

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044872.D
 Acq On : 10 Feb 2025 12:05
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 02:01:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 01:47:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	129508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	236372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	91371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	183093	96.580	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 193.160%#			
35) Dibromofluoromethane	5.373	113	151228	98.404	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 196.800%#			
50) Toluene-d8	8.647	98	570976	98.253	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 196.500%#			
62) 4-Bromofluorobenzene	11.079	95	196066	100.079	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 200.160%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	182788	100.632	ug/l	99
3) Chloromethane	1.301	50	208416	94.275	ug/l	99
4) Vinyl Chloride	1.374	62	209017	97.593	ug/l	100
5) Bromomethane	1.593	94	62797	97.984	ug/l	97
6) Chloroethane	1.660	64	64581	100.253	ug/l	98
7) Trichlorofluoromethane	1.868	101	262354	96.865	ug/l	99
8) Diethyl Ether	2.130	74	95914	97.647	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.313	101	163414	99.860	ug/l	100
10) Methyl Iodide	2.441	142	212118	100.016	ug/l	99
11) Tert butyl alcohol	3.002	59	165263	469.903	ug/l #	73
12) 1,1-Dichloroethene	2.307	96	163593	98.004	ug/l	98
13) Acrolein	2.233	56	180570	497.628	ug/l	99
14) Allyl chloride	2.654	41	297526	98.624	ug/l	98
15) Acrylonitrile	3.063	53	466855	497.173	ug/l	99
16) Acetone	2.386	43	369720	485.125	ug/l	99
17) Carbon Disulfide	2.502	76	463308	101.216	ug/l	99
18) Methyl Acetate	2.703	43	238689	99.249	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	521003	98.098	ug/l	100
20) Methylene Chloride	2.782	84	180120	96.490	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	164067	99.864	ug/l	95
22) Diisopropyl ether	3.758	45	565927	99.157	ug/l	95
23) Vinyl Acetate	3.715	43	2387200	513.051	ug/l	100
24) 1,1-Dichloroethane	3.599	63	313164	98.064	ug/l	99
25) 2-Butanone	4.550	43	617283	498.801	ug/l	98
26) 2,2-Dichloropropane	4.465	77	248324	98.053	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	196381	99.513	ug/l	99
28) Bromochloromethane	4.885	49	148137	96.524	ug/l	100
29) Tetrahydrofuran	4.995	42	405208	493.104	ug/l	100
30) Chloroform	5.087	83	298690	96.445	ug/l	99
31) Cyclohexane	5.458	56	286830	97.426	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	254941	97.050	ug/l	100
36) 1,1-Dichloropropene	5.684	75	216005	97.422	ug/l	100
37) Ethyl Acetate	4.709	43	244164	99.005	ug/l	99
38) Carbon Tetrachloride	5.666	117	210381	96.828	ug/l	97
39) Methylcyclohexane	7.373	83	299703	104.554	ug/l	98
40) Benzene	6.025	78	675556	97.576	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	135629	102.745	ug/l	99
42) 1,2-Dichloroethane	6.080	62	218174	98.875	ug/l	100
43) Isopropyl Acetate	6.336	43	405489	101.818	ug/l	100
44) Trichloroethene	7.117	130	156832	99.103	ug/l	96
45) 1,2-Dichloropropane	7.422	63	170337	98.893	ug/l	97
46) Dibromomethane	7.574	93	119149	99.747	ug/l	100
47) Bromodichloromethane	7.818	83	236506	102.254	ug/l	97
48) Methyl methacrylate	7.690	41	195892	104.321	ug/l	100
49) 1,4-Dioxane	7.659	88	77816	1931.508	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1196887	494.353	ug/l	100
52) Toluene	8.714	92	409318	99.270	ug/l	99
53) t-1,3-Dichloropropene	8.970	75	249725	106.694	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	277371	106.287	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	156629	98.817	ug/l	100
56) Ethyl methacrylate	9.116	69	268693	104.958	ug/l	99
57) 1,3-Dichloropropane	9.305	76	273845	98.742	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	664198	528.405	ug/l	100
59) 2-Hexanone	9.427	43	871904	499.819	ug/l	99
60) Dibromochloromethane	9.519	129	173848	102.557	ug/l	100
61) 1,2-Dibromoethane	9.604	107	162982	101.451	ug/l	98
64) Tetrachloroethene	9.269	164	125294	97.447	ug/l	100
65) Chlorobenzene	10.073	112	436565	99.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	144793	102.728	ug/l	100
67) Ethyl Benzene	10.189	91	784184	101.477	ug/l	100
68) m/p-Xylenes	10.299	106	575559	201.907	ug/l	99
69) o-Xylene	10.640	106	281830	98.530	ug/l	100
70) Styrene	10.653	104	473403	102.728	ug/l	99
71) Bromoform	10.799	173	112371	106.827	ug/l #	99
73) Isopropylbenzene	10.957	105	719923	97.854	ug/l	99
74) N-amyl acetate	10.842	43	345193	103.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	238529	94.351	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	198320m	97.896	ug/l	
77) Bromobenzene	11.195	156	163845	98.230	ug/l	100
78) n-propylbenzene	11.299	91	858793	101.132	ug/l	100
79) 2-Chlorotoluene	11.360	91	497149	95.257	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	584885	97.966	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	83483	106.006	ug/l	98
82) 4-Chlorotoluene	11.451	91	569510	98.634	ug/l	100
83) tert-Butylbenzene	11.713	119	591396	97.917	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	588385	99.851	ug/l	99
85) sec-Butylbenzene	11.890	105	749534	100.219	ug/l	99
86) p-Isopropyltoluene	12.006	119	607577	101.019	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	303851	99.061	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	303417	97.830	ug/l	99
89) n-Butylbenzene	12.329	91	583634	109.686	ug/l	100
90) Hexachloroethane	12.536	117	117533	104.365	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	293151	97.244	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	47745	103.477	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	193214	105.921	ug/l	99
94) Hexachlorobutadiene	13.725	225	74605	103.024	ug/l	99
95) Naphthalene	13.774	128	689104	104.505	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	190534	103.659	ug/l	99

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

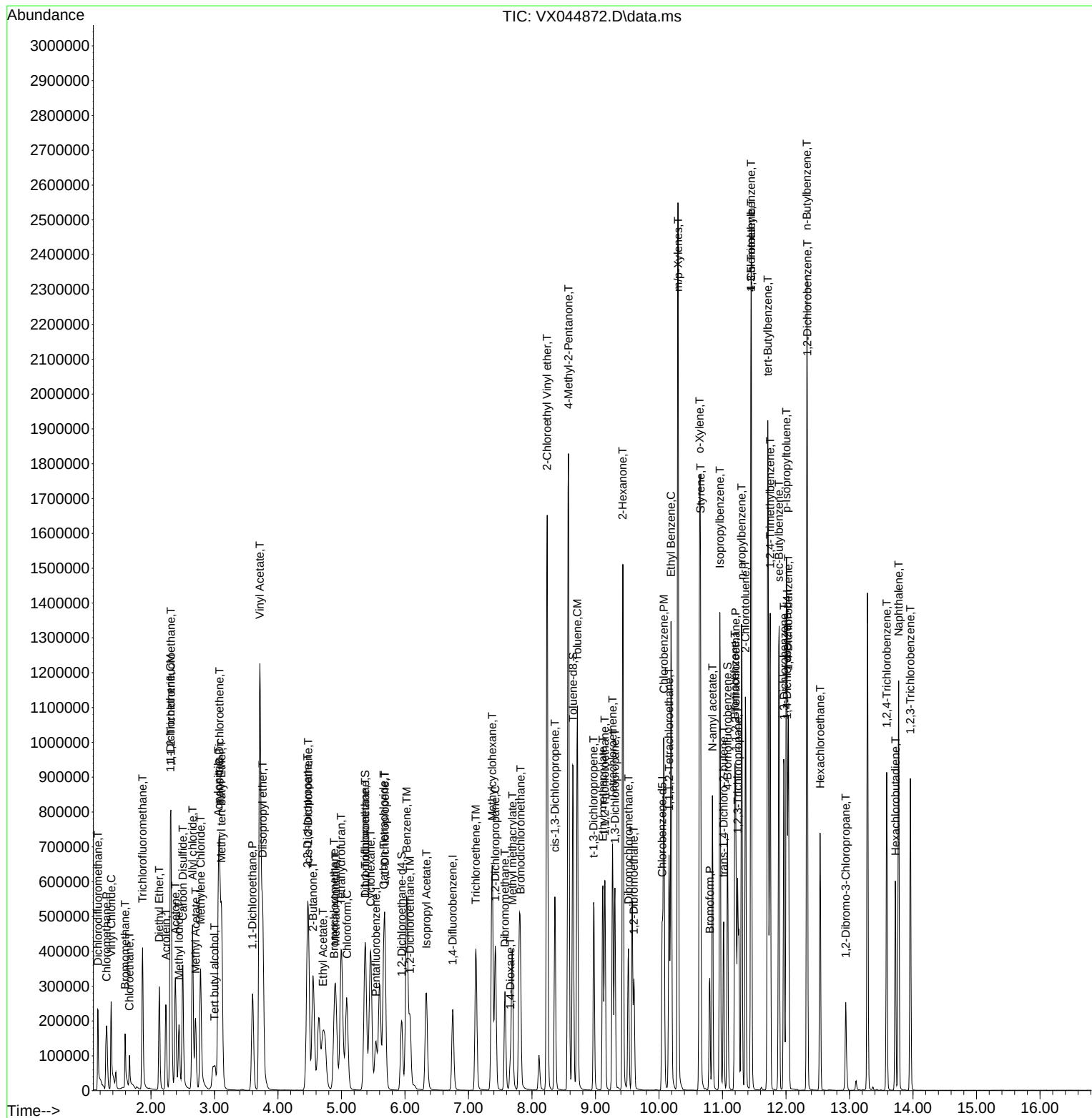
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
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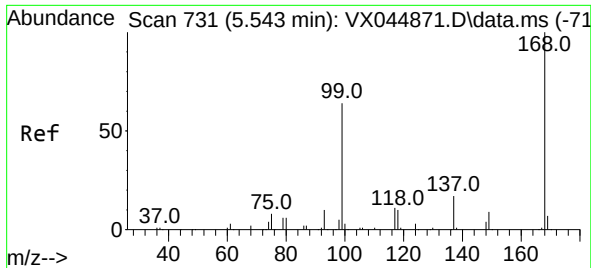
Instrument :
MSVOA_X
ClientSampleId :
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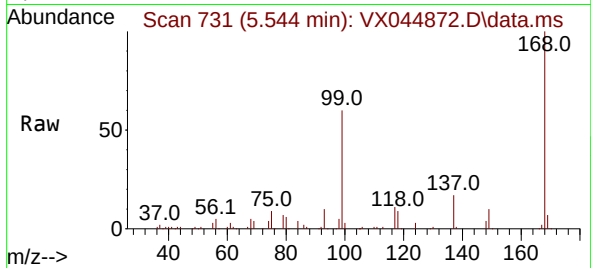
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044872.D
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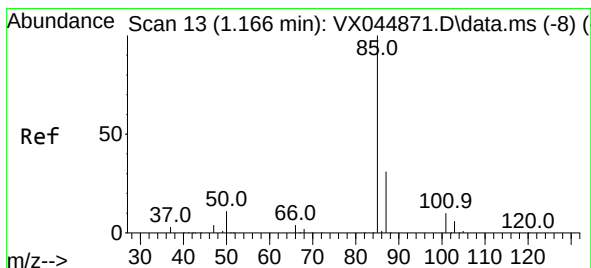
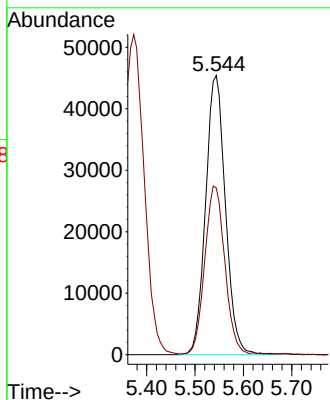
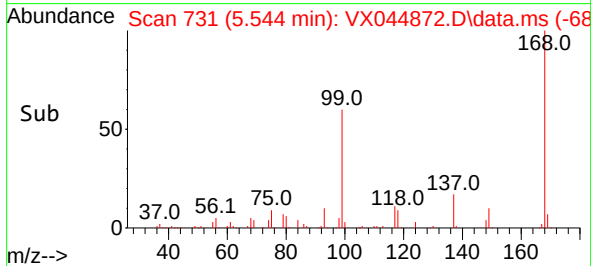
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



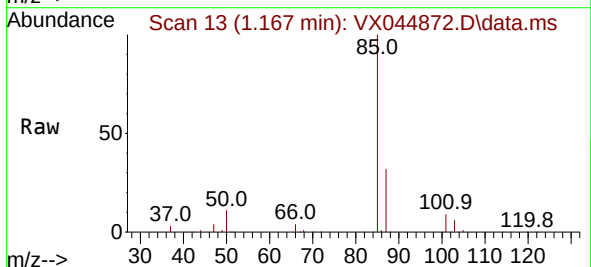
Tgt Ion:168 Resp: 129508
Ion Ratio Lower Upper
168 100
99 59.4 51.2 76.8

Manual Integrations
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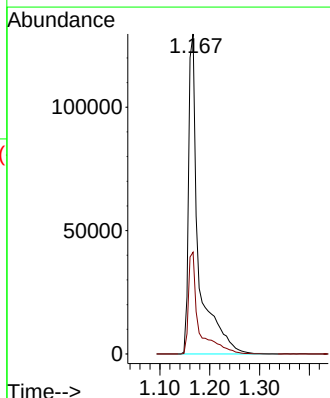
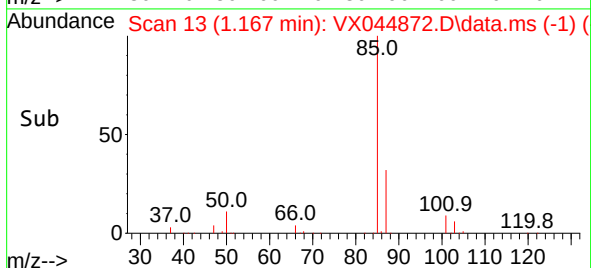
Reviewed By :John Carlone 02/11/2025
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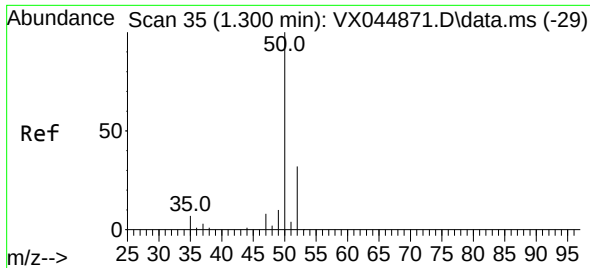


#2
Dichlorodifluoromethane
Concen: 100.632 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



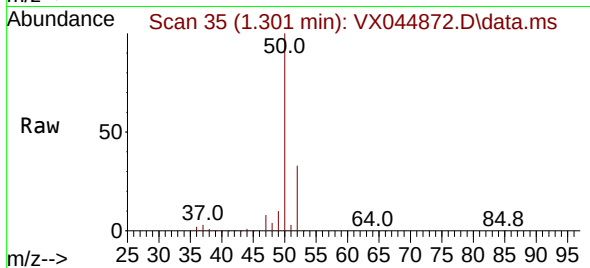
Tgt Ion: 85 Resp: 182788
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.3





#3
Chloromethane
Concen: 94.275 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

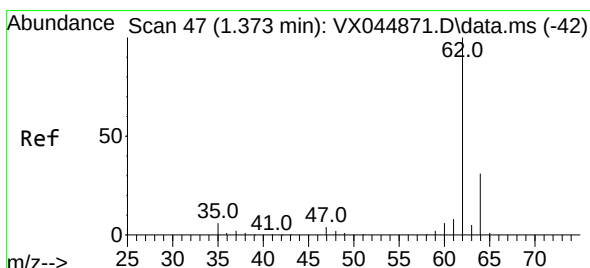
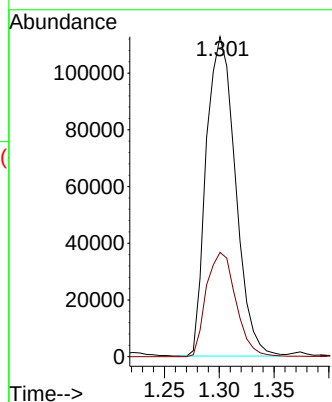
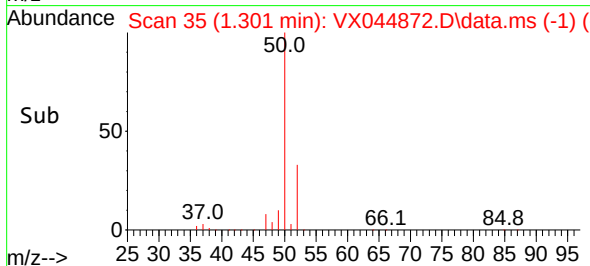
Instrument :
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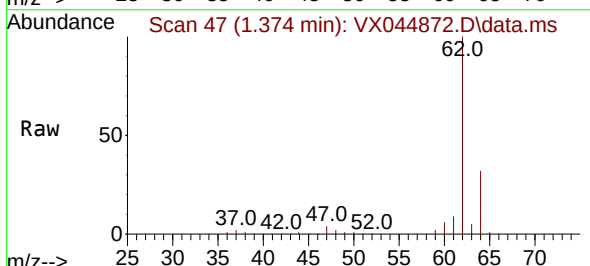
Tgt Ion: 50 Resp: 208410
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9

Manual Integrations
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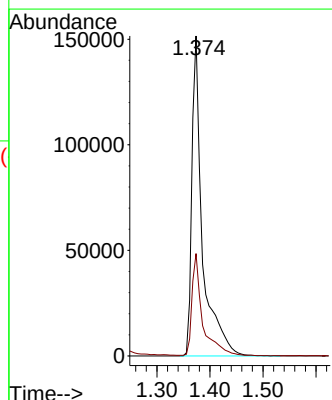
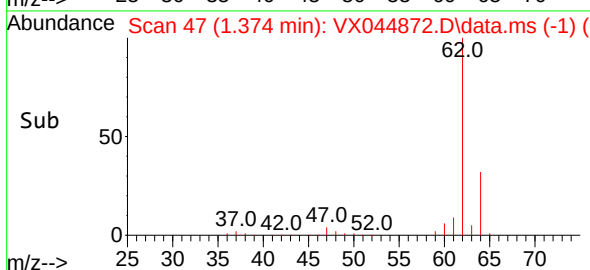
Reviewed By :John Carlone 02/11/2025
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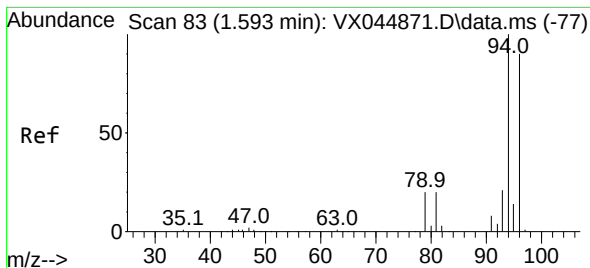


#4
Vinyl Chloride
Concen: 97.593 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



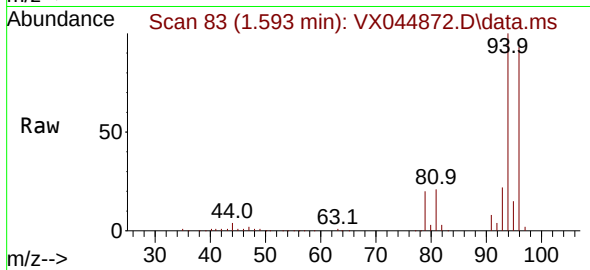
Tgt Ion: 62 Resp: 209017
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 97.984 ug/l
RT: 1.593 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

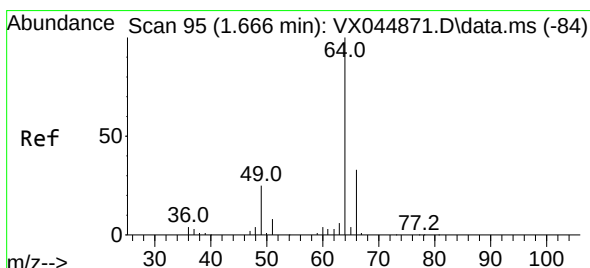
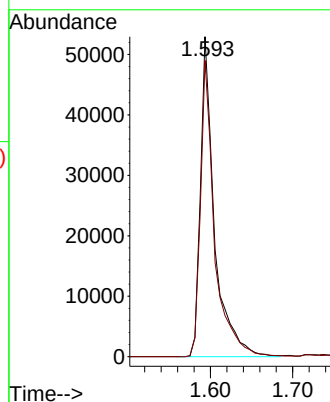
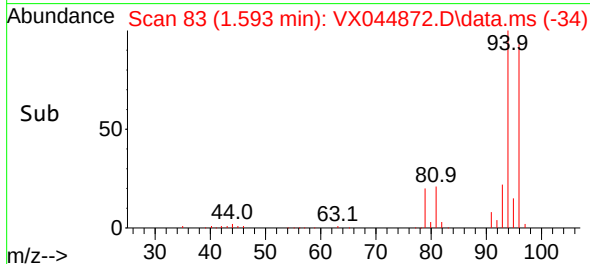
Instrument :
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Tgt Ion: 94 Resp: 6279
Ion Ratio Lower Upper
94 100
96 92.6 71.6 107.4

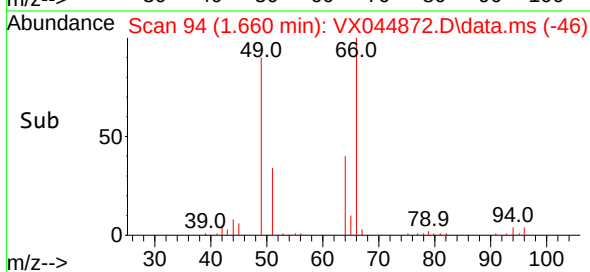
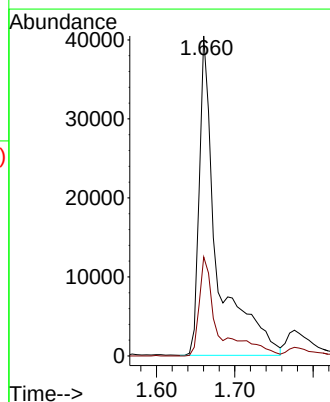
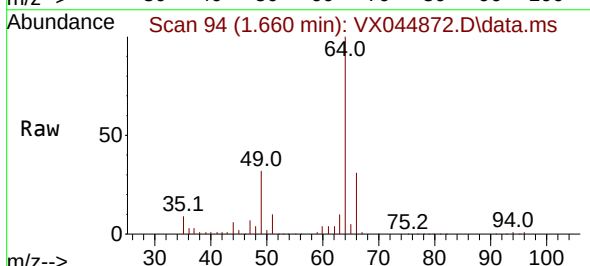
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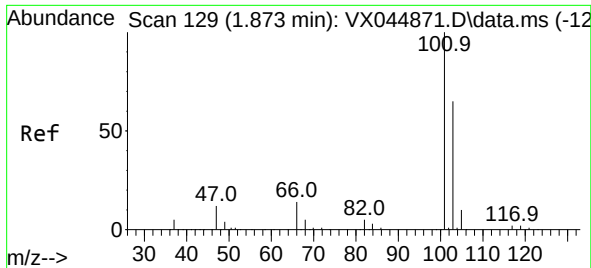
Reviewed By :John Carlone 02/11/2025
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#6
Chloroethane
Concen: 100.253 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

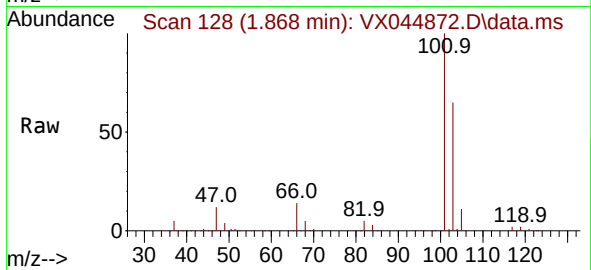
Tgt Ion: 64 Resp: 64581
Ion Ratio Lower Upper
64 100
66 31.0 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 96.865 ug/l
 RT: 1.868 min Scan# 128
 Delta R.T. -0.006 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

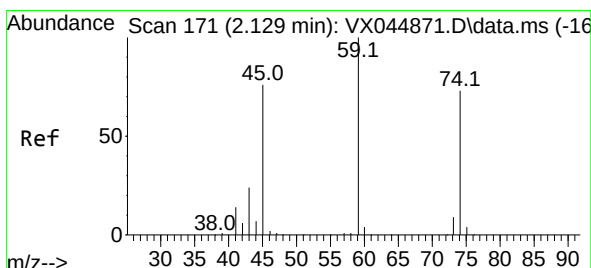
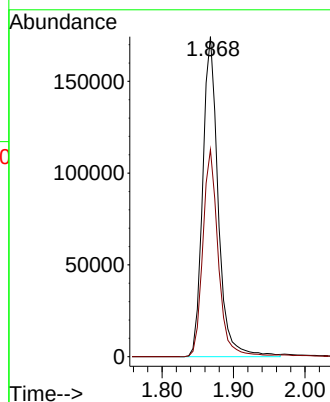
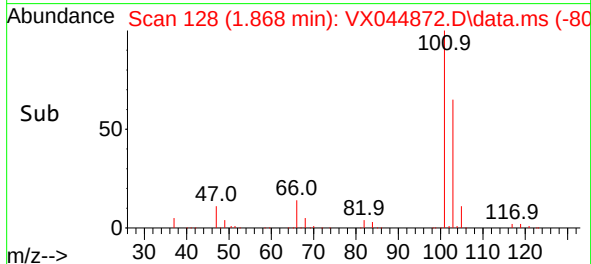
Instrument :
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Tgt Ion:101 Resp: 262354
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.4 78.6

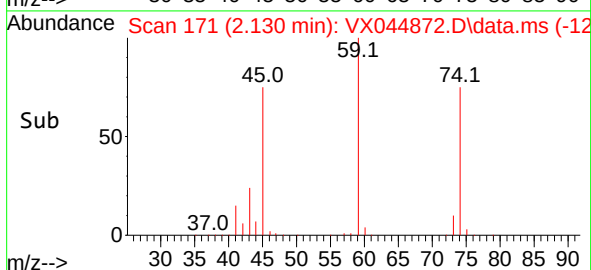
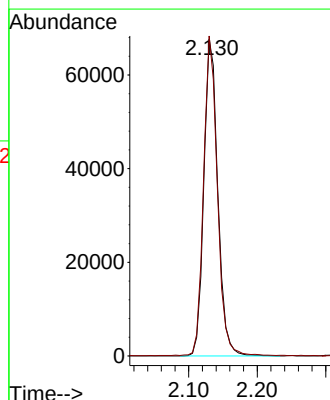
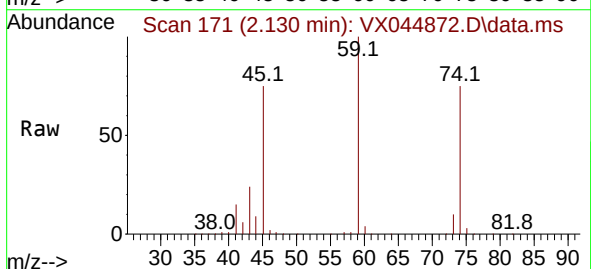
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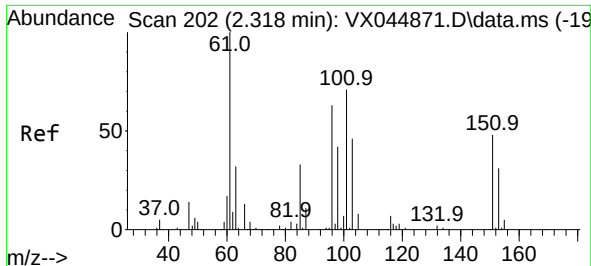
Reviewed By :John Carlone 02/11/2025
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#8
 Diethyl Ether
 Concen: 97.647 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VX044872.D
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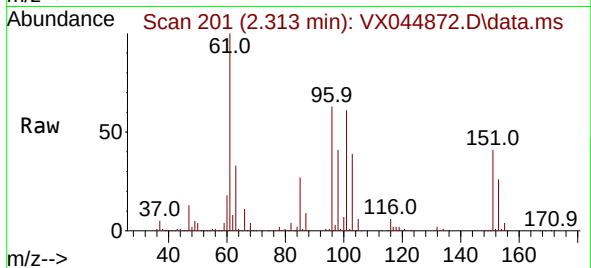
Tgt Ion: 74 Resp: 95914
 Ion Ratio Lower Upper
 74 100
 45 99.5 51.1 153.4





