

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX044996.D
 Acq On : 19 Feb 2025 10:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 02:33:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.538	168	101434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	178680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	74591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	66511	44.794	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.580%		
35) Dibromofluoromethane	5.373	113	52771	45.425	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	8.641	98	194366	44.245	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.500%		
62) 4-Bromofluorobenzene	11.079	95	69627	47.015	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.040%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	71059	49.948	ug/l	98
3) Chloromethane	1.294	50	80436	46.454	ug/l	99
4) Vinyl Chloride	1.374	62	80728	48.126	ug/l	99
5) Bromomethane	1.593	94	25241	50.285	ug/l	95
6) Chloroethane	1.666	64	50696	97.753	ug/l	97
7) Trichlorofluoromethane	1.874	101	107715	50.777	ug/l	100
8) Diethyl Ether	2.130	74	41521	53.971	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	64558	50.369	ug/l	98
10) Methyl Iodide	2.447	142	75738	45.595	ug/l	98
11) Tert butyl alcohol	2.989	59	59901	217.460	ug/l	100
12) 1,1-Dichloroethene	2.313	96	63396	48.490	ug/l	98
13) Acrolein	2.233	56	58363	205.357	ug/l	98
14) Allyl chloride	2.654	41	117039	49.534	ug/l	98
15) Acrylonitrile	3.056	53	181518	246.808	ug/l	98
16) Acetone	2.373	43	148842	249.356	ug/l	95
17) Carbon Disulfide	2.508	76	161914	45.163	ug/l	99
18) Methyl Acetate	2.697	43	97477	51.750	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	209721	50.417	ug/l	99
20) Methylene Chloride	2.782	84	72196	49.380	ug/l	97
21) trans-1,2-Dichloroethene	3.081	96	62411	48.502	ug/l	91
22) Diisopropyl ether	3.751	45	235626	52.711	ug/l	92
23) Vinyl Acetate	3.715	43	939094	257.688	ug/l	100
24) 1,1-Dichloroethane	3.599	63	127172	50.844	ug/l	99
25) 2-Butanone	4.544	43	245338	253.117	ug/l	95
26) 2,2-Dichloropropane	4.465	77	98366	49.591	ug/l	99
27) cis-1,2-Dichloroethene	4.477	96	78568	50.832	ug/l	99
28) Bromochloromethane	4.885	49	60375	50.228	ug/l	99
29) Tetrahydrofuran	4.995	42	159904	248.446	ug/l	98
30) Chloroform	5.080	83	126006	51.947	ug/l	97
31) Cyclohexane	5.458	56	111835	48.500	ug/l	96
32) 1,1,1-Trichloroethane	5.367	97	106467	51.747	ug/l	99
36) 1,1-Dichloropropene	5.684	75	85534	51.033	ug/l	99
37) Ethyl Acetate	4.702	43	92405	49.567	ug/l	98
38) Carbon Tetrachloride	5.666	117	87410	53.220	ug/l	97
39) Methylcyclohexane	7.373	83	114681	52.925	ug/l	98
40) Benzene	6.025	78	275503	52.641	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	54906	55.024	ug/l	99
42) 1,2-Dichloroethane	6.074	62	93316	55.945	ug/l	98
43) Isopropyl Acetate	6.330	43	158018	52.490	ug/l	98
44) Trichloroethene	7.117	130	63126	52.769	ug/l	99
45) 1,2-Dichloropropane	7.421	63	69479	53.362	ug/l	96
46) Dibromomethane	7.574	93	48275	53.463	ug/l	98
47) Bromodichloromethane	7.812	83	98247	56.192	ug/l	100
48) Methyl methacrylate	7.690	41	77361	54.500	ug/l	97
49) 1,4-Dioxane	7.659	88	31299	1027.728	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	504087	275.429	ug/l	98
52) Toluene	8.714	92	167630	53.781	ug/l	100
53) t-1,3-Dichloropropene	8.970	75	95165	53.787	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	107755	54.623	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	65082	54.318	ug/l	98
56) Ethyl methacrylate	9.110	69	104293	53.894	ug/l	96
57) 1,3-Dichloropropane	9.305	76	114312	54.527	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.232	63	267481	281.503	ug/l	100
59) 2-Hexanone	9.427	43	364965	276.768	ug/l	97
60) Dibromochloromethane	9.519	129	72124	56.285	ug/l	99
61) 1,2-Dibromoethane	9.604	107	65515	53.948	ug/l	98
64) Tetrachloroethene	9.269	164	52119	51.024	ug/l	96
65) Chlorobenzene	10.073	112	181459	52.161	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	59706	53.322	ug/l	99
67) Ethyl Benzene	10.189	91	322376	52.512	ug/l	97
68) m/p-Xylenes	10.299	106	239803	105.892	ug/l	99
69) o-Xylene	10.640	106	116936	51.460	ug/l	97
70) Styrene	10.652	104	199300	54.439	ug/l	99
71) Bromoform	10.799	173	45256	54.156	ug/l #	99
73) Isopropylbenzene	10.957	105	306799	51.082	ug/l	100
74) N-amyl acetate	10.841	43	139944	51.492	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	100244	48.572	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	81525m	49.296	ug/l	
77) Bromobenzene	11.195	156	69215	50.832	ug/l	99
78) n-propylbenzene	11.299	91	364521	52.583	ug/l	100
79) 2-Chlorotoluene	11.360	91	214710	50.395	ug/l	100
80) 1,3,5-Trimethylbenzene	11.445	105	253309	51.973	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	26991	41.983	ug/l	94
82) 4-Chlorotoluene	11.451	91	246062	52.203	ug/l	99
83) tert-Butylbenzene	11.713	119	257768	52.280	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	255195	53.050	ug/l	100
85) sec-Butylbenzene	11.884	105	324931	53.219	ug/l	100
86) p-Isopropyltoluene	12.006	119	262276	53.418	ug/l	99
87) 1,3-Dichlorobenzene	11.963	146	132572	52.944	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	130786	51.658	ug/l	98
89) n-Butylbenzene	12.329	91	244043	56.182	ug/l	99
90) Hexachloroethane	12.536	117	45480	49.470	ug/l	98
91) 1,2-Dichlorobenzene	12.329	146	127089	51.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18560	49.274	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	81425	54.679	ug/l	100
94) Hexachlorobutadiene	13.719	225	32349	54.721	ug/l	98
95) Naphthalene	13.774	128	279838	51.985	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	81892	54.575	ug/l	98

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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

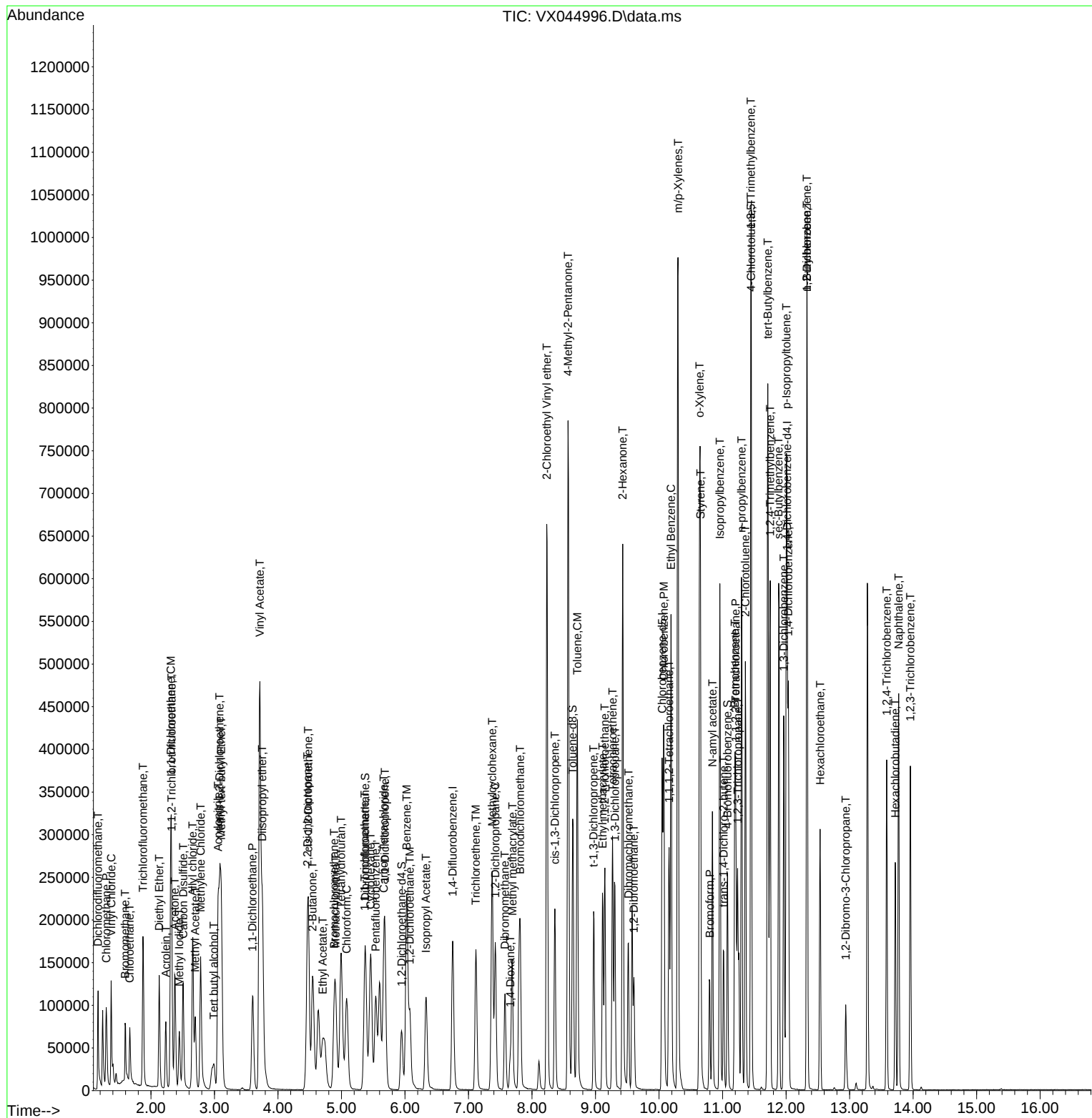
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Manual Integrations APPROVED

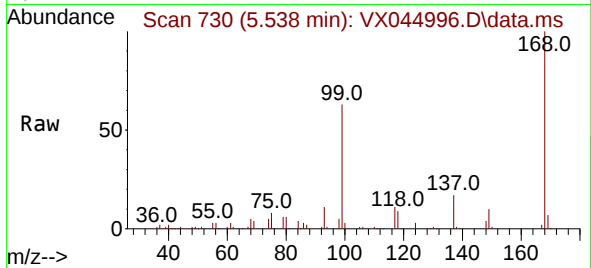
Reviewed By : John Carlone 02/20/2025
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX044996.D
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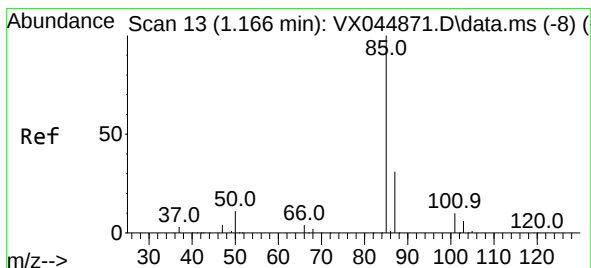
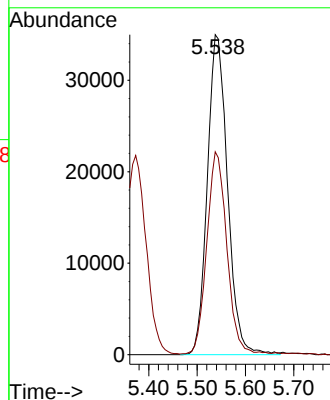
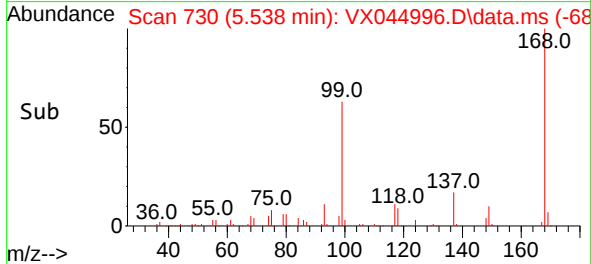
Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:168 Resp: 101434
Ion Ratio Lower Upper
168 100
99 63.2 51.2 76.8

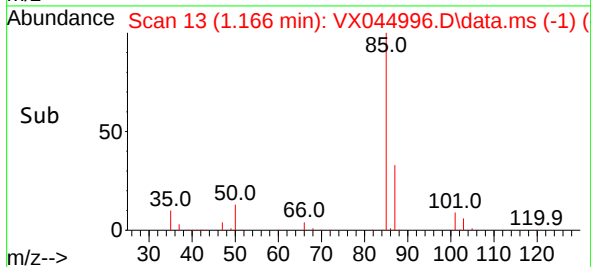
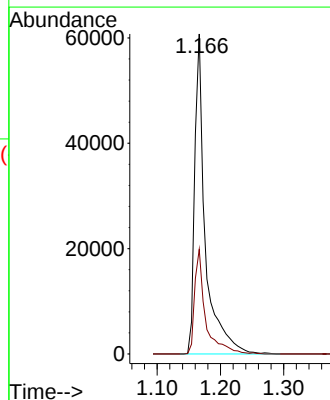
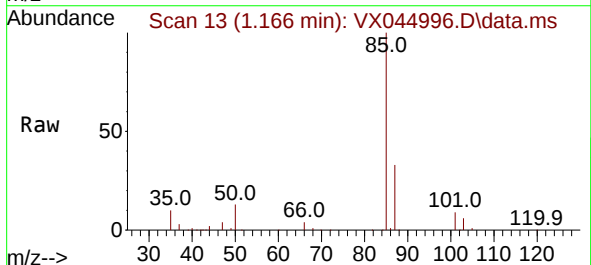
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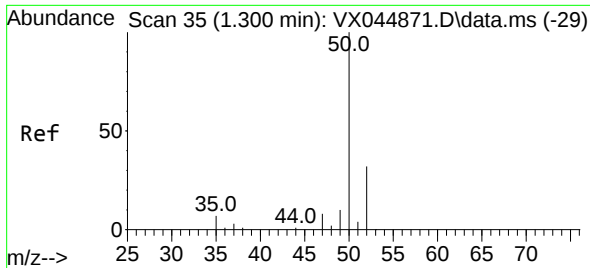
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#2
Dichlorodifluoromethane
Concen: 49.948 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

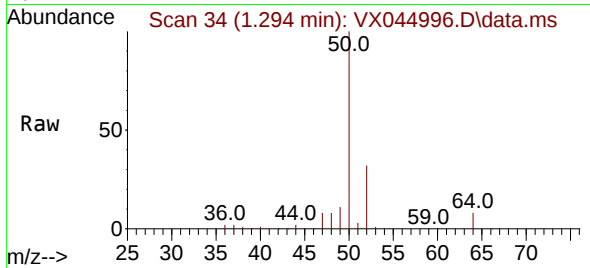
Tgt Ion: 85 Resp: 71059
Ion Ratio Lower Upper
85 100
87 32.7 15.8 47.3





#3
Chloromethane
Concen: 46.454 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

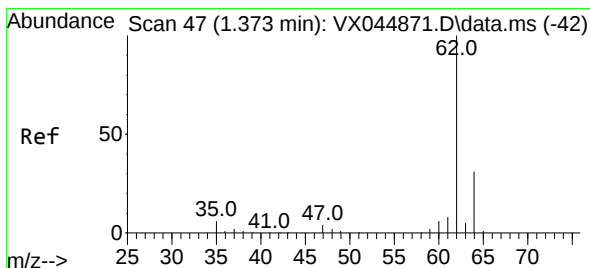
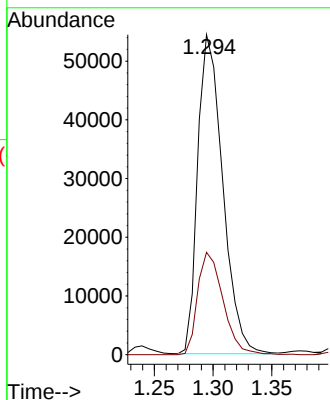
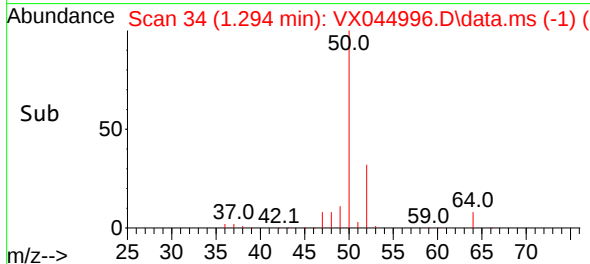
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 80430
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9

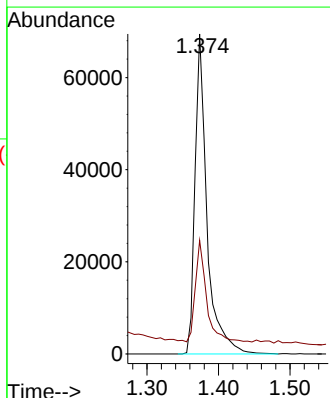
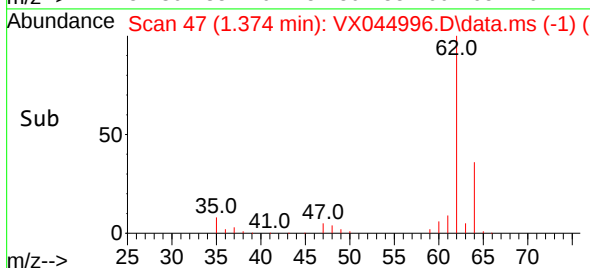
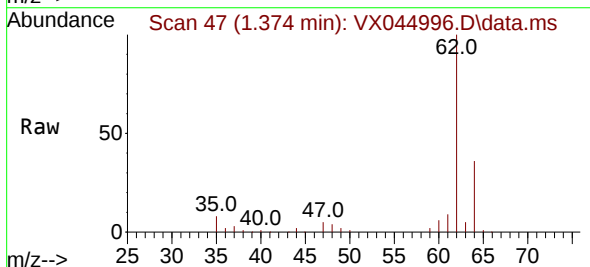
Manual Integrations
APPROVED

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#4
Vinyl Chloride
Concen: 48.126 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

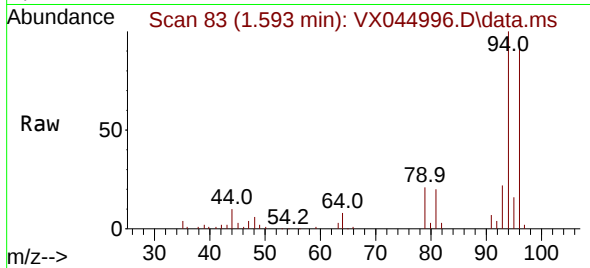
Tgt Ion: 62 Resp: 80728
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0





#5
 Bromomethane
 Concen: 50.285 ug/l
 RT: 1.593 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52

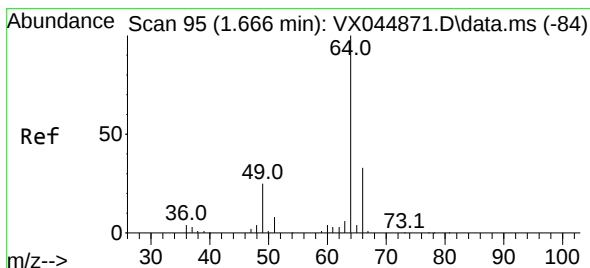
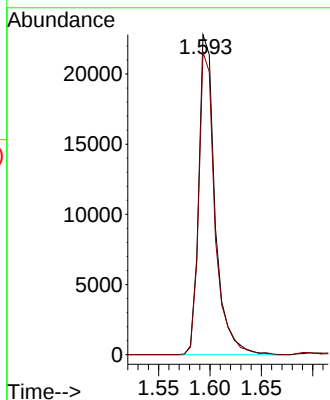
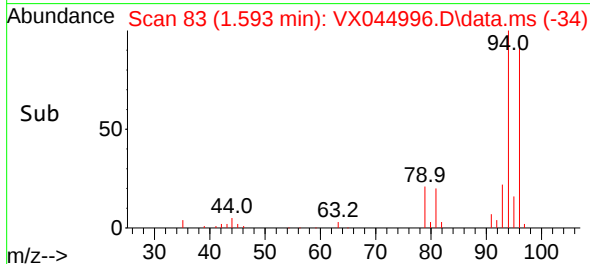
Instrument :
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Tgt Ion: 94 Resp: 2524
 Ion Ratio Lower Upper
 94 100
 96 94.6 71.6 107.4

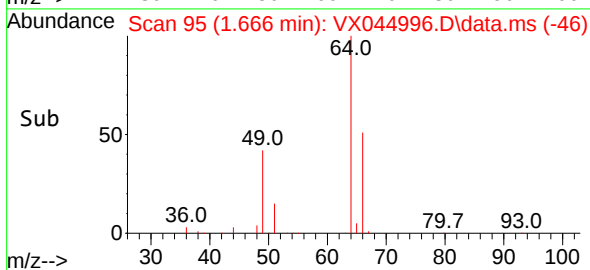
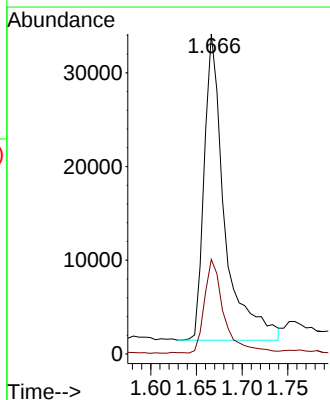
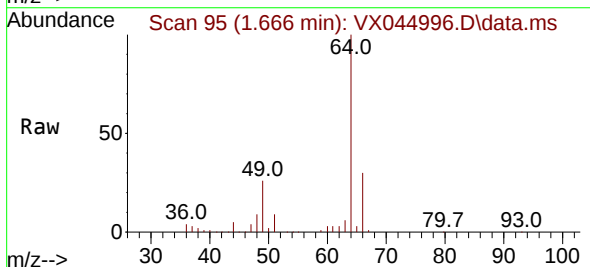
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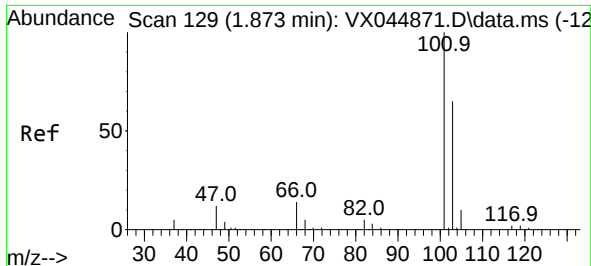
Reviewed By :John Carlone 02/20/2025
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#6
 Chloroethane
 Concen: 97.753 ug/l
 RT: 1.666 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52

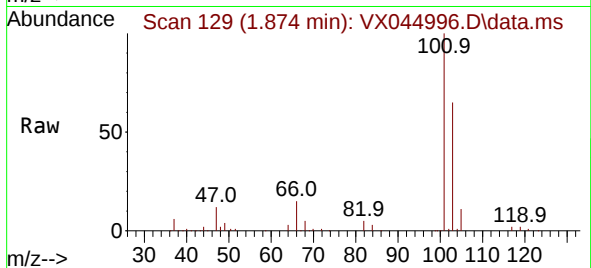
Tgt Ion: 64 Resp: 50696
 Ion Ratio Lower Upper
 64 100
 66 30.5 25.9 38.9





#7
 Trichlorofluoromethane
 Concen: 50.777 ug/l
 RT: 1.874 min Scan# 101
 Delta R.T. 0.001 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52

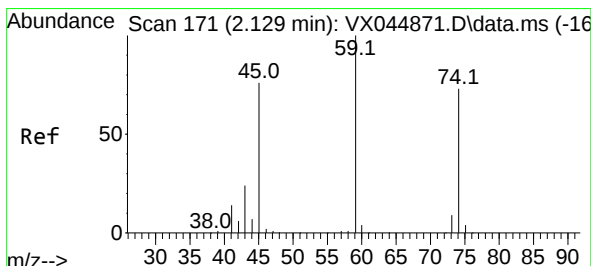
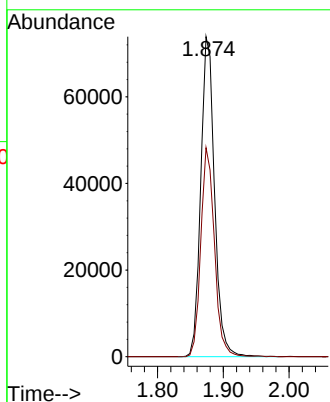
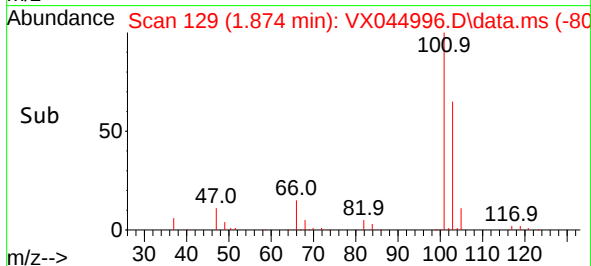
Instrument :
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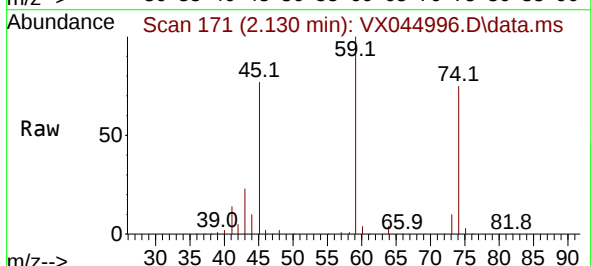
Tgt Ion:101 Resp: 107715
 Ion Ratio Lower Upper
 101 100
 103 65.3 52.4 78.6

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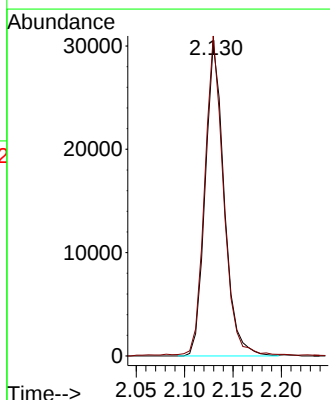
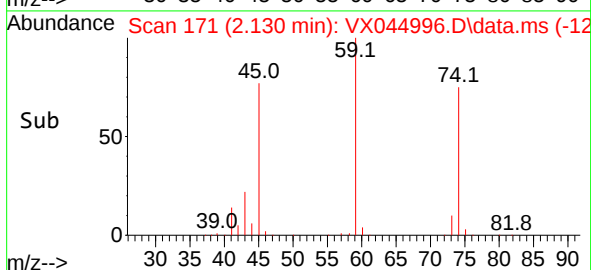
Reviewed By :John Carlone 02/20/2025
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#8
 Diethyl Ether
 Concen: 53.971 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. 0.001 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52



