

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
 Data File : VX044651.D
 Acq On : 15 Jan 2025 12:02
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/15/2025
 Supervised By : Semsettin Yesilyurt 01/16/2025

Quant Time: Jan 16 01:00:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 00:57:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	191095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	351701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	301141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	127832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	142316	49.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.680%		
35) Dibromofluoromethane	5.379	113	111739	50.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.020%		
50) Toluene-d8	8.647	98	390660	50.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.300%		
62) 4-Bromofluorobenzene	11.079	95	148223	51.037	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129814	50.482	ug/l	100
3) Chloromethane	1.300	50	135661	48.786	ug/l	100
4) Vinyl Chloride	1.374	62	134180	48.836	ug/l	100
5) Bromomethane	1.593	94	32585	49.668	ug/l	100
6) Chloroethane	1.660	64	22356	44.371	ug/l	100
7) Trichlorofluoromethane	1.867	101	146280	48.172	ug/l	100
8) Diethyl Ether	2.136	74	55843	45.569	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	105786	46.343	ug/l	100
10) Methyl Iodide	2.440	142	154347	49.525	ug/l	100
11) Tert butyl alcohol	2.983	59	144614m	222.325	ug/l	
12) 1,1-Dichloroethene	2.306	96	108167	48.342	ug/l	100
13) Acrolein	2.239	56	64703	213.821	ug/l	100
14) Allyl chloride	2.654	41	200446	46.011	ug/l	100
15) Acrylonitrile	3.062	53	298629	236.777	ug/l	100
16) Acetone	2.386	43	255513	223.898	ug/l	100
17) Carbon Disulfide	2.501	76	295098	48.333	ug/l	100
18) Methyl Acetate	2.703	43	168213	47.777	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	388306	47.913	ug/l	100
20) Methylene Chloride	2.782	84	124271	46.761	ug/l	100
21) trans-1,2-Dichloroethene	3.081	96	108489	46.441	ug/l	100
22) Diisopropyl ether	3.757	45	363224	47.964	ug/l	100
23) Vinyl Acetate	3.715	43	1576614	237.862	ug/l	100
24) 1,1-Dichloroethane	3.599	63	215178	47.915	ug/l	100
25) 2-Butanone	4.556	43	407104	239.931	ug/l	100
26) 2,2-Dichloropropane	4.465	77	201388	46.271	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	137091	46.654	ug/l	100
28) Bromochloromethane	4.891	49	101453	48.346	ug/l	100
29) Tetrahydrofuran	5.001	42	256051	233.952	ug/l	100
30) Chloroform	5.086	83	218193	48.144	ug/l	100
31) Cyclohexane	5.458	56	177904	48.981	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	190478	45.718	ug/l	100
36) 1,1-Dichloropropene	5.684	75	143445	46.120	ug/l	100
37) Ethyl Acetate	4.708	43	162853	49.168	ug/l	100
38) Carbon Tetrachloride	5.672	117	161882	46.273	ug/l	100
39) Methylcyclohexane	7.373	83	193759	46.929	ug/l	100
40) Benzene	6.031	78	459433	47.670	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	89498	47.017	ug/l	100
42) 1,2-Dichloroethane	6.080	62	167878	47.725	ug/l	100
43) Isopropyl Acetate	6.336	43	286693	47.053	ug/l	100
44) Trichloroethene	7.116	130	111112	47.956	ug/l	100
45) 1,2-Dichloropropane	7.427	63	115621	47.660	ug/l	100
46) Dibromomethane	7.574	93	86455	46.813	ug/l	100
47) Bromodichloromethane	7.818	83	178531	47.138	ug/l	100
48) Methyl methacrylate	7.690	41	140450	49.659	ug/l	100
49) 1,4-Dioxane	7.665	88	55679	943.583	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	790152	234.662	ug/l	100
52) Toluene	8.714	92	283156	48.001	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	191876	49.036	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	201804	47.563	ug/l	100
55) 1,1,2-Trichloroethane	9.147	97	112274	47.043	ug/l	100
56) Ethyl methacrylate	9.116	69	198422	48.353	ug/l	100
57) 1,3-Dichloropropane	9.305	76	195182	48.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	479521	238.018	ug/l	100
59) 2-Hexanone	9.433	43	580029	234.142	ug/l	100
60) Dibromochloromethane	9.518	129	133941	47.816	ug/l	100
61) 1,2-Dibromoethane	9.604	107	118382	47.331	ug/l	100
64) Tetrachloroethene	9.269	164	89149	47.145	ug/l	100
65) Chlorobenzene	10.073	112	303658	47.474	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	110395	47.490	ug/l	100
67) Ethyl Benzene	10.189	91	535714	48.000	ug/l	100
68) m/p-Xylenes	10.299	106	395084	95.393	ug/l	100
69) o-Xylene	10.640	106	200396	47.845	ug/l	100
70) Styrene	10.652	104	327844	48.481	ug/l	100
71) Bromoform	10.799	173	90837	48.011	ug/l	100
73) Isopropylbenzene	10.957	105	500669	47.943	ug/l	100
74) N-amyl acetate	10.841	43	242893	47.188	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.213	83	166468	46.155	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	140834m	46.648	ug/l	
77) Bromobenzene	11.195	156	115377	47.268	ug/l	100
78) n-propylbenzene	11.299	91	561396	48.746	ug/l	100
79) 2-Chlorotoluene	11.360	91	353178	47.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	407362	47.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	65476	48.266	ug/l	100
82) 4-Chlorotoluene	11.451	91	393120	48.238	ug/l	100
83) tert-Butylbenzene	11.713	119	422348	47.513	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	410477	47.515	ug/l	100
85) sec-Butylbenzene	11.890	105	497964	48.113	ug/l	100
86) p-Isopropyltoluene	12.006	119	411853	48.421	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	206233	48.720	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	201574	47.960	ug/l	100
89) n-Butylbenzene	12.329	91	358698	49.100	ug/l	100
90) Hexachloroethane	12.536	117	88230	45.808	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	207903	47.824	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39659	44.962	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	131779	50.708	ug/l	100
94) Hexachlorobutadiene	13.725	225	50255	49.230	ug/l	100
95) Naphthalene	13.774	128	487525	48.639	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	134816	50.047	ug/l	100

