.961 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion: 59 Resp: 73804
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

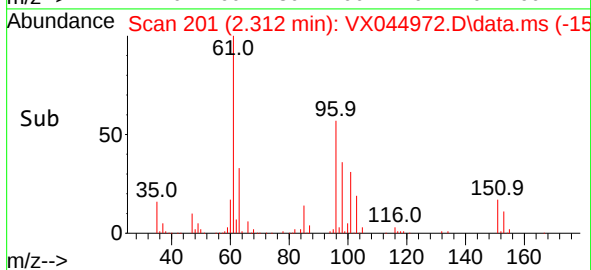
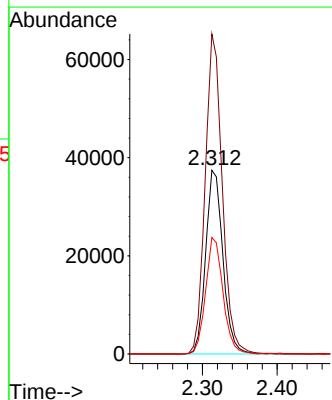
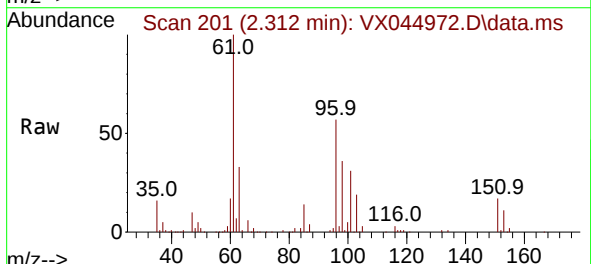
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#12
1,1-Dichloroethene
Concen: 47.764 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

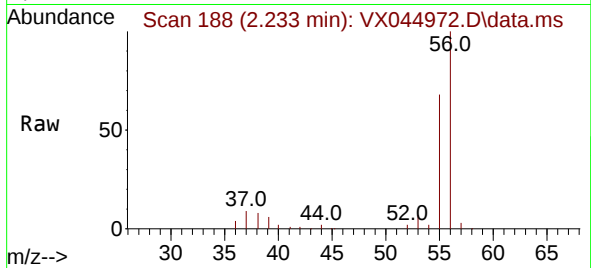
Tgt Ion: 96 Resp: 59978
Ion Ratio Lower Upper
96 100
61 174.2 130.2 195.4
98 63.4 52.2 78.4





#13
Acrolein
Concen: 278.704 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

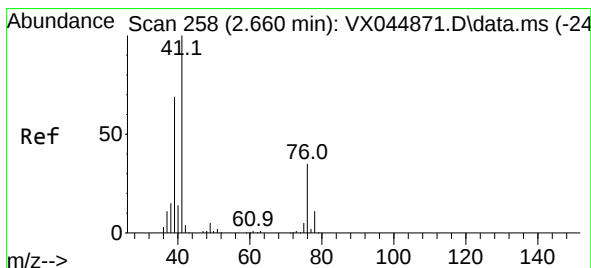
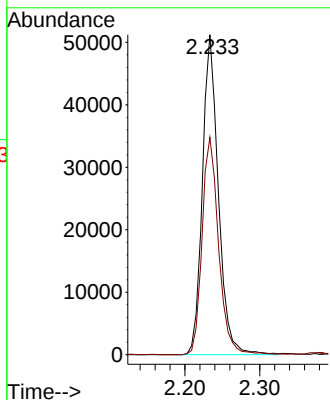
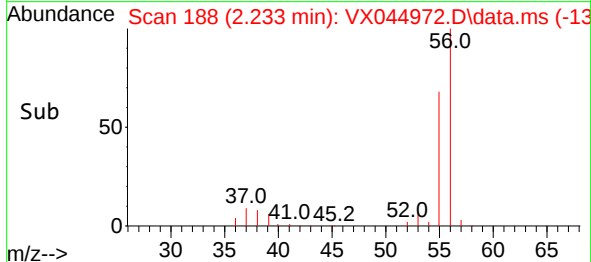
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion: 56 Resp: 7607
Ion Ratio Lower Upper
56 100
55 70.2 55.7 83.5

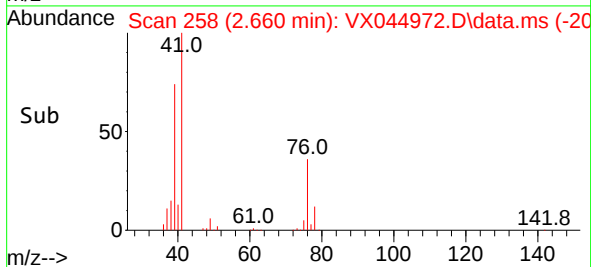
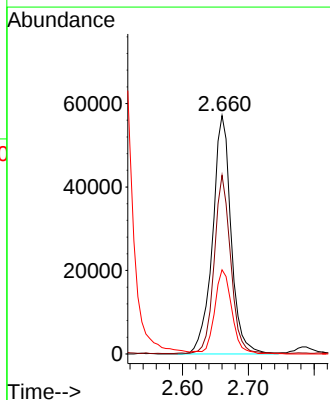
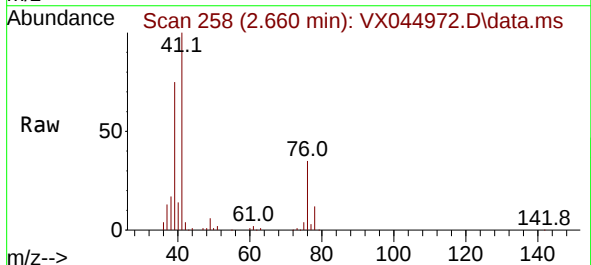
Manual Integrations
APPROVED

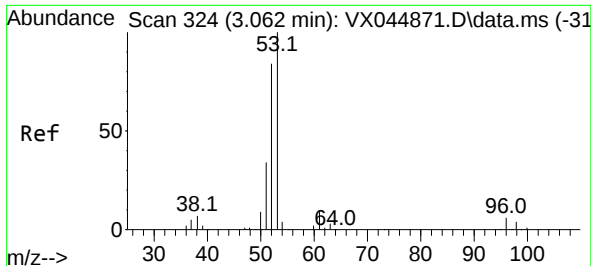
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#14
Allyl chloride
Concen: 49.501 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

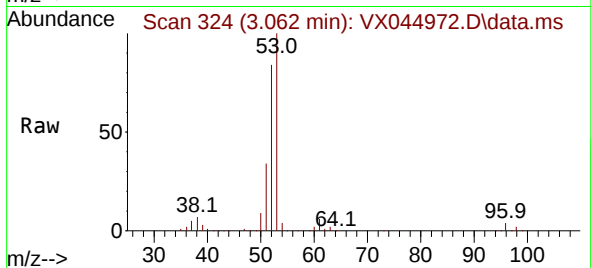
Tgt Ion: 41 Resp: 112339
Ion Ratio Lower Upper
41 100
39 66.3 51.4 77.2
76 32.0 27.0 40.4





#15
Acrylonitrile
Concen: 274.621 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

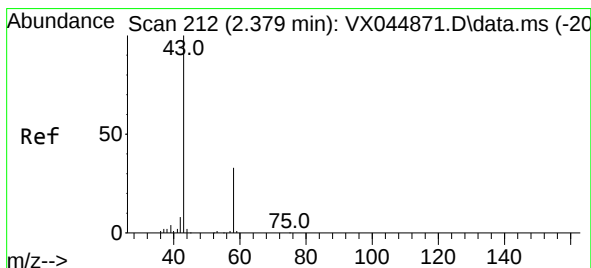
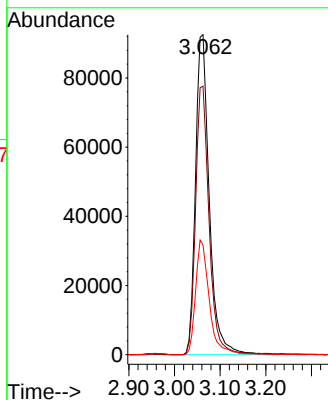
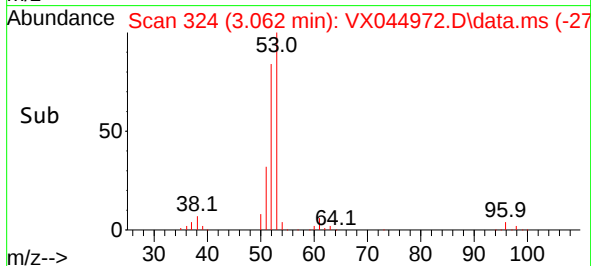
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion: 53 Resp: 193989
Ion Ratio Lower Upper
53 100
52 82.3 65.0 97.6
51 35.7 28.0 42.0

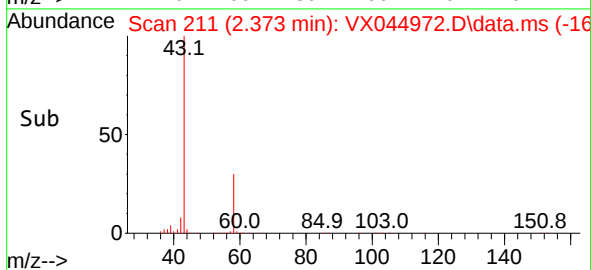
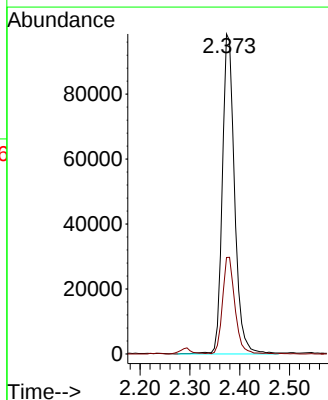
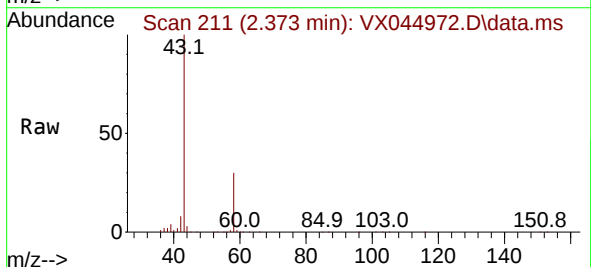
Manual Integrations
APPROVED

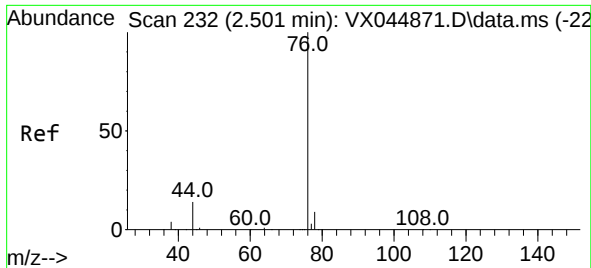
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#16
Acetone
Concen: 293.805 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 43 Resp: 168441
Ion Ratio Lower Upper
43 100
58 30.0 26.5 39.7





#17

Carbon Disulfide

Concen: 44.116 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion: 76 Resp: 151908

Ion Ratio Lower Upper

76 100

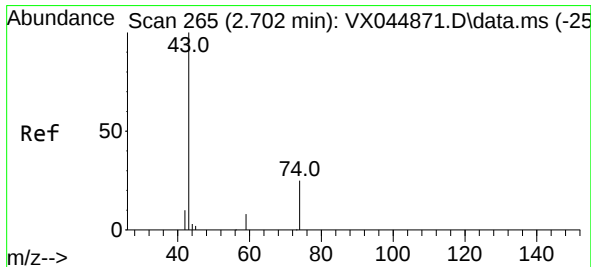
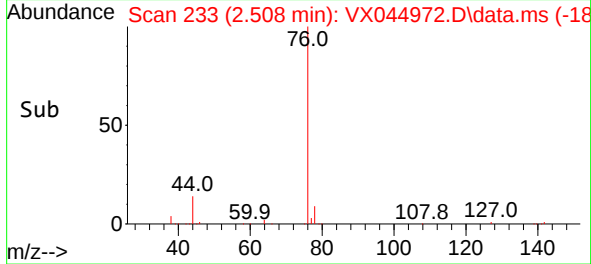
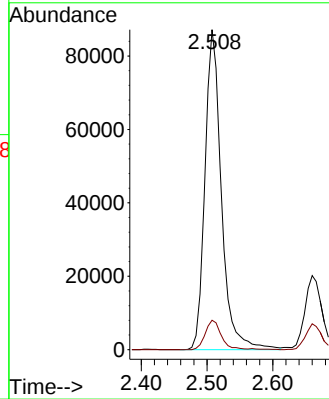
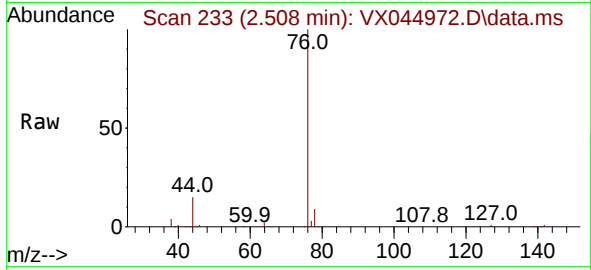
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#18

Methyl Acetate

Concen: 53.113 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044972.D

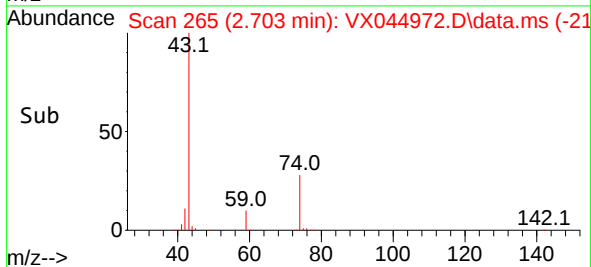
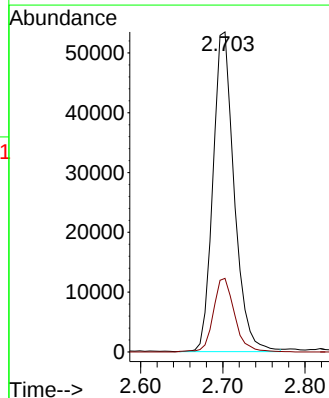
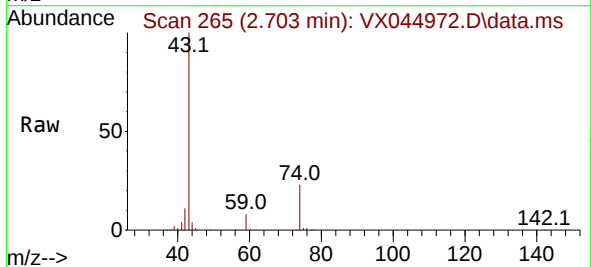
Acq: 14 Feb 2025 19:20

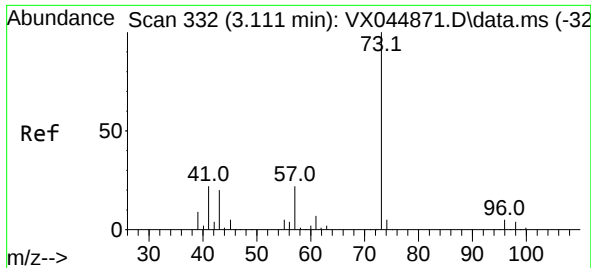
Tgt Ion: 43 Resp: 96089

Ion Ratio Lower Upper

43 100

74 23.0 18.9 28.3





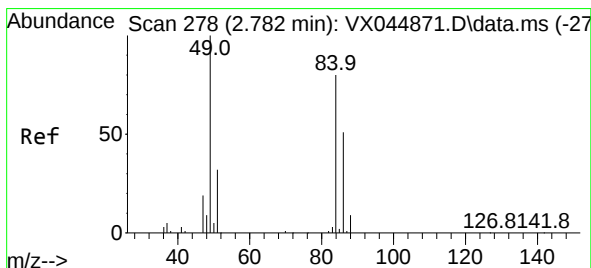
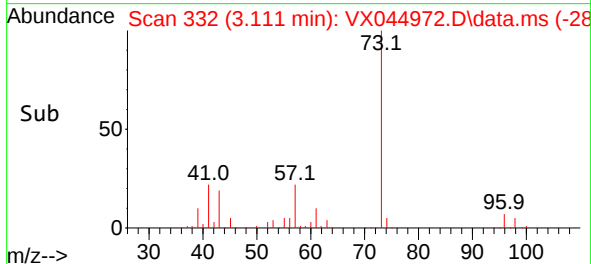
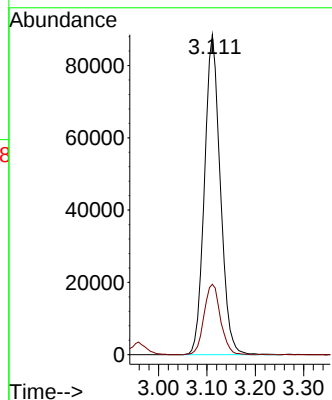
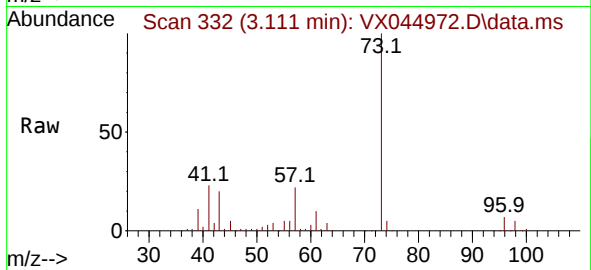
#19
Methyl tert-butyl Ether
Concen: 50.337 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion: 73 Resp: 20111
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9

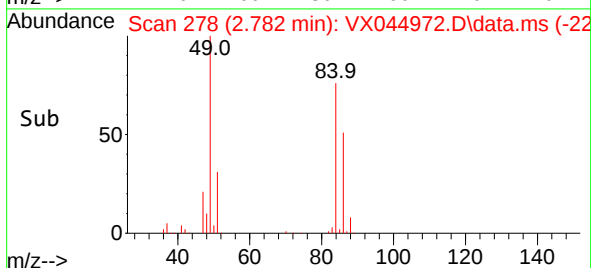
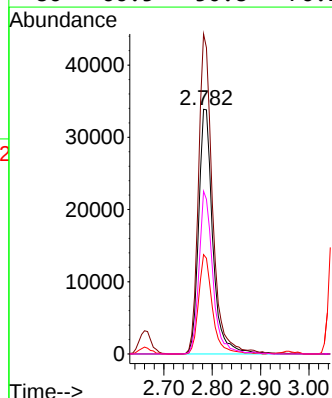
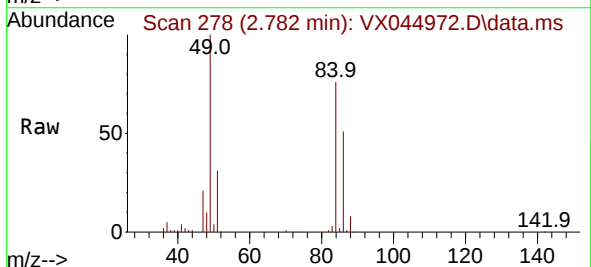
Manual Integrations
APPROVED

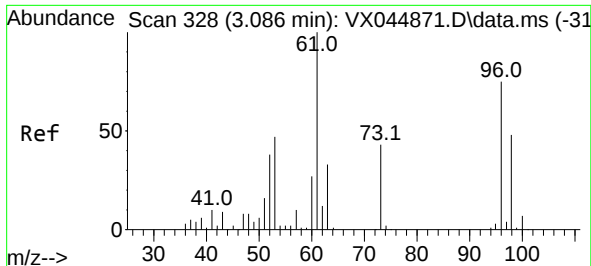
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#20
Methylene Chloride
Concen: 48.904 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

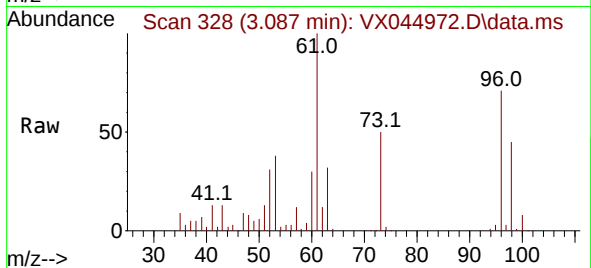
Tgt Ion: 84 Resp: 68674
Ion Ratio Lower Upper
84 100
49 130.8 100.1 150.1
51 40.7 31.7 47.5
86 66.5 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 49.620 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

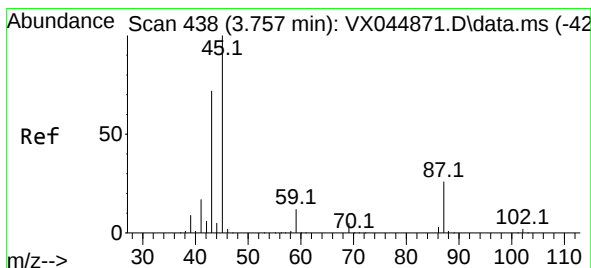
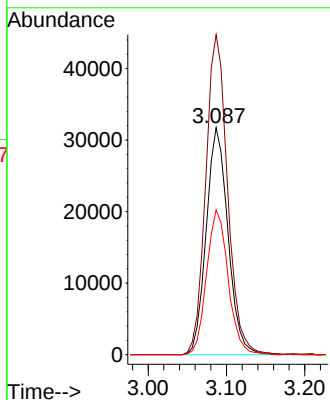
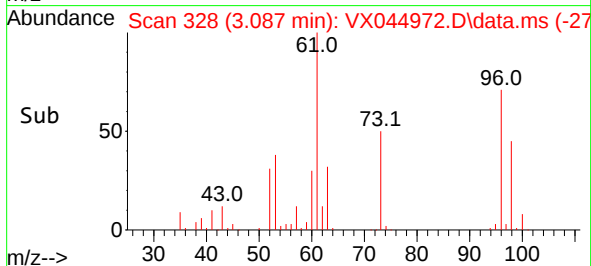
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



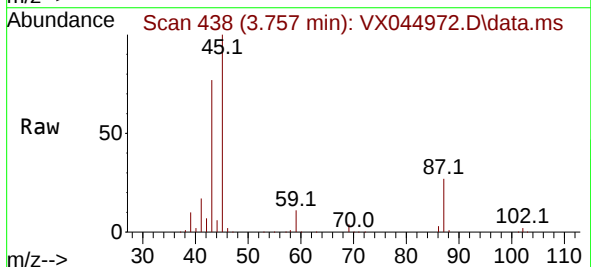
Tgt Ion: 96 Resp: 61329
Ion Ratio Lower Upper
96 100
61 140.9 106.0 159.0
98 63.8 50.6 76.0