Tgt Ion: 74 Resp: 41521
 Ion Ratio Lower Upper
 74 100
 45 102.4 51.1 153.4





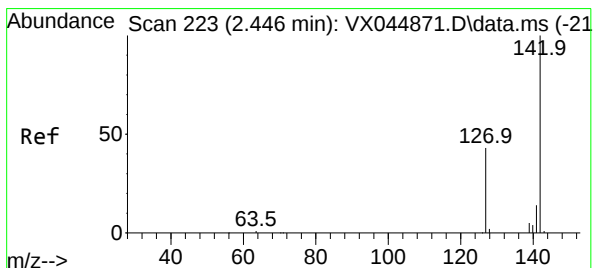
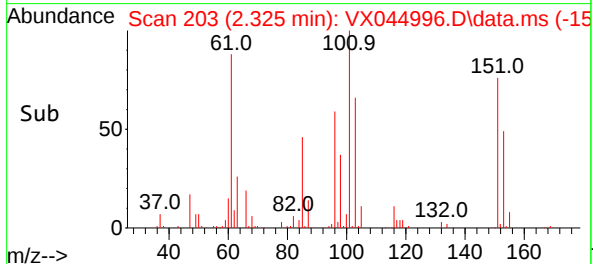
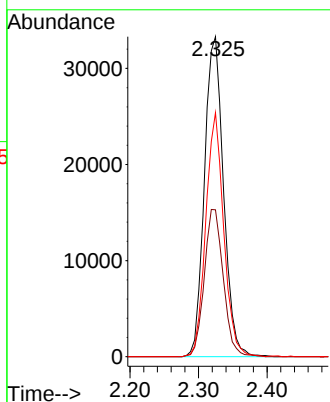
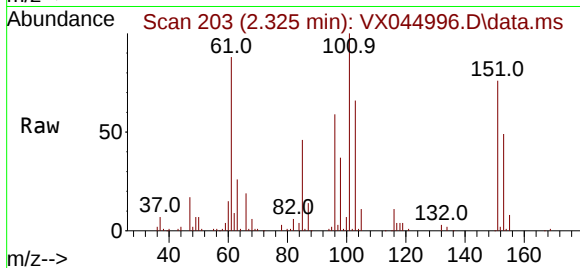
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.369 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 64558
Ion Ratio Lower Upper
101 100
85 45.9 35.7 53.5
151 71.8 56.0 84.0

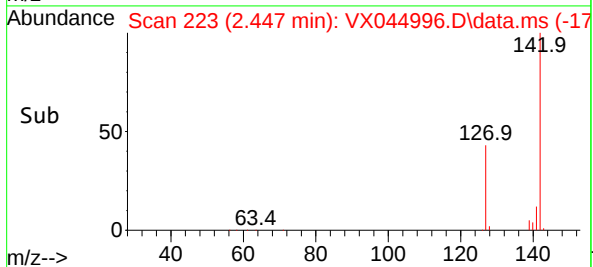
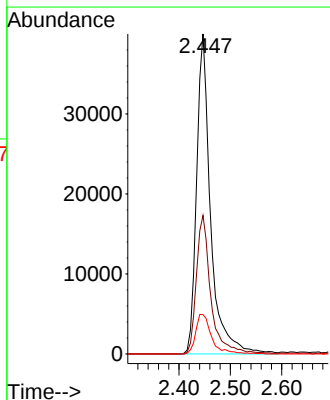
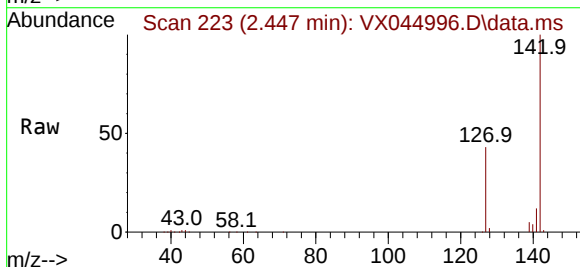
Manual Integrations
APPROVED

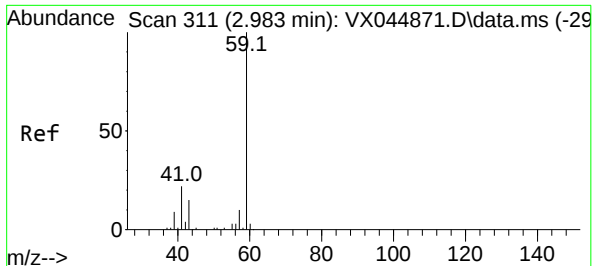
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#10
Methyl Iodide
Concen: 45.595 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

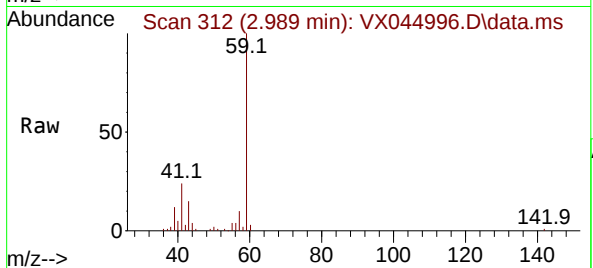
Tgt Ion:142 Resp: 75738
Ion Ratio Lower Upper
142 100
127 44.9 34.3 51.5
141 14.1 11.4 17.2





#11
Tert butyl alcohol
Concen: 217.460 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

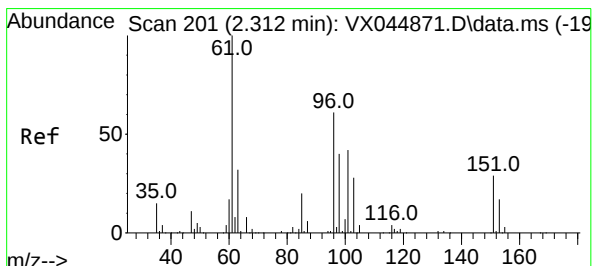
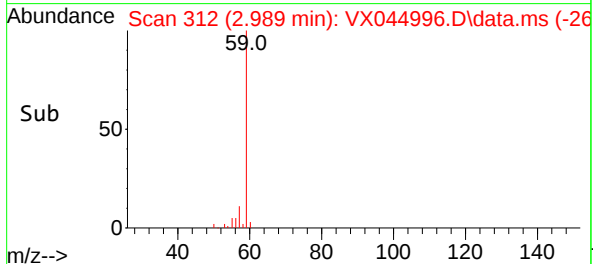
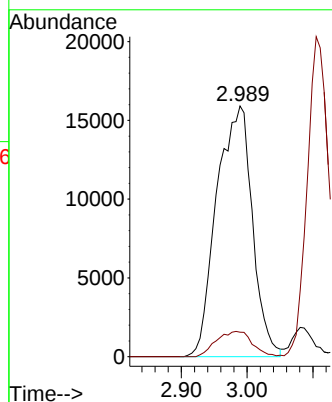
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 5990
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1

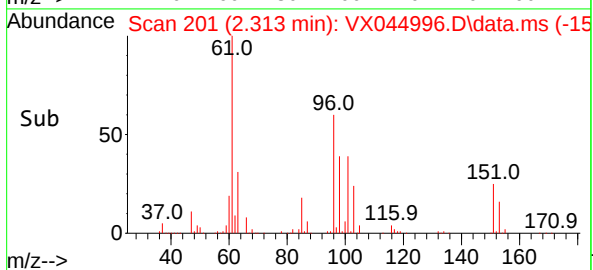
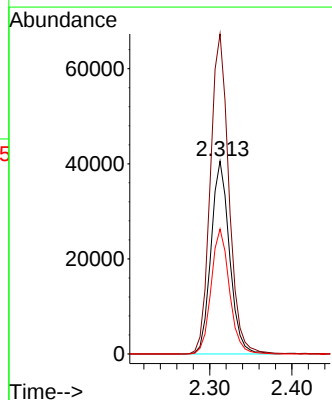
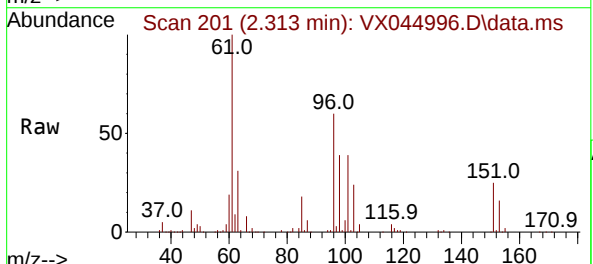
Manual Integrations
APPROVED

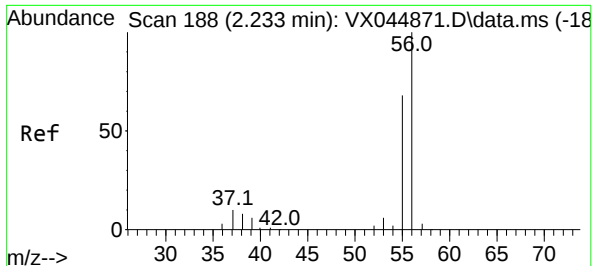
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#12
1,1-Dichloroethene
Concen: 48.490 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

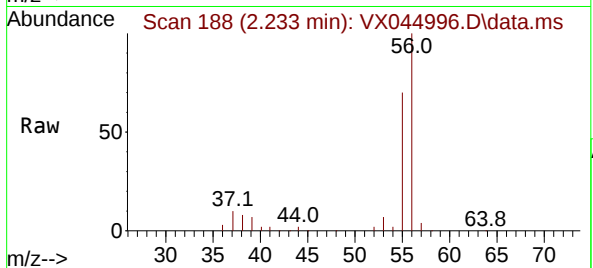
Tgt Ion: 96 Resp: 63396
Ion Ratio Lower Upper
96 100
61 166.0 130.2 195.4
98 64.9 52.2 78.4





#13
Acrolein
Concen: 205.357 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

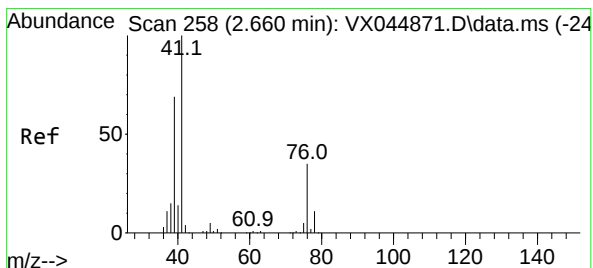
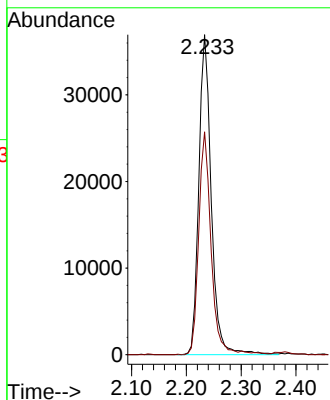
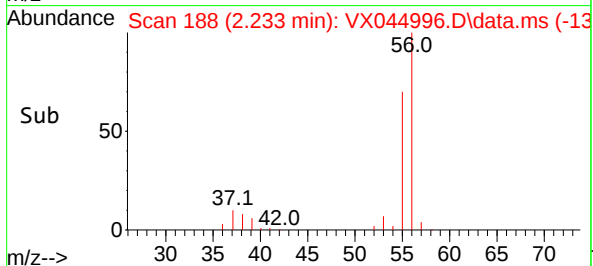
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 5836
Ion Ratio Lower Upper
56 100
55 68.3 55.7 83.5

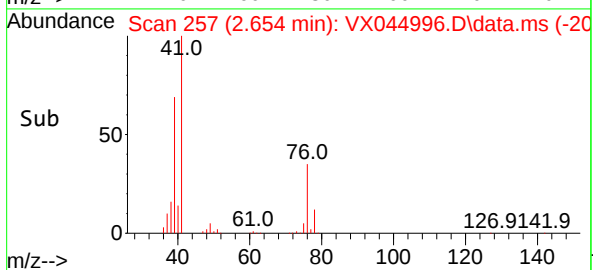
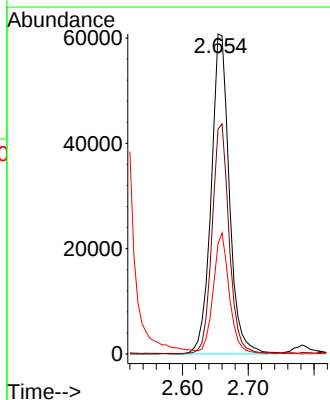
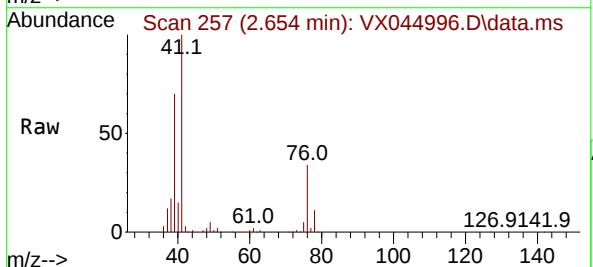
Manual Integrations
APPROVED

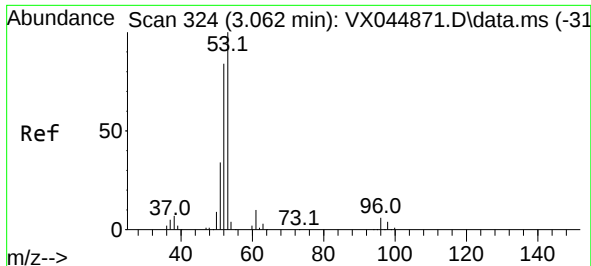
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#14
Allyl chloride
Concen: 49.534 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 41 Resp: 117039
Ion Ratio Lower Upper
41 100
39 67.0 51.4 77.2
76 34.0 27.0 40.4





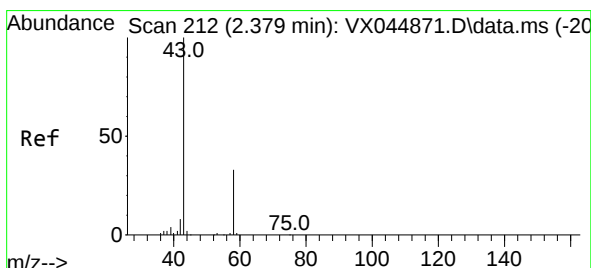
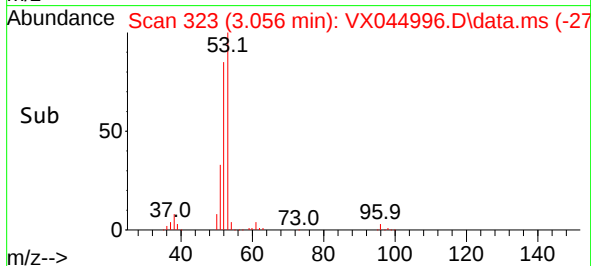
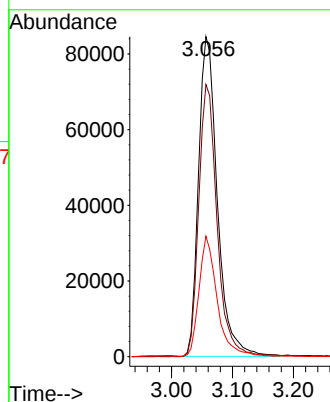
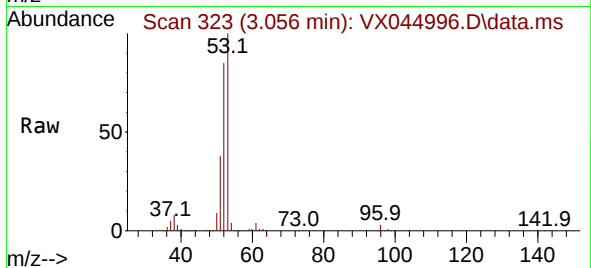
#15
Acrylonitrile
Concen: 246.808 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 181518
Ion Ratio Lower Upper
53 100
52 83.6 65.0 97.6
51 36.0 28.0 42.0

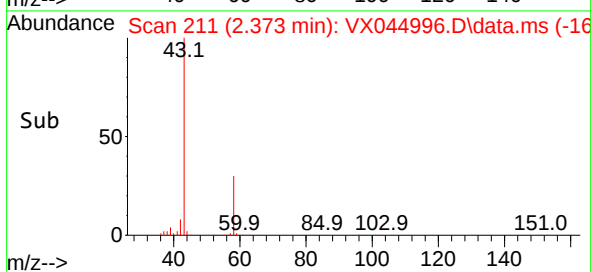
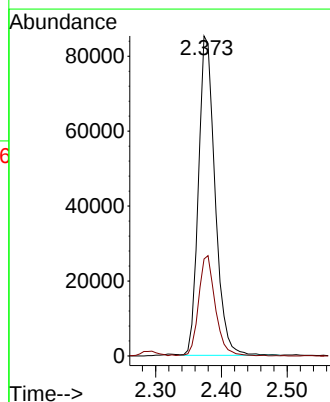
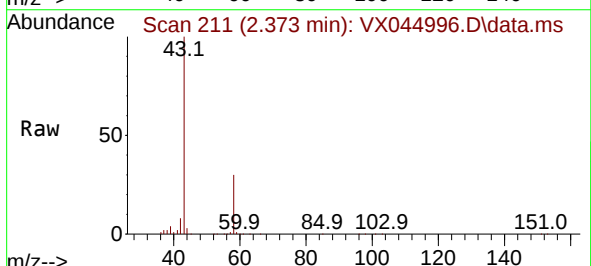
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#16
Acetone
Concen: 249.356 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 43 Resp: 148842
Ion Ratio Lower Upper
43 100
58 30.3 26.5 39.7





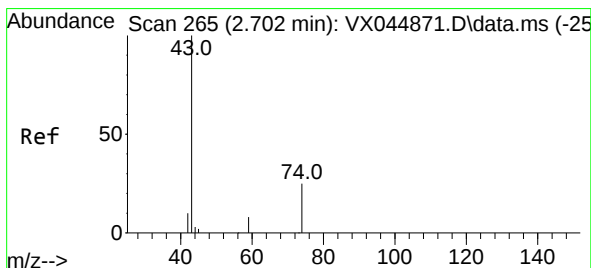
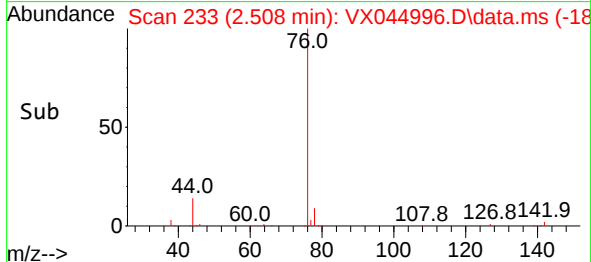
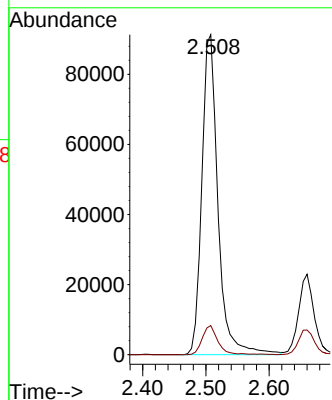
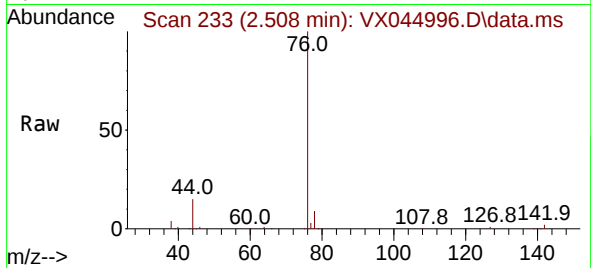
#17
Carbon Disulfide
Concen: 45.163 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 161914
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4

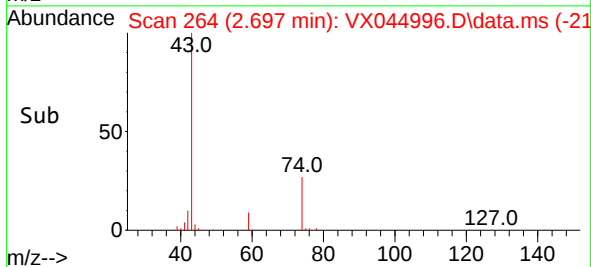
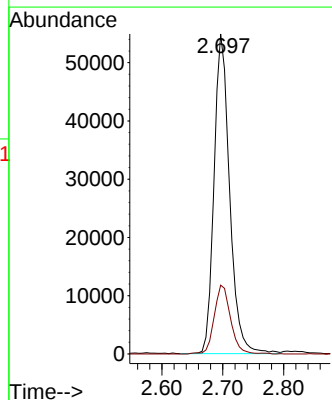
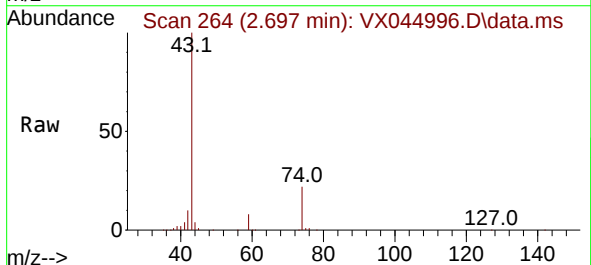
Manual Integrations
APPROVED

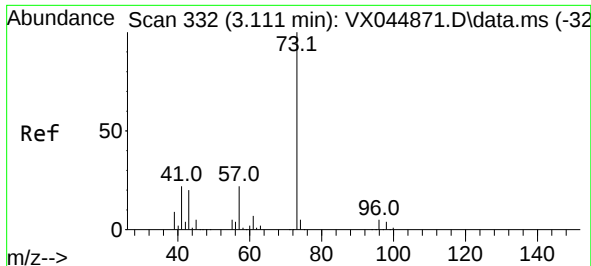
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#18
Methyl Acetate
Concen: 51.750 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 43 Resp: 97477
Ion Ratio Lower Upper
43 100
74 22.6 18.9 28.3





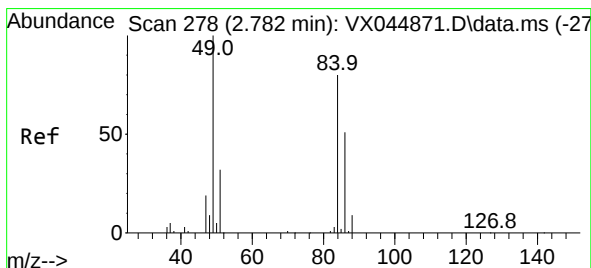
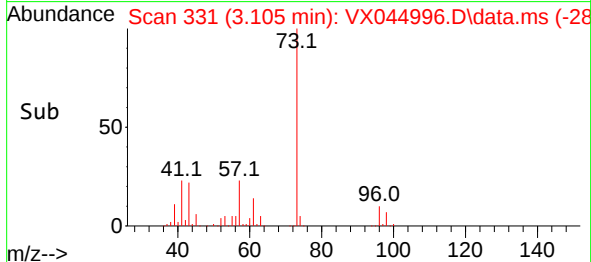
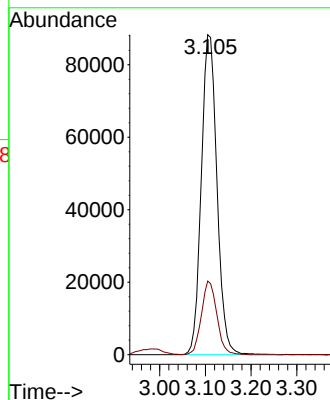
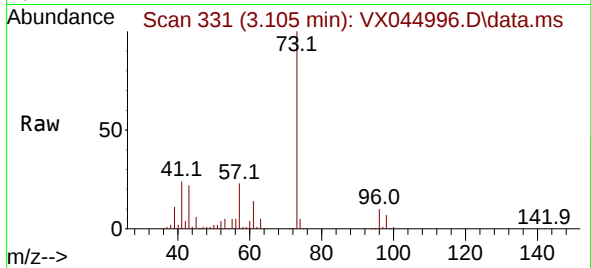
#19
Methyl tert-butyl Ether
Concen: 50.417 ug/l
RT: 3.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 20972
Ion Ratio Lower Upper
73 100
57 23.0 17.9 26.9

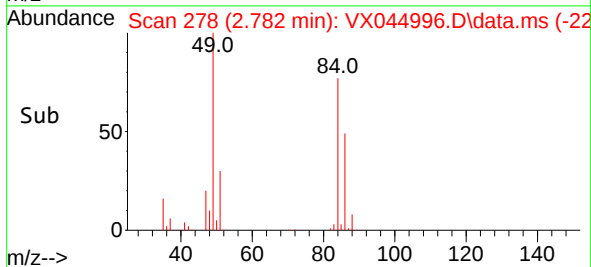
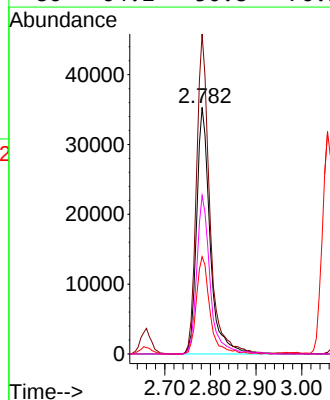
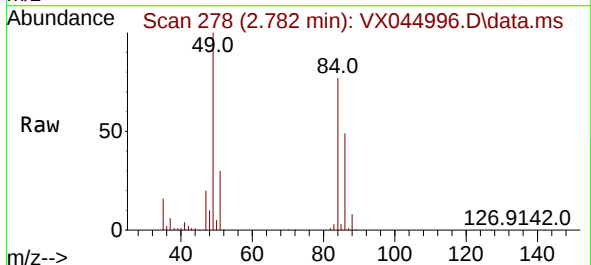
Manual Integrations
APPROVED

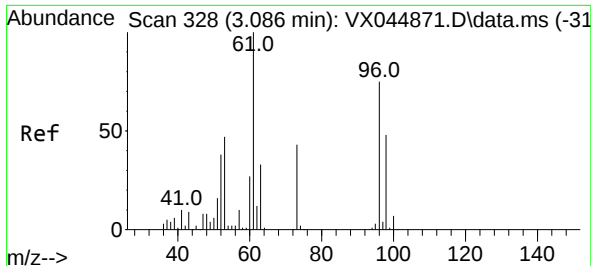
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#20
Methylene Chloride
Concen: 49.380 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

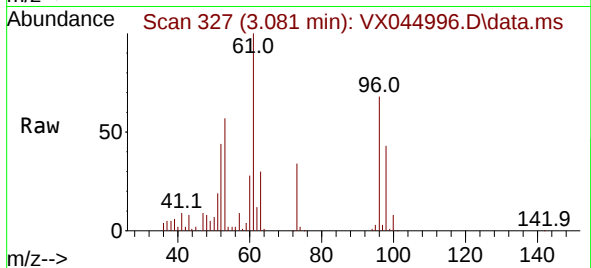
Tgt Ion: 84 Resp: 72196
Ion Ratio Lower Upper
84 100
49 129.8 100.1 150.1
51 39.5 31.7 47.5
86 64.2 50.8 76.2





#21
trans-1,2-Dichloroethene
Concen: 48.502 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