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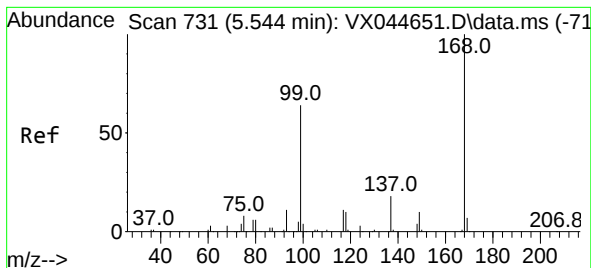
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.000 min

Lab File: VX044651.D

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Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:168 Resp: 19109

Ion Ratio Lower Upper

168 100

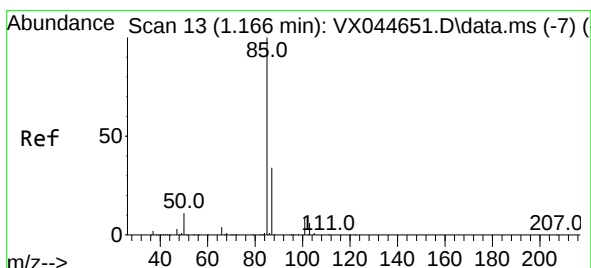
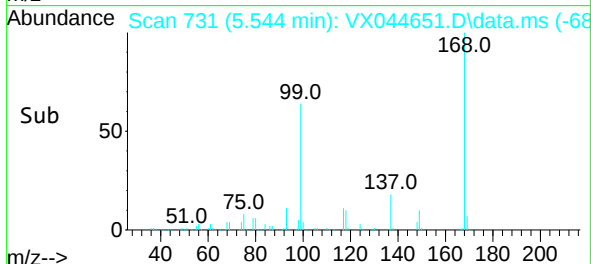
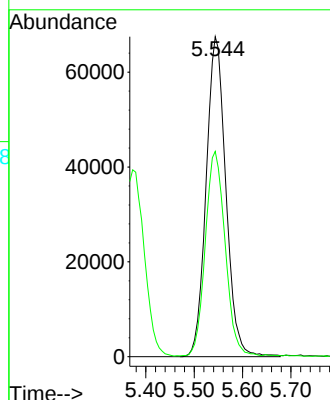
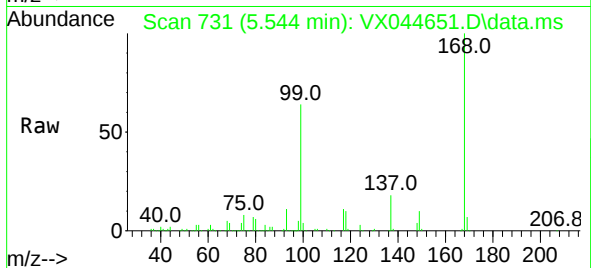
99 63.9 51.1 76.7

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 50.482 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX044651.D

