

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021225\
 Data File : VX044923.D
 Acq On : 12 Feb 2025 11:20
 Operator : JC/MD
 Sample : VX0212WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2025
 Supervised By : Mahesh Dadoda 02/14/2025

Quant Time: Feb 13 00:47:36 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

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	111261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	179478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	81774	50.209	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.420%			
35) Dibromofluoromethane	5.379	113	65583	49.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	8.647	98	247053	49.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.340%			
62) 4-Bromofluorobenzene	11.079	95	85651	50.570	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	29797	19.095	ug/l	98
3) Chloromethane	1.300	50	34997	18.427	ug/l	100
4) Vinyl Chloride	1.373	62	32596	17.716	ug/l	98
5) Bromomethane	1.593	94	11098	20.156	ug/l	96
6) Chloroethane	1.666	64	16921	21.813	ug/l	93
7) Trichlorofluoromethane	1.873	101	44002	18.911	ug/l	98
8) Diethyl Ether	2.129	74	16393	19.426	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.324	101	26558	18.891	ug/l	99
10) Methyl Iodide	2.446	142	35166	19.301	ug/l	98
11) Tert butyl alcohol	2.977	59	27915	92.390	ug/l	100
12) 1,1-Dichloroethene	2.312	96	26286	18.330	ug/l	93
13) Acrolein	2.233	56	33487	107.421	ug/l	99
14) Allyl chloride	2.660	41	47738	18.419	ug/l	98
15) Acrylonitrile	3.062	53	77467	96.028	ug/l	99
16) Acetone	2.379	43	62338	95.211	ug/l	97
17) Carbon Disulfide	2.507	76	66564	16.927	ug/l	99
18) Methyl Acetate	2.696	43	40821	19.757	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	84907	18.609	ug/l	97
20) Methylene Chloride	2.782	84	29468	18.375	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	25735	18.233	ug/l	94
22) Diisopropyl ether	3.757	45	92775	18.921	ug/l	94
23) Vinyl Acetate	3.714	43	367002	91.811	ug/l	98
24) 1,1-Dichloroethane	3.605	63	50977	18.581	ug/l	98
25) 2-Butanone	4.556	43	103185	97.054	ug/l	95
26) 2,2-Dichloropropane	4.464	77	38585	17.734	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	32165	18.972	ug/l	99
28) Bromochloromethane	4.885	49	23788	18.042	ug/l	99
29) Tetrahydrofuran	5.001	42	67521	95.643	ug/l	99
30) Chloroform	5.086	83	50826	19.103	ug/l	99
31) Cyclohexane	5.464	56	45845	18.126	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	42322	18.753	ug/l	99
36) 1,1-Dichloropropene	5.684	75	35178	18.352	ug/l	100
37) Ethyl Acetate	4.714	43	39995	18.759	ug/l	100
38) Carbon Tetrachloride	5.671	117	34481	18.357	ug/l	99
39) Methylcyclohexane	7.372	83	46566	18.791	ug/l	96
40) Benzene	6.031	78	113256	18.922	ug/l	100

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 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22027	19.301	ug/l	97
42) 1,2-Dichloroethane	6.086	62	37792	19.811	ug/l	98
43) Isopropyl Acetate	6.336	43	63554	18.459	ug/l	98
44) Trichloroethene	7.122	130	24953	18.239	ug/l	100
45) 1,2-Dichloropropane	7.427	63	27612	18.543	ug/l	94
46) Dibromomethane	7.580	93	19672	19.049	ug/l	98
47) Bromodichloromethane	7.817	83	38240	19.124	ug/l	98
48) Methyl methacrylate	7.689	41	31017	19.106	ug/l	97
49) 1,4-Dioxane	7.659	88	13925	399.801	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	211899	101.236	ug/l	97
52) Toluene	8.714	92	67935	19.058	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	36346	17.962	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	40844	18.104	ug/l	99
55) 1,1,2-Trichloroethane	9.146	97	26296	19.190	ug/l	98
56) Ethyl methacrylate	9.116	69	40980	18.516	ug/l	97
57) 1,3-Dichloropropane	9.305	76	46604	19.438	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	104955	96.581	ug/l	100
59) 2-Hexanone	9.427	43	154657	102.550	ug/l	98
60) Dibromochloromethane	9.518	129	27533	18.788	ug/l	99
61) 1,2-Dibromoethane	9.604	107	26548	19.115	ug/l	96
64) Tetrachloroethene	9.268	164	21396	18.903	ug/l	98
65) Chlorobenzene	10.073	112	72694	18.857	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22294	17.968	ug/l	96
67) Ethyl Benzene	10.189	91	128430	18.879	ug/l	99
68) m/p-Xylenes	10.299	106	96088	38.291	ug/l	99
69) o-Xylene	10.640	106	47534	18.878	ug/l	100
70) Styrene	10.652	104	78288	19.298	ug/l	99
71) Bromoform	10.799	173	17535	18.936	ug/l #	98
73) Isopropylbenzene	10.957	105	120952	18.252	ug/l	100
74) N-amyl acetate	10.841	43	55519	18.514	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	42256	18.556	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	33758m	18.500	ug/l	
77) Bromobenzene	11.195	156	28158	18.742	ug/l	97
78) n-propylbenzene	11.298	91	140438	18.361	ug/l	99
79) 2-Chlorotoluene	11.359	91	86613	18.425	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	100686	18.723	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	11525	16.247	ug/l	91
82) 4-Chlorotoluene	11.451	91	97212	18.692	ug/l	99
83) tert-Butylbenzene	11.713	119	100970	18.560	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	102485	19.309	ug/l	99
85) sec-Butylbenzene	11.890	105	126144	18.725	ug/l	100
86) p-Isopropyltoluene	12.006	119	102245	18.873	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51423	18.612	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	52003	18.616	ug/l	99
89) n-Butylbenzene	12.329	91	89228	18.617	ug/l	99
90) Hexachloroethane	12.536	117	17270	17.025	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	52467	19.322	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7371	17.736	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	29489	17.948	ug/l	99
94) Hexachlorobutadiene	13.725	225	12394	19.001	ug/l	98
95) Naphthalene	13.774	128	110501	18.605	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	30930	18.682	ug/l	99

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

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Supervised By :Mahesh Dadoda 02/14/2025

Abundance

TIC: VX044923.D\data.ms

Time-->

600000

550000

500000

450000

400000

350000

300000

250000

200000

150000

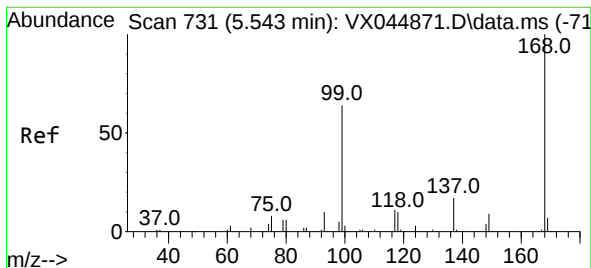
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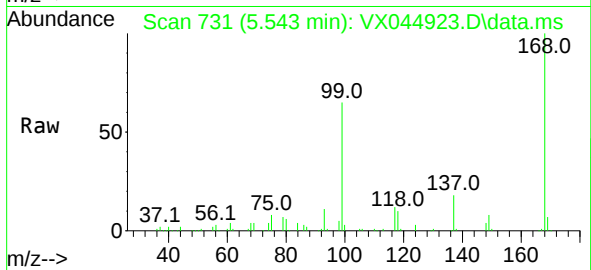
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Dichlorodifluoromethane, T
Chloroethyl ether, C
Chloromethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acetone, T
1,1,2-Trichloroethane, T
Methyl isopropyl sulfide, T
Methyl isopropyl chloride, T
Methyl isopropyl chloride, T
Tert butyl alcohol, T
1,1-Dichloroethane, P
Diisopropyl ether, T
Vinyl Acetate, T
2-Butanone, T
Ethyl Acetate, T
Bromochloromethane, T
Chloroform, C
Cyclohexane, T
1,2-Dichloroethane, S
Pentachlorobenzene, I
Carbon tetrachloride, T
1,2-Dichloroethane, T
1,2-Dichloroethane-d4, S
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
1,4-Dioxane, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
2-Hexanone, T
2-Chloropropene, T
1,3-Dichloropropane, T
Ethyl isopropyl ether, T
1,3-Dichloropropane, T
1,2-Dichloroethane, T
1,1,1,2-Tetrachloroethane, T
Chlorobenzene, T
Ethyl Benzene, C
1,1,1,2-Tetrachloroethane, T
Styrene, Xylene, T
N-amyl acetate, T
trans-1,2-Dichloro-2-butene, T
Isopropylbenzene, T
1,2,3-Trichlorobenzene, T
2-Chlorobenzene, T
tert-Butylbenzene, T
1,2,4-Trimethylbenzene, T
sec-Butylbenzene, T
1,2-Dichlorobenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene-d4, I
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
Hexachlorobutadiene, T
1,2,4-Trichlorobenzene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.000 min
Lab File: VX044923.D
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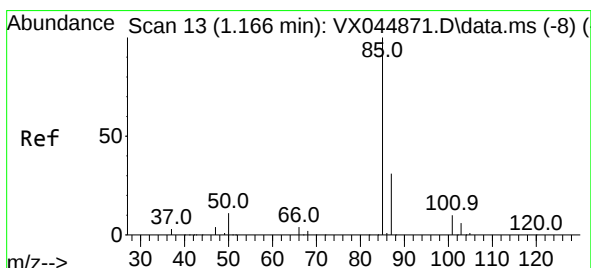
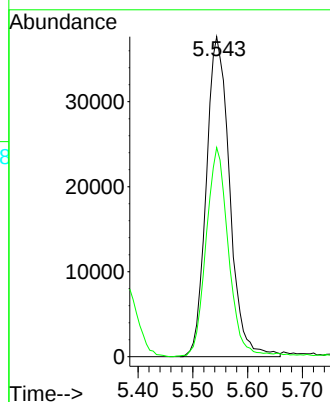
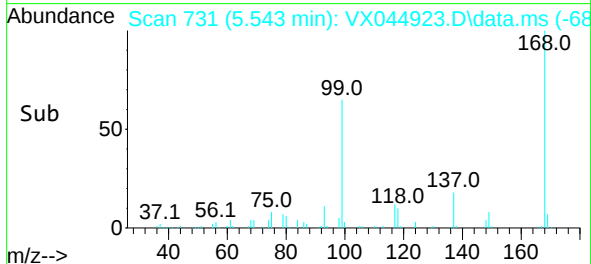
Instrument :
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ClientSampleId :
VX0212WBS01



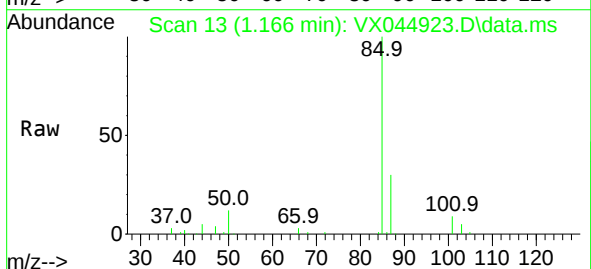
Tgt Ion:168 Resp: 11126
Ion Ratio Lower Upper
168 100
99 65.1 51.2 76.8

Manual Integrations
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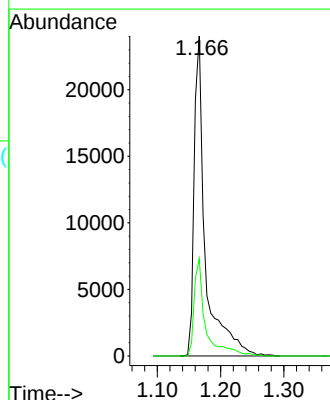
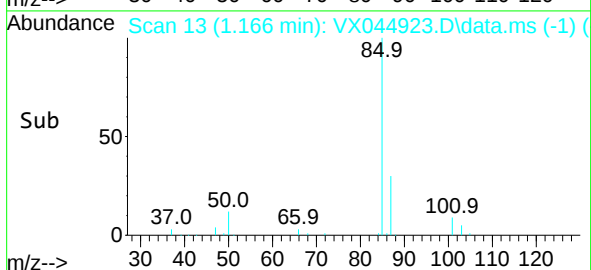
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#2
Dichlorodifluoromethane
Concen: 19.095 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion: 85 Resp: 29797
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.3





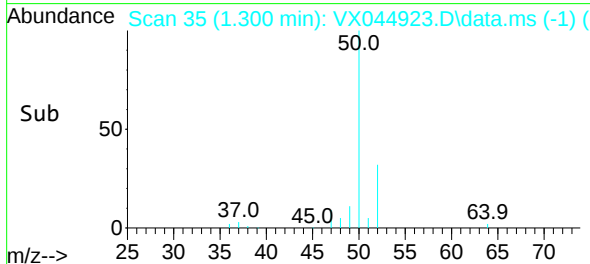
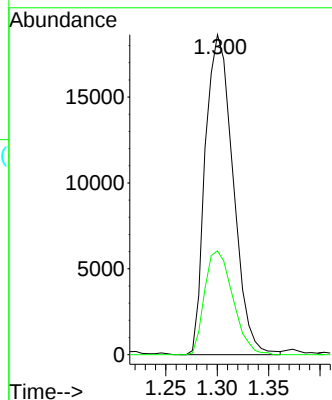
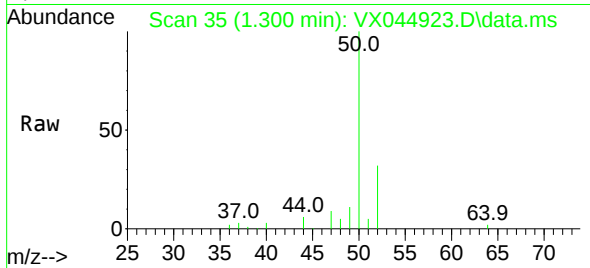
#3
Chloromethane
Concen: 18.427 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion: 50 Resp: 3499
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9

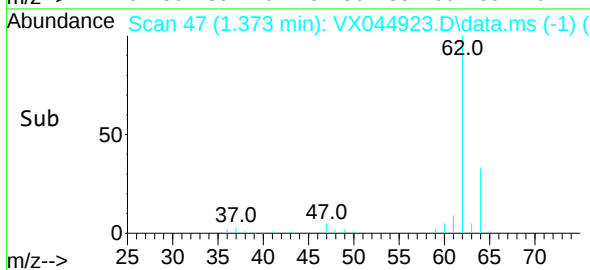
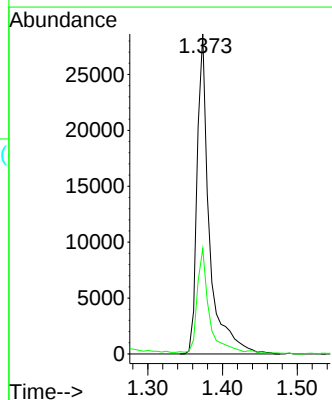
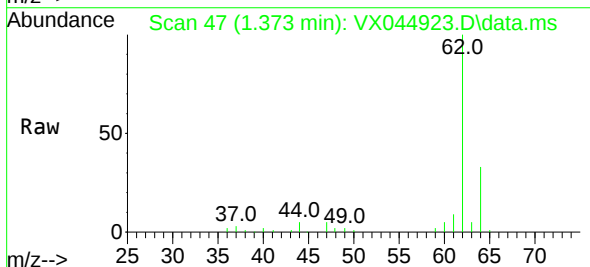
Manual Integrations
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#4
Vinyl Chloride
Concen: 17.716 ug/l
RT: 1.373 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

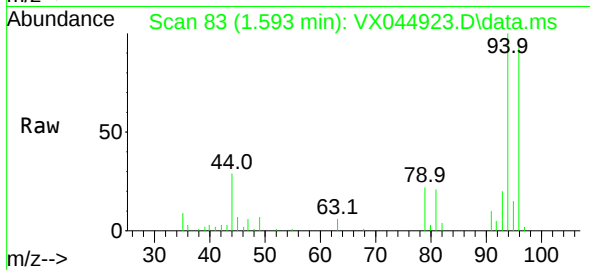
Tgt Ion: 62 Resp: 32596
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0





#5
Bromomethane
Concen: 20.156 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

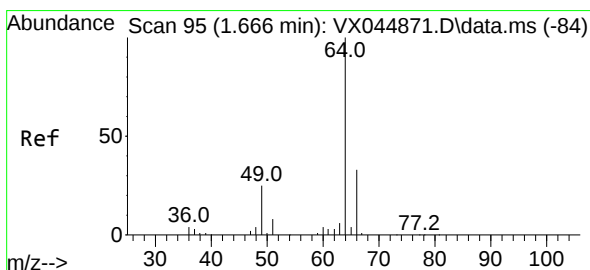
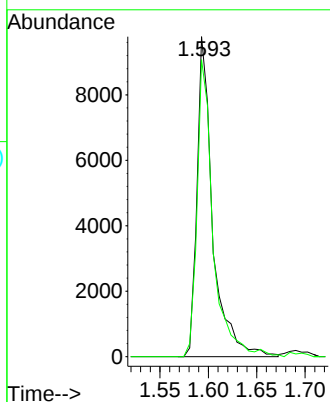
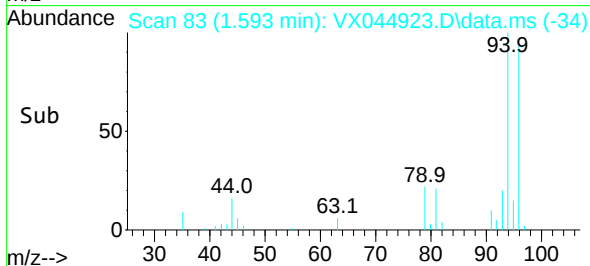
Instrument :
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ClientSampleId :
VX0212WBS01



Tgt Ion: 94 Resp: 11098
Ion Ratio Lower Upper
94 100
96 92.8 71.6 107.4

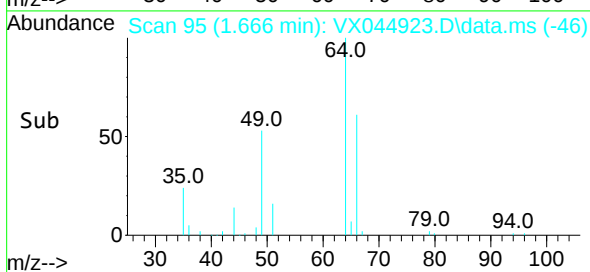
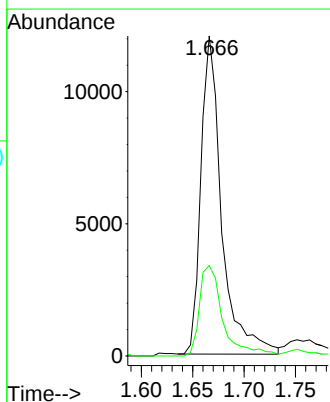
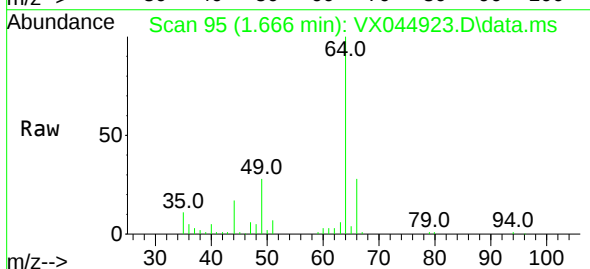
Manual Integrations
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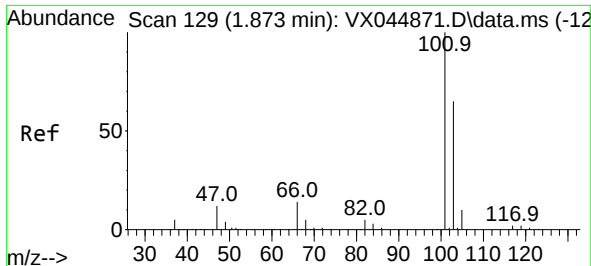
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#6
Chloroethane
Concen: 21.813 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

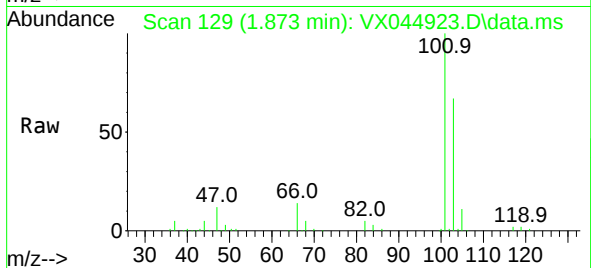
Tgt Ion: 64 Resp: 16921
Ion Ratio Lower Upper
64 100
66 28.4 25.9 38.9





#7
Trichlorofluoromethane
Concen: 18.911 ug/l
RT: 1.873 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

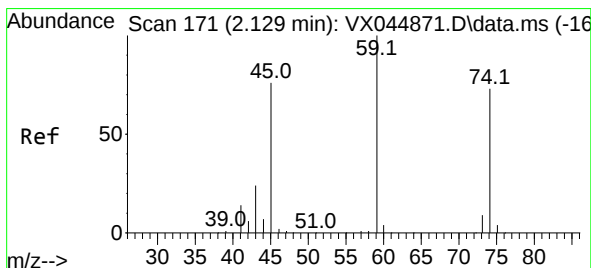
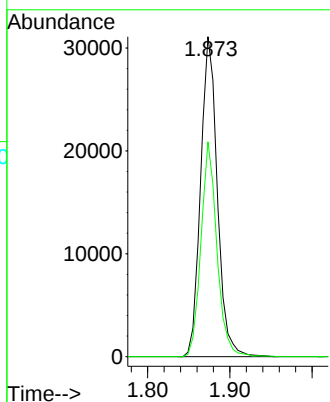
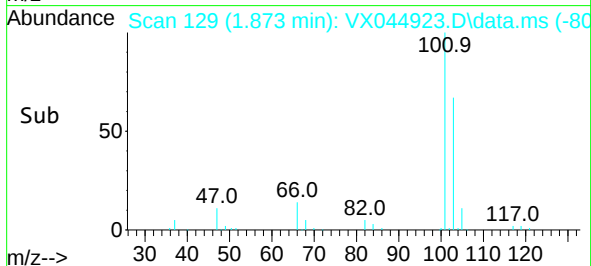
Instrument :
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ClientSampleId :
VX0212WBS01



Tgt Ion:101 Resp: 4400
Ion Ratio Lower Upper
101 100
103 67.2 52.4 78.6

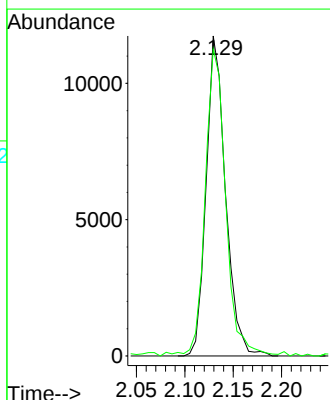
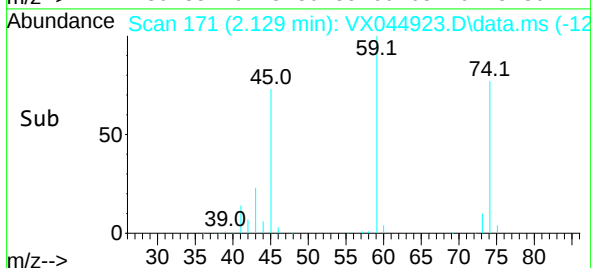
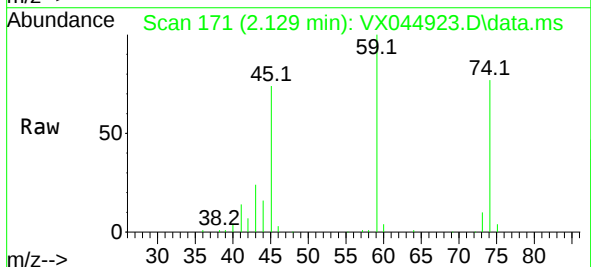
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#8
Diethyl Ether
Concen: 19.426 ug/l
RT: 2.129 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion: 74 Resp: 16393
Ion Ratio Lower Upper
74 100
45 101.4 51.1 153.4





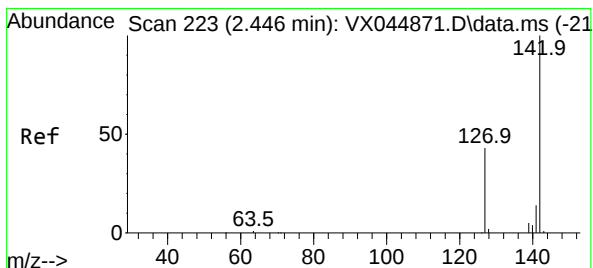
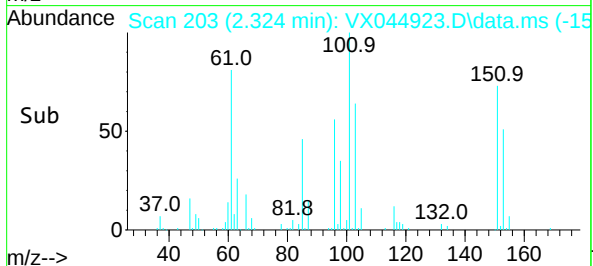
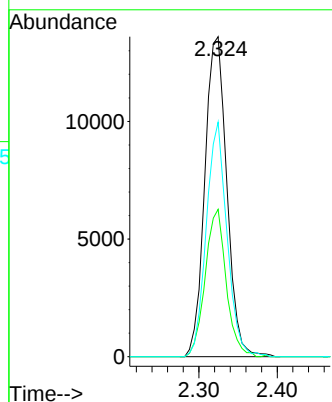
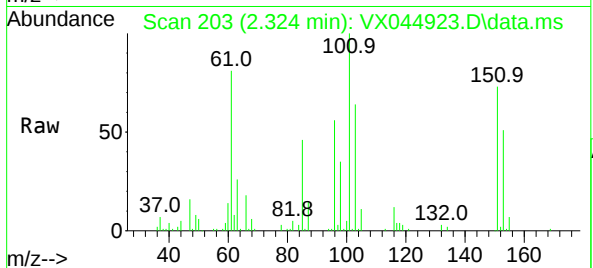
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.891 ug/l
RT: 2.324 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion:101 Resp: 2655
Ion Ratio Lower Upper
101 100
85 43.8 35.7 53.5
151 69.0 56.0 84.0