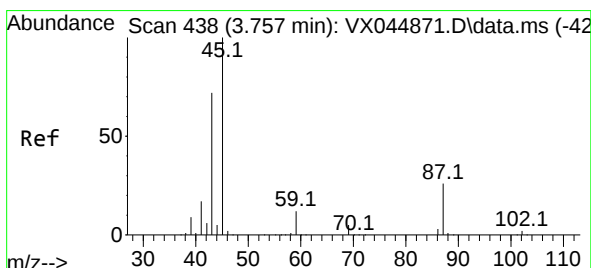
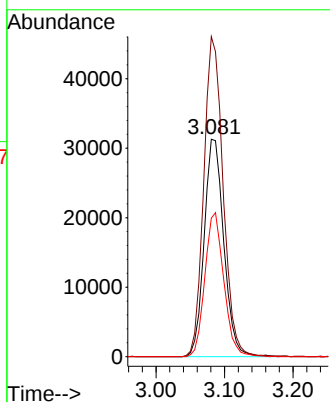
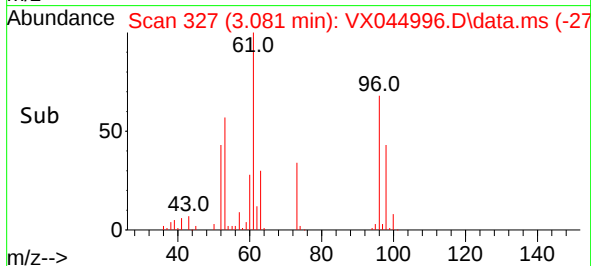
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 6241
Ion Ratio Lower Upper
96 100
61 147.2 106.0 159.0
98 63.7 50.6 76.0

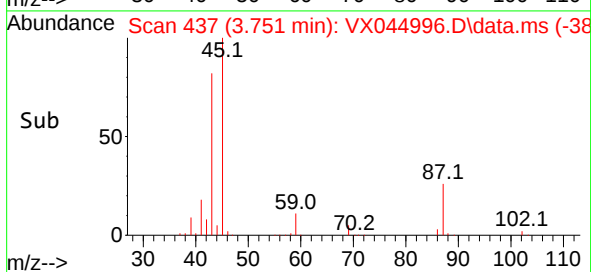
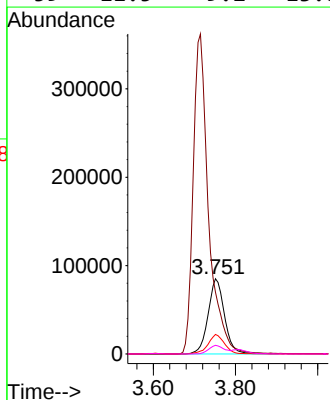
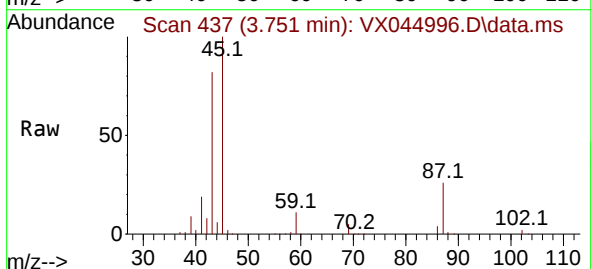
Manual Integrations
APPROVED

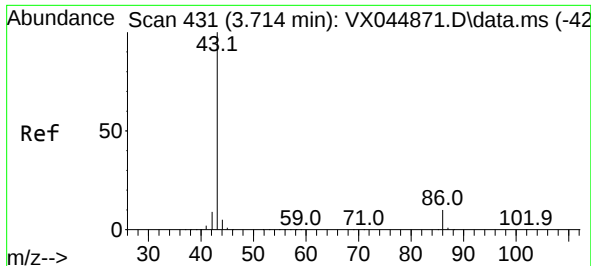
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#22
Diisopropyl ether
Concen: 52.711 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

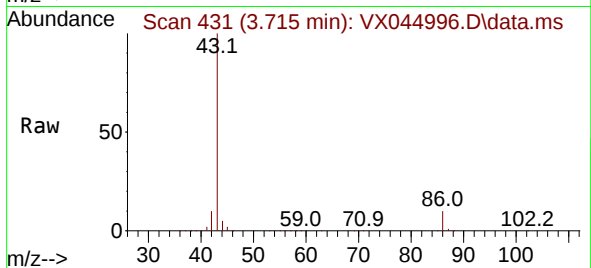
Tgt Ion: 45 Resp: 235626
Ion Ratio Lower Upper
45 100
43 82.0 58.0 87.0
87 26.0 20.7 31.1
59 11.5 9.2 13.8





#23
 Vinyl Acetate
 Concen: 257.688 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52

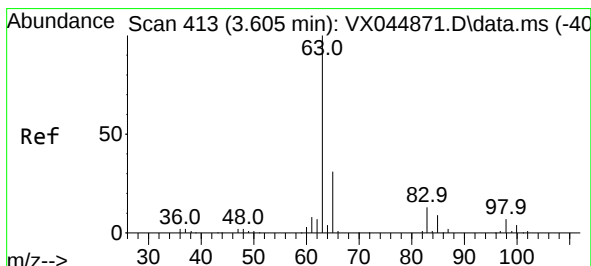
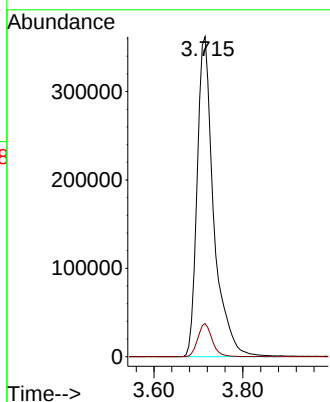
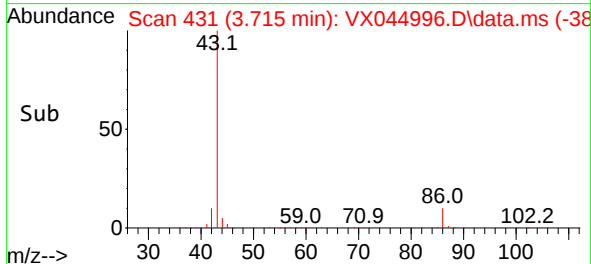
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



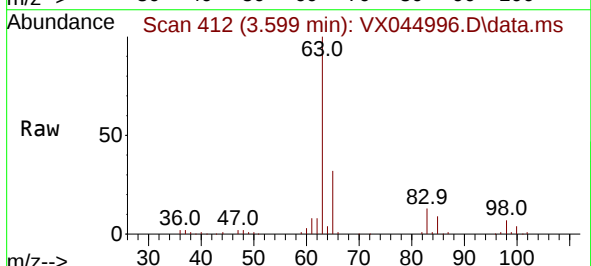
Tgt Ion: 43 Resp: 939094
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.3 12.5

Manual Integrations
 APPROVED

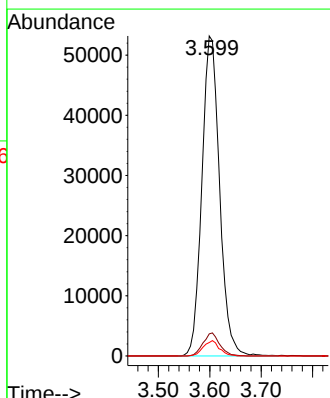
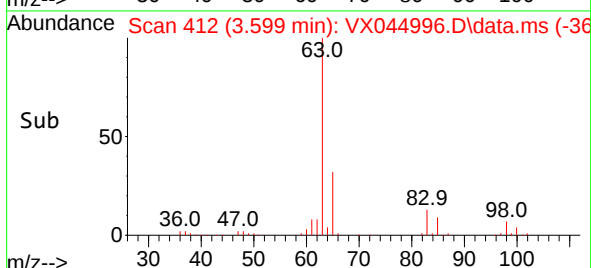
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

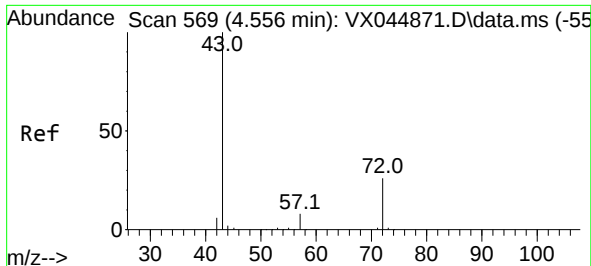


#24
 1,1-Dichloroethane
 Concen: 50.844 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. -0.006 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52



Tgt Ion: 63 Resp: 127172
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.3 9.9
 100 4.2 2.1 6.5





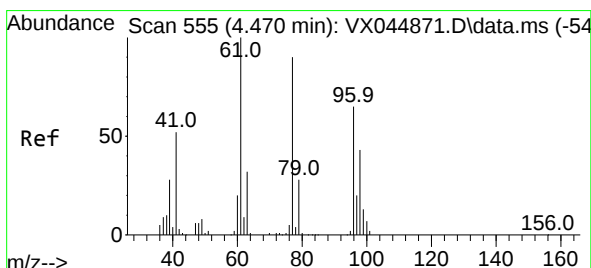
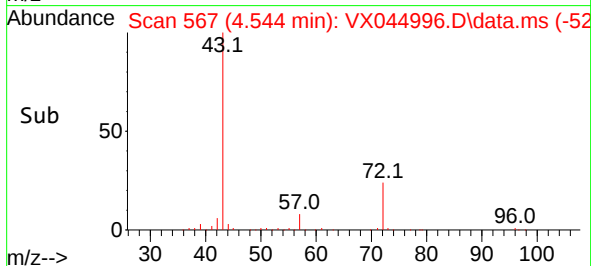
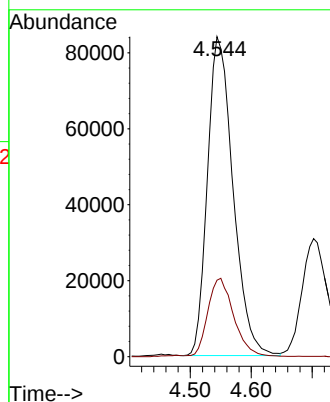
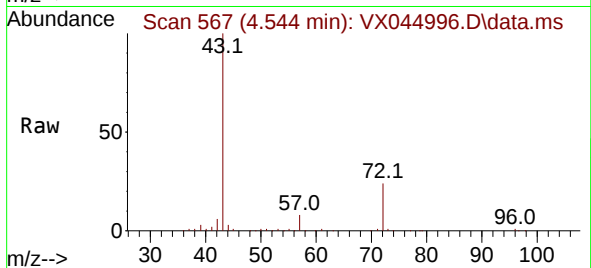
#25
2-Butanone
Concen: 253.117 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 245338
Ion Ratio Lower Upper
43 100
72 23.8 21.2 31.8

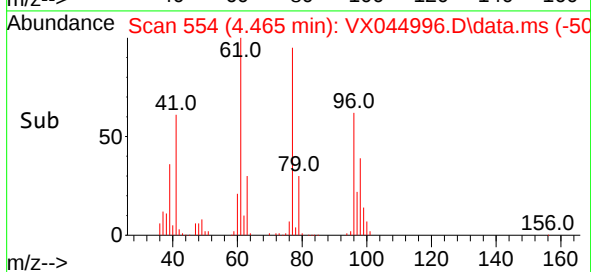
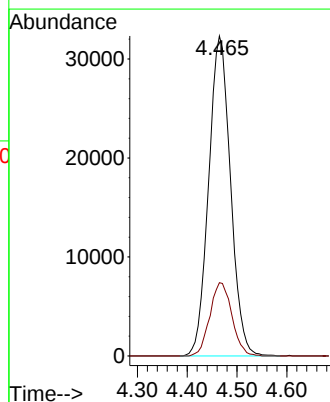
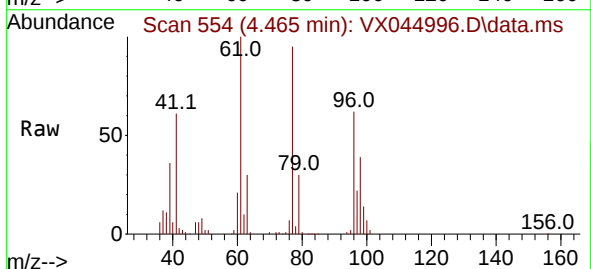
Manual Integrations
APPROVED

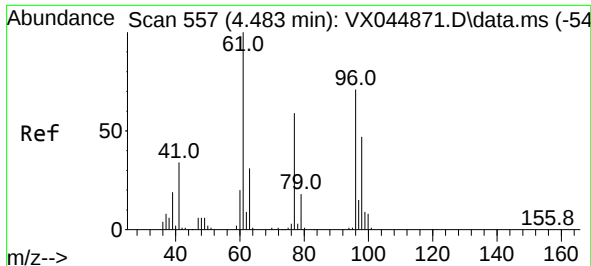
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#26
2,2-Dichloropropane
Concen: 49.591 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 77 Resp: 98366
Ion Ratio Lower Upper
77 100
97 23.1 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 50.832 ug/l

RT: 4.477 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

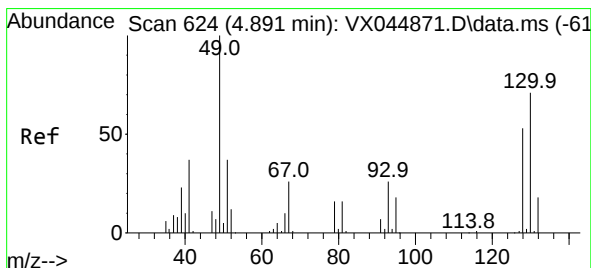
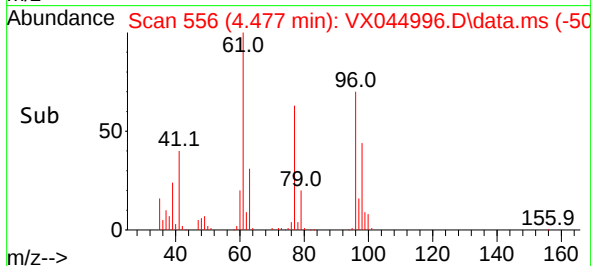
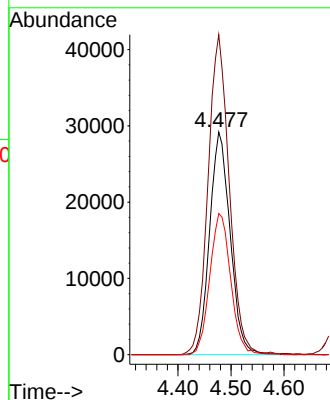
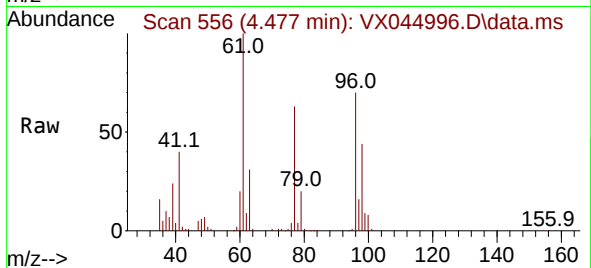
Tgt Ion: 96	Resp: 7856
Ion Ratio	Lower Upper
96 100	
61 147.9	0.0 294.0
98 64.6	0.0 131.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#28

Bromochloromethane

Concen: 50.228 ug/l

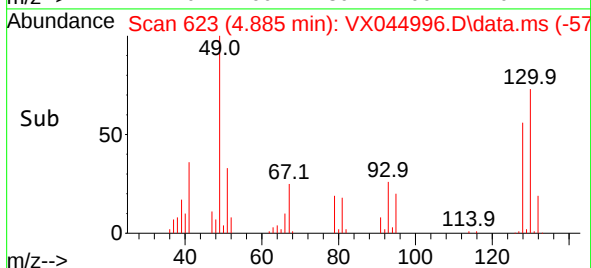
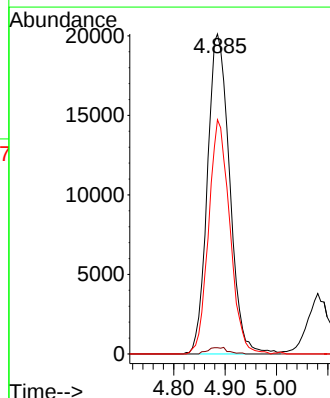
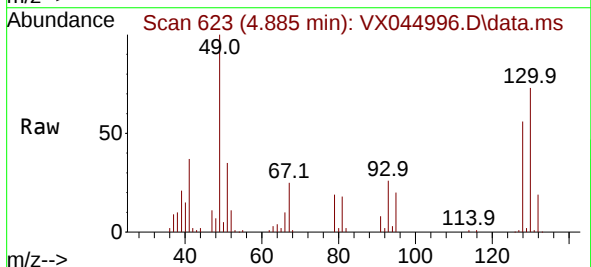
RT: 4.885 min Scan# 623

Delta R.T. -0.006 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Tgt Ion: 49	Resp: 60375
Ion Ratio	Lower Upper
49 100	
129 1.8	0.0 3.6
130 69.8	56.7 85.1





#29

Tetrahydrofuran

Concen: 248.446 ug/l

RT: 4.995 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 159904

Ion Ratio Lower Upper

42 100

72 43.0 35.0 52.4

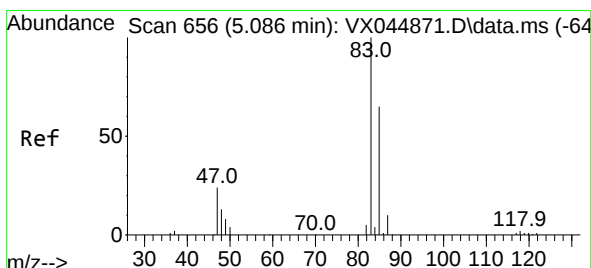
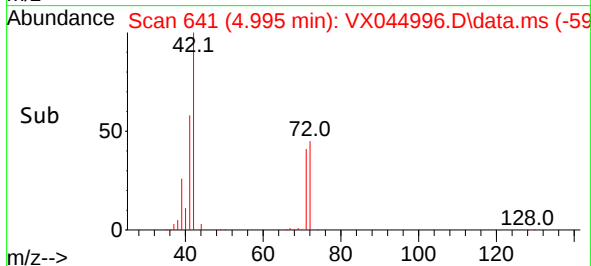
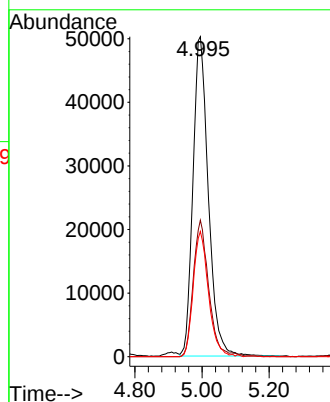
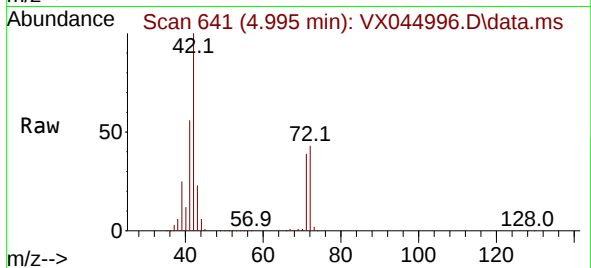
71 38.8 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#30

Chloroform

Concen: 51.947 ug/l

RT: 5.080 min Scan# 655

Delta R.T. -0.006 min

Lab File: VX044996.D

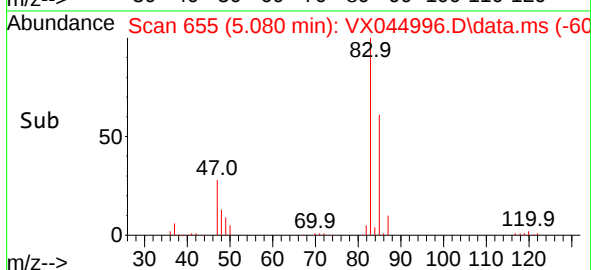
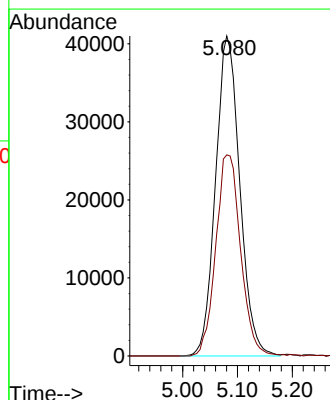
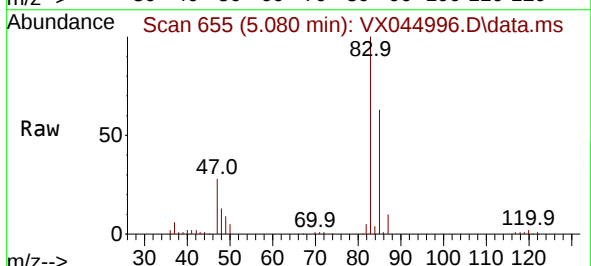
Acq: 19 Feb 2025 10:52

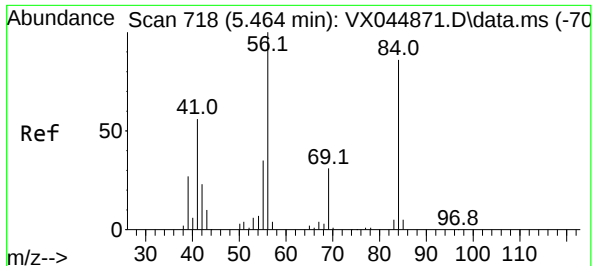
Tgt Ion: 83 Resp: 126006

Ion Ratio Lower Upper

83 100

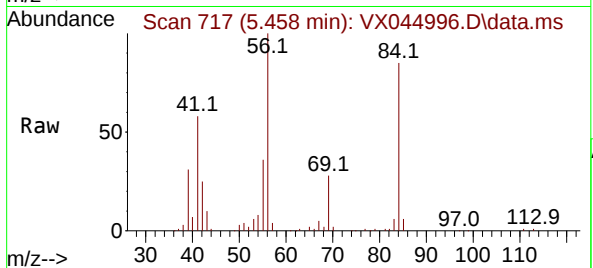
85 62.9 52.1 78.1





#31
Cyclohexane
Concen: 48.500 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

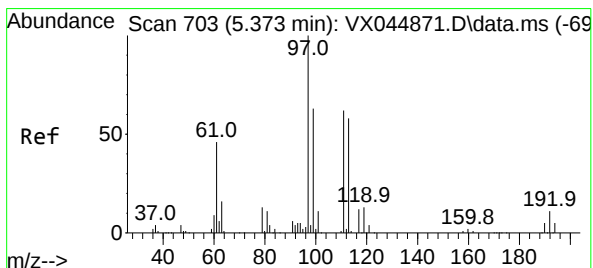
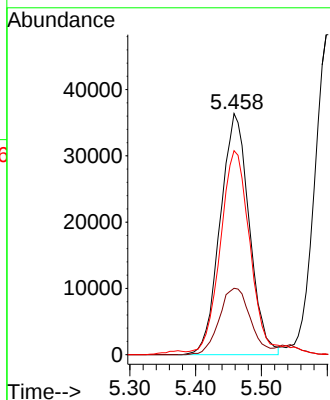
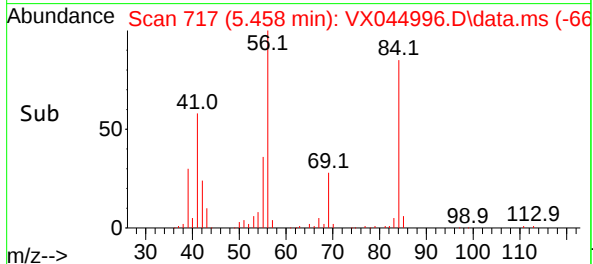
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



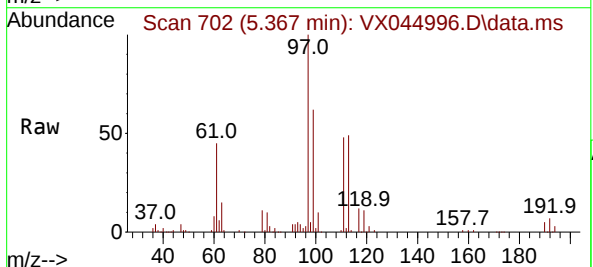
Tgt Ion: 56 Resp: 111835
Ion Ratio Lower Upper
56 100
69 27.5 24.4 36.6
84 82.9 69.0 103.6

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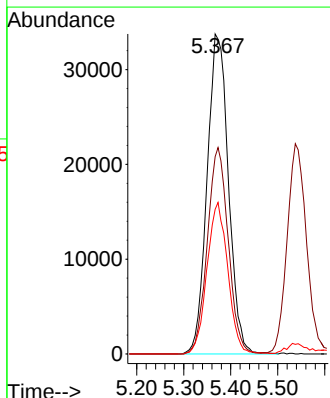
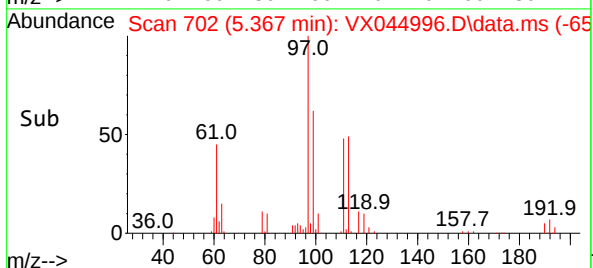
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

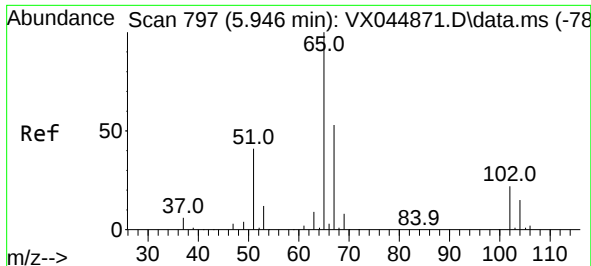


#32
1,1,1-Trichloroethane
Concen: 51.747 ug/l
RT: 5.367 min Scan# 702
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52



Tgt Ion: 97 Resp: 106467
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 46.4 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 44.794 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 6651

Ion Ratio Lower Upper

65 100

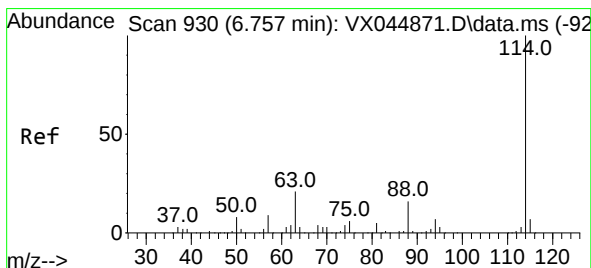
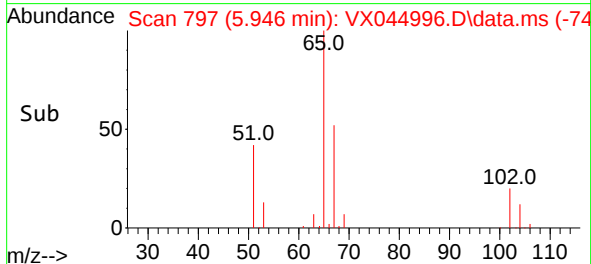
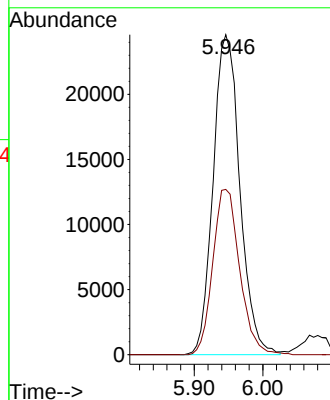
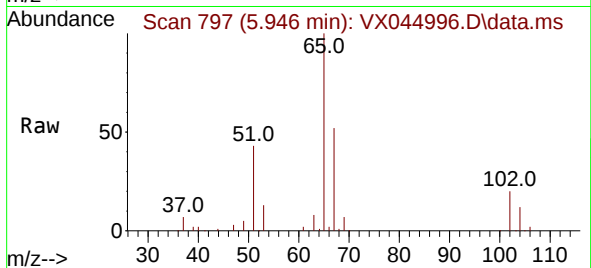
67 52.0 0.0 108.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