Manual Integrations
APPROVED

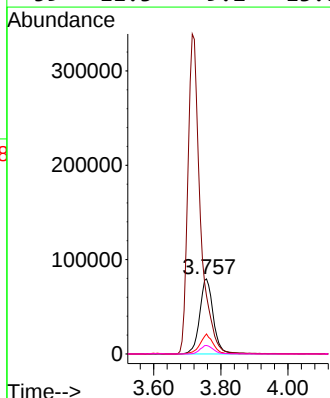
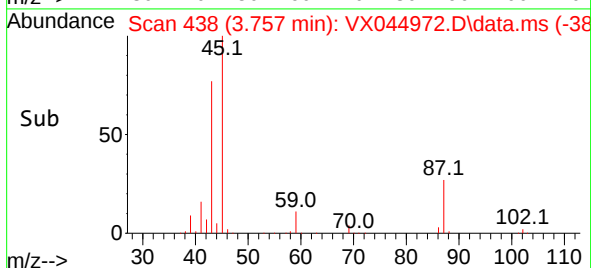
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

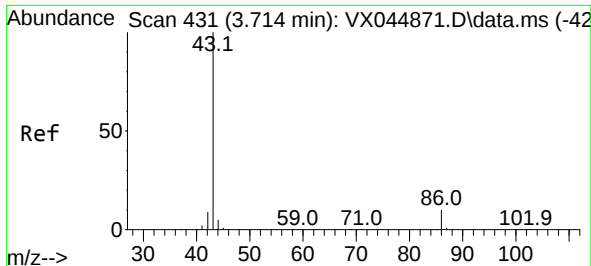


#22
Diisopropyl ether
Concen: 52.190 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



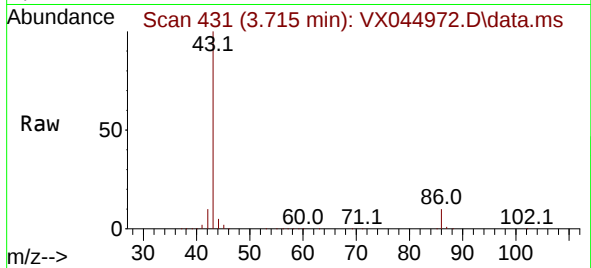
Tgt Ion: 45 Resp: 224076
Ion Ratio Lower Upper
45 100
43 77.0 58.0 87.0
87 26.8 20.7 31.1
59 11.3 9.2 13.8





#23
 Vinyl Acetate
 Concen: 249.407 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

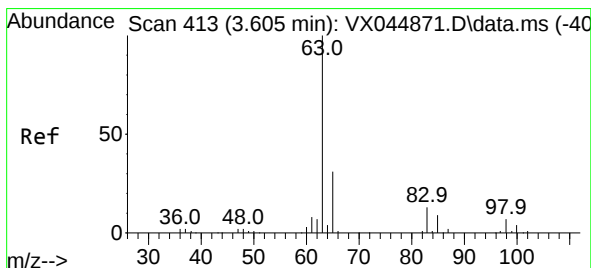
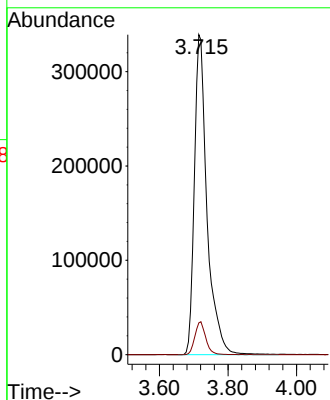
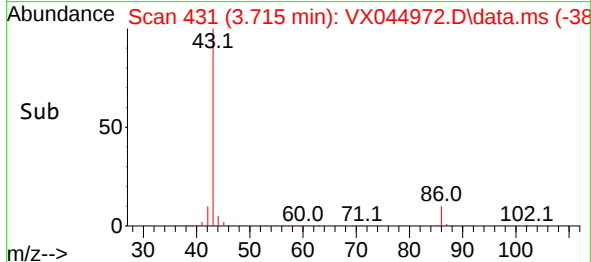
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MS



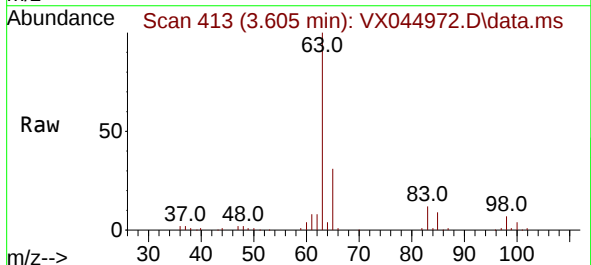
Tgt Ion: 43 Resp: 872980
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.3 12.5

Manual Integrations
 APPROVED

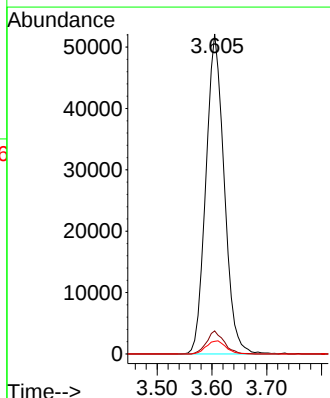
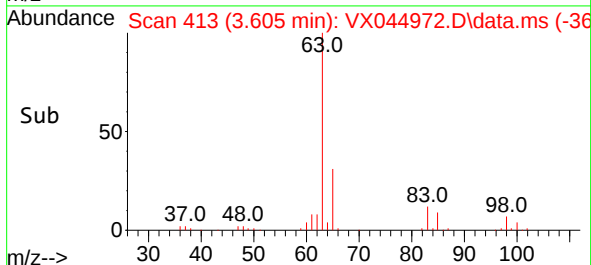
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025

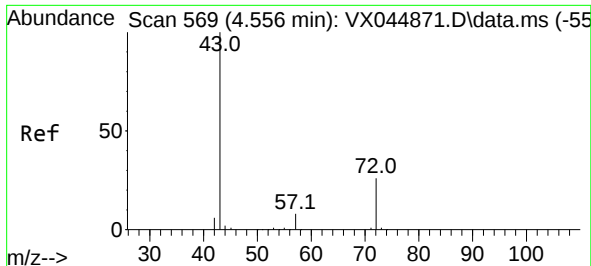


#24
 1,1-Dichloroethane
 Concen: 50.318 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20



Tgt Ion: 63 Resp: 120881
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.3 9.9
 100 4.0 2.1 6.5





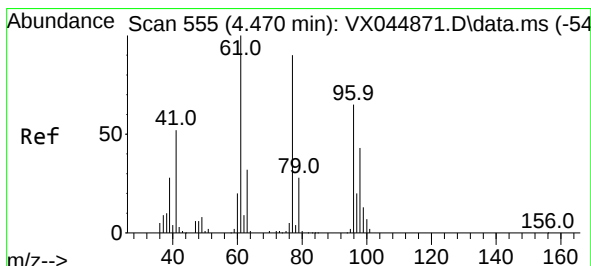
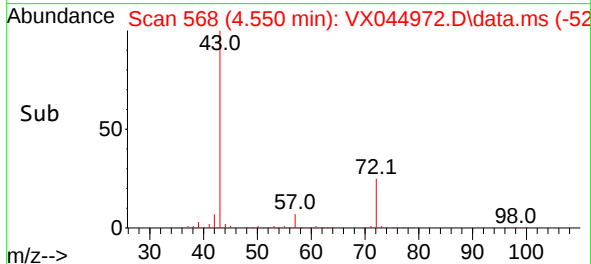
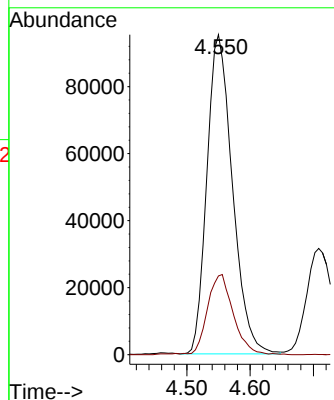
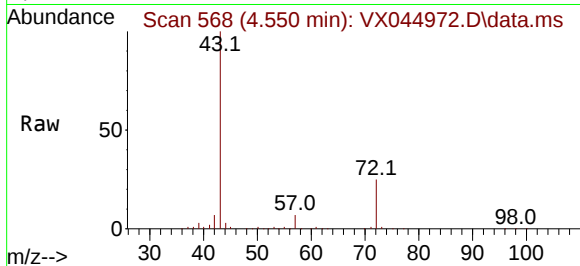
#25
2-Butanone
Concen: 286.792 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion: 43 Resp: 266989
Ion Ratio Lower Upper
43 100
72 24.5 21.2 31.8

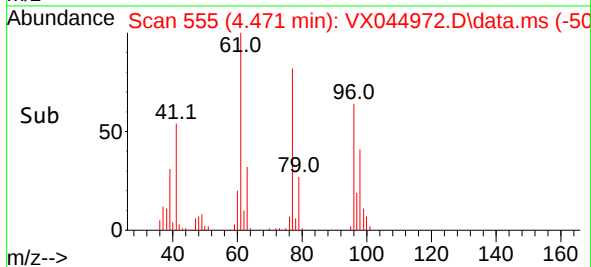
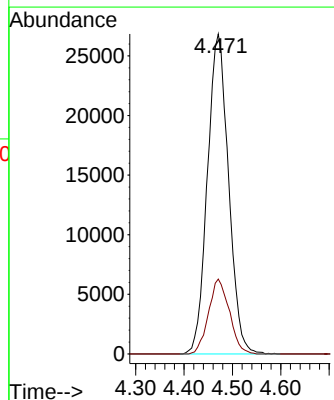
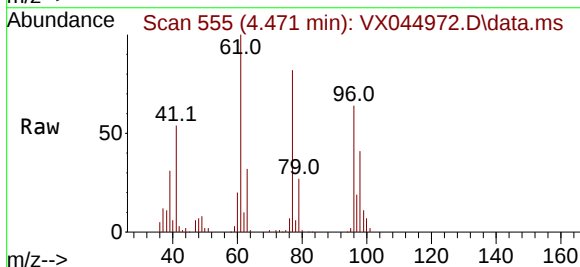
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#26
2,2-Dichloropropane
Concen: 42.741 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 77 Resp: 81427
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.688 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

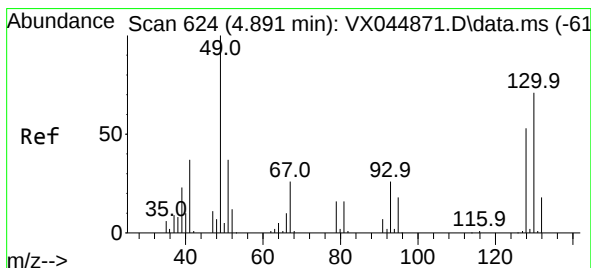
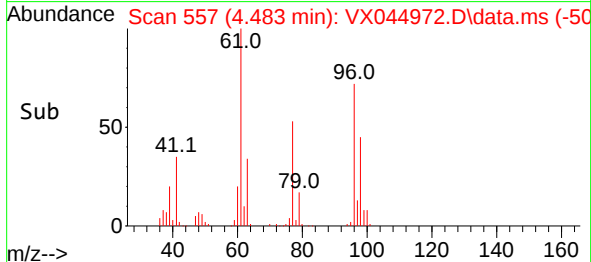
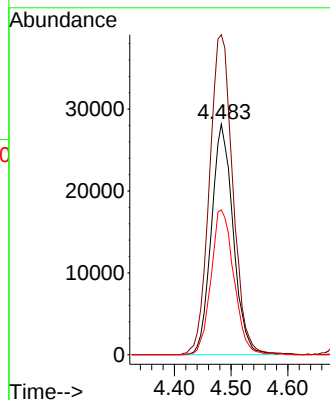
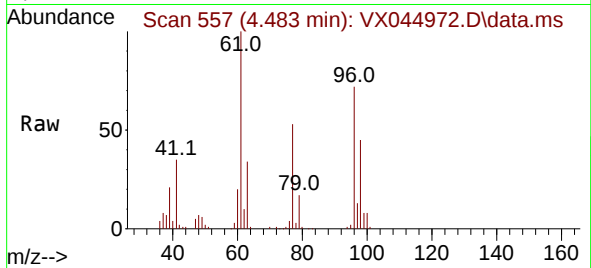
Tgt Ion: 96	Resp: 7524
Ion Ratio	Lower Upper
96	100
61	148.9 0.0 294.0
98	65.7 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#28

Bromochloromethane

Concen: 54.526 ug/l

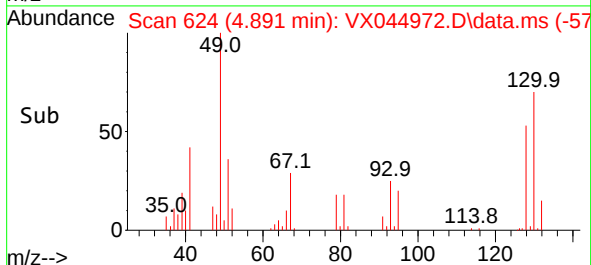
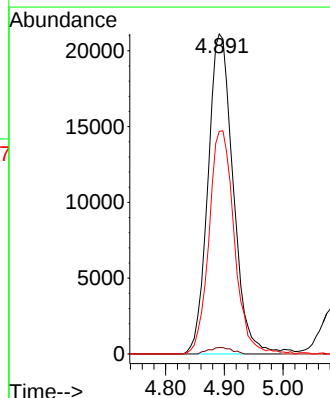
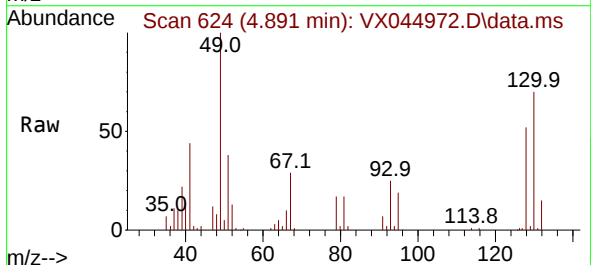
RT: 4.891 min Scan# 624

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

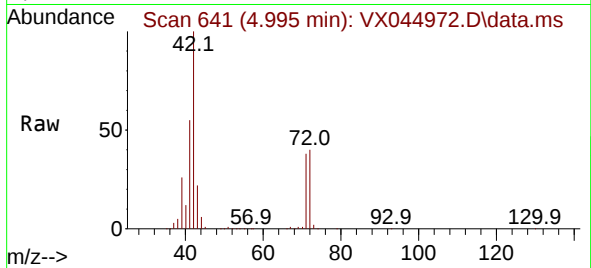
Tgt Ion: 49	Resp: 62951
Ion Ratio	Lower Upper
49	100
129	1.9 0.0 3.6
130	70.0 56.7 85.1





#29
Tetrahydrofuran
Concen: 282.292 ug/l
RT: 4.995 min Scan# 641
Delta R.T. -0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

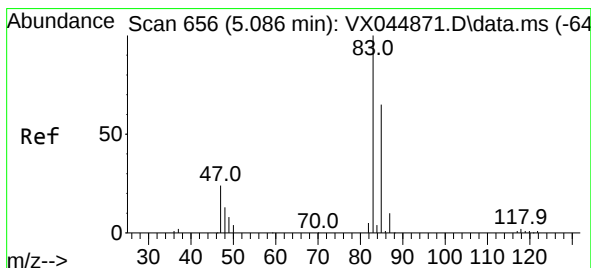
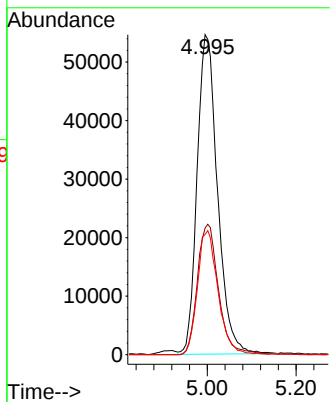
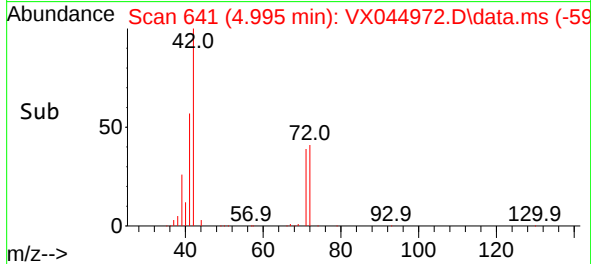
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion: 42 Resp: 17450
Ion Ratio Lower Upper
42 100
72 42.4 35.0 52.4
71 39.2 32.6 48.8

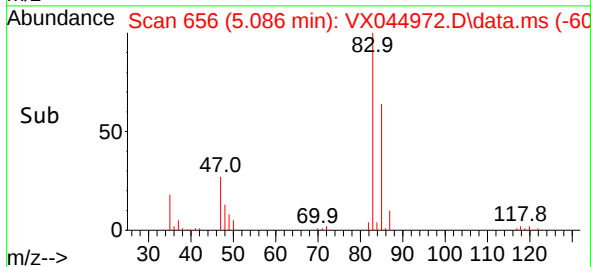
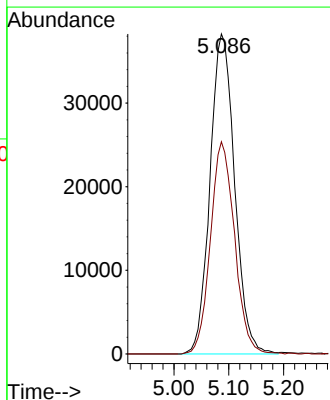
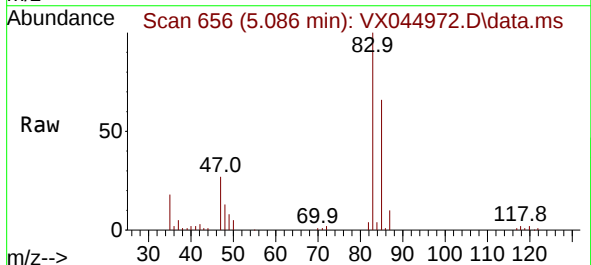
Manual Integrations
APPROVED

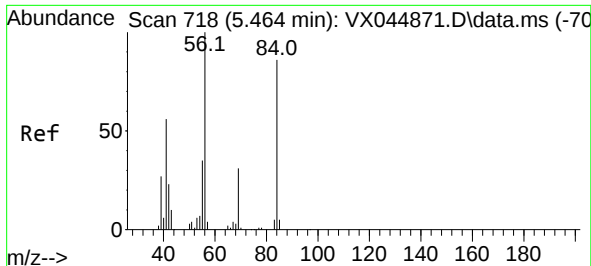
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#30
Chloroform
Concen: 51.272 ug/l
RT: 5.086 min Scan# 656
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

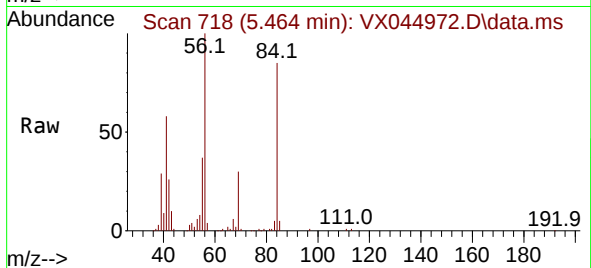
Tgt Ion: 83 Resp: 119451
Ion Ratio Lower Upper
83 100
85 66.3 52.1 78.1





#31
Cyclohexane
Concen: 47.224 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

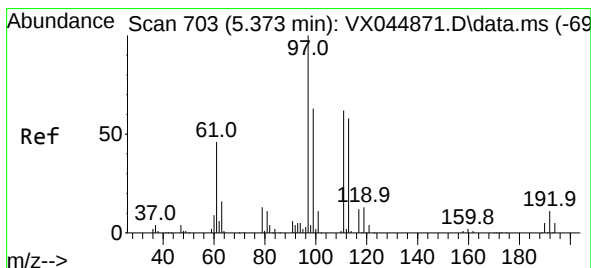
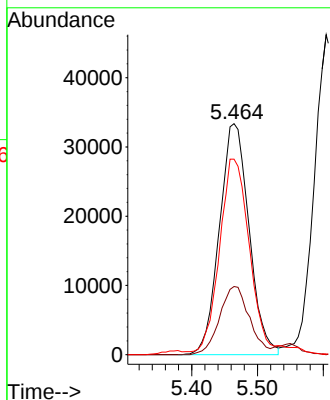
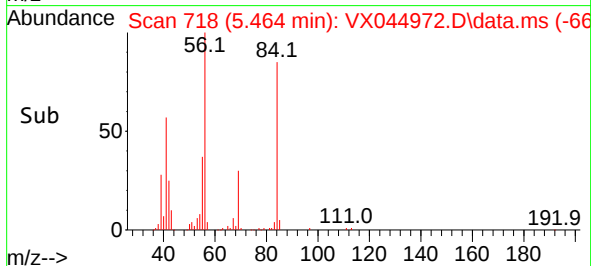
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



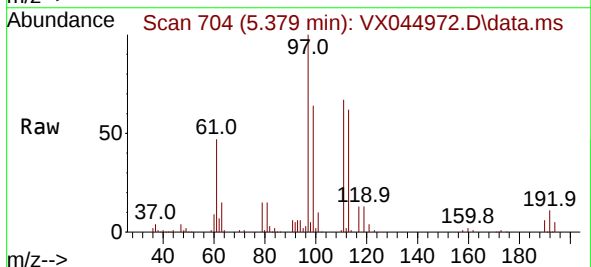
Tgt Ion: 56 Resp: 104588
Ion Ratio Lower Upper
56 100
69 29.5 24.4 36.6
84 82.8 69.0 103.6

Manual Integrations
APPROVED

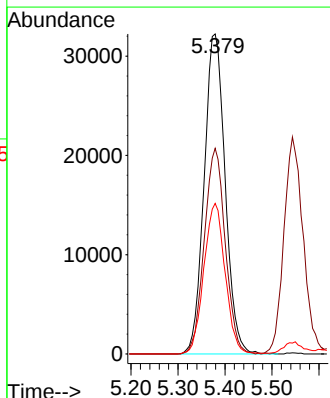
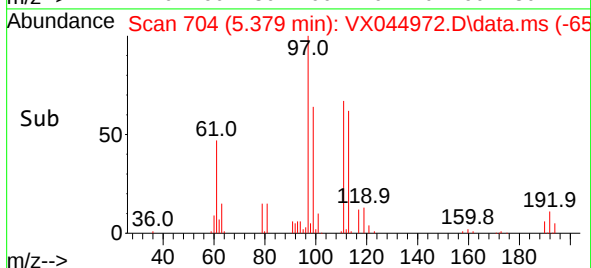
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

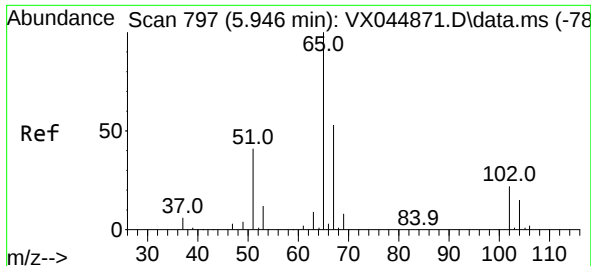


#32
1,1,1-Trichloroethane
Concen: 50.668 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion: 97 Resp: 100127
Ion Ratio Lower Upper
97 100
99 64.0 51.0 76.6
61 47.6 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 54.892 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion: 65 Resp: 7828