#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.860 ug/l
RT: 2.313 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

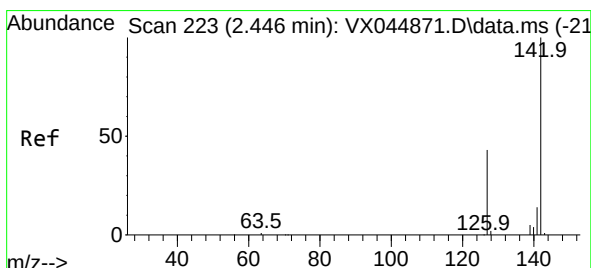
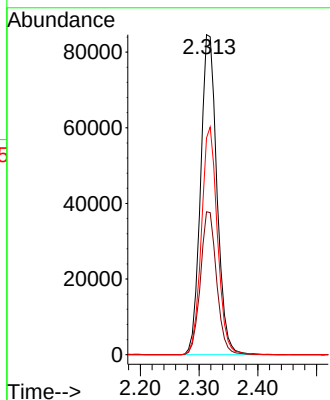
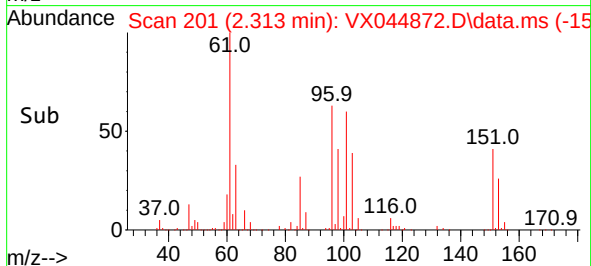
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



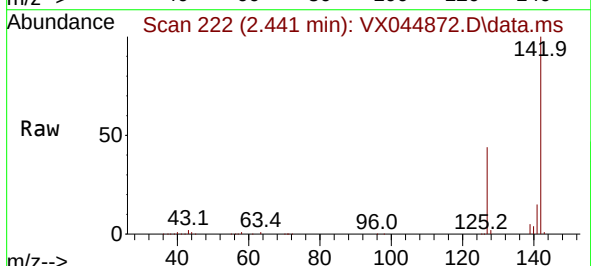
Tgt Ion:101 Resp: 163414
Ion Ratio Lower Upper
101 100
85 44.3 35.7 53.5
151 69.8 56.0 84.0

Manual Integrations
APPROVED

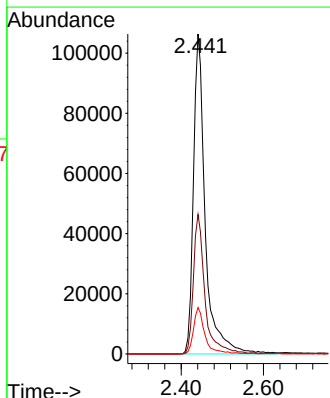
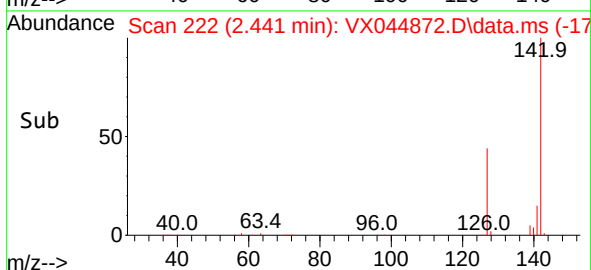
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

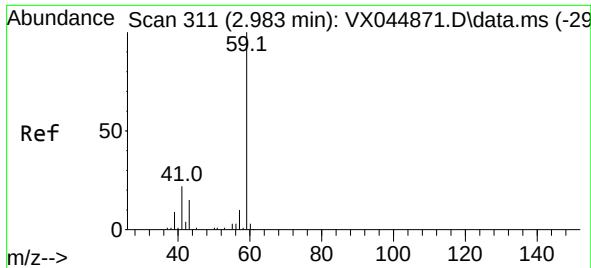


#10
Methyl Iodide
Concen: 100.016 ug/l
RT: 2.441 min Scan# 222
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



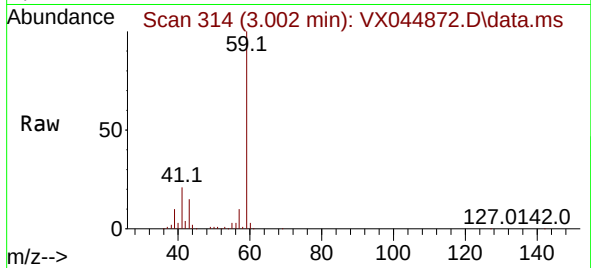
Tgt Ion:142 Resp: 212118
Ion Ratio Lower Upper
142 100
127 42.5 34.3 51.5
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 469.903 ug/l
RT: 3.002 min Scan# 311
Delta R.T. 0.019 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

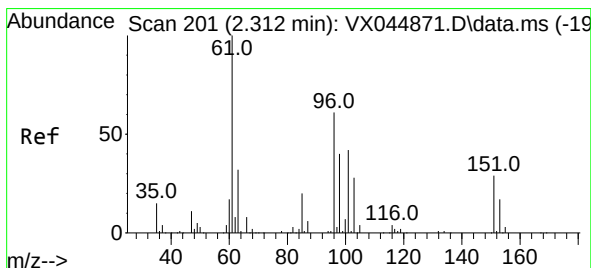
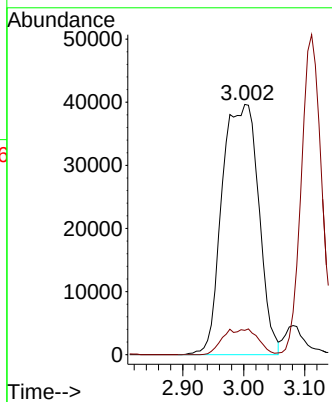
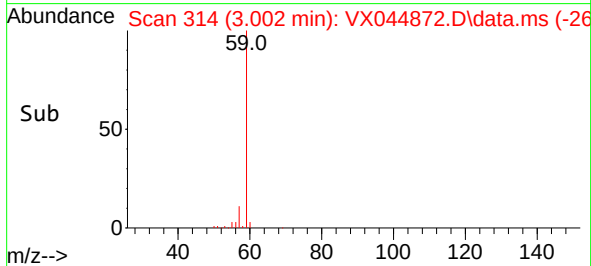
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



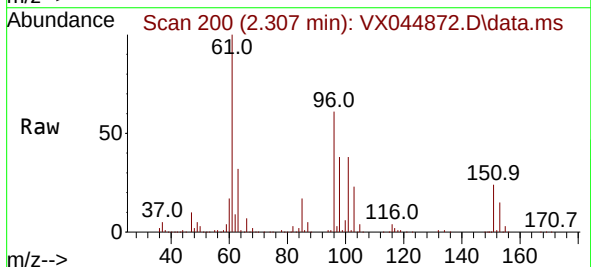
Tgt Ion: 59 Resp: 165263
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

Manual Integrations
APPROVED

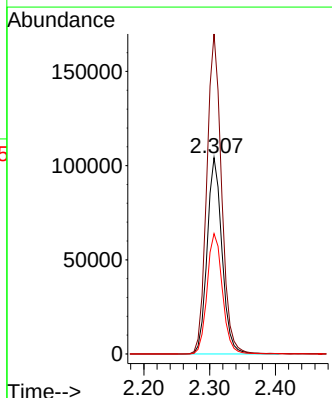
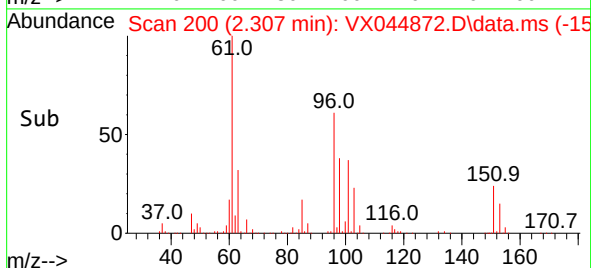
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

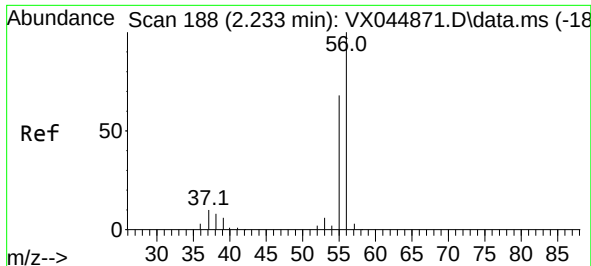


#12
1,1-Dichloroethene
Concen: 98.004 ug/l
RT: 2.307 min Scan# 200
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



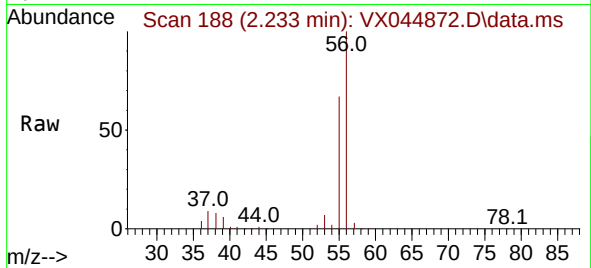
Tgt Ion: 96 Resp: 163593
Ion Ratio Lower Upper
96 100
61 162.9 130.2 195.4
98 61.3 52.2 78.4





#13
Acrolein
Concen: 497.628 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

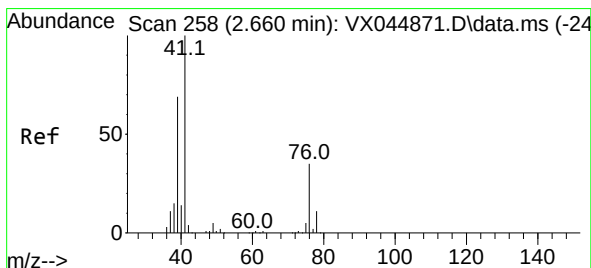
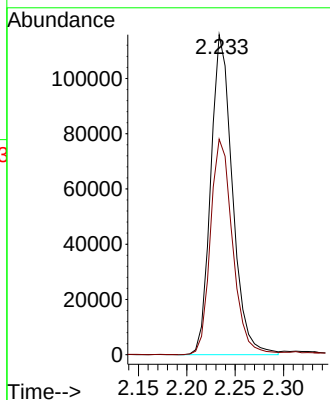
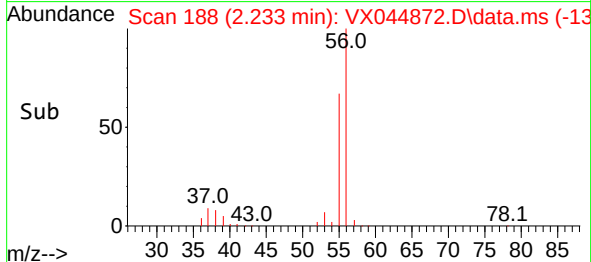
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 180570
Ion Ratio Lower Upper
56 100
55 68.9 55.7 83.5

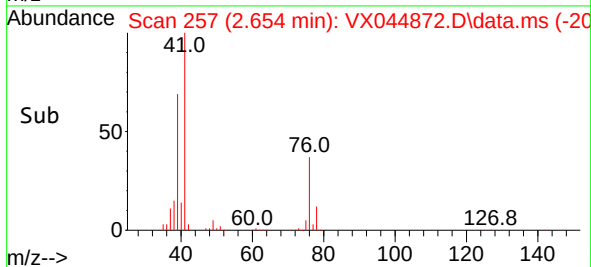
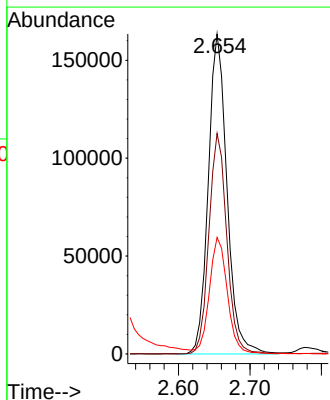
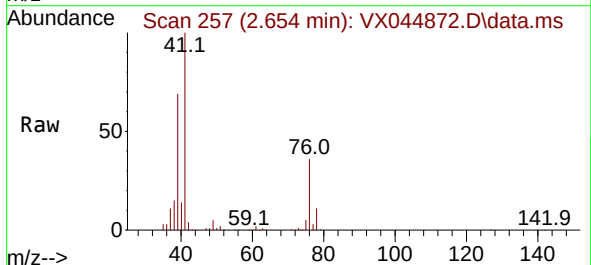
Manual Integrations
APPROVED

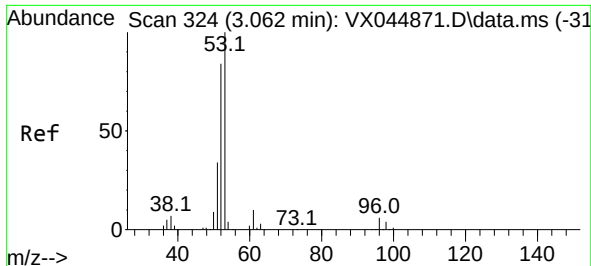
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#14
Allyl chloride
Concen: 98.624 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

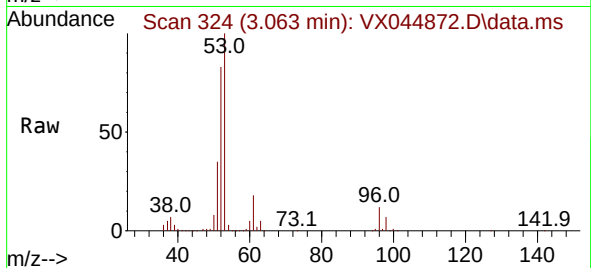
Tgt Ion: 41 Resp: 297526
Ion Ratio Lower Upper
41 100
39 65.6 51.4 77.2
76 34.9 27.0 40.4





#15
Acrylonitrile
Concen: 497.173 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

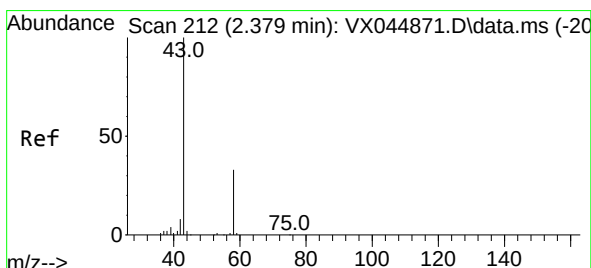
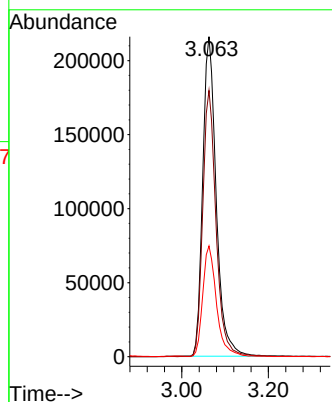
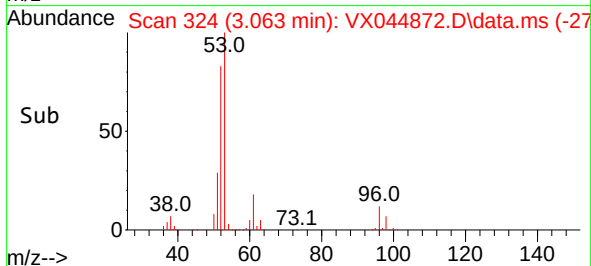
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 53 Resp: 46685
Ion Ratio Lower Upper
53 100
52 82.4 65.0 97.6
51 34.9 28.0 42.0

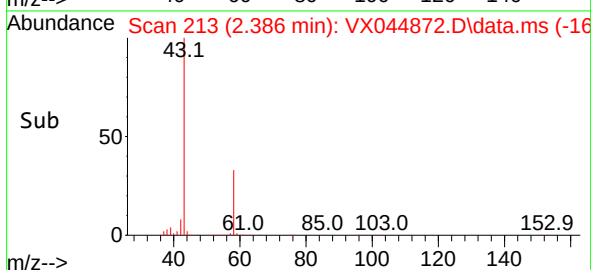
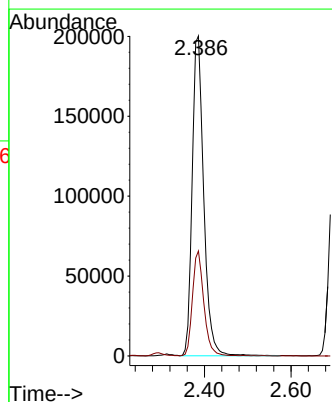
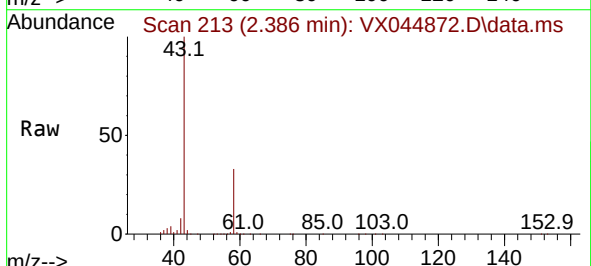
Manual Integrations
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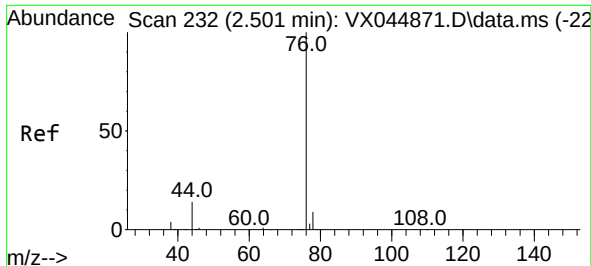
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#16
Acetone
Concen: 485.125 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion: 43 Resp: 369720
Ion Ratio Lower Upper
43 100
58 32.8 26.5 39.7





#17

Carbon Disulfide

Concen: 101.216 ug/l

RT: 2.502 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 463308

Ion Ratio Lower Upper

76 100

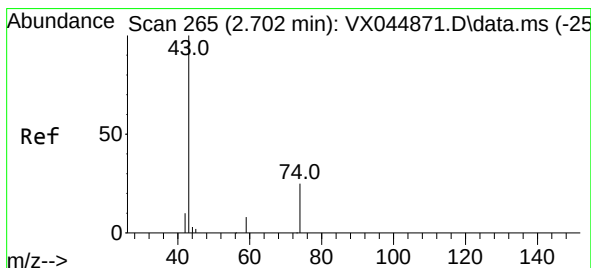
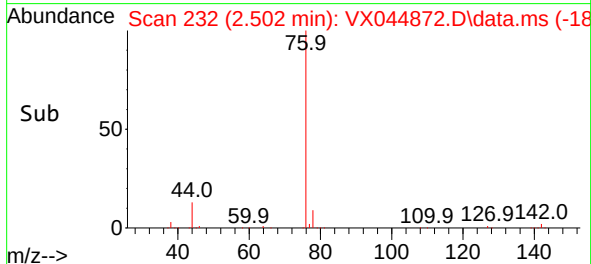
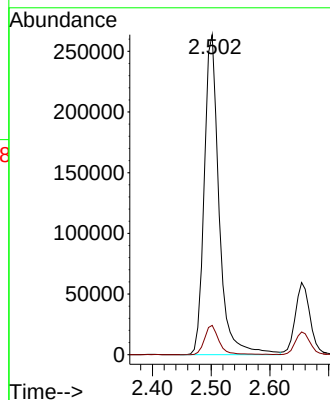
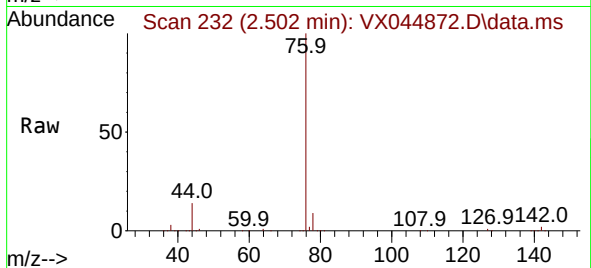
78 9.1 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#18

Methyl Acetate

Concen: 99.249 ug/l

RT: 2.703 min Scan# 265

Delta R.T. 0.000 min

Lab File: VX044872.D

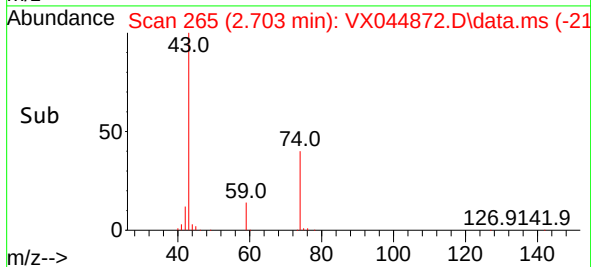
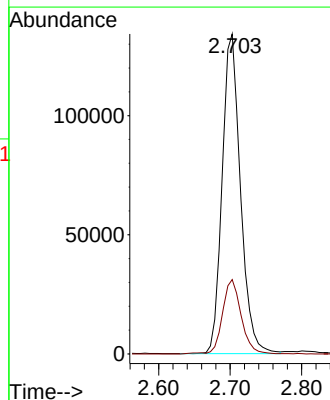
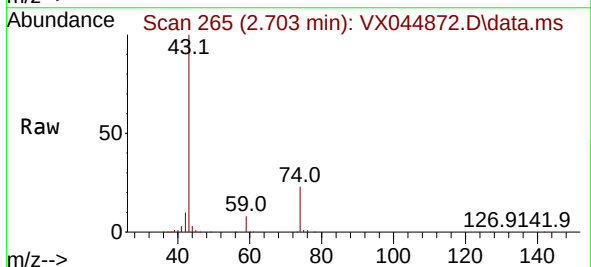
Acq: 10 Feb 2025 12:05

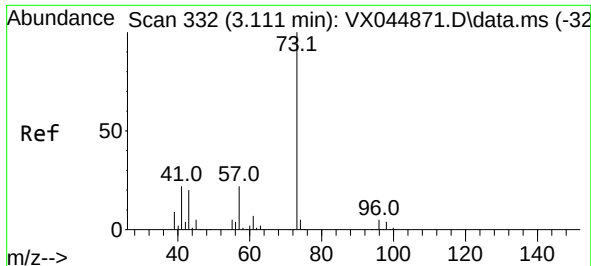
Tgt Ion: 43 Resp: 238689

Ion Ratio Lower Upper

43 100

74 23.8 18.9 28.3





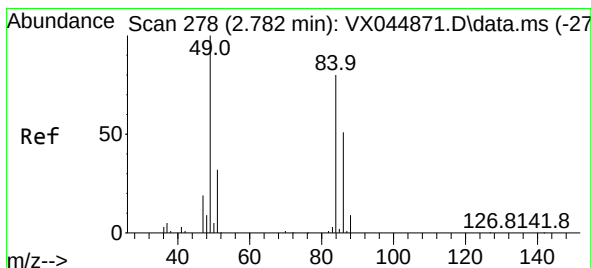
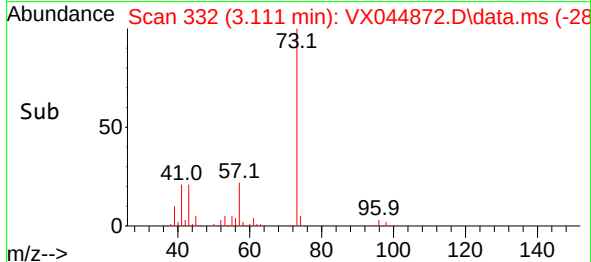
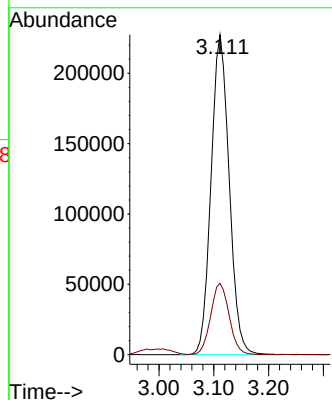
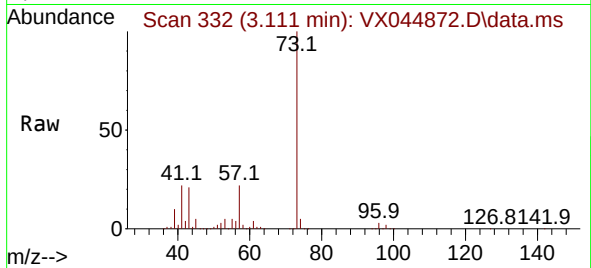
#19
Methyl tert-butyl Ether
Concen: 98.098 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 52100
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

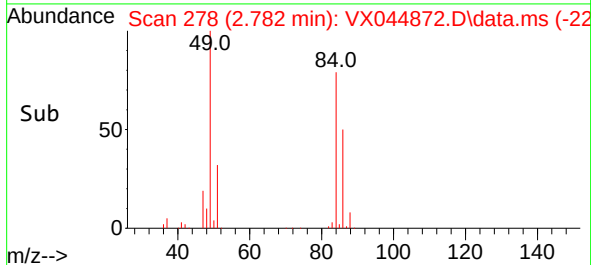
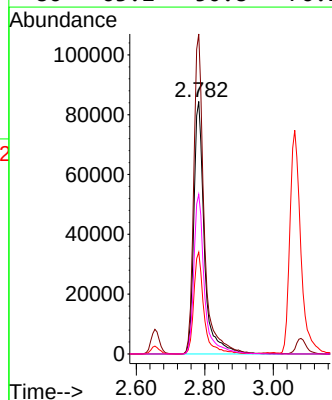
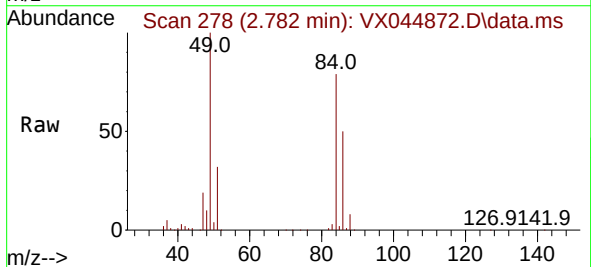
Manual Integrations
APPROVED

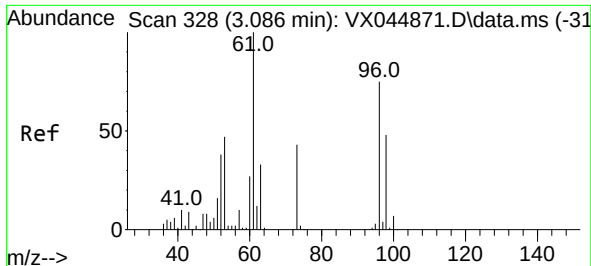
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#20
Methylene Chloride
Concen: 96.490 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

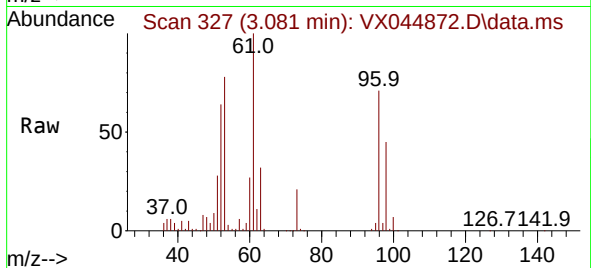
Tgt Ion: 84 Resp: 180120
Ion Ratio Lower Upper
84 100
49 126.7 100.1 150.1
51 40.3 31.7 47.5
86 63.2 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 99.864 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