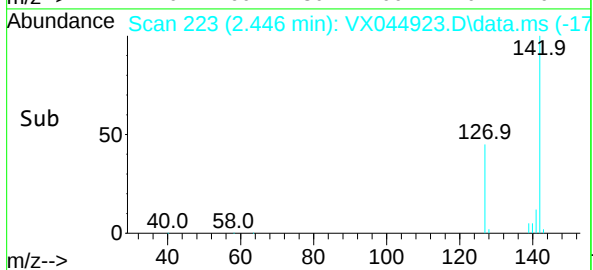
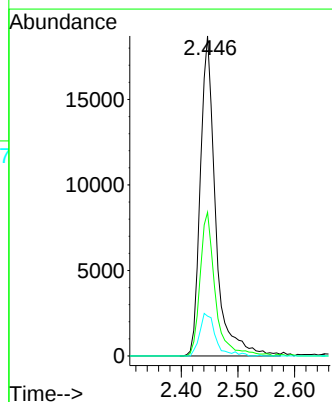
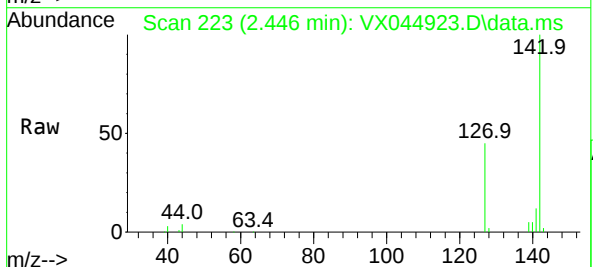
Manual Integrations
APPROVED

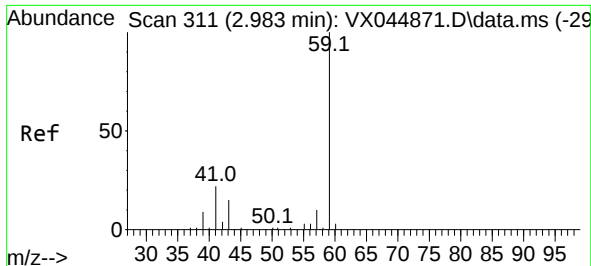
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#10
Methyl Iodide
Concen: 19.301 ug/l
RT: 2.446 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion:142 Resp: 35166
Ion Ratio Lower Upper
142 100
127 44.7 34.3 51.5
141 13.9 11.4 17.2





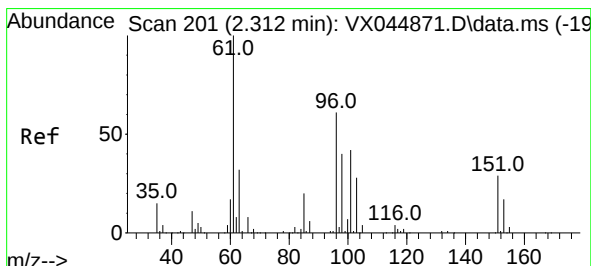
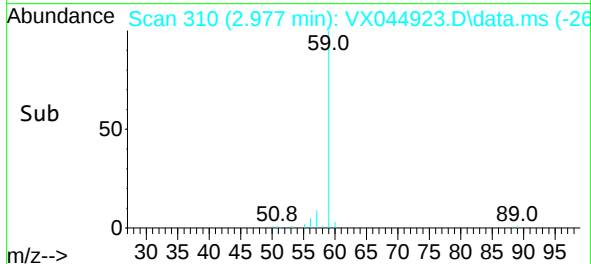
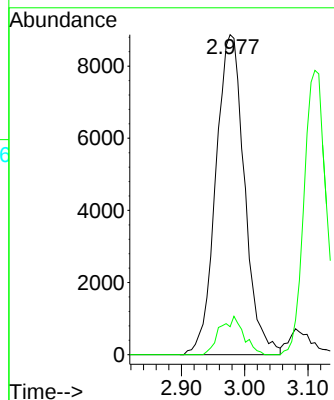
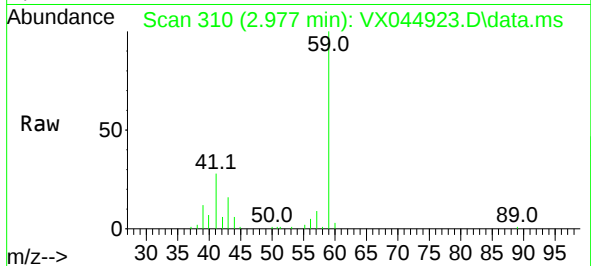
#11
Tert butyl alcohol
Concen: 92.390 ug/l
RT: 2.977 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion: 59 Resp: 27915
Ion Ratio Lower Upper
59 100
57 10.0 8.1 12.1

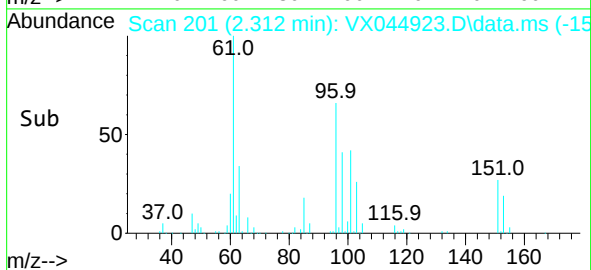
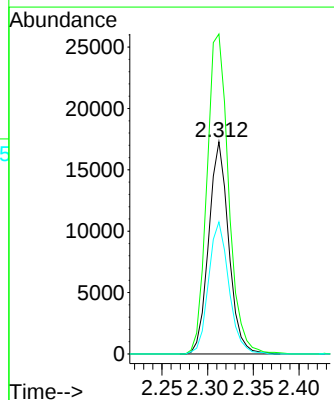
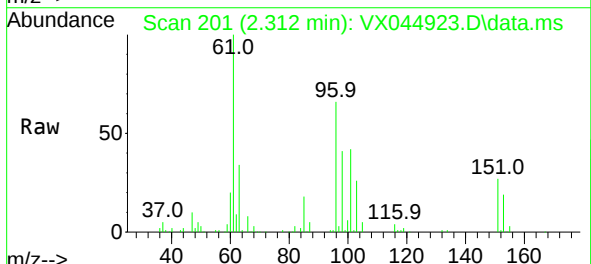
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#12
1,1-Dichloroethene
Concen: 18.330 ug/l
RT: 2.312 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

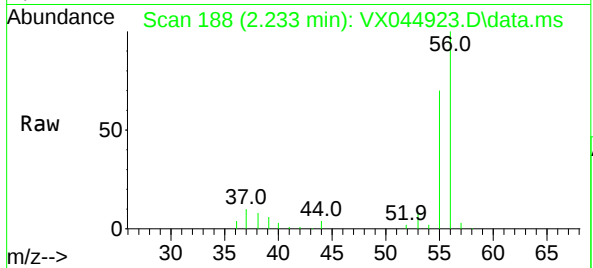
Tgt Ion: 96 Resp: 26286
Ion Ratio Lower Upper
96 100
61 150.9 130.2 195.4
98 62.2 52.2 78.4





#13
Acrolein
Concen: 107.421 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

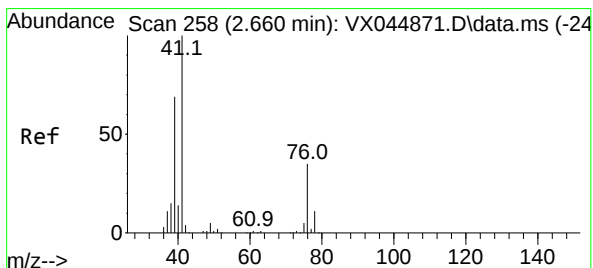
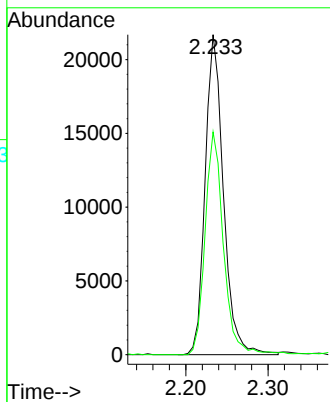
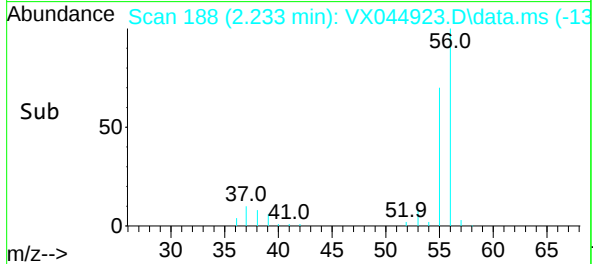
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion: 56 Resp: 3348
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5

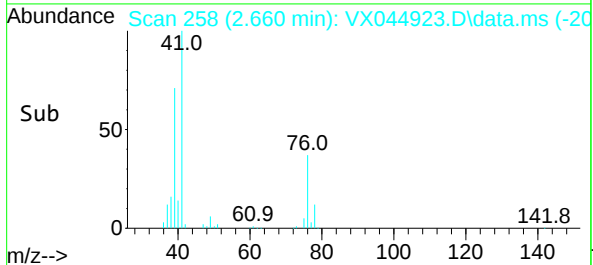
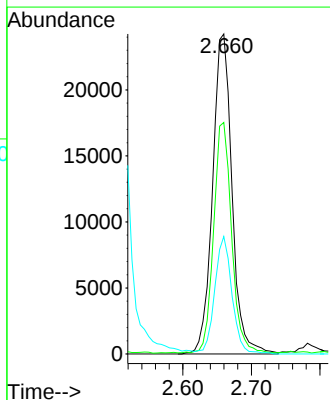
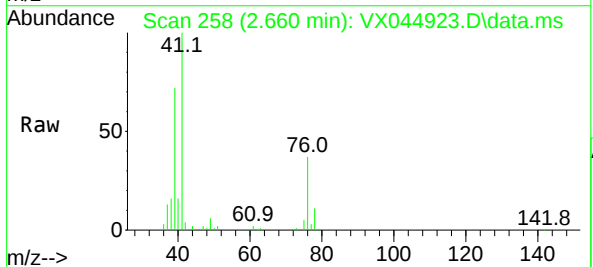
Manual Integrations
APPROVED

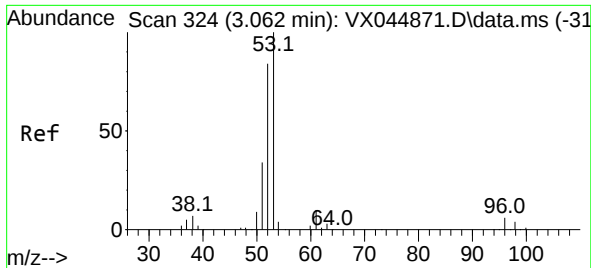
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#14
Allyl chloride
Concen: 18.419 ug/l
RT: 2.660 min Scan# 258
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion: 41 Resp: 47738
Ion Ratio Lower Upper
41 100
39 66.1 51.4 77.2
76 32.6 27.0 40.4





#15

Acrylonitrile

Concen: 96.028 ug/l

RT: 3.062 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

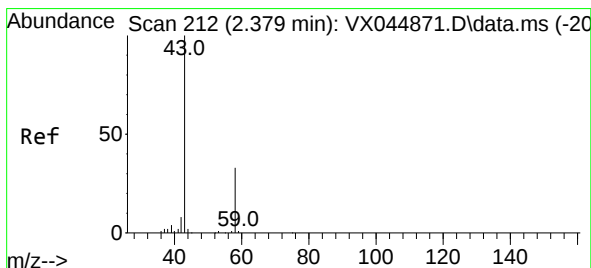
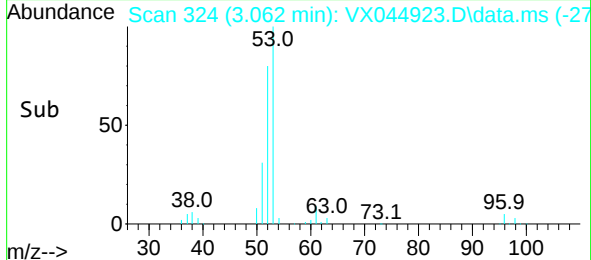
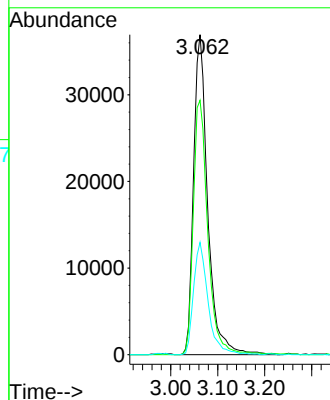
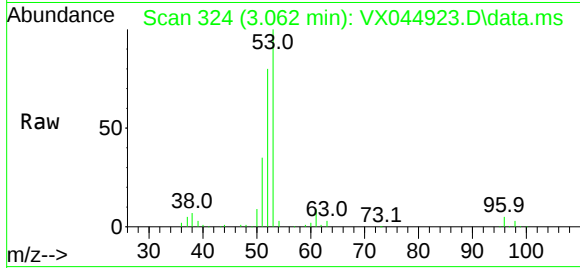
Tgt Ion: 53	Resp: 7746
Ion Ratio	Lower Upper
53 100	
52 81.6	65.0 97.6
51 36.1	28.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#16

Acetone

Concen: 95.211 ug/l

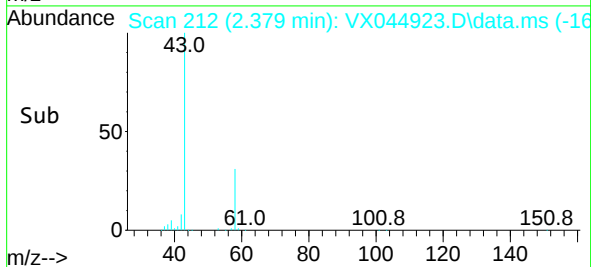
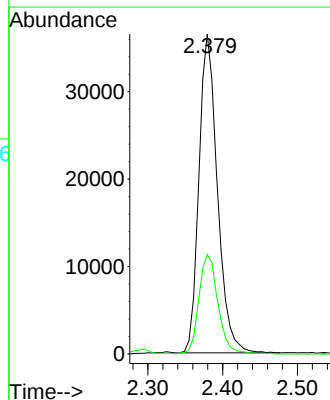
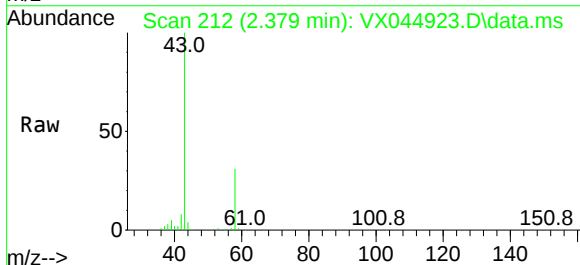
RT: 2.379 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Tgt Ion: 43	Resp: 62338
Ion Ratio	Lower Upper
43 100	
58 31.2	26.5 39.7





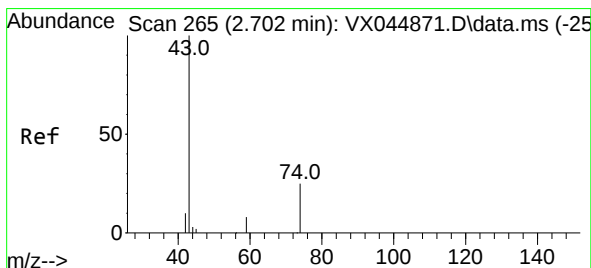
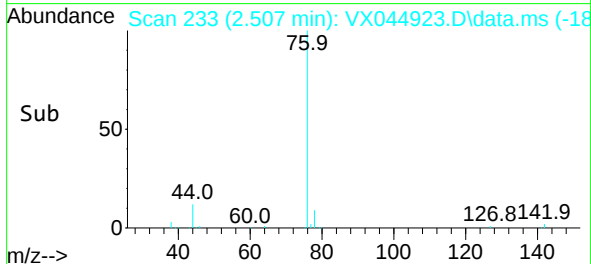
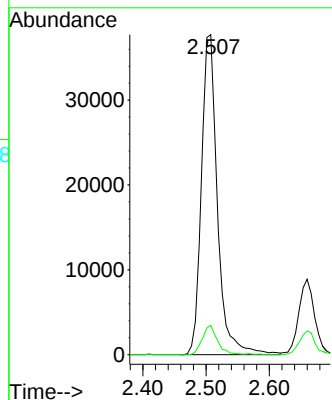
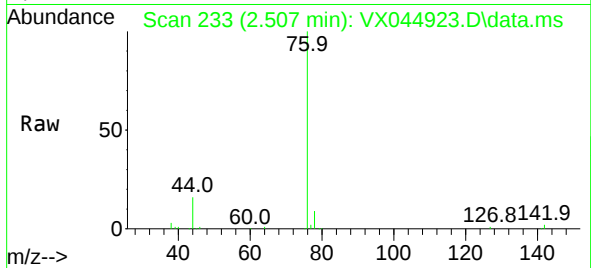
#17
Carbon Disulfide
Concen: 16.927 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion: 76 Resp: 66564
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

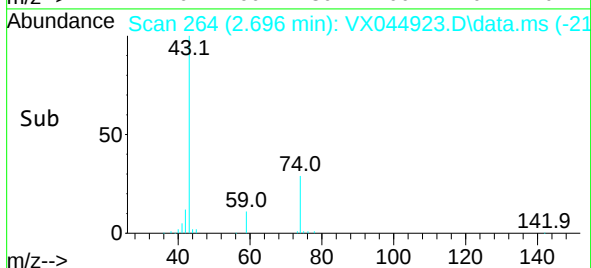
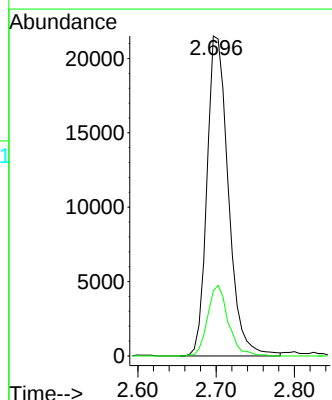
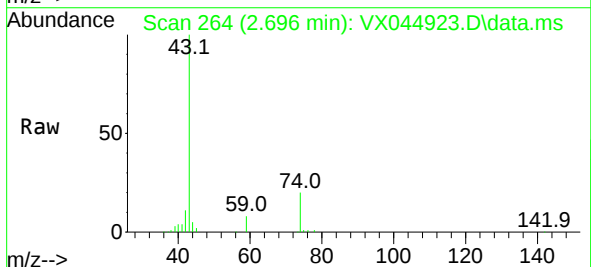
Manual Integrations
APPROVED

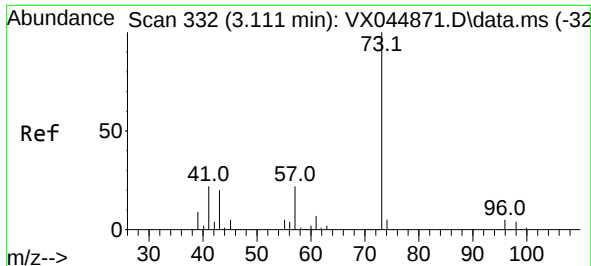
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#18
Methyl Acetate
Concen: 19.757 ug/l
RT: 2.696 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion: 43 Resp: 40821
Ion Ratio Lower Upper
43 100
74 21.3 18.9 28.3





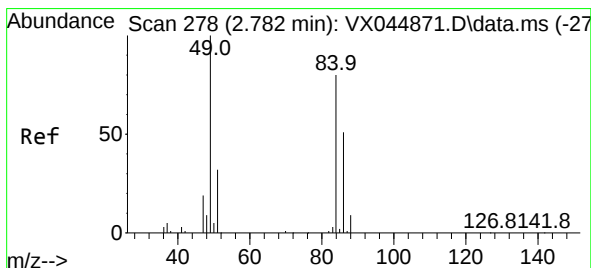
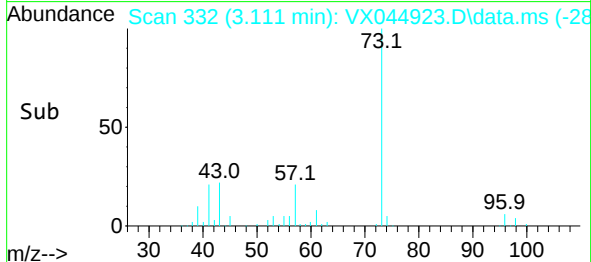
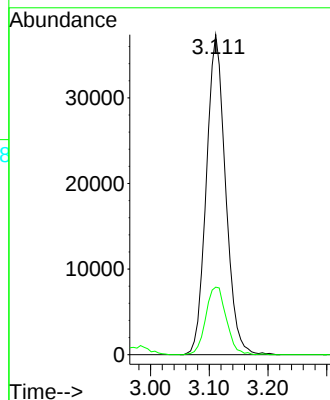
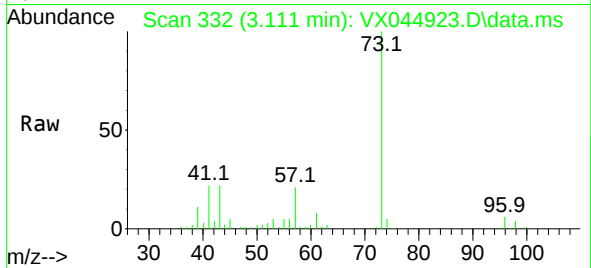
#19
Methyl tert-butyl Ether
Concen: 18.609 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion: 73 Resp: 8490
Ion Ratio Lower Upper
73 100
57 21.1 17.9 26.9

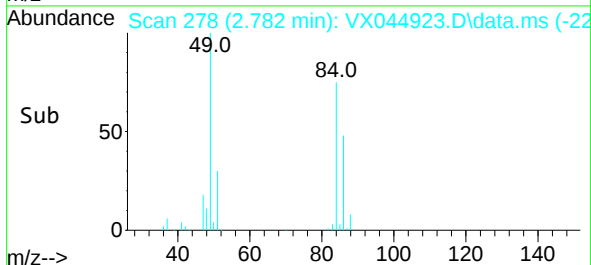
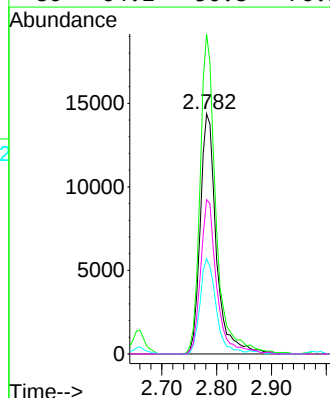
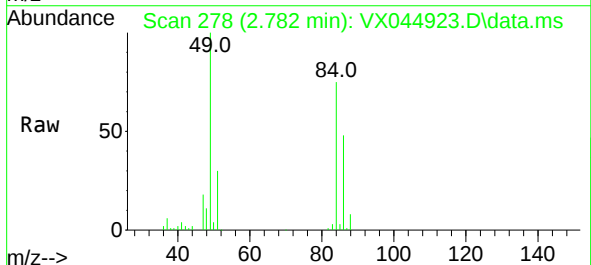
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#20
Methylene Chloride
Concen: 18.375 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

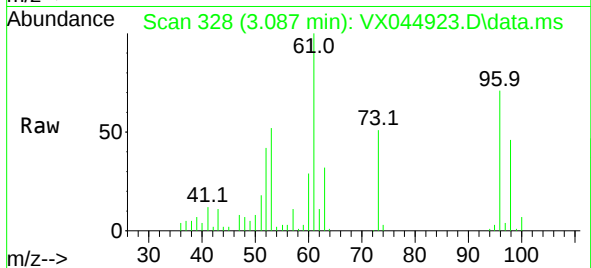
Tgt Ion: 84 Resp: 29468
Ion Ratio Lower Upper
84 100
49 133.2 100.1 150.1
51 39.6 31.7 47.5
86 64.2 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 18.233 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

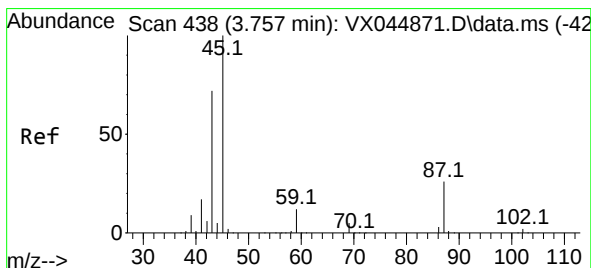
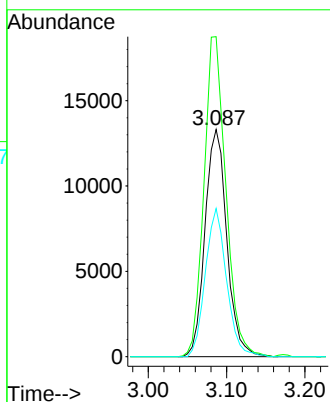
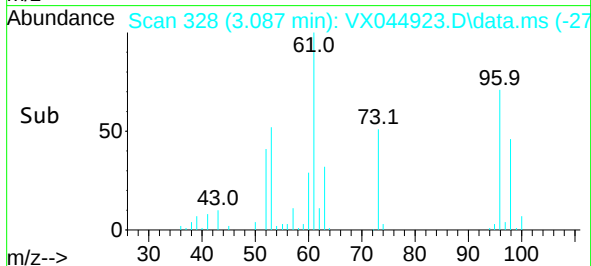
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



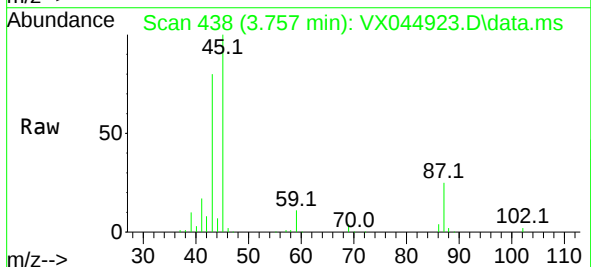
Tgt Ion: 96 Resp: 25735
Ion Ratio Lower Upper
96 100
61 140.8 106.0 159.0
98 65.2 50.6 76.0

Manual Integrations
APPROVED

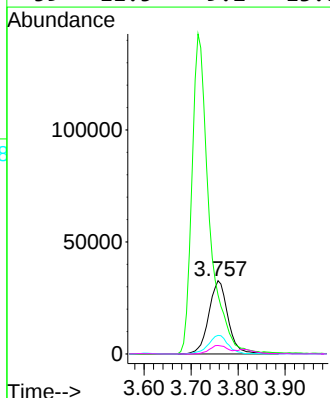
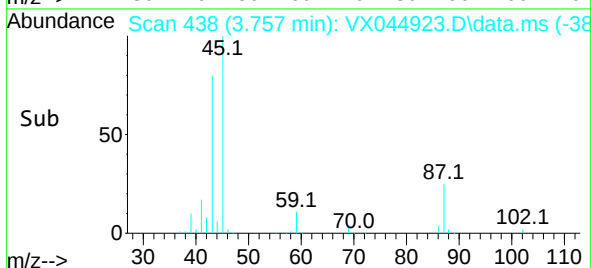
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#22
Diisopropyl ether
Concen: 18.921 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