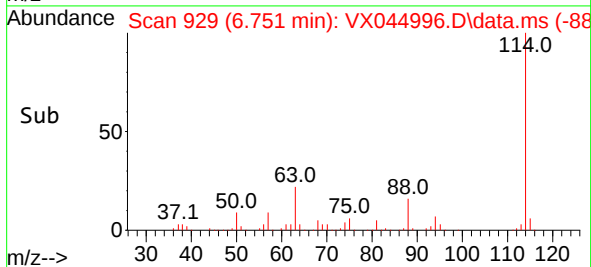
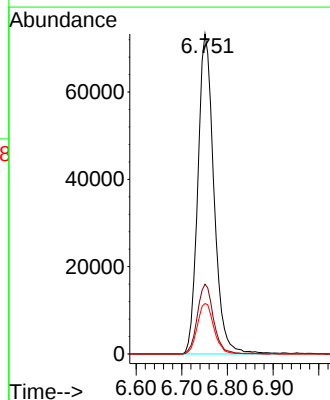
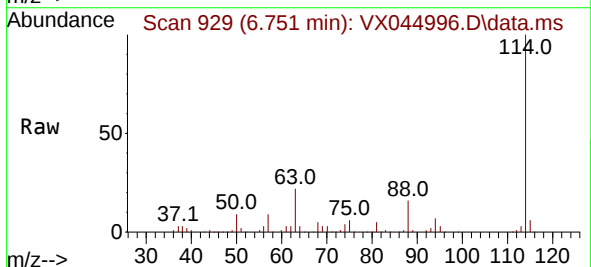
Tgt Ion:114 Resp: 178680

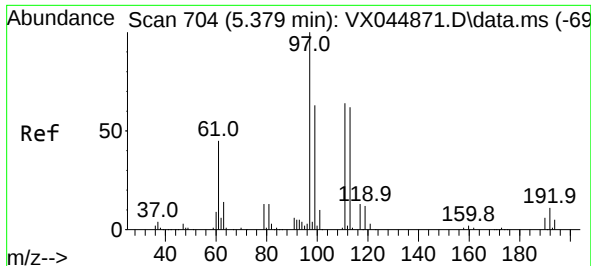
Ion Ratio Lower Upper

114 100

63 21.8 0.0 42.4

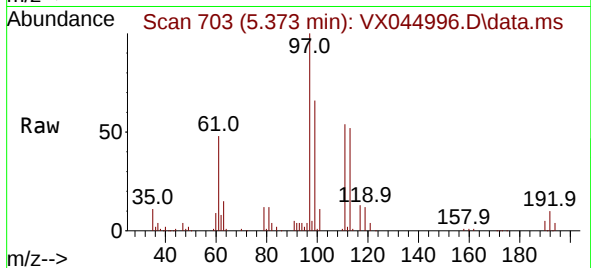
88 15.8 0.0 31.4





#35
Dibromofluoromethane
Concen: 45.425 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

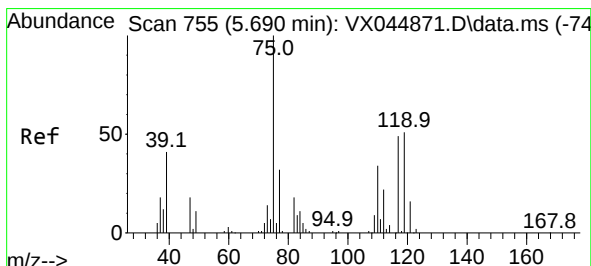
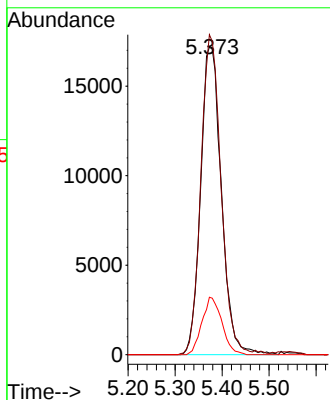
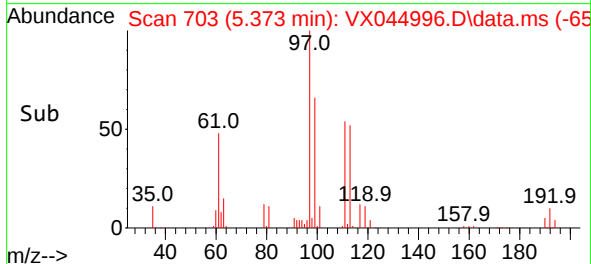
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 5277
Ion Ratio Lower Upper
113 100
111 100.5 83.5 125.3
192 17.9 14.4 21.6

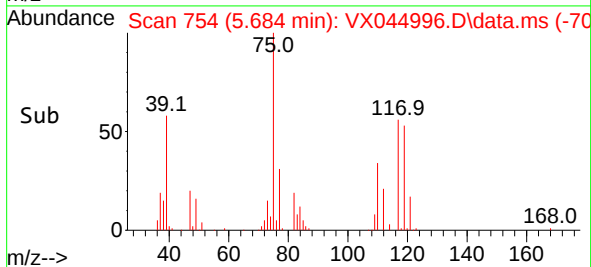
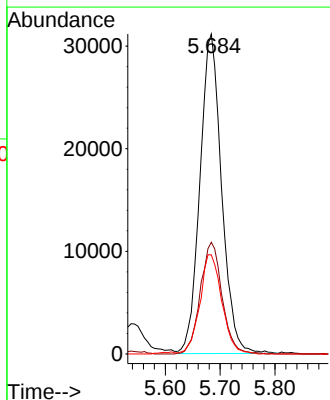
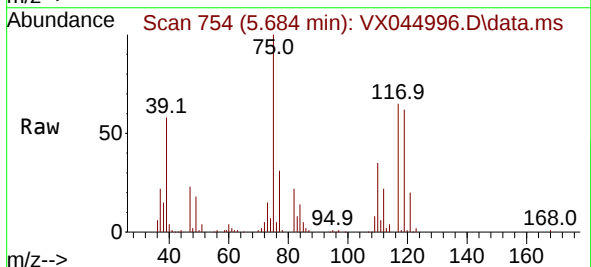
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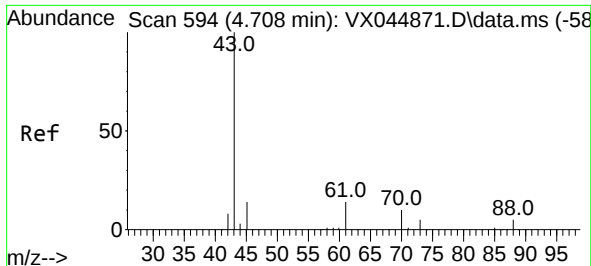
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#36
1,1-Dichloropropene
Concen: 51.033 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 75 Resp: 85534
Ion Ratio Lower Upper
75 100
110 35.1 17.2 51.6
77 31.6 24.6 37.0





#37

Ethyl Acetate

Concen: 49.567 ug/l

RT: 4.702 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 9240

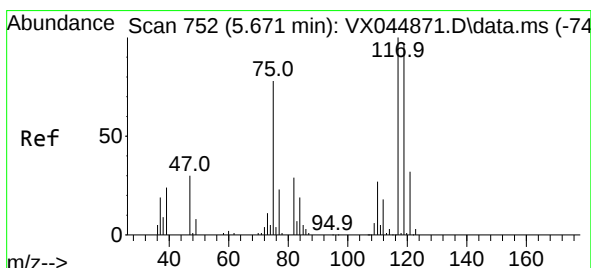
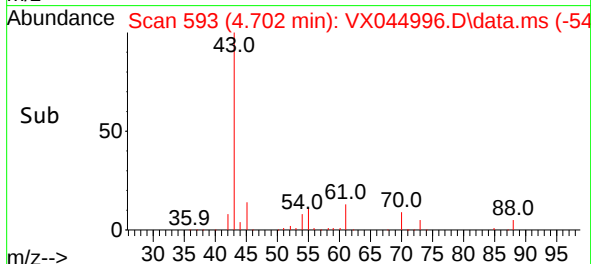
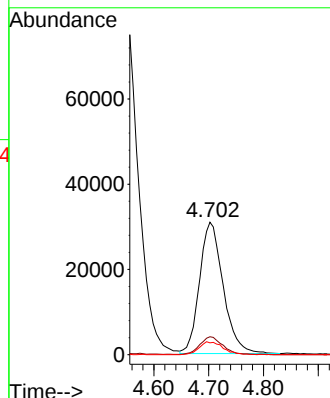
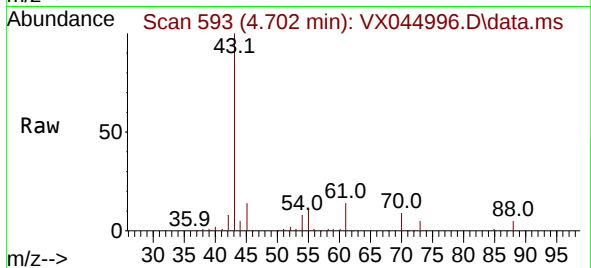
Ion	Ratio	Lower	Upper
43	100		
61	12.7	11.0	16.4
70	9.9	8.2	12.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#38

Carbon Tetrachloride

Concen: 53.220 ug/l

RT: 5.666 min Scan# 751

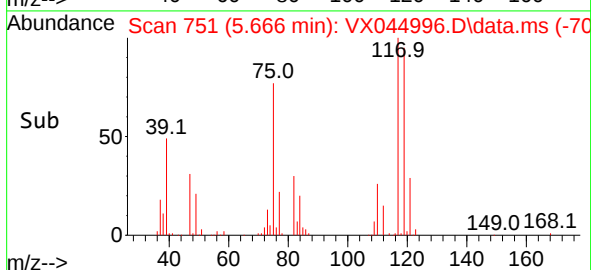
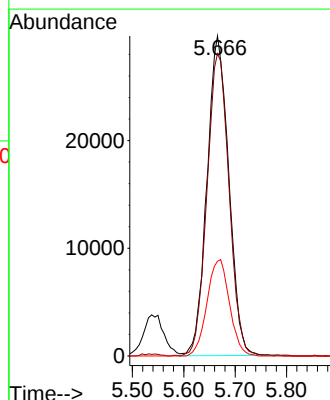
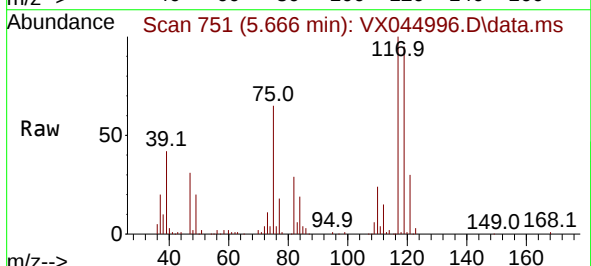
Delta R.T. -0.006 min

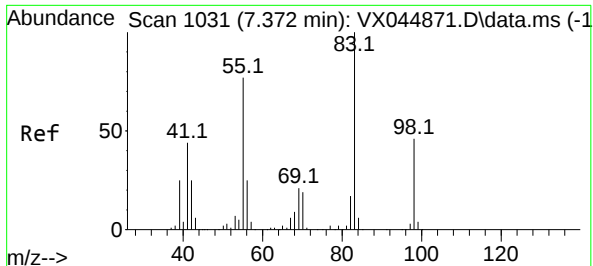
Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Tgt Ion:117 Resp: 87410

Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.5	116.3
121	29.7	25.6	38.4





#39

Methylcyclohexane

Concen: 52.925 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 11468

Ion Ratio Lower Upper

83 100

55 75.6 61.3 91.9

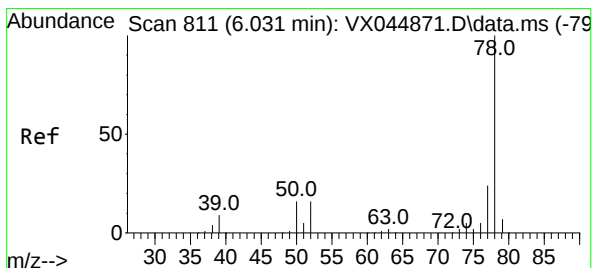
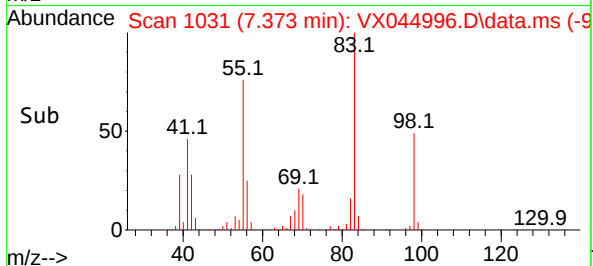
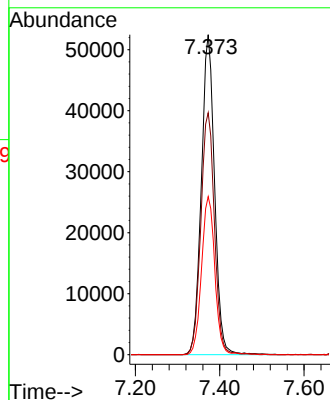
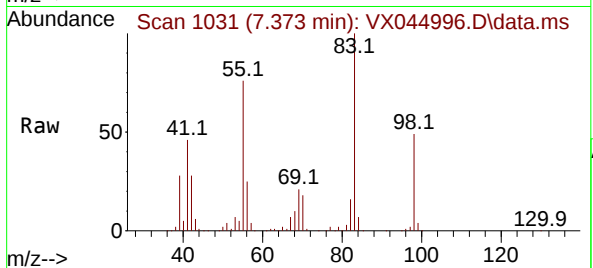
98 49.4 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#40

Benzene

Concen: 52.641 ug/l

RT: 6.025 min Scan# 810

Delta R.T. -0.006 min

Lab File: VX044996.D

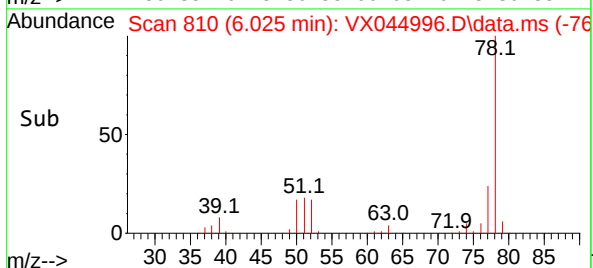
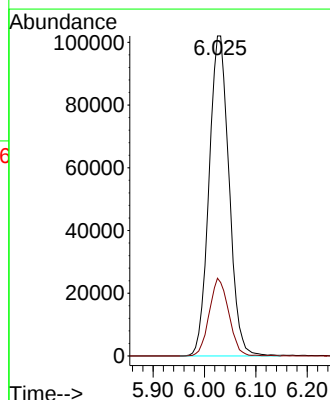
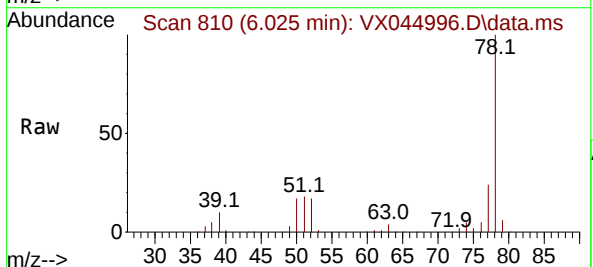
Acq: 19 Feb 2025 10:52

Tgt Ion: 78 Resp: 275503

Ion Ratio Lower Upper

78 100

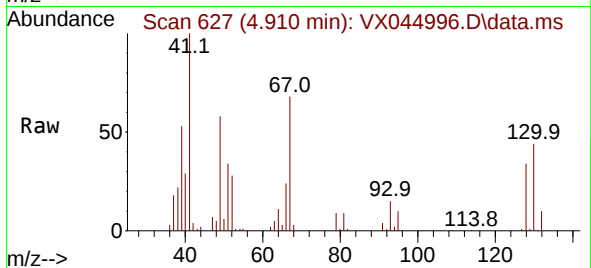
77 24.3 19.0 28.6





#41
Methacrylonitrile
Concen: 55.024 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

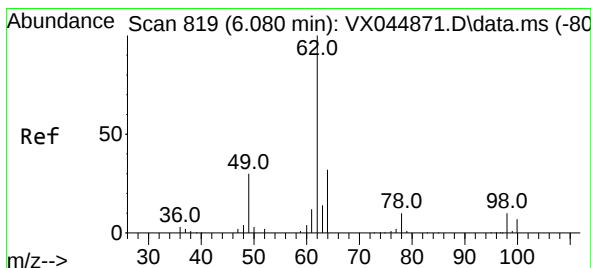
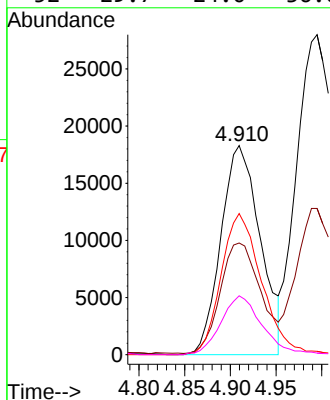
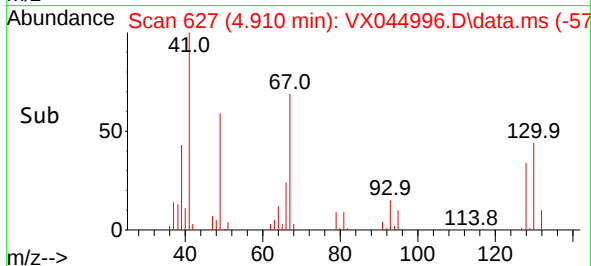
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 54900
Ion Ratio Lower Upper
41 100
39 54.3 43.1 64.7
67 69.6 57.0 85.6
52 29.7 24.0 36.0

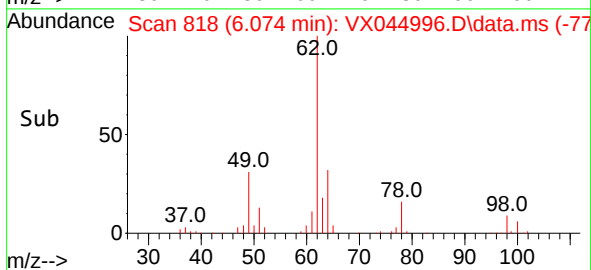
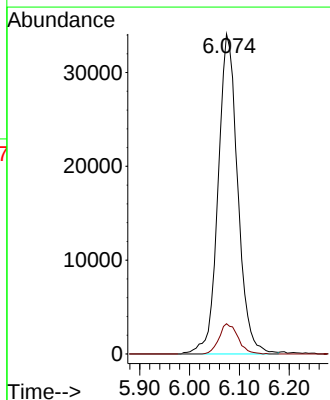
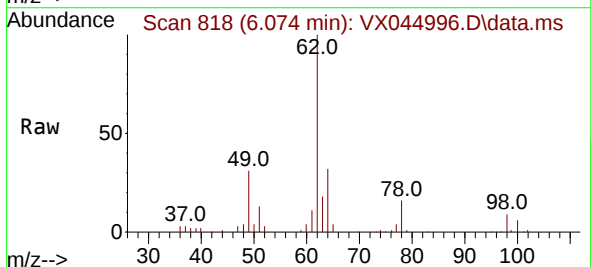
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#42
1,2-Dichloroethane
Concen: 55.945 ug/l
RT: 6.074 min Scan# 818
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

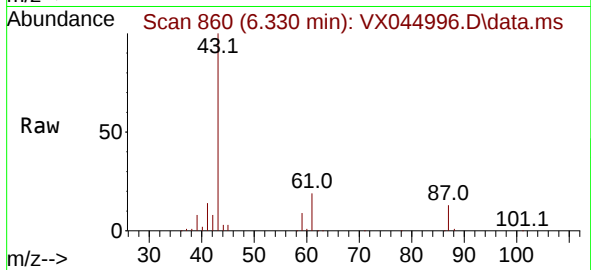
Tgt Ion: 62 Resp: 93316
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 52.490 ug/l
RT: 6.330 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

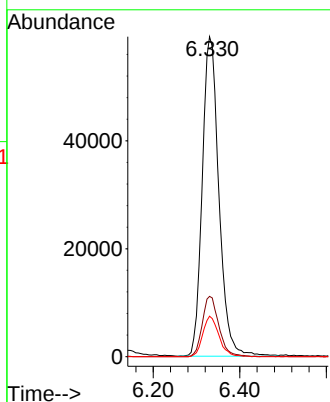
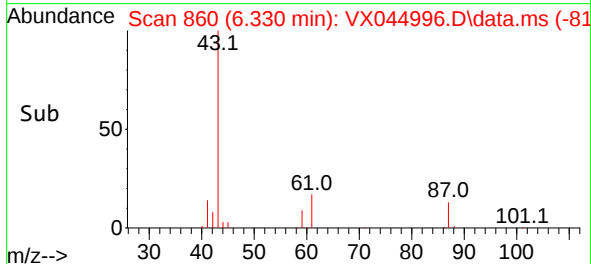
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 158018
Ion Ratio Lower Upper
43 100
61 18.8 15.8 23.8
87 12.2 10.0 15.0

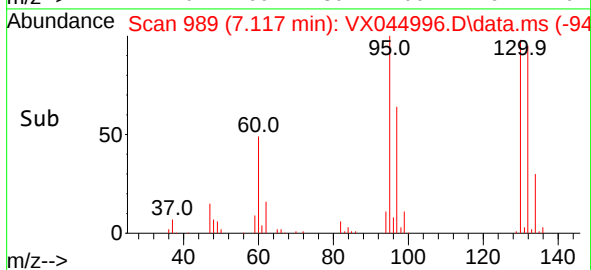
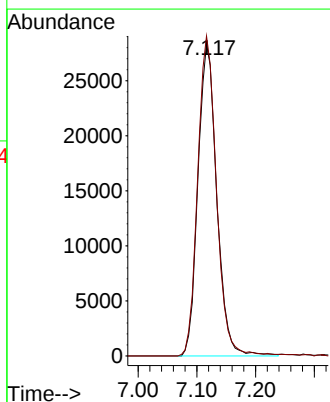
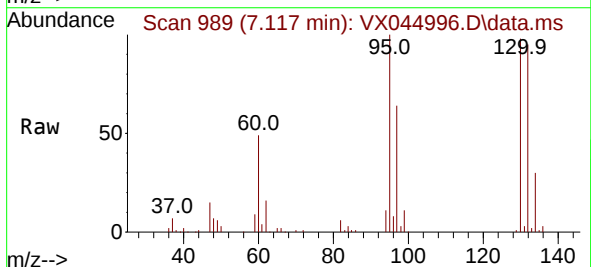
Manual Integrations
APPROVED

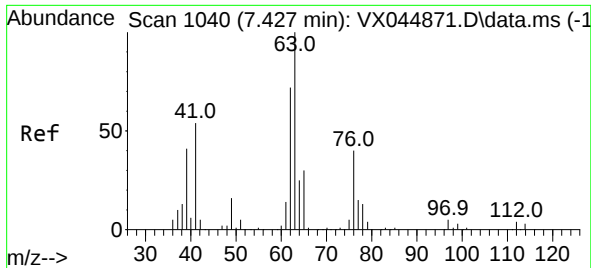
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#44
Trichloroethene
Concen: 52.769 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

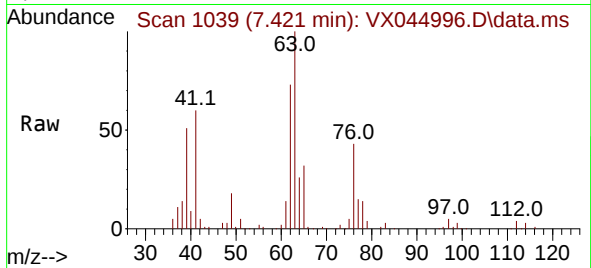
Tgt Ion:130 Resp: 63126
Ion Ratio Lower Upper
130 100
95 102.5 0.0 202.4





#45
1,2-Dichloropropane
Concen: 53.362 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

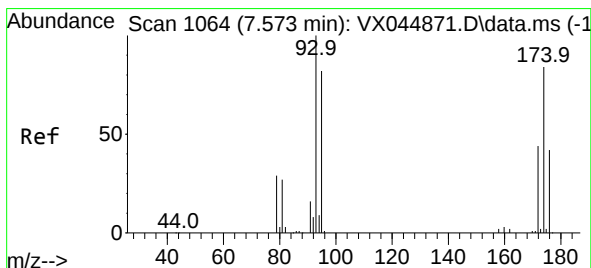
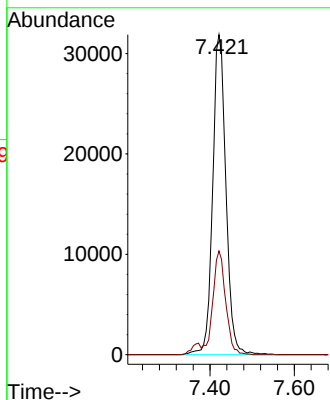
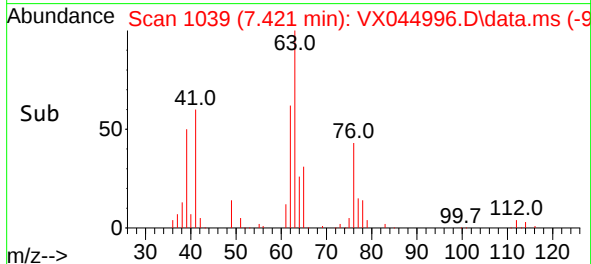
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 69475
Ion Ratio Lower Upper
63 100
65 32.4 24.2 36.4