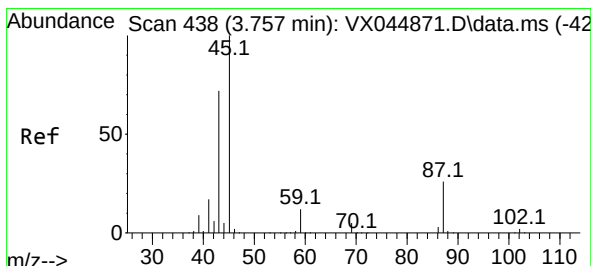
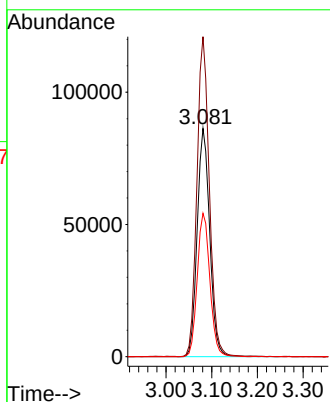
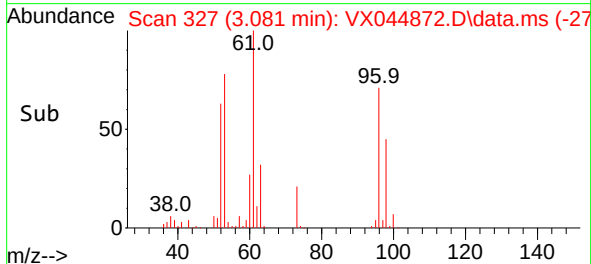
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 96 Resp: 16406
Ion Ratio Lower Upper
96 100
61 140.2 106.0 159.0
98 62.8 50.6 76.0

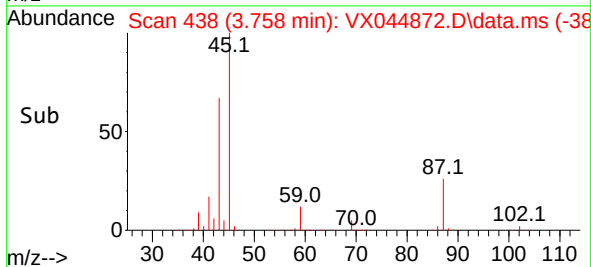
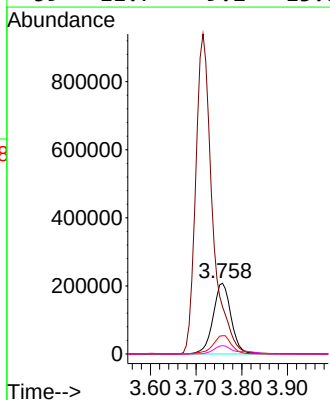
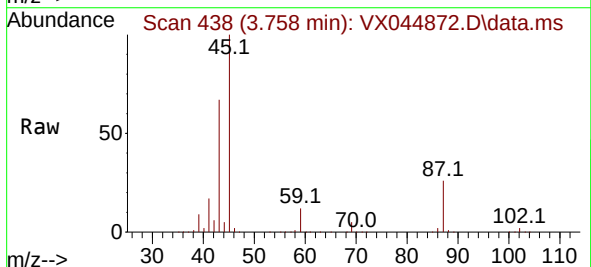
Manual Integrations
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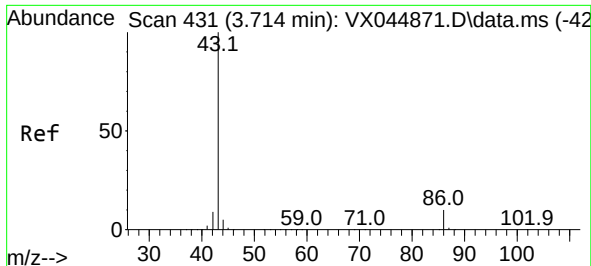
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#22
Diisopropyl ether
Concen: 99.157 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion: 45 Resp: 565927
Ion Ratio Lower Upper
45 100
43 66.7 58.0 87.0
87 25.7 20.7 31.1
59 11.7 9.2 13.8





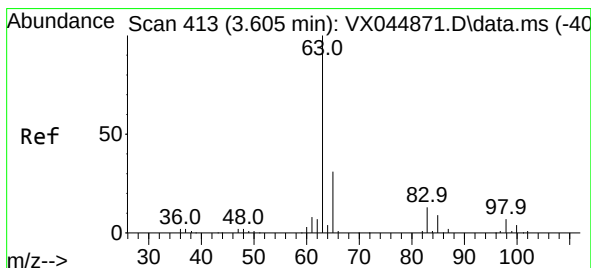
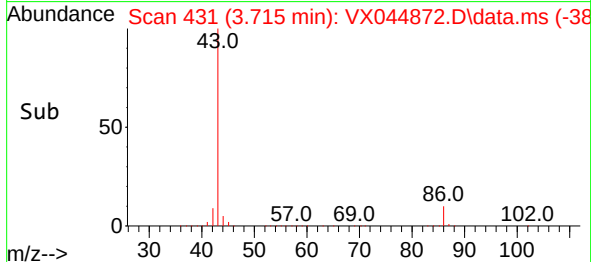
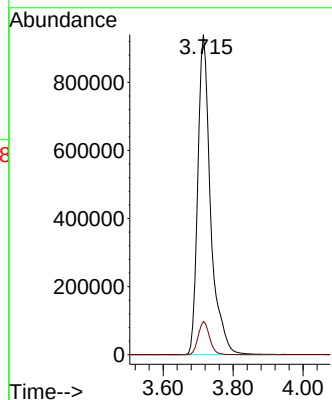
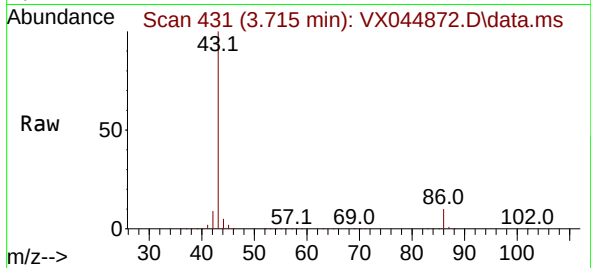
#23
 Vinyl Acetate
 Concen: 513.051 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2387200
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.3 12.5

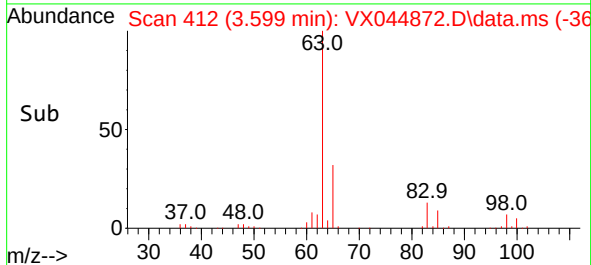
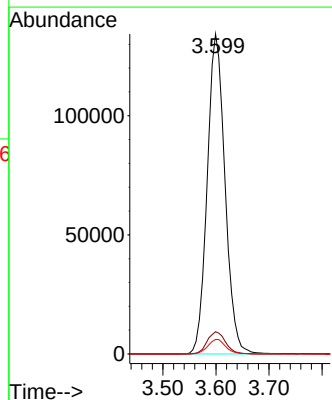
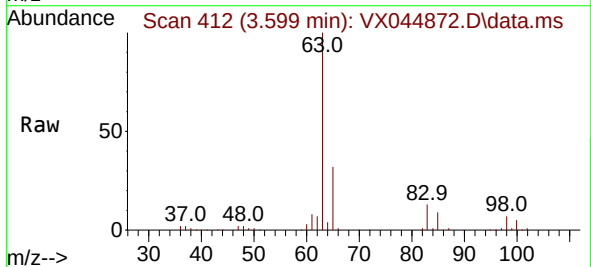
Manual Integrations
 APPROVED

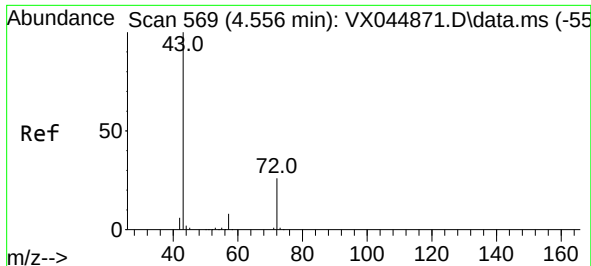
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#24
 1,1-Dichloroethane
 Concen: 98.064 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

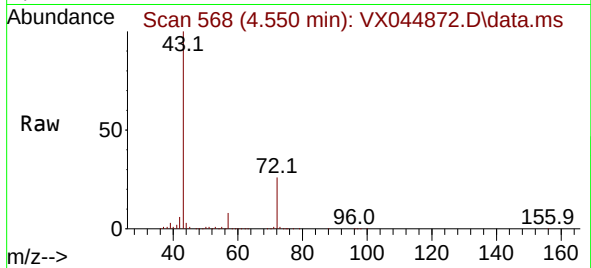
Tgt Ion: 63 Resp: 313164
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.3 9.9
 100 4.5 2.1 6.5





#25
2-Butanone
Concen: 498.801 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

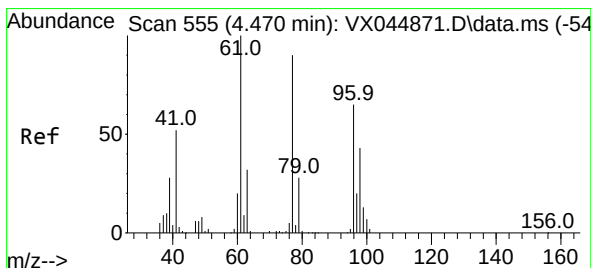
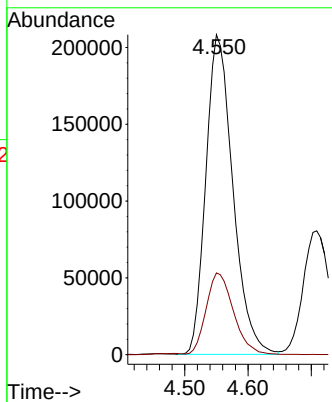
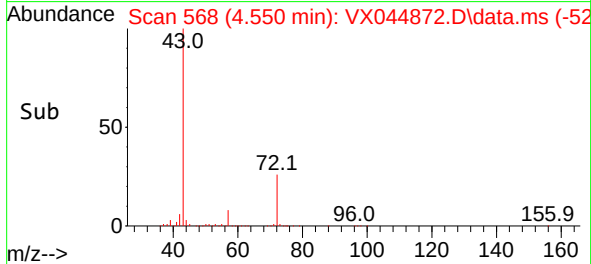
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 61728
Ion Ratio Lower Upper
43 100
72 25.4 21.2 31.8

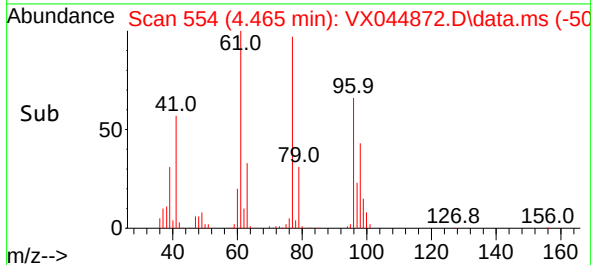
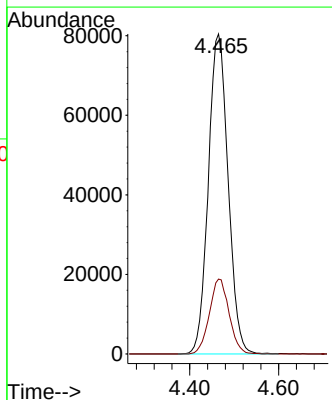
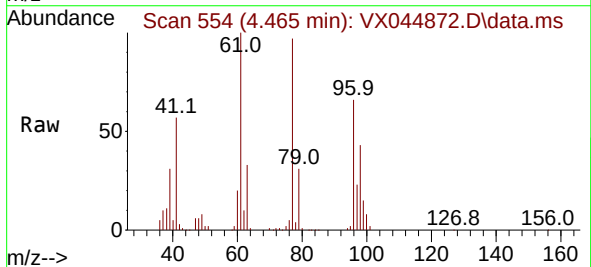
Manual Integrations
APPROVED

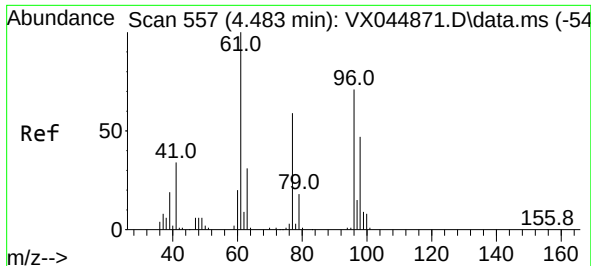
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#26
2,2-Dichloropropane
Concen: 98.053 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion: 77 Resp: 248324
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 99.513 ug/l

RT: 4.477 min Scan# 556

Delta R.T. -0.006 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 19638

Ion Ratio Lower Upper

96 100

61 145.1 0.0 294.0

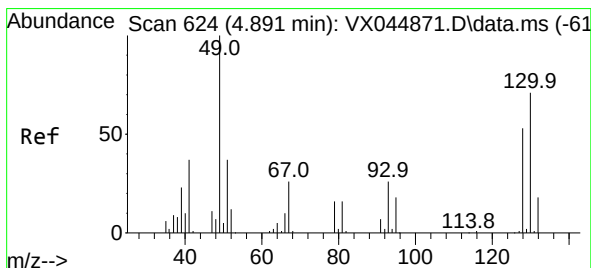
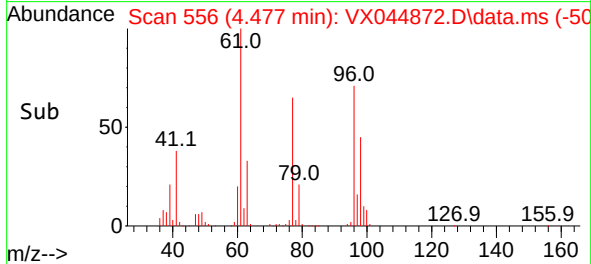
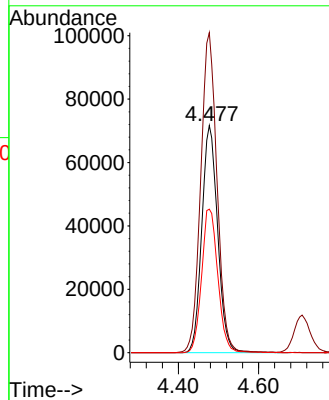
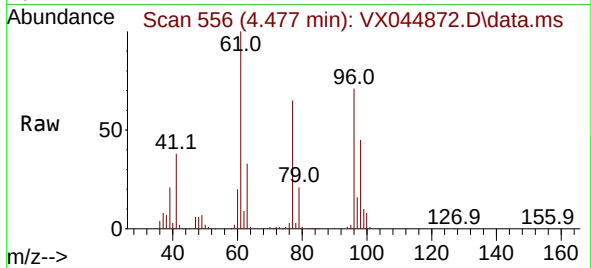
98 64.6 0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#28

Bromochloromethane

Concen: 96.524 ug/l

RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

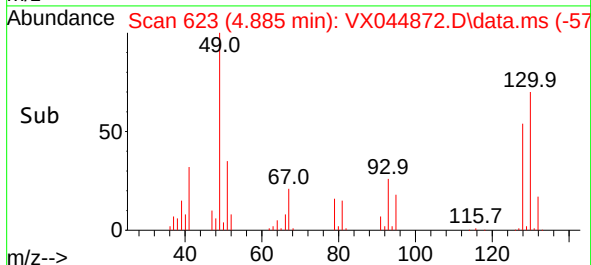
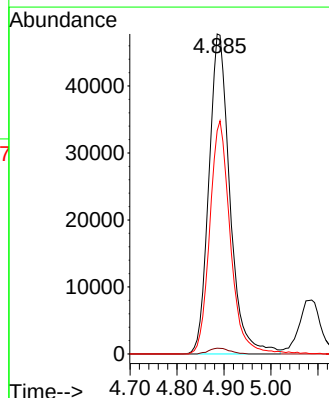
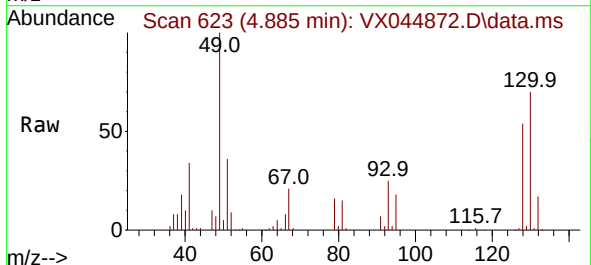
Tgt Ion: 49 Resp: 148137

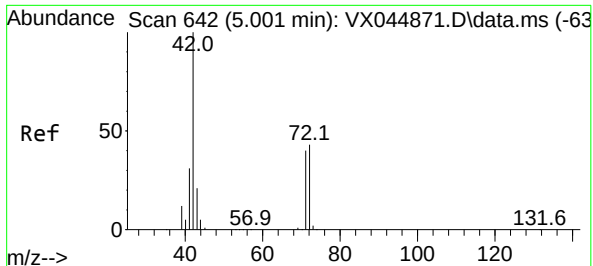
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

130 71.1 56.7 85.1





#29

Tetrahydrofuran

Concen: 493.104 ug/l

RT: 4.995 min Scan# 642

Delta R.T. -0.006 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 405208

Ion Ratio Lower Upper

42 100

72 43.9 35.0 52.4

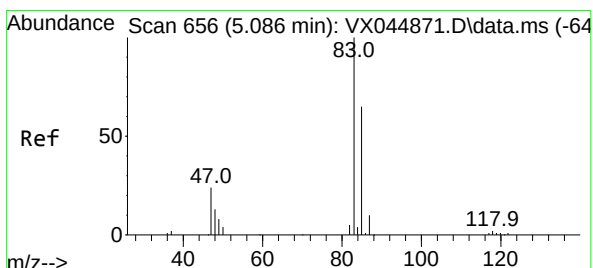
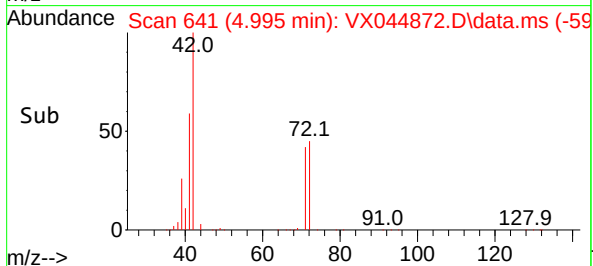
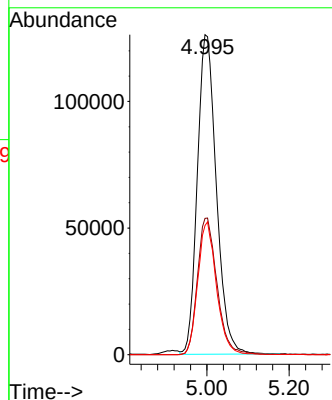
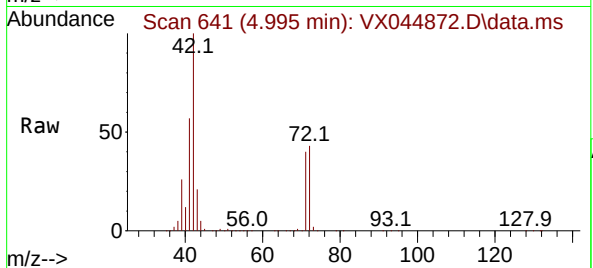
71 40.8 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#30

Chloroform

Concen: 96.445 ug/l

RT: 5.087 min Scan# 656

Delta R.T. 0.000 min

Lab File: VX044872.D

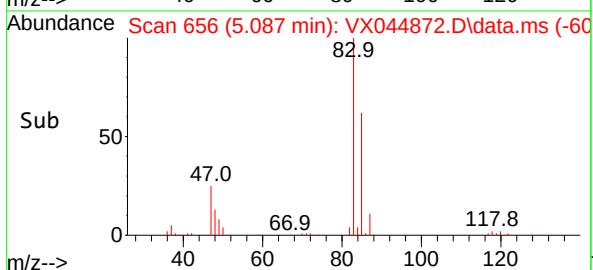
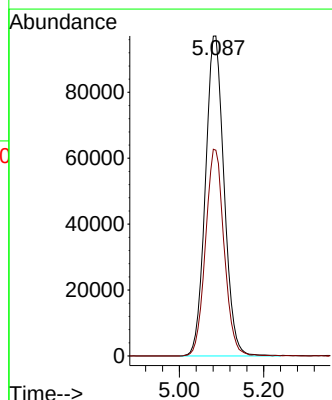
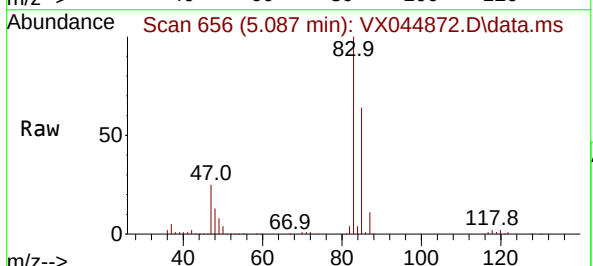
Acq: 10 Feb 2025 12:05

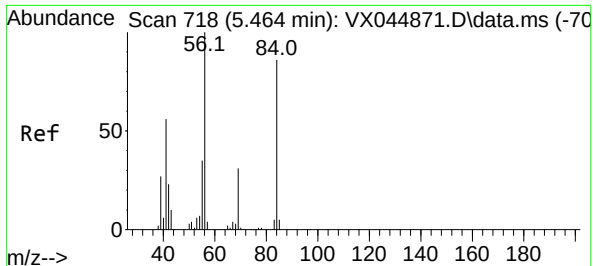
Tgt Ion: 83 Resp: 298690

Ion Ratio Lower Upper

83 100

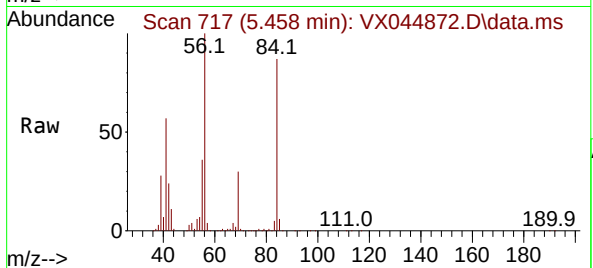
85 64.3 52.1 78.1





#31
Cyclohexane
Concen: 97.426 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

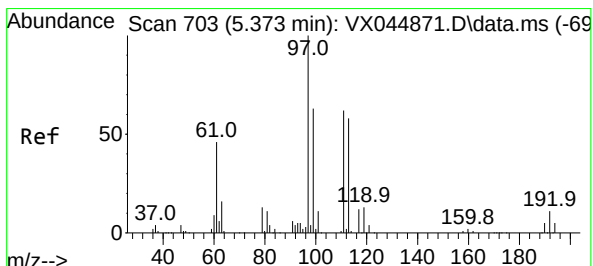
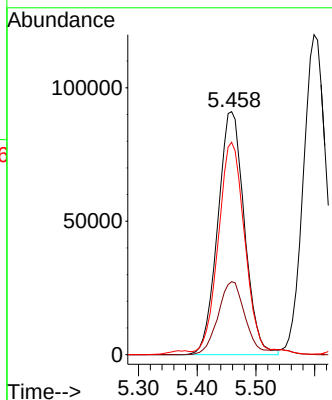
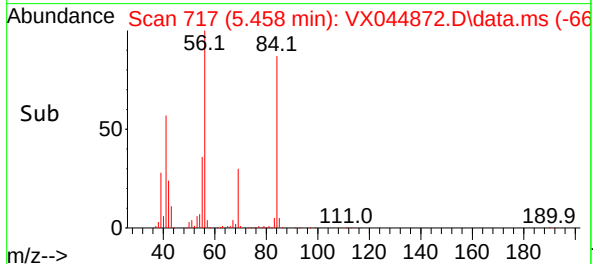
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



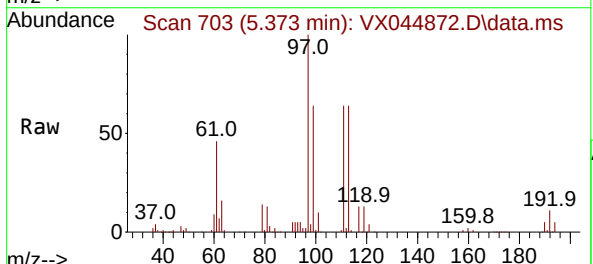
Tgt Ion: 56 Resp: 286830
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 85.7 69.0 103.6

Manual Integrations
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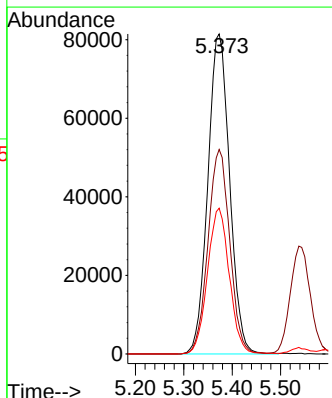
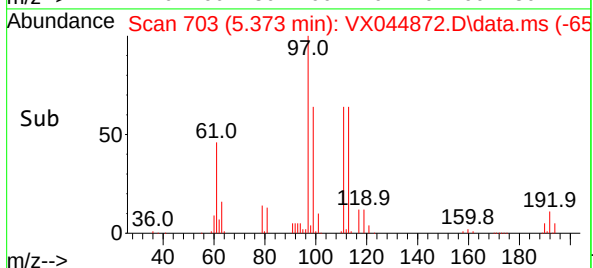
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

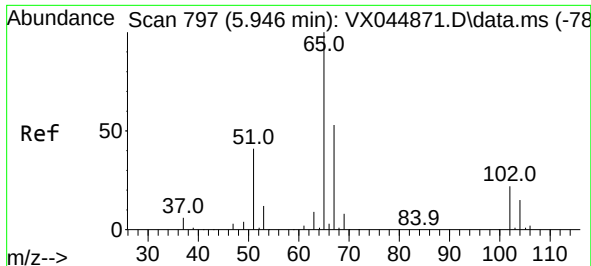


#32
1,1,1-Trichloroethane
Concen: 97.050 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



Tgt Ion: 97 Resp: 254941
Ion Ratio Lower Upper
97 100
99 63.8 51.0 76.6
61 45.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 96.580 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 18309

Ion Ratio Lower Upper

65 100

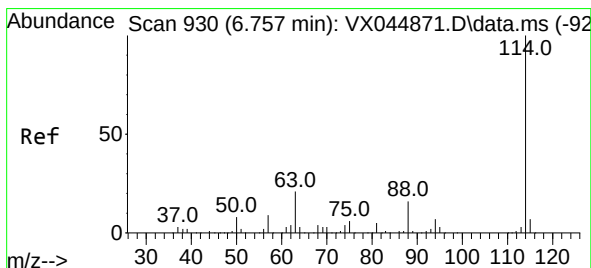
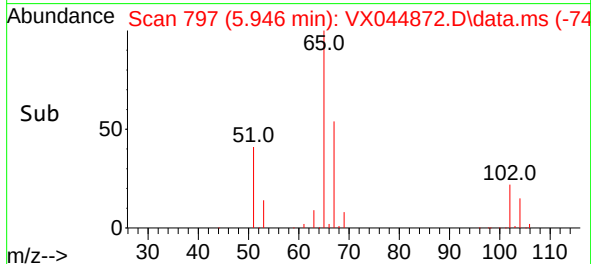
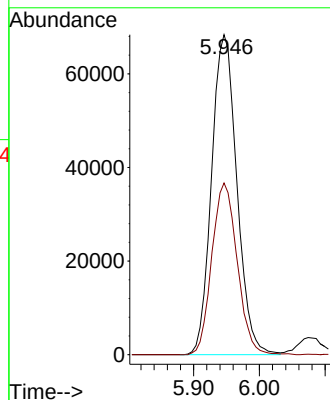
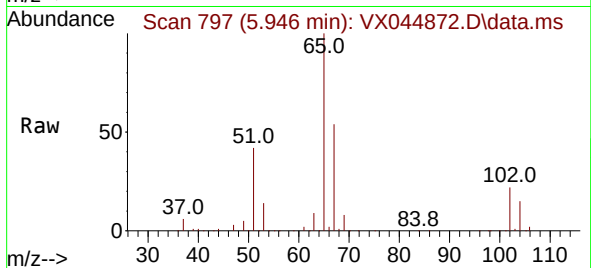
67 53.8 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