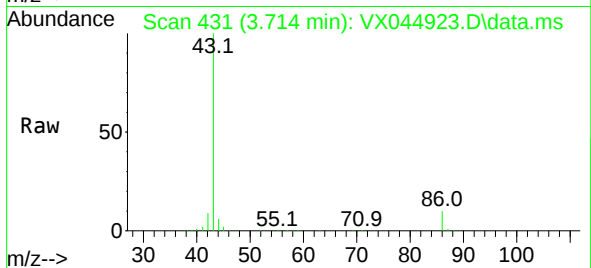
Tgt Ion: 45 Resp: 92775
Ion Ratio Lower Upper
45 100
43 80.1 58.0 87.0
87 25.3 20.7 31.1
59 11.5 9.2 13.8





#23
 Vinyl Acetate
 Concen: 91.811 ug/l
 RT: 3.714 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX044923.D
 Acq: 12 Feb 2025 11:20

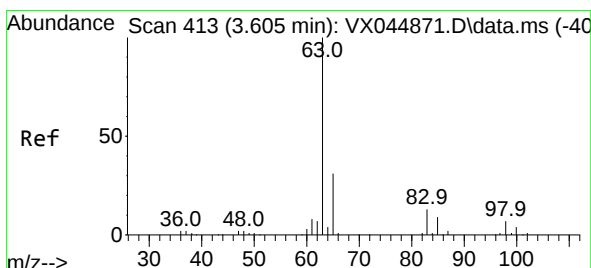
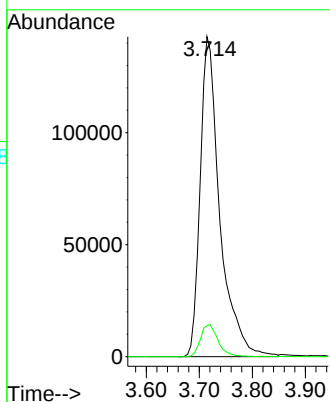
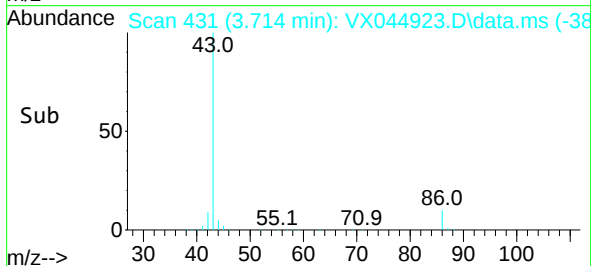
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01



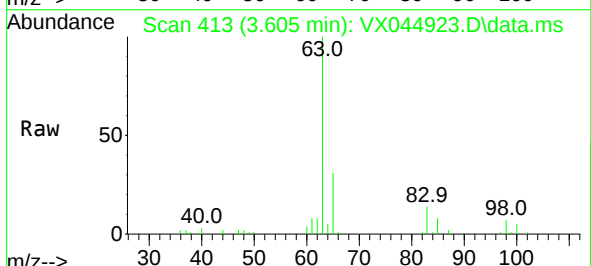
Tgt Ion: 43 Resp: 367002
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.3 12.5

Manual Integrations
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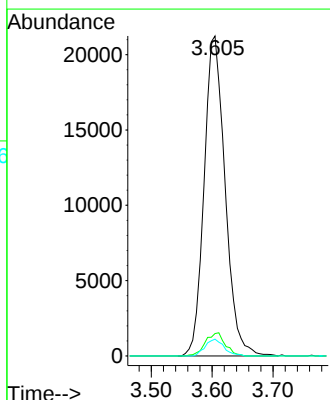
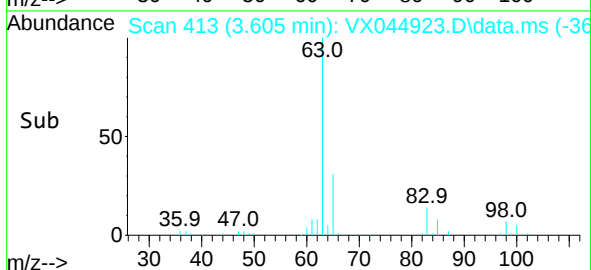
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

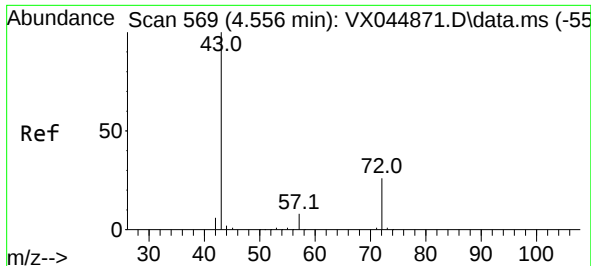


#24
 1,1-Dichloroethane
 Concen: 18.581 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX044923.D
 Acq: 12 Feb 2025 11:20



Tgt Ion: 63 Resp: 50977
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 5.3 2.1 6.5





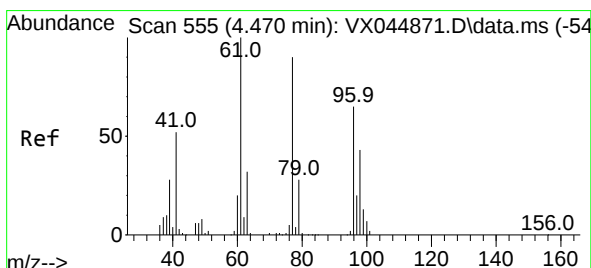
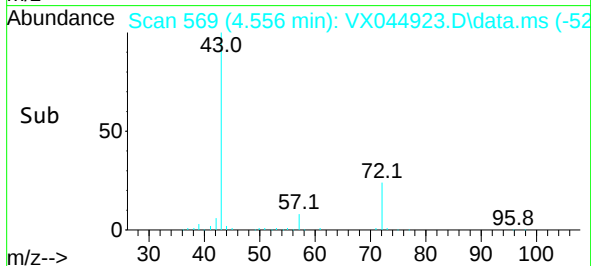
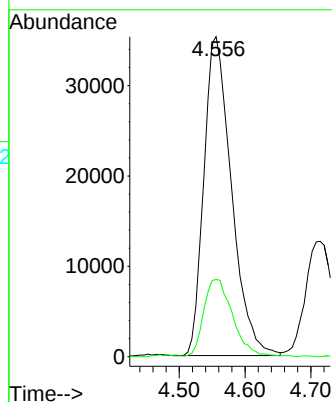
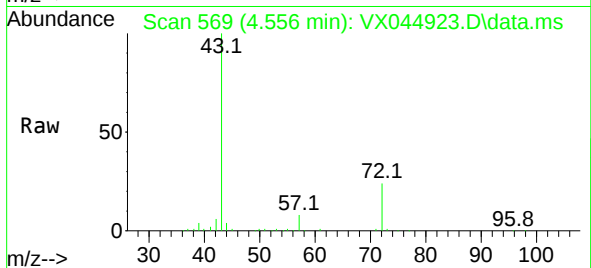
#25
2-Butanone
Concen: 97.054 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion: 43 Resp: 10318
Ion Ratio Lower Upper
43 100
72 24.0 21.2 31.8

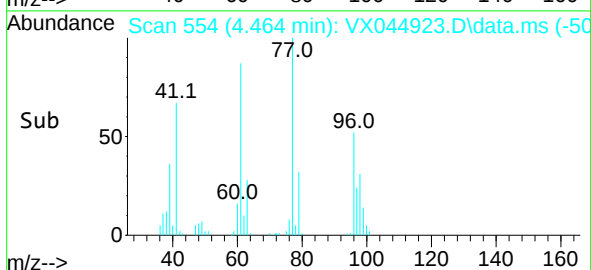
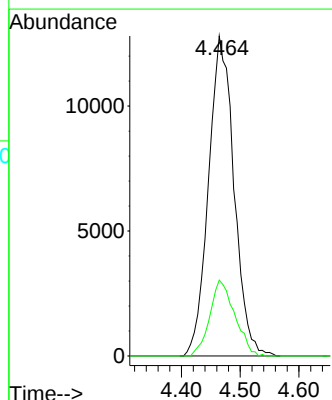
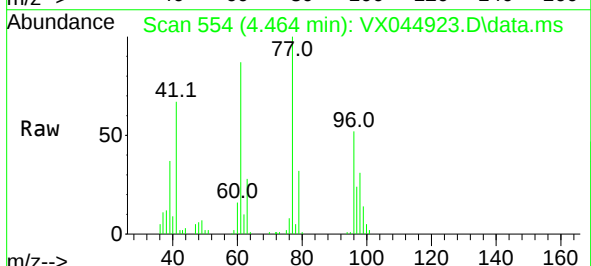
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#26
2,2-Dichloropropane
Concen: 17.734 ug/l
RT: 4.464 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion: 77 Resp: 38585
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 18.972 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

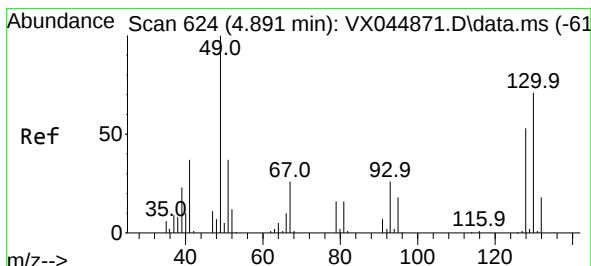
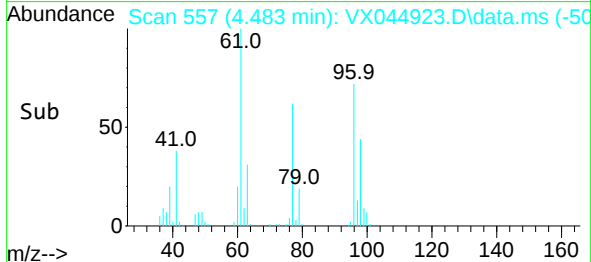
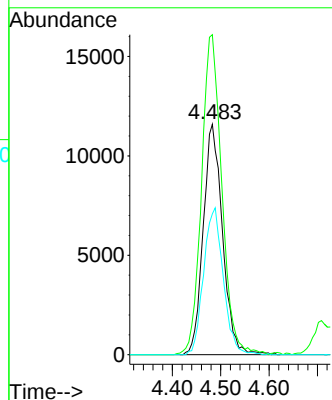
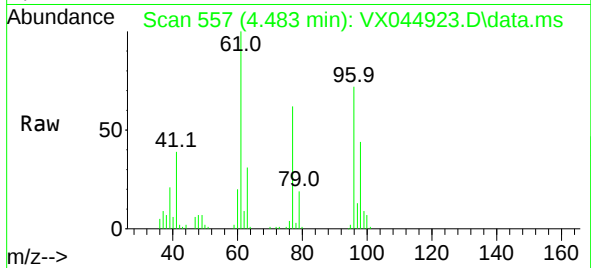
Tgt Ion: 96	Resp: 3216
Ion Ratio	Lower Upper
96 100	
61 145.7	0.0 294.0
98 64.8	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#28

Bromochloromethane

Concen: 18.042 ug/l

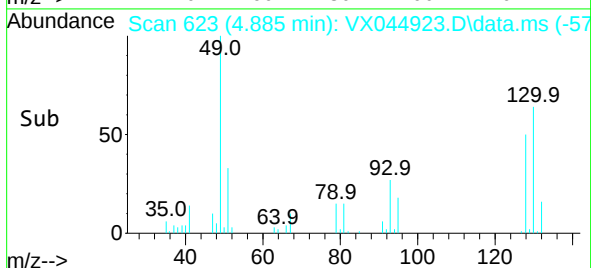
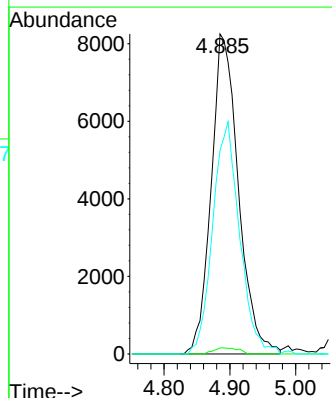
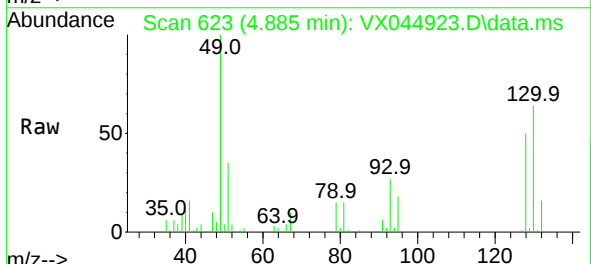
RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Tgt Ion: 49	Resp: 23788
Ion Ratio	Lower Upper
49 100	
129 1.7	0.0 3.6
130 71.6	56.7 85.1





#29

Tetrahydrofuran

Concen: 95.643 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

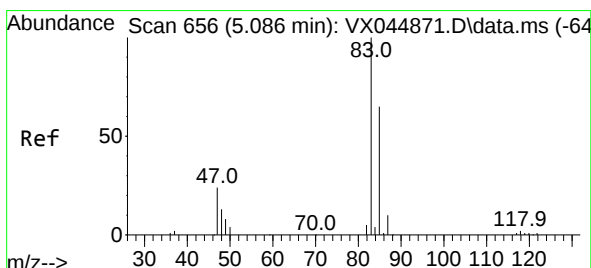
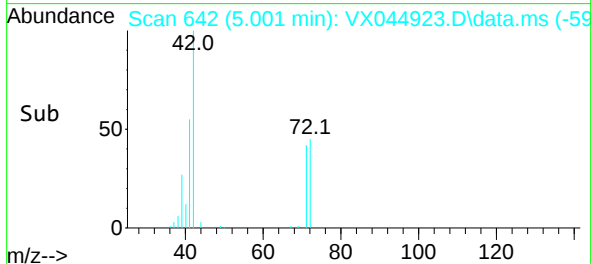
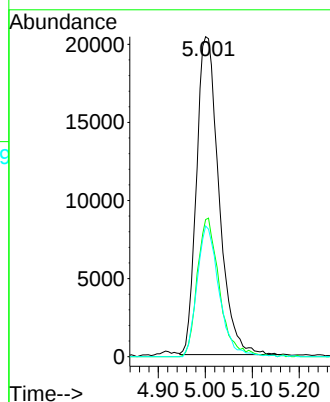
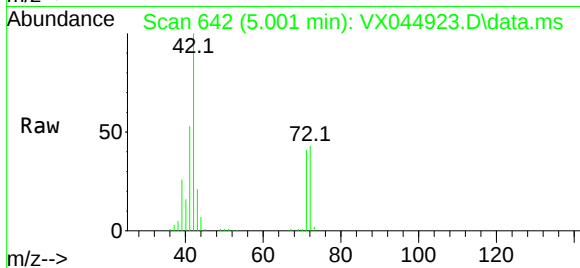
Tgt Ion:	42	Resp:	6752
Ion Ratio	Lower	Upper	
42	100		
72	43.2	35.0	52.4
71	40.5	32.6	48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#30

Chloroform

Concen: 19.103 ug/l

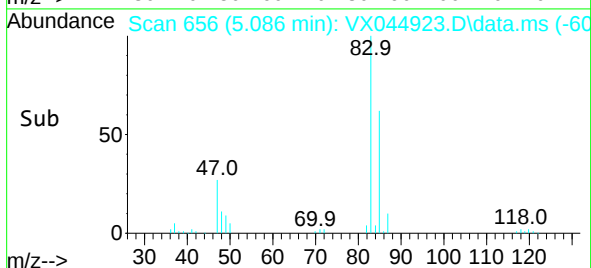
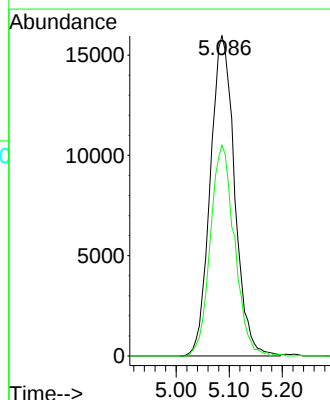
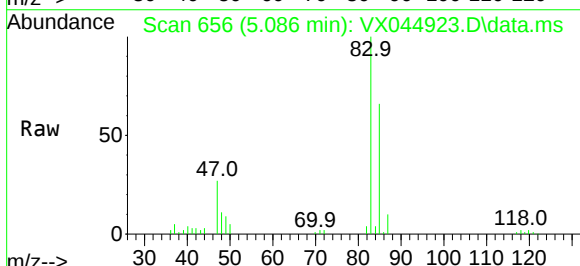
RT: 5.086 min Scan# 656

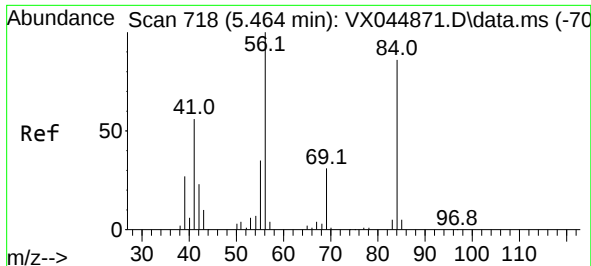
Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

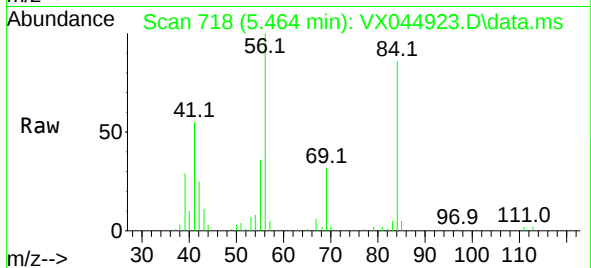
Tgt Ion:	83	Resp:	50826
Ion Ratio	Lower	Upper	
83	100		
85	65.9	52.1	78.1





#31
Cyclohexane
Concen: 18.126 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

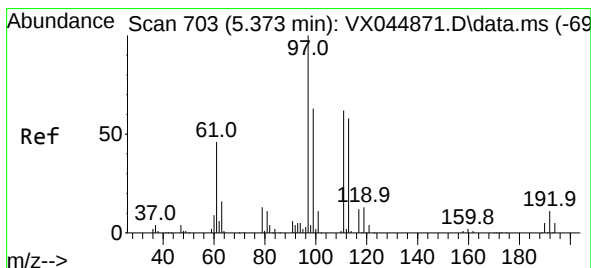
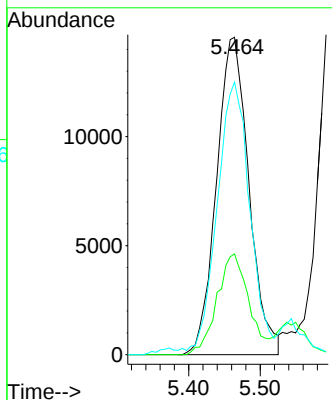
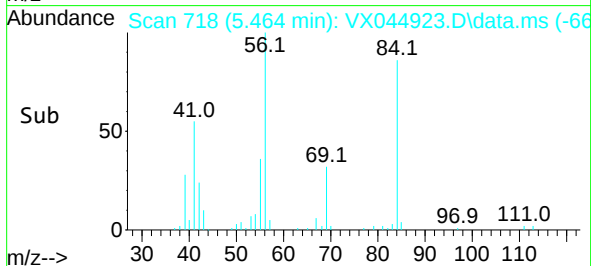
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



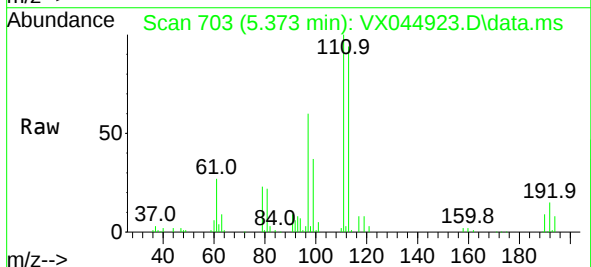
Tgt Ion: 56 Resp: 4584
Ion Ratio Lower Upper
56 100
69 31.7 24.4 36.6
84 84.5 69.0 103.6

Manual Integrations
APPROVED

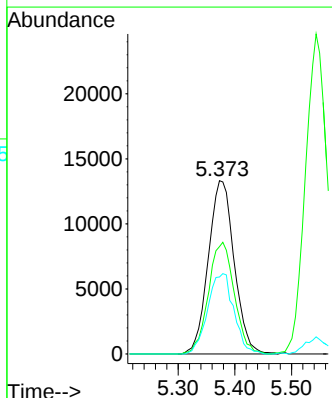
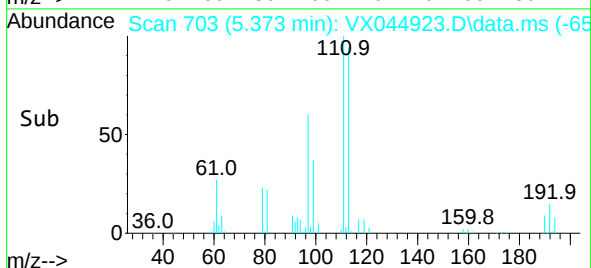
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

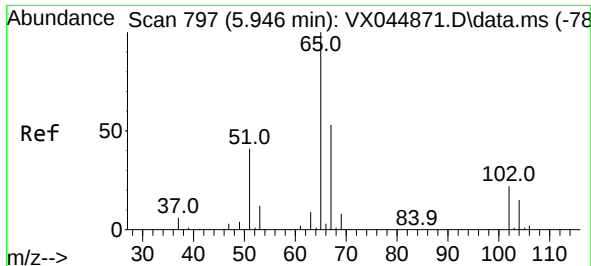


#32
1,1,1-Trichloroethane
Concen: 18.753 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion: 97 Resp: 42322
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 46.7 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.209 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tgt Ion: 65 Resp: 81774

Ion Ratio Lower Upper

65 100

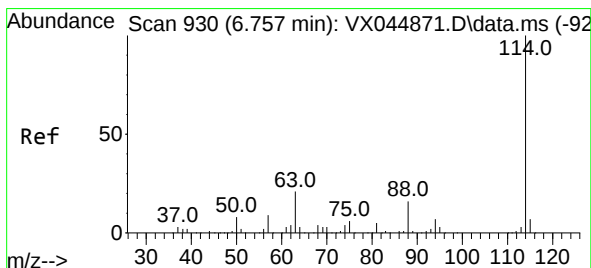
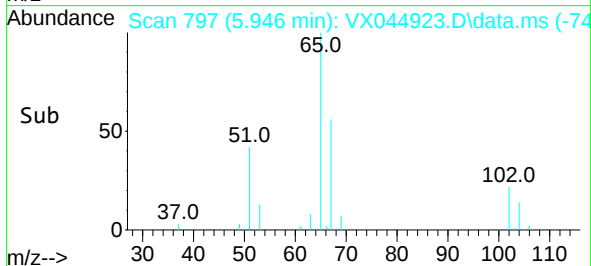
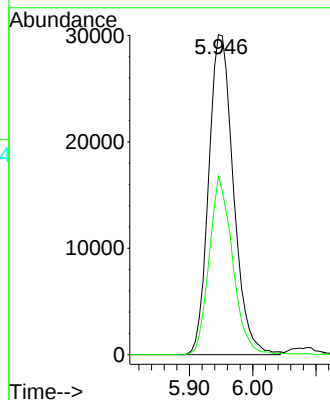
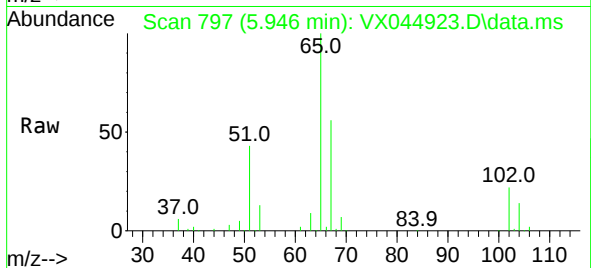
67 52.7 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

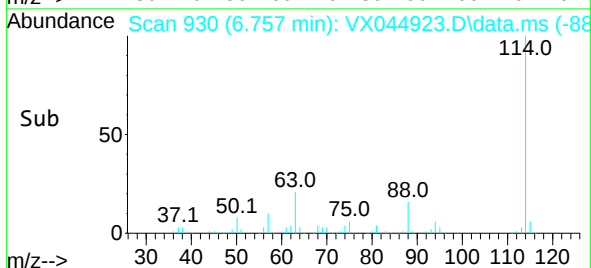
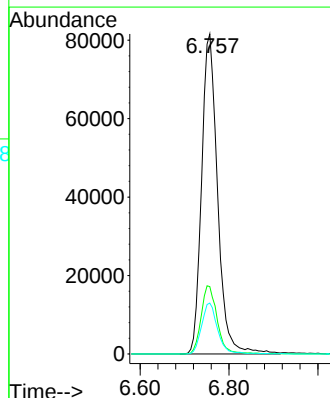
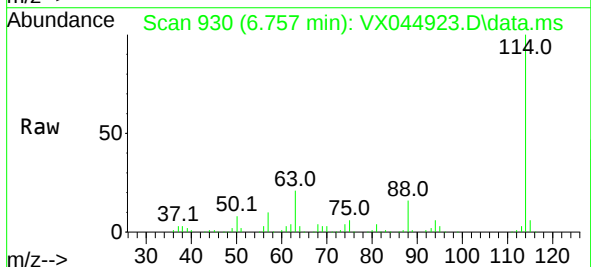
Tgt Ion:114 Resp: 204350

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.4

88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 49.362 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tgt Ion:113 Resp: 6558