Ion Ratio Lower Upper

65 100

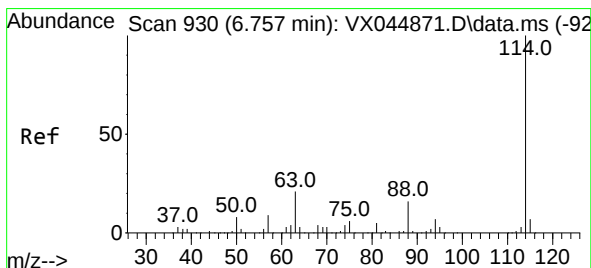
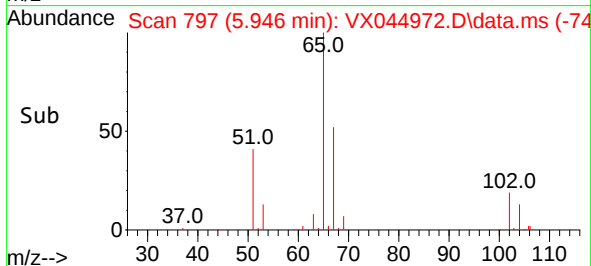
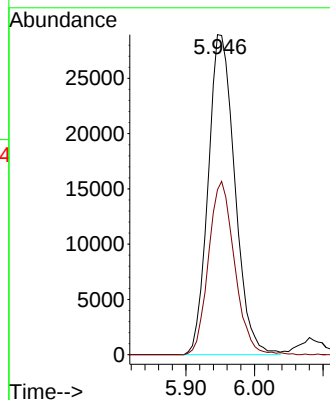
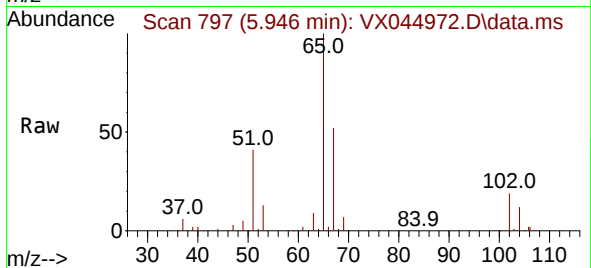
67 52.9 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

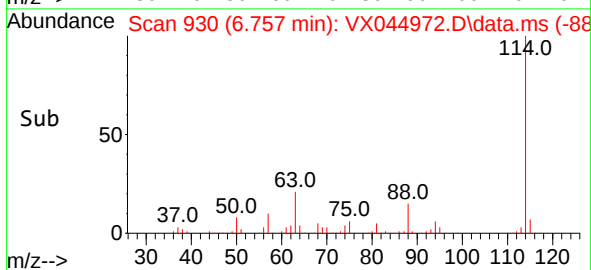
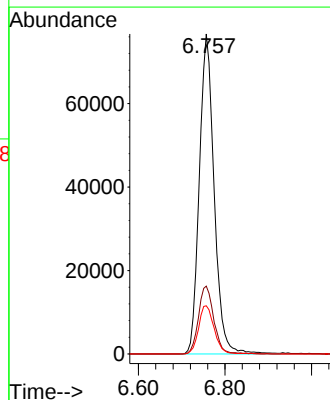
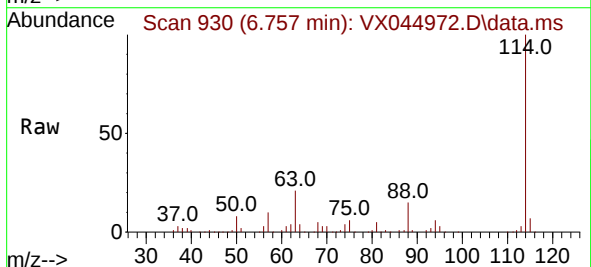
Tgt Ion:114 Resp: 182191

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.4

88 15.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 51.294 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion:113 Resp: 60760

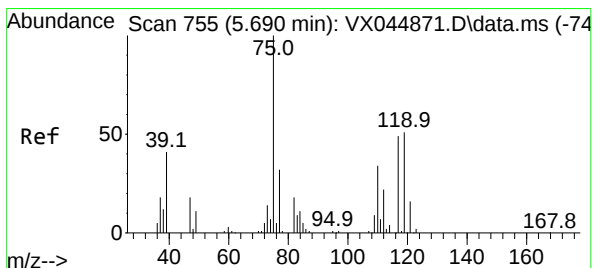
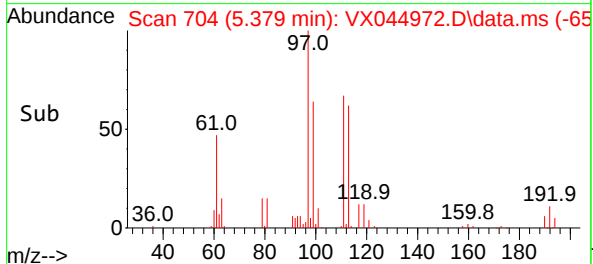
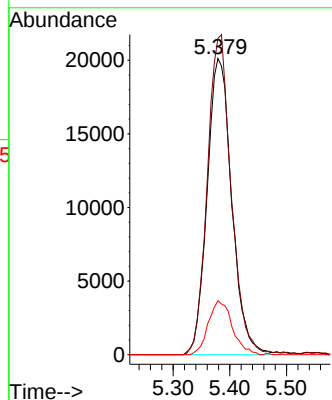
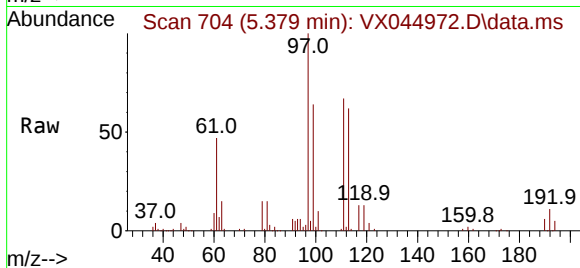
Ion	Ratio	Lower	Upper
113	100		
111	104.9	83.5	125.3
192	17.7	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#36

1,1-Dichloropropene

Concen: 47.648 ug/l

RT: 5.684 min Scan# 754

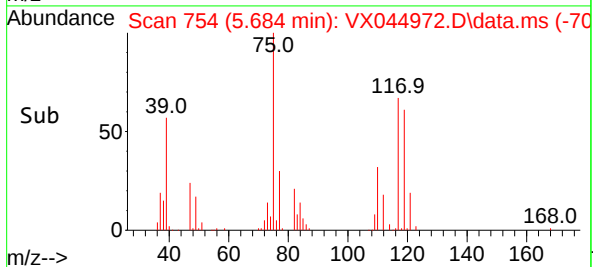
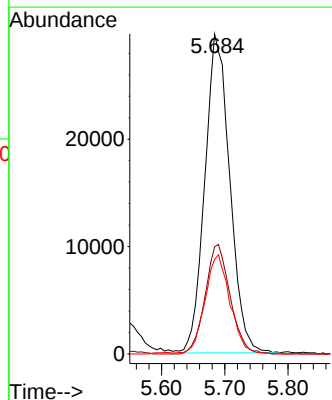
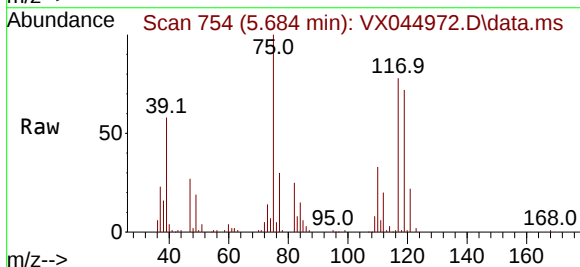
Delta R.T. -0.006 min

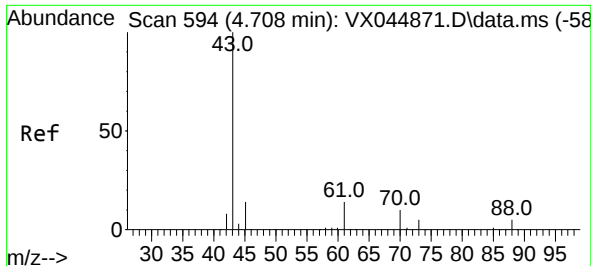
Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Tgt Ion: 75 Resp: 81429

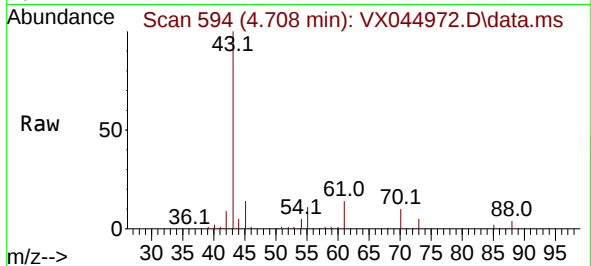
Ion	Ratio	Lower	Upper
75	100		
110	34.3	17.2	51.6
77	31.1	24.6	37.0





#37
Ethyl Acetate
Concen: 49.686 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

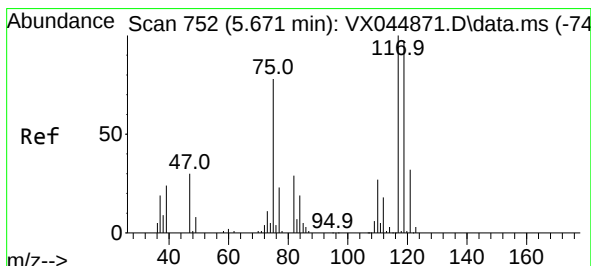
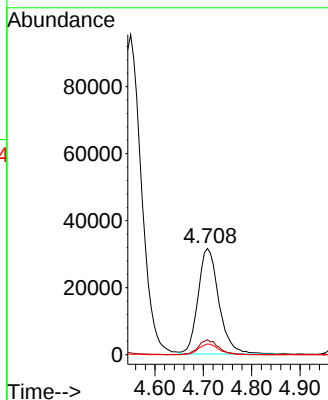
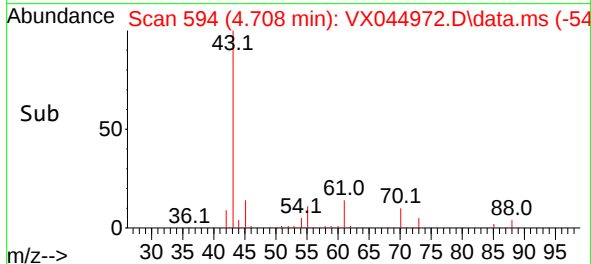
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion: 43 Resp: 94440
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 9.9 8.2 12.2

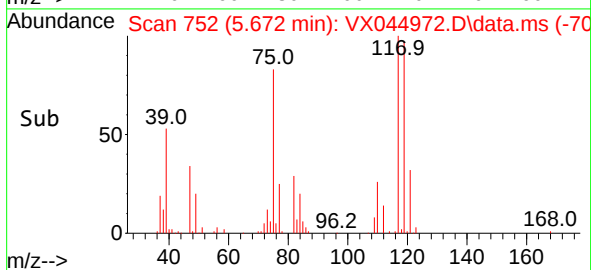
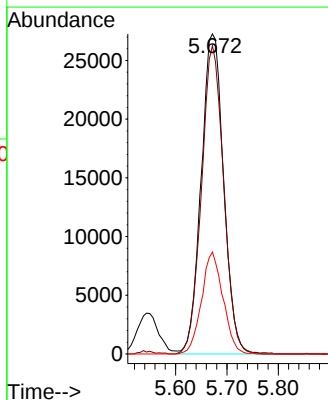
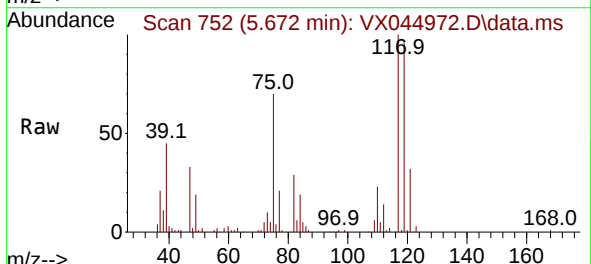
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#38
Carbon Tetrachloride
Concen: 49.468 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion:117 Resp: 82844
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
121 31.8 25.6 38.4





#39

Methylcyclohexane

Concen: 47.265 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion: 83 Resp: 104430

Ion Ratio Lower Upper

83 100

55 76.0 61.3 91.9

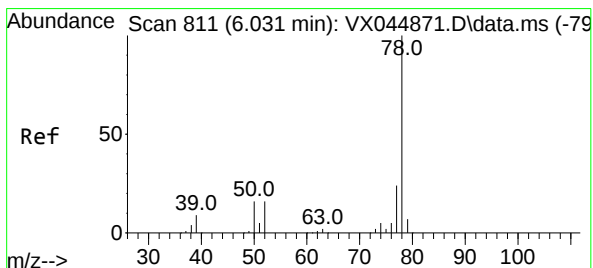
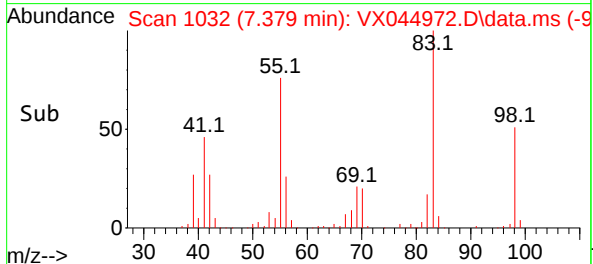
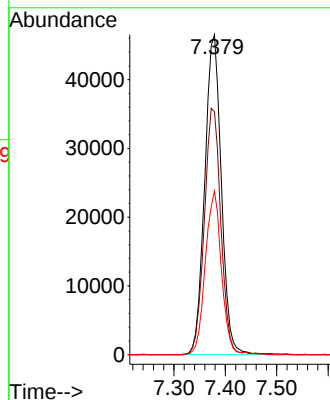
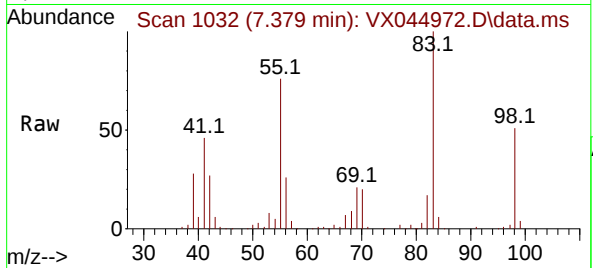
98 51.2 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#40

Benzene

Concen: 48.202 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX044972.D

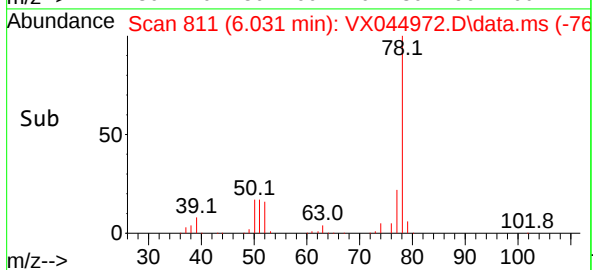
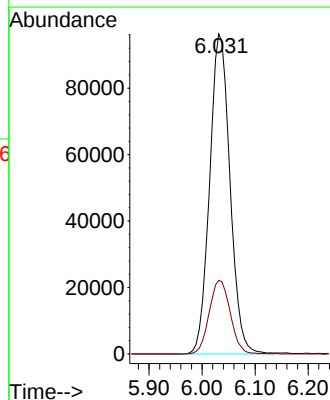
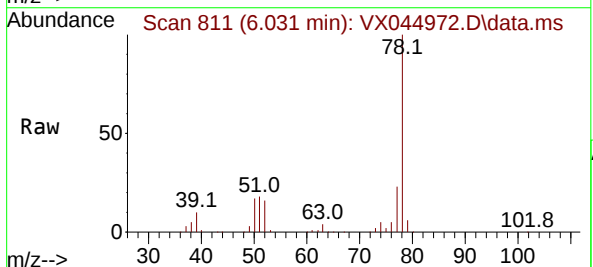
Acq: 14 Feb 2025 19:20

Tgt Ion: 78 Resp: 257225

Ion Ratio Lower Upper

78 100

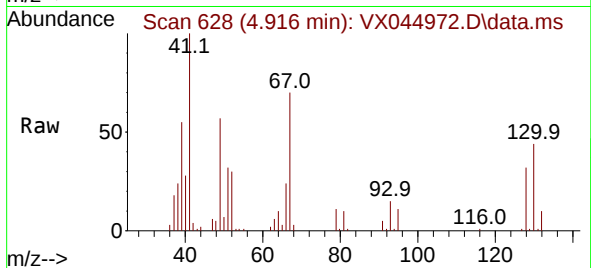
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 53.984 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

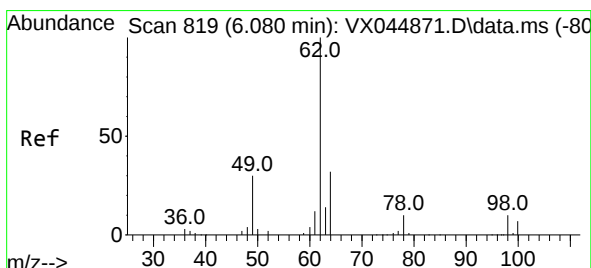
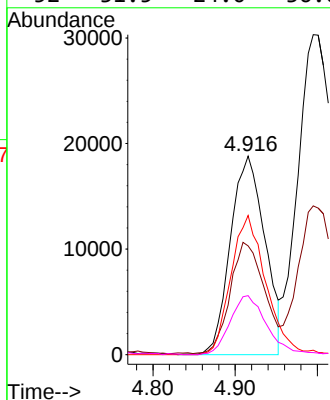
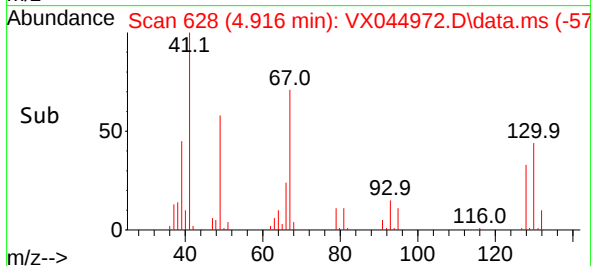
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion: 41 Resp: 5492
Ion Ratio Lower Upper
41 100
39 55.2 43.1 64.7
67 71.6 57.0 85.6
52 31.5 24.0 36.0

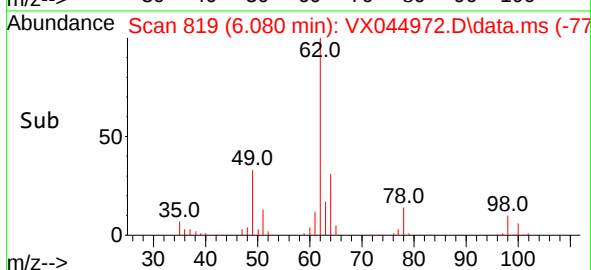
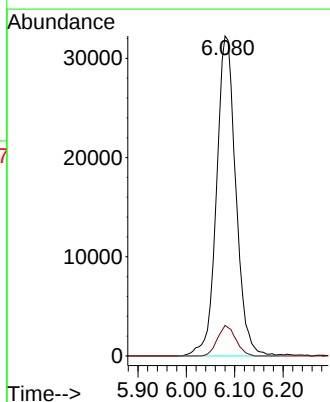
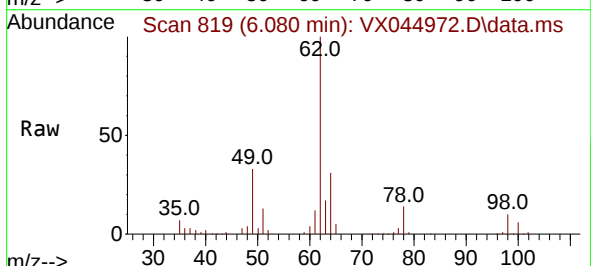
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#42
1,2-Dichloroethane
Concen: 52.616 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

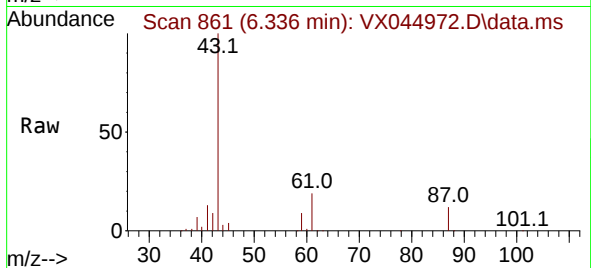
Tgt Ion: 62 Resp: 89488
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.235 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

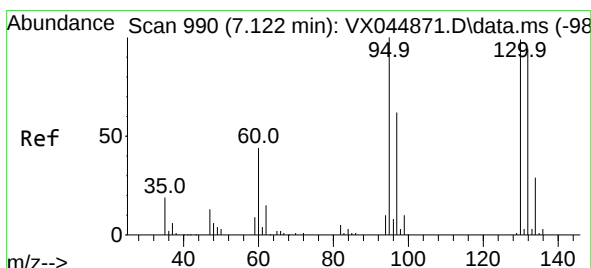
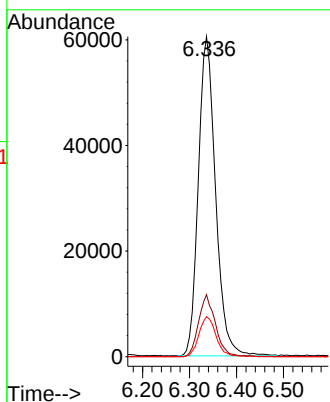
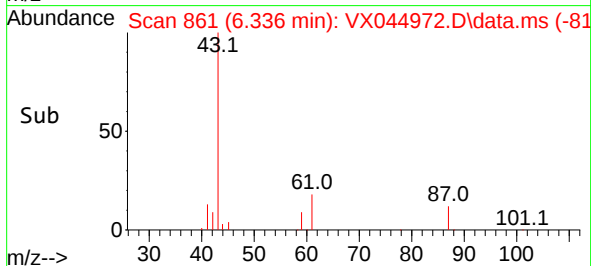
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



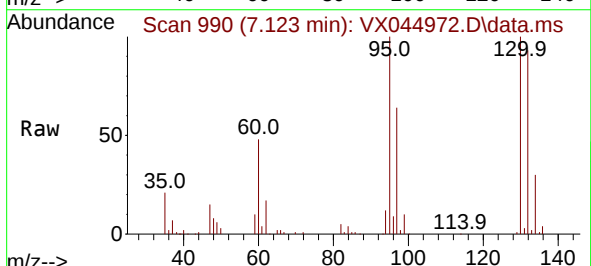
Tgt Ion: 43 Resp: 15420
Ion Ratio Lower Upper
43 100
61 18.8 15.8 23.8
87 12.4 10.0 15.0