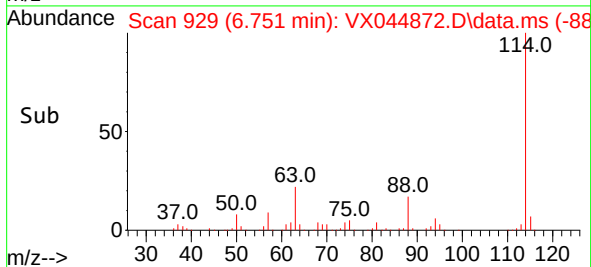
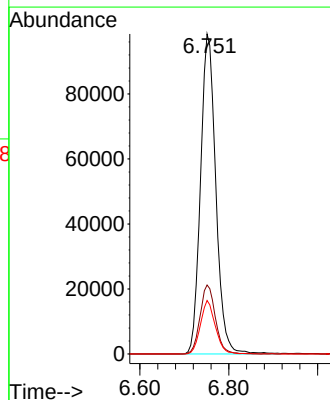
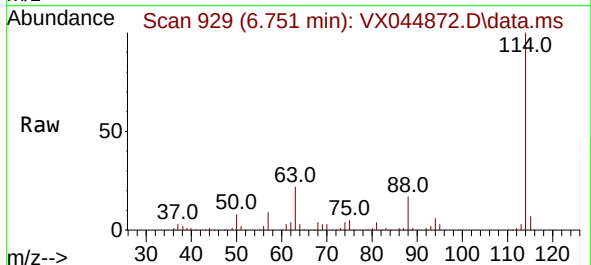
Tgt Ion:114 Resp: 236372

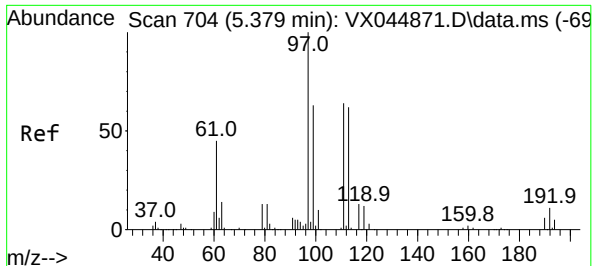
Ion Ratio Lower Upper

114 100

63 21.6 0.0 42.4

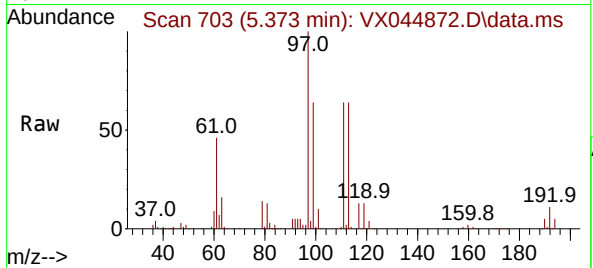
88 16.7 0.0 31.4





#35
Dibromofluoromethane
Concen: 98.404 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

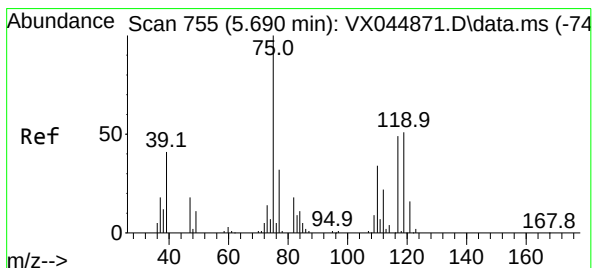
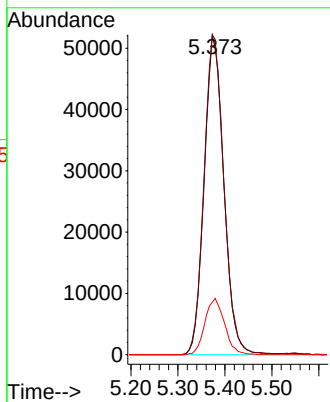
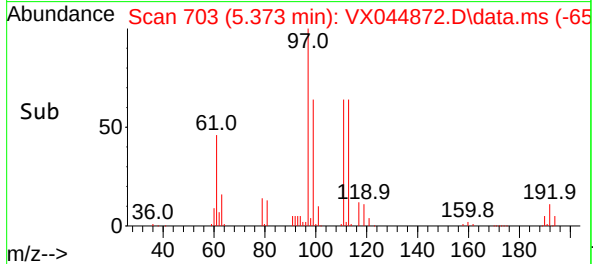
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



Tgt Ion:113 Resp: 151228
Ion Ratio Lower Upper
113 100
111 101.6 83.5 125.3
192 17.6 14.4 21.6

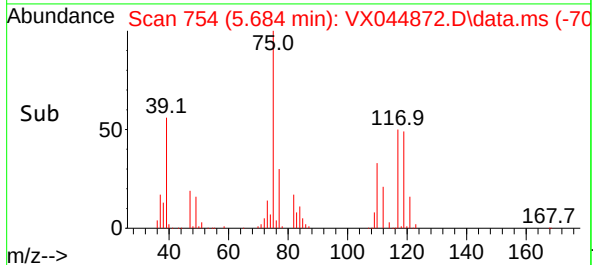
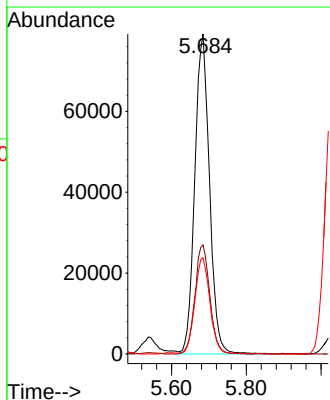
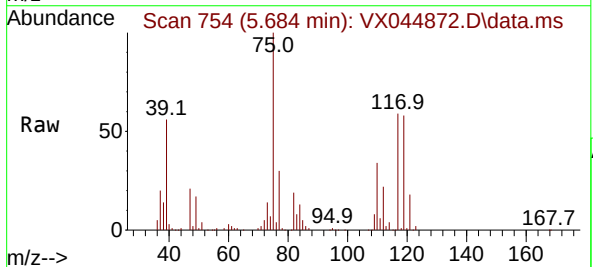
Manual Integrations
APPROVED

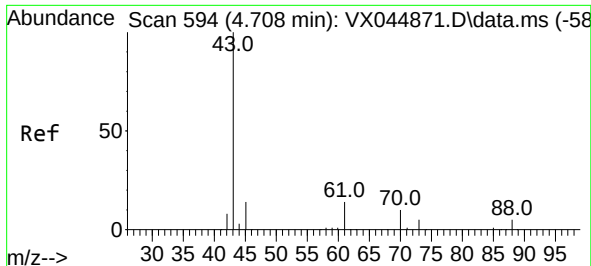
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#36
1,1-Dichloropropene
Concen: 97.422 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

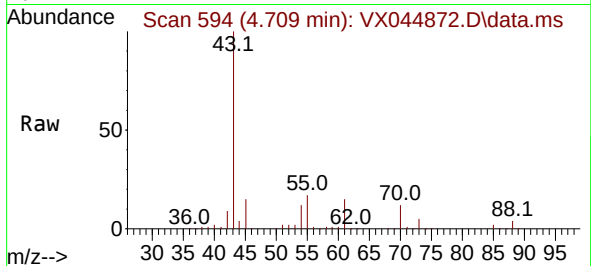
Tgt Ion: 75 Resp: 216005
Ion Ratio Lower Upper
75 100
110 34.4 17.2 51.6
77 30.9 24.6 37.0





#37
Ethyl Acetate
Concen: 99.005 ug/l
RT: 4.709 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

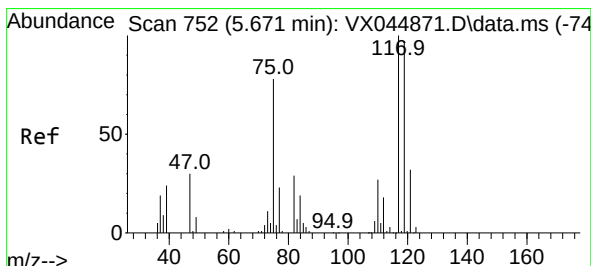
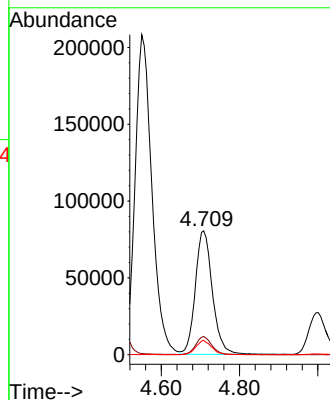
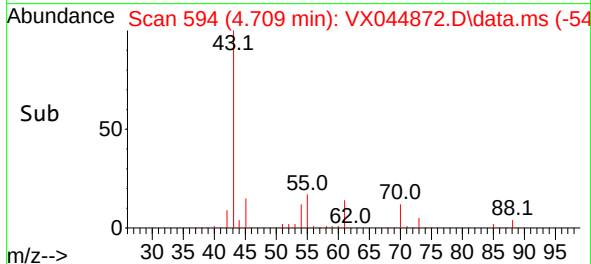
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 244164
Ion Ratio Lower Upper
43 100
61 14.0 11.0 16.4
70 10.6 8.2 12.2

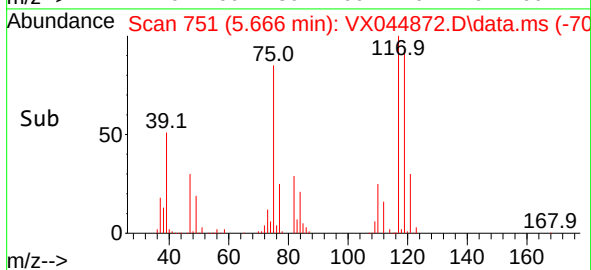
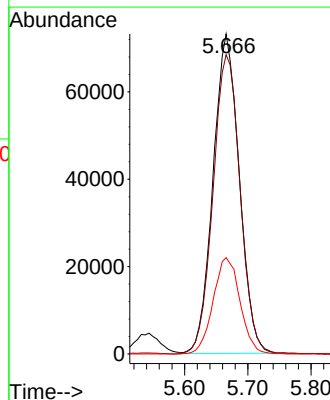
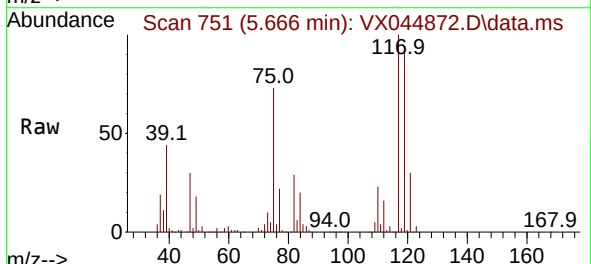
Manual Integrations
APPROVED

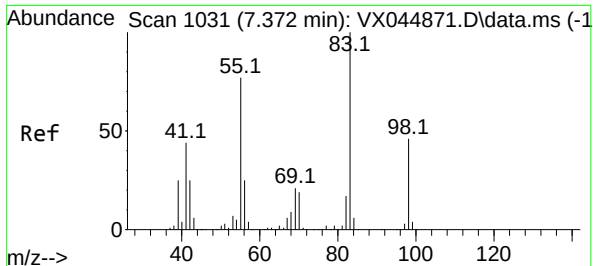
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#38
Carbon Tetrachloride
Concen: 96.828 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion:117 Resp: 210381
Ion Ratio Lower Upper
117 100
119 93.6 77.5 116.3
121 30.2 25.6 38.4





#39

Methylcyclohexane

Concen: 104.554 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 299700

Ion Ratio Lower Upper

83 100

55 78.5 61.3 91.9

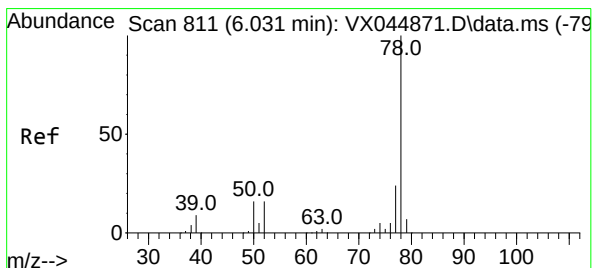
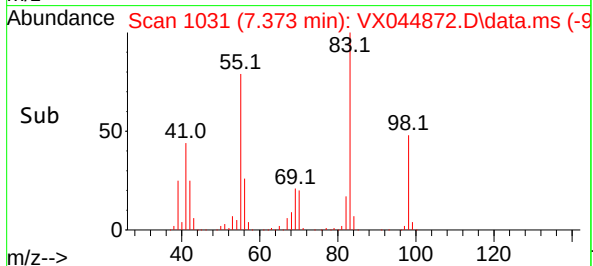
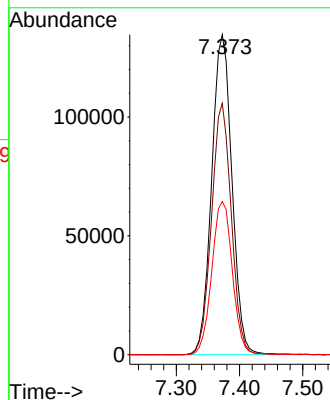
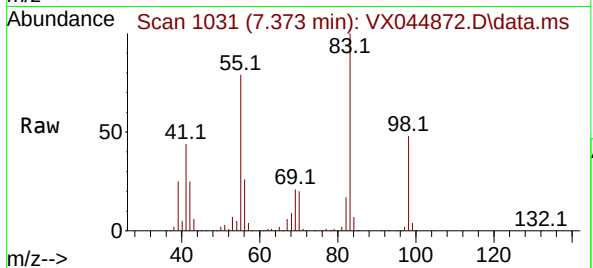
98 47.8 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#40

Benzene

Concen: 97.576 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX044872.D

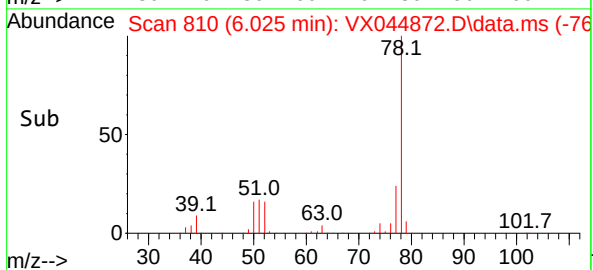
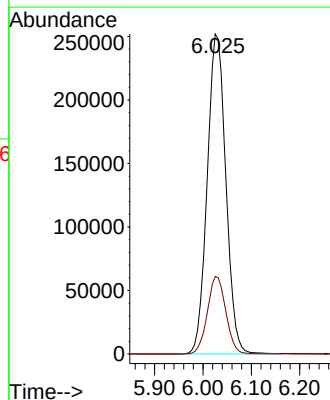
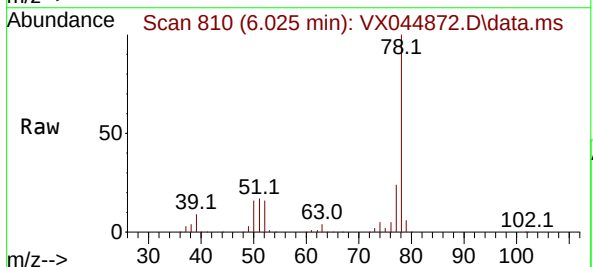
Acq: 10 Feb 2025 12:05

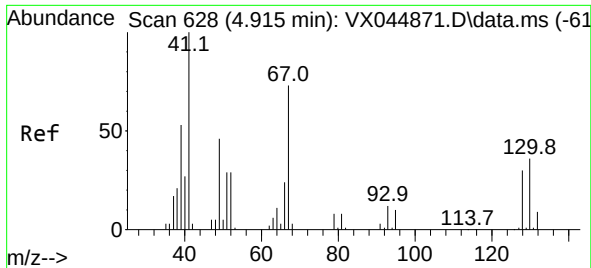
Tgt Ion: 78 Resp: 675556

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6





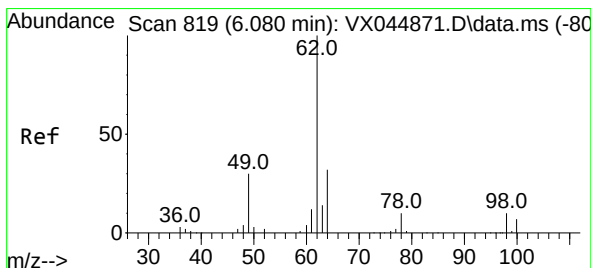
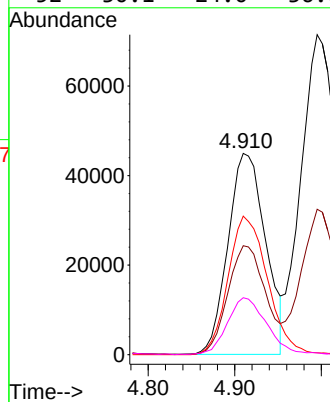
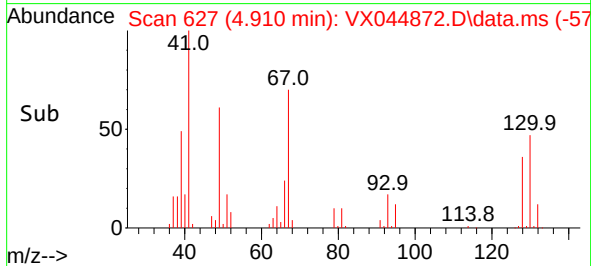
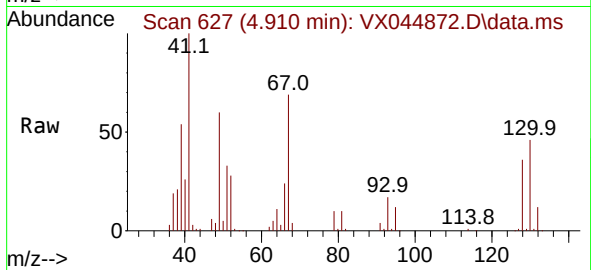
#41
Methacrylonitrile
Concen: 102.745 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 135629
Ion Ratio Lower Upper
41 100
39 53.9 43.1 64.7
67 72.4 57.0 85.6
52 30.1 24.0 36.0

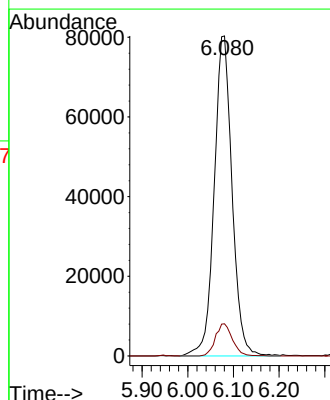
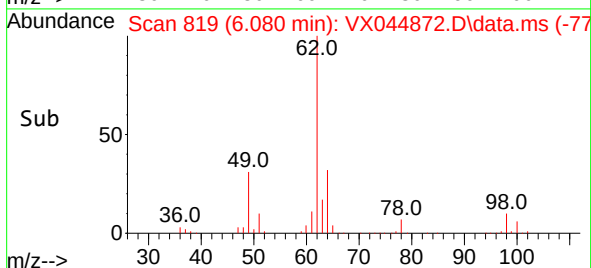
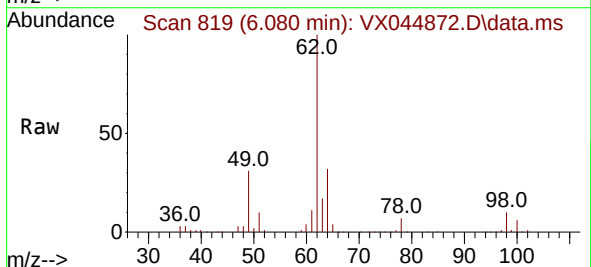
Manual Integrations
APPROVED

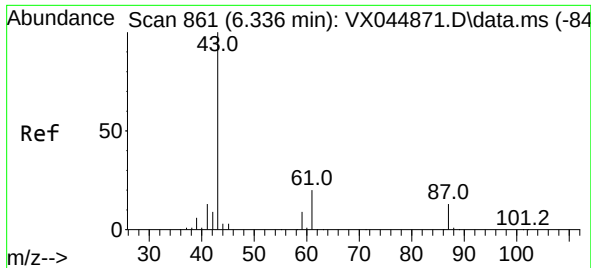
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#42
1,2-Dichloroethane
Concen: 98.875 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

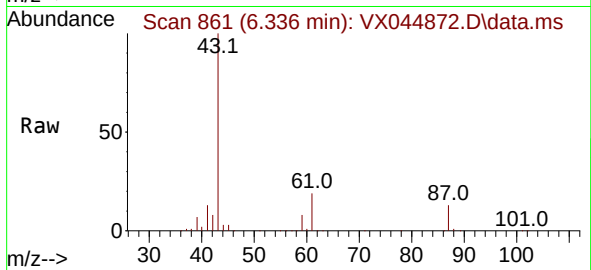
Tgt Ion: 62 Resp: 218174
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 101.818 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

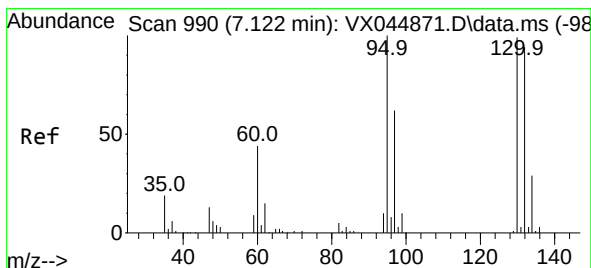
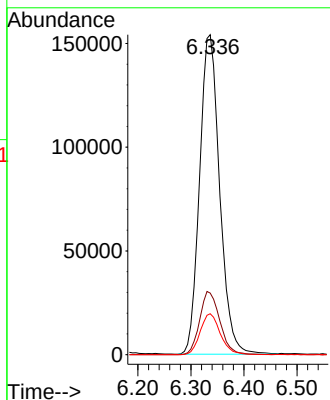
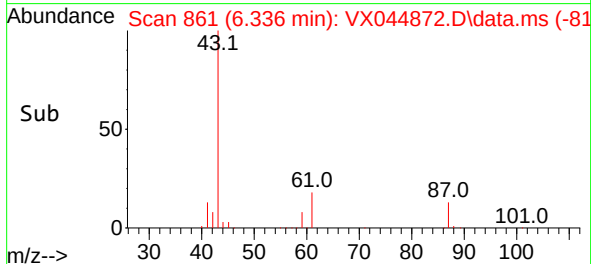
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



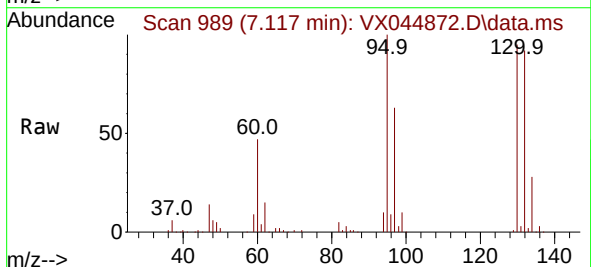
Tgt Ion: 43 Resp: 405489
Ion Ratio Lower Upper
43 100
61 19.9 15.8 23.8
87 12.8 10.0 15.0

Manual Integrations
APPROVED

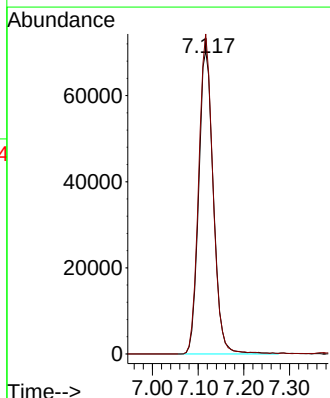
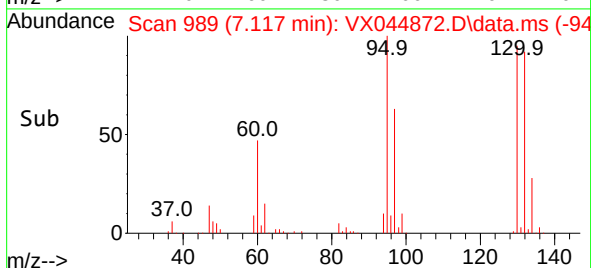
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

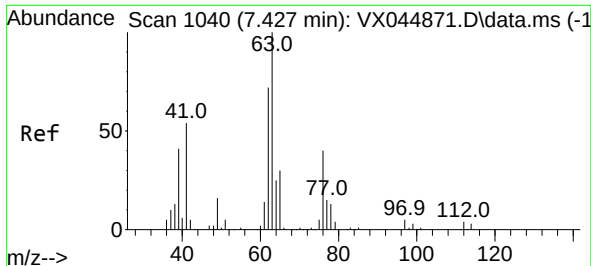


#44
Trichloroethene
Concen: 99.103 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



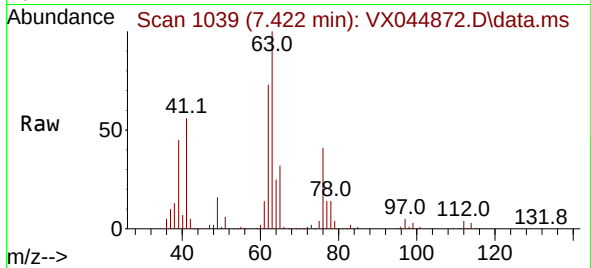
Tgt Ion:130 Resp: 156832
Ion Ratio Lower Upper
130 100
95 105.4 0.0 202.4





#45
1,2-Dichloropropane
Concen: 98.893 ug/l
RT: 7.422 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

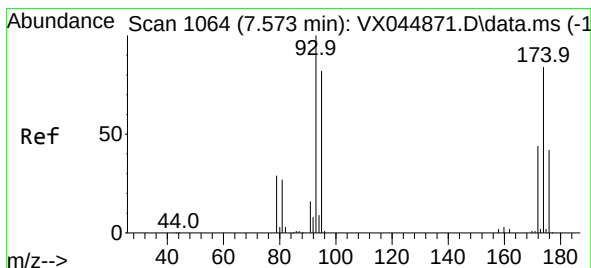
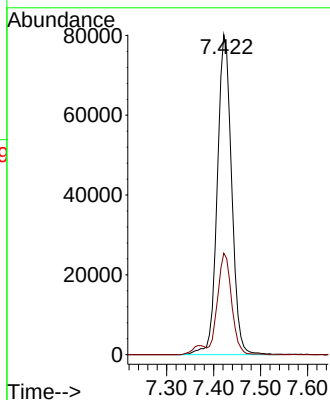
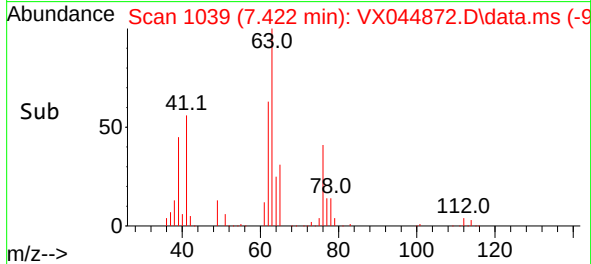
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 63 Resp: 17033
Ion Ratio Lower Upper
63 100
65 31.7 24.2 36.4