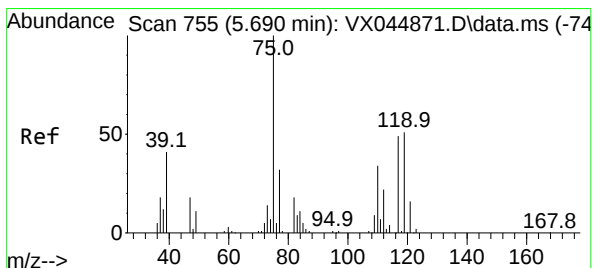
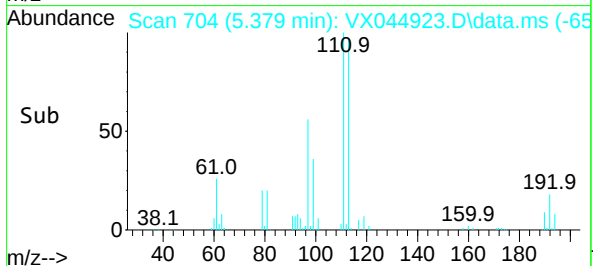
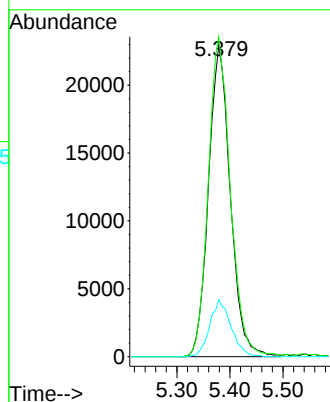
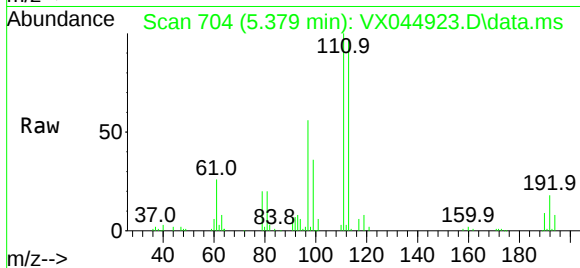
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.5	125.3
192	17.8	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#36

1,1-Dichloropropene

Concen: 18.352 ug/l

RT: 5.684 min Scan# 754

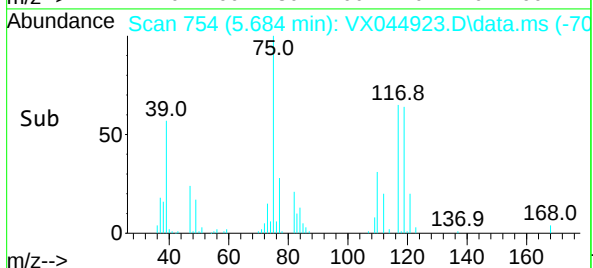
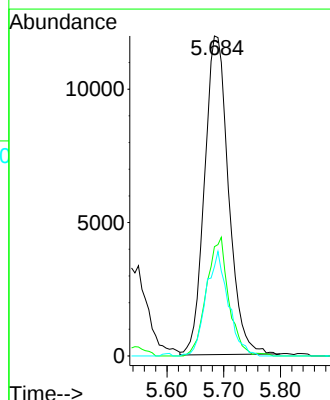
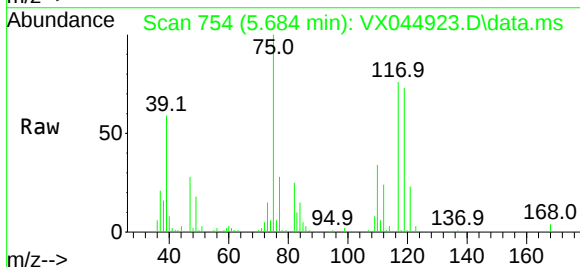
Delta R.T. -0.006 min

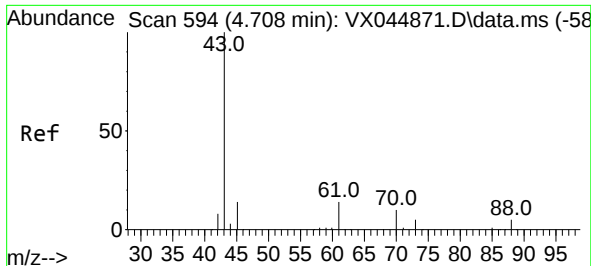
Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Tgt Ion: 75 Resp: 35178

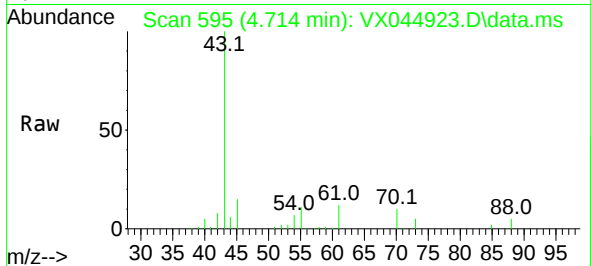
Ion	Ratio	Lower	Upper
75	100		
110	34.4	17.2	51.6
77	30.5	24.6	37.0





#37
Ethyl Acetate
Concen: 18.759 ug/l
RT: 4.714 min Scan# 594
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

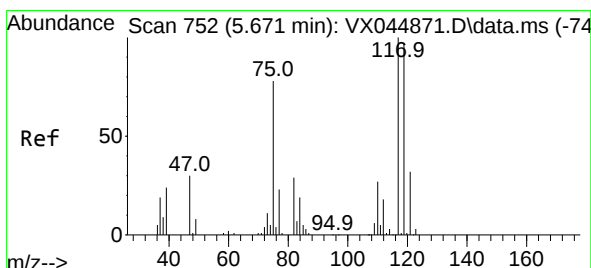
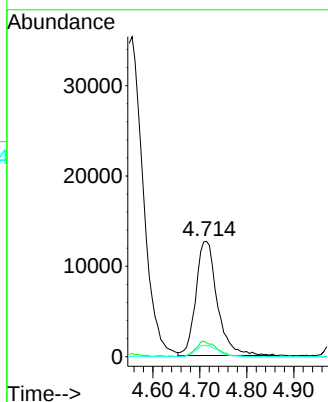
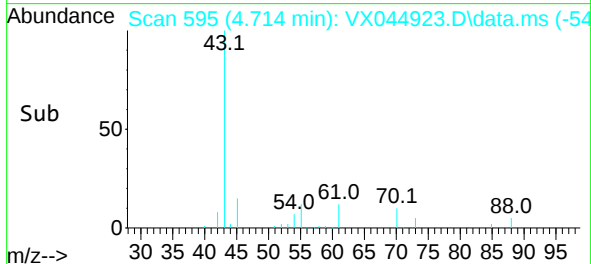
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion: 43 Resp: 3999
Ion Ratio Lower Upper
43 100
61 13.6 11.0 16.4
70 10.4 8.2 12.2

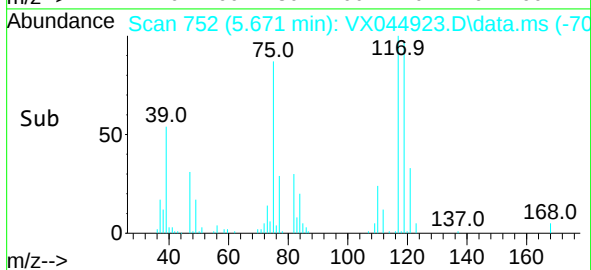
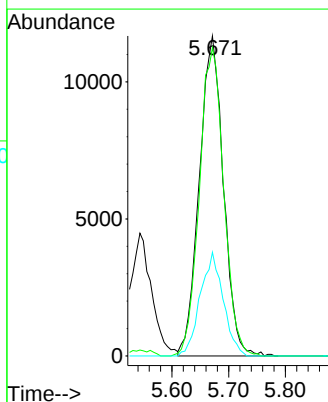
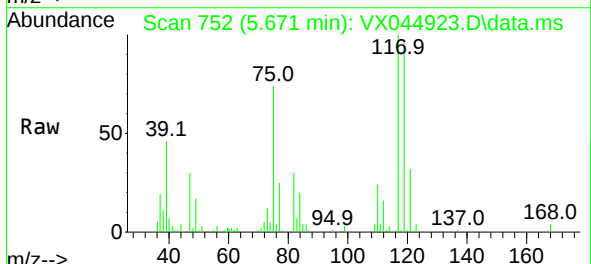
Manual Integrations
APPROVED

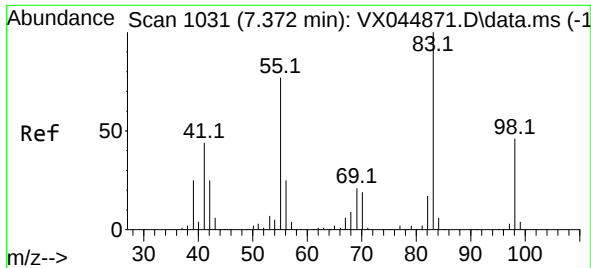
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#38
Carbon Tetrachloride
Concen: 18.357 ug/l
RT: 5.671 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

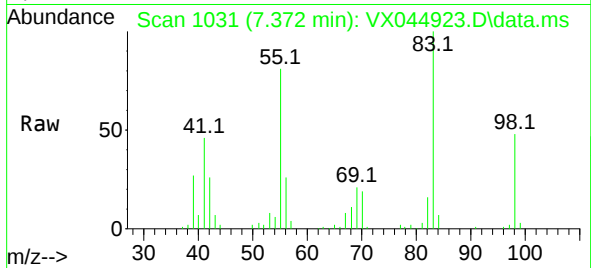
Tgt Ion:117 Resp: 34481
Ion Ratio Lower Upper
117 100
119 96.3 77.5 116.3
121 32.4 25.6 38.4





#39
Methylcyclohexane
Concen: 18.791 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

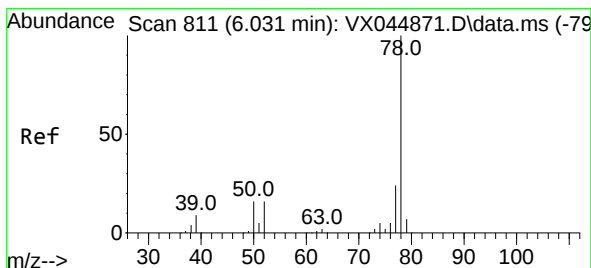
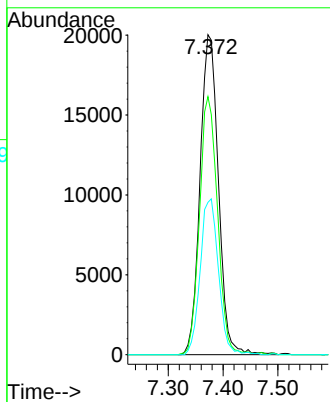
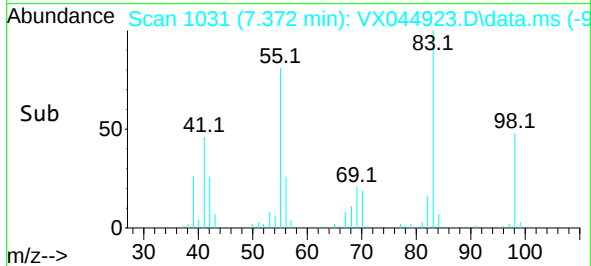
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion: 83 Resp: 46560
Ion Ratio Lower Upper
83 100
55 80.7 61.3 91.9
98 47.6 37.0 55.6

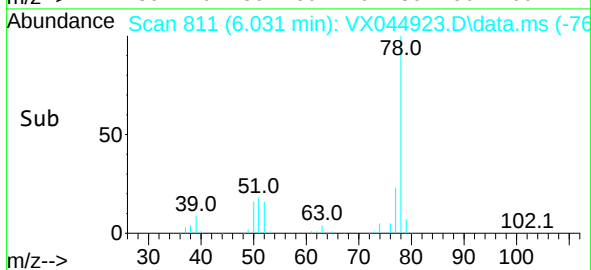
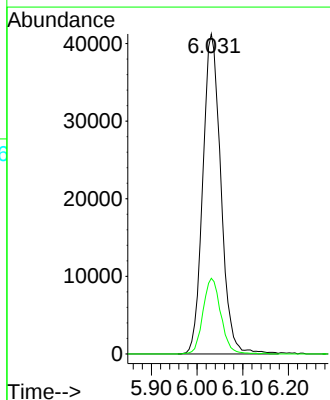
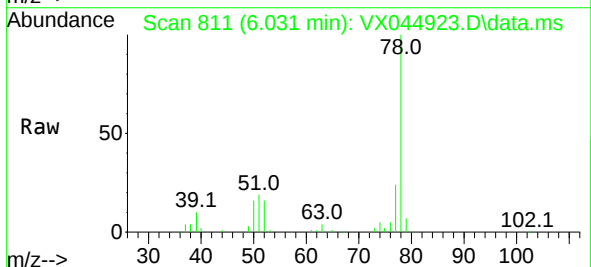
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#40
Benzene
Concen: 18.922 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

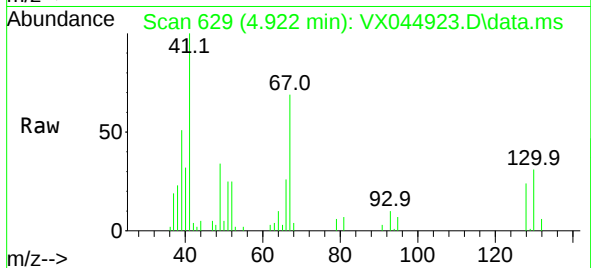
Tgt Ion: 78 Resp: 113256
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.6





#41
Methacrylonitrile
Concen: 19.301 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

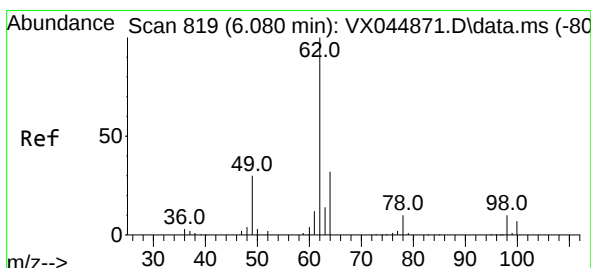
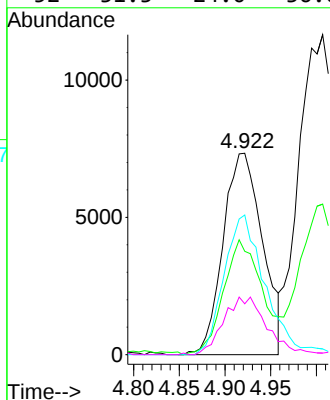
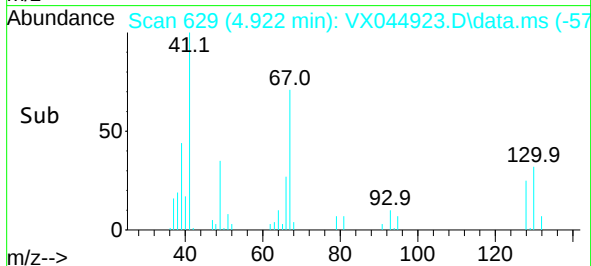
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



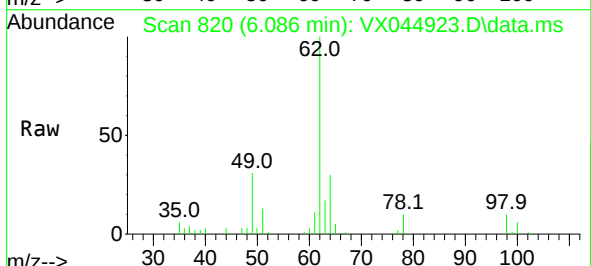
Tgt Ion: 41 Resp: 2202
Ion Ratio Lower Upper
41 100
39 57.9 43.1 64.7
67 72.5 57.0 85.6
52 31.3 24.0 36.0

Manual Integrations
APPROVED

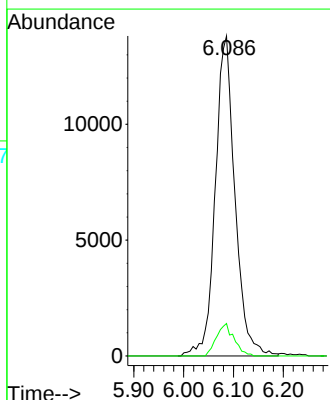
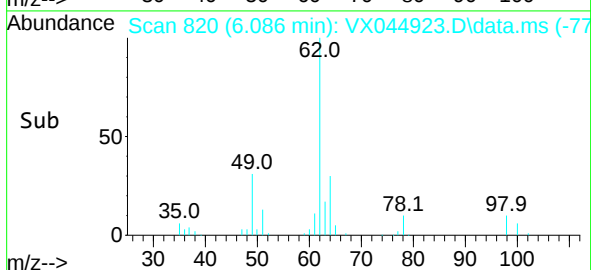
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#42
1,2-Dichloroethane
Concen: 19.811 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



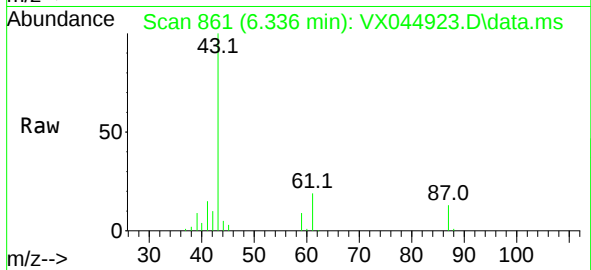
Tgt Ion: 62 Resp: 37792
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.459 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

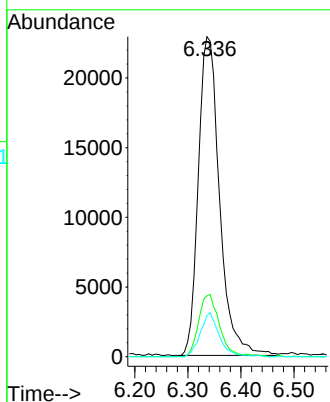
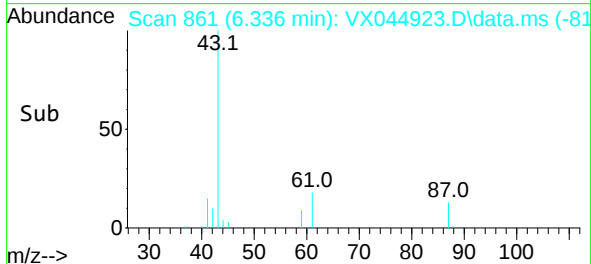
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion: 43 Resp: 63554
Ion Ratio Lower Upper
43 100
61 18.8 15.8 23.8
87 12.3 10.0 15.0

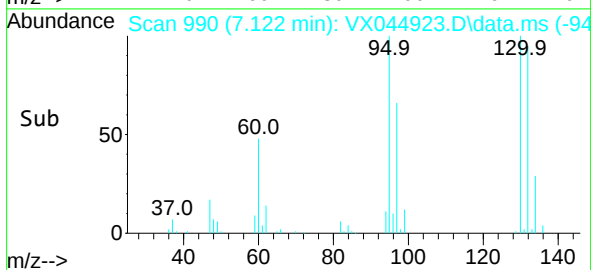
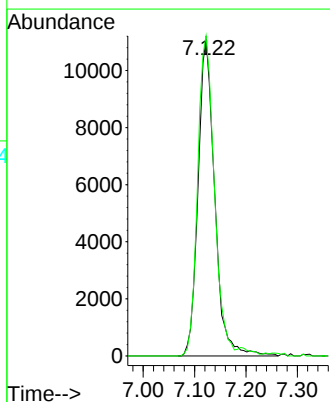
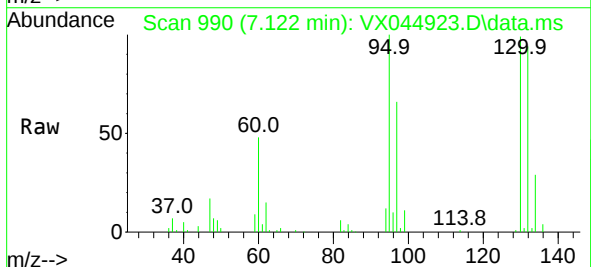
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#44
Trichloroethene
Concen: 18.239 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion:130 Resp: 24953
Ion Ratio Lower Upper
130 100
95 101.0 0.0 202.4





#45

1,2-Dichloropropane

Concen: 18.543 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tgt Ion: 63 Resp: 2761

Ion Ratio Lower Upper

63 100

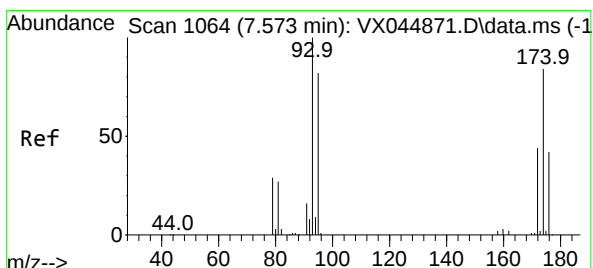
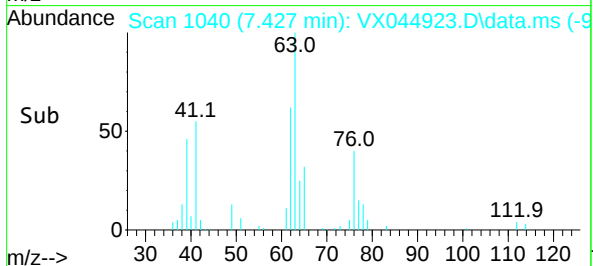
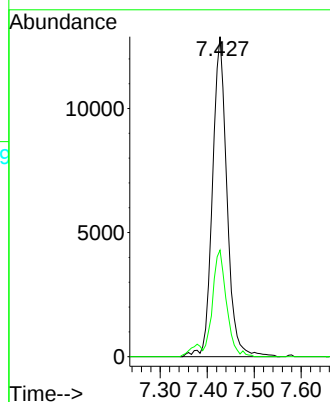
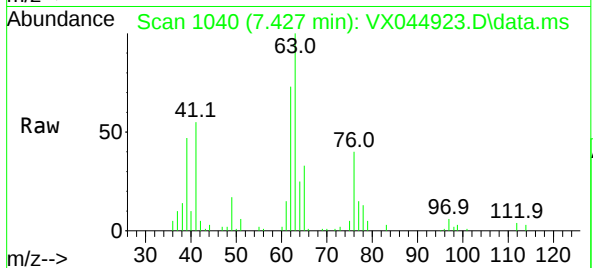
65 33.3 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#46

Dibromomethane

Concen: 19.049 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

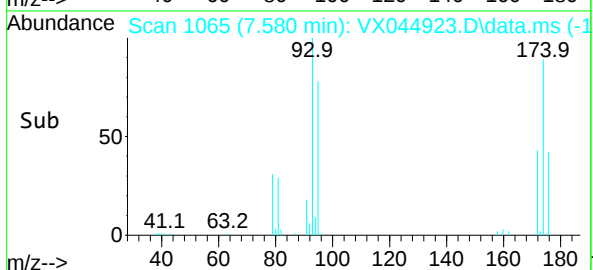
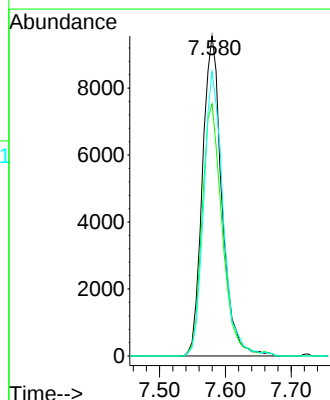
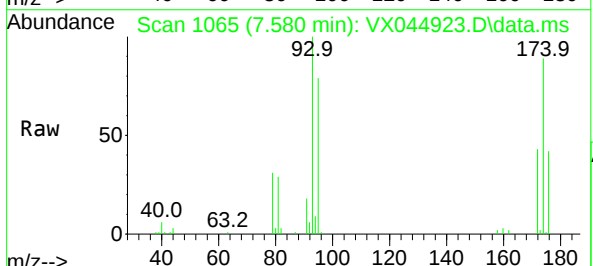
Tgt Ion: 93 Resp: 19672

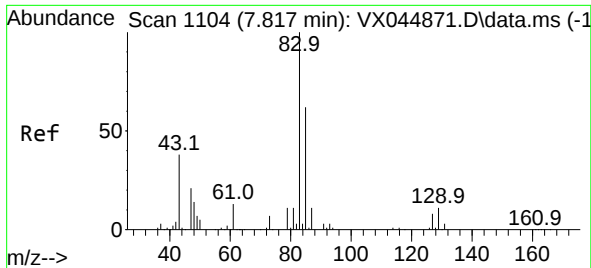
Ion Ratio Lower Upper

93 100

95 80.6 66.2 99.4

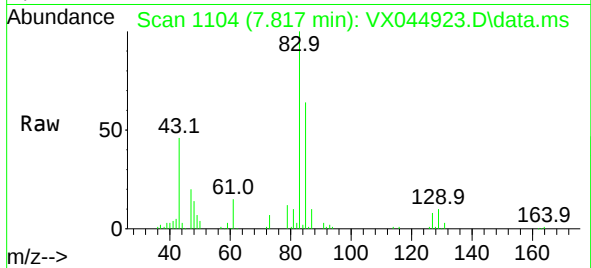
174 88.7 69.9 104.9





#47
Bromodichloromethane
Concen: 19.124 ug/l
RT: 7.817 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

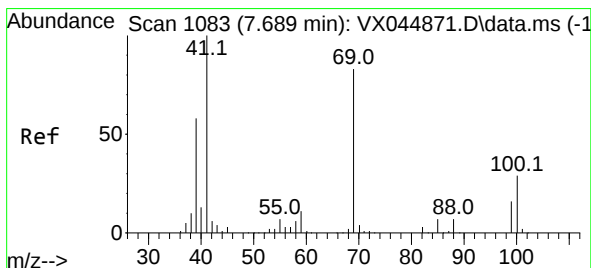
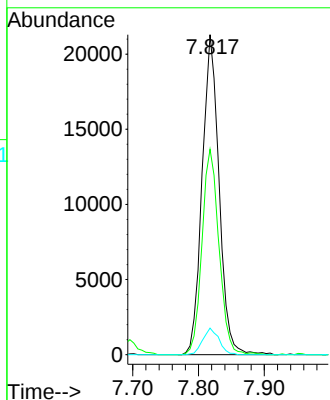
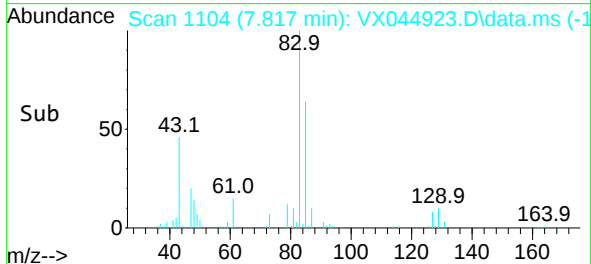
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



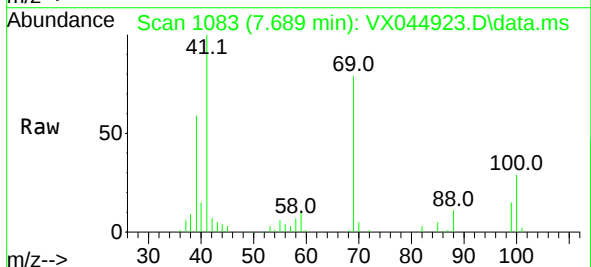
Tgt Ion: 83 Resp: 38240
Ion Ratio Lower Upper
83 100
85 64.2 50.0 75.0
127 8.3 6.4 9.6