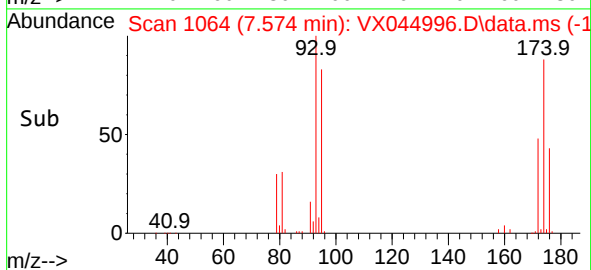
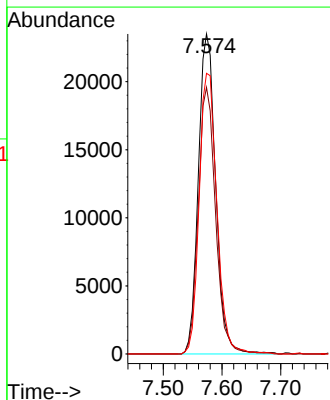
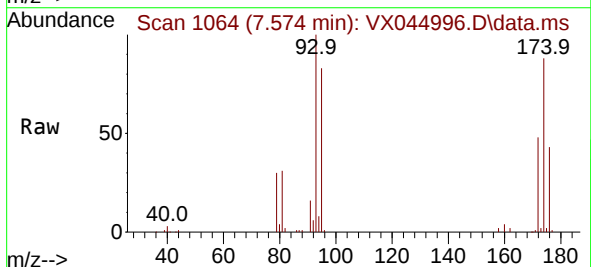
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#46
Dibromomethane
Concen: 53.463 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 93 Resp: 48275
Ion Ratio Lower Upper
93 100
95 83.2 66.2 99.4
174 89.8 69.9 104.9





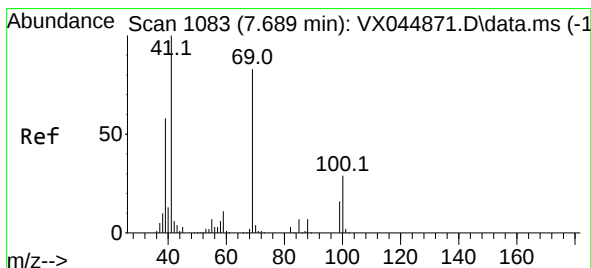
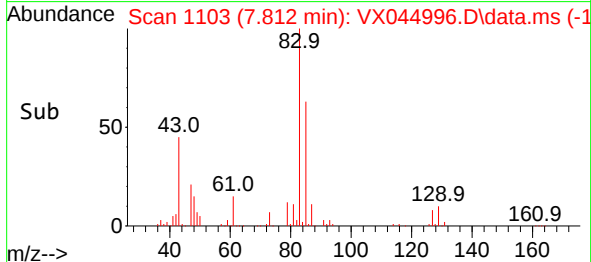
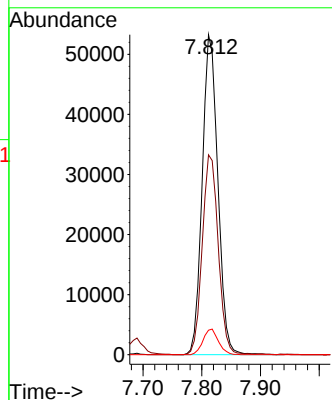
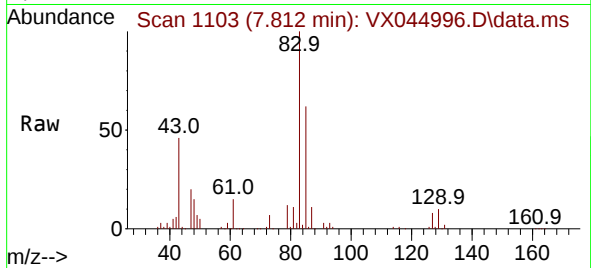
#47
Bromodichloromethane
Concen: 56.192 ug/l
RT: 7.812 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 9824
Ion Ratio Lower Upper
83 100
85 62.5 50.0 75.0
127 7.7 6.4 9.6

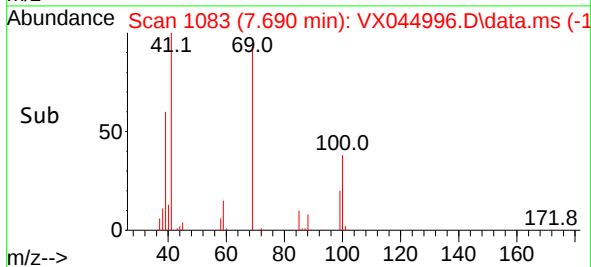
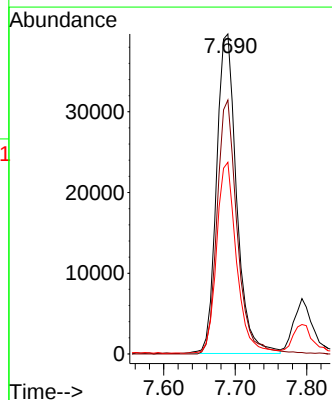
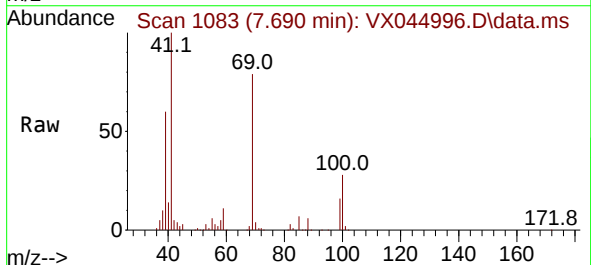
Manual Integrations
APPROVED

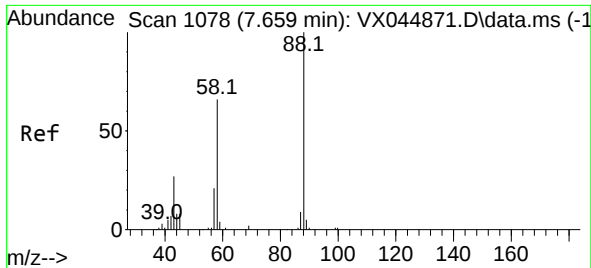
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#48
Methyl methacrylate
Concen: 54.500 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 41 Resp: 77361
Ion Ratio Lower Upper
41 100
69 79.5 65.8 98.8
39 59.4 46.4 69.6





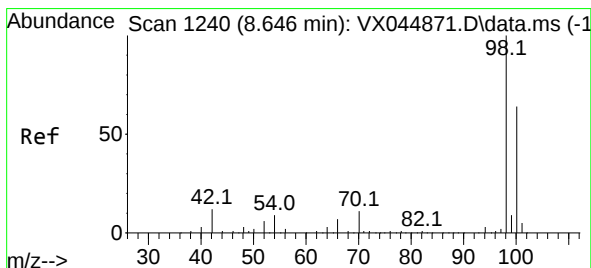
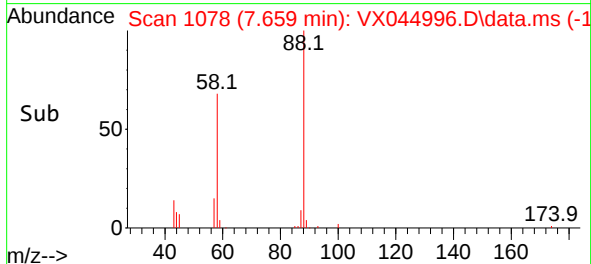
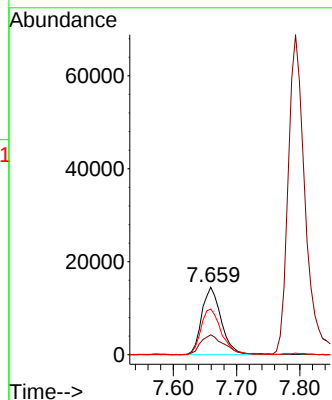
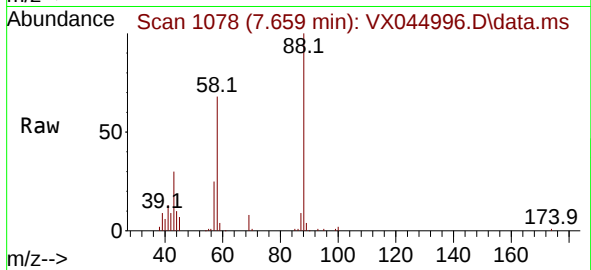
#49
1,4-Dioxane
Concen: 1027.728 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 31299
Ion Ratio Lower Upper
88 100
43 36.1 26.6 39.8
58 71.0 55.9 83.9

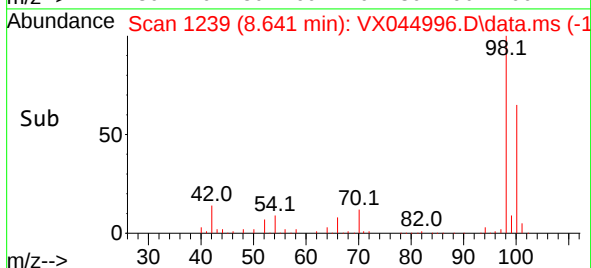
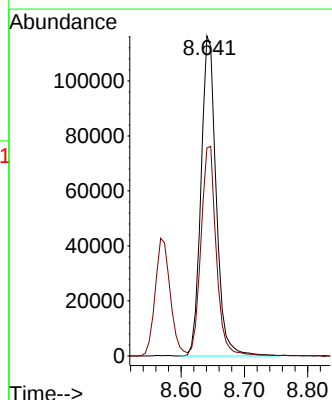
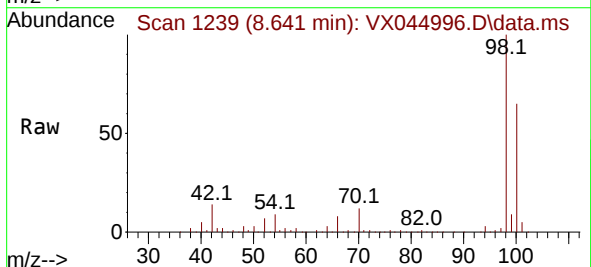
Manual Integrations
APPROVED

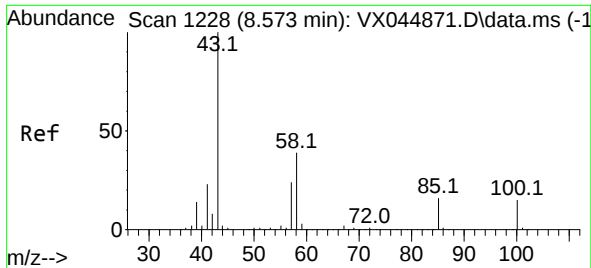
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#50
Toluene-d8
Concen: 44.245 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

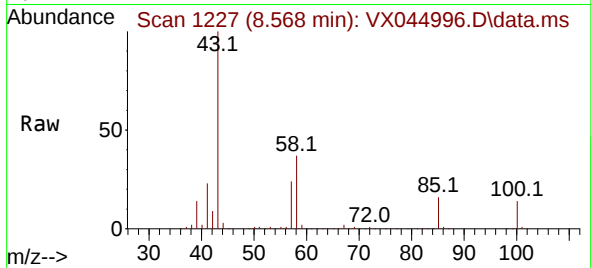
Tgt Ion: 98 Resp: 194366
Ion Ratio Lower Upper
98 100
100 66.0 52.7 79.1





#51
4-Methyl-2-Pentanone
Concen: 275.429 ug/l
RT: 8.568 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

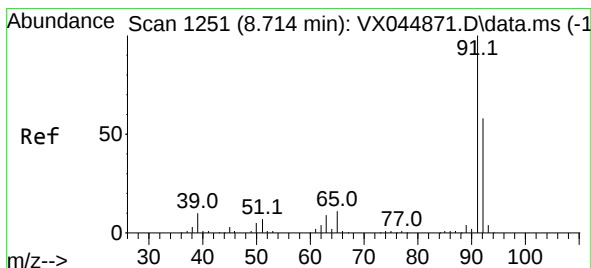
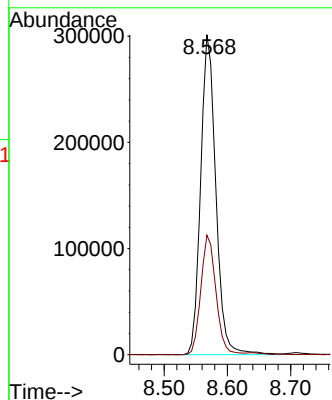
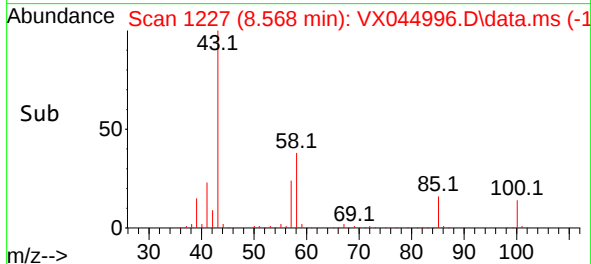
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 50408
Ion Ratio Lower Upper
43 100
58 37.2 30.8 46.2

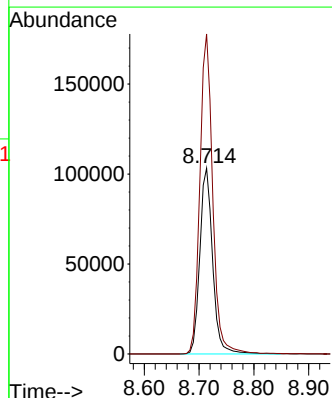
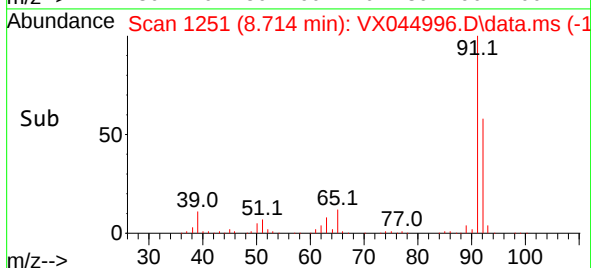
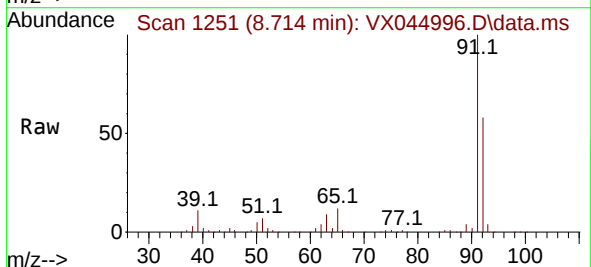
Manual Integrations
APPROVED

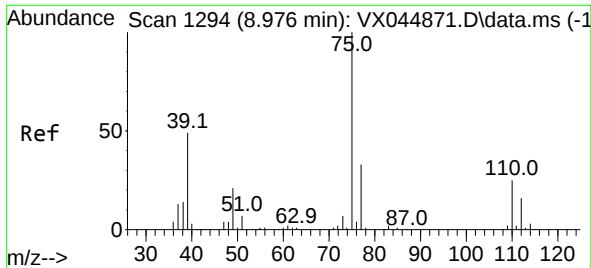
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#52
Toluene
Concen: 53.781 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 92 Resp: 167630
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 53.787 ug/l

RT: 8.970 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 9516

Ion Ratio Lower Upper

75 100

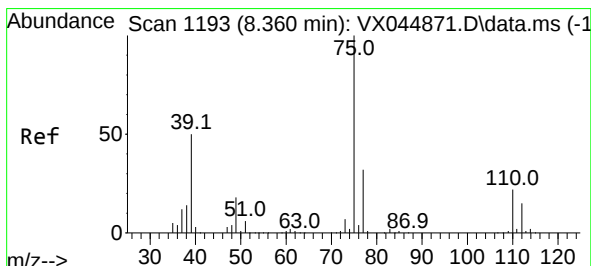
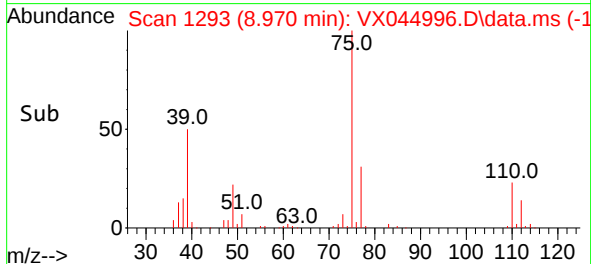
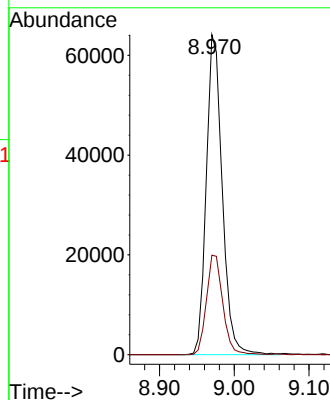
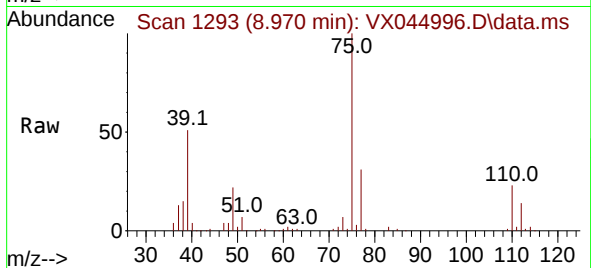
77 31.1 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#54

cis-1,3-Dichloropropene

Concen: 54.623 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

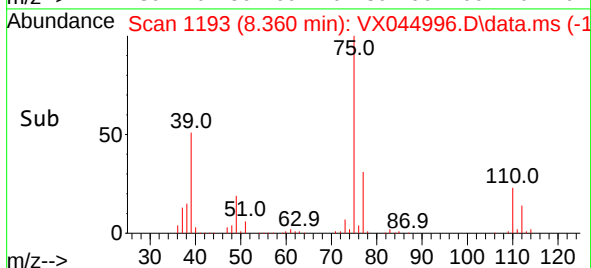
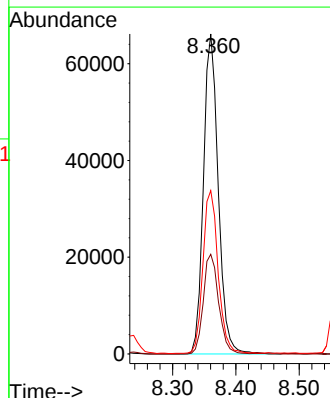
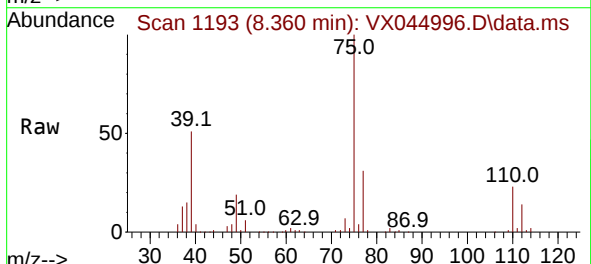
Tgt Ion: 75 Resp: 107755

Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 50.9 40.0 60.0





#55
1,1,2-Trichloroethane
Concen: 54.318 ug/l
RT: 9.147 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

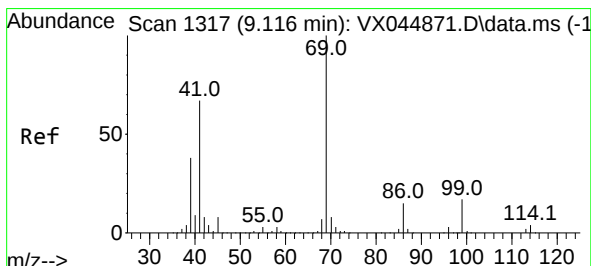
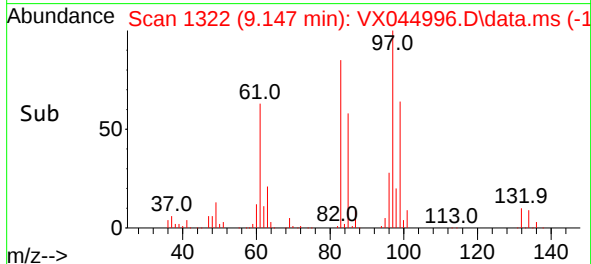
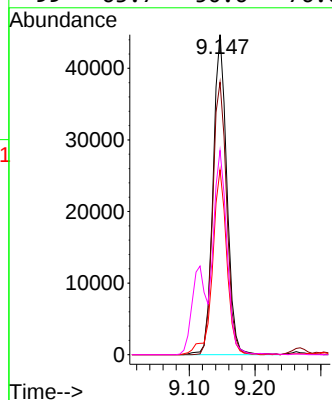
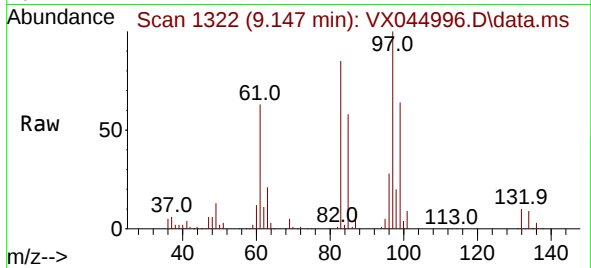
Tgt Ion: 97 Resp: 6508
Ion Ratio Lower Upper
97 100
83 85.2 69.8 104.6
85 57.8 44.8 67.2
99 63.7 50.6 76.0

Manual Integrations

APPROVED

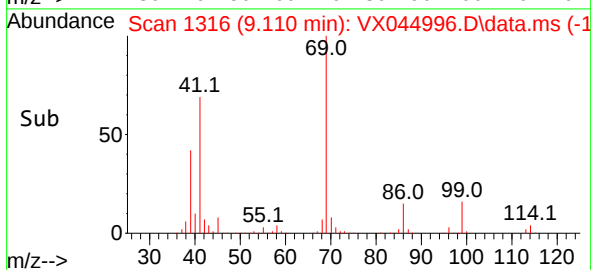
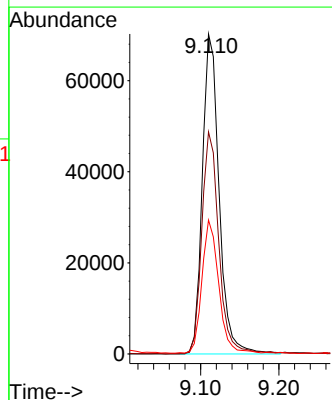
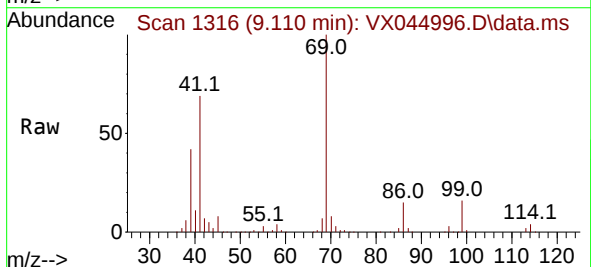
Reviewed By :John Carlone 02/20/2025

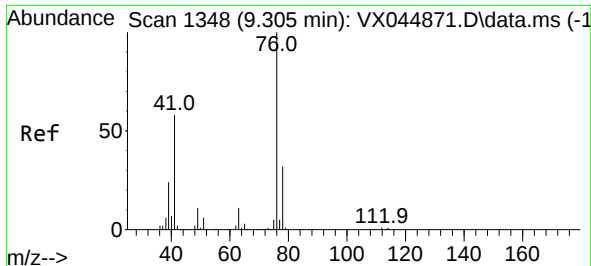
Supervised By :Mahesh Dadoda 02/20/2025



#56
Ethyl methacrylate
Concen: 53.894 ug/l
RT: 9.110 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 69 Resp: 104293
Ion Ratio Lower Upper
69 100
41 71.4 55.2 82.8
39 41.4 30.8 46.2





#57

1,3-Dichloropropane

Concen: 54.527 ug/l

RT: 9.305 min Scan# 11431

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 11431

Ion Ratio Lower Upper

76 100

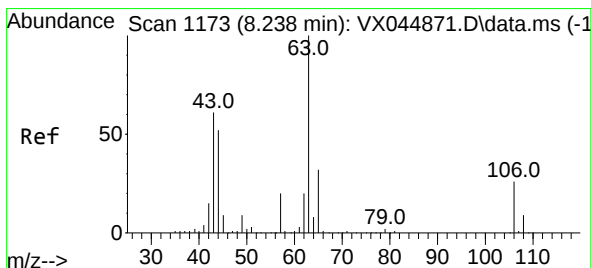
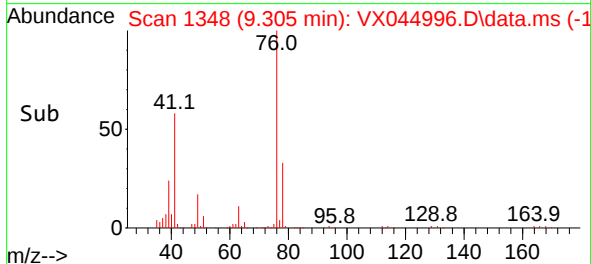
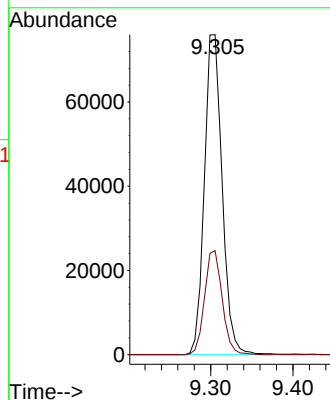
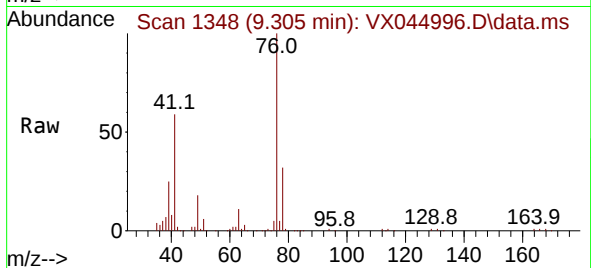
78 32.3 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#58

2-Chloroethyl Vinyl ether

Concen: 281.503 ug/l

RT: 8.232 min Scan# 1172

Delta R.T. -0.006 min

Lab File: VX044996.D

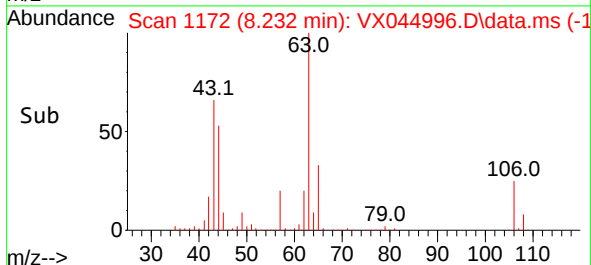
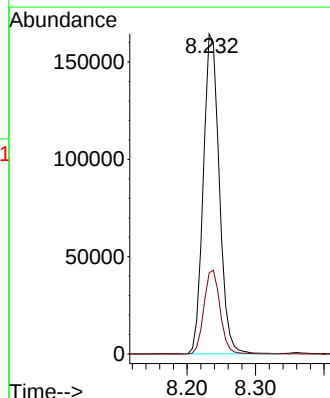
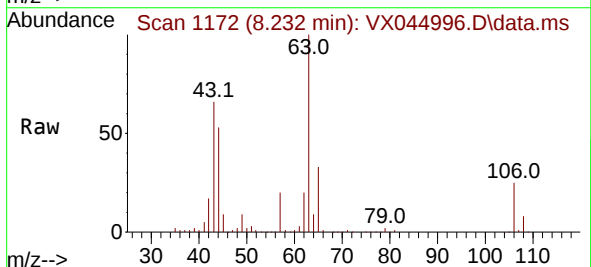
Acq: 19 Feb 2025 10:52