Manual Integrations
APPROVED

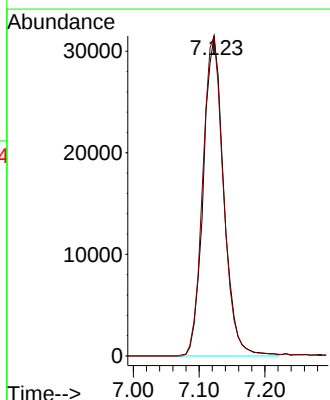
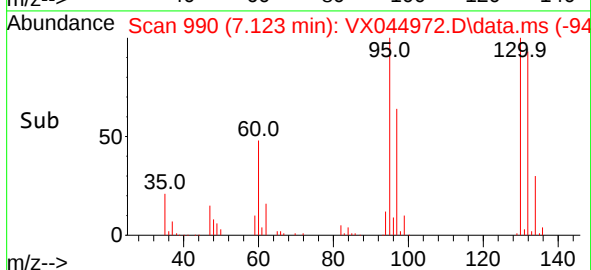
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

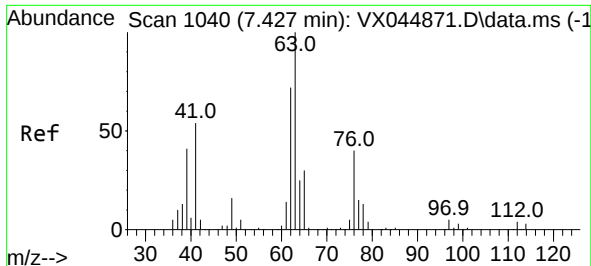


#44
Trichloroethene
Concen: 55.749 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion:130 Resp: 68001
Ion Ratio Lower Upper
130 100
95 100.2 0.0 202.4





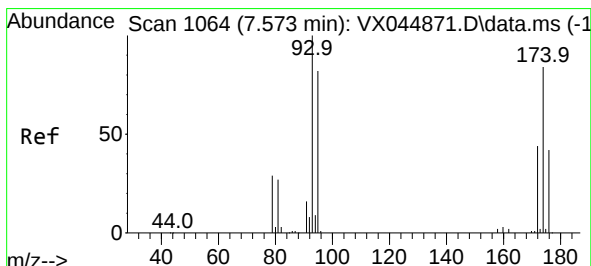
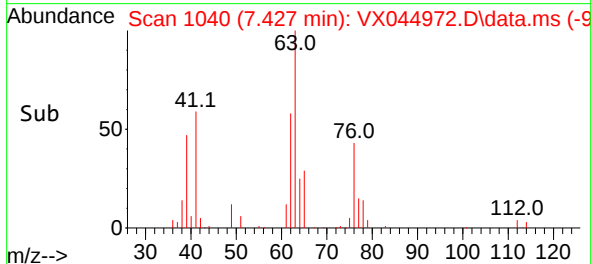
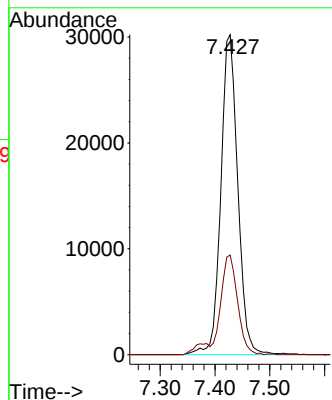
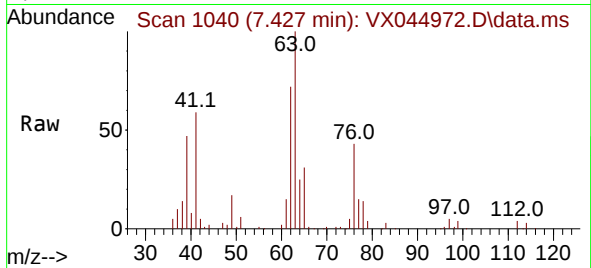
#45
1,2-Dichloropropane
Concen: 48.915 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion: 63 Resp: 6494
Ion Ratio Lower Upper
63 100
65 31.1 24.2 36.4

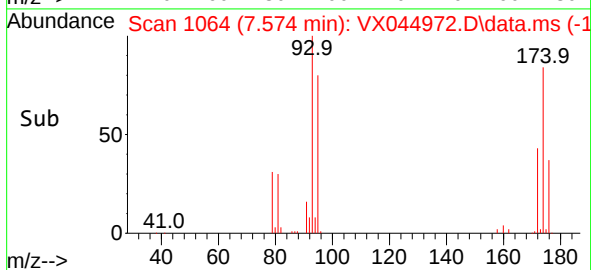
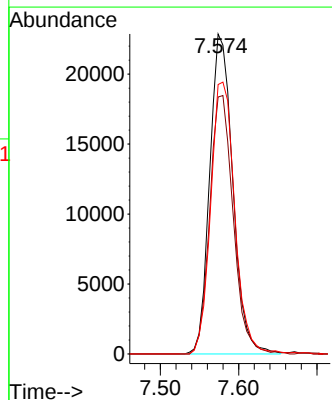
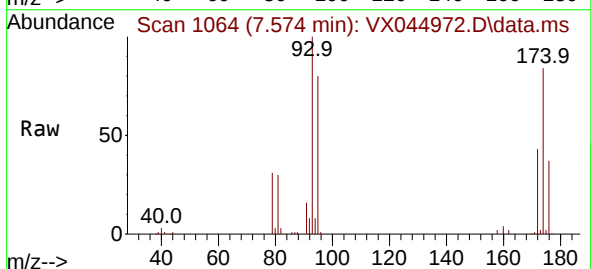
Manual Integrations
APPROVED

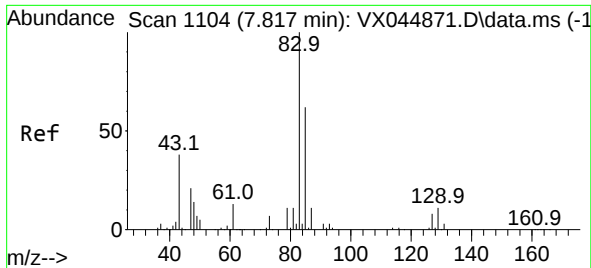
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#46
Dibromomethane
Concen: 50.753 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

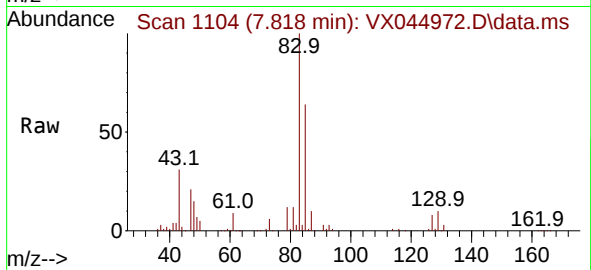
Tgt Ion: 93 Resp: 46729
Ion Ratio Lower Upper
93 100
95 82.3 66.2 99.4
174 88.8 69.9 104.9





#47
Bromodichloromethane
Concen: 51.725 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

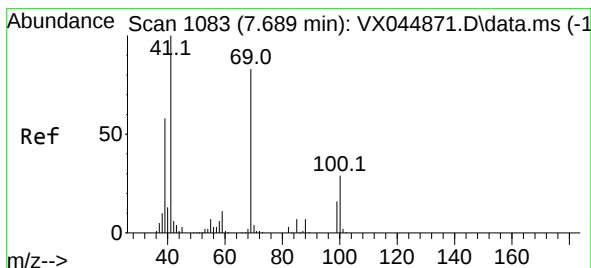
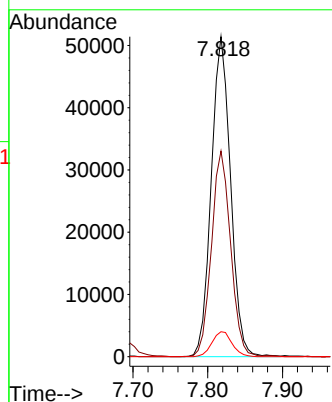
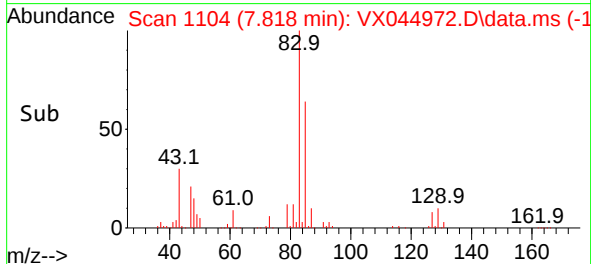
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion: 83 Resp: 92211
Ion Ratio Lower Upper
83 100
85 64.2 50.0 75.0
127 7.8 6.4 9.6

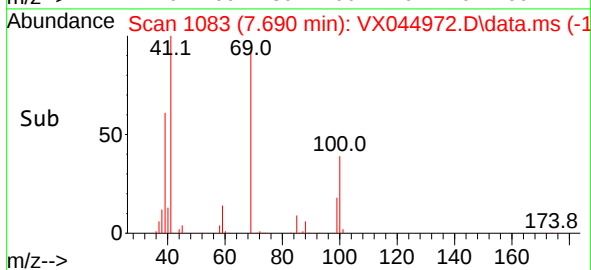
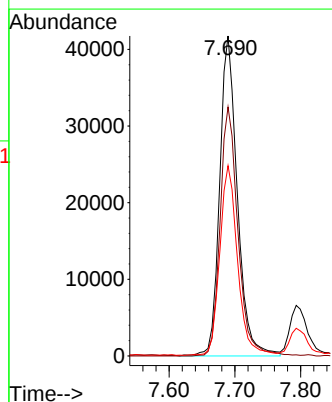
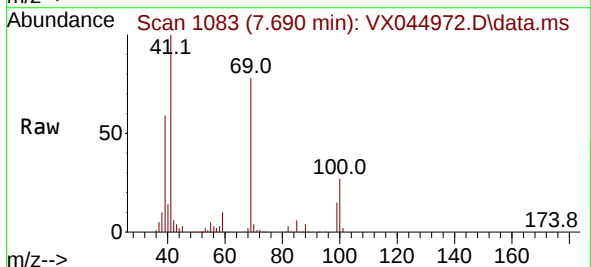
Manual Integrations
APPROVED

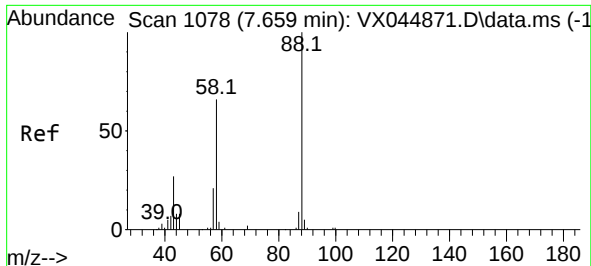
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#48
Methyl methacrylate
Concen: 54.037 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Tgt Ion: 41 Resp: 78211
Ion Ratio Lower Upper
41 100
69 78.6 65.8 98.8
39 59.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1182.817 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion: 88 Resp: 36730

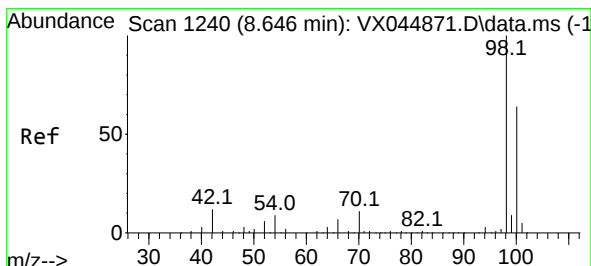
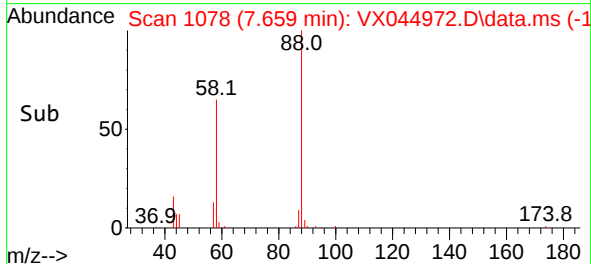
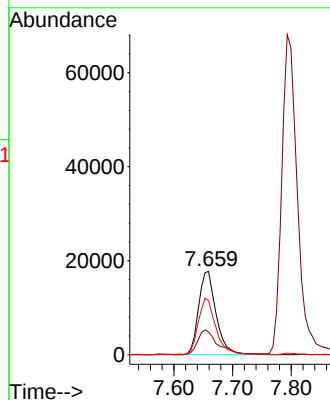
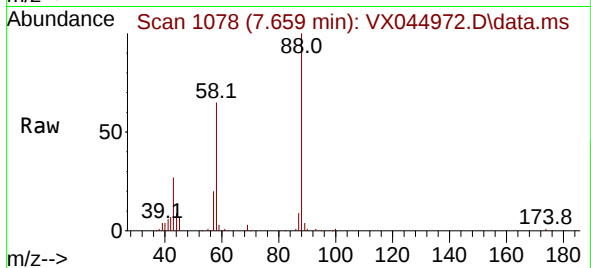
Ion	Ratio	Lower	Upper
88	100		
43	34.9	26.6	39.8
58	67.9	55.9	83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#50

Toluene-d8

Concen: 50.475 ug/l

RT: 8.647 min Scan# 1240

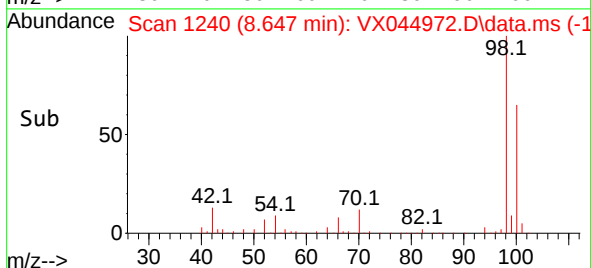
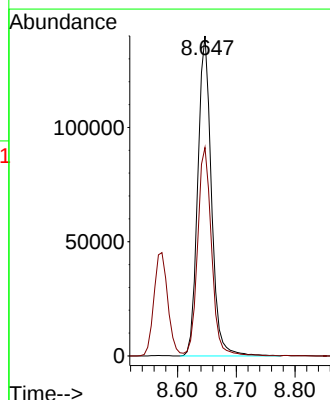
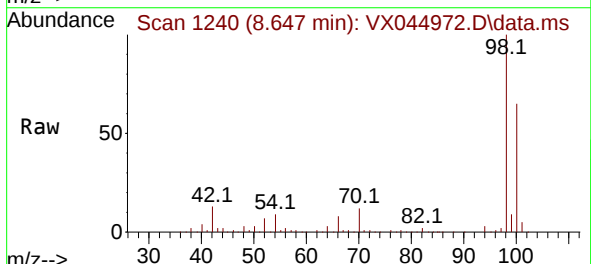
Delta R.T. 0.000 min

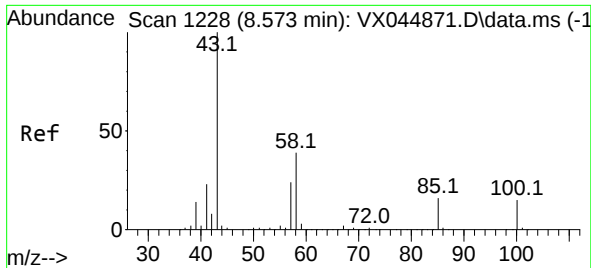
Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Tgt Ion: 98 Resp: 226090

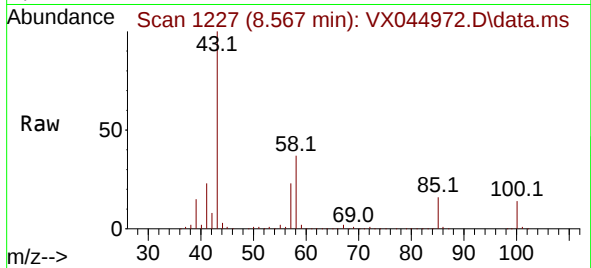
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 284.179 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

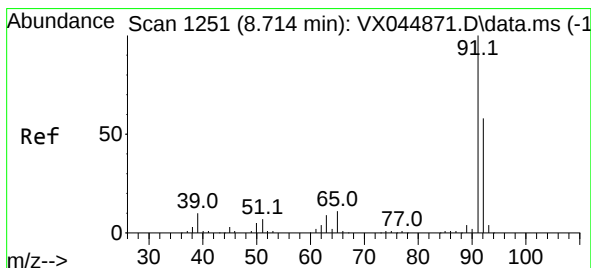
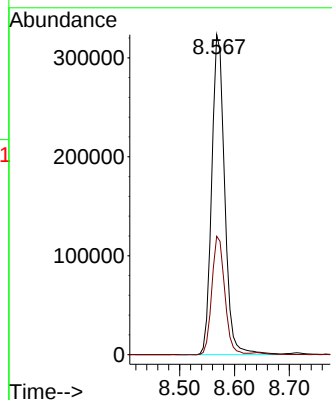
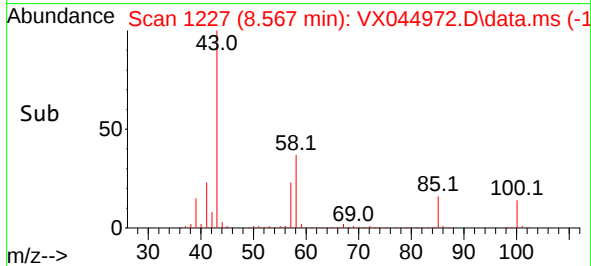
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



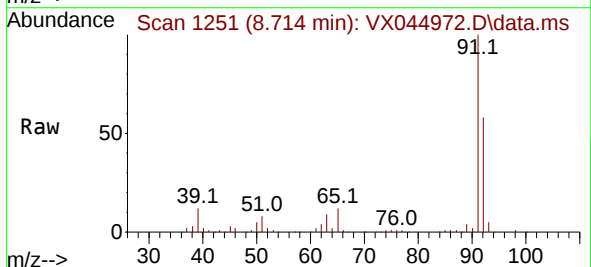
Tgt Ion: 43 Resp: 53032
Ion Ratio Lower Upper
43 100
58 36.9 30.8 46.2

Manual Integrations
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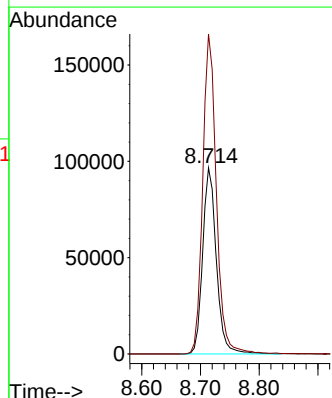
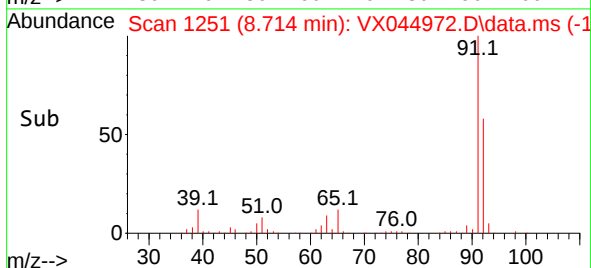
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

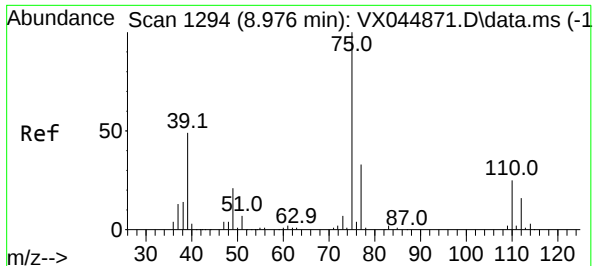


#52
Toluene
Concen: 49.291 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion: 92 Resp: 156652
Ion Ratio Lower Upper
92 100
91 171.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 47.340 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion: 75 Resp: 85404

Ion Ratio Lower Upper

75 100

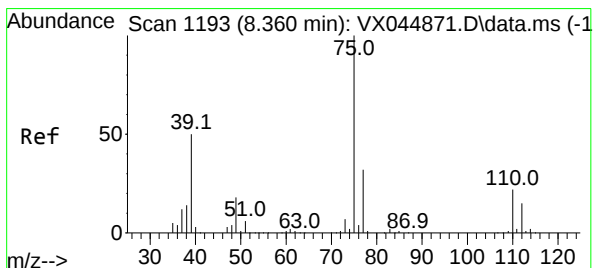
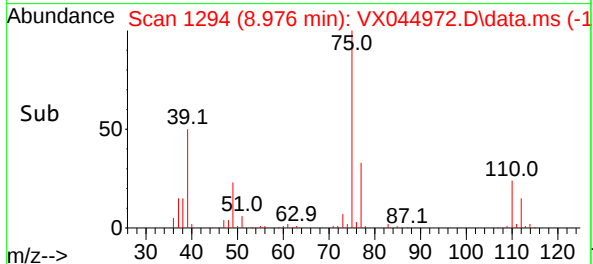
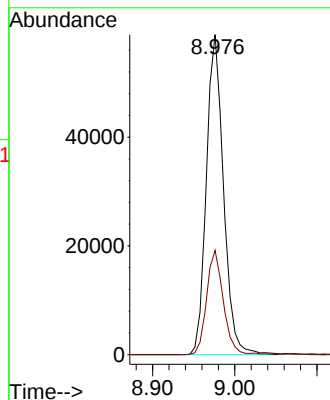
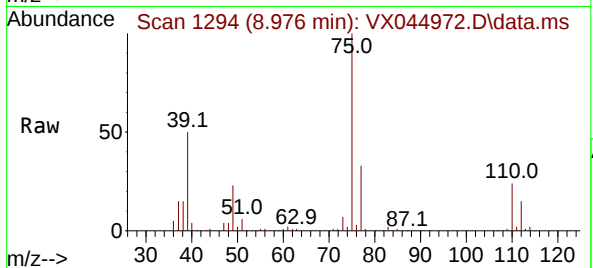
77 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#54

cis-1,3-Dichloropropene

Concen: 48.470 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

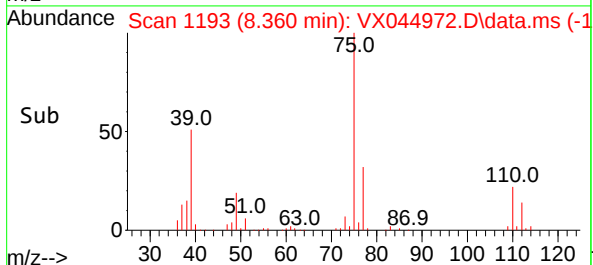
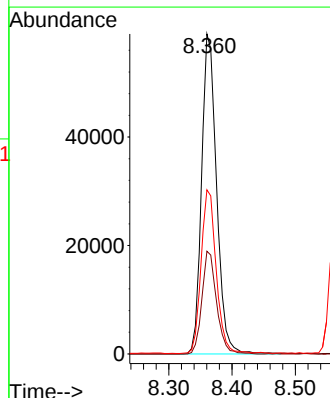
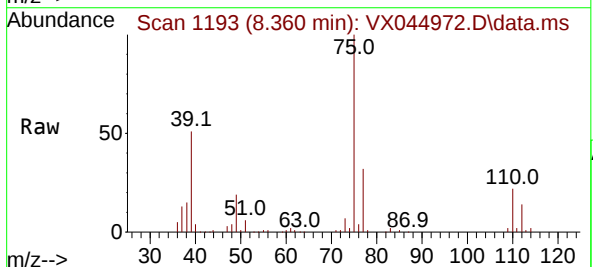
Tgt Ion: 75 Resp: 97495