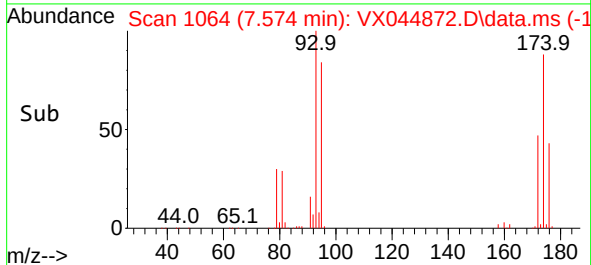
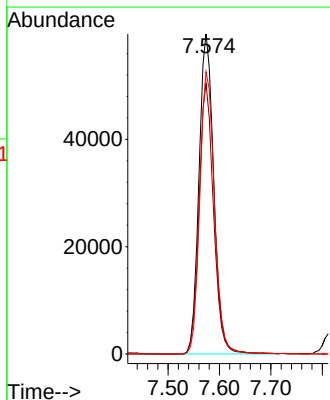
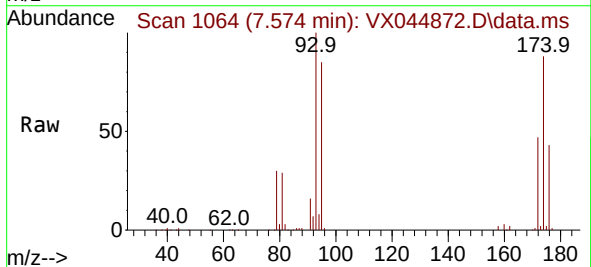
Manual Integrations
APPROVED

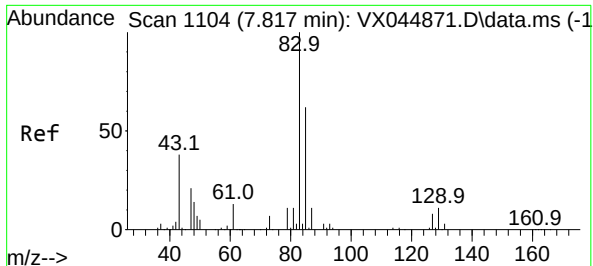
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#46
Dibromomethane
Concen: 99.747 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

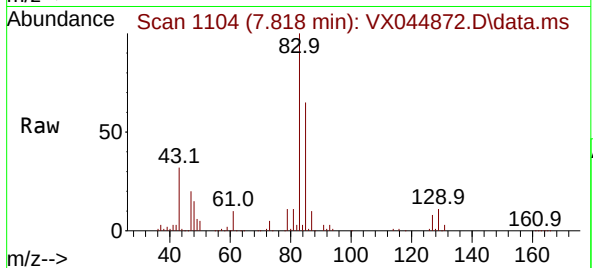
Tgt Ion: 93 Resp: 119149
Ion Ratio Lower Upper
93 100
95 82.7 66.2 99.4
174 88.1 69.9 104.9





#47
Bromodichloromethane
Concen: 102.254 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

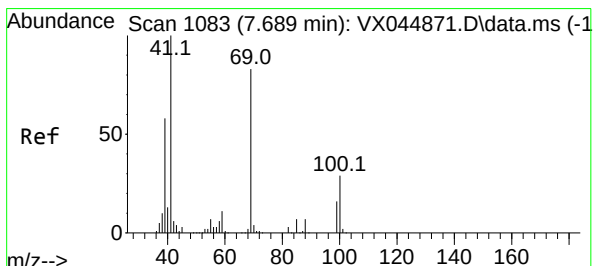
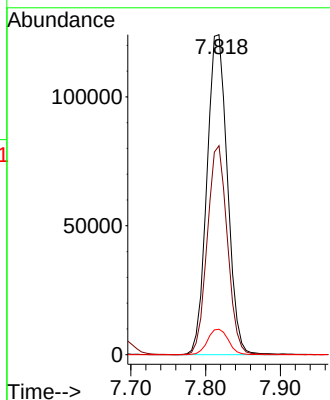
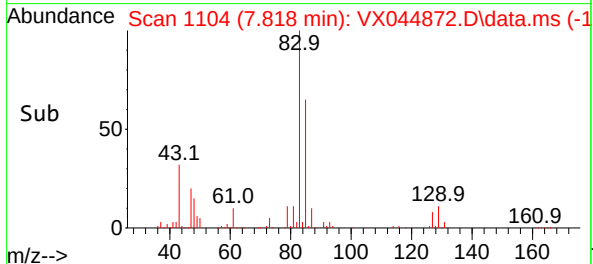
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



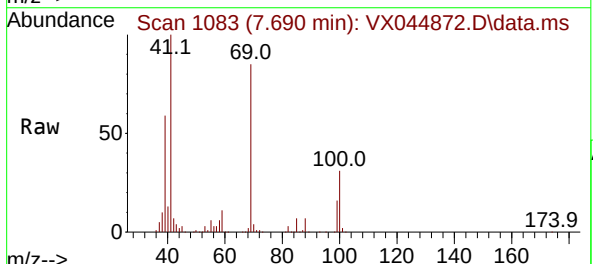
Tgt Ion: 83 Resp: 236500
Ion Ratio Lower Upper
83 100
85 65.3 50.0 75.0
127 8.0 6.4 9.6

Manual Integrations
APPROVED

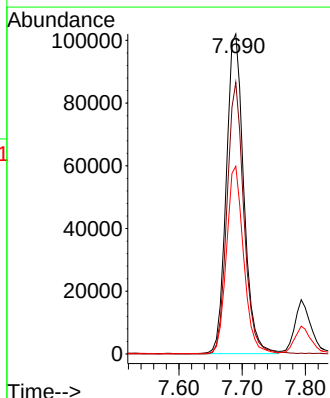
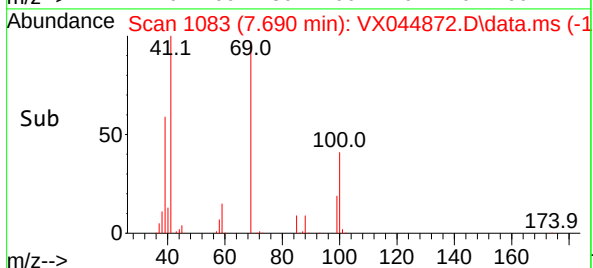
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

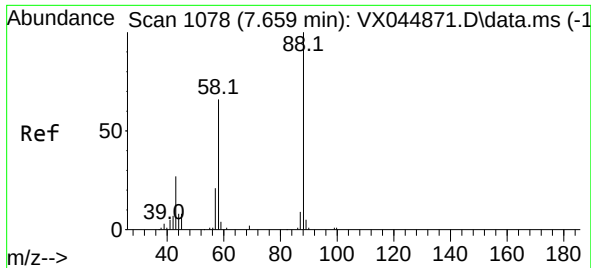


#48
Methyl methacrylate
Concen: 104.321 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



Tgt Ion: 41 Resp: 195892
Ion Ratio Lower Upper
41 100
69 82.1 65.8 98.8
39 57.3 46.4 69.6





#49

1,4-Dioxane

Concen: 1931.508 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 88 Resp: 77810

Ion Ratio Lower Upper

88 100

43 31.8 26.6 39.8

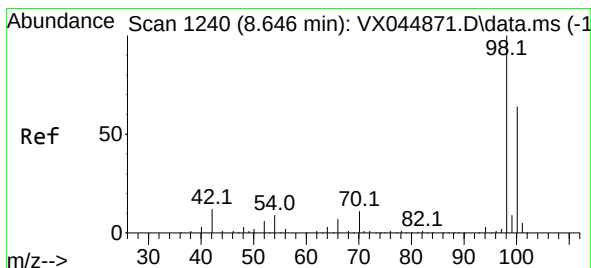
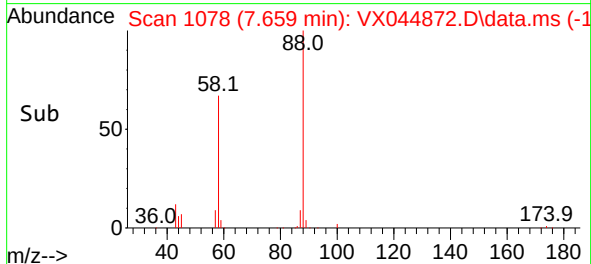
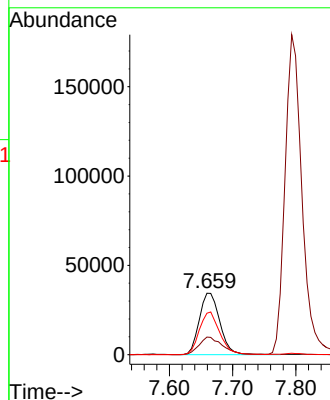
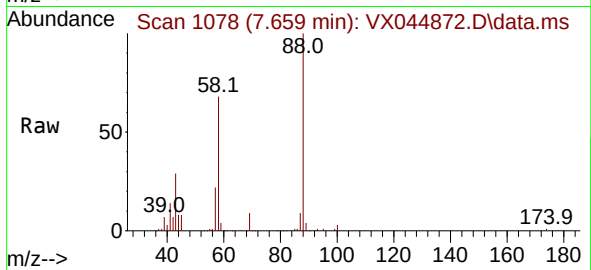
58 68.9 55.9 83.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#50

Toluene-d8

Concen: 98.253 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX044872.D

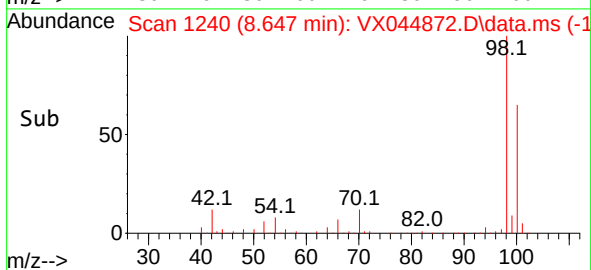
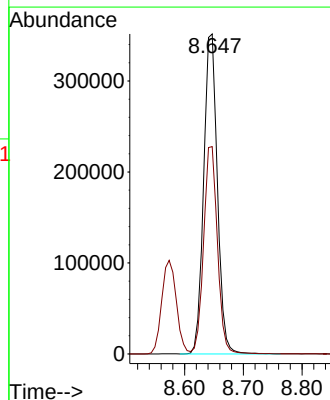
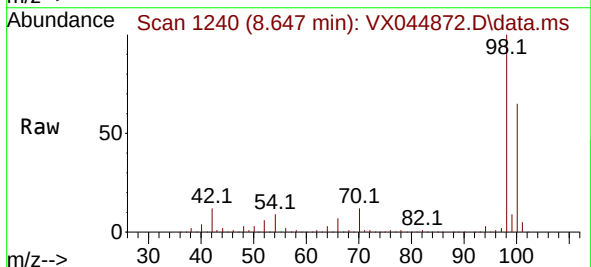
Acq: 10 Feb 2025 12:05

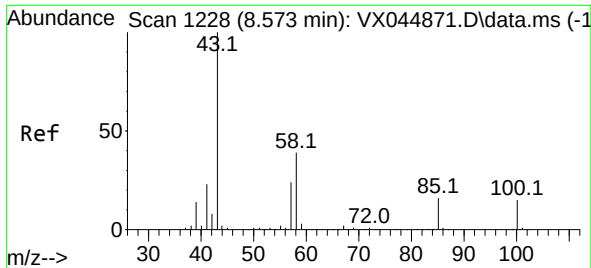
Tgt Ion: 98 Resp: 570976

Ion Ratio Lower Upper

98 100

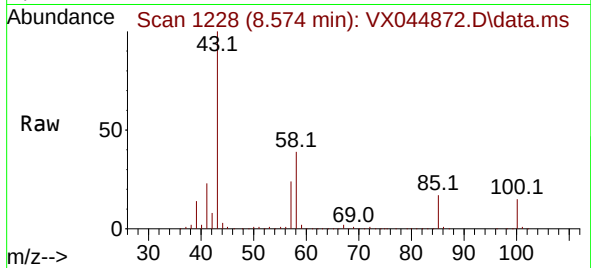
100 65.2 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 494.353 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

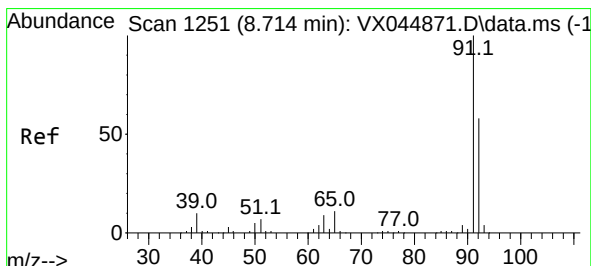
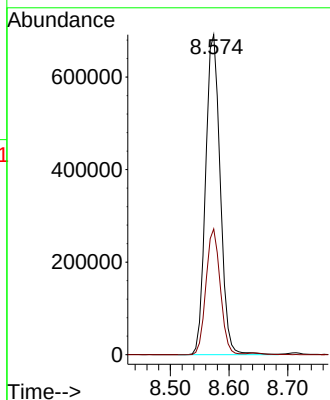
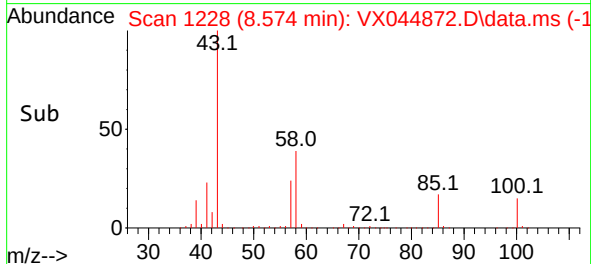
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



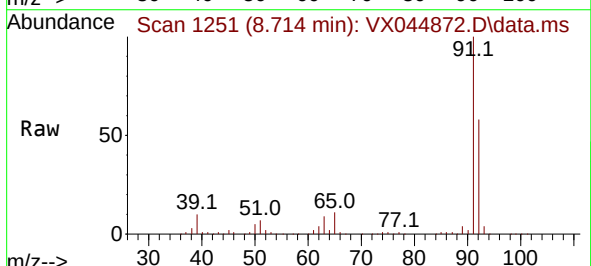
Tgt Ion: 43 Resp: 119688
Ion Ratio Lower Upper
43 100
58 38.4 30.8 46.2

Manual Integrations
APPROVED

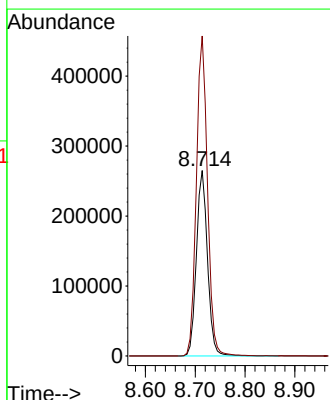
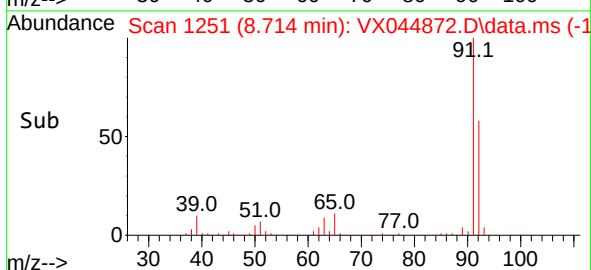
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

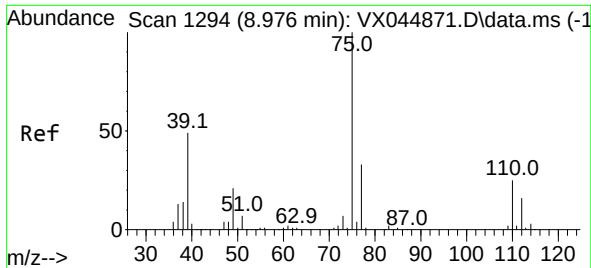


#52
Toluene
Concen: 99.270 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



Tgt Ion: 92 Resp: 409318
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.2





#53
 t-1,3-Dichloropropene
 Concen: 106.694 ug/l
 RT: 8.970 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

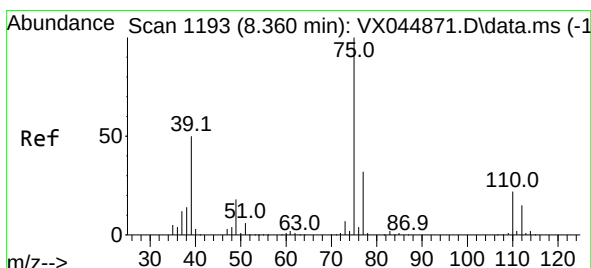
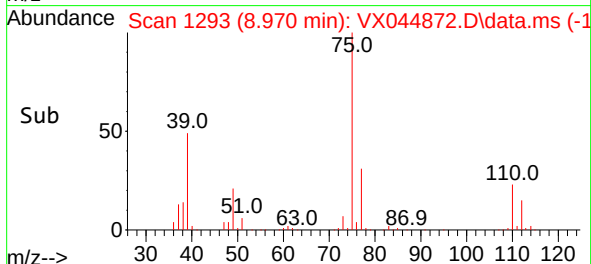
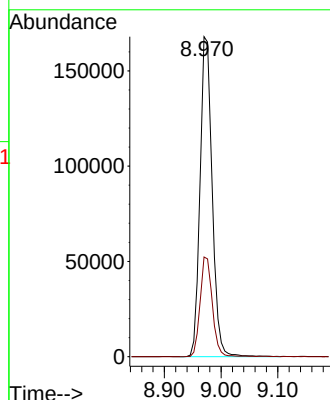
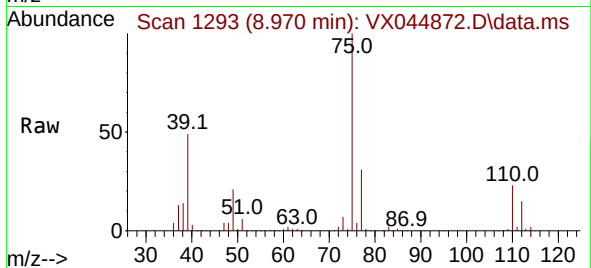
VSTDICC100

Tgt Ion: 75 Resp: 249725
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.0 39.0

Manual Integrations

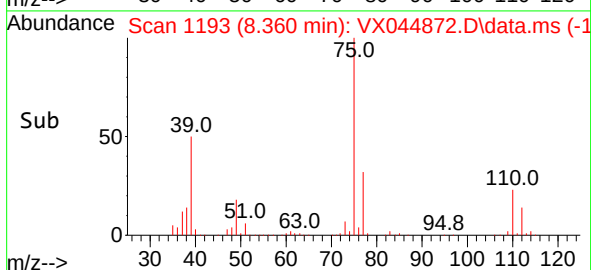
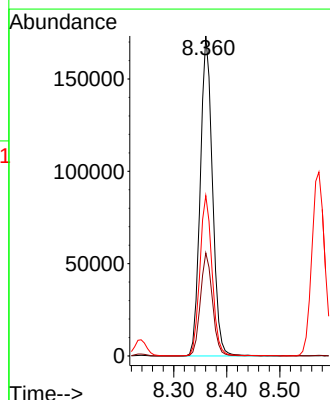
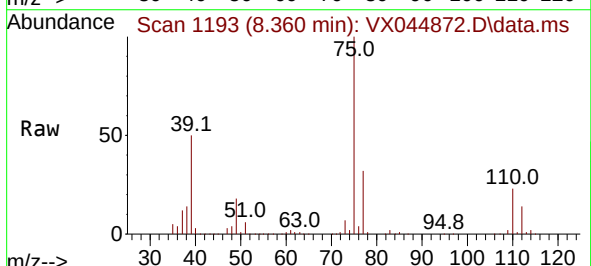
APPROVED

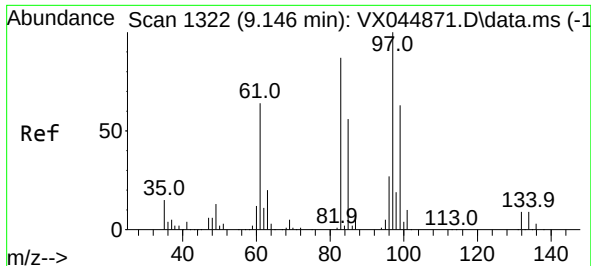
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#54
 cis-1,3-Dichloropropene
 Concen: 106.287 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

Tgt Ion: 75 Resp: 277371
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 50.1 40.0 60.0





#55

1,1,2-Trichloroethane

Concen: 98.817 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 97 Resp: 156629

Ion Ratio Lower Upper

97 100

83 88.0 69.8 104.6

85 56.2 44.8 67.2

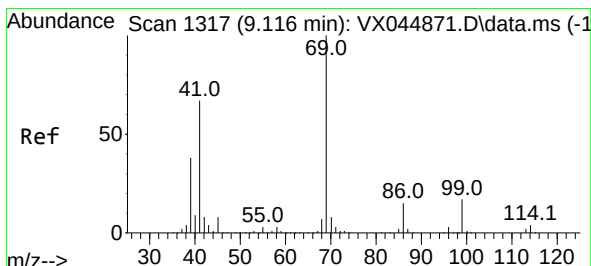
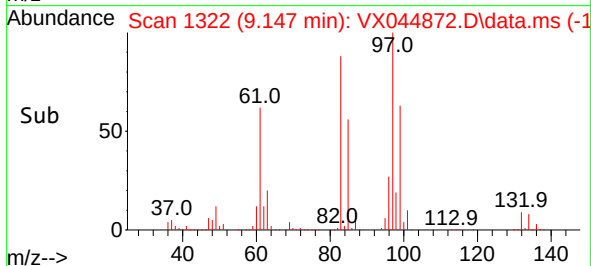
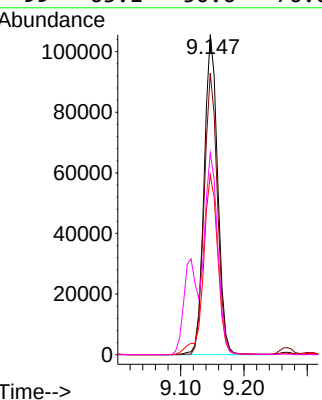
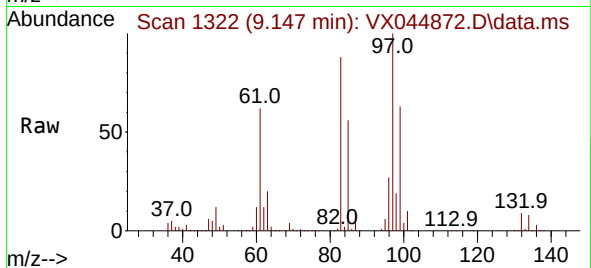
99 63.1 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#56

Ethyl methacrylate

Concen: 104.958 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

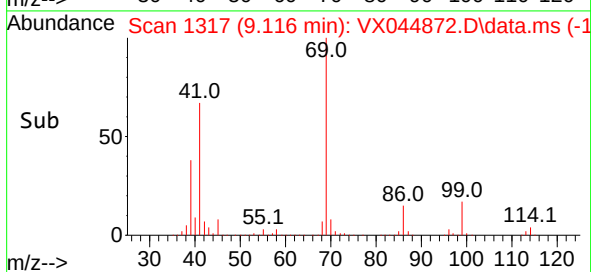
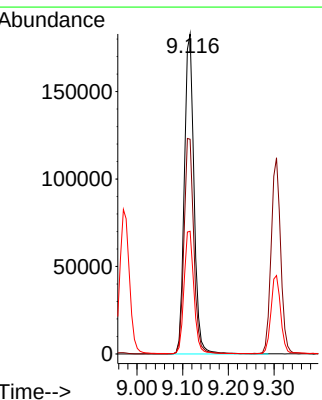
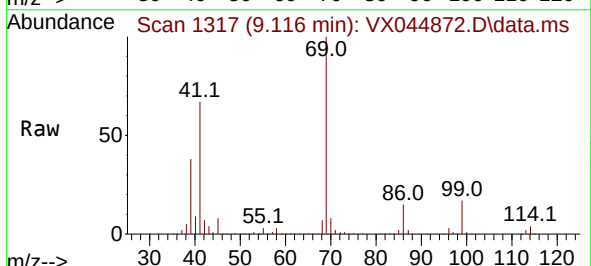
Tgt Ion: 69 Resp: 268693

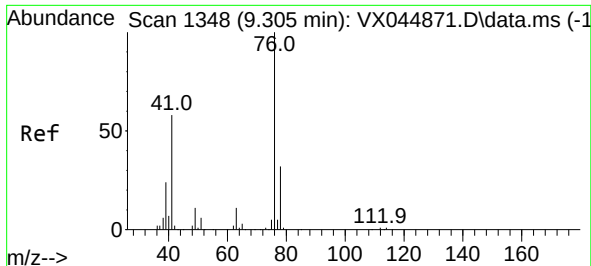
Ion Ratio Lower Upper

69 100

41 68.0 55.2 82.8

39 39.2 30.8 46.2





#57

1,3-Dichloropropane

Concen: 98.742 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 27384

Ion Ratio Lower Upper

76 100

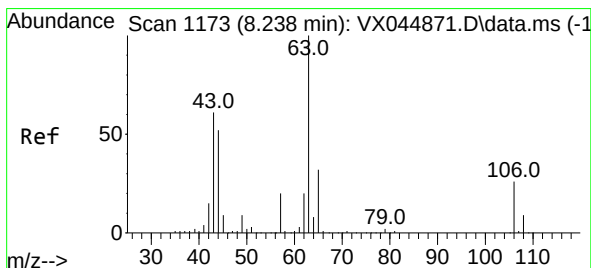
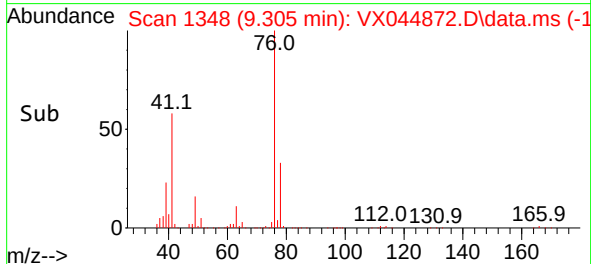
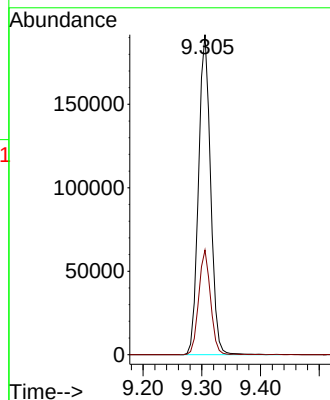
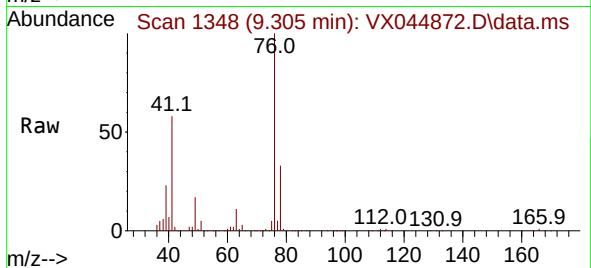
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#58

2-Chloroethyl Vinyl ether

Concen: 528.405 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044872.D

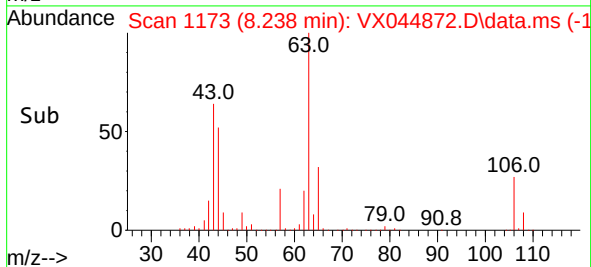
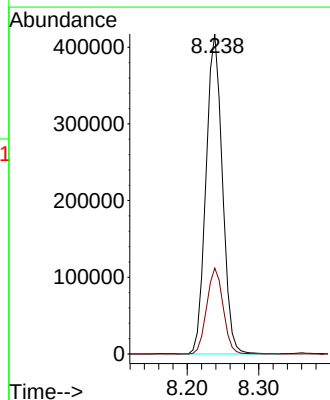
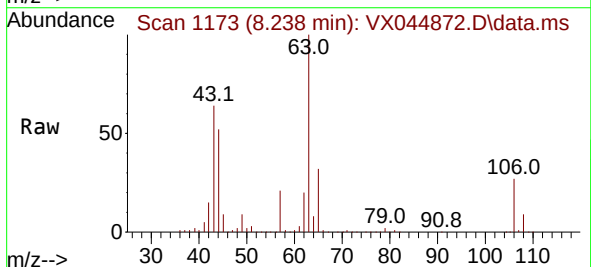
Acq: 10 Feb 2025 12:05