Tgt Ion: 63 Resp: 267481

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9





#59

2-Hexanone

Concen: 276.768 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 36496

Ion Ratio Lower Upper

43 100

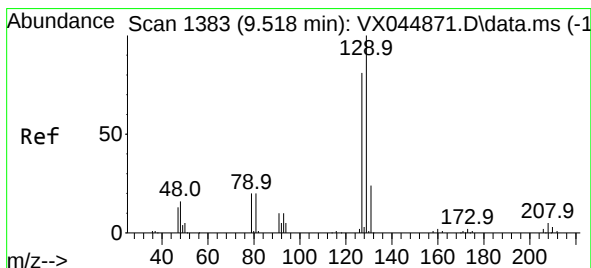
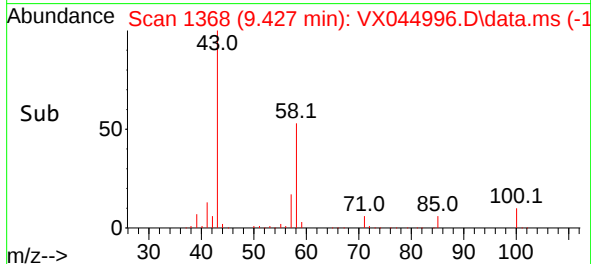
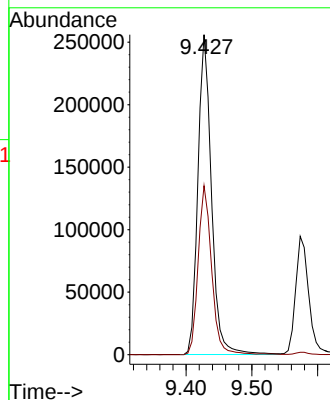
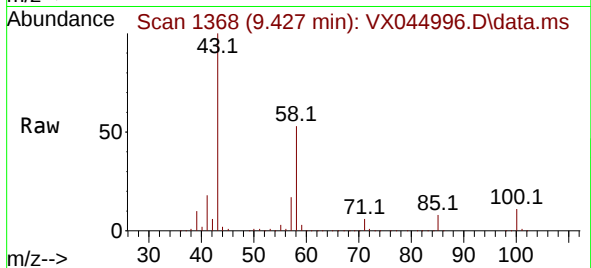
58 52.9 27.5 82.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#60

Dibromochloromethane

Concen: 56.285 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX044996.D

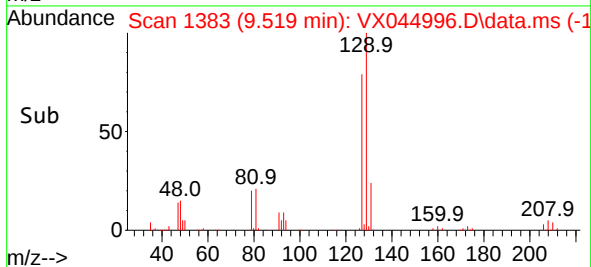
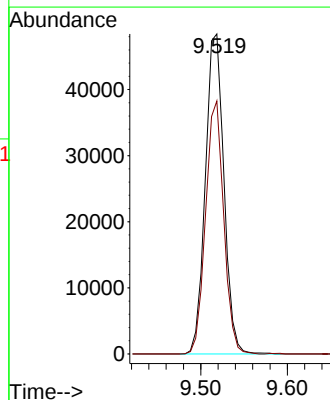
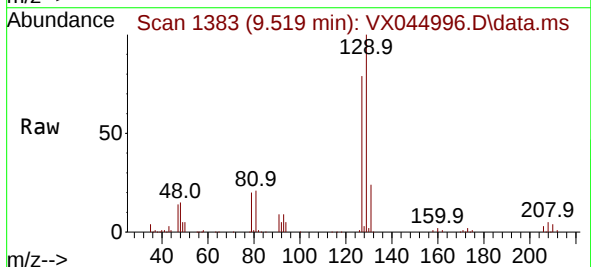
Acq: 19 Feb 2025 10:52

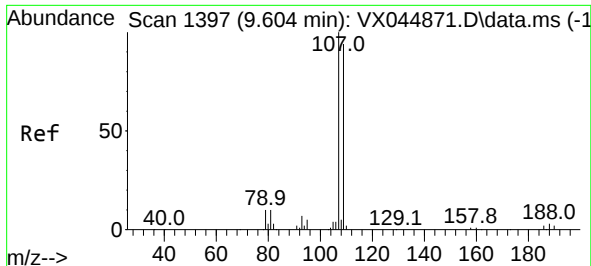
Tgt Ion:129 Resp: 72124

Ion Ratio Lower Upper

129 100

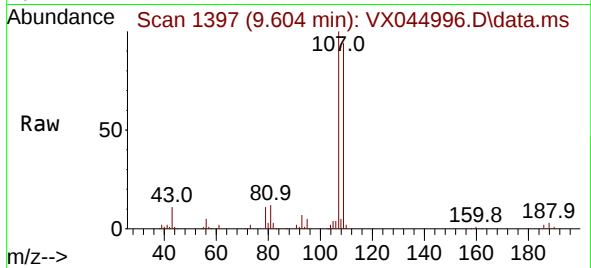
127 77.1 39.1 117.3





#61
1,2-Dibromoethane
Concen: 53.948 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

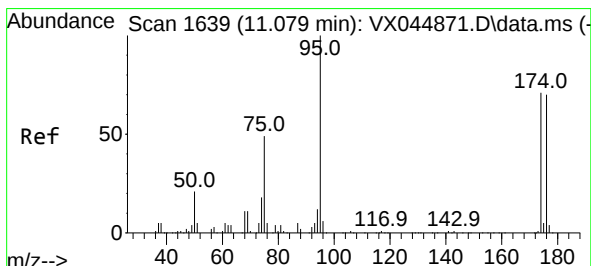
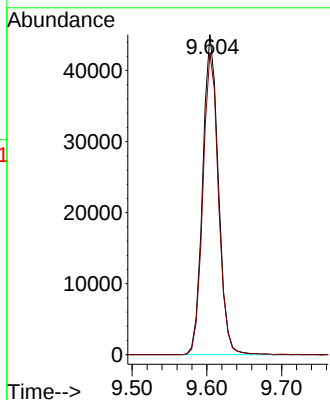
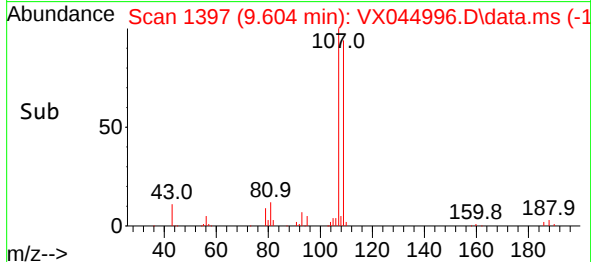
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



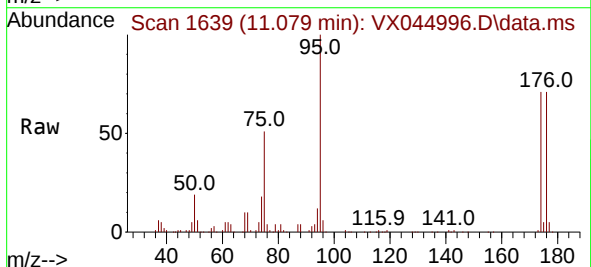
Tgt Ion:107 Resp: 65515
Ion Ratio Lower Upper
107 100
109 93.4 75.9 113.9

Manual Integrations
APPROVED

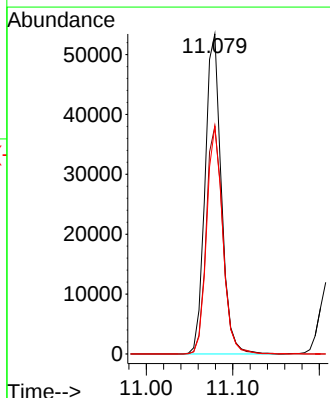
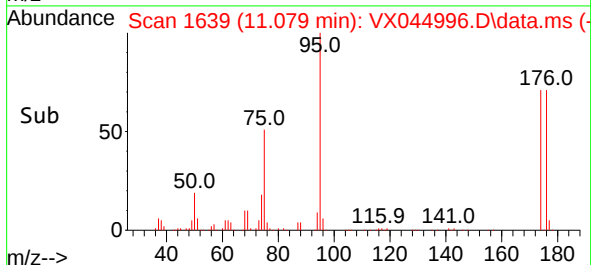
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

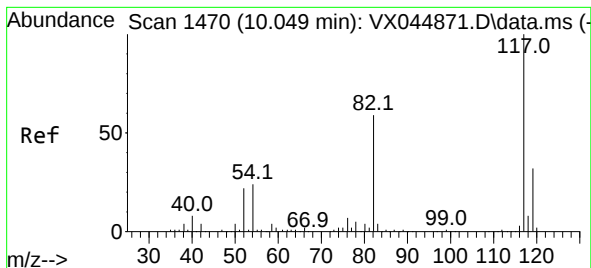


#62
4-Bromofluorobenzene
Concen: 47.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52



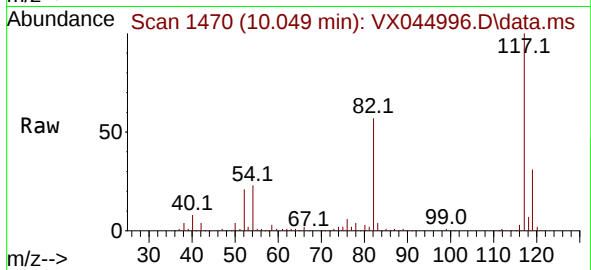
Tgt Ion: 95 Resp: 69627
Ion Ratio Lower Upper
95 100
174 72.5 0.0 142.6
176 70.4 0.0 141.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

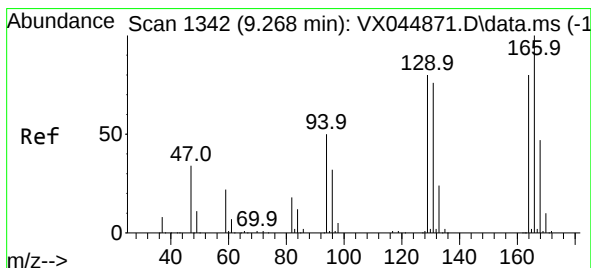
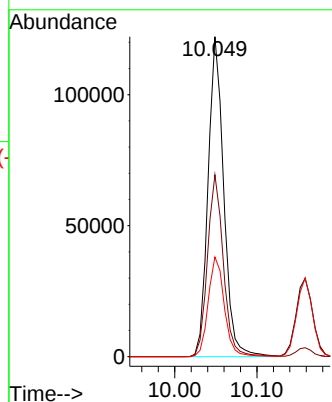
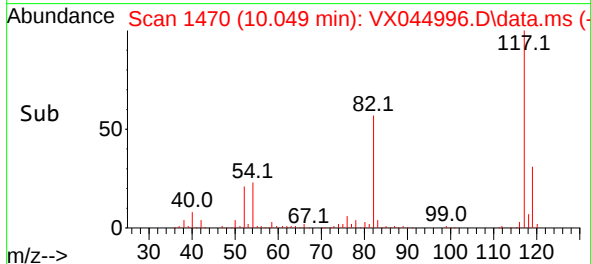
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 161969
Ion Ratio Lower Upper
117 100
82 56.8 47.5 71.3
119 31.2 25.4 38.0

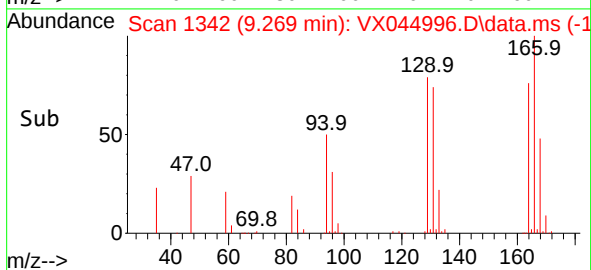
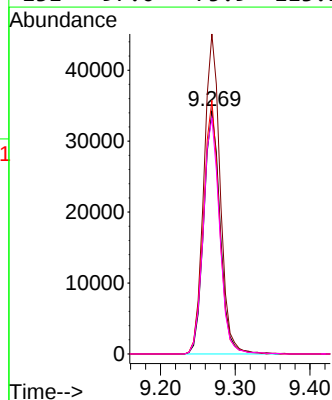
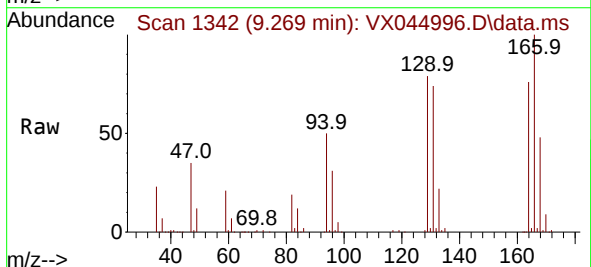
Manual Integrations
APPROVED

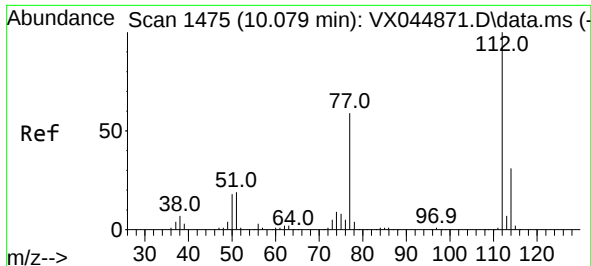
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#64
Tetrachloroethene
Concen: 51.024 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion:164 Resp: 52119
Ion Ratio Lower Upper
164 100
166 131.6 100.4 150.6
129 104.3 79.9 119.9
131 97.0 75.9 113.9





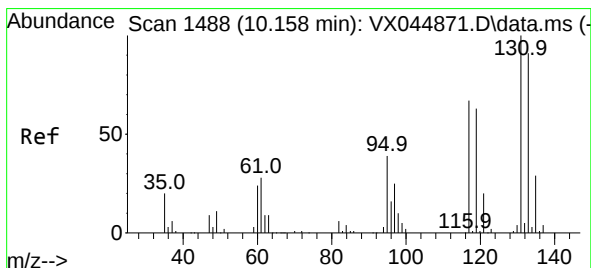
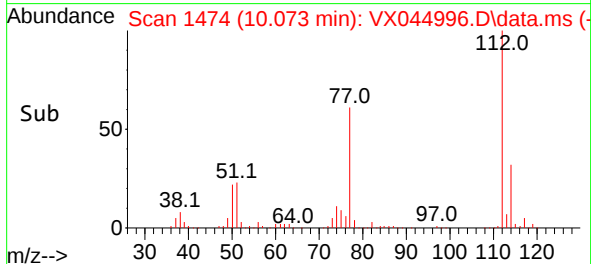
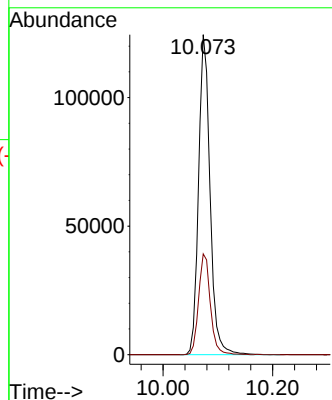
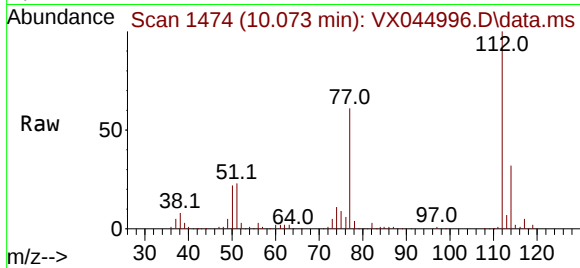
#65
Chlorobenzene
Concen: 52.161 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 181459
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

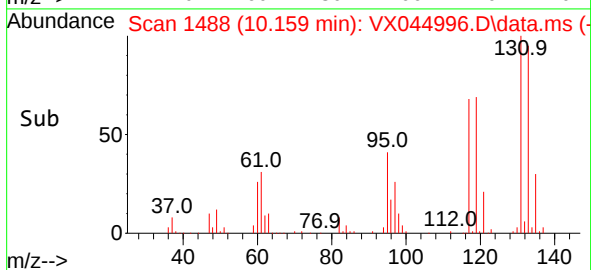
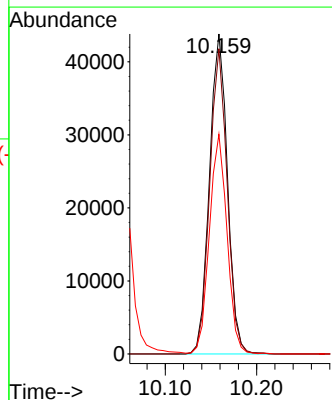
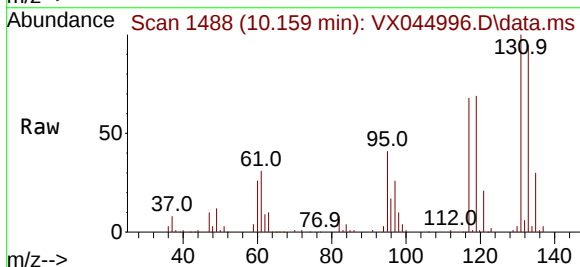
Manual Integrations
APPROVED

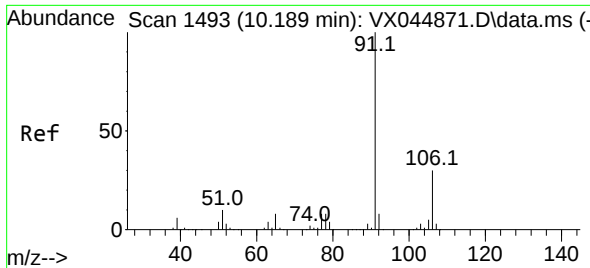
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 53.322 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

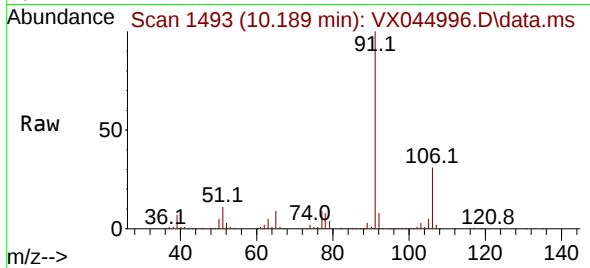
Tgt Ion:131 Resp: 59706
Ion Ratio Lower Upper
131 100
133 93.0 47.1 141.3
119 67.5 33.6 100.6





#67
Ethyl Benzene
Concen: 52.512 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

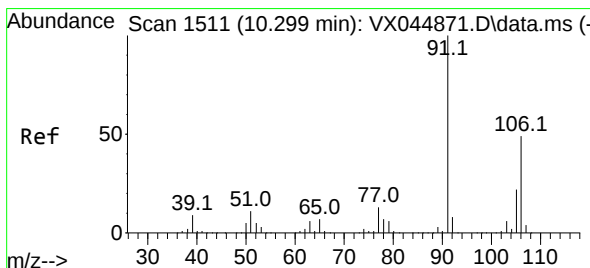
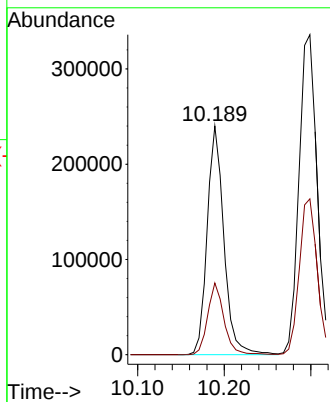
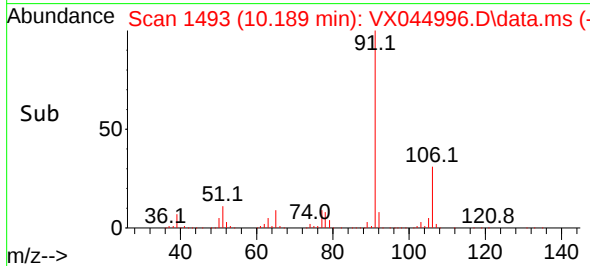
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



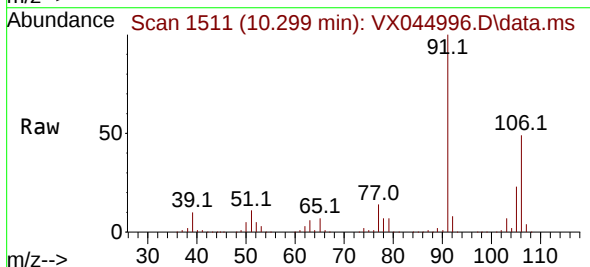
Tgt Ion: 91 Resp: 322370
Ion Ratio Lower Upper
91 100
106 31.4 23.9 35.9

Manual Integrations
APPROVED

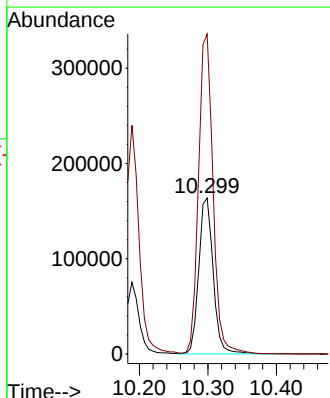
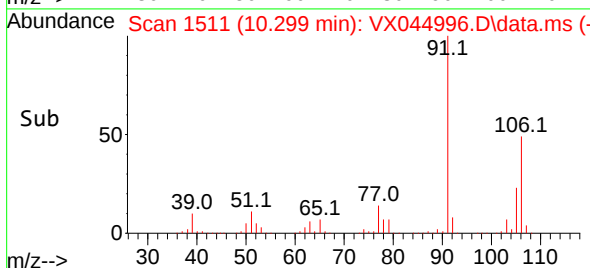
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#68
m/p-Xylenes
Concen: 105.892 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52



Tgt Ion:106 Resp: 239803
Ion Ratio Lower Upper
106 100
91 207.1 164.3 246.5





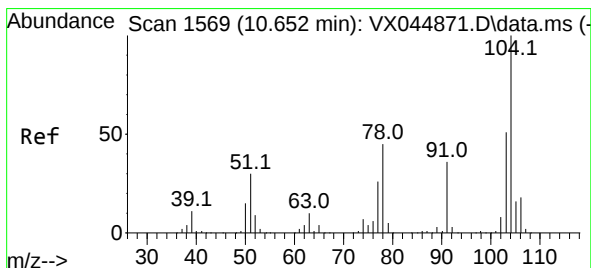
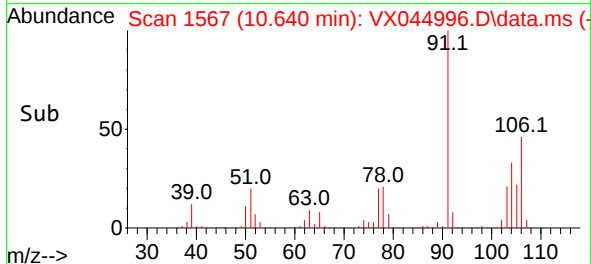
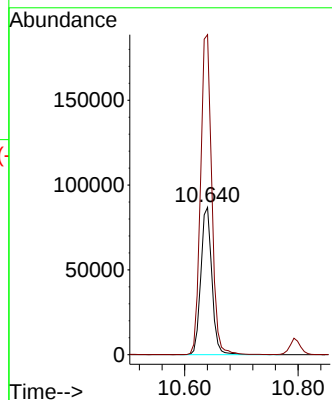
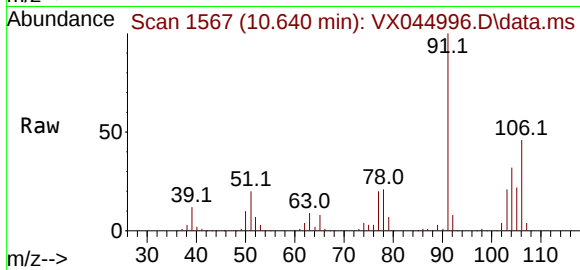
#69
o-Xylene
Concen: 51.460 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 116930
Ion Ratio Lower Upper
106 100
91 221.4 108.5 325.5

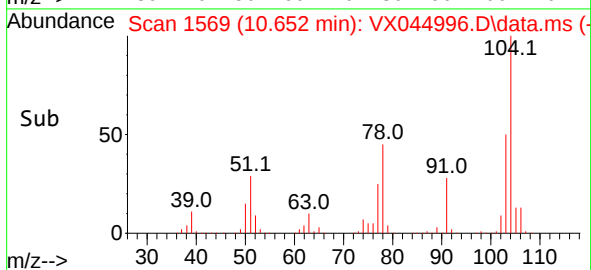
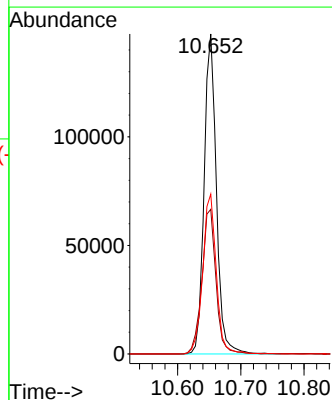
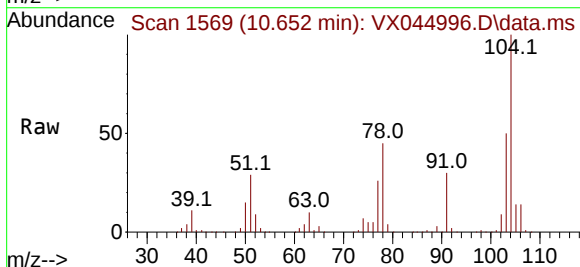
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#70
Styrene
Concen: 54.439 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

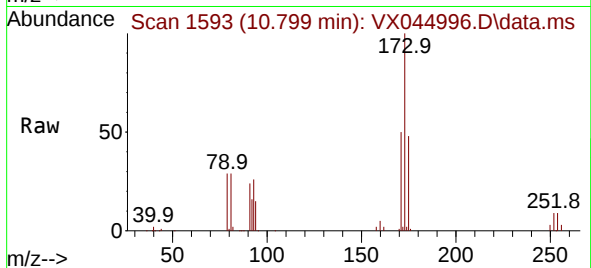
Tgt Ion:104 Resp: 199300
Ion Ratio Lower Upper
104 100
78 51.8 40.5 60.7
103 55.2 43.6 65.4





#71
Bromoform
Concen: 54.156 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