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9

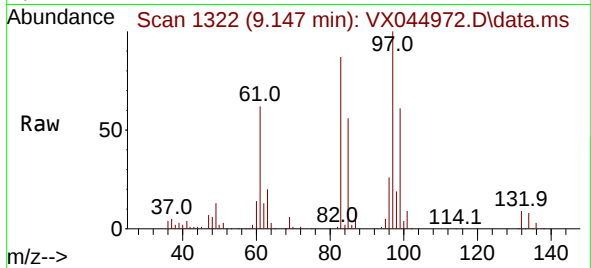
39 51.1 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 51.549 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

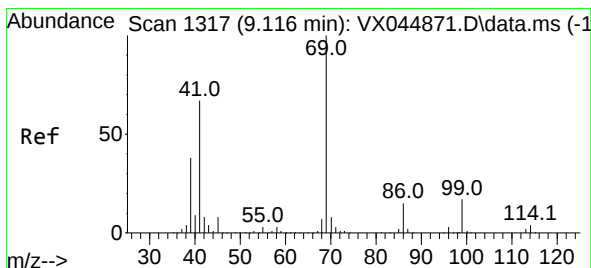
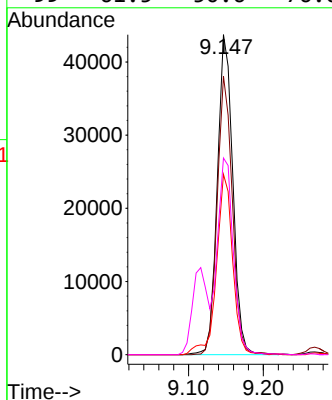
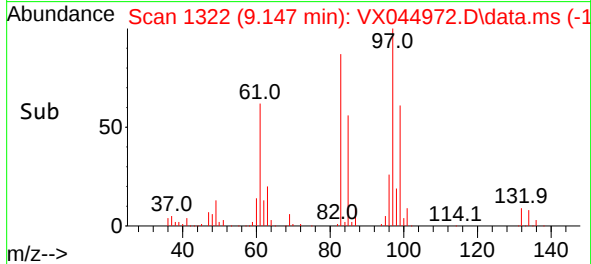
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



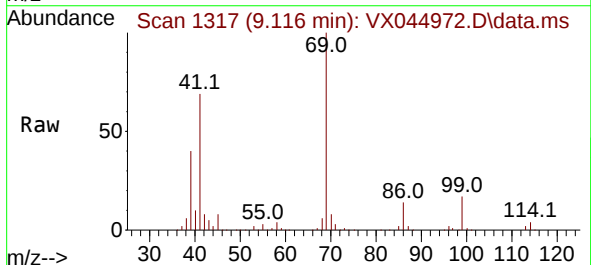
Tgt Ion: 97 Resp: 62978
Ion Ratio Lower Upper
97 100
83 87.0 69.8 104.6
85 56.4 44.8 67.2
99 61.5 50.6 76.0

Manual Integrations
APPROVED

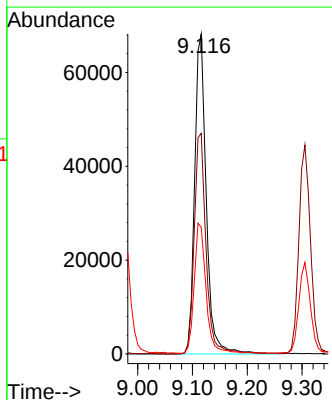
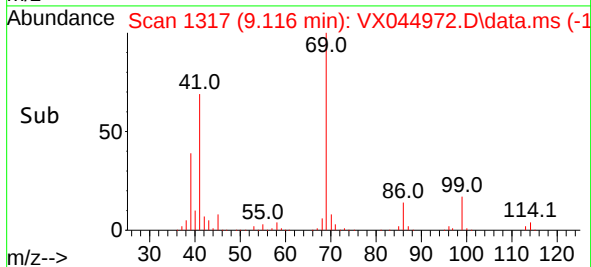
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

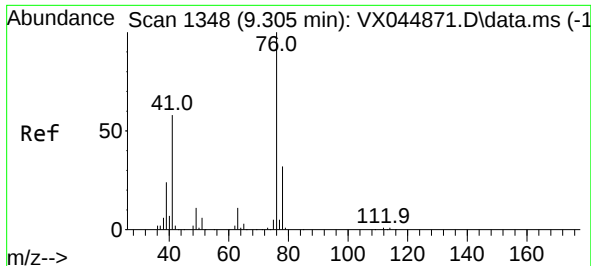


#56
Ethyl methacrylate
Concen: 51.239 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion: 69 Resp: 101104
Ion Ratio Lower Upper
69 100
41 70.7 55.2 82.8
39 41.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 50.128 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion: 76 Resp: 107154

Ion Ratio Lower Upper

76 100

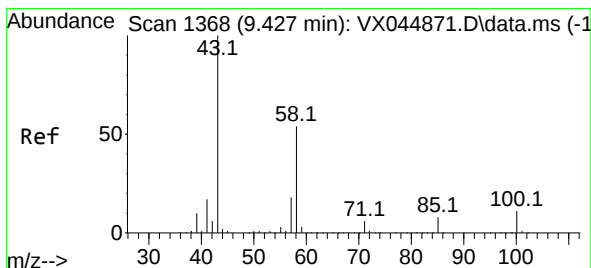
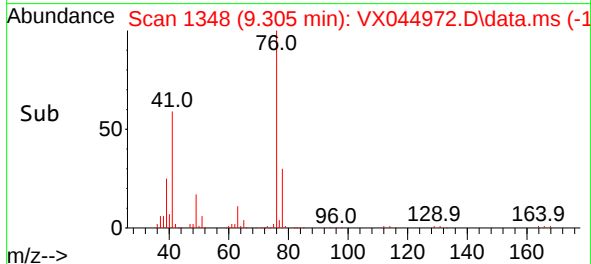
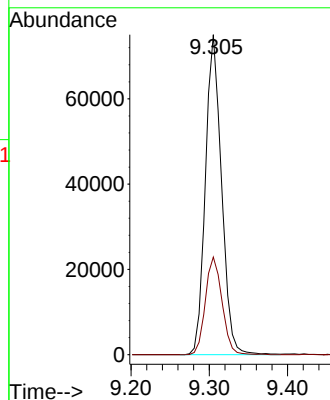
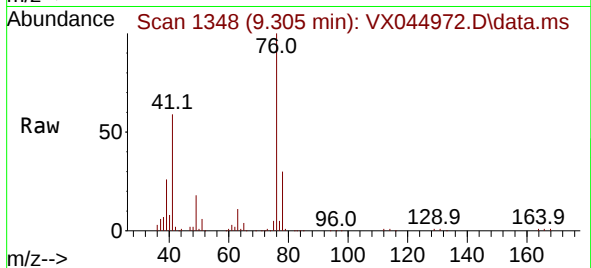
78 31.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#59

2-Hexanone

Concen: 291.258 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044972.D

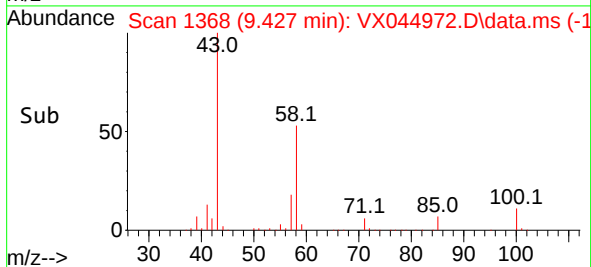
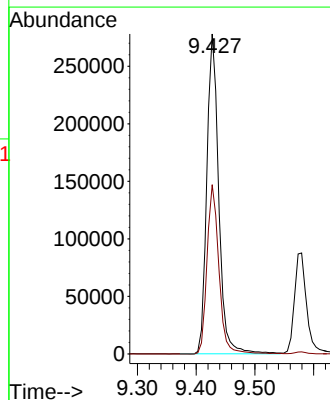
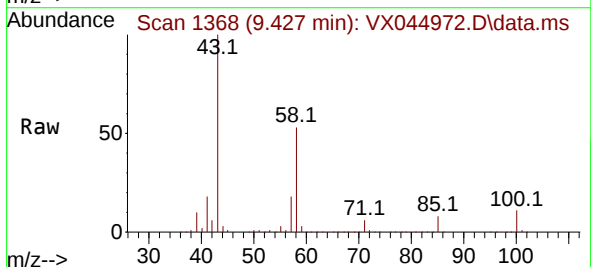
Acq: 14 Feb 2025 19:20

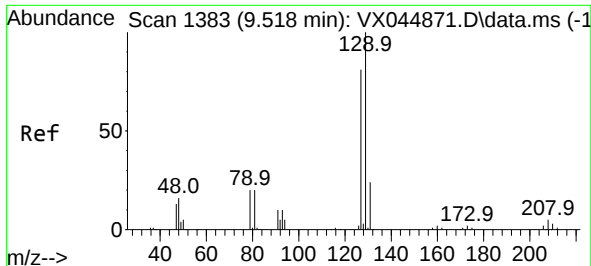
Tgt Ion: 43 Resp: 391620

Ion Ratio Lower Upper

43 100

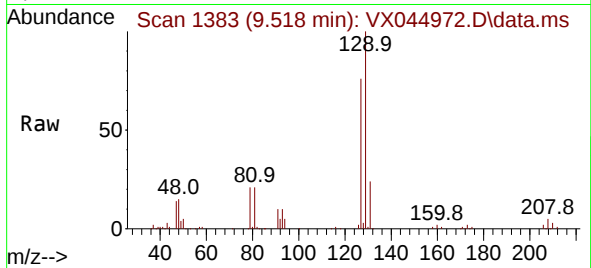
58 53.1 27.5 82.4





#60
 Dibromochloromethane
 Concen: 51.969 ug/l
 RT: 9.518 min Scan# 1383
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

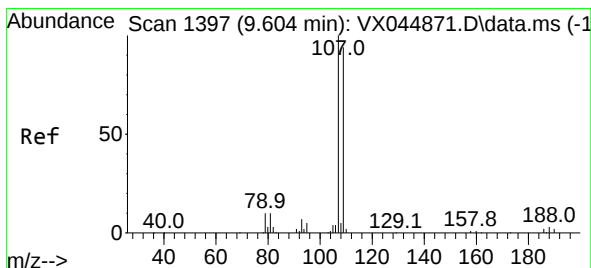
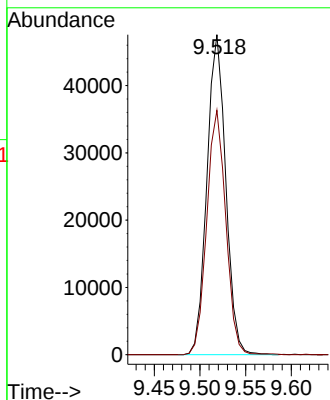
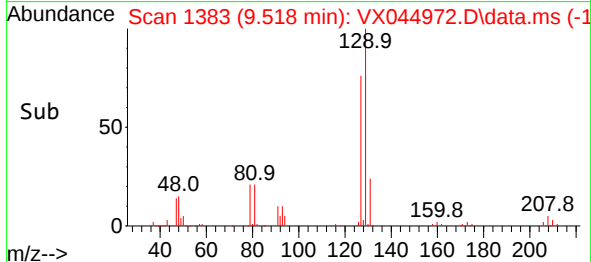
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MS



Tgt Ion:129 Resp: 67902
 Ion Ratio Lower Upper
 129 100
 127 77.3 39.1 117.3

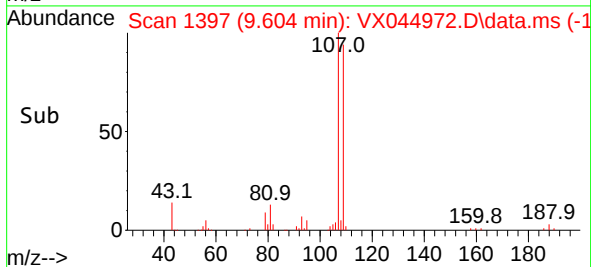
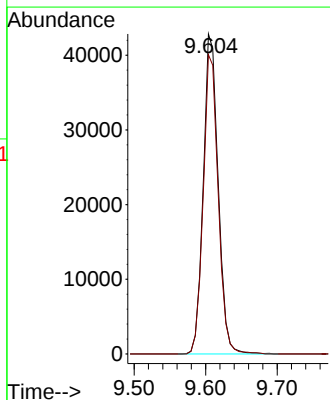
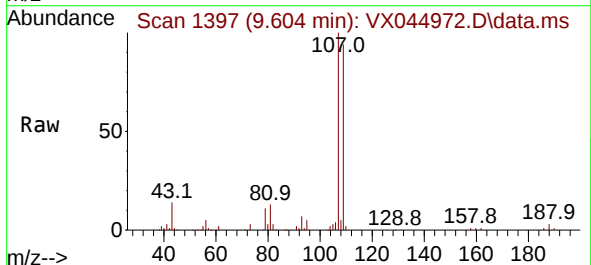
Manual Integrations
 APPROVED

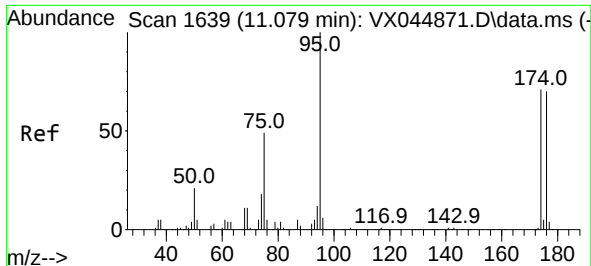
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025



#61
 1,2-Dibromoethane
 Concen: 50.131 ug/l
 RT: 9.604 min Scan# 1397
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

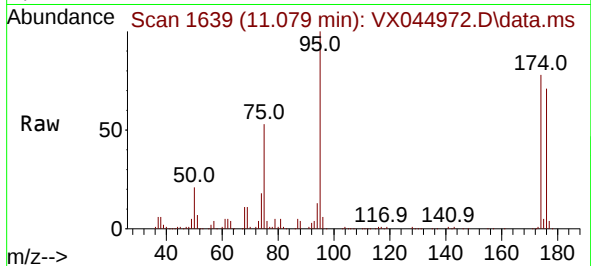
Tgt Ion:107 Resp: 62076
 Ion Ratio Lower Upper
 107 100
 109 93.9 75.9 113.9





#62
4-Bromofluorobenzene
Concen: 55.668 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

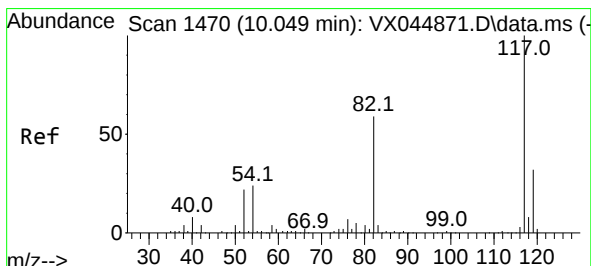
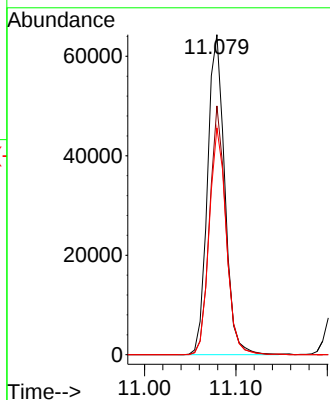
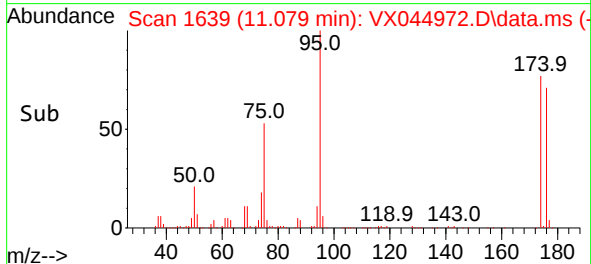
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



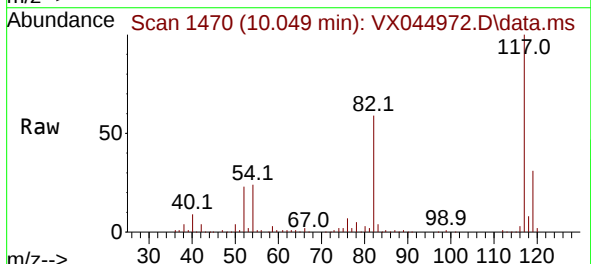
Tgt Ion: 95 Resp: 84062
Ion Ratio Lower Upper
95 100
174 73.6 0.0 142.6
176 70.2 0.0 141.6

Manual Integrations
APPROVED

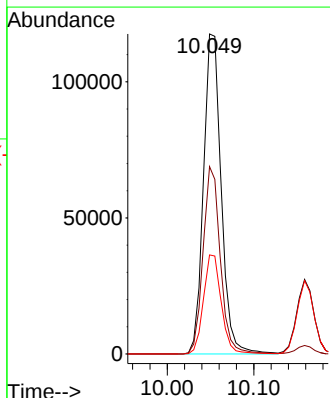
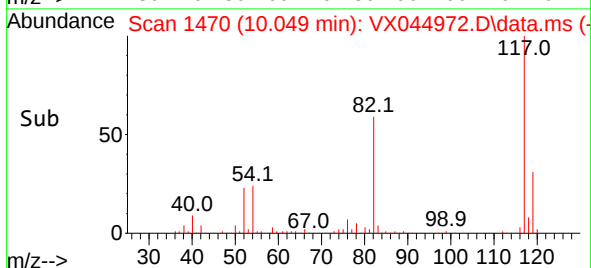
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

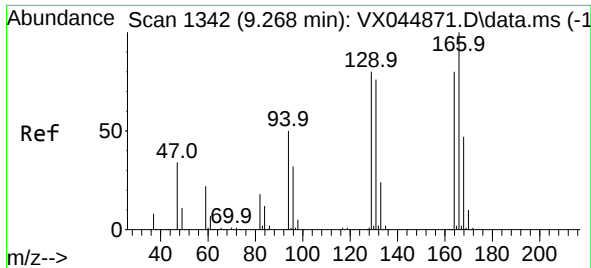


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



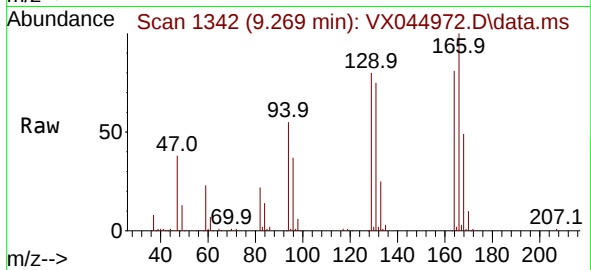
Tgt Ion:117 Resp: 167355
Ion Ratio Lower Upper
117 100
82 58.6 47.5 71.3
119 30.9 25.4 38.0





#64
Tetrachloroethene
Concen: 47.823 ug/l
RT: 9.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

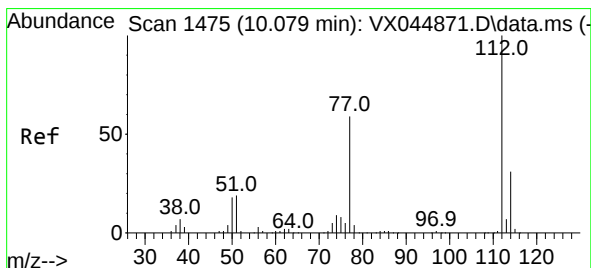
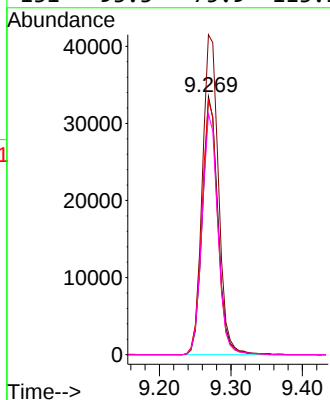
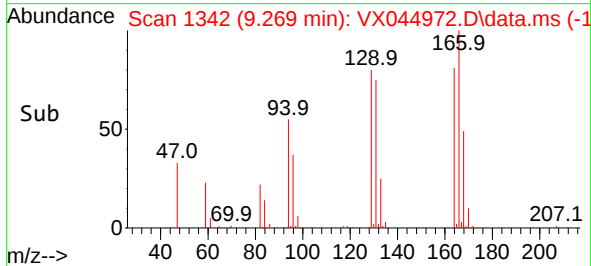
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion:164 Resp: 5047
Ion Ratio Lower Upper
164 100
166 124.0 100.4 150.6
129 98.6 79.9 119.9
131 93.3 75.9 113.9

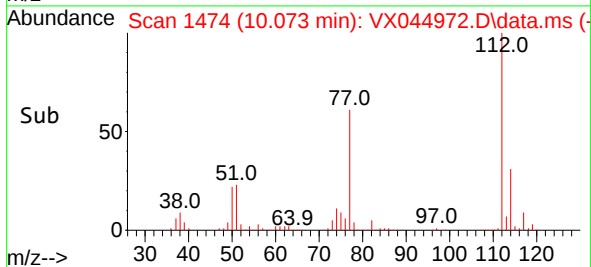
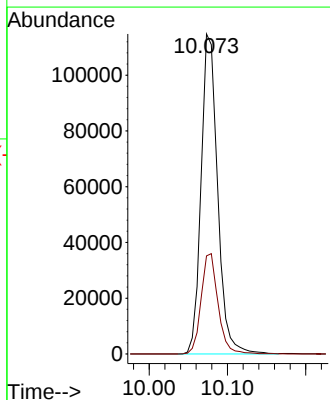
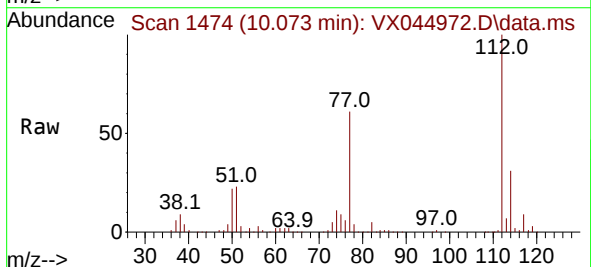
Manual Integrations
APPROVED

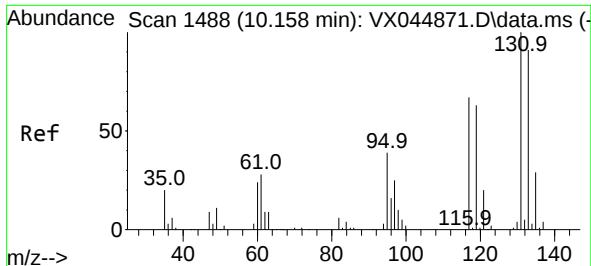
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#65
Chlorobenzene
Concen: 46.852 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