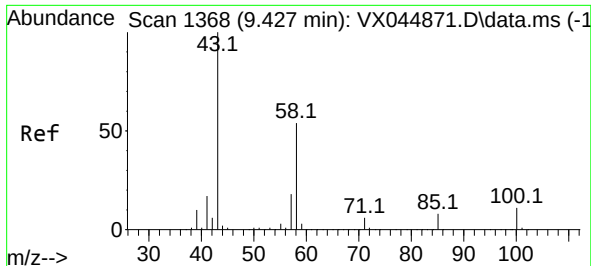
Tgt Ion: 63 Resp: 664198

Ion Ratio Lower Upper

63 100

106 26.8 21.3 31.9





#59

2-Hexanone

Concen: 499.819 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 871904

Ion Ratio Lower Upper

43 100

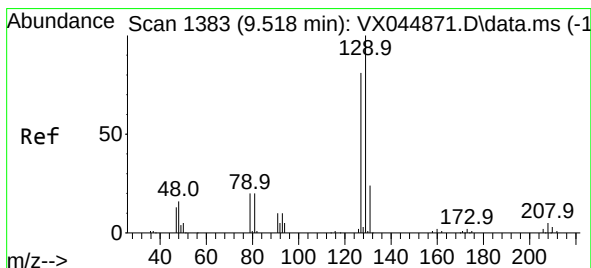
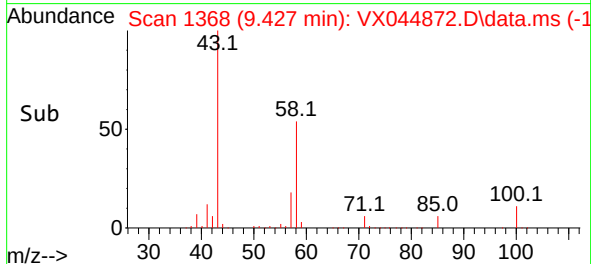
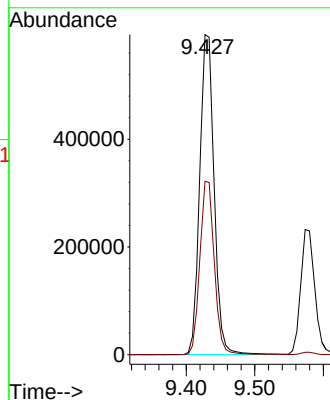
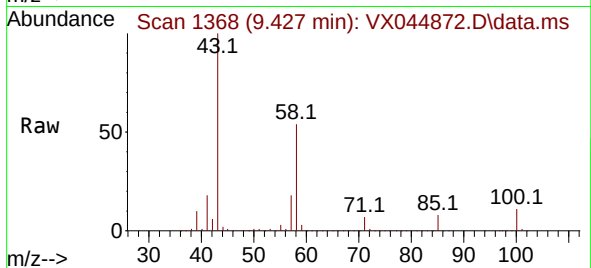
58 54.4 27.5 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#60

Dibromochloromethane

Concen: 102.557 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044872.D

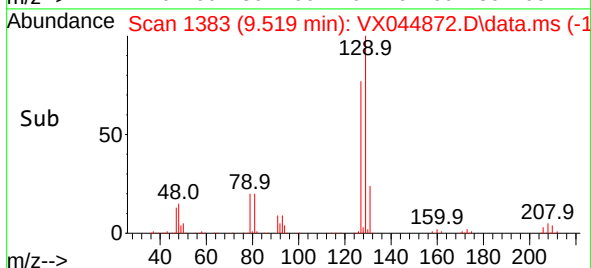
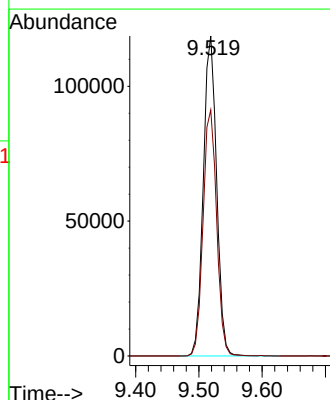
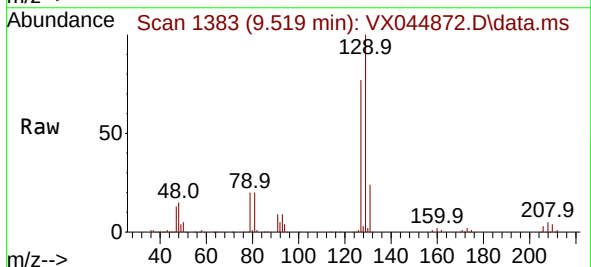
Acq: 10 Feb 2025 12:05

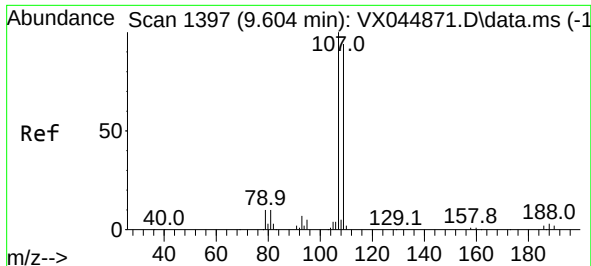
Tgt Ion:129 Resp: 173848

Ion Ratio Lower Upper

129 100

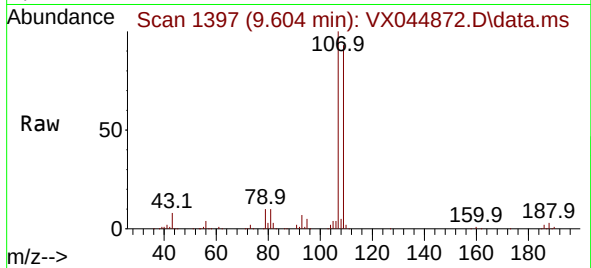
127 78.3 39.1 117.3





#61
1,2-Dibromoethane
Concen: 101.451 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

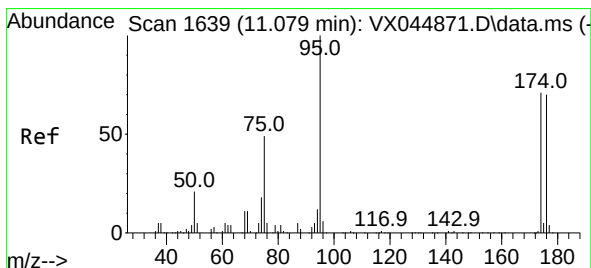
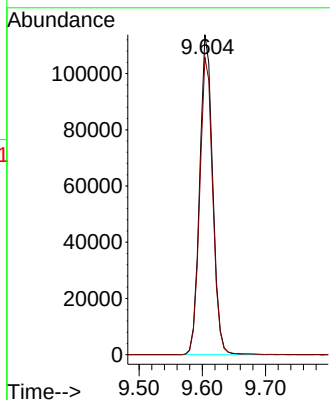
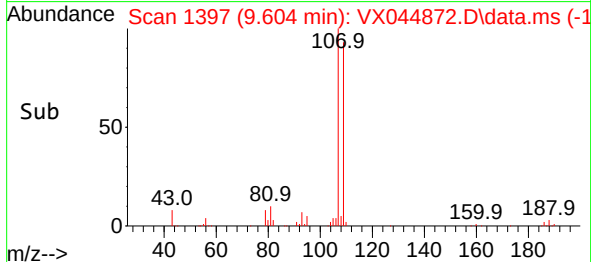
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:107 Resp: 16298
Ion Ratio Lower Upper
107 100
109 93.1 75.9 113.9

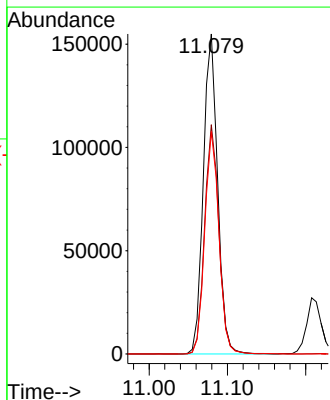
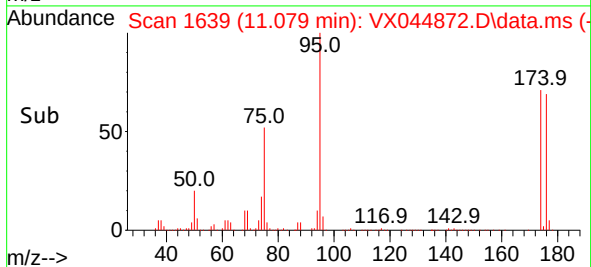
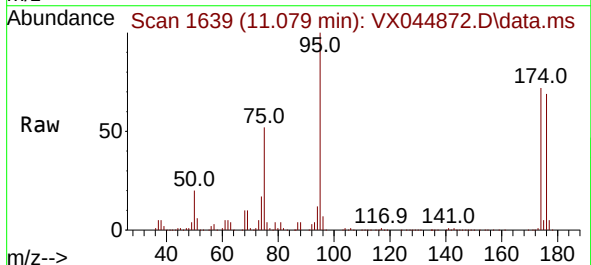
Manual Integrations
APPROVED

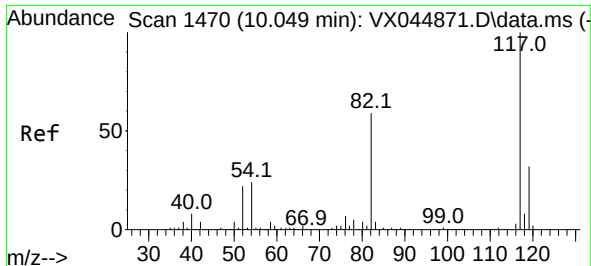
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#62
4-Bromofluorobenzene
Concen: 100.079 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

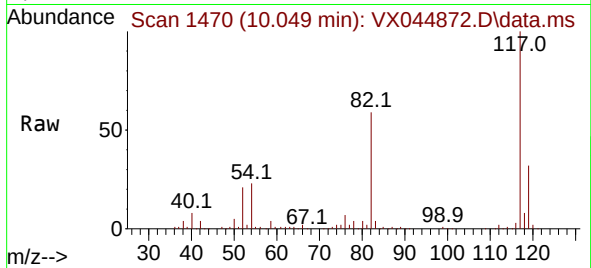
Tgt Ion: 95 Resp: 196066
Ion Ratio Lower Upper
95 100
174 71.6 0.0 142.6
176 68.8 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

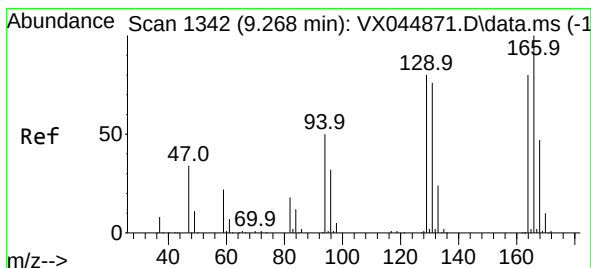
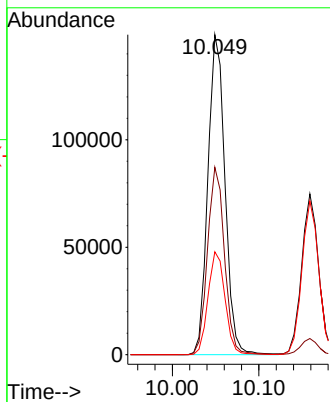
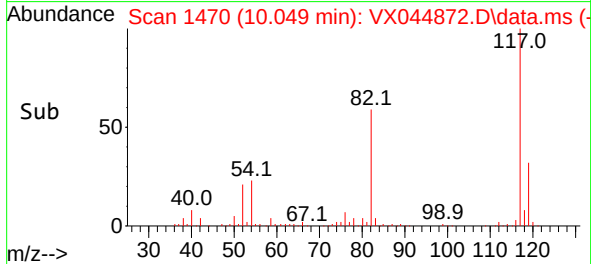
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 20388
Ion Ratio Lower Upper
117 100
82 58.5 47.5 71.3
119 32.2 25.4 38.0

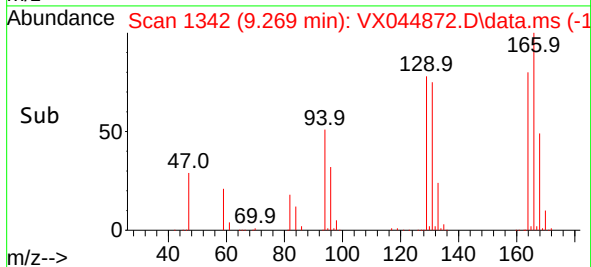
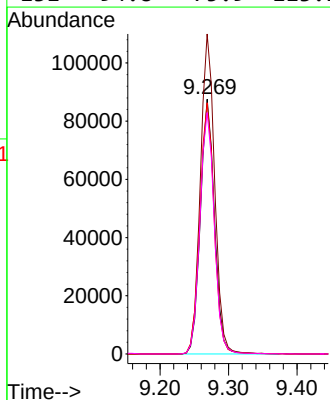
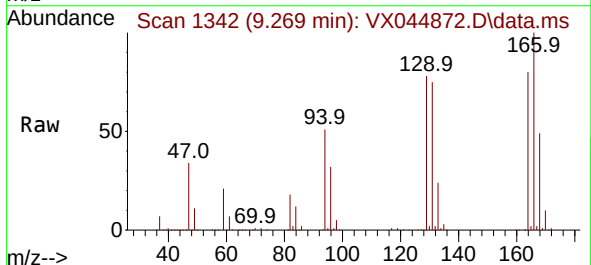
Manual Integrations
APPROVED

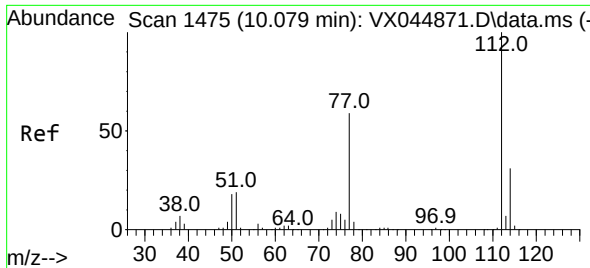
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#64
Tetrachloroethene
Concen: 97.447 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion:164 Resp: 125294
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 98.6 79.9 119.9
131 94.8 75.9 113.9





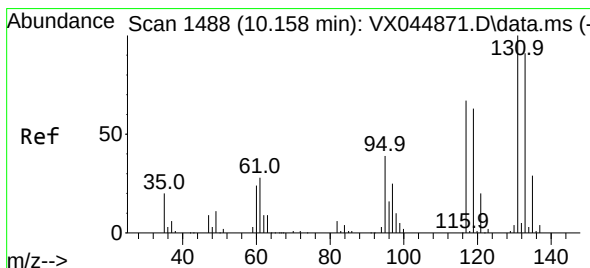
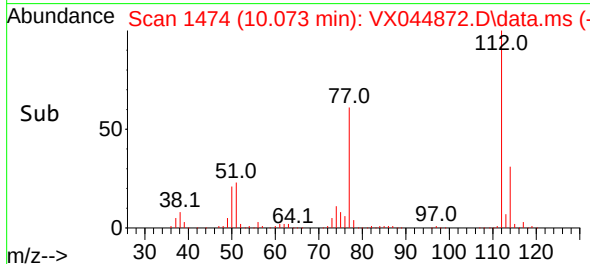
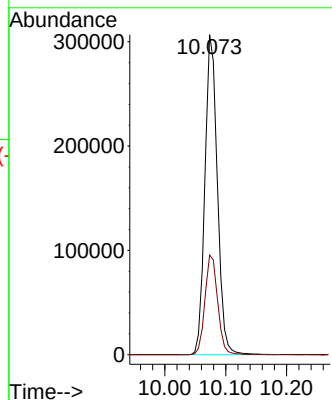
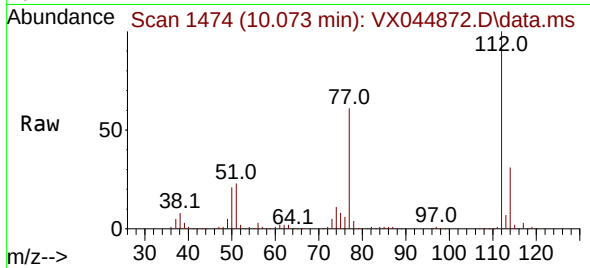
#65
Chlorobenzene
Concen: 99.694 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 43656
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.6

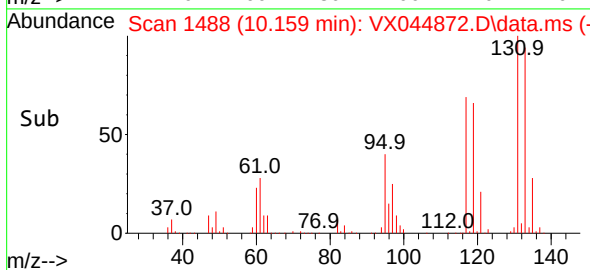
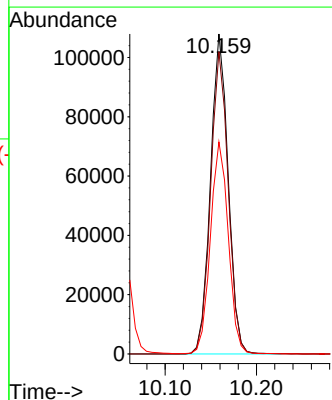
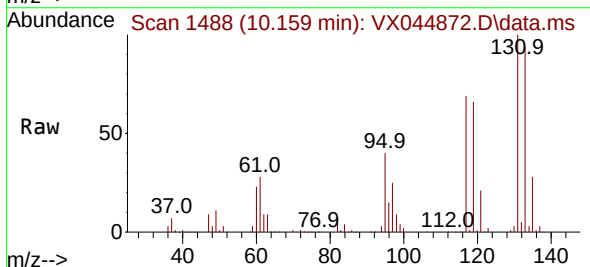
Manual Integrations
APPROVED

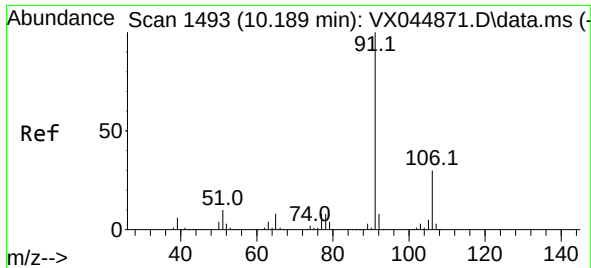
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 102.728 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

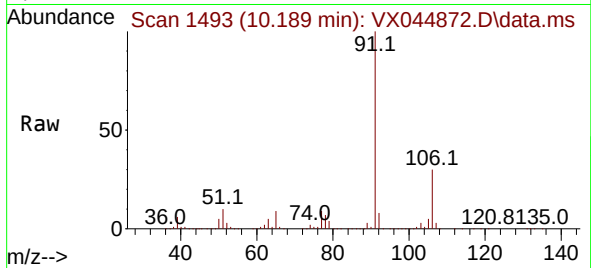
Tgt Ion:131 Resp: 144793
Ion Ratio Lower Upper
131 100
133 94.1 47.1 141.3
119 67.2 33.6 100.6





#67
Ethyl Benzene
Concen: 101.477 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

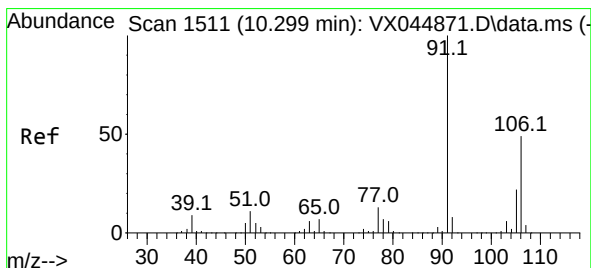
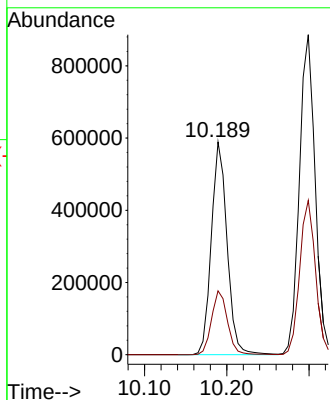
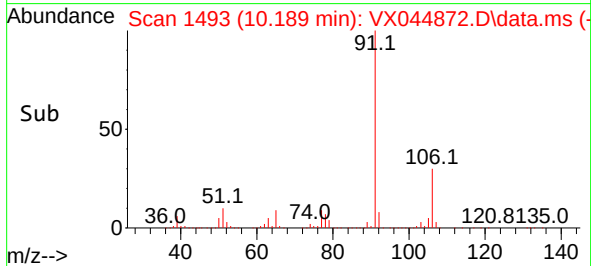
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 784184
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9

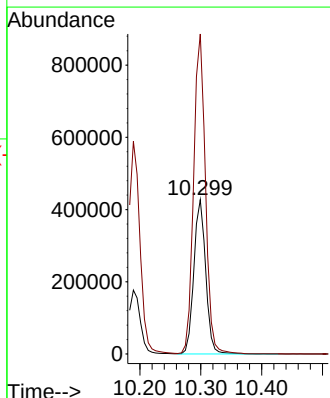
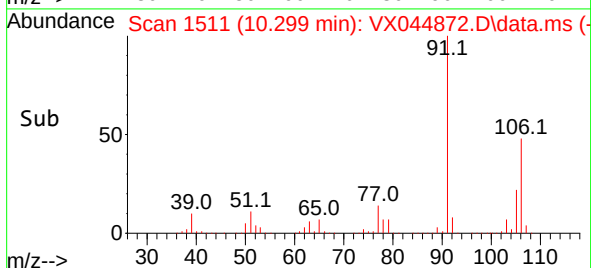
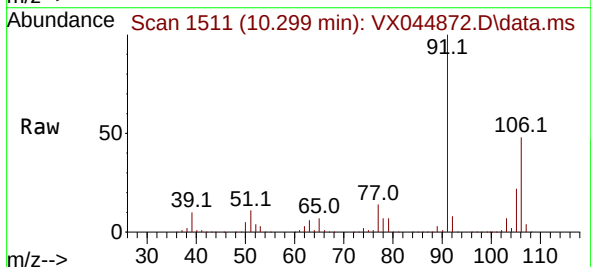
Manual Integrations
APPROVED

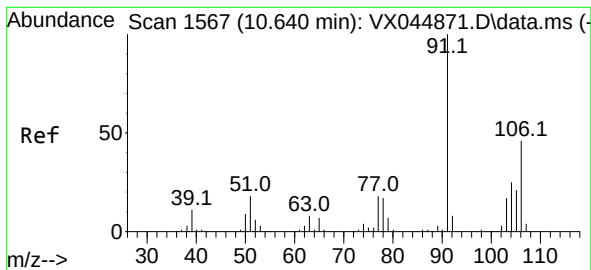
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#68
m/p-Xylenes
Concen: 201.907 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion:106 Resp: 575559
Ion Ratio Lower Upper
106 100
91 207.1 164.3 246.5





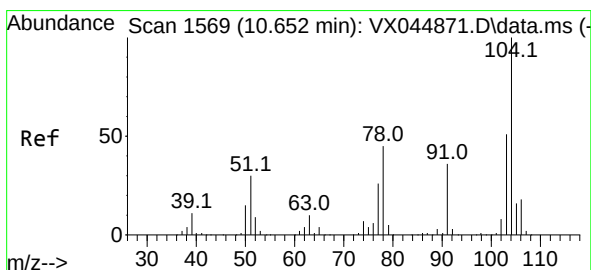
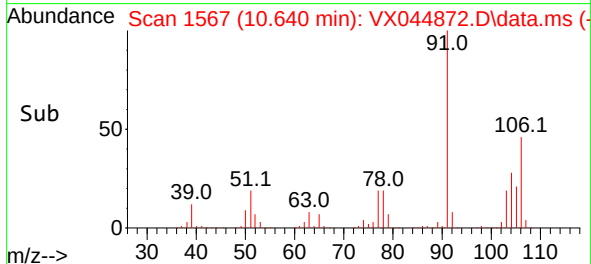
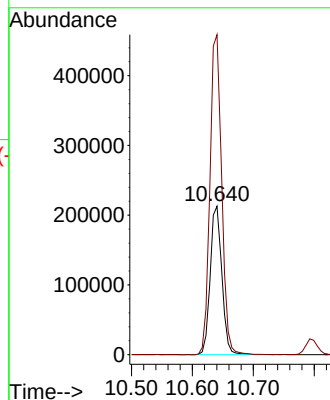
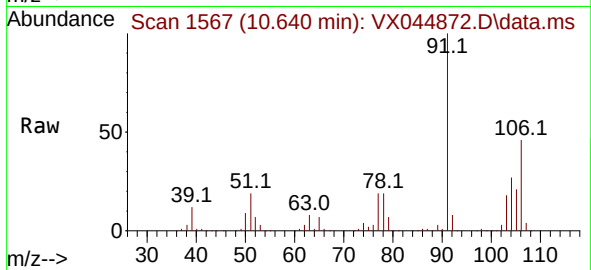
#69
o-Xylene
Concen: 98.530 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 281830
Ion Ratio Lower Upper
106 100
91 217.3 108.5 325.5

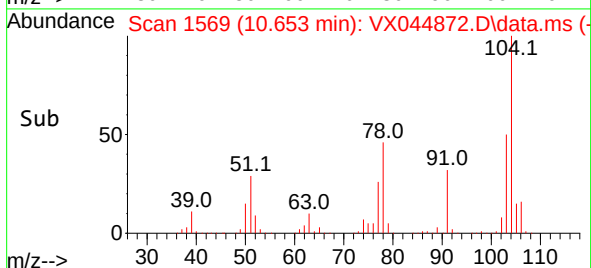
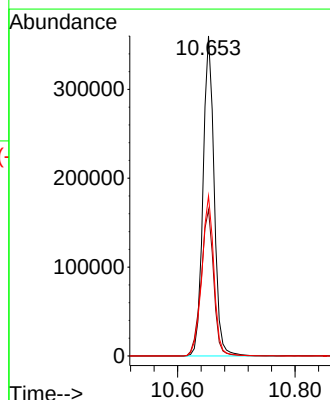
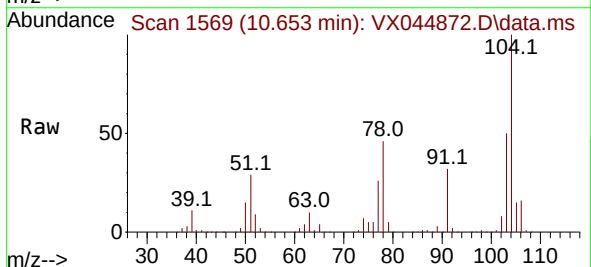
Manual Integrations
APPROVED

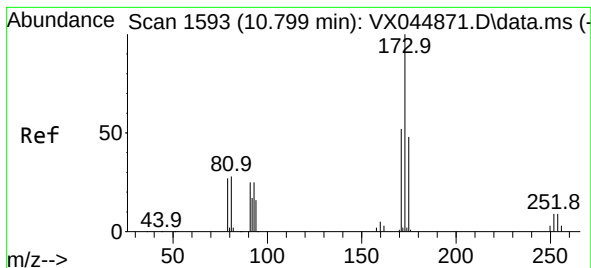
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#70
Styrene
Concen: 102.728 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

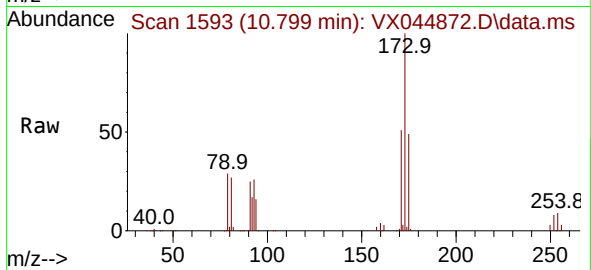
Tgt Ion:104 Resp: 473403
Ion Ratio Lower Upper
104 100
78 51.5 40.5 60.7
103 54.5 43.6 65.4





#71
Bromoform
Concen: 106.827 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