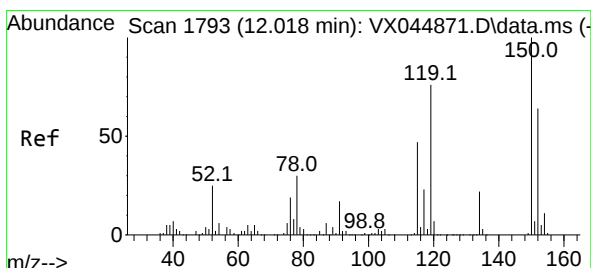
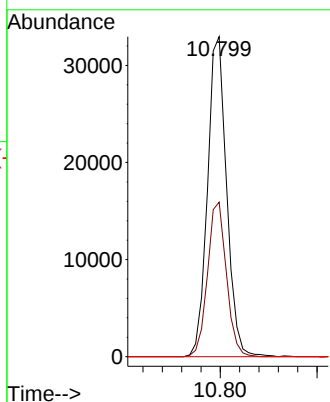
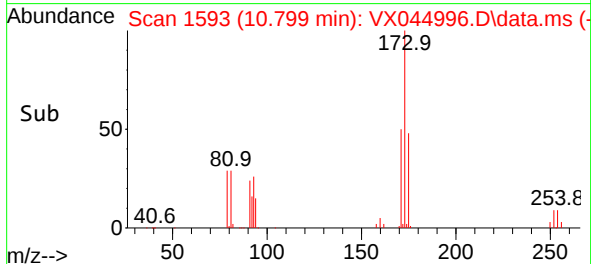
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 45250
Ion Ratio Lower Upper
173 100
175 47.8 24.3 72.8
254 0.0 0.0 0.0

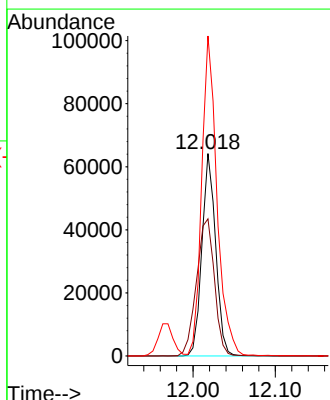
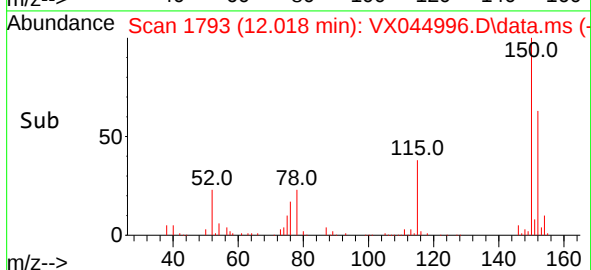
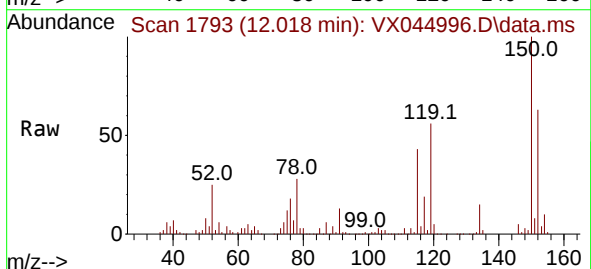
Manual Integrations
APPROVED

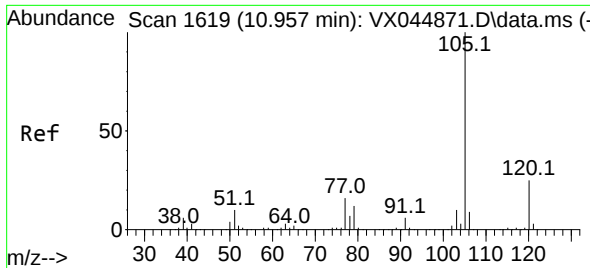
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

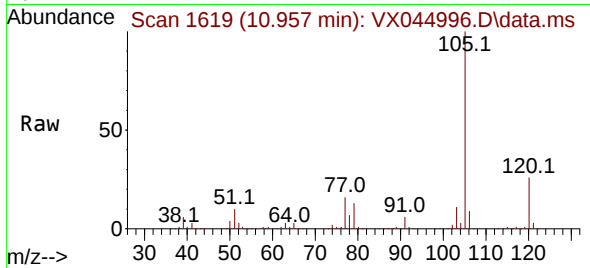
Tgt Ion:152 Resp: 74591
Ion Ratio Lower Upper
152 100
115 88.5 43.4 130.1
150 175.2 0.0 350.4





#73
Isopropylbenzene
Concen: 51.082 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

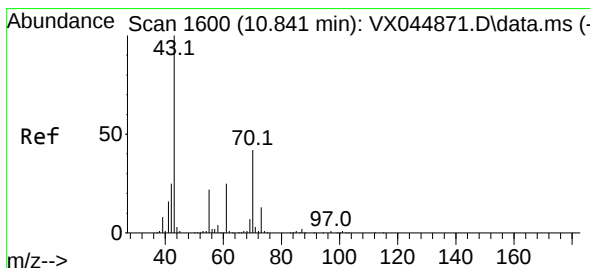
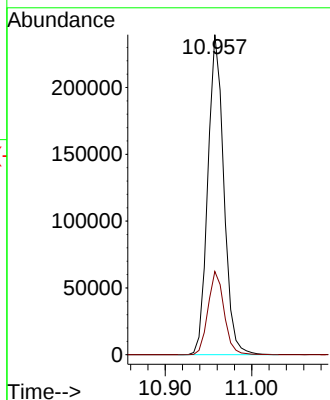
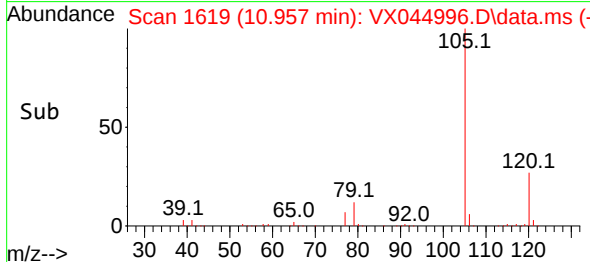
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



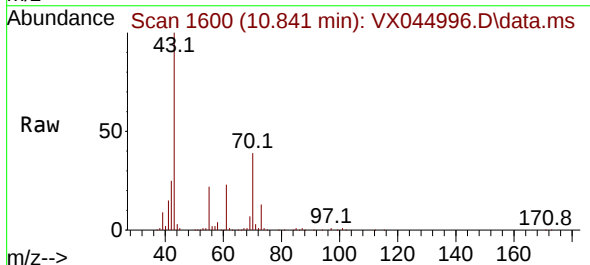
Tgt Ion:105 Resp: 306799
Ion Ratio Lower Upper
105 100
120 26.1 13.2 39.5

Manual Integrations
APPROVED

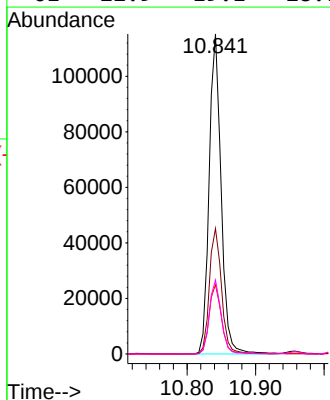
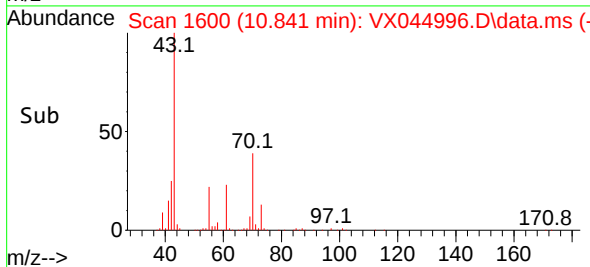
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#74
N-ethyl acetate
Concen: 51.492 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52



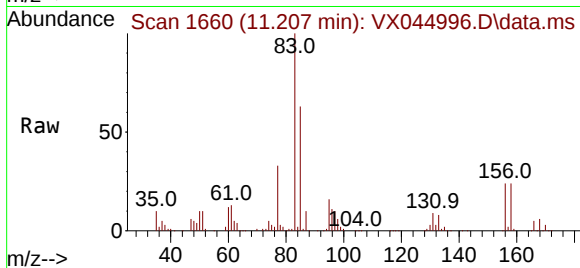
Tgt Ion: 43 Resp: 139944
Ion Ratio Lower Upper
43 100
70 40.0 33.7 50.5
55 22.3 18.6 27.8
61 22.9 19.1 28.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.572 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52

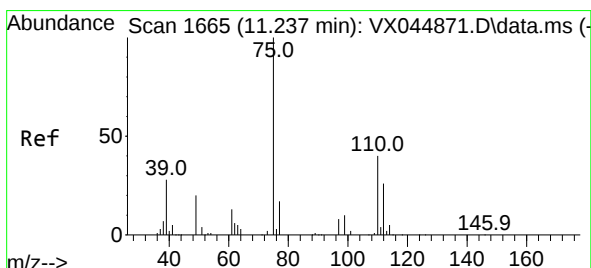
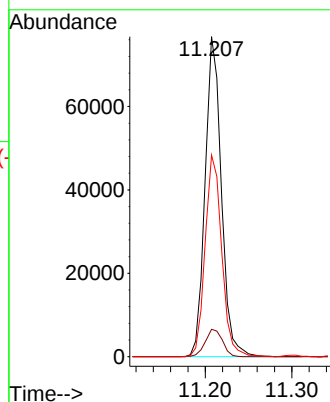
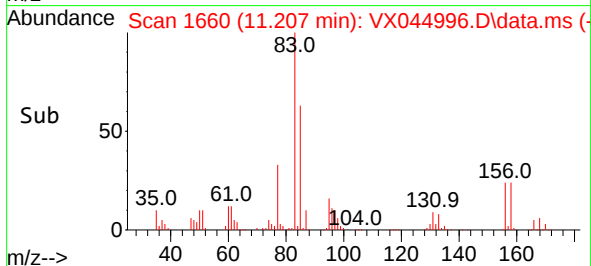
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



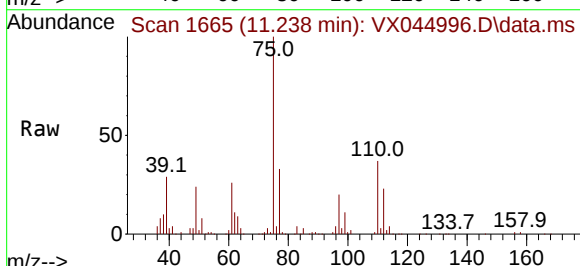
Tgt Ion: 83 Resp: 100244
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.5 13.5
 85 64.2 32.3 96.8

Manual Integrations
 APPROVED

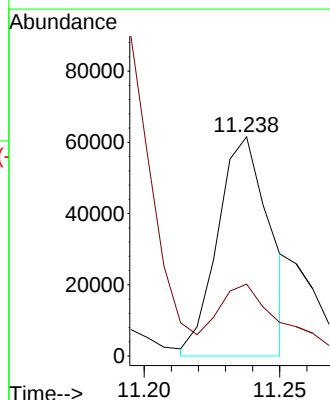
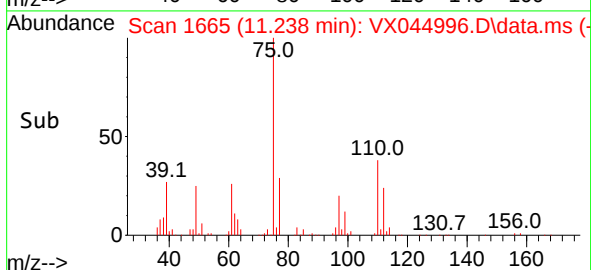
Reviewed By :John Carlone 02/20/2025
 Supervised By :Mahesh Dadoda 02/20/2025

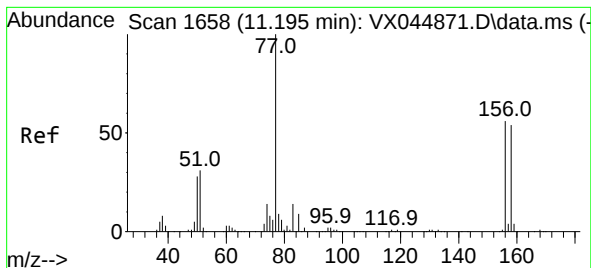


#76
 1,2,3-Trichloropropane
 Concen: 49.296 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044996.D
 Acq: 19 Feb 2025 10:52



Tgt Ion: 75 Resp: 81525
 Ion Ratio Lower Upper
 75 100
 77 40.5 21.9 65.7





#77

Bromobenzene

Concen: 50.832 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:156 Resp: 6921

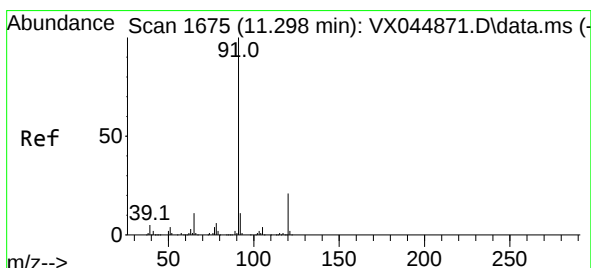
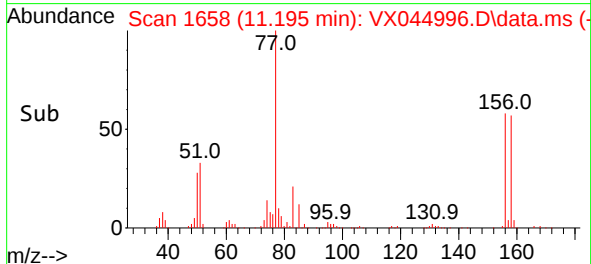
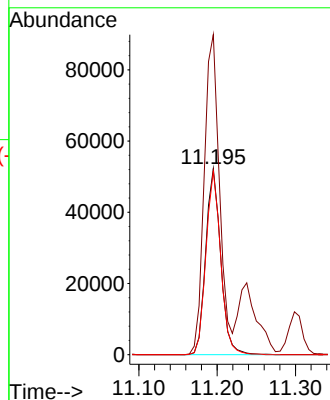
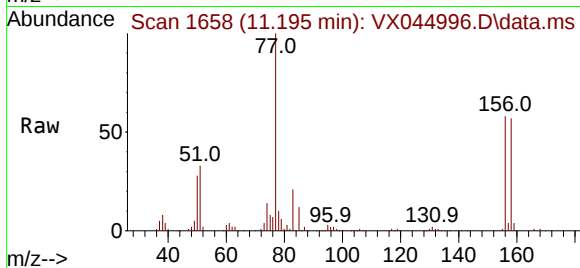
Ion	Ratio	Lower	Upper
156	100		
77	175.8	88.4	265.3
158	97.5	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#78

n-propylbenzene

Concen: 52.583 ug/l

RT: 11.299 min Scan# 1675

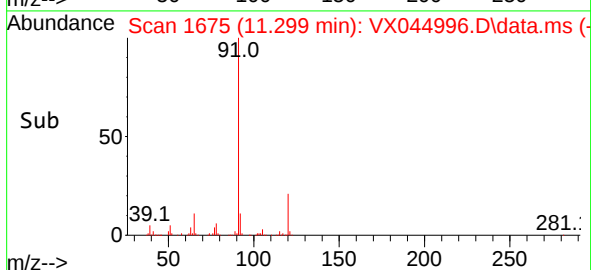
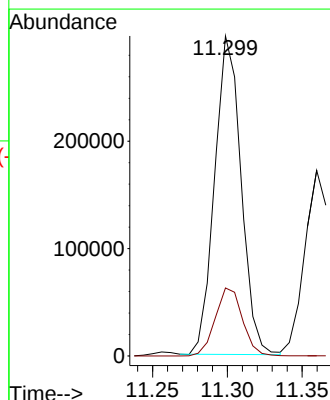
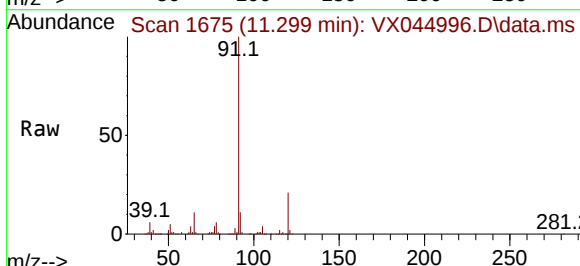
Delta R.T. 0.000 min

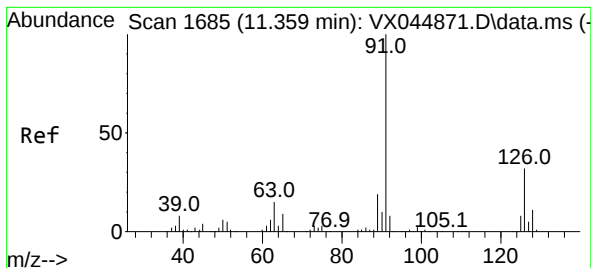
Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Tgt Ion: 91 Resp: 364521

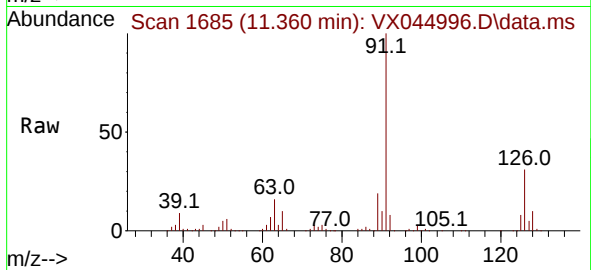
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.3





#79
2-Chlorotoluene
Concen: 50.395 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

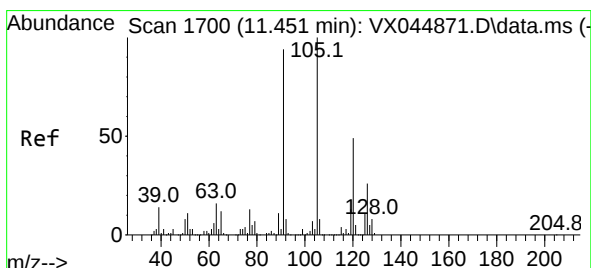
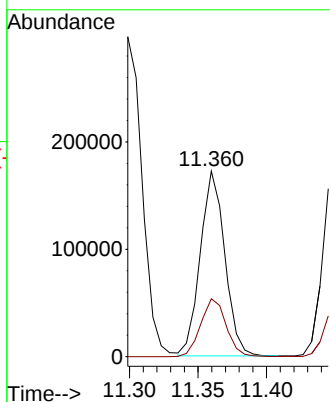
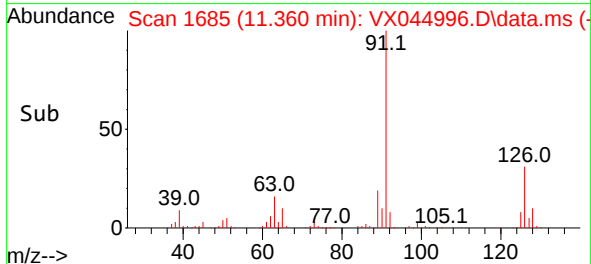
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



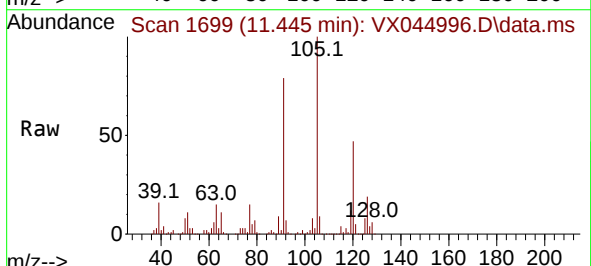
Tgt Ion: 91 Resp: 214710
Ion Ratio Lower Upper
91 100
126 32.6 16.2 48.6

Manual Integrations
APPROVED

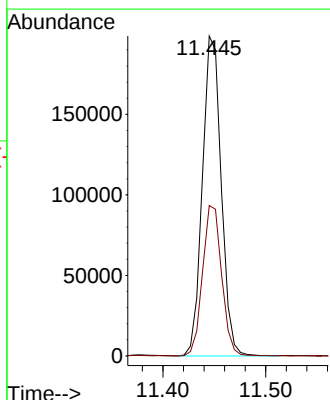
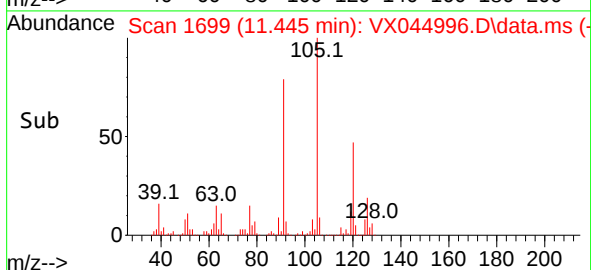
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#80
1,3,5-Trimethylbenzene
Concen: 51.973 ug/l
RT: 11.445 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52



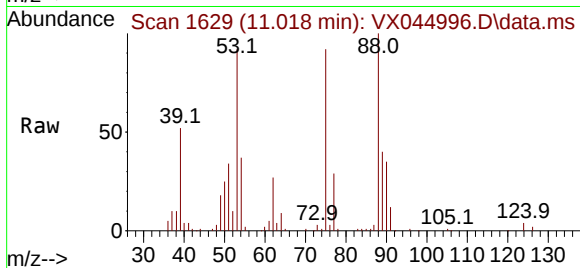
Tgt Ion:105 Resp: 253309
Ion Ratio Lower Upper
105 100
120 47.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 41.983 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

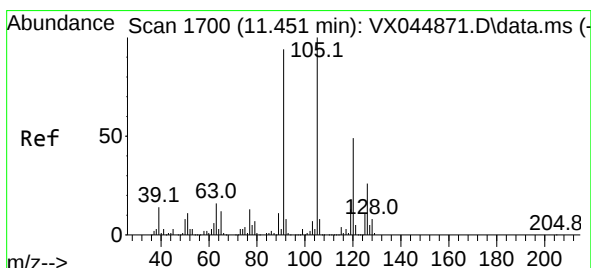
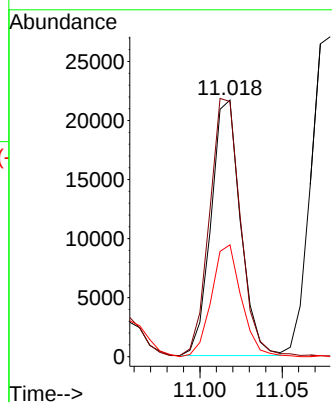
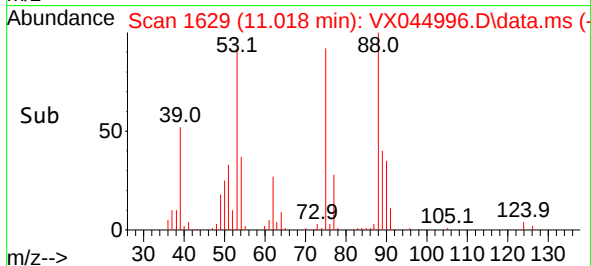
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 2699
Ion Ratio Lower Upper
75 100
53 105.9 78.0 117.0
89 44.4 36.6 54.8

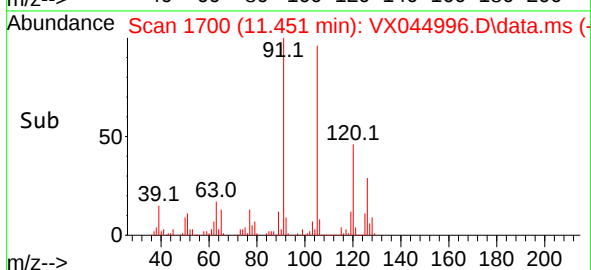
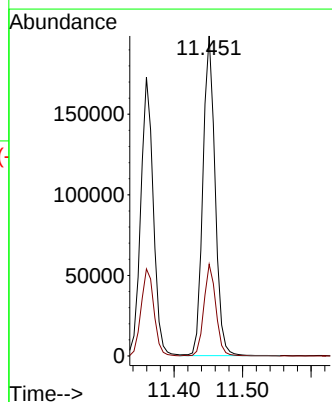
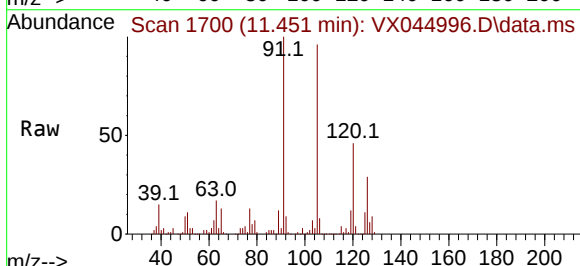
Manual Integrations
APPROVED

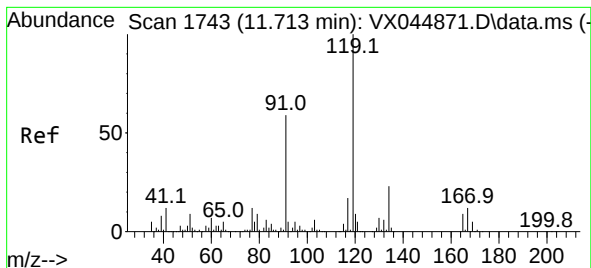
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#82
4-Chlorotoluene
Concen: 52.203 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

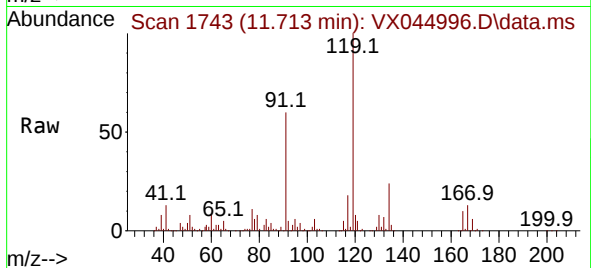
Tgt Ion: 91 Resp: 246062
Ion Ratio Lower Upper
91 100
126 28.1 14.2 42.6





#83
tert-Butylbenzene
Concen: 52.280 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

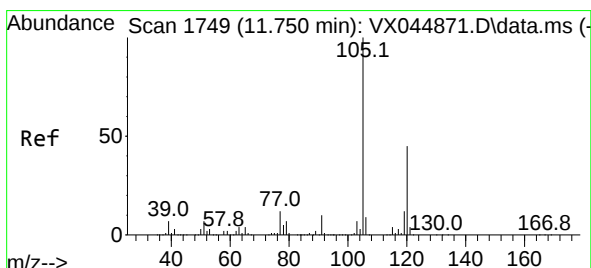
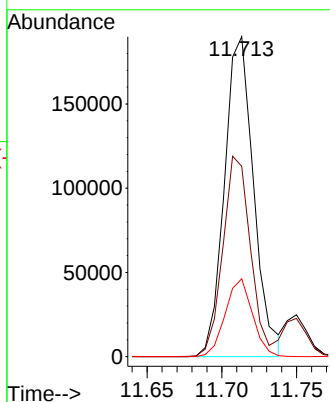
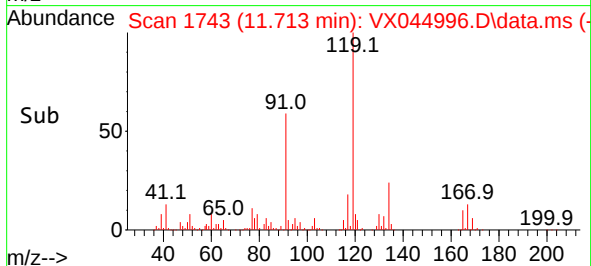
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