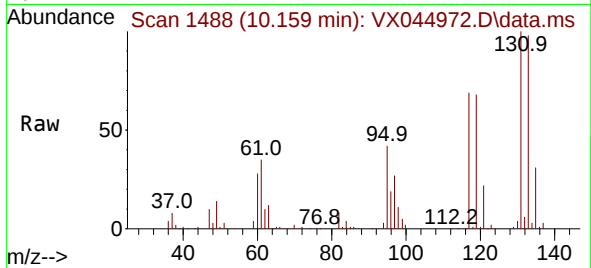
Tgt Ion:112 Resp: 168410
Ion Ratio Lower Upper
112 100
114 30.6 25.0 37.6





#66
1,1,1,2-Tetrachloroethane
Concen: 46.680 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

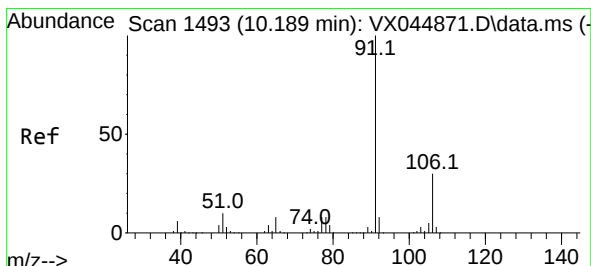
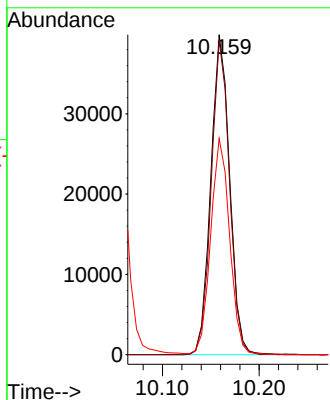
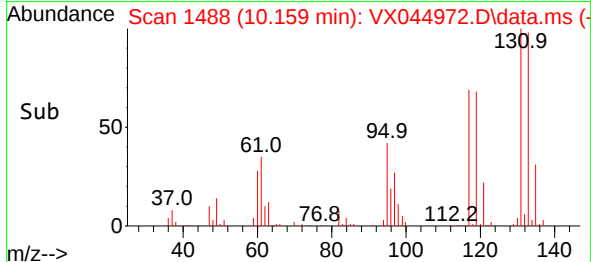
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



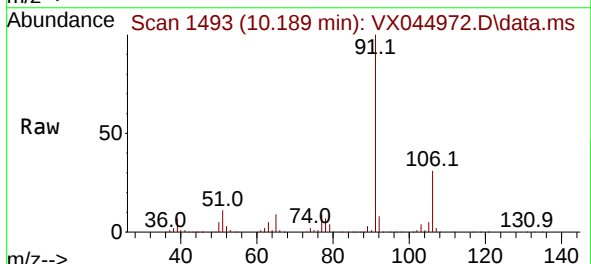
Tgt Ion:131 Resp: 5400
Ion Ratio Lower Upper
131 100
133 95.0 47.1 141.3
119 68.2 33.6 100.6

Manual Integrations
APPROVED

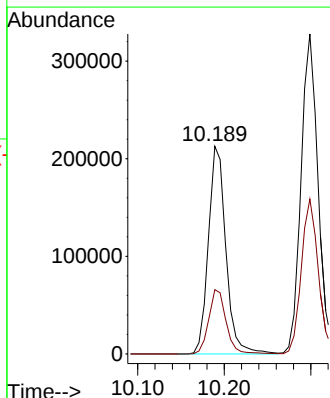
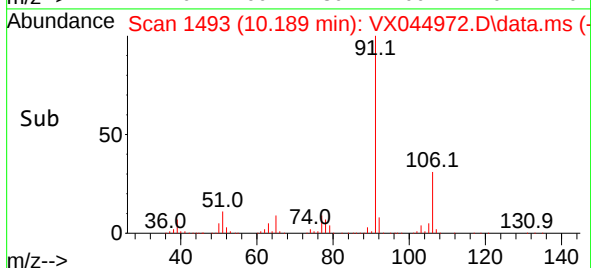
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

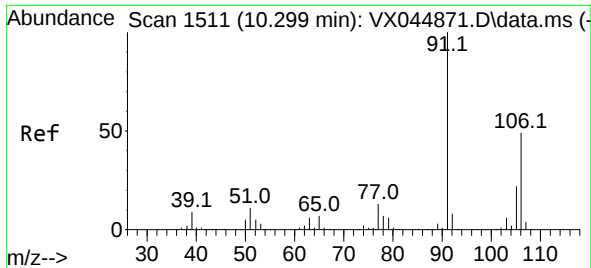


#67
Ethyl Benzene
Concen: 47.170 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion: 91 Resp: 299209
Ion Ratio Lower Upper
91 100
106 30.9 23.9 35.9





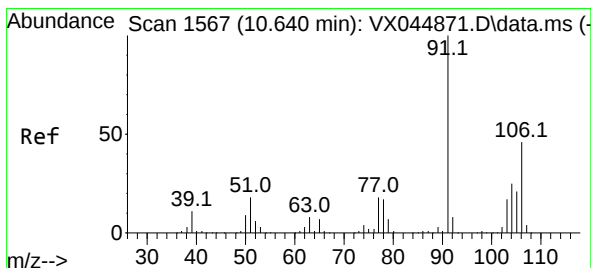
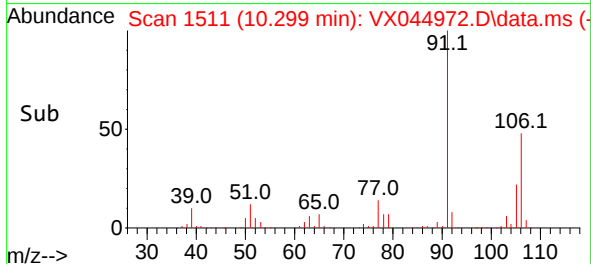
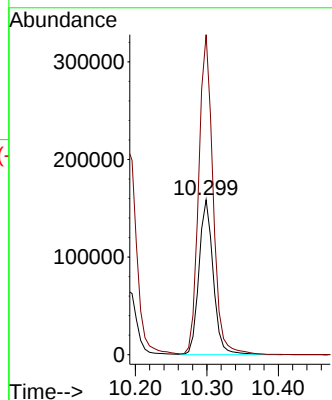
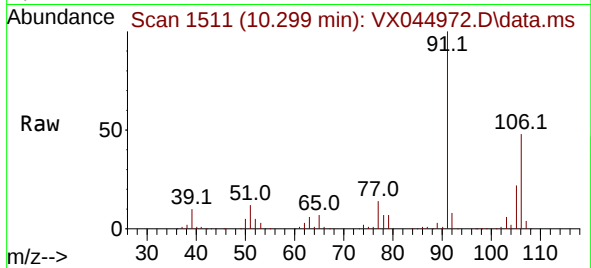
#68
m/p-Xylenes
Concen: 94.099 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion:106 Resp: 220184
Ion Ratio Lower Upper
106 100
91 206.9 164.3 246.5

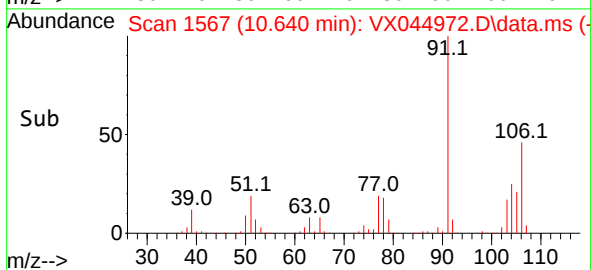
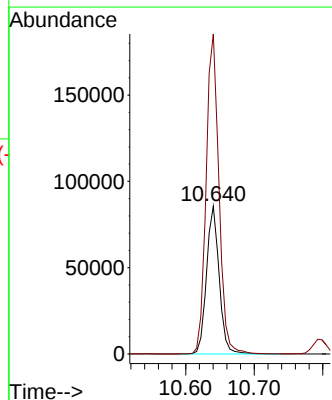
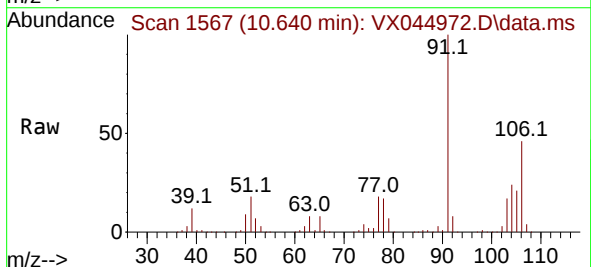
Manual Integrations
APPROVED

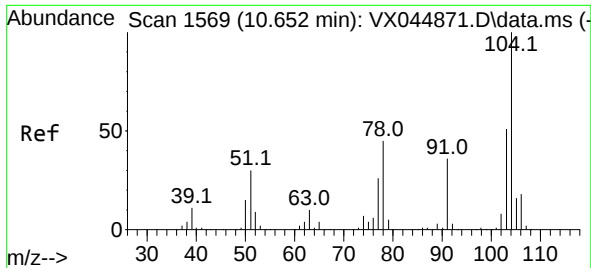
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#69
o-Xylene
Concen: 46.891 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

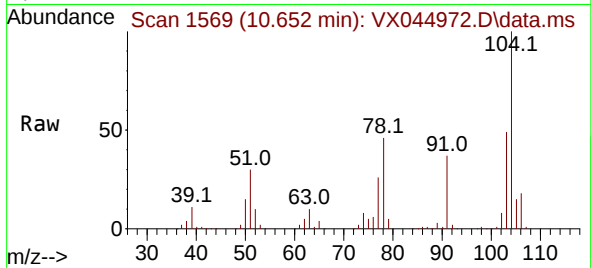
Tgt Ion:106 Resp: 110095
Ion Ratio Lower Upper
106 100
91 219.5 108.5 325.5





#70
Styrene
Concen: 49.456 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

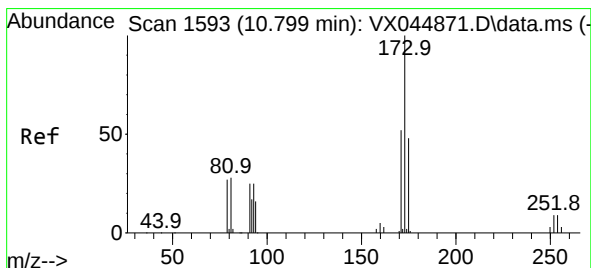
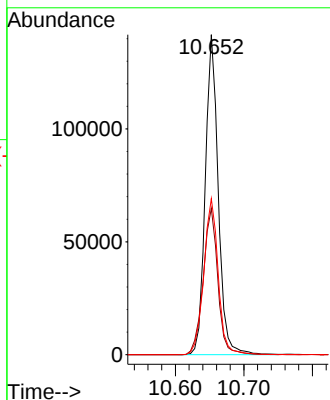
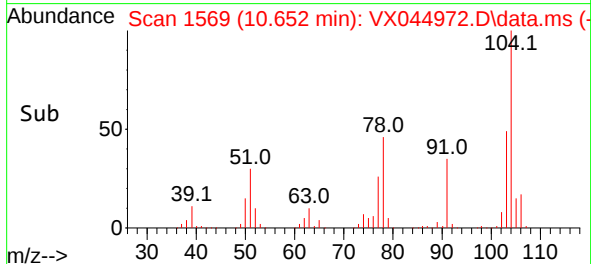
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



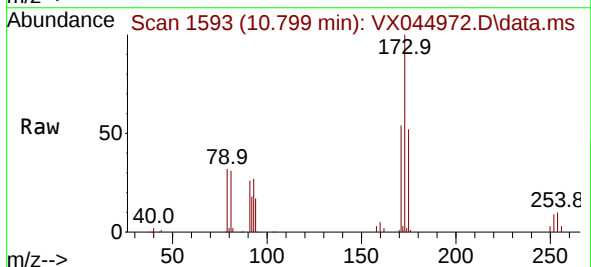
Tgt Ion:104 Resp: 18707
Ion Ratio Lower Upper
104 100
78 51.5 40.5 60.7
103 54.3 43.6 65.4

Manual Integrations
APPROVED

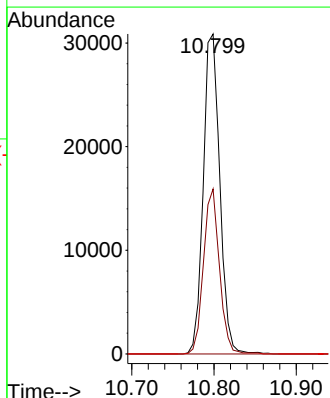
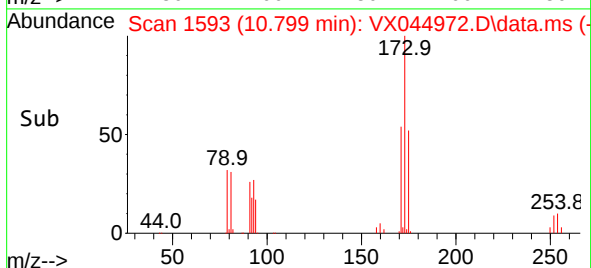
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

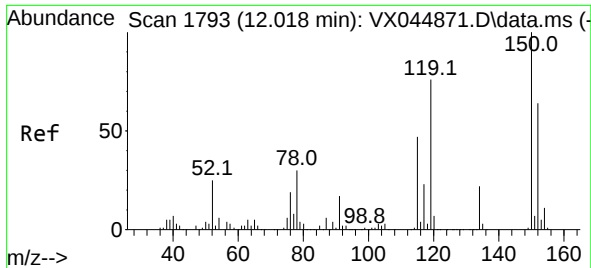


#71
Bromoform
Concen: 49.921 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



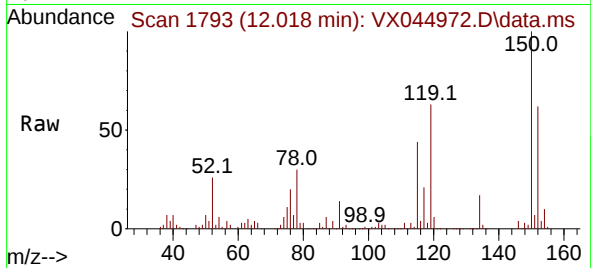
Tgt Ion:173 Resp: 43104
Ion Ratio Lower Upper
173 100
175 49.8 24.3 72.8
254 0.0 0.0 0.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

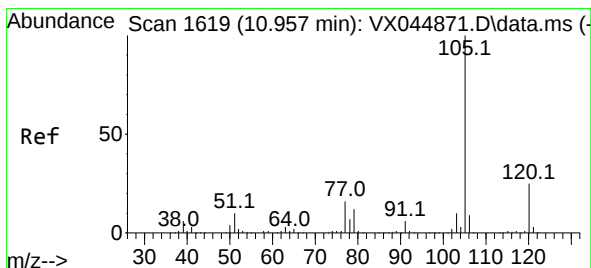
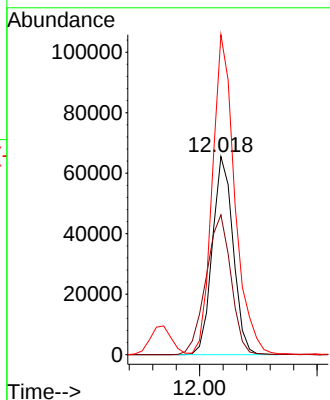
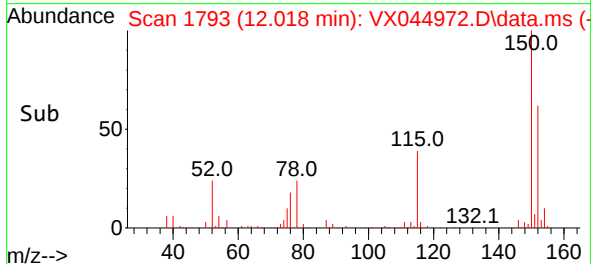
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



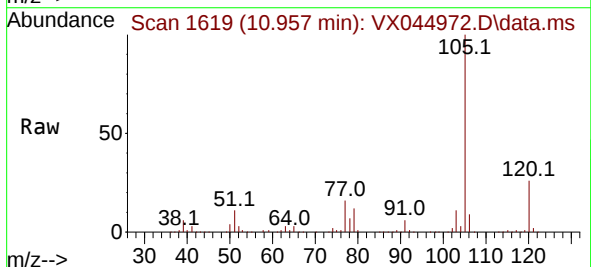
Tgt Ion:152 Resp: 80350
Ion Ratio Lower Upper
152 100
115 84.8 43.4 130.1
150 174.5 0.0 350.4

Manual Integrations
APPROVED

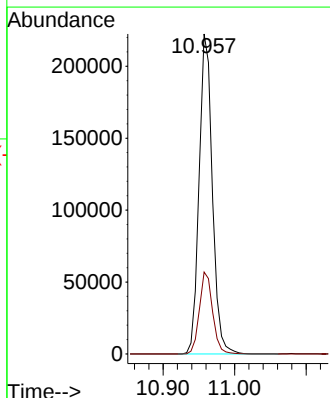
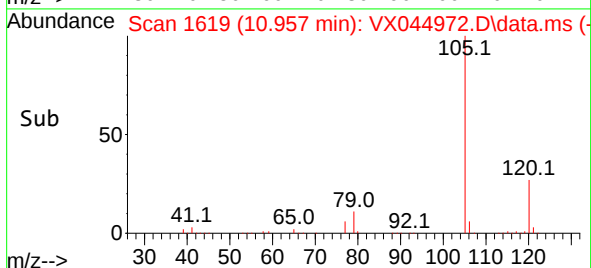
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

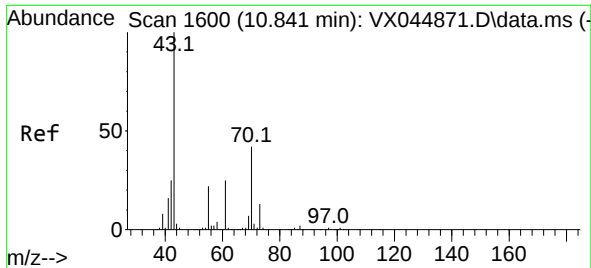


#73
Isopropylbenzene
Concen: 44.145 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



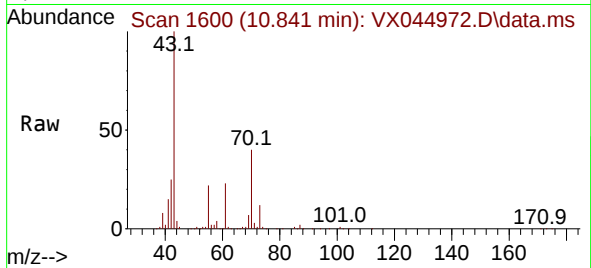
Tgt Ion:105 Resp: 285604
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.5





#74
N-amy1 acetate
Concen: 45.980 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

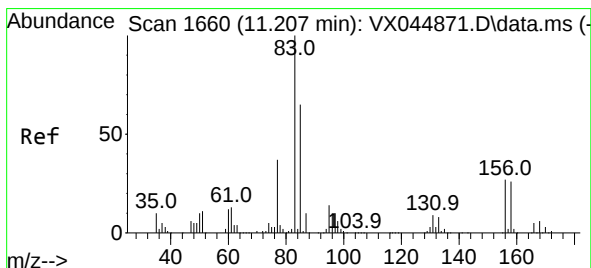
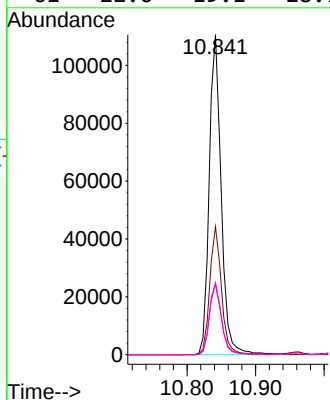
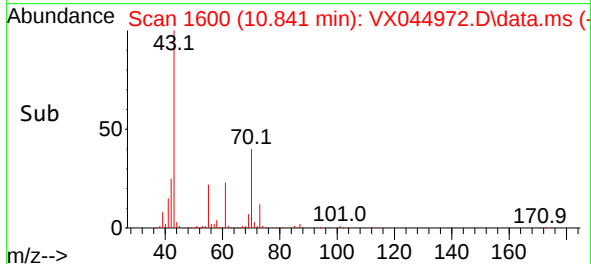
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



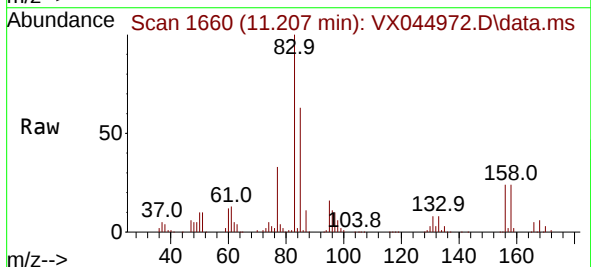
Tgt Ion: 43 Resp: 134612
Ion Ratio Lower Upper
43 100
70 39.4 33.7 50.5
55 22.5 18.6 27.8
61 22.6 19.1 28.7

Manual Integrations
APPROVED

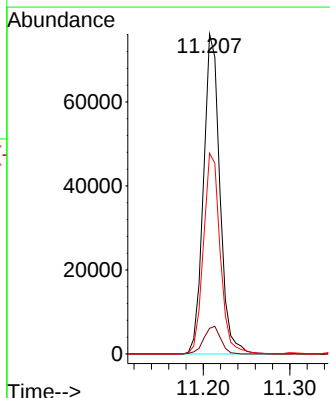
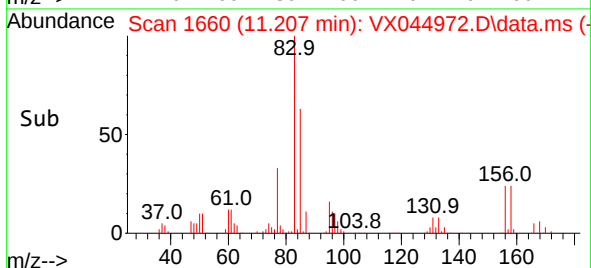
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

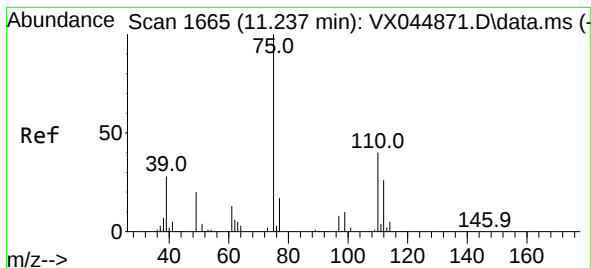


#75
1,1,2,2-Tetrachloroethane
Concen: 45.030 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



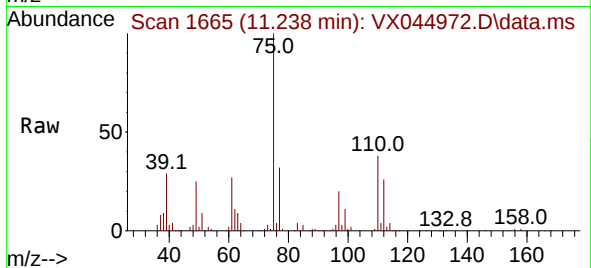
Tgt Ion: 83 Resp: 100110
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.5
85 64.1 32.3 96.8