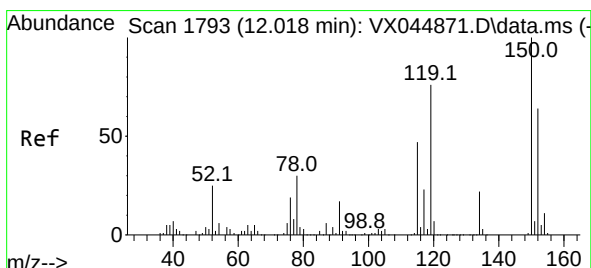
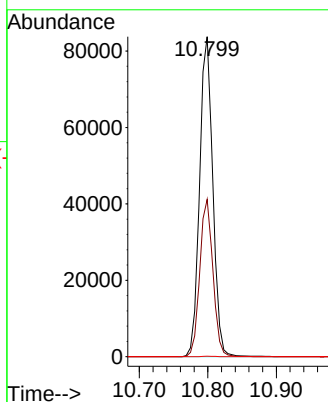
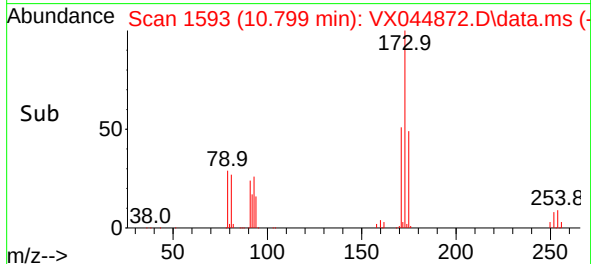
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



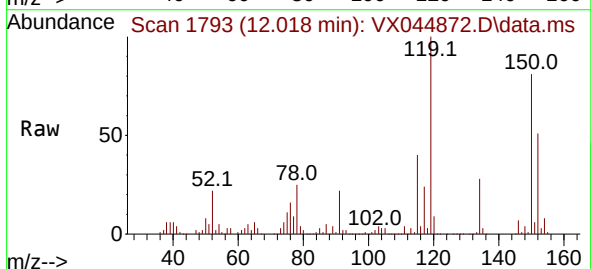
Tgt Ion:173 Resp: 11237
Ion Ratio Lower Upper
173 100
175 49.0 24.3 72.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

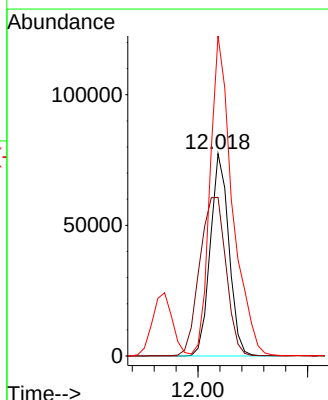
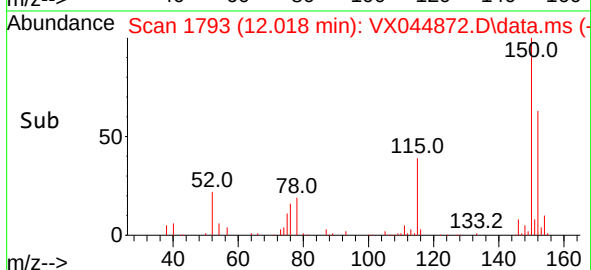
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

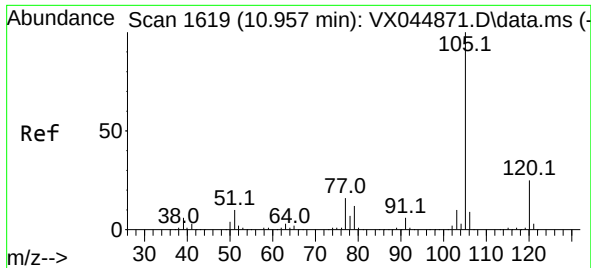


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



Tgt Ion:152 Resp: 91371
Ion Ratio Lower Upper
152 100
115 111.2 43.4 130.1
150 189.1 0.0 350.4





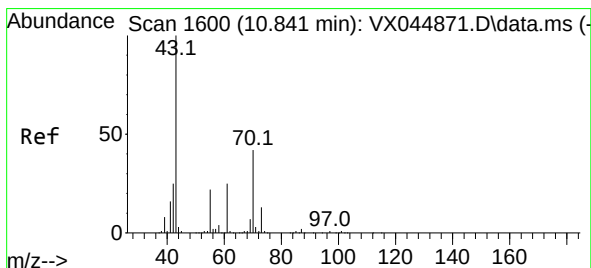
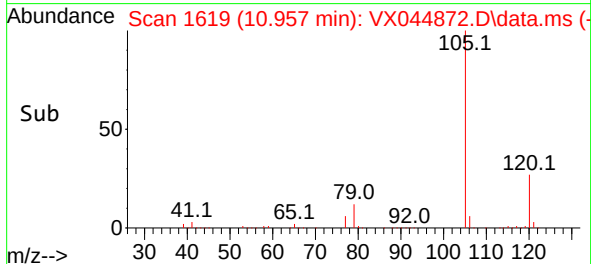
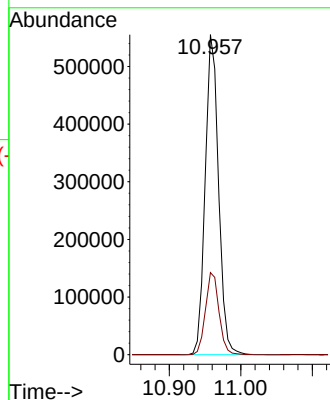
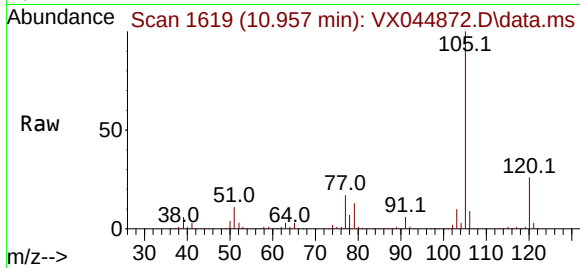
#73
Isopropylbenzene
Concen: 97.854 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 105 Resp: 719923
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5

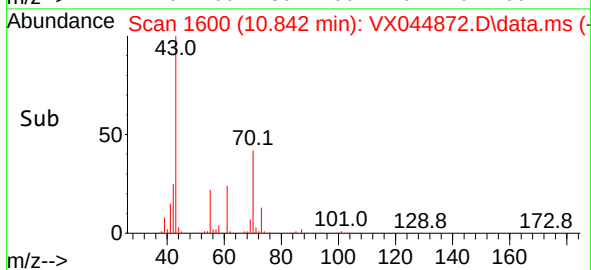
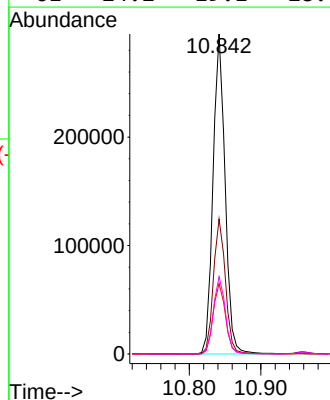
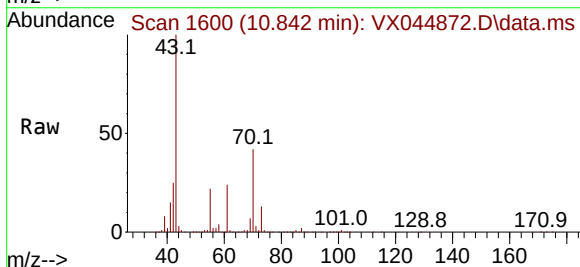
Manual Integrations
APPROVED

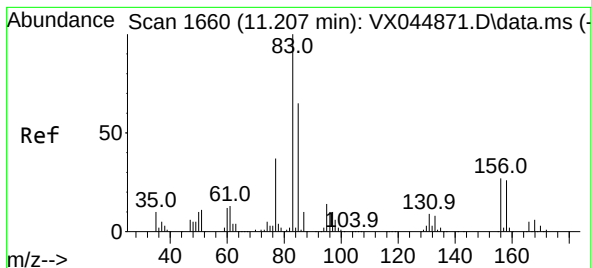
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#74
N-ethyl acetate
Concen: 103.687 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion: 43 Resp: 345193
Ion Ratio Lower Upper
43 100
70 42.4 33.7 50.5
55 22.6 18.6 27.8
61 24.2 19.1 28.7





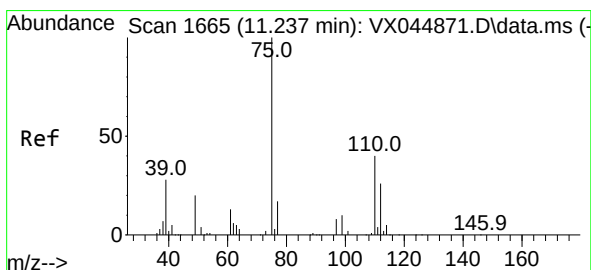
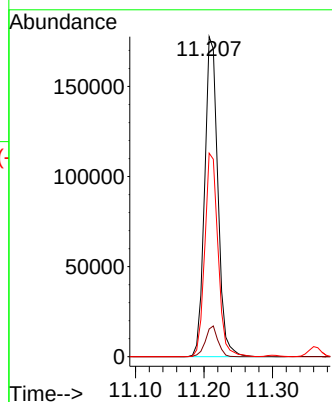
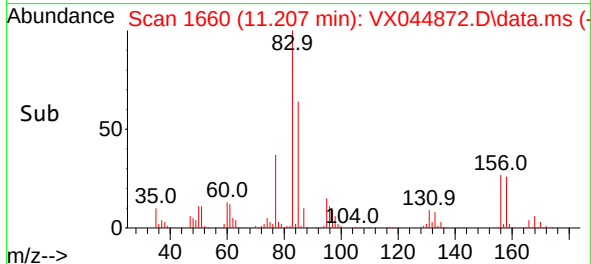
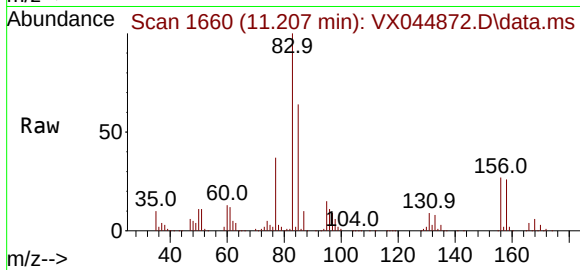
#75
1,1,2,2-Tetrachloroethane
Concen: 94.351 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 238529
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.5
85 63.9 32.3 96.8

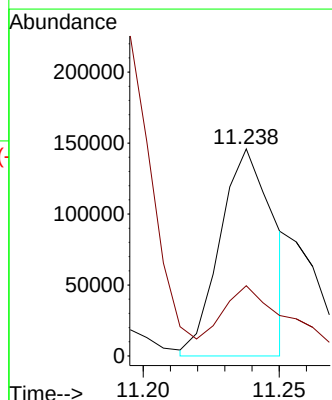
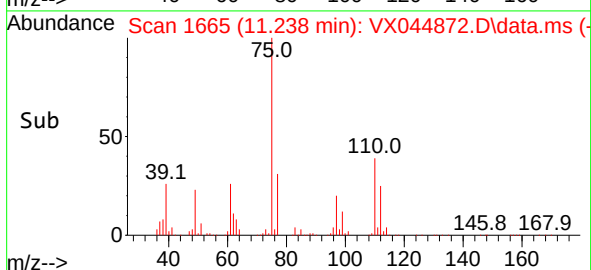
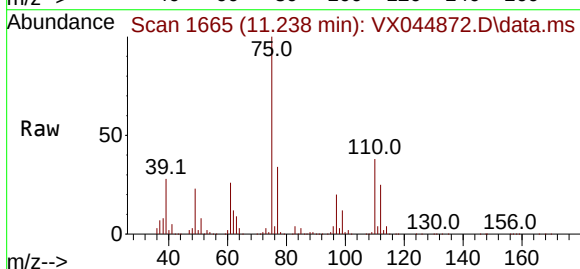
Manual Integrations
APPROVED

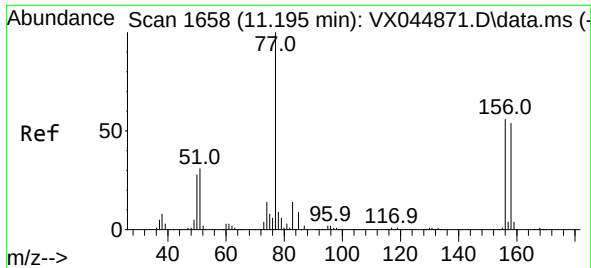
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#76
1,2,3-Trichloropropane
Concen: 97.896 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

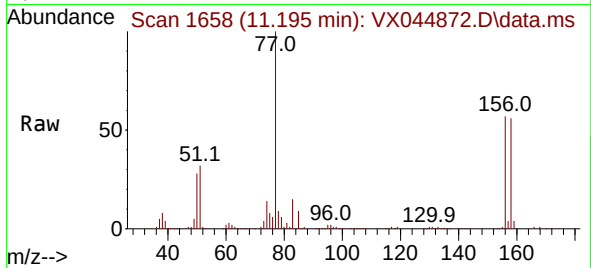
Tgt Ion: 75 Resp: 198320
Ion Ratio Lower Upper
75 100
77 43.4 21.9 65.7





#77
Bromobenzene
Concen: 98.230 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

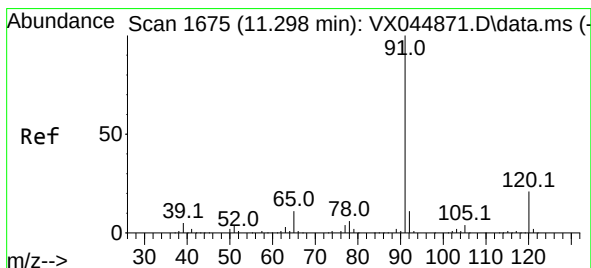
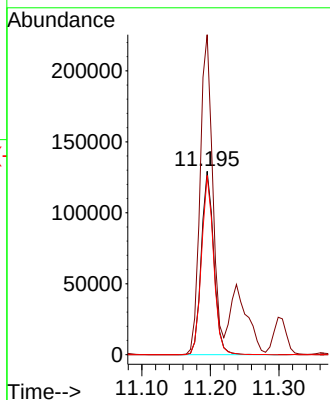
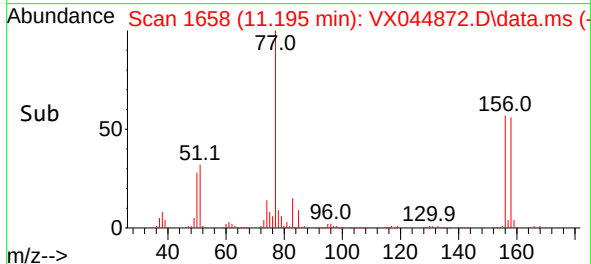
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



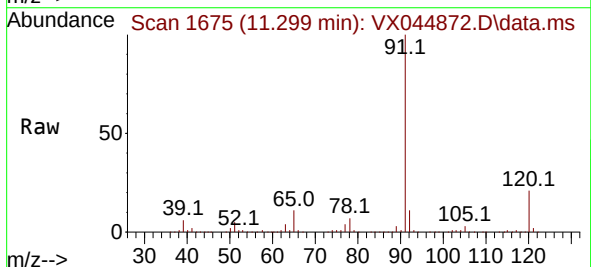
Tgt Ion:156 Resp: 16384
Ion Ratio Lower Upper
156 100
77 176.7 88.4 265.3
158 95.7 48.4 145.2

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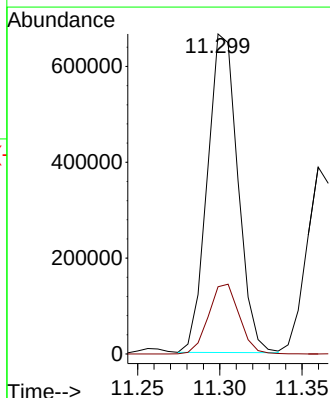
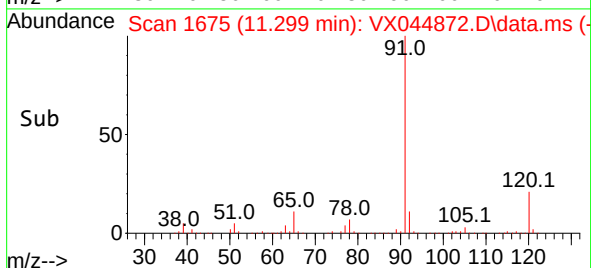
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

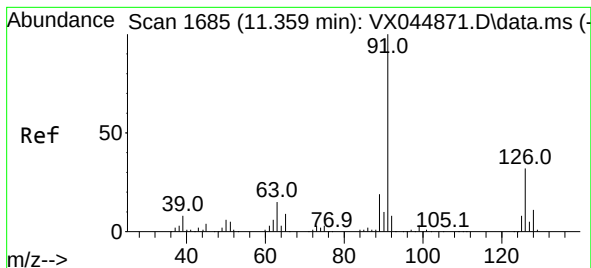


#78
n-propylbenzene
Concen: 101.132 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



Tgt Ion: 91 Resp: 858793
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3





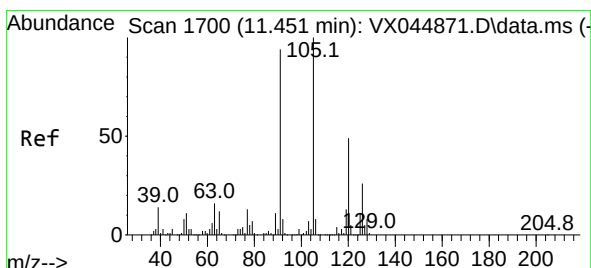
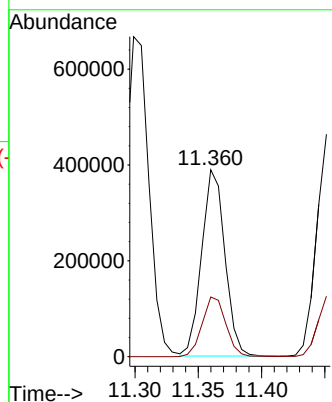
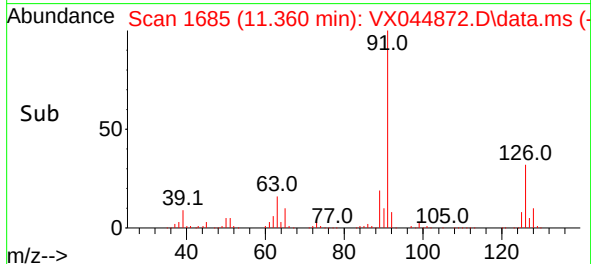
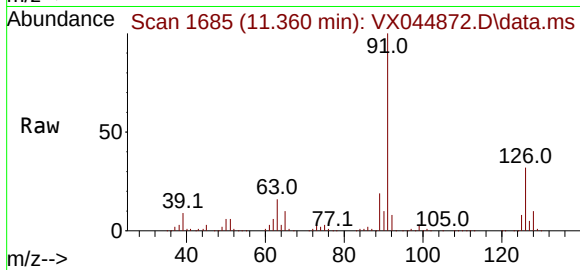
#79
2-Chlorotoluene
Concen: 95.257 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 497149
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

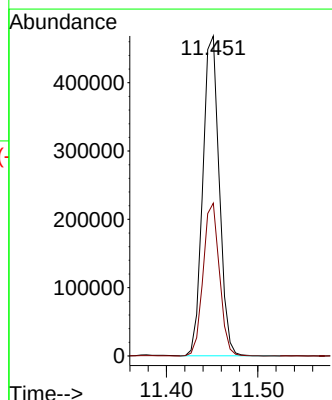
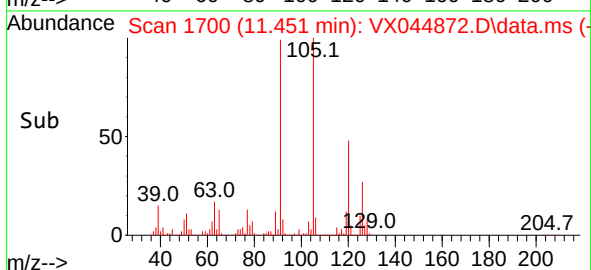
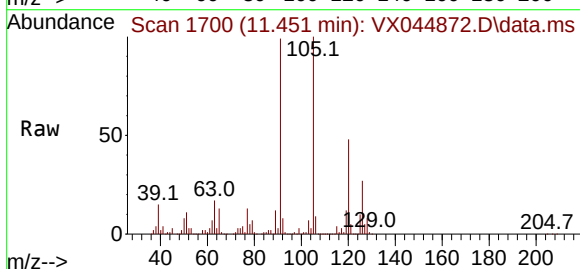
Manual Integrations
APPROVED

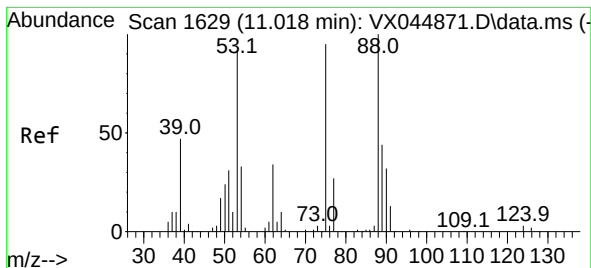
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 97.966 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

Tgt Ion:105 Resp: 584885
Ion Ratio Lower Upper
105 100
120 47.4 24.0 72.0





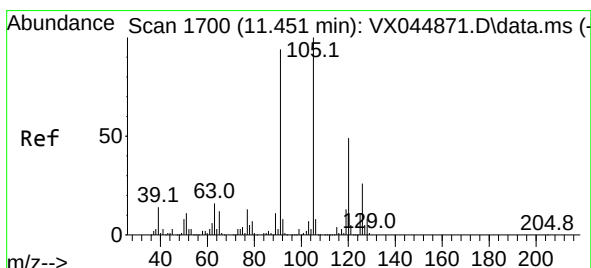
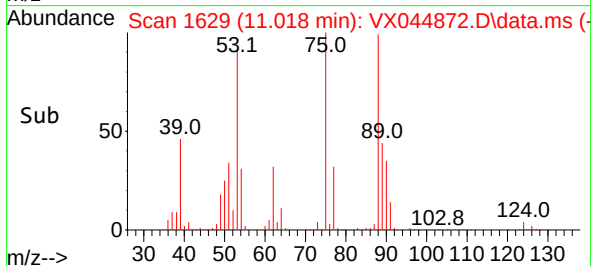
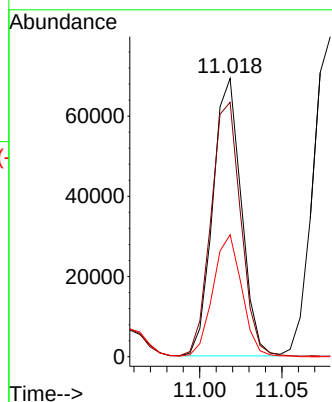
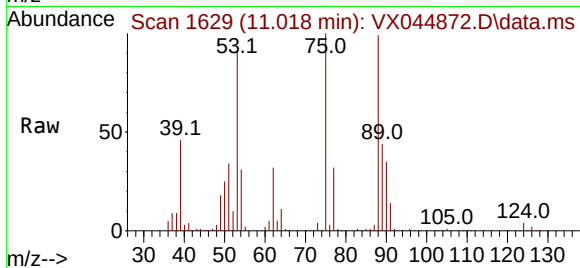
#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.006 ug/l
 RT: 11.018 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 8348
 Ion Ratio Lower Upper
 75 100
 53 95.9 78.0 117.0
 89 44.6 36.6 54.8

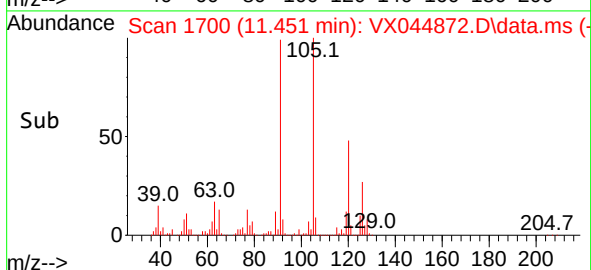
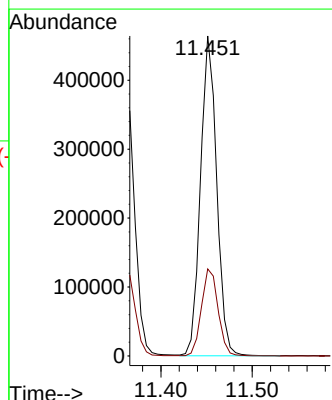
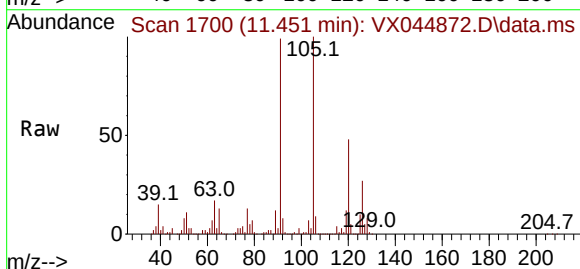
Manual Integrations
 APPROVED

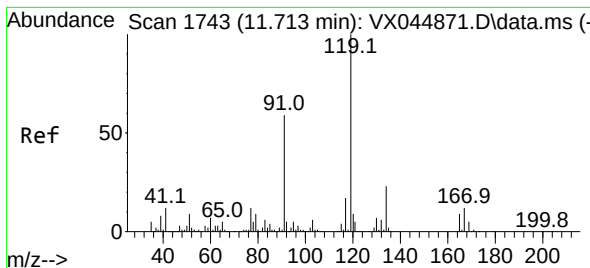
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#82
 4-Chlorotoluene
 Concen: 98.634 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

Tgt Ion: 91 Resp: 569510
 Ion Ratio Lower Upper
 91 100
 126 28.2 14.2 42.6





#83

tert-Butylbenzene

Concen: 97.917 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tgt Ion:119 Resp: 591390

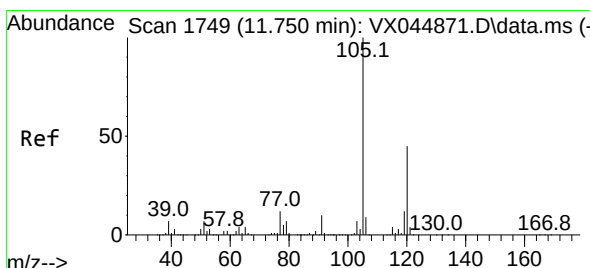
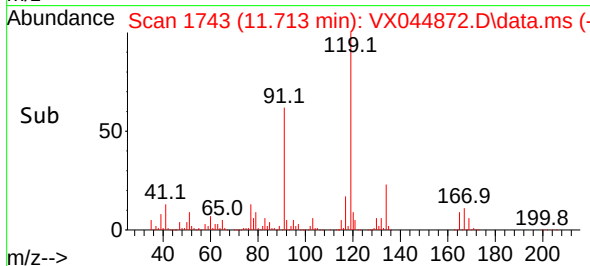
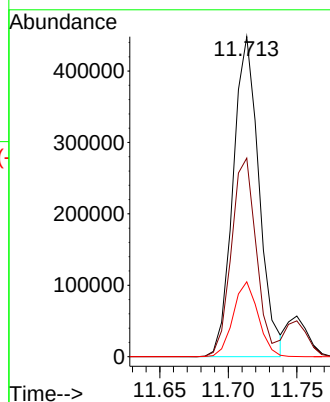
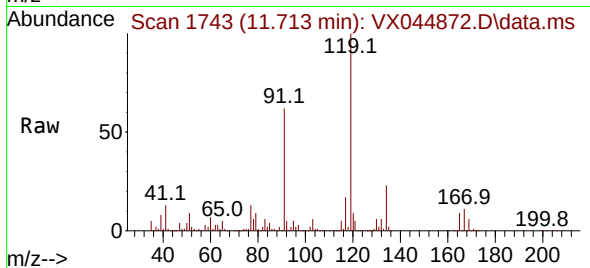
Ion	Ratio	Lower	Upper
119	100		
91	59.2	29.1	87.4
134	22.6	11.5	34.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#84