Manual Integrations
APPROVED

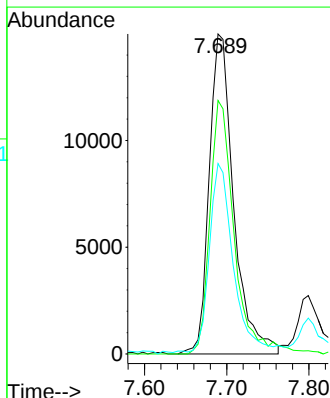
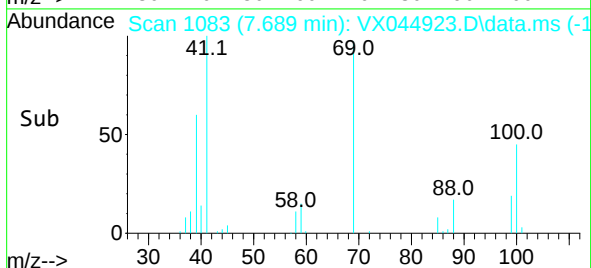
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

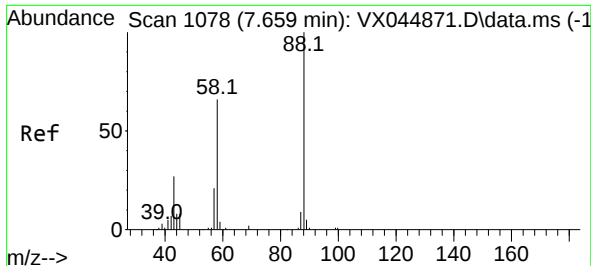


#48
Methyl methacrylate
Concen: 19.106 ug/l
RT: 7.689 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion: 41 Resp: 31017
Ion Ratio Lower Upper
41 100
69 79.0 65.8 98.8
39 59.8 46.4 69.6





#49

1,4-Dioxane

Concen: 399.801 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

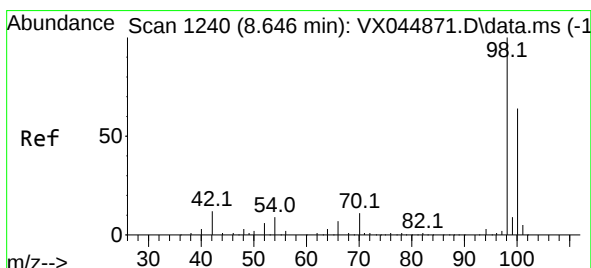
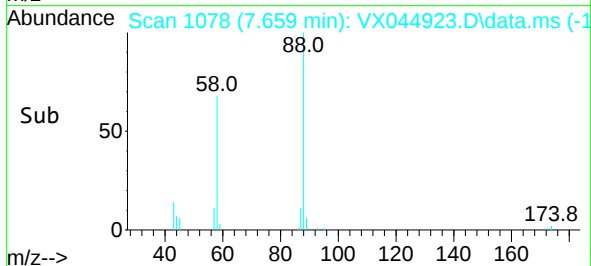
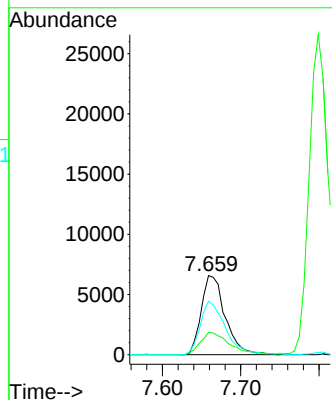
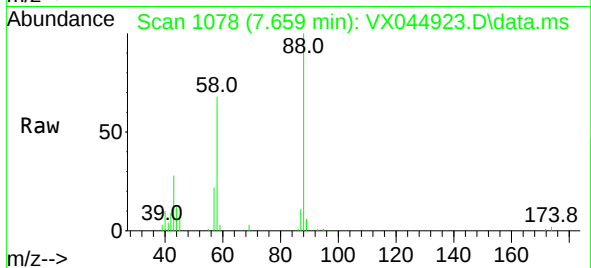
Tgt Ion:	88	Resp:	1392
Ion	Ratio	Lower	Upper
88	100		
43	34.8	26.6	39.8
58	70.8	55.9	83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#50

Toluene-d8

Concen: 49.174 ug/l

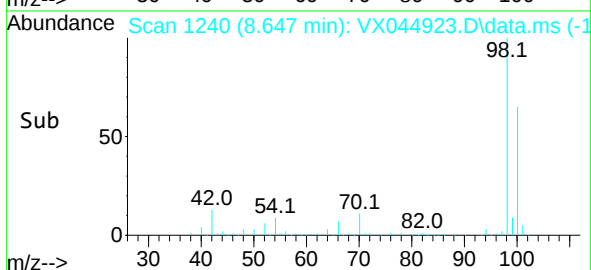
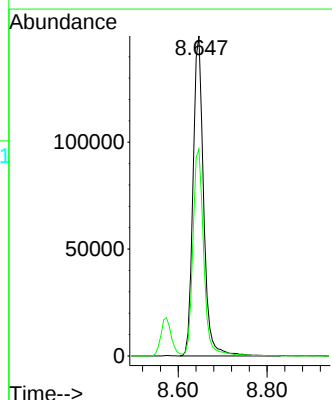
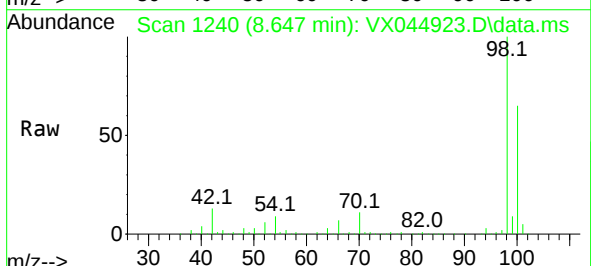
RT: 8.647 min Scan# 1240

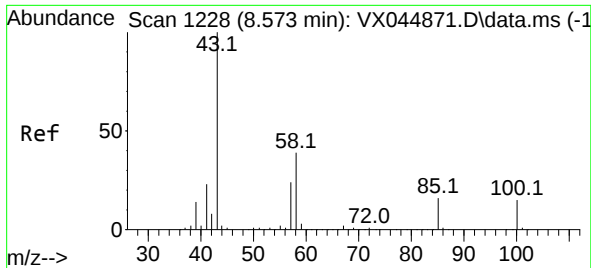
Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

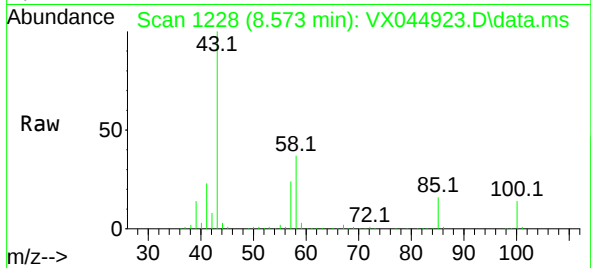
Tgt Ion:	98	Resp:	247053
Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.7	79.1





#51
4-Methyl-2-Pentanone
Concen: 101.236 ug/l
RT: 8.573 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

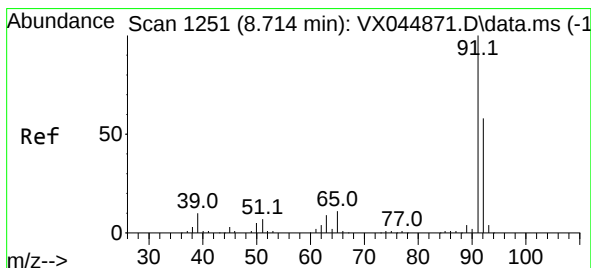
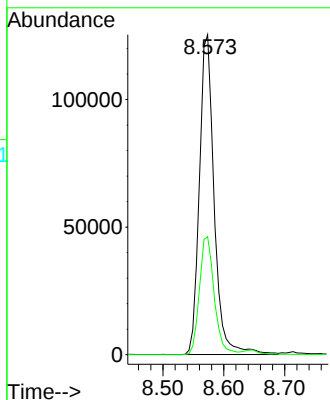
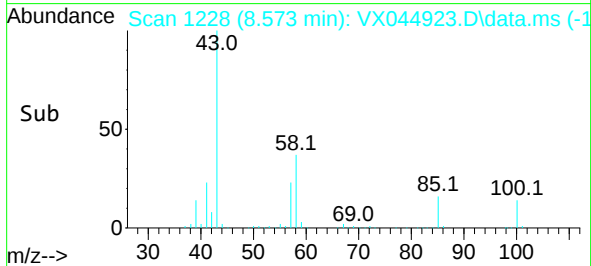
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



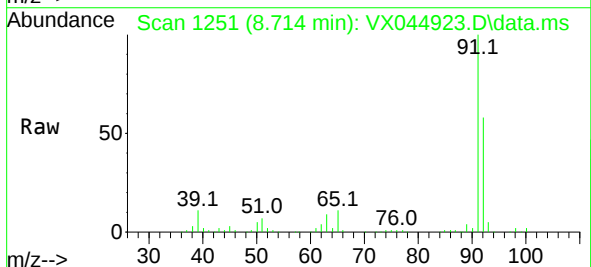
Tgt Ion: 43 Resp: 211899
Ion Ratio Lower Upper
43 100
58 37.0 30.8 46.2

Manual Integrations
APPROVED

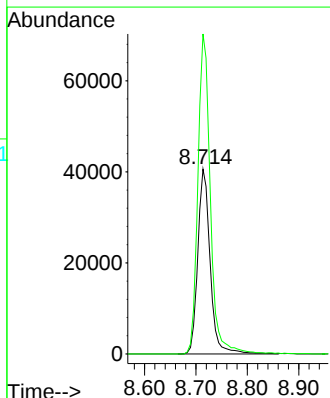
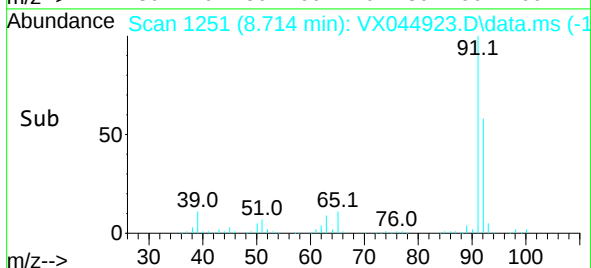
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

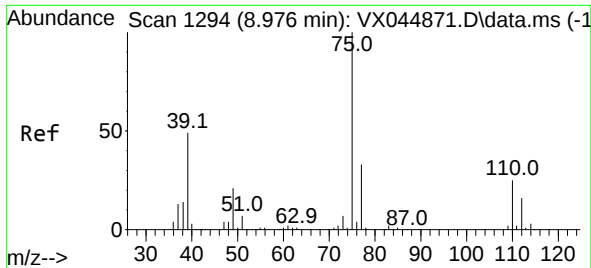


#52
Toluene
Concen: 19.058 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



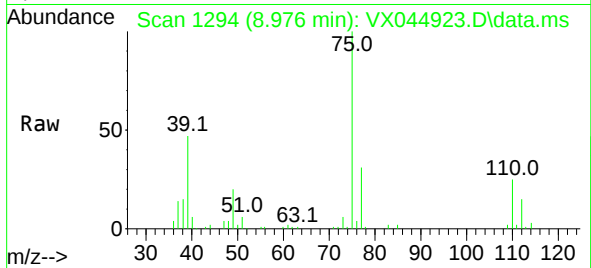
Tgt Ion: 92 Resp: 67935
Ion Ratio Lower Upper
92 100
91 173.9 137.4 206.2





#53
t-1,3-Dichloropropene
Concen: 17.962 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

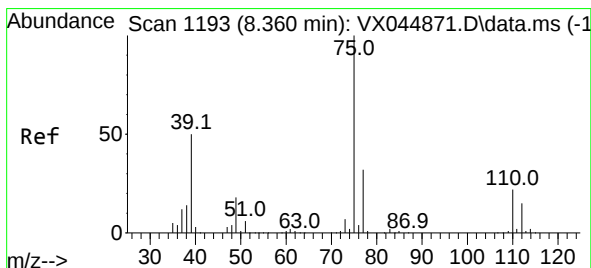
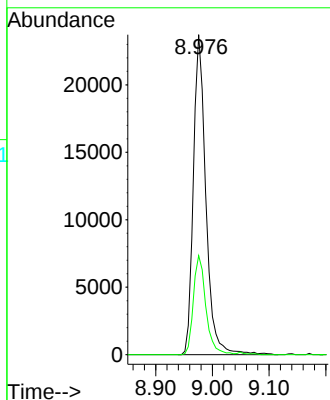
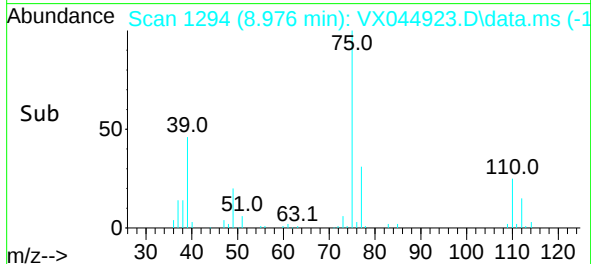
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



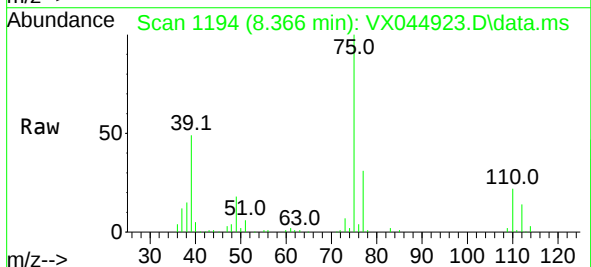
Tgt Ion: 75 Resp: 36340
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0

Manual Integrations
APPROVED

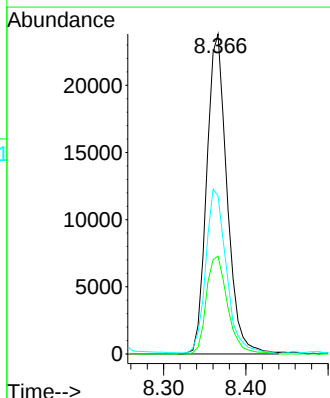
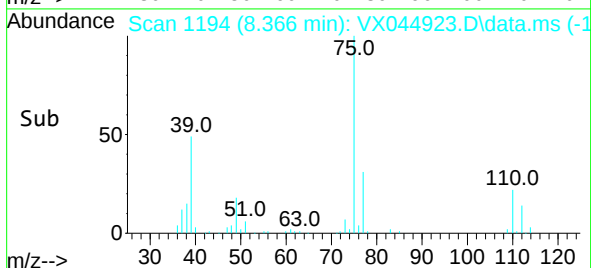
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

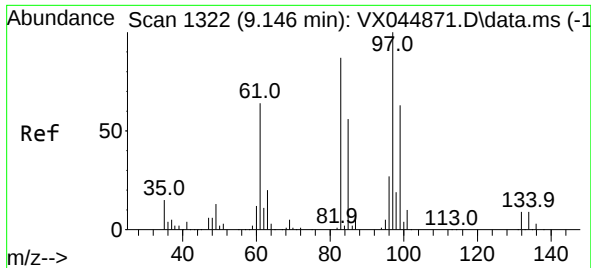


#54
cis-1,3-Dichloropropene
Concen: 18.104 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



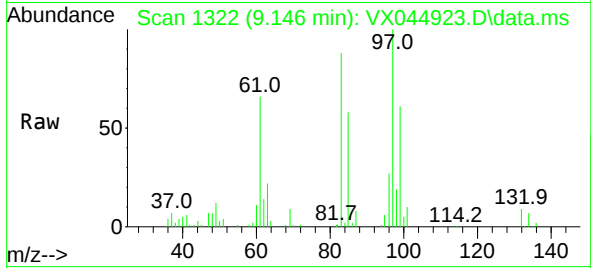
Tgt Ion: 75 Resp: 40844
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9
39 49.1 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 19.190 ug/l
RT: 9.146 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

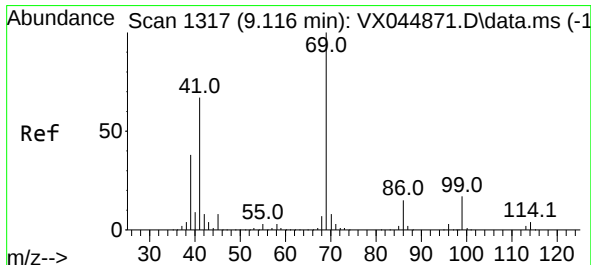
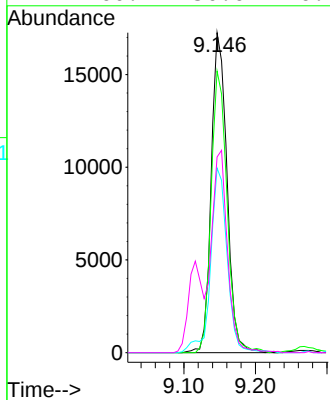
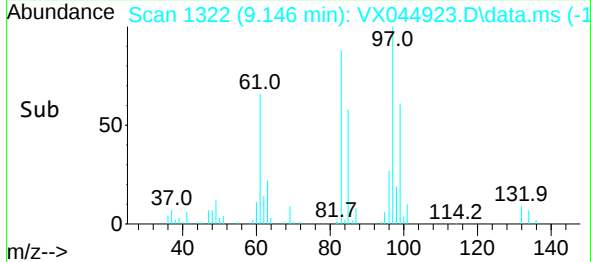
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



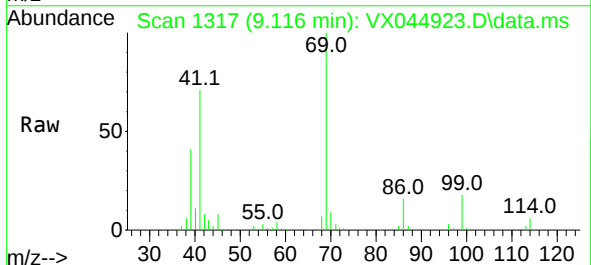
Tgt Ion: 97 Resp: 26290
Ion Ratio Lower Upper
97 100
83 88.0 69.8 104.6
85 57.7 44.8 67.2
99 60.7 50.6 76.0

Manual Integrations
APPROVED

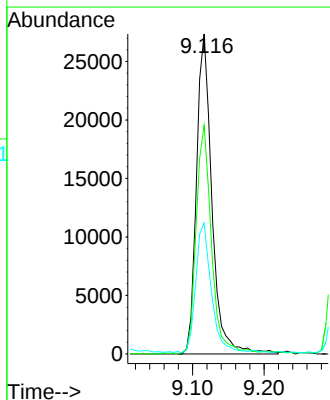
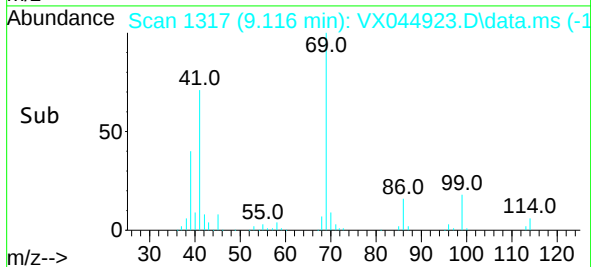
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

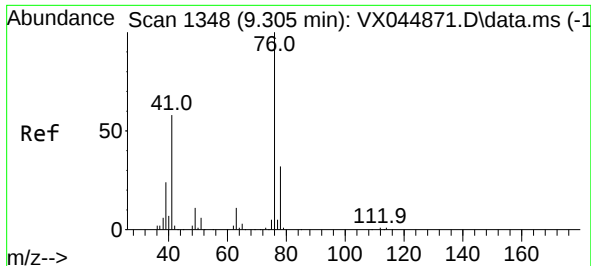


#56
Ethyl methacrylate
Concen: 18.516 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion: 69 Resp: 40980
Ion Ratio Lower Upper
69 100
41 71.0 55.2 82.8
39 40.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 19.438 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tgt Ion: 76 Resp: 46604

Ion Ratio Lower Upper

76 100

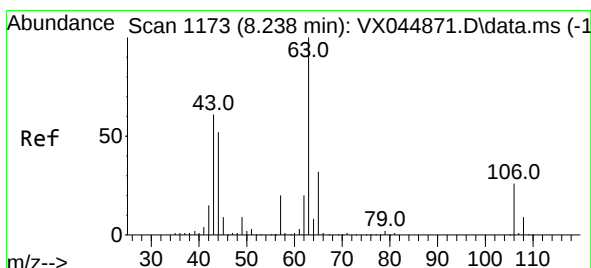
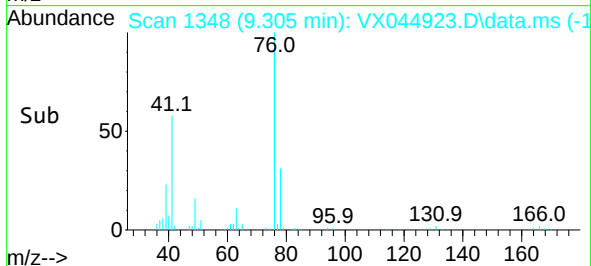
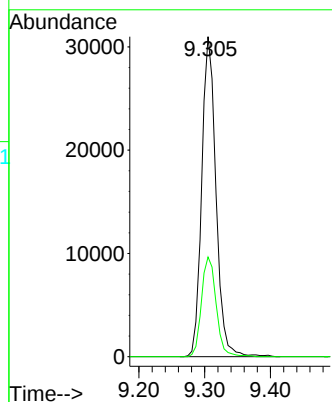
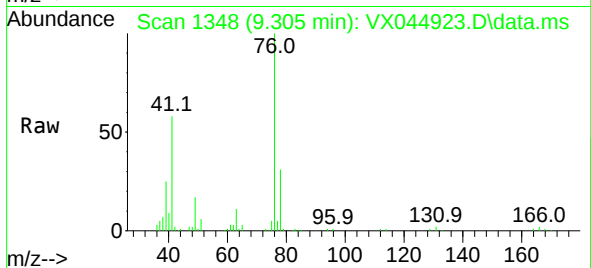
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#58

2-Chloroethyl Vinyl ether

Concen: 96.581 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044923.D

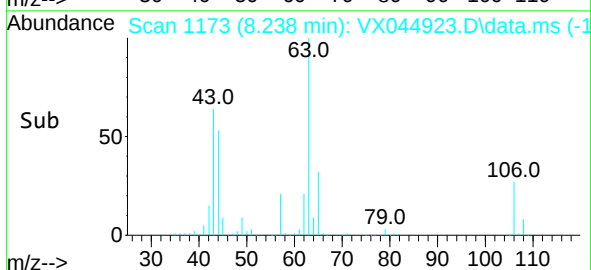
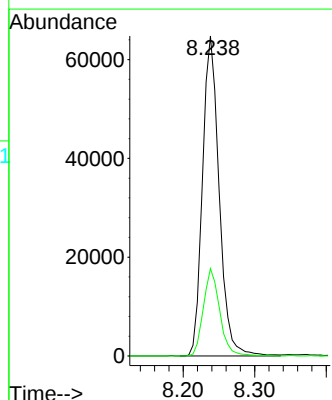
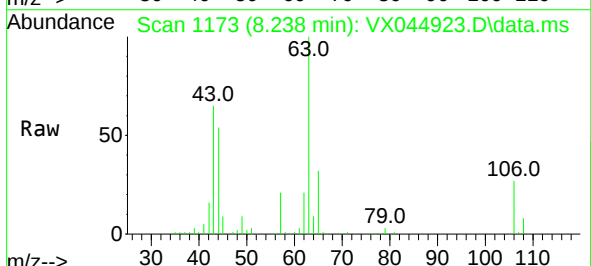
Acq: 12 Feb 2025 11:20

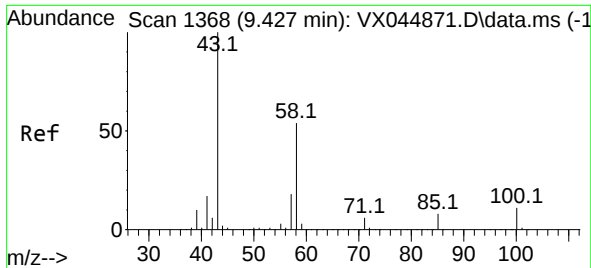
Tgt Ion: 63 Resp: 104955

Ion Ratio Lower Upper

63 100

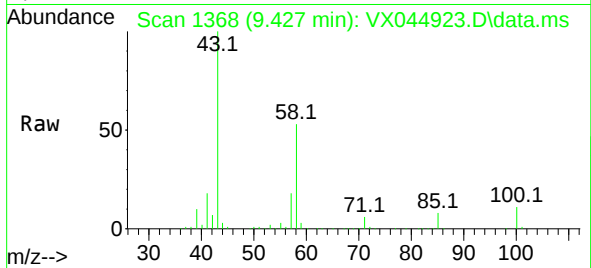
106 26.8 21.3 31.9





#59
2-Hexanone
Concen: 102.550 ug/l
RT: 9.427 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

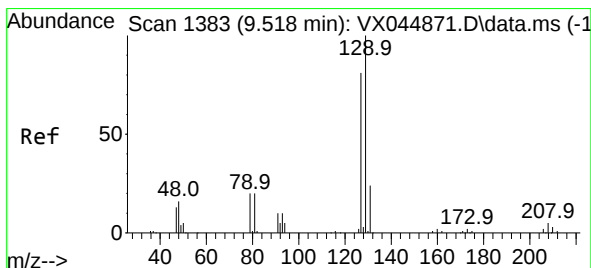
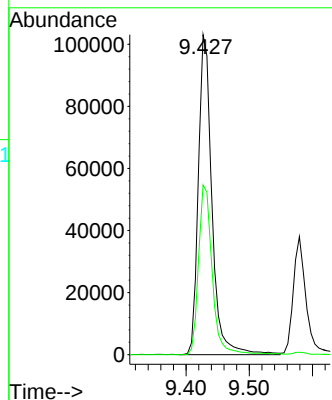
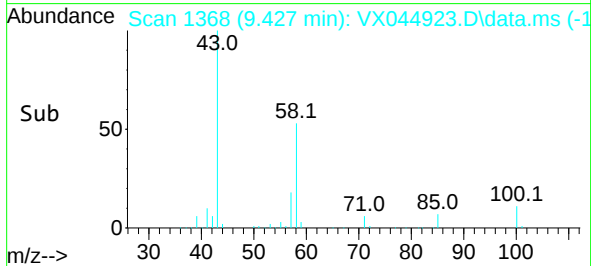
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion: 43 Resp: 15465
Ion Ratio Lower Upper
43 100
58 53.5 27.5 82.4