#76
1,2,3-Trichloropropane
Concen: 46.450 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

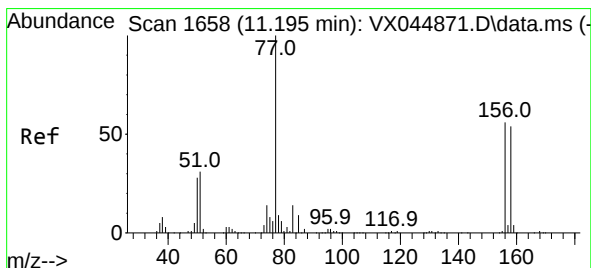
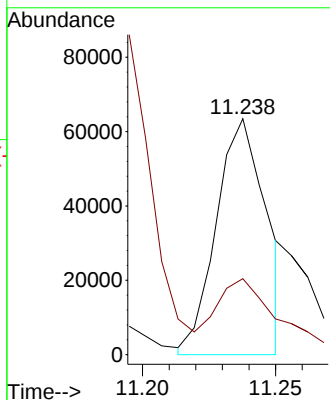
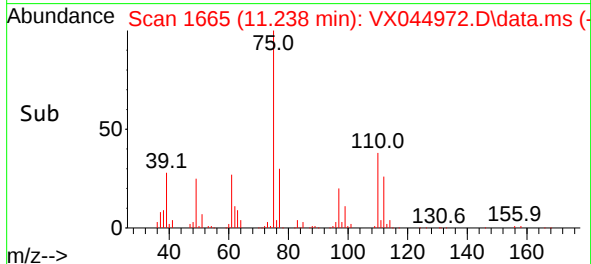
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



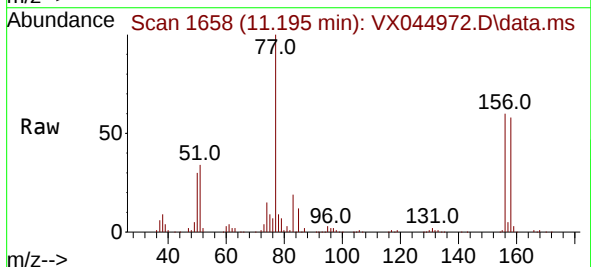
Tgt Ion: 75 Resp: 82750
Ion Ratio Lower Upper
75 100
77 40.8 21.9 65.7

Manual Integrations
APPROVED

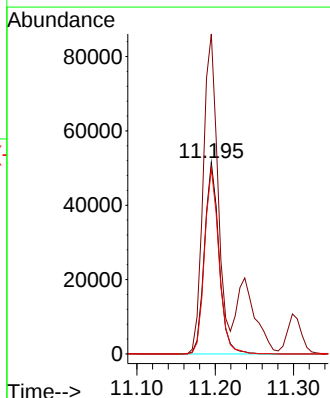
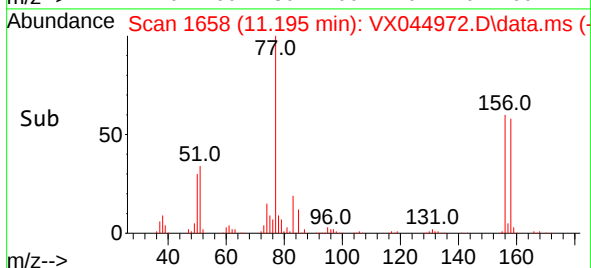
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

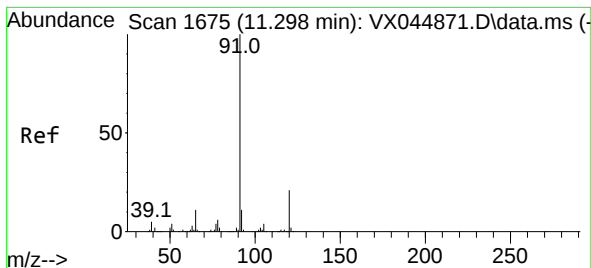


#77
Bromobenzene
Concen: 45.165 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



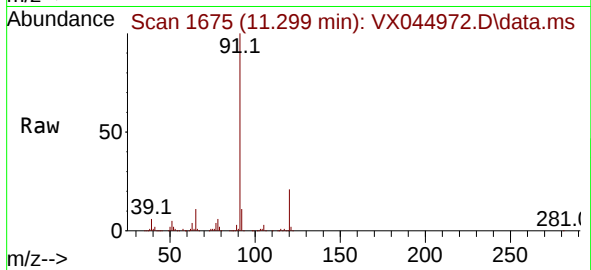
Tgt Ion:156 Resp: 66247
Ion Ratio Lower Upper
156 100
77 169.2 88.4 265.3
158 96.2 48.4 145.2





#78
n-propylbenzene
Concen: 44.954 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

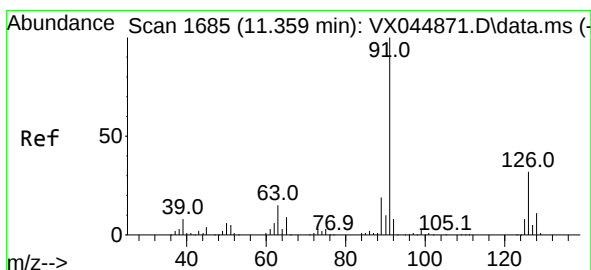
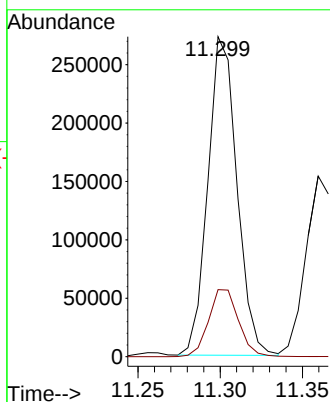
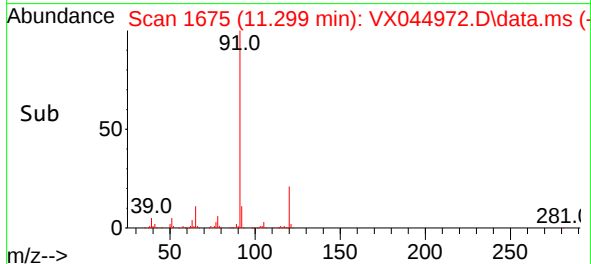
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



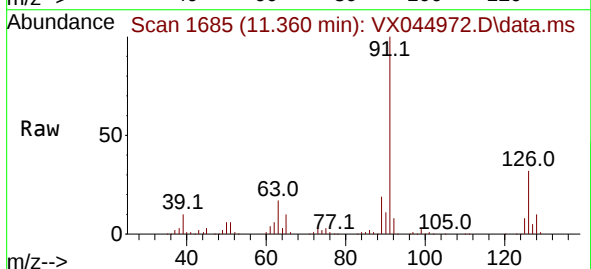
Tgt Ion: 91 Resp: 335698
Ion Ratio Lower Upper
91 100
120 21.8 11.1 33.3

Manual Integrations
APPROVED

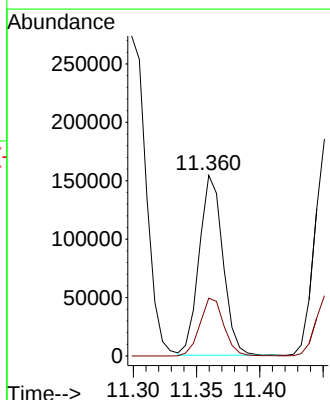
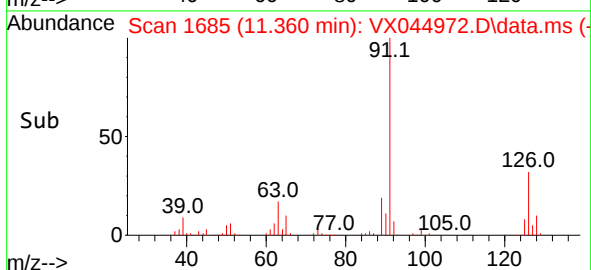
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

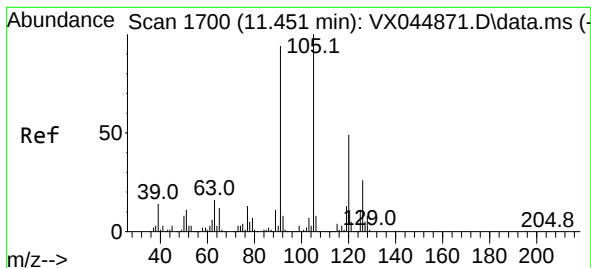


#79
2-Chlorotoluene
Concen: 43.818 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion: 91 Resp: 201102
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6





#80

1,3,5-Trimethylbenzene

Concen: 44.527 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion:105 Resp: 233774

Ion Ratio Lower Upper

105 100

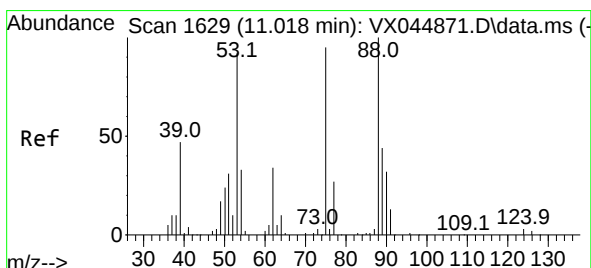
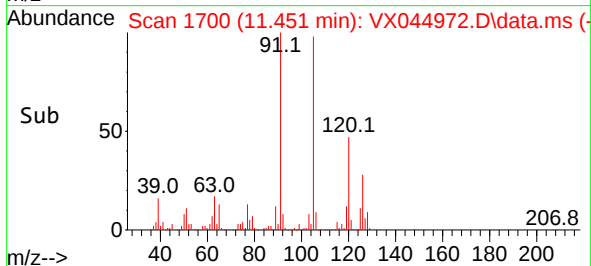
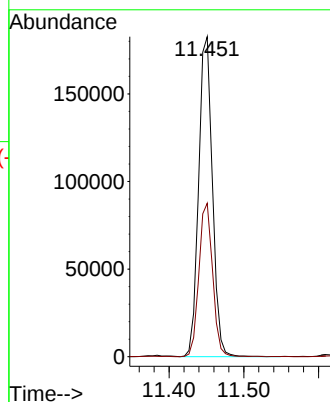
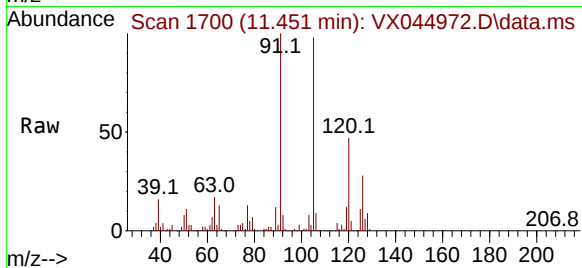
120 47.7 24.0 72.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#81

trans-1,4-Dichloro-2-butene

Concen: 39.902 ug/l

RT: 11.018 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

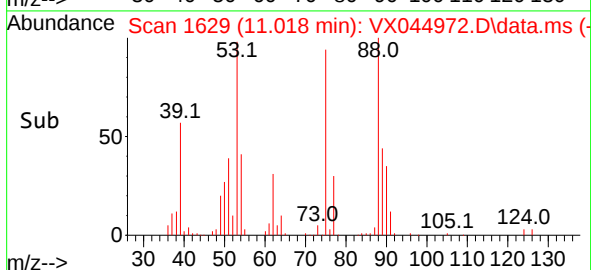
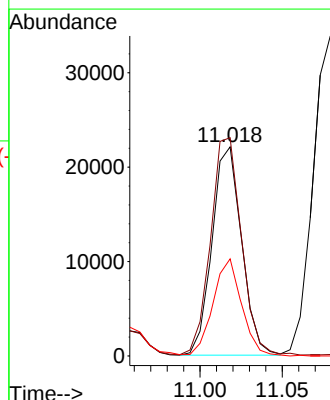
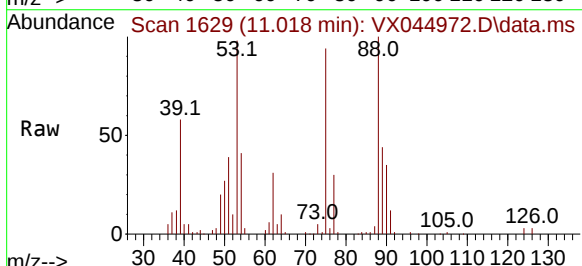
Tgt Ion: 75 Resp: 27634

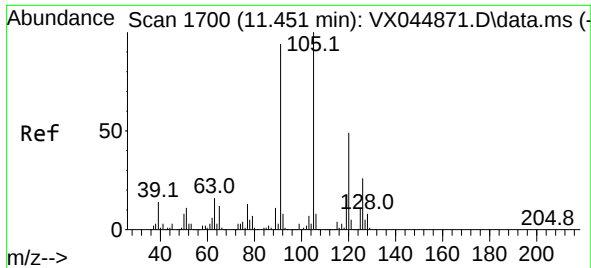
Ion Ratio Lower Upper

75 100

53 108.7 78.0 117.0

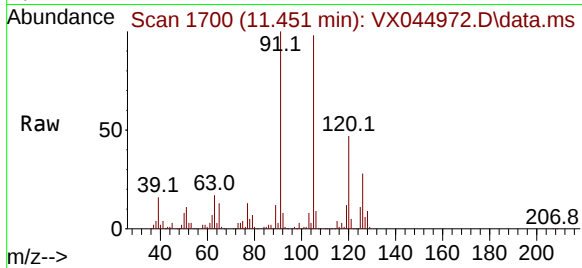
89 45.2 36.6 54.8





#82
4-Chlorotoluene
Concen: 44.319 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

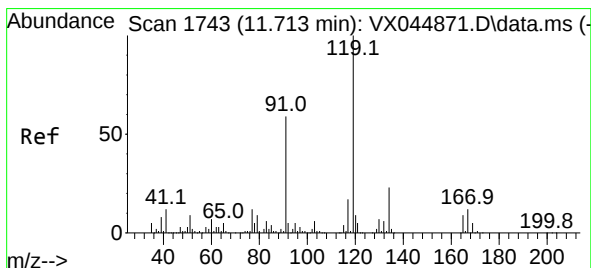
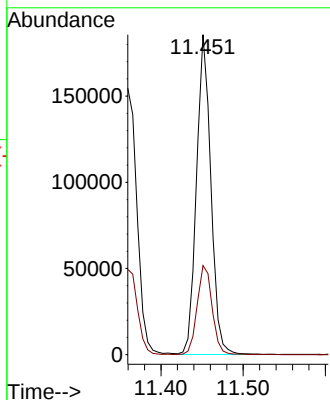
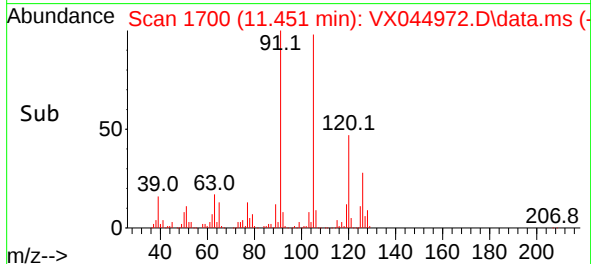
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



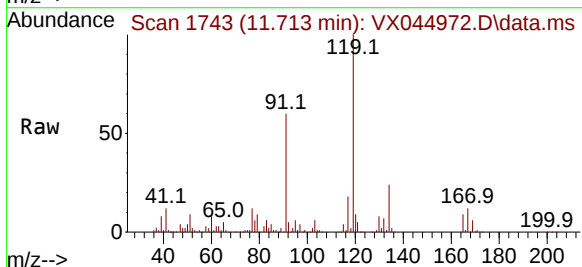
Tgt Ion: 91 Resp: 225029
Ion Ratio Lower Upper
91 100
126 29.0 14.2 42.6

Manual Integrations
APPROVED

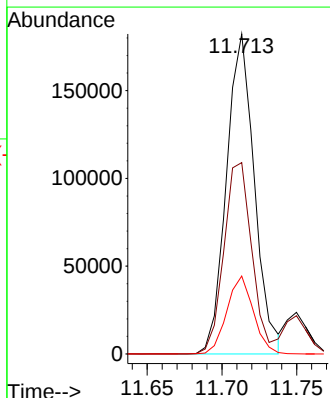
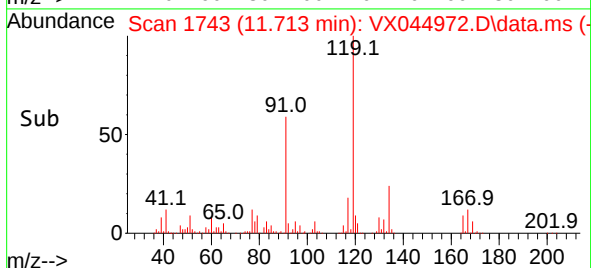
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

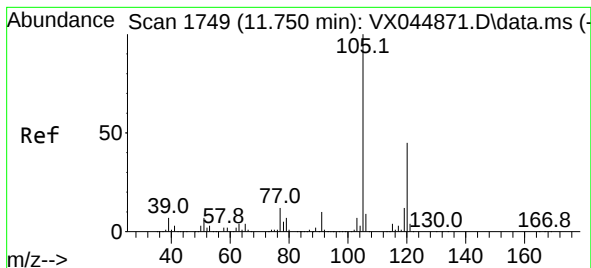


#83
tert-Butylbenzene
Concen: 44.718 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion:119 Resp: 237506
Ion Ratio Lower Upper
119 100
91 59.3 29.1 87.4
134 23.1 11.5 34.5





#84

1,2,4-Trimethylbenzene

Concen: 46.039 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX044972.D

Acq: 14 Feb 2025 19:20

Instrument :

MSVOA_X

ClientSampleId :

MW-33D-021225MS

Tgt Ion:105 Resp: 238569

Ion Ratio Lower Upper

105 100

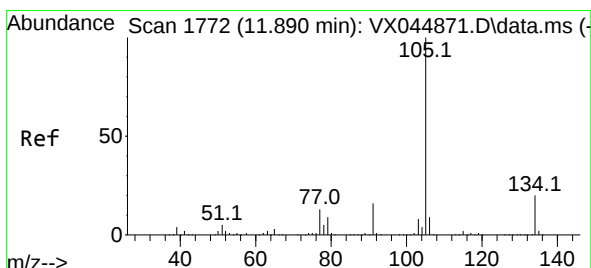
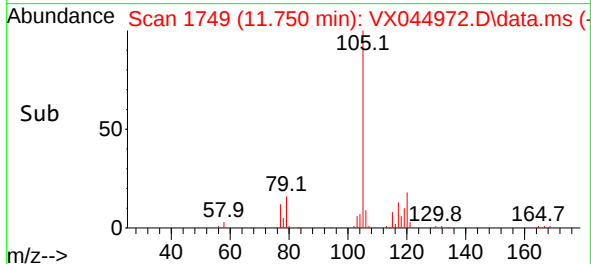
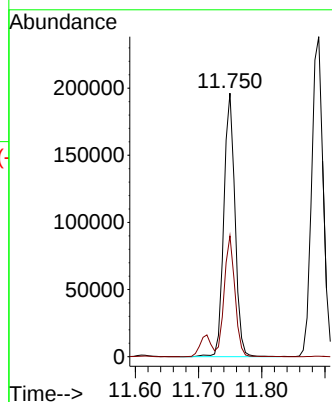
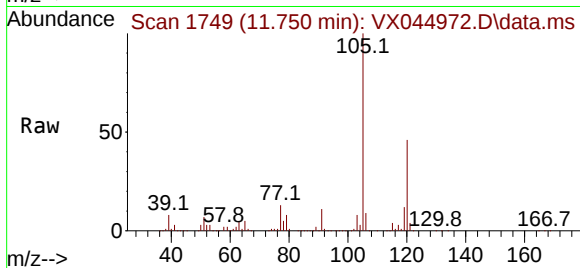
120 43.9 22.4 67.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/18/2025

Supervised By :Mahesh Dadoda 02/19/2025



#85

sec-Butylbenzene

Concen: 45.407 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044972.D

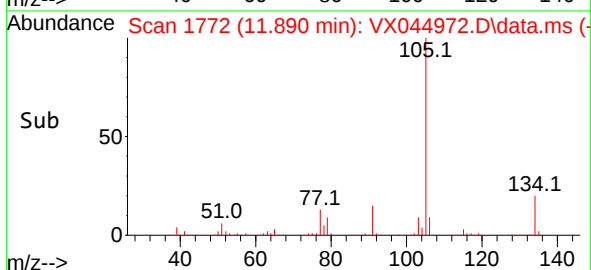
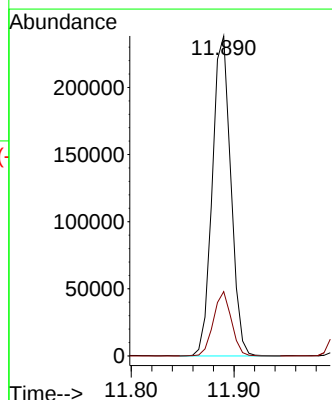
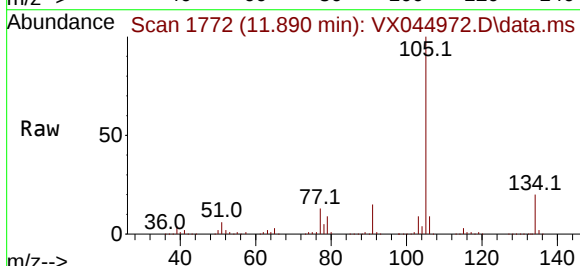
Acq: 14 Feb 2025 19:20

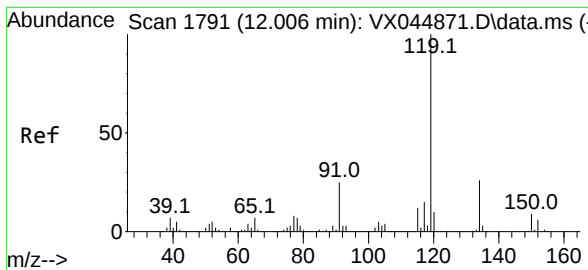
Tgt Ion:105 Resp: 298634

Ion Ratio Lower Upper

105 100

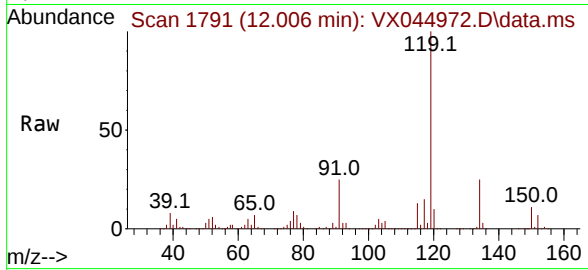
134 19.6 9.8 29.3





#86
p-Isopropyltoluene
Concen: 46.276 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