1,2,4-Trimethylbenzene

Concen: 99.851 ug/l

RT: 11.750 min Scan# 1749

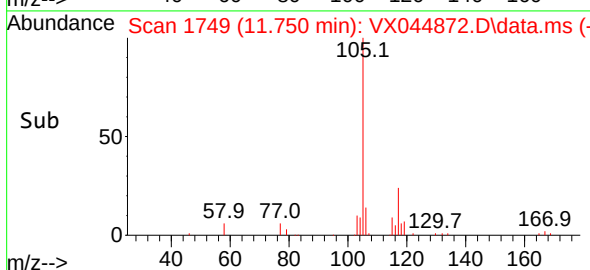
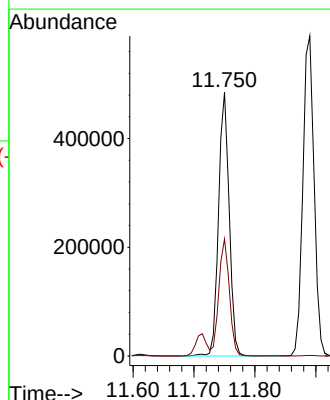
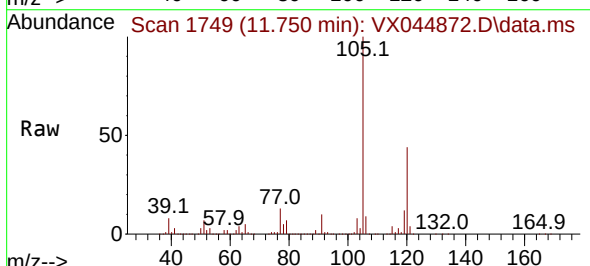
Delta R.T. 0.000 min

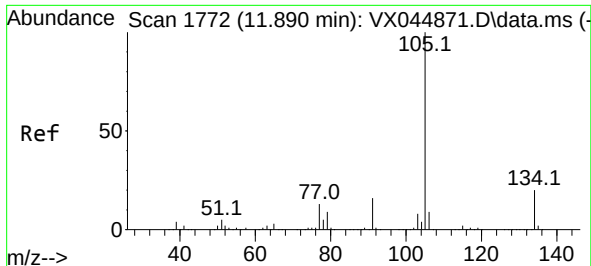
Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Tgt Ion:105 Resp: 588385

Ion	Ratio	Lower	Upper
105	100		
120	44.0	22.4	67.0





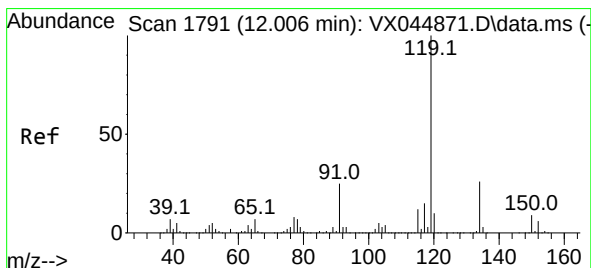
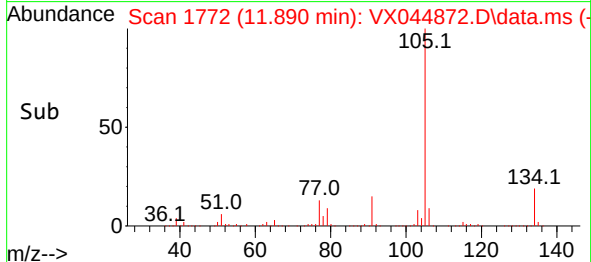
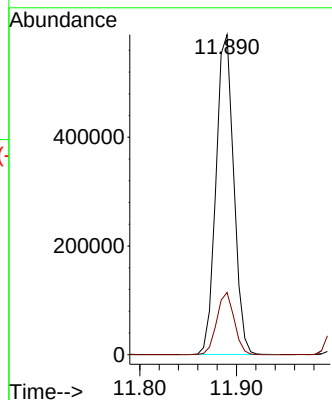
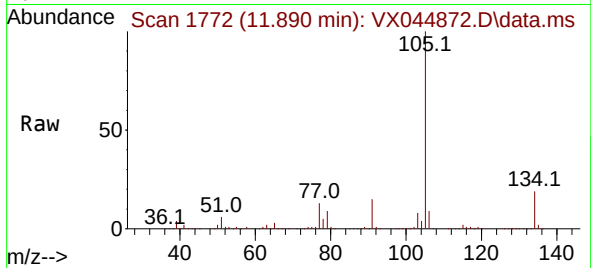
#85
 sec-Butylbenzene
 Concen: 100.219 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 749534
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

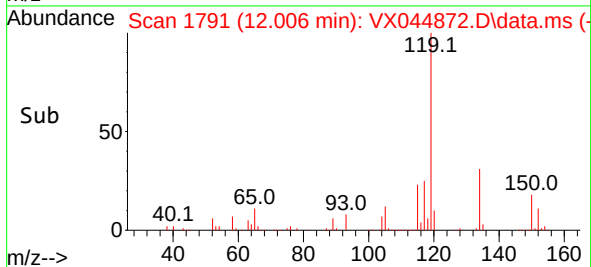
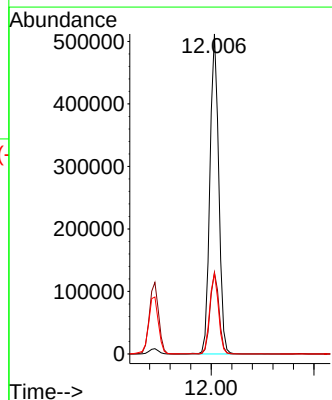
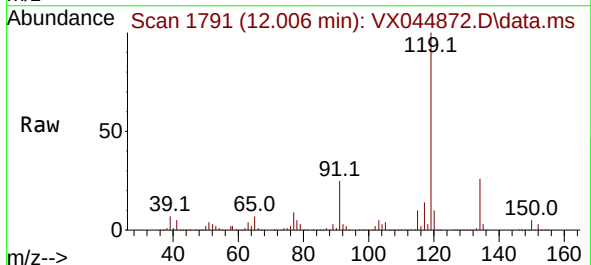
Manual Integrations
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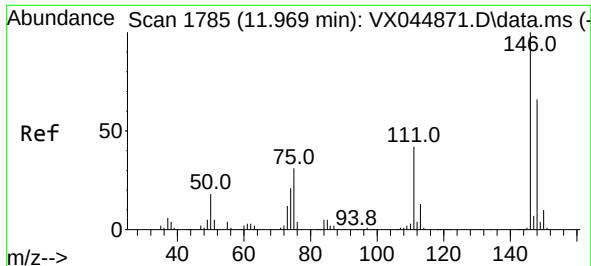
Reviewed By :John Carlone 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025



#86
 p-Isopropyltoluene
 Concen: 101.019 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044872.D
 Acq: 10 Feb 2025 12:05

Tgt Ion:119 Resp: 607577
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 25.0 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 99.061 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion:146 Resp: 30385

Ion Ratio Lower Upper

146 100

111 42.0 21.2 63.6

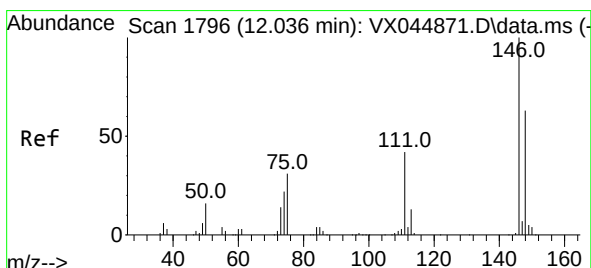
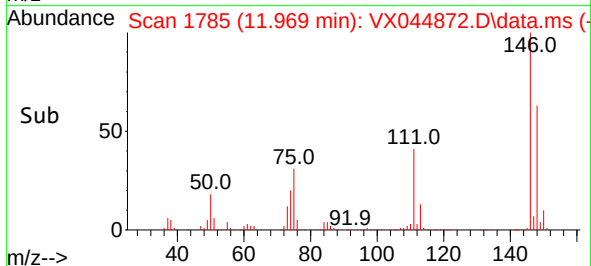
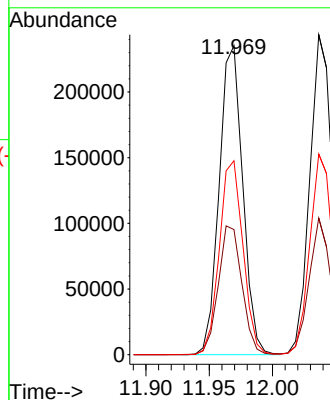
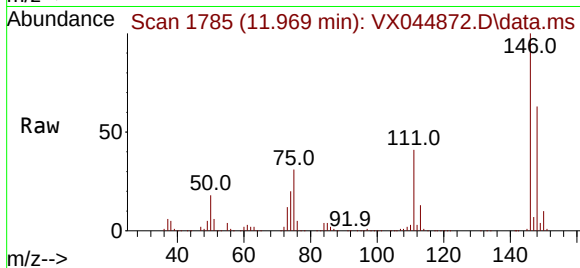
148 63.1 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/11/2025

Supervised By :Mahesh Dadoda 02/11/2025



#88

1,4-Dichlorobenzene

Concen: 97.830 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044872.D

Acq: 10 Feb 2025 12:05

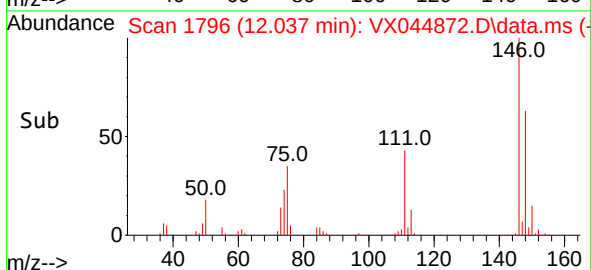
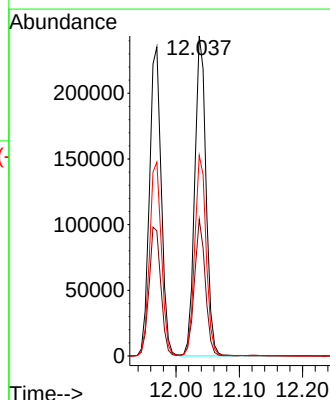
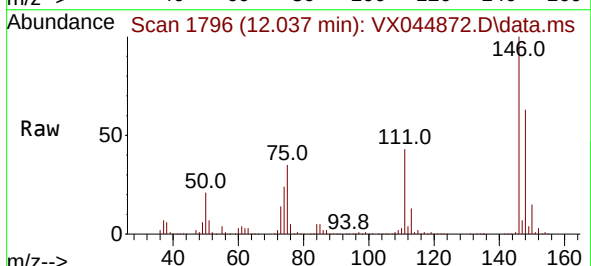
Tgt Ion:146 Resp: 303417

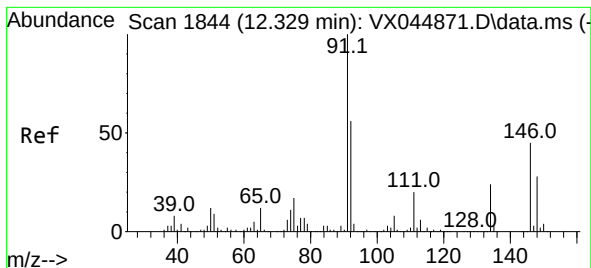
Ion Ratio Lower Upper

146 100

111 41.1 20.4 61.3

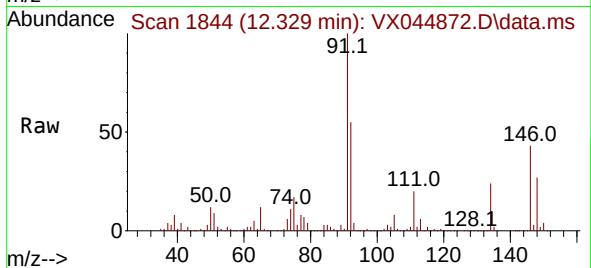
148 63.0 32.0 96.0





#89
n-Butylbenzene
Concen: 109.686 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

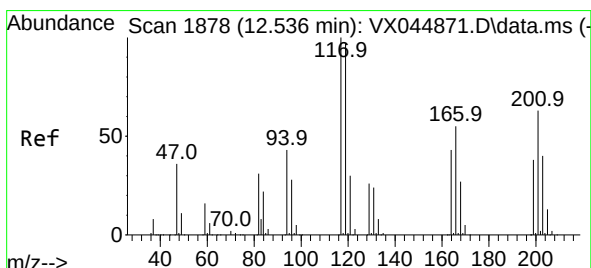
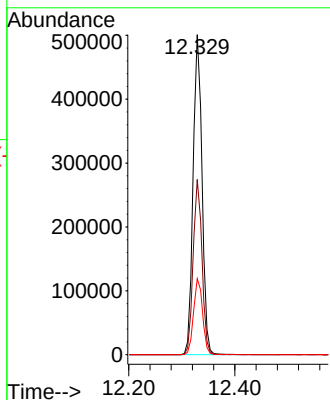
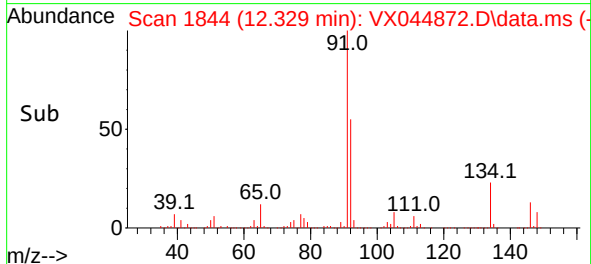
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 583634
Ion Ratio Lower Upper
91 100
92 54.2 27.2 81.6
134 24.0 12.1 36.3

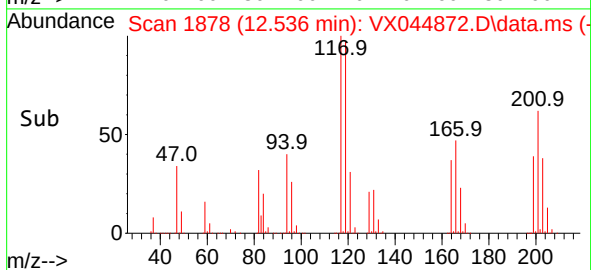
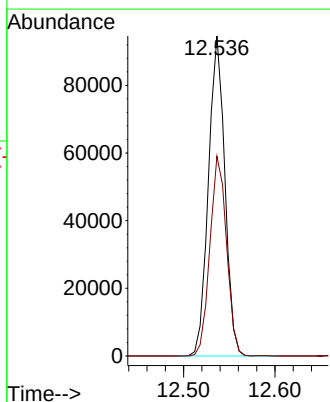
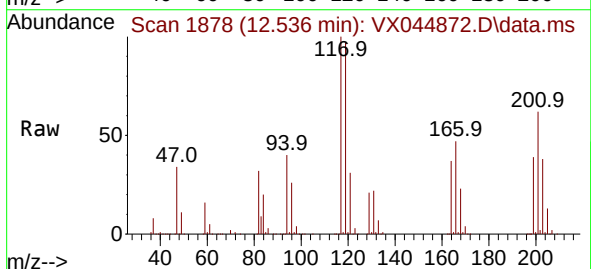
Manual Integrations
APPROVED

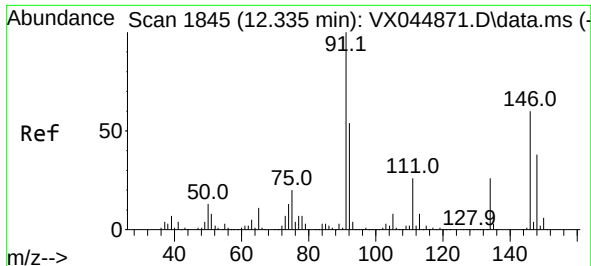
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#90
Hexachloroethane
Concen: 104.365 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

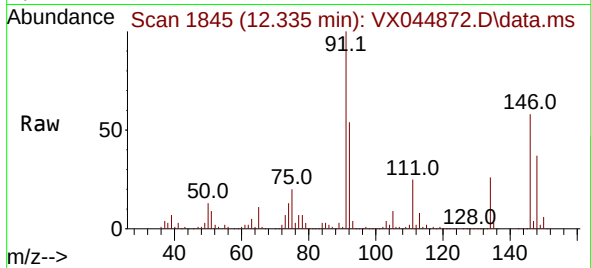
Tgt Ion:117 Resp: 117533
Ion Ratio Lower Upper
117 100
201 63.4 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 97.244 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

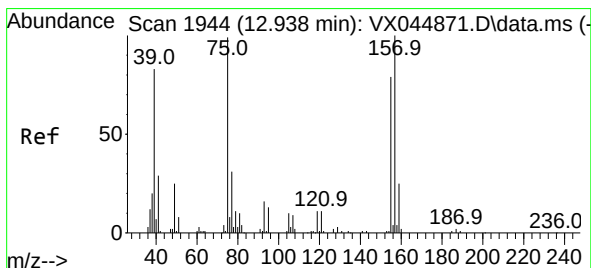
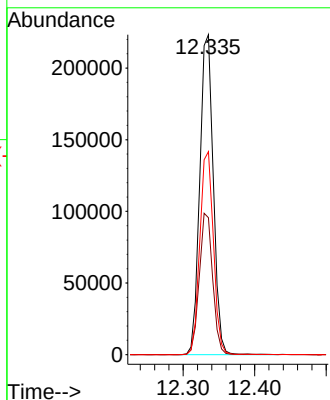
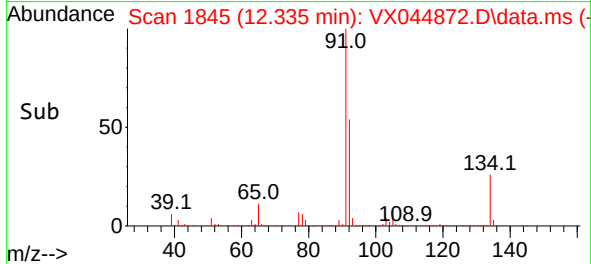
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100



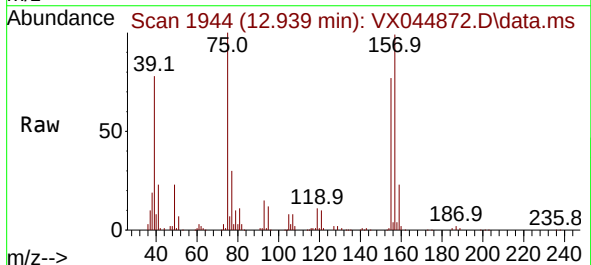
Tgt Ion:146 Resp: 29315
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.4
148 63.9 31.9 95.9

Manual Integrations
APPROVED

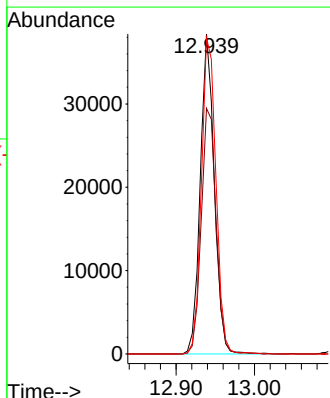
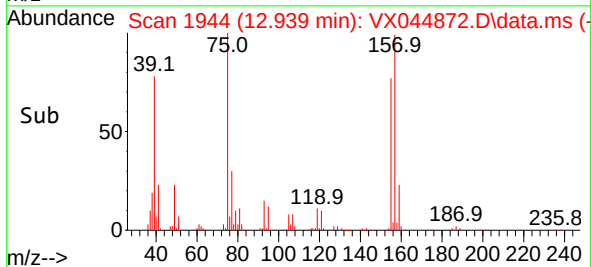
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

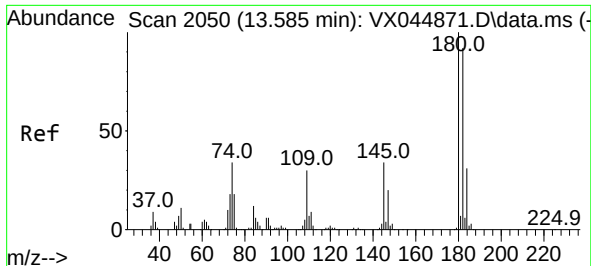


#92
1,2-Dibromo-3-Chloropropane
Concen: 103.477 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



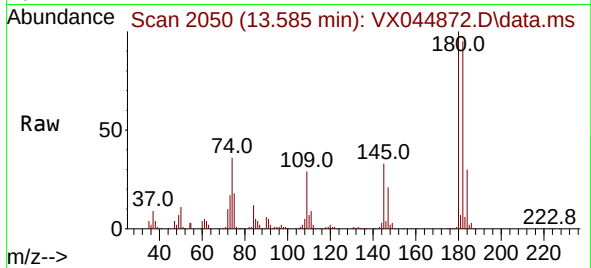
Tgt Ion: 75 Resp: 47745
Ion Ratio Lower Upper
75 100
155 81.0 40.5 121.4
157 102.3 51.4 154.3





#93
1,2,4-Trichlorobenzene
Concen: 105.921 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

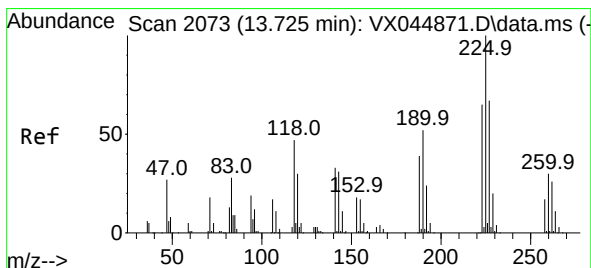
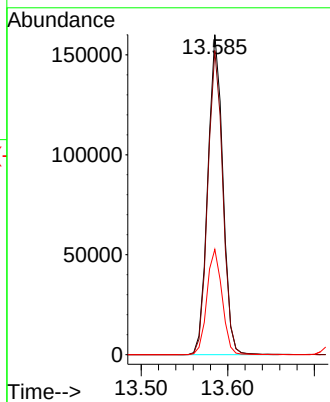
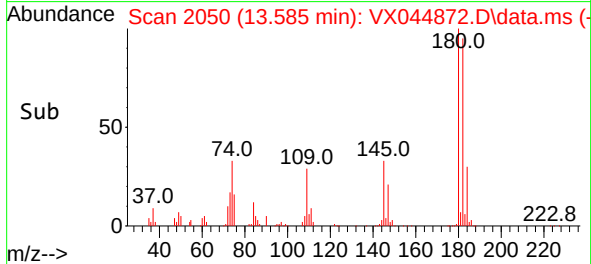
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



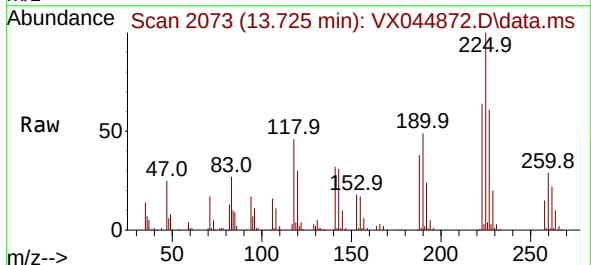
Tgt Ion:180 Resp: 193214
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.8
145 33.2 16.4 49.1

Manual Integrations
APPROVED

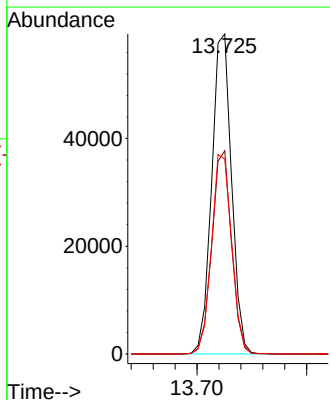
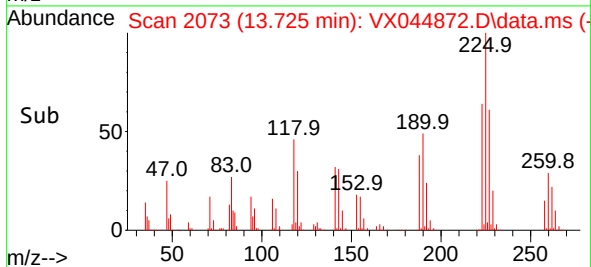
Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025

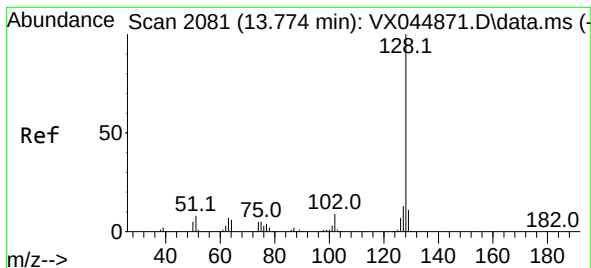


#94
Hexachlorobutadiene
Concen: 103.024 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



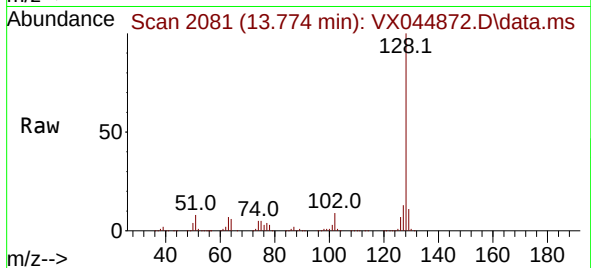
Tgt Ion:225 Resp: 74605
Ion Ratio Lower Upper
225 100
223 62.9 31.4 94.2
227 63.5 32.3 96.8





#95
Naphthalene
Concen: 104.505 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05

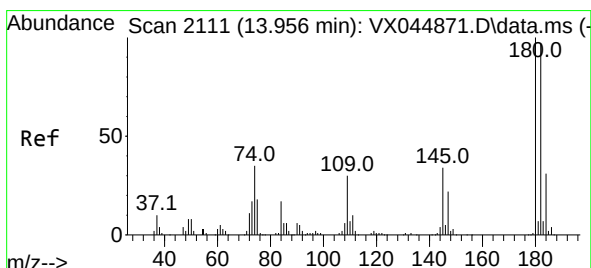
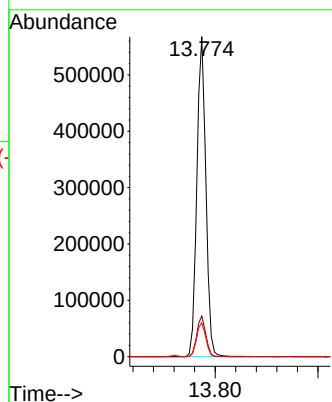
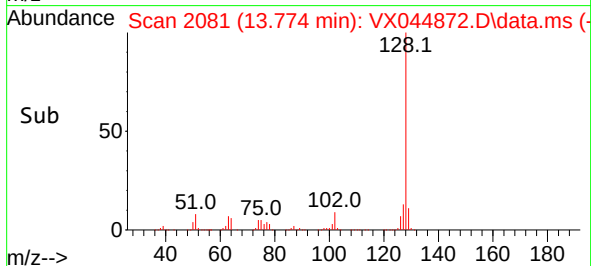
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100



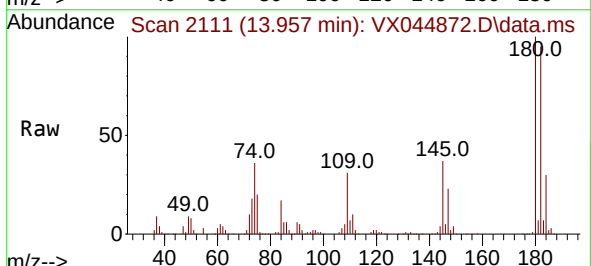
Tgt Ion:128 Resp: 689104
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/11/2025
Supervised By :Mahesh Dadoda 02/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 103.659 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044872.D
Acq: 10 Feb 2025 12:05



Tgt Ion:180 Resp: 190534
Ion Ratio Lower Upper
180 100
182 94.8 47.9 143.6
145 34.6 17.1 51.3