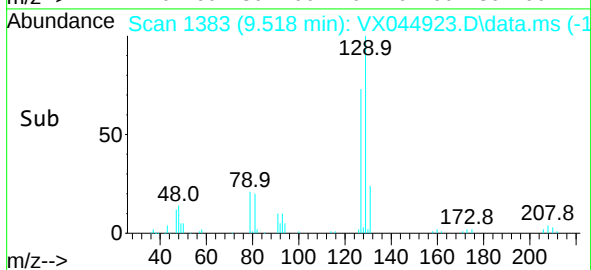
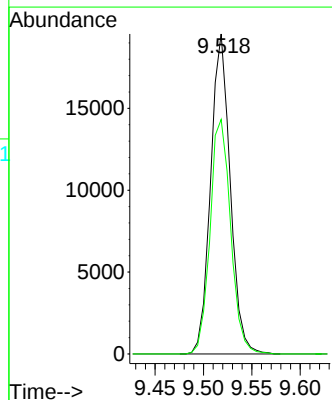
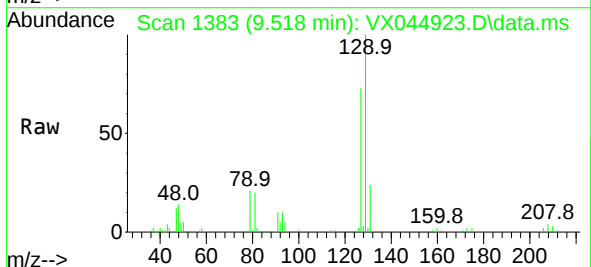
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#60
Dibromochloromethane
Concen: 18.788 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

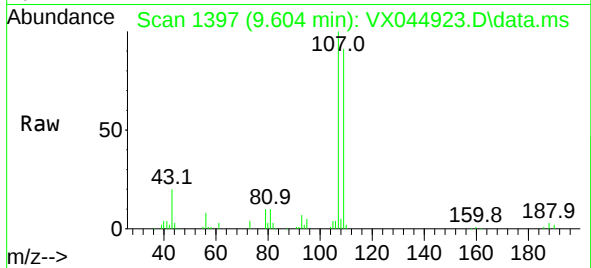
Tgt Ion:129 Resp: 27533
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.3





#61
1,2-Dibromoethane
Concen: 19.115 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

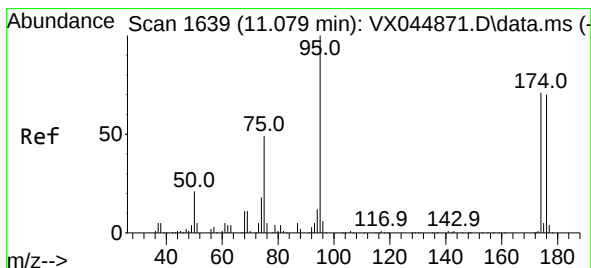
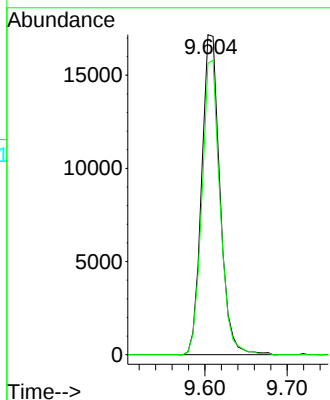
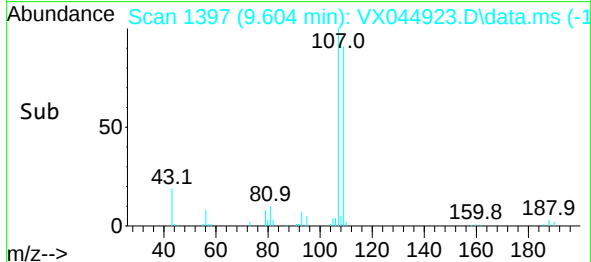
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



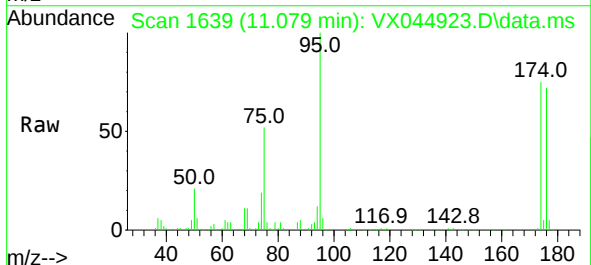
Tgt Ion:107 Resp: 26548
Ion Ratio Lower Upper
107 100
109 91.3 75.9 113.9

Manual Integrations
APPROVED

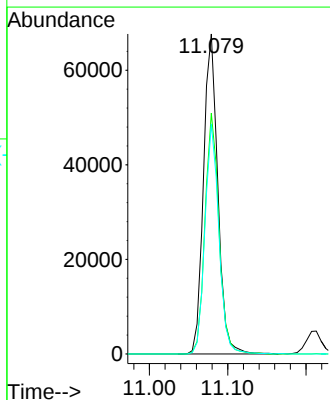
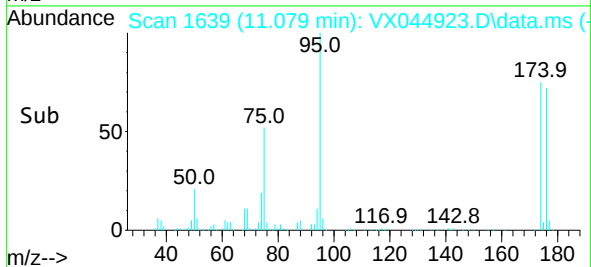
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

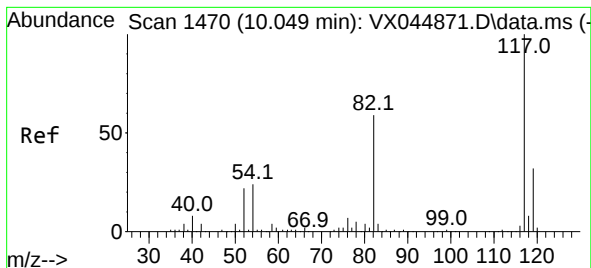


#62
4-Bromofluorobenzene
Concen: 50.570 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



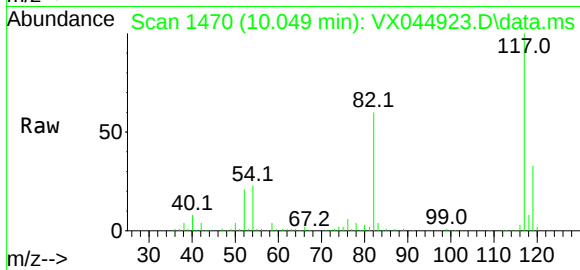
Tgt Ion: 95 Resp: 85651
Ion Ratio Lower Upper
95 100
174 73.5 0.0 142.6
176 69.9 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

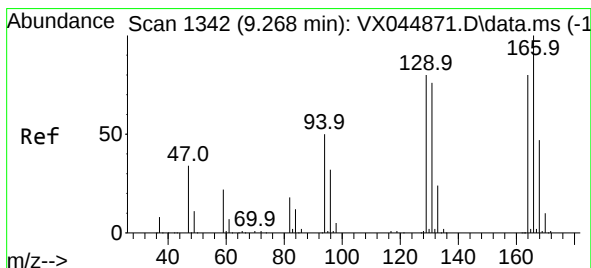
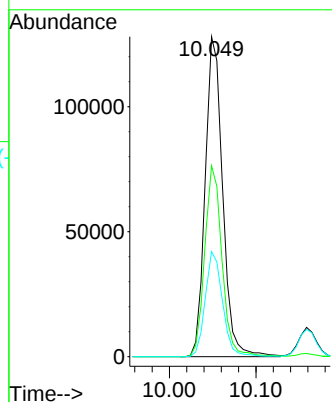
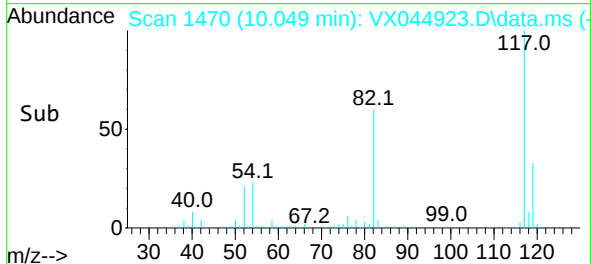
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion:117 Resp: 179478
Ion Ratio Lower Upper
117 100
82 59.6 47.5 71.3
119 32.9 25.4 38.0

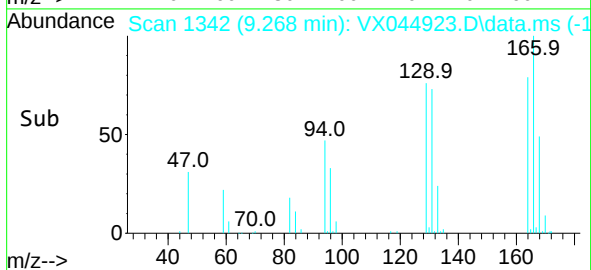
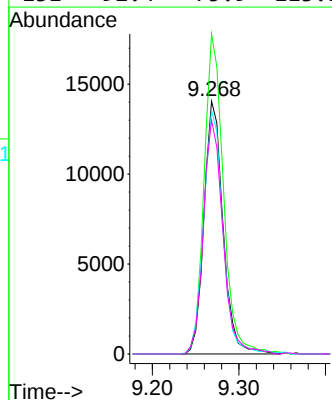
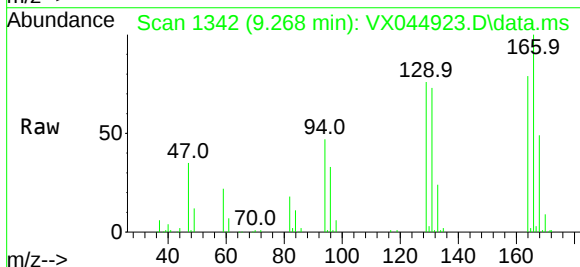
Manual Integrations
APPROVED

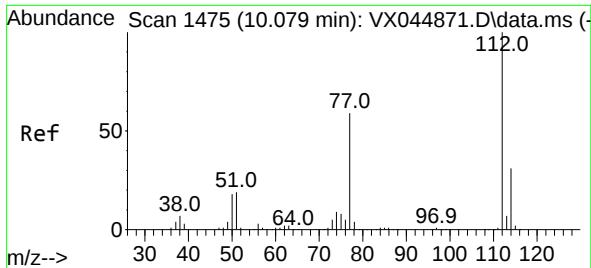
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#64
Tetrachloroethene
Concen: 18.903 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

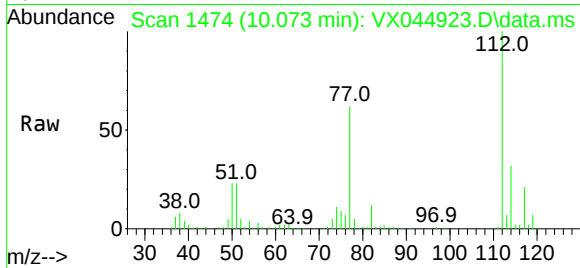
Tgt Ion:164 Resp: 21396
Ion Ratio Lower Upper
164 100
166 126.6 100.4 150.6
129 96.4 79.9 119.9
131 92.4 75.9 113.9





#65
Chlorobenzene
Concen: 18.857 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

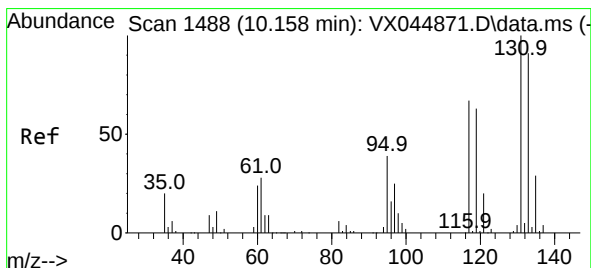
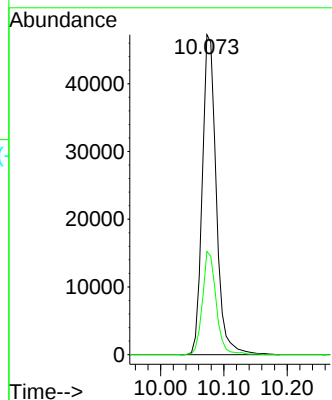
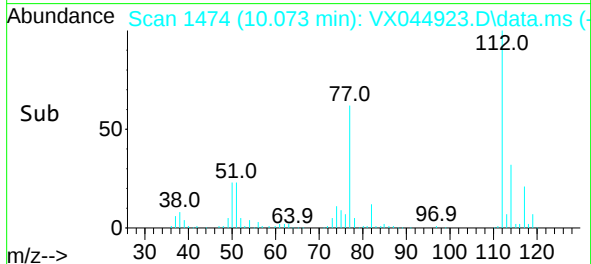
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion:112 Resp: 72694
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.6

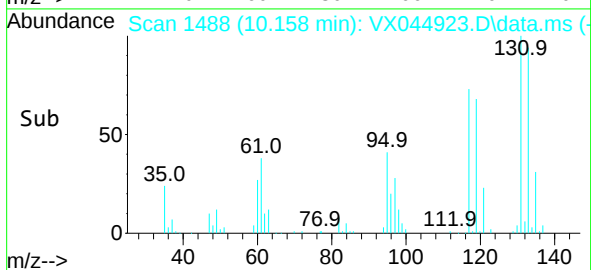
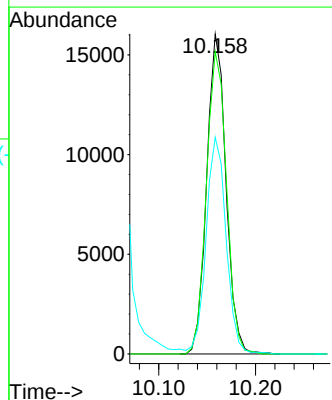
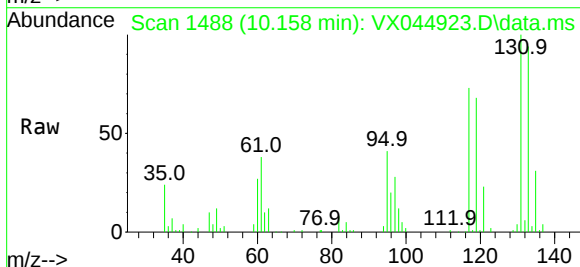
Manual Integrations
APPROVED

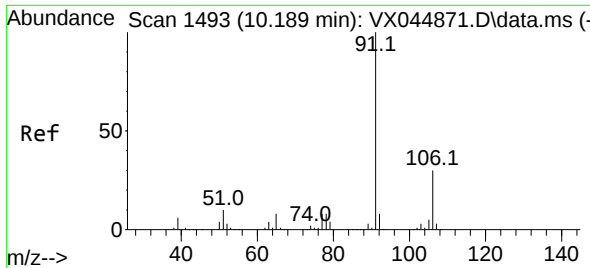
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 17.968 ug/l
RT: 10.158 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

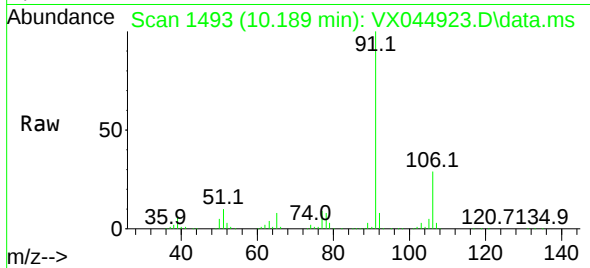
Tgt Ion:131 Resp: 22294
Ion Ratio Lower Upper
131 100
133 98.2 47.1 141.3
119 70.1 33.6 100.6





#67
Ethyl Benzene
Concen: 18.879 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

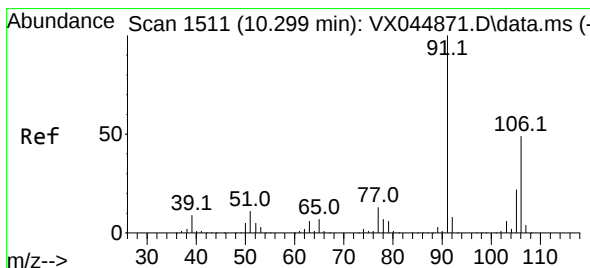
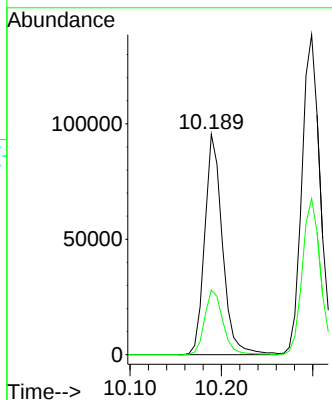
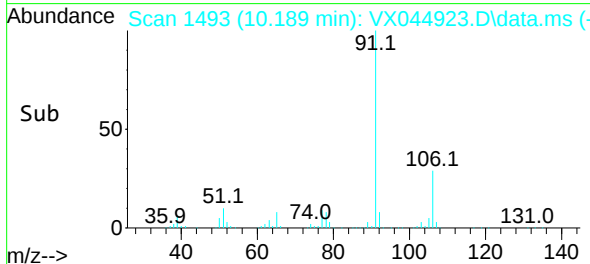
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



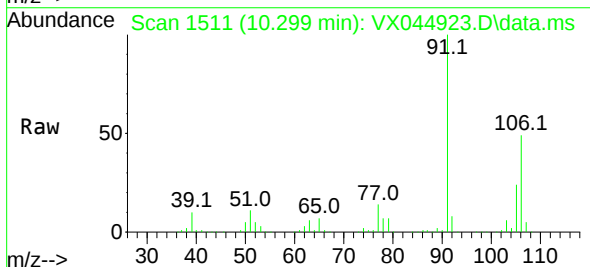
Tgt Ion: 91 Resp: 128430
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9

Manual Integrations
APPROVED

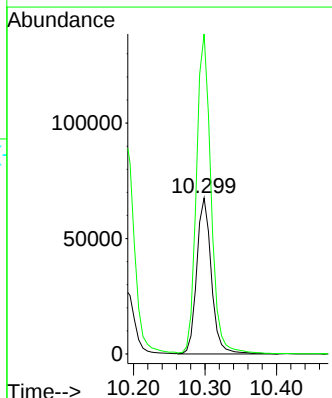
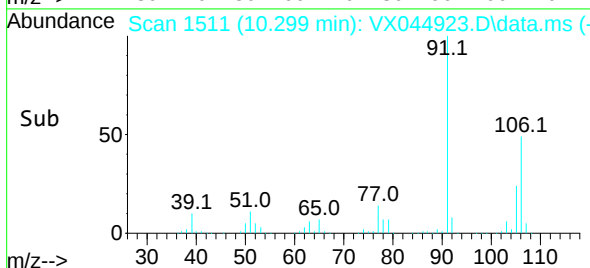
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

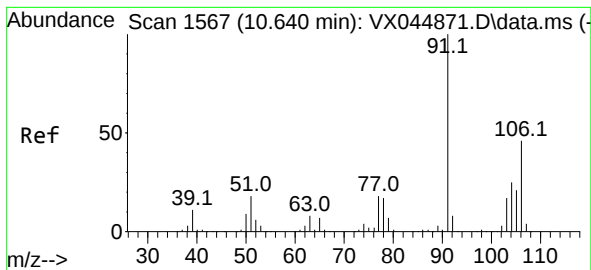


#68
m/p-Xylenes
Concen: 38.291 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion:106 Resp: 96088
Ion Ratio Lower Upper
106 100
91 203.7 164.3 246.5





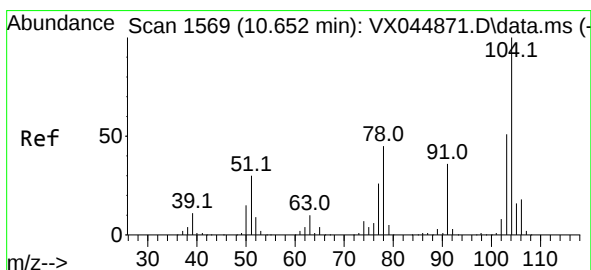
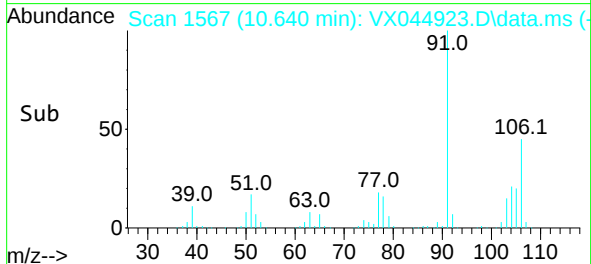
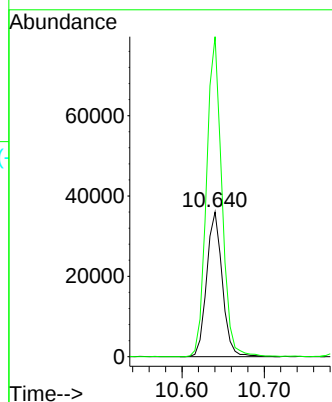
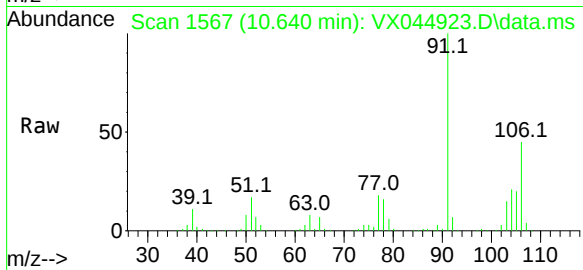
#69
o-Xylene
Concen: 18.878 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion:106 Resp: 47534
Ion Ratio Lower Upper
106 100
91 217.4 108.5 325.5

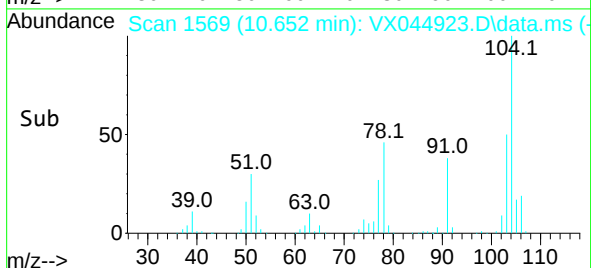
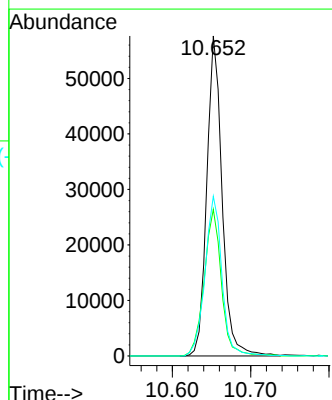
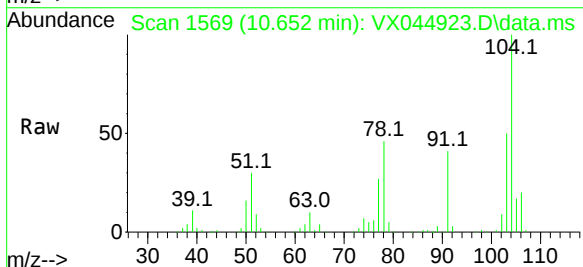
Manual Integrations
APPROVED

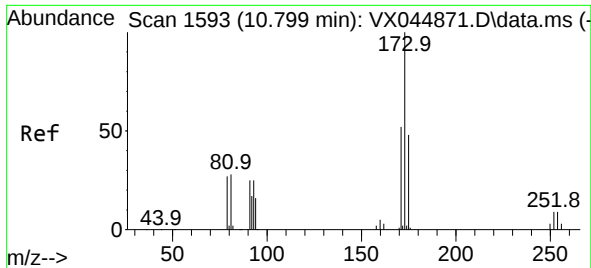
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#70
Styrene
Concen: 19.298 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

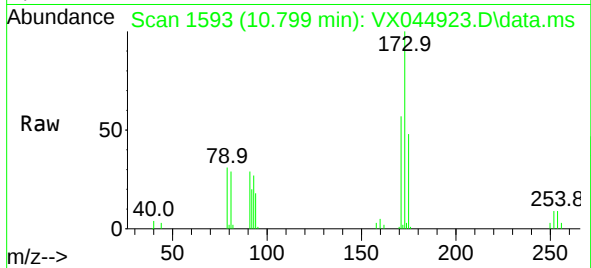
Tgt Ion:104 Resp: 78288
Ion Ratio Lower Upper
104 100
78 51.6 40.5 60.7
103 55.1 43.6 65.4





#71
Bromoform
Concen: 18.936 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

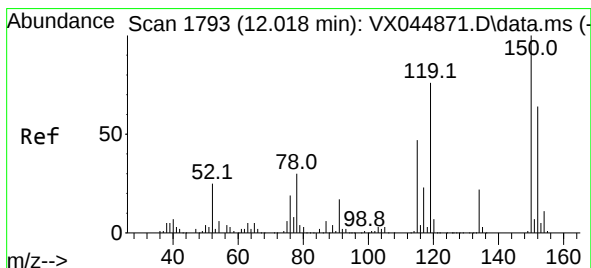
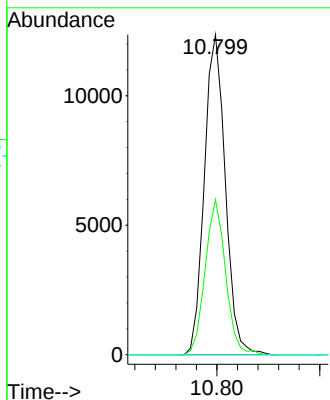
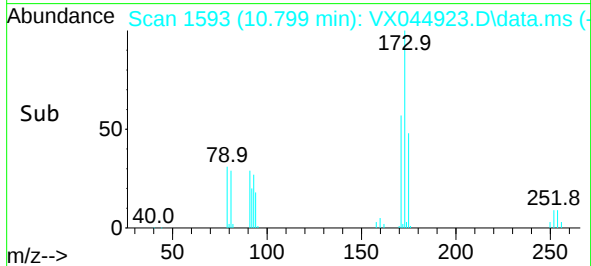
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