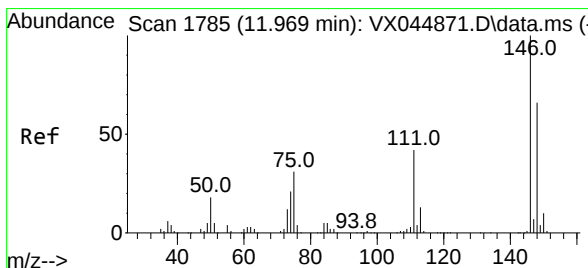
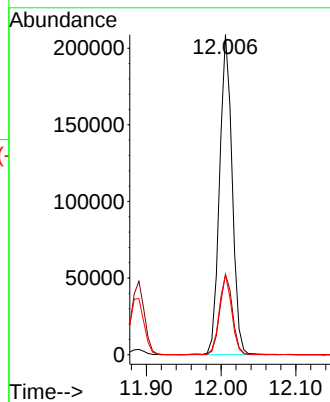
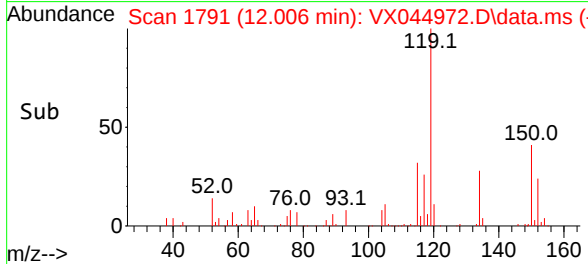
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



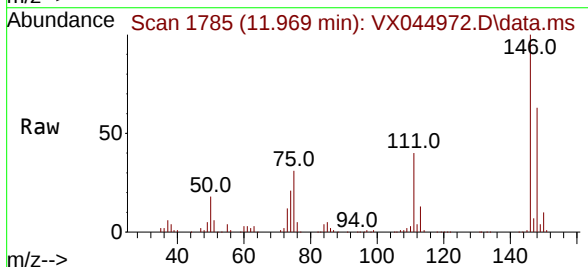
Tgt Ion:119 Resp: 24475
Ion Ratio Lower Upper
119 100
134 25.3 13.0 38.9
91 24.7 12.1 36.3

Manual Integrations
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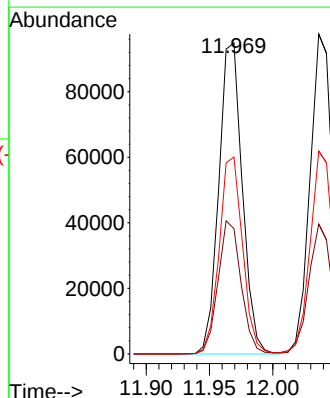
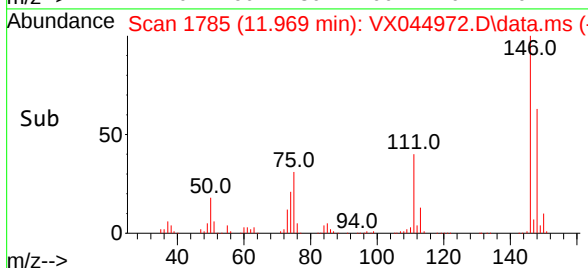
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

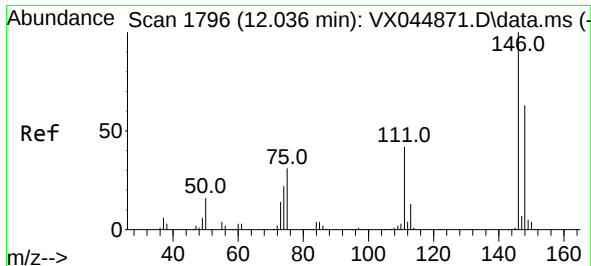


#87
1,3-Dichlorobenzene
Concen: 45.426 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



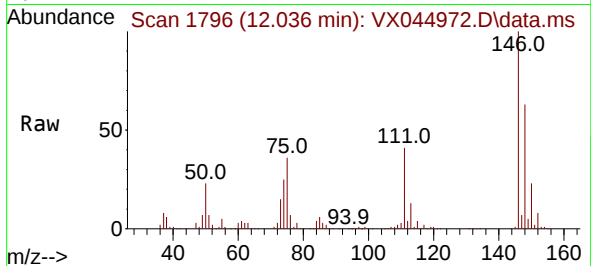
Tgt Ion:146 Resp: 122530
Ion Ratio Lower Upper
146 100
111 41.9 21.2 63.6
148 62.9 32.5 97.5





#88
1,4-Dichlorobenzene
Concen: 44.974 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

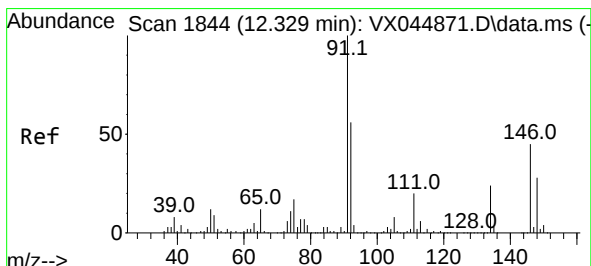
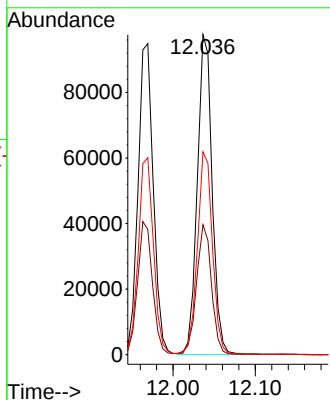
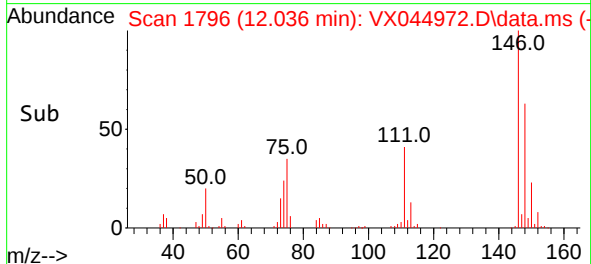
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



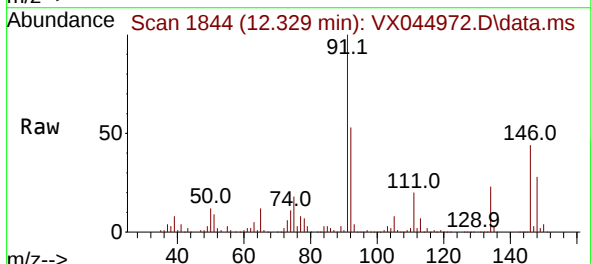
Tgt Ion:146 Resp: 122654
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 64.3 32.0 96.0

Manual Integrations
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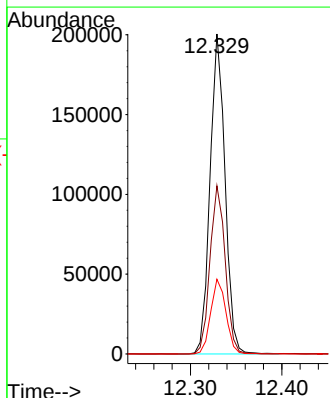
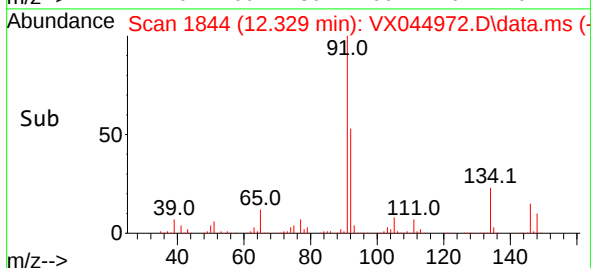
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025

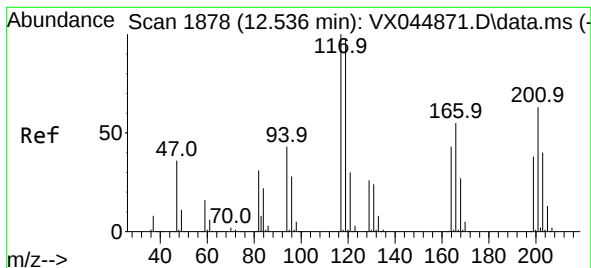


#89
n-Butylbenzene
Concen: 48.636 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20



Tgt Ion: 91 Resp: 227577
Ion Ratio Lower Upper
91 100
92 53.7 27.2 81.6
134 23.8 12.1 36.3





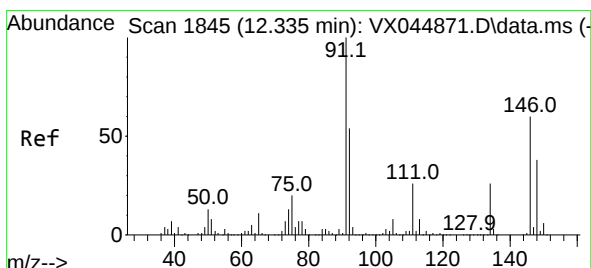
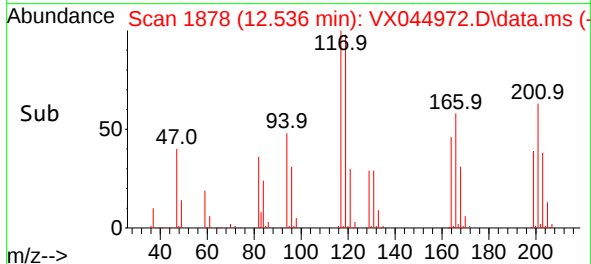
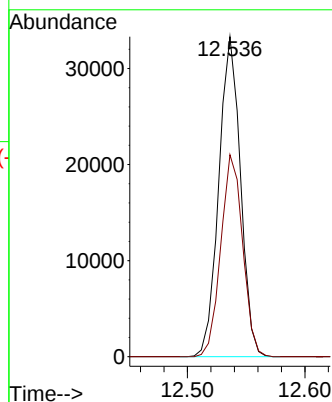
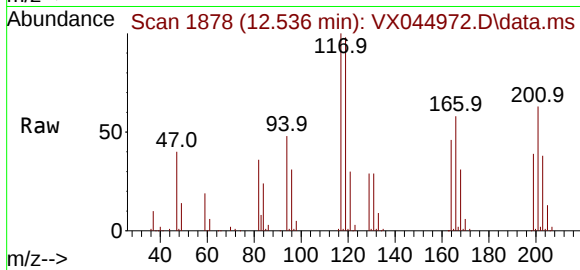
#90
Hexachloroethane
Concen: 43.159 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS

Tgt Ion:117 Resp: 4274
Ion Ratio Lower Upper
117 100
201 63.7 32.5 97.5

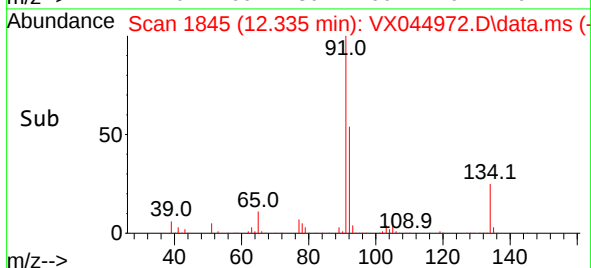
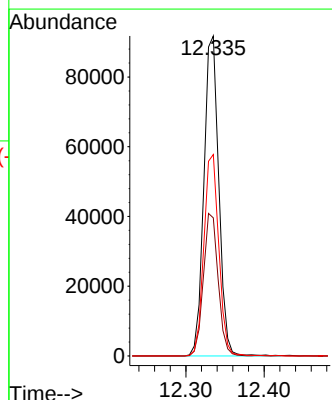
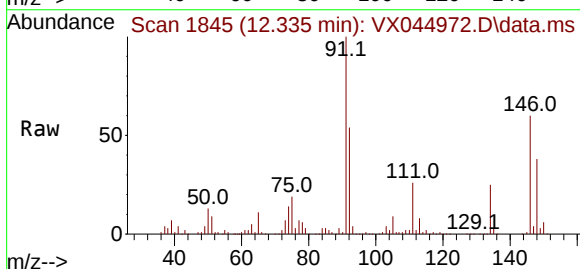
Manual Integrations
APPROVED

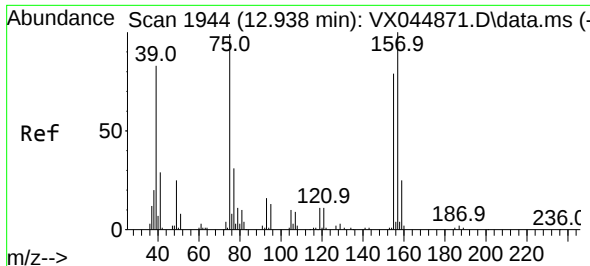
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#91
1,2-Dichlorobenzene
Concen: 45.561 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

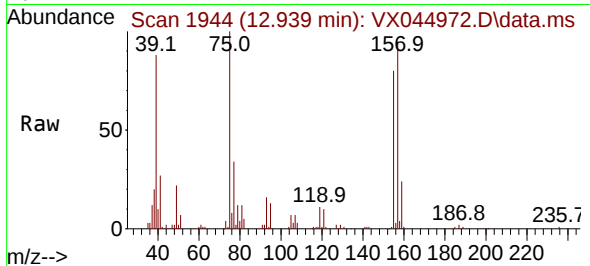
Tgt Ion:146 Resp: 120780
Ion Ratio Lower Upper
146 100
111 44.2 21.8 65.4
148 63.3 31.9 95.9





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.625 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

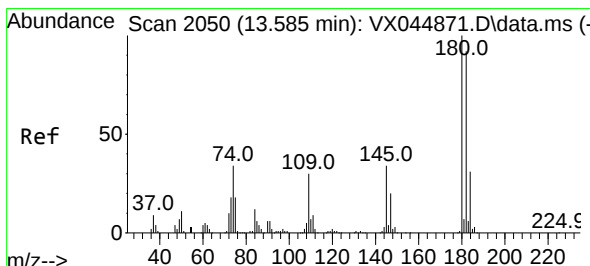
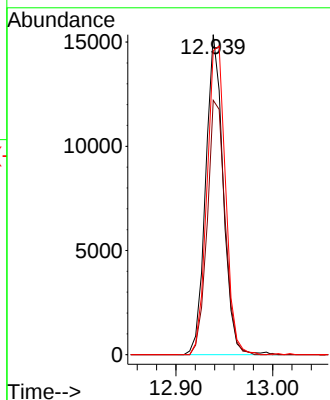
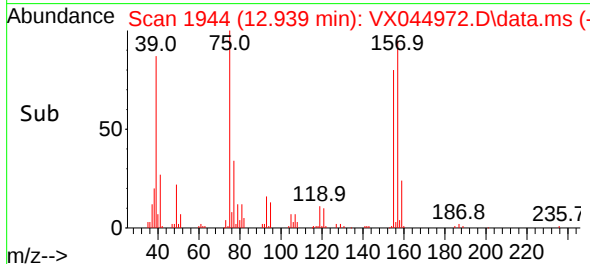
Instrument :
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 ClientSampleId :
 MW-33D-021225MS



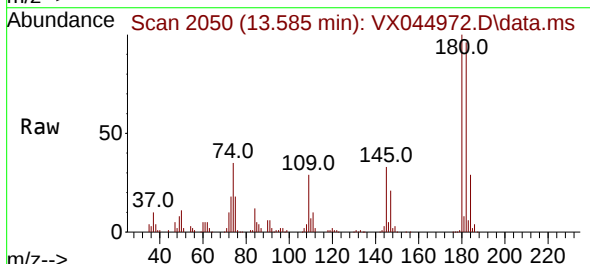
Tgt Ion: 75 Resp: 19324
 Ion Ratio Lower Upper
 75 100
 155 81.3 40.5 121.4
 157 102.1 51.4 154.3

Manual Integrations
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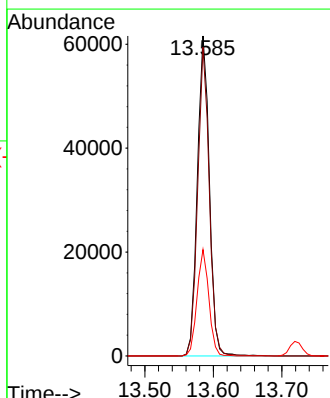
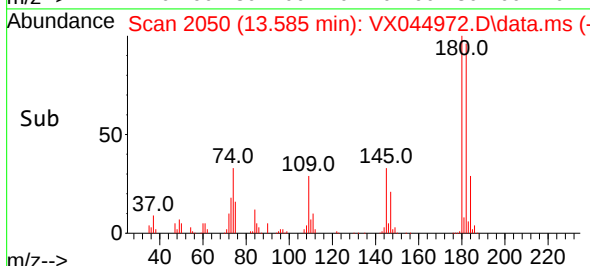
Reviewed By :John Carlone 02/18/2025
 Supervised By :Mahesh Dadoda 02/19/2025

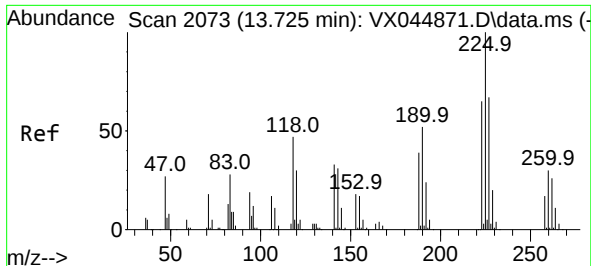


#93
 1,2,4-Trichlorobenzene
 Concen: 46.916 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20



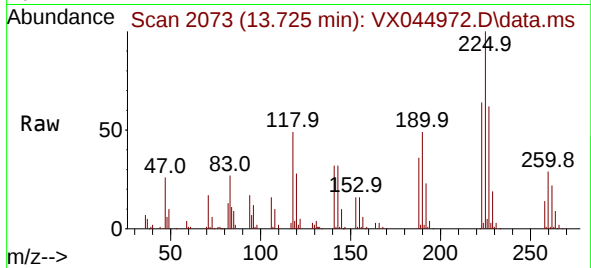
Tgt Ion:180 Resp: 75259
 Ion Ratio Lower Upper
 180 100
 182 93.1 47.6 142.8
 145 32.6 16.4 49.1





#94
Hexachlorobutadiene
Concen: 45.821 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

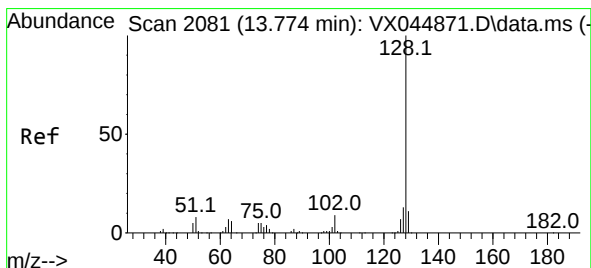
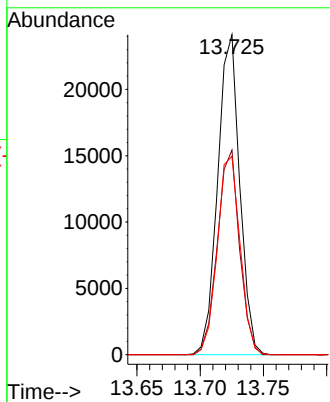
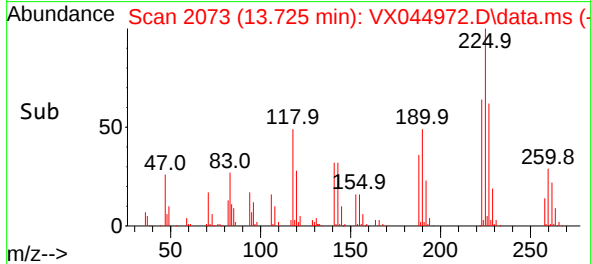
Instrument :
MSVOA_X
ClientSampleId :
MW-33D-021225MS



Tgt Ion:225 Resp: 29179
Ion Ratio Lower Upper
225 100
223 64.0 31.4 94.2
227 64.1 32.3 96.8

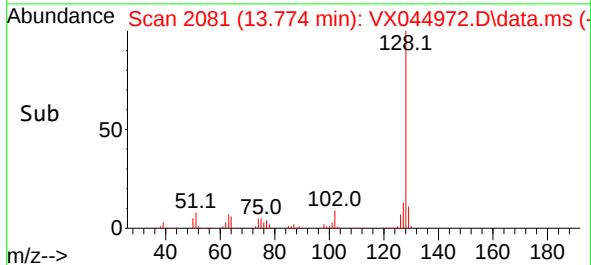
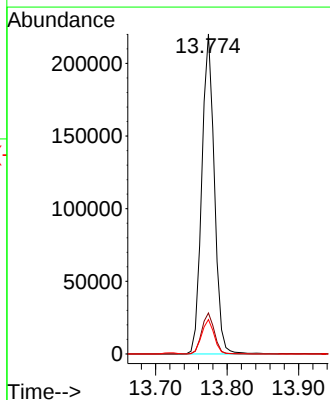
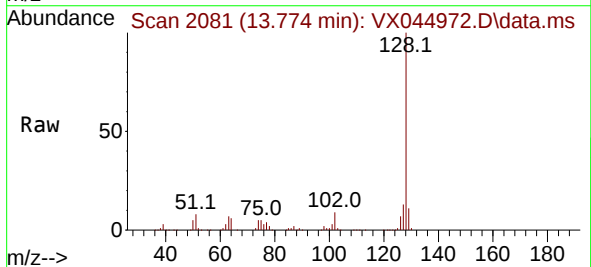
Manual Integrations
APPROVED

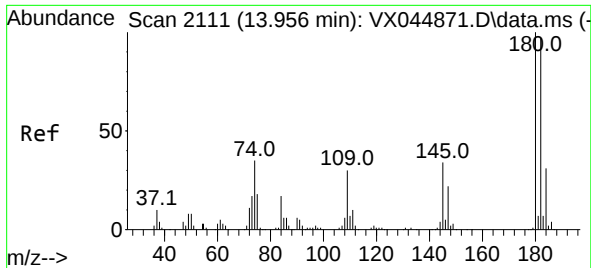
Reviewed By :John Carlone 02/18/2025
Supervised By :Mahesh Dadoda 02/19/2025



#95
Naphthalene
Concen: 46.398 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044972.D
Acq: 14 Feb 2025 19:20

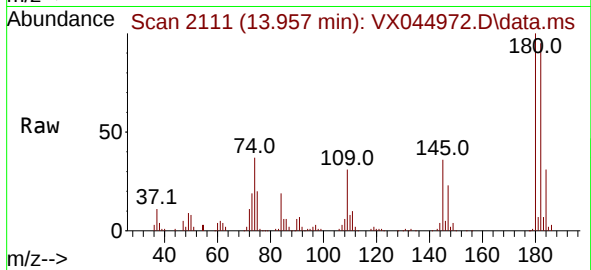
Tgt Ion:128 Resp: 269046
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 44.987 ug/l
 RT: 13.957 min Scan# 2111
 Delta R.T. 0.000 min
 Lab File: VX044972.D
 Acq: 14 Feb 2025 19:20

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MS



Tgt Ion:180 Resp: 72710
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.9 143.6
 145 34.8 17.1 51.3

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