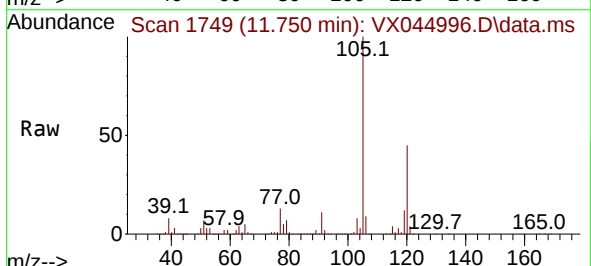
Tgt Ion:119 Resp: 257768
Ion Ratio Lower Upper
119 100
91 59.0 29.1 87.4
134 22.8 11.5 34.5

Manual Integrations
APPROVED

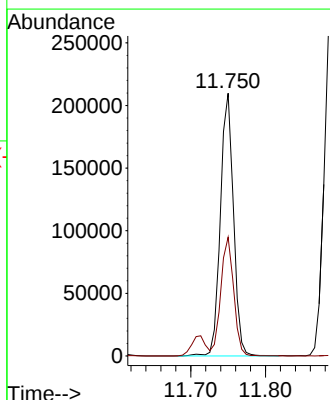
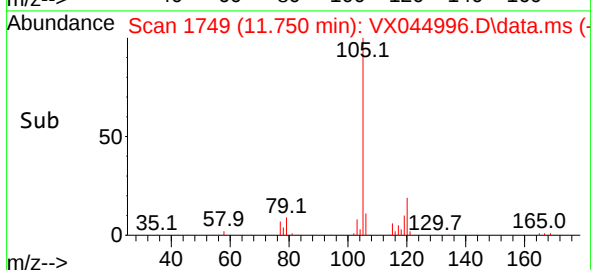
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025

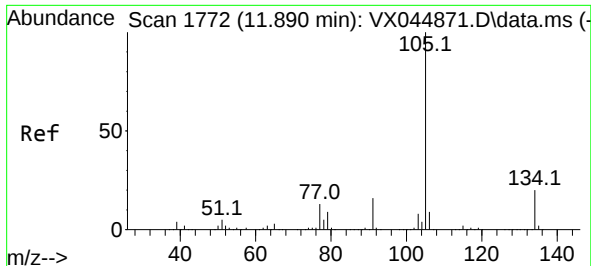


#84
1,2,4-Trimethylbenzene
Concen: 53.050 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52



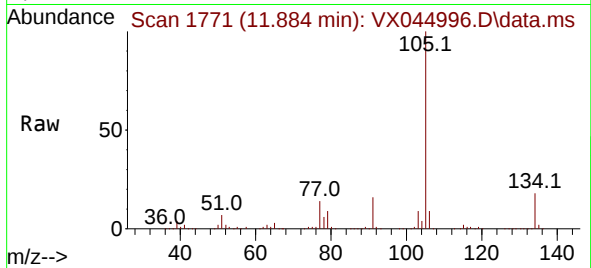
Tgt Ion:105 Resp: 255195
Ion Ratio Lower Upper
105 100
120 44.4 22.4 67.0





#85
sec-Butylbenzene
Concen: 53.219 ug/l
RT: 11.884 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

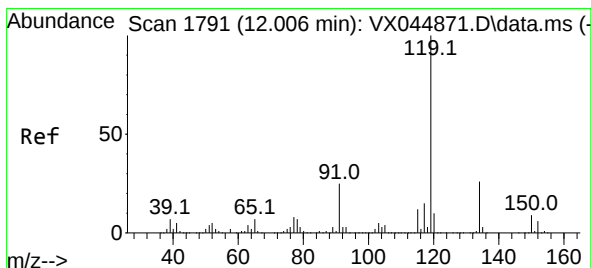
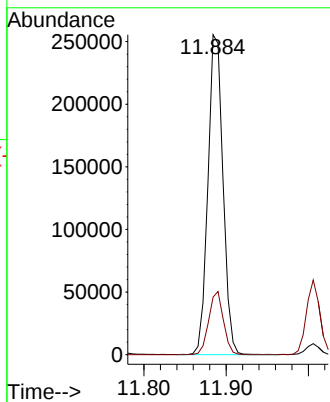
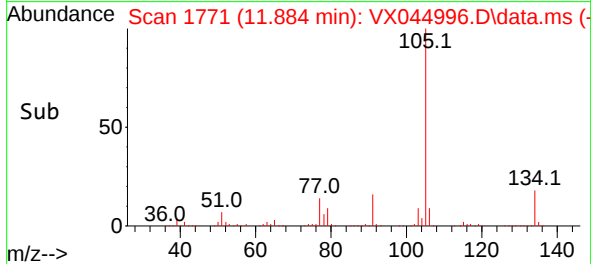
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 32493
Ion Ratio Lower Upper
105 100
134 19.3 9.8 29.3

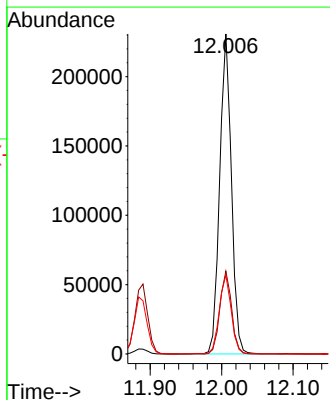
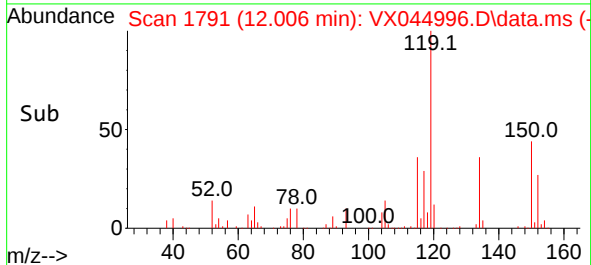
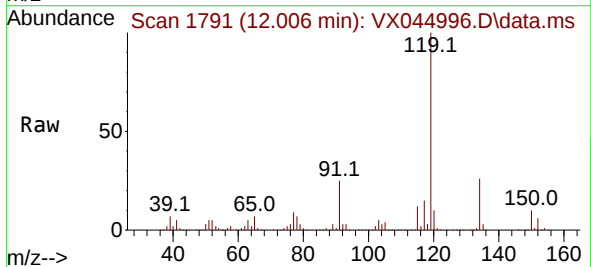
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#86
p-Isopropyltoluene
Concen: 53.418 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion:119 Resp: 262276
Ion Ratio Lower Upper
119 100
134 26.0 13.0 38.9
91 25.2 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 52.944 ug/l

RT: 11.963 min Scan# 1784

Delta R.T. -0.006 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 132572

Ion Ratio Lower Upper

146 100

111 41.1 21.2 63.6

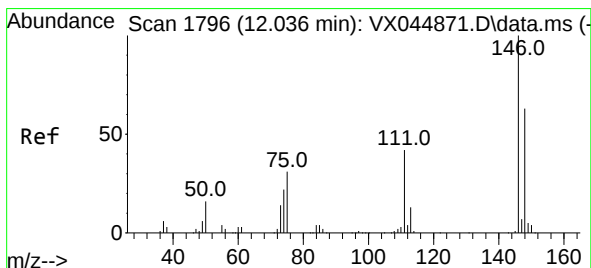
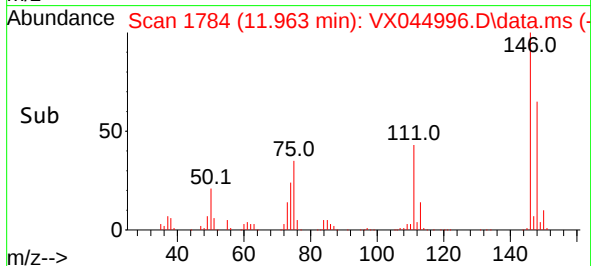
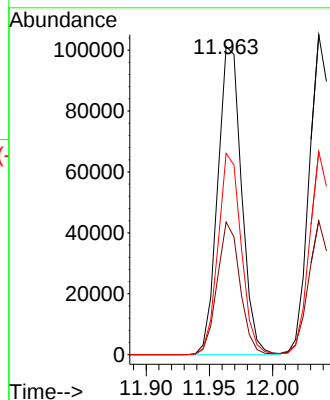
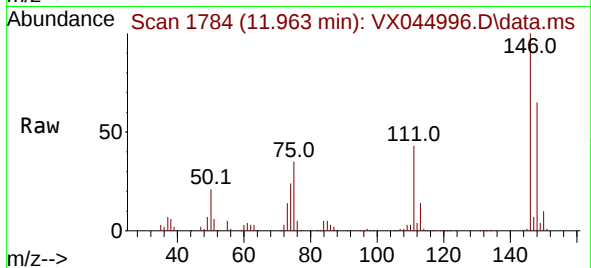
148 63.6 32.5 97.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#88

1,4-Dichlorobenzene

Concen: 51.658 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

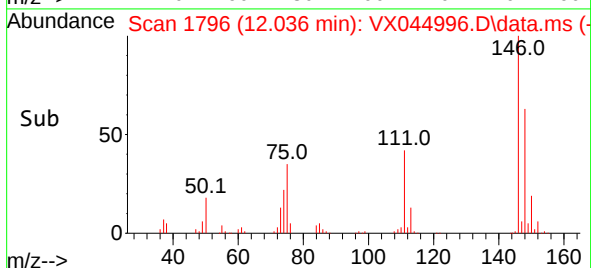
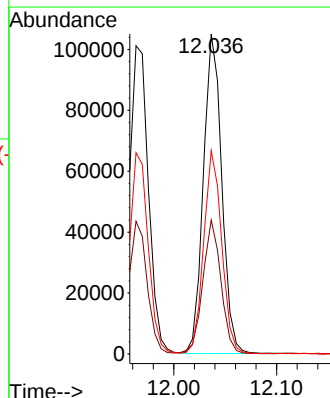
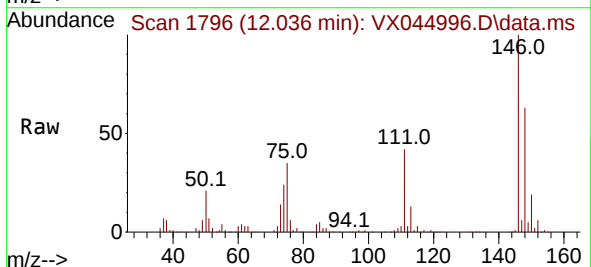
Tgt Ion:146 Resp: 130786

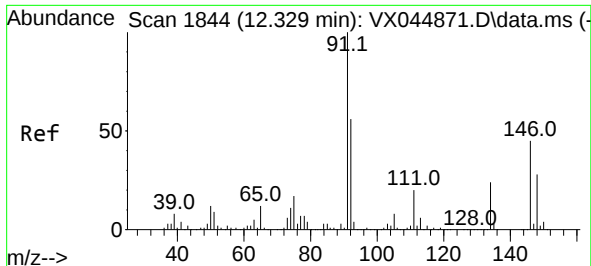
Ion Ratio Lower Upper

146 100

111 41.3 20.4 61.3

148 62.3 32.0 96.0





#89

n-Butylbenzene

Concen: 56.182 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044996.D

Acq: 19 Feb 2025 10:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 24404

Ion Ratio Lower Upper

91 100

92 54.0 27.2 81.6

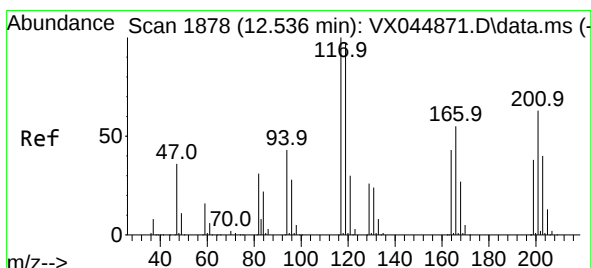
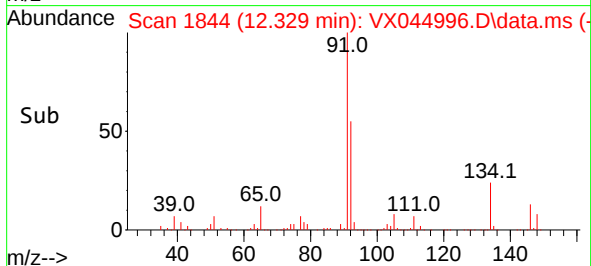
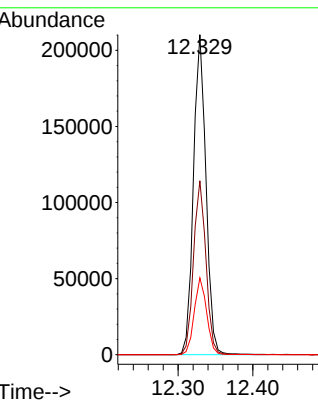
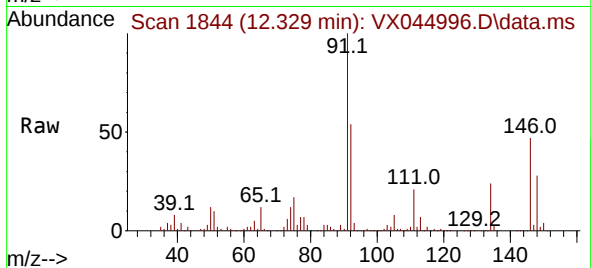
134 23.9 12.1 36.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/20/2025

Supervised By :Mahesh Dadoda 02/20/2025



#90

Hexachloroethane

Concen: 49.470 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX044996.D

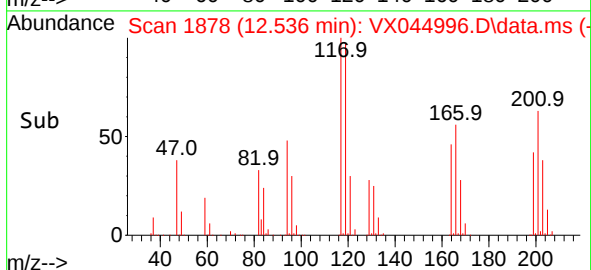
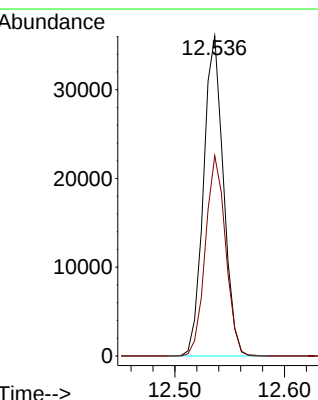
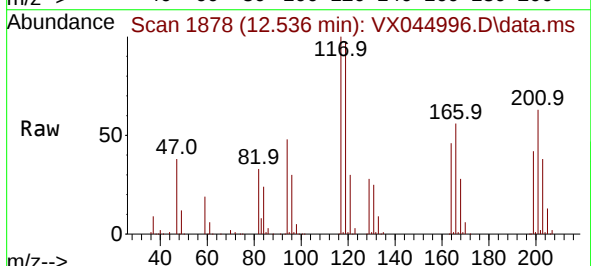
Acq: 19 Feb 2025 10:52

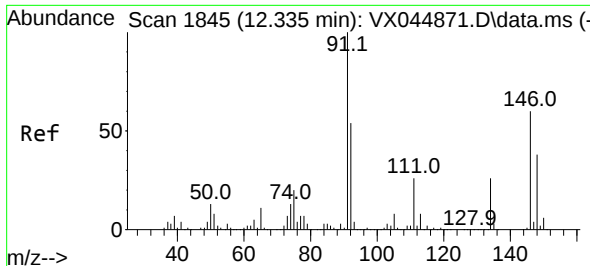
Tgt Ion:117 Resp: 45480

Ion Ratio Lower Upper

117 100

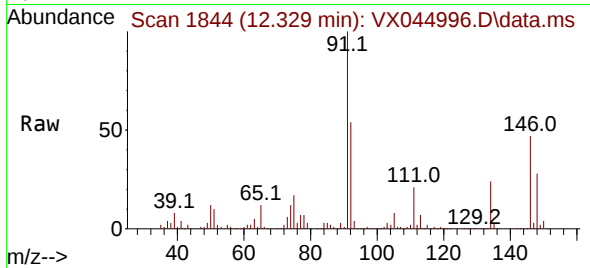
201 63.6 32.5 97.5





#91
1,2-Dichlorobenzene
Concen: 51.642 ug/l
RT: 12.329 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

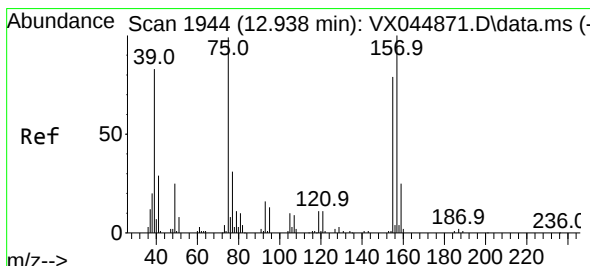
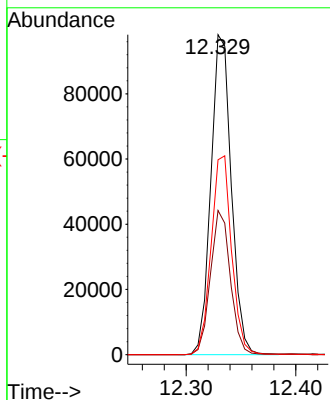
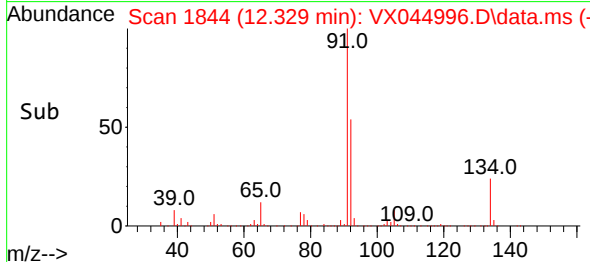
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 127089
Ion Ratio Lower Upper
146 100
111 44.1 21.8 65.4
148 62.8 31.9 95.9

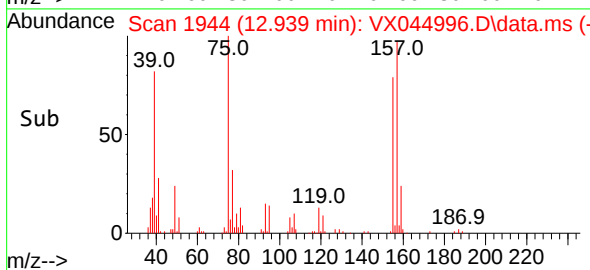
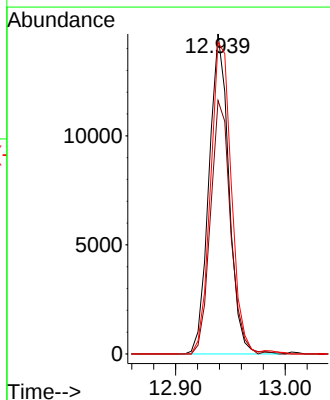
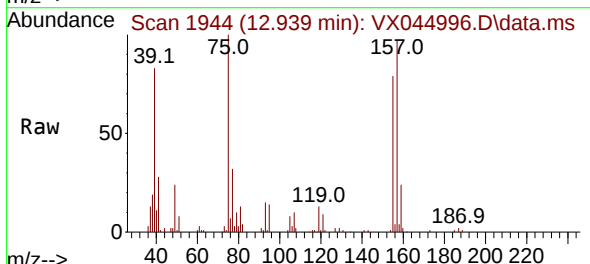
Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.274 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Tgt Ion: 75 Resp: 18560
Ion Ratio Lower Upper
75 100
155 79.6 40.5 121.4
157 102.2 51.4 154.3





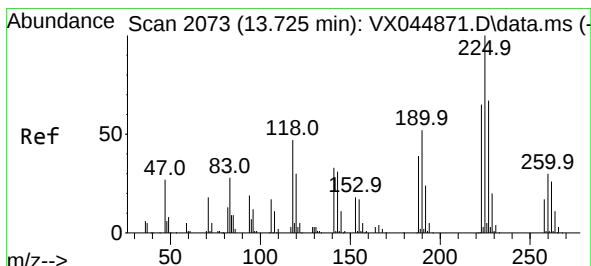
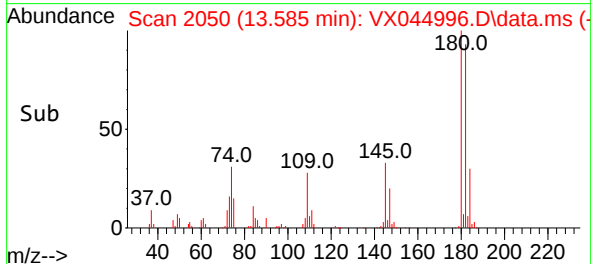
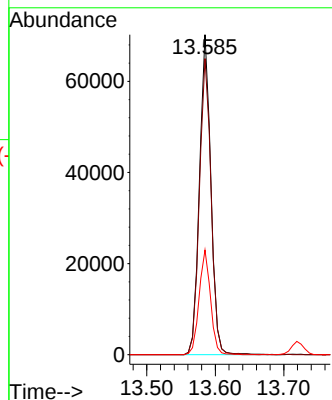
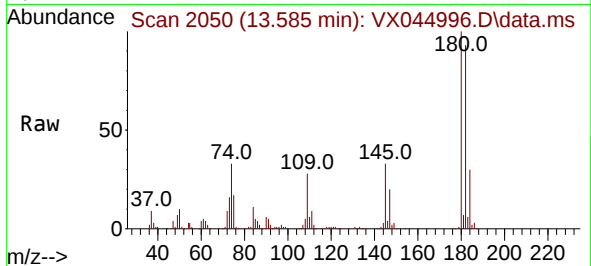
#93
1,2,4-Trichlorobenzene
Concen: 54.679 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:180 Resp: 81429
Ion Ratio Lower Upper
180 100
182 94.8 47.6 142.8
145 32.7 16.4 49.1

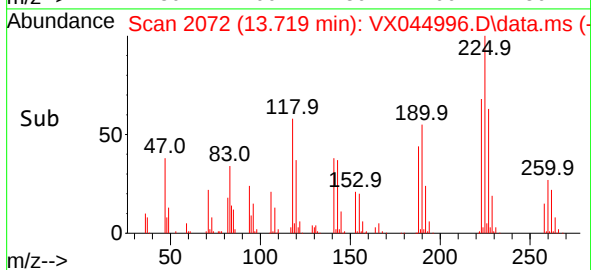
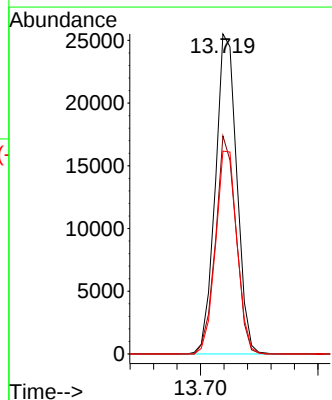
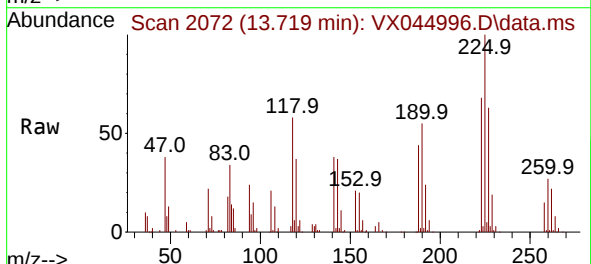
Manual Integrations
APPROVED

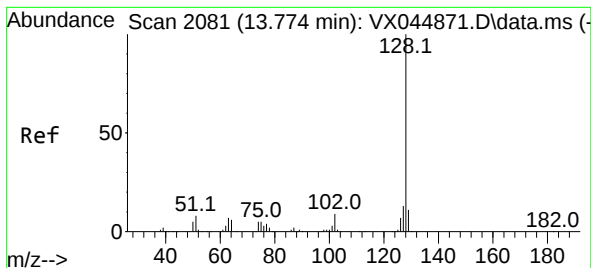
Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#94
Hexachlorobutadiene
Concen: 54.721 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

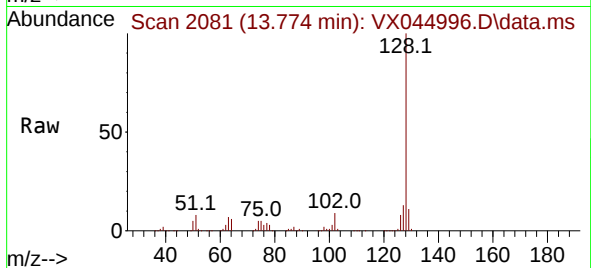
Tgt Ion:225 Resp: 32349
Ion Ratio Lower Upper
225 100
223 65.1 31.4 94.2
227 63.5 32.3 96.8





#95
Naphthalene
Concen: 51.985 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52

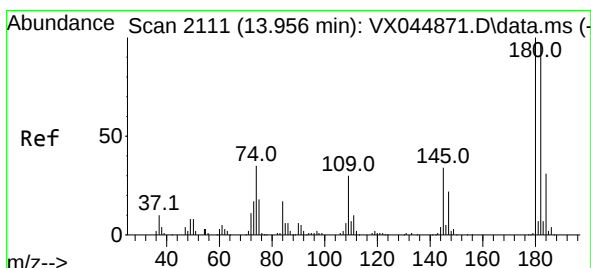
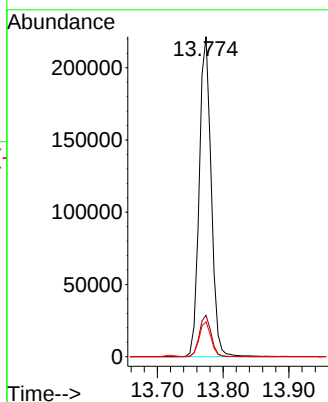
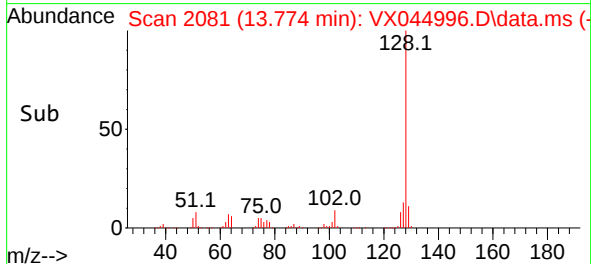
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



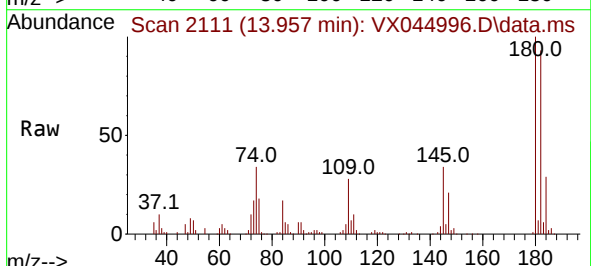
Tgt Ion:128 Resp: 279838
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.8 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/20/2025
Supervised By :Mahesh Dadoda 02/20/2025



#96
1,2,3-Trichlorobenzene
Concen: 54.575 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044996.D
Acq: 19 Feb 2025 10:52



Tgt Ion:180 Resp: 81892
Ion Ratio Lower Upper
180 100
182 93.5 47.9 143.6
145 33.6 17.1 51.3