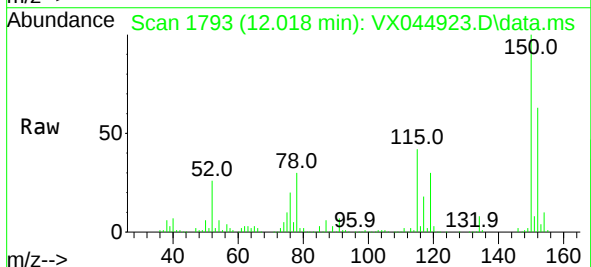
Tgt Ion:173 Resp: 1753
Ion Ratio Lower Upper
173 100
175 47.2 24.3 72.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

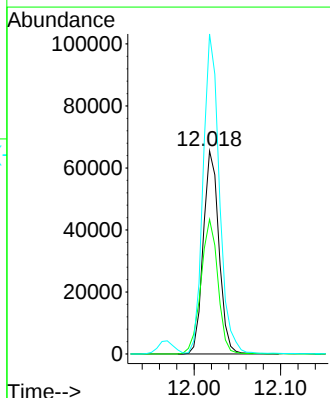
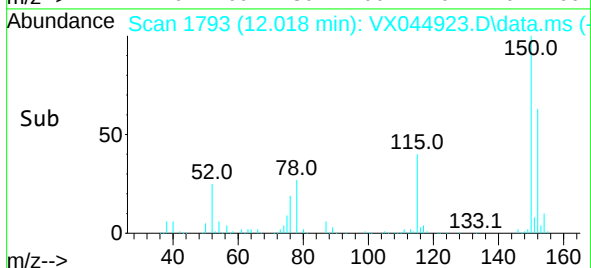
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

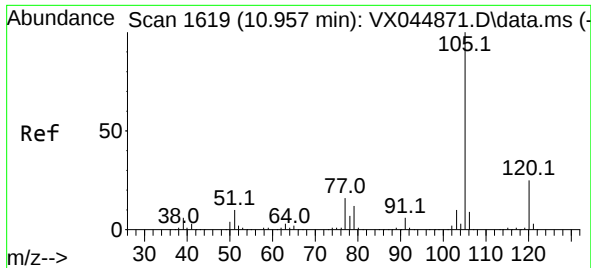


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



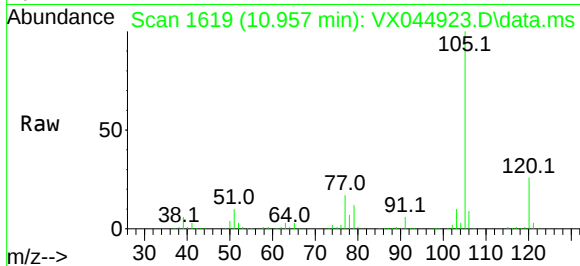
Tgt Ion:152 Resp: 82301
Ion Ratio Lower Upper
152 100
115 71.3 43.4 130.1
150 162.8 0.0 350.4





#73
Isopropylbenzene
Concen: 18.252 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

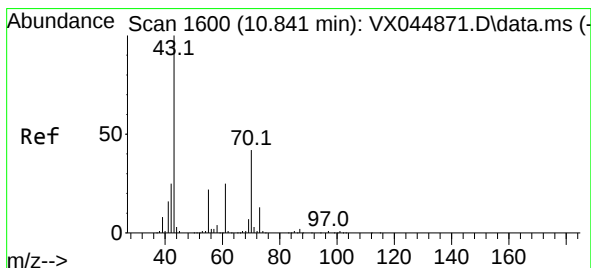
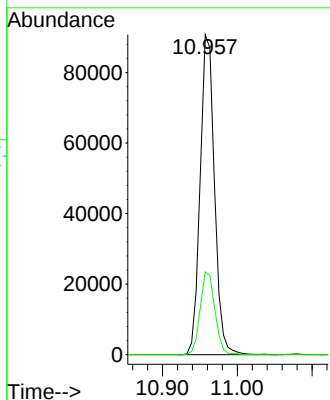
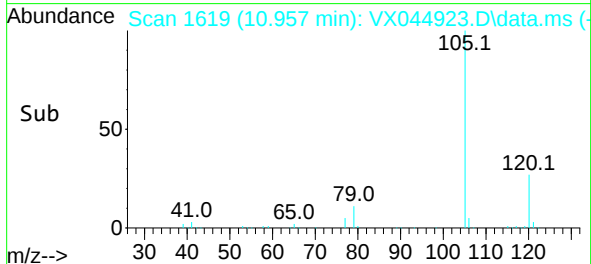
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



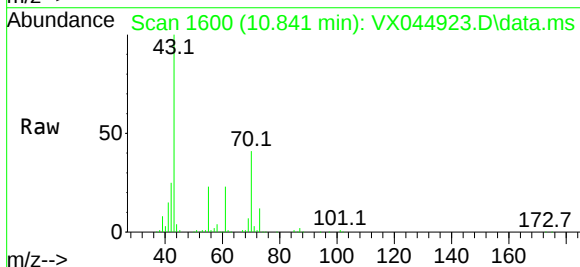
Tgt Ion:105 Resp: 120952
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5

Manual Integrations
APPROVED

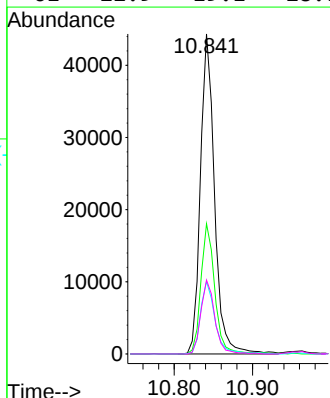
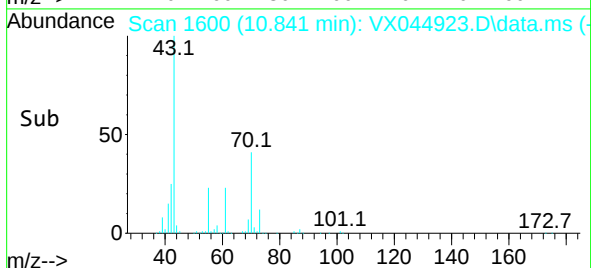
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

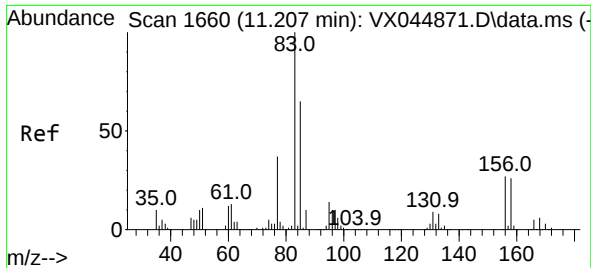


#74
N-ethyl acetate
Concen: 18.514 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



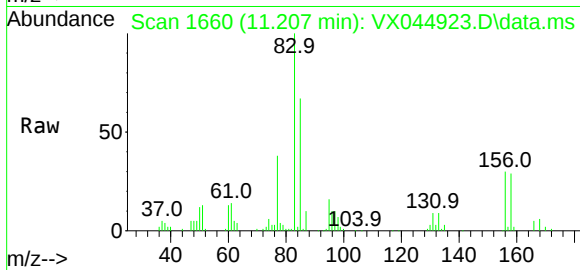
Tgt Ion: 43 Resp: 55519
Ion Ratio Lower Upper
43 100
70 40.3 33.7 50.5
55 23.3 18.6 27.8
61 22.9 19.1 28.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.556 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044923.D
 Acq: 12 Feb 2025 11:20

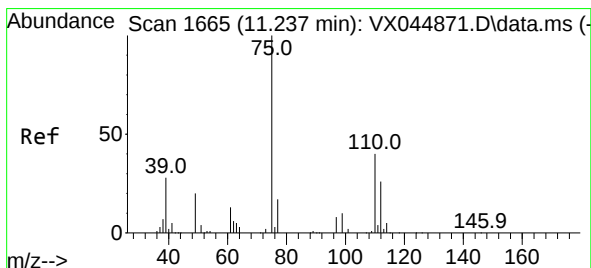
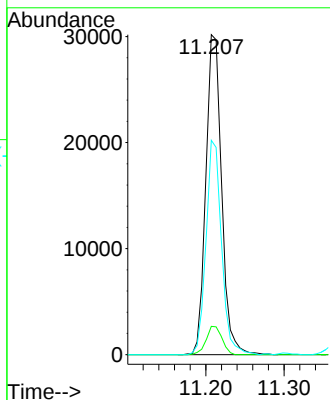
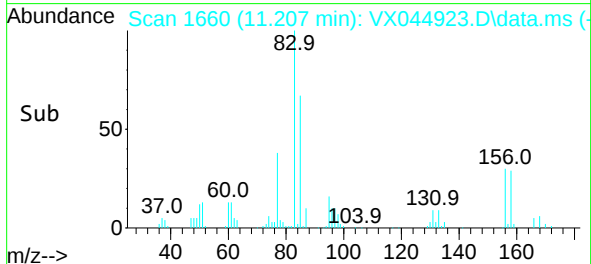
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0212WBS01



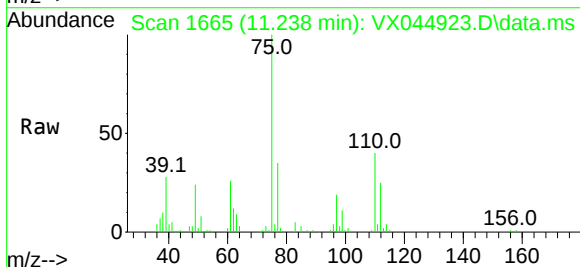
Tgt Ion: 83 Resp: 42250
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.5 13.5
 85 65.8 32.3 96.8

Manual Integrations
 APPROVED

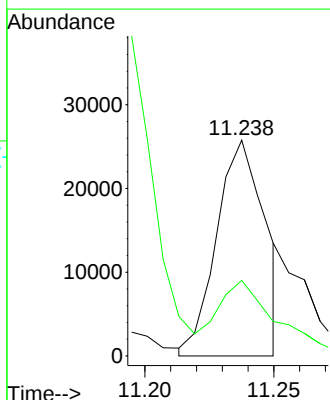
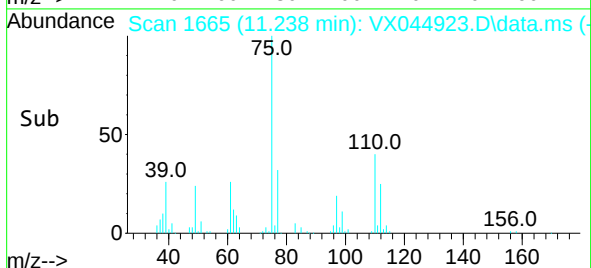
Reviewed By :John Carlone 02/14/2025
 Supervised By :Mahesh Dadoda 02/14/2025

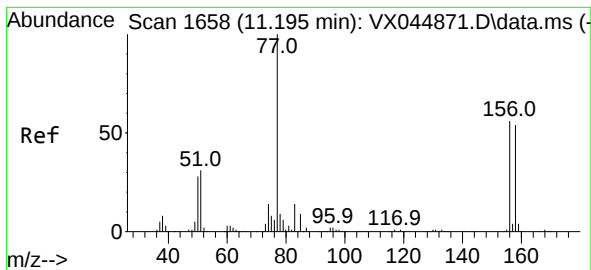


#76
 1,2,3-Trichloropropane
 Concen: 18.500 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044923.D
 Acq: 12 Feb 2025 11:20



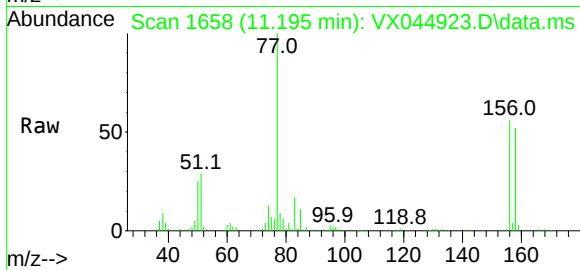
Tgt Ion: 75 Resp: 33758
 Ion Ratio Lower Upper
 75 100
 77 42.9 21.9 65.7





#77
Bromobenzene
Concen: 18.742 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

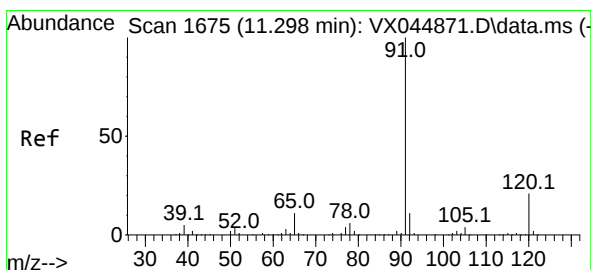
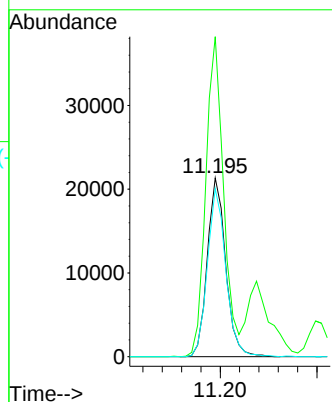
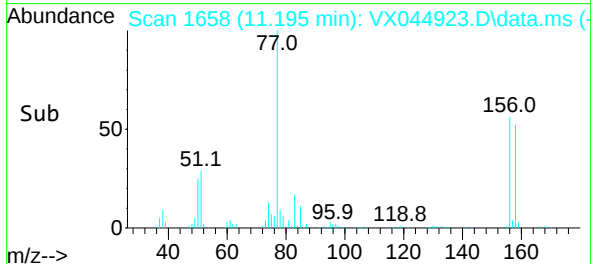
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



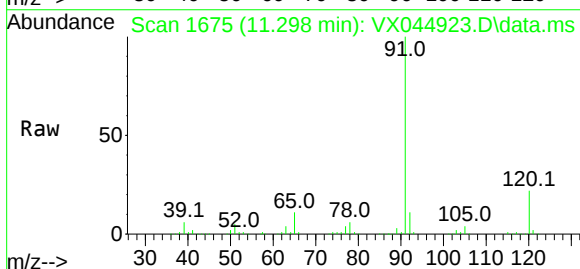
Tgt Ion:156 Resp: 28158
Ion Ratio Lower Upper
156 100
77 172.7 88.4 265.3
158 94.6 48.4 145.2

Manual Integrations
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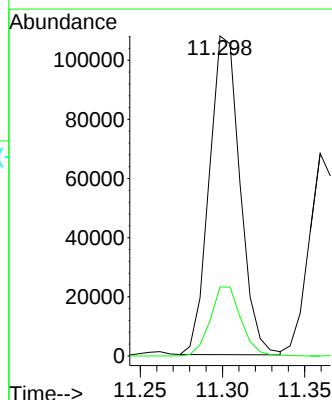
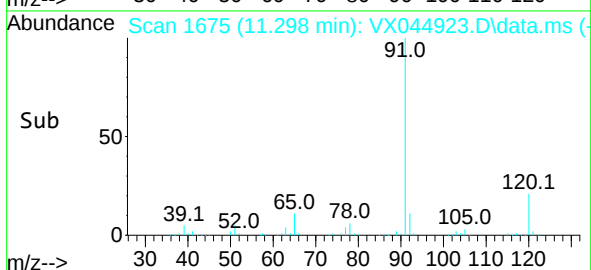
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

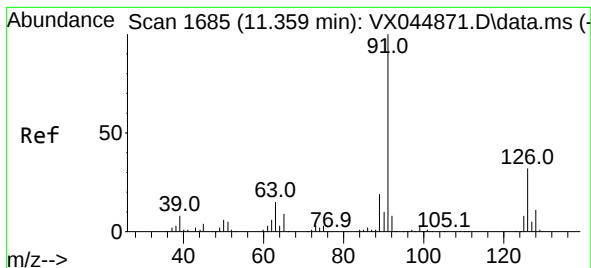


#78
n-propylbenzene
Concen: 18.361 ug/l
RT: 11.298 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion: 91 Resp: 140438
Ion Ratio Lower Upper
91 100
120 21.7 11.1 33.3





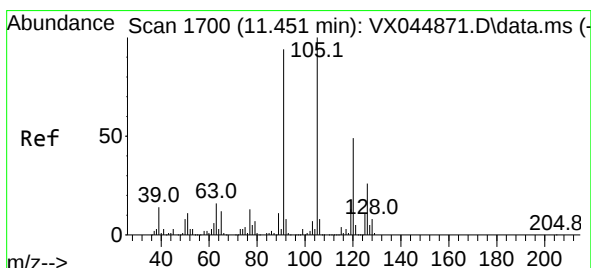
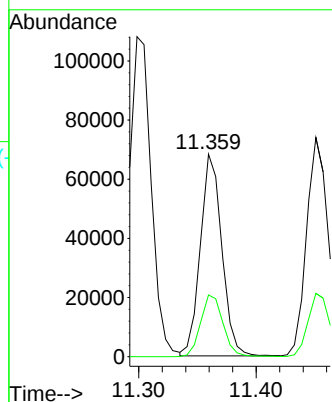
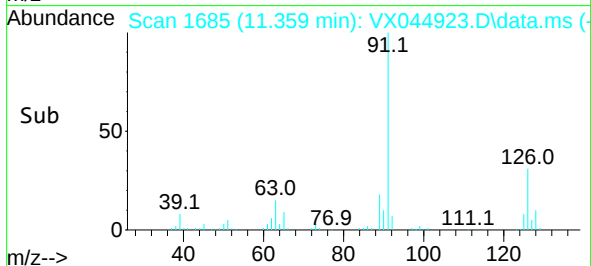
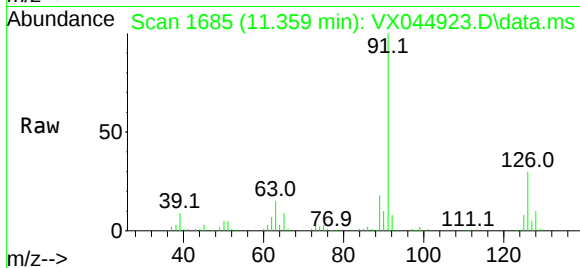
#79
2-Chlorotoluene
Concen: 18.425 ug/l
RT: 11.359 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion: 91 Resp: 8661
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6

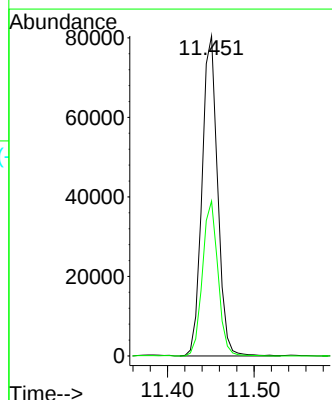
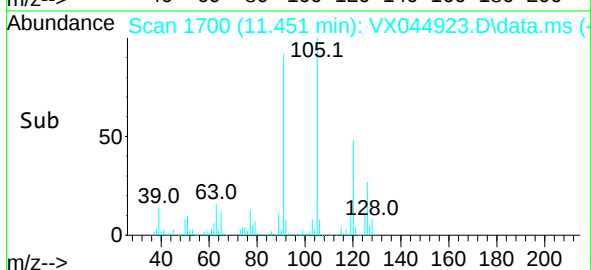
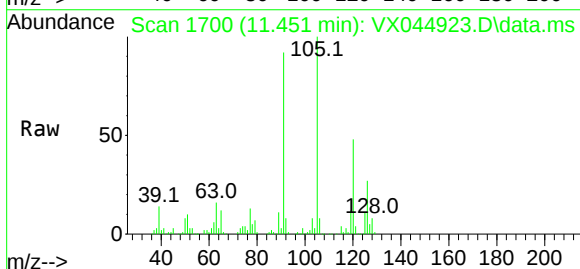
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#80
1,3,5-Trimethylbenzene
Concen: 18.723 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion:105 Resp: 100686
Ion Ratio Lower Upper
105 100
120 48.0 24.0 72.0





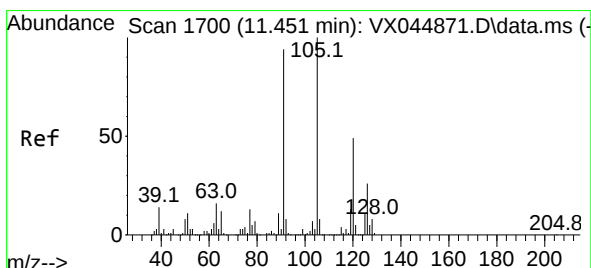
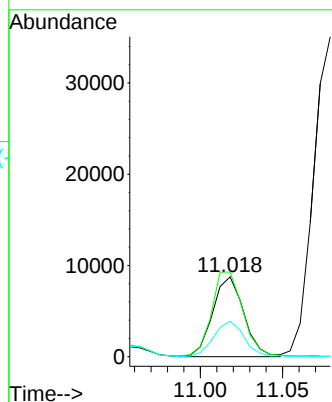
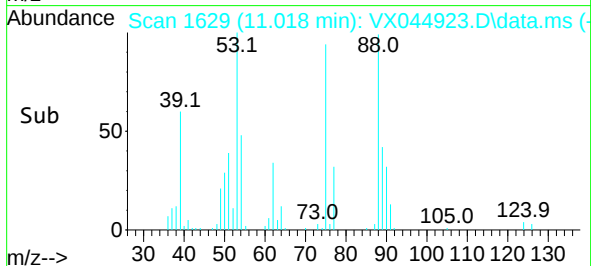
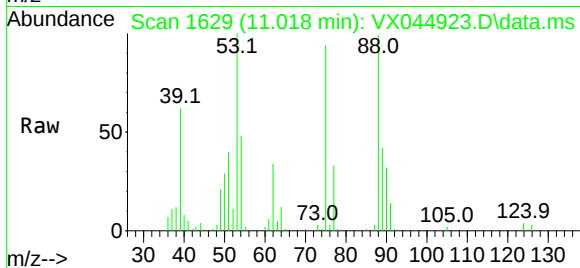
#81
trans-1,4-Dichloro-2-butene
Concen: 16.247 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion: 75 Resp: 1152
Ion Ratio Lower Upper
75 100
53 108.3 78.0 117.0
89 43.4 36.6 54.8

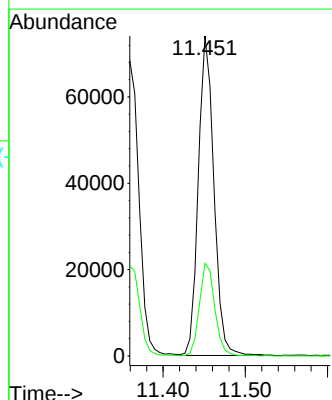
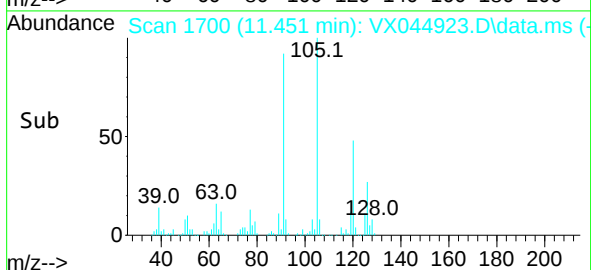
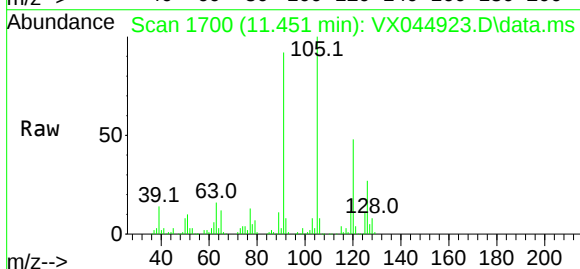
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#82
4-Chlorotoluene
Concen: 18.692 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Tgt Ion: 91 Resp: 97212
Ion Ratio Lower Upper
91 100
126 28.8 14.2 42.6





#83

tert-Butylbenzene

Concen: 18.560 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tgt Ion:119 Resp: 100970

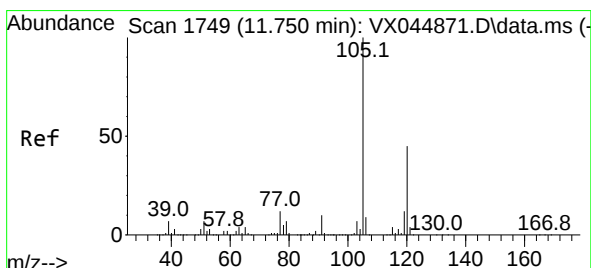
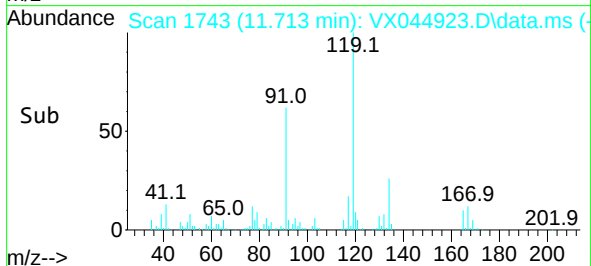
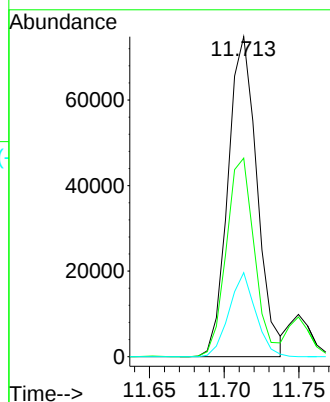
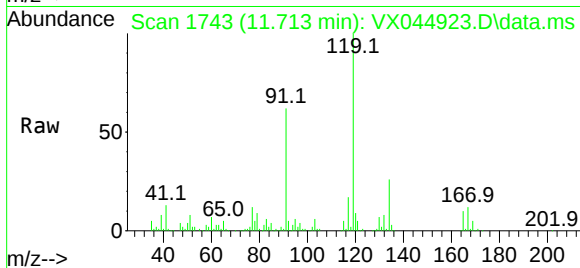
Ion	Ratio	Lower	Upper
119	100		
91	60.6	29.1	87.4
134	24.0	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.309 ug/l

RT: 11.750 min Scan# 1749

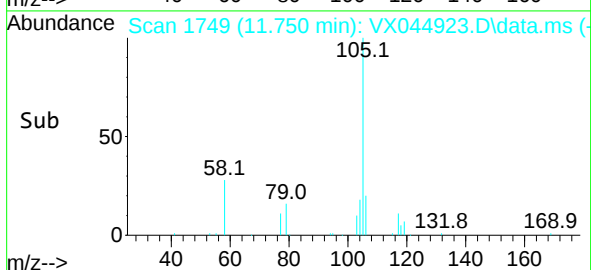
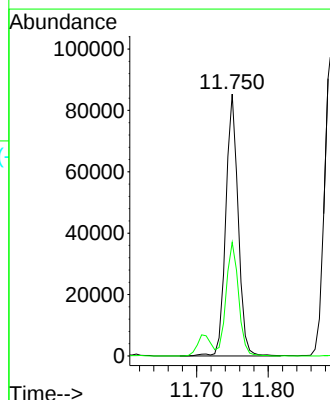
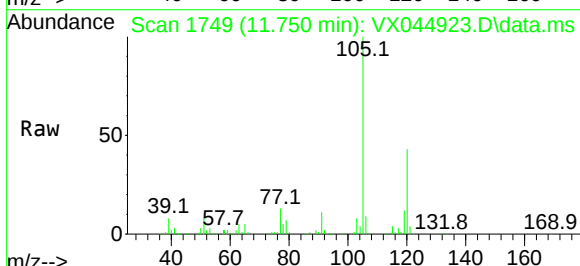
Delta R.T. 0.000 min

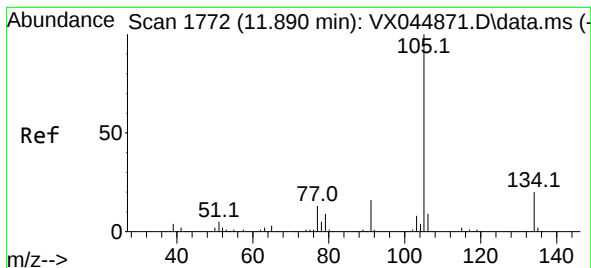
Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Tgt Ion:105 Resp: 102485

Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.4	67.0





#85

sec-Butylbenzene

Concen: 18.725 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

Tgt Ion:105 Resp: 12614

Ion Ratio Lower Upper

105 100

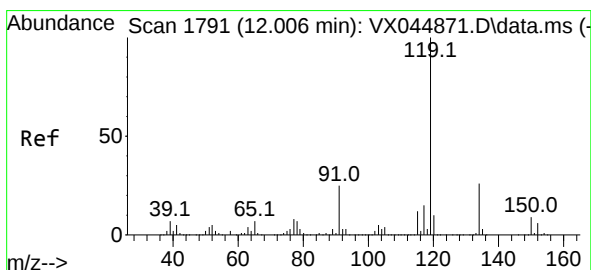
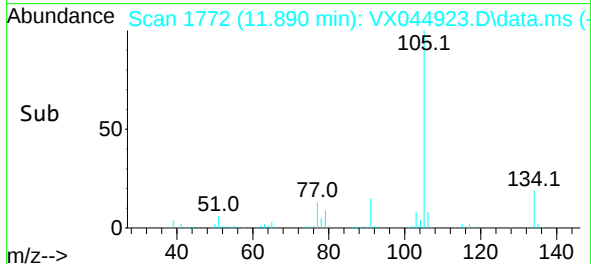
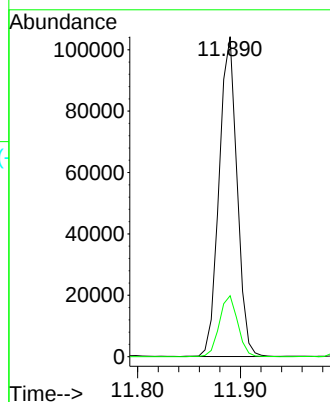
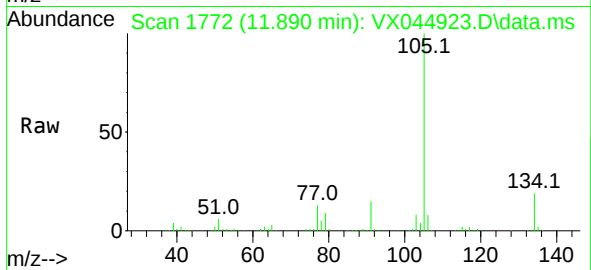
134 19.6 9.8 29.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#86

p-Isopropyltoluene

Concen: 18.873 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

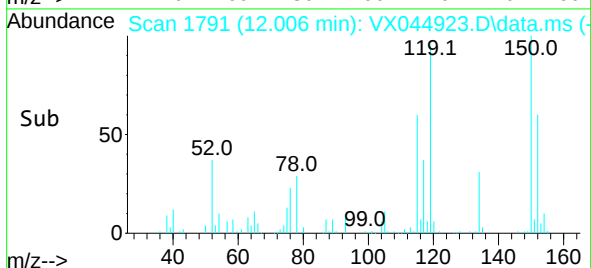
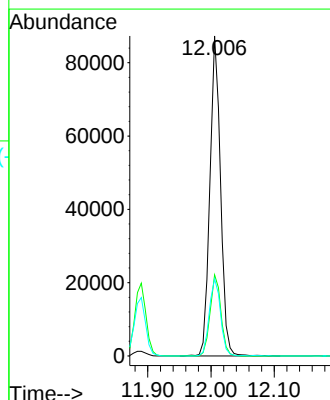
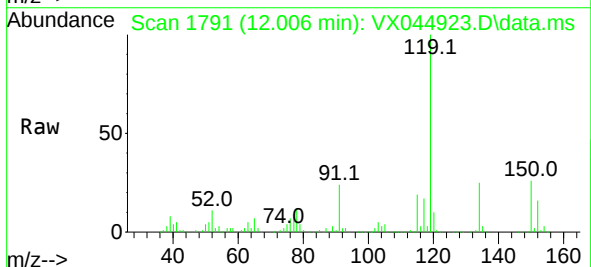
Tgt Ion:119 Resp: 102245

Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 25.5 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 18.612 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

Instrument :

MSVOA_X

ClientSampleId :

VX0212WBS01

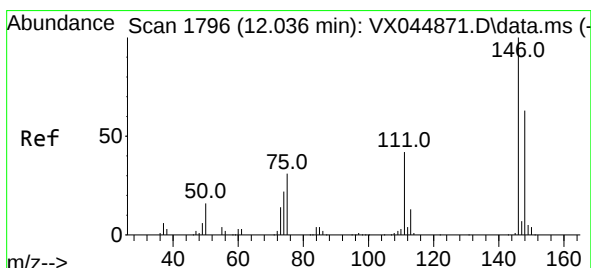
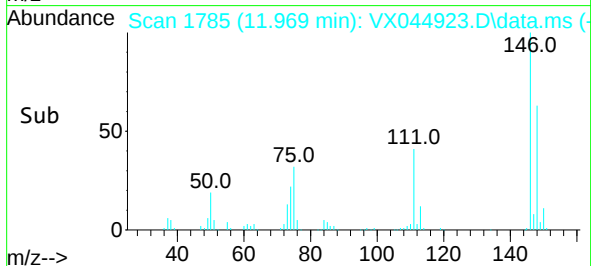
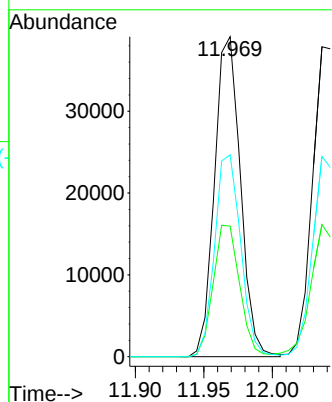
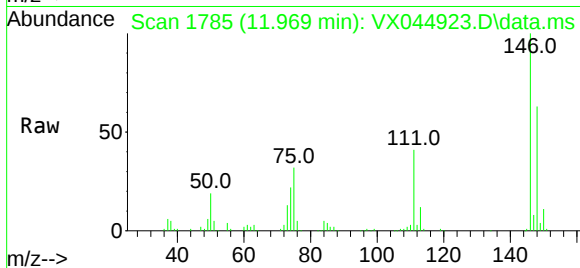
Tgt Ion:146 Resp: 51423
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.2 63.6
 148 63.7 32.5 97.5

Manual Integrations

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Reviewed By :John Carlone 02/14/2025

Supervised By :Mahesh Dadoda 02/14/2025



#88

1,4-Dichlorobenzene

Concen: 18.616 ug/l

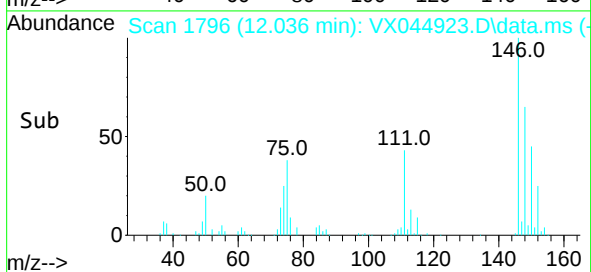
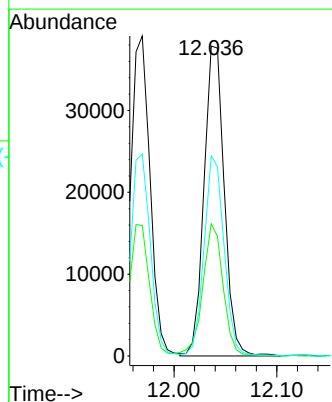
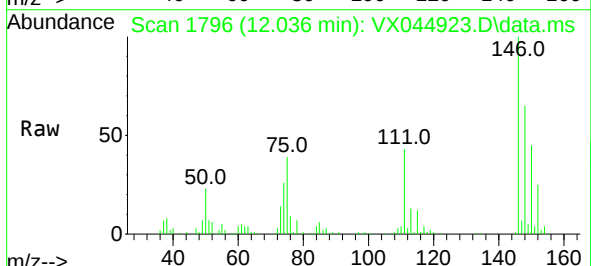
RT: 12.036 min Scan# 1796

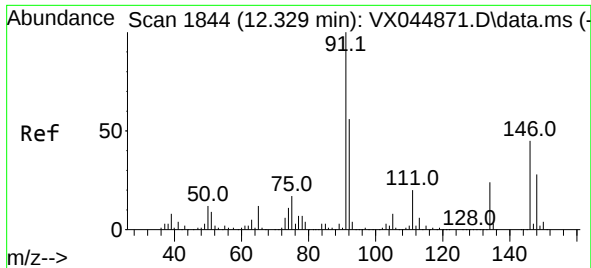
Delta R.T. 0.000 min

Lab File: VX044923.D

Acq: 12 Feb 2025 11:20

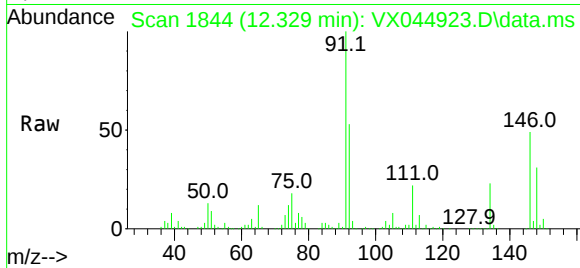
Tgt Ion:146 Resp: 52003
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.4 61.3
 148 64.0 32.0 96.0





#89
n-Butylbenzene
Concen: 18.617 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

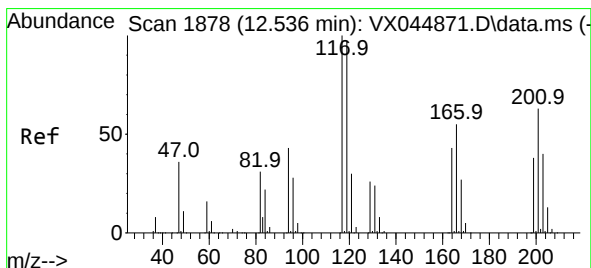
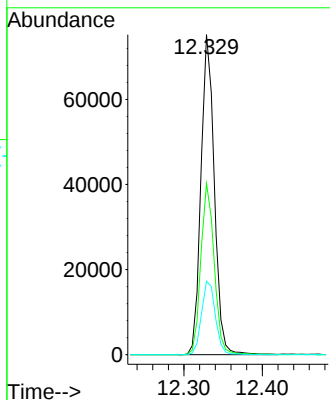
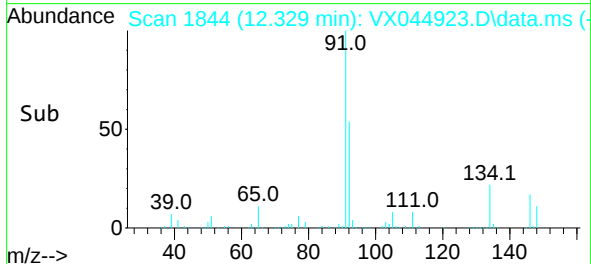
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



Tgt Ion: 91 Resp: 89228
Ion Ratio Lower Upper
91 100
92 53.6 27.2 81.6
134 23.9 12.1 36.3

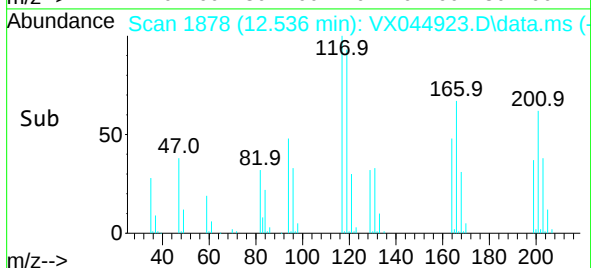
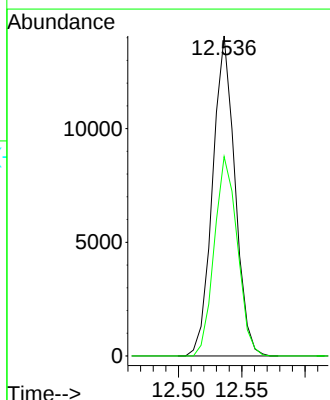
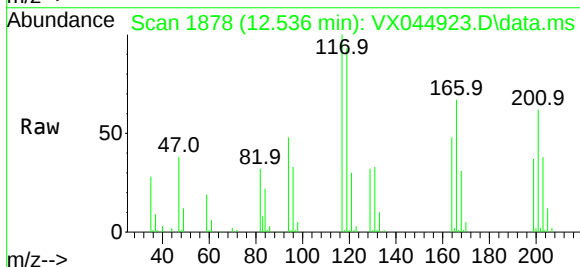
Manual Integrations
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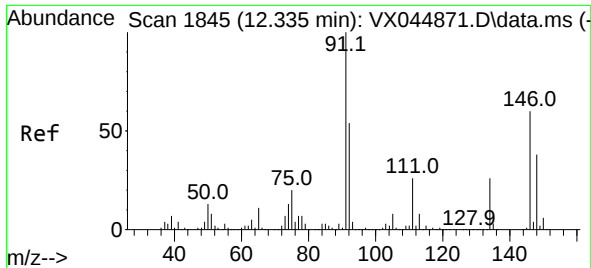
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#90
Hexachloroethane
Concen: 17.025 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

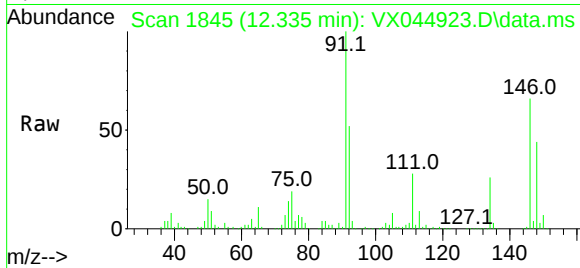
Tgt Ion:117 Resp: 17270
Ion Ratio Lower Upper
117 100
201 64.3 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 19.322 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

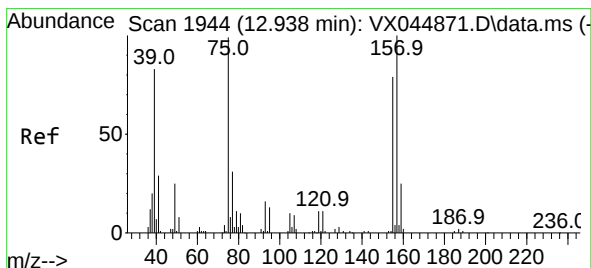
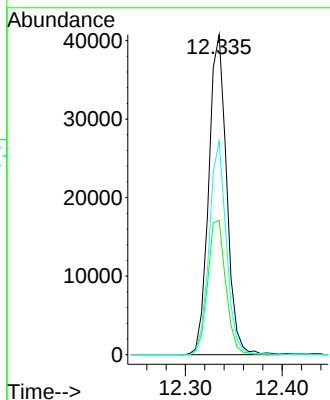
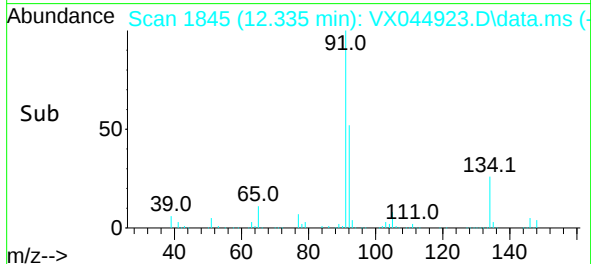
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



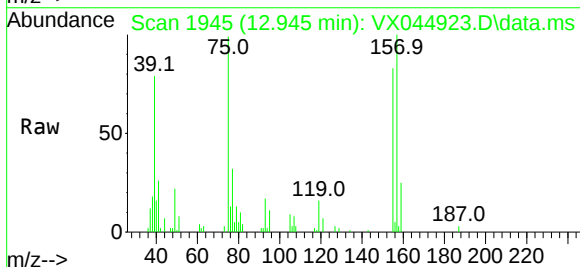
Tgt Ion:146 Resp: 5246
Ion Ratio Lower Upper
146 100
111 42.6 21.8 65.4
148 64.0 31.9 95.9

Manual Integrations
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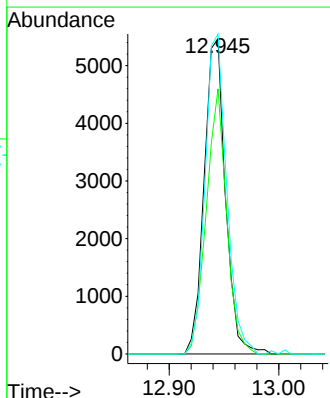
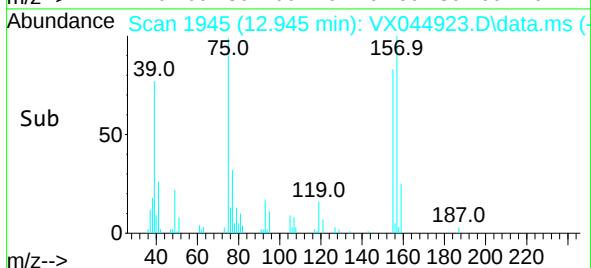
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025

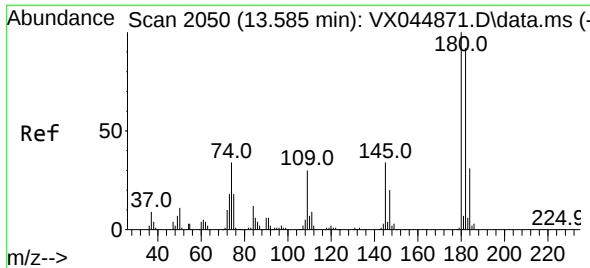


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.736 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion: 75 Resp: 7371
Ion Ratio Lower Upper
75 100
155 80.3 40.5 121.4
157 102.9 51.4 154.3





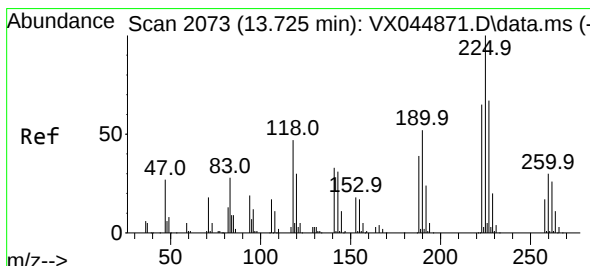
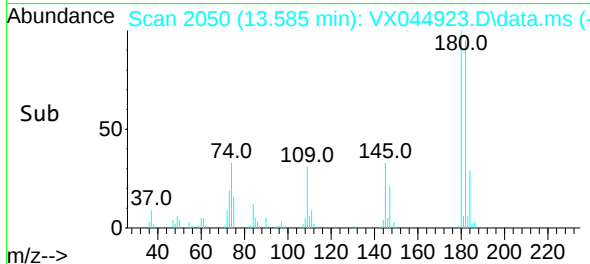
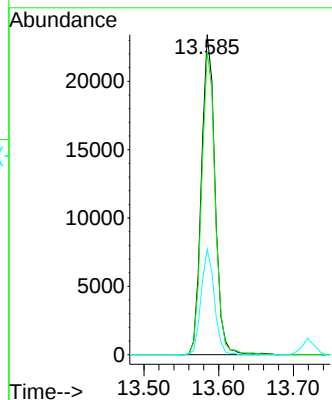
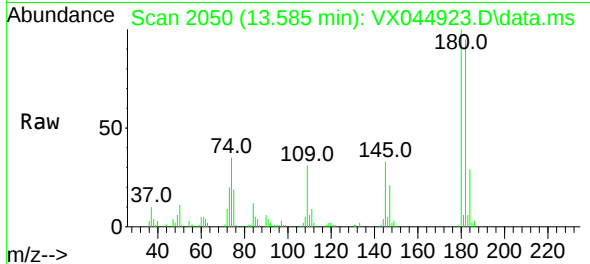
#93
1,2,4-Trichlorobenzene
Concen: 17.948 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01

Tgt Ion:180 Resp: 29489
Ion Ratio Lower Upper
180 100
182 94.1 47.6 142.8
145 32.1 16.4 49.1

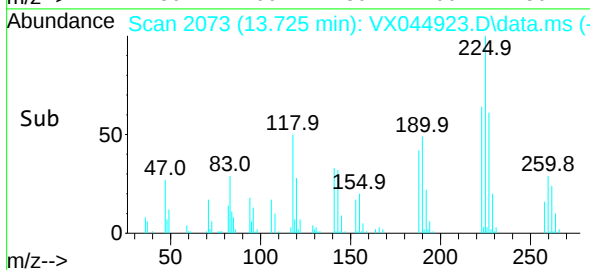
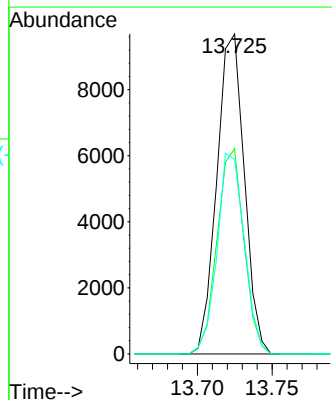
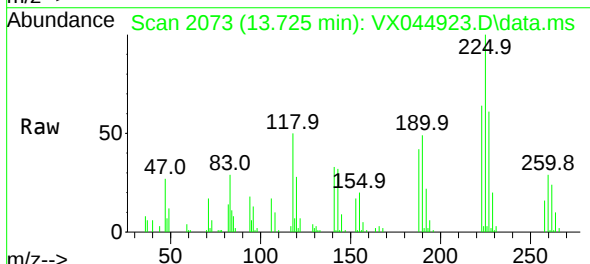
Manual Integrations
APPROVED

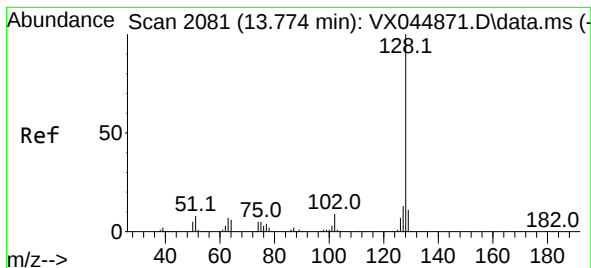
Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#94
Hexachlorobutadiene
Concen: 19.001 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

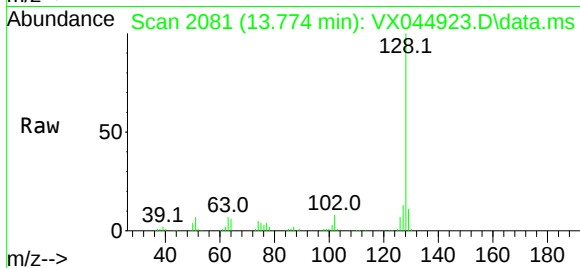
Tgt Ion:225 Resp: 12394
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.2
227 61.9 32.3 96.8





#95
Naphthalene
Concen: 18.605 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20

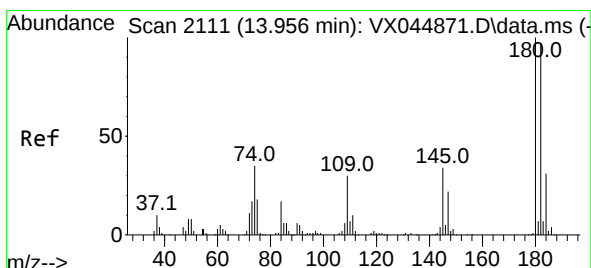
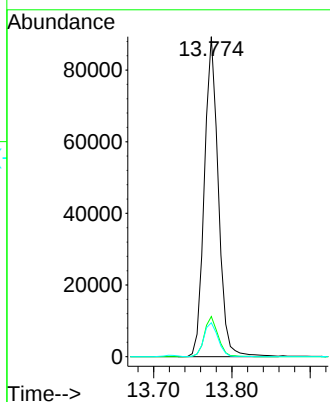
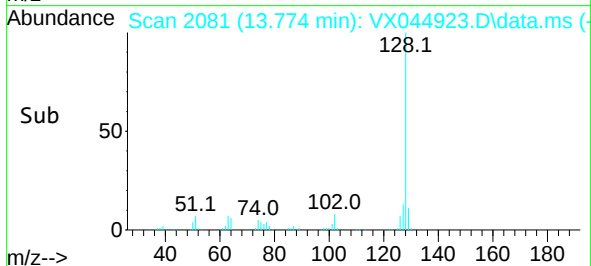
Instrument :
MSVOA_X
ClientSampleId :
VX0212WBS01



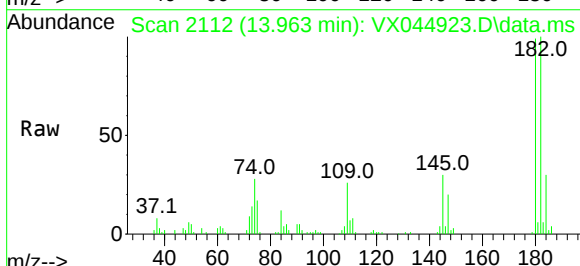
Tgt Ion:128 Resp: 11050
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.9 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/14/2025
Supervised By :Mahesh Dadoda 02/14/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.682 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX044923.D
Acq: 12 Feb 2025 11:20



Tgt Ion:180 Resp: 30930
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.6
145 31.9 17.1 51.3