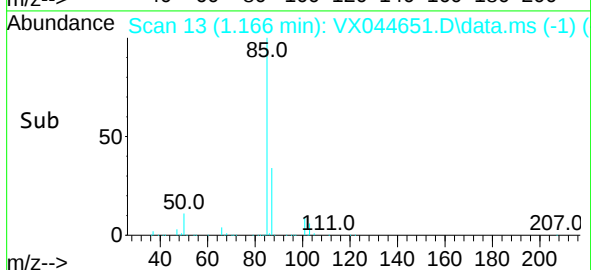
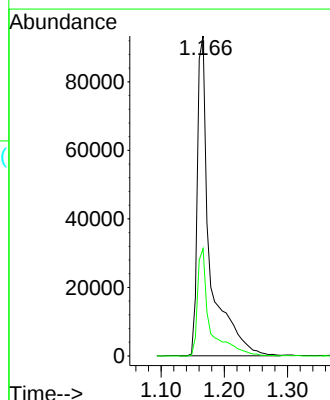
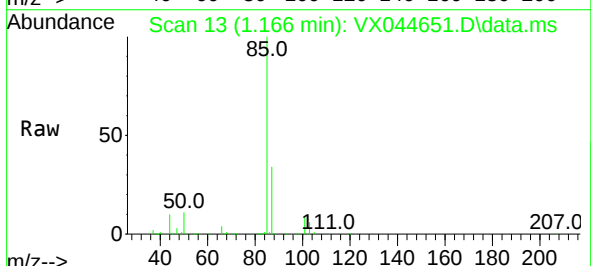
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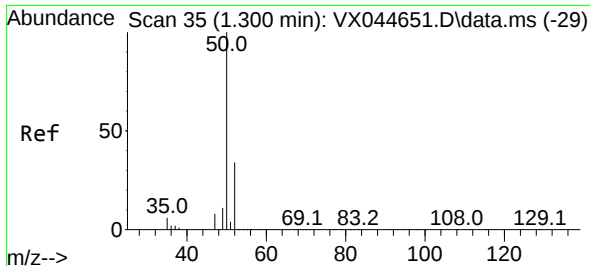
Tgt Ion: 85 Resp: 129814

Ion Ratio Lower Upper

85 100

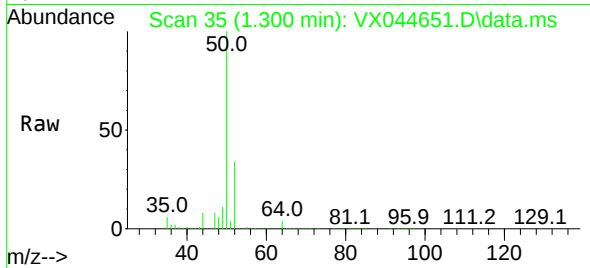
87 33.6 16.8 50.4





#3
Chloromethane
Concen: 48.786 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

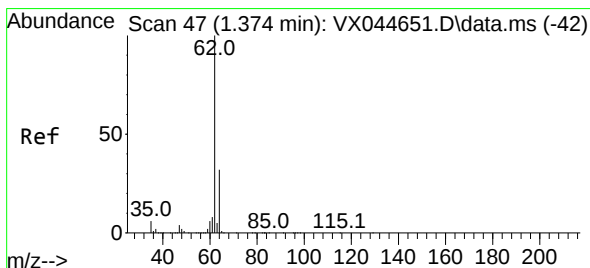
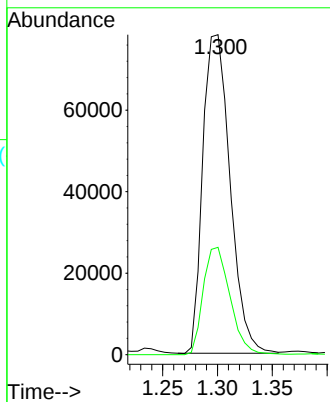
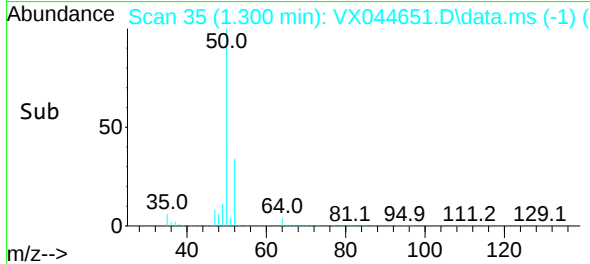
Instrument :
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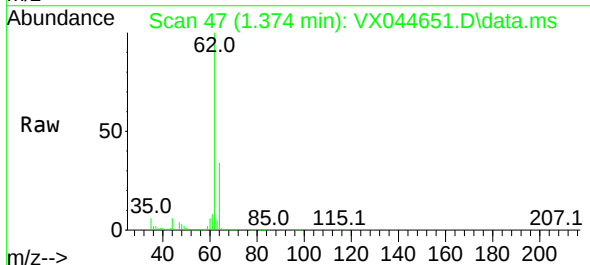
Tgt Ion: 50 Resp: 13566
Ion Ratio Lower Upper
50 100
52 33.7 27.0 40.4

Manual Integrations
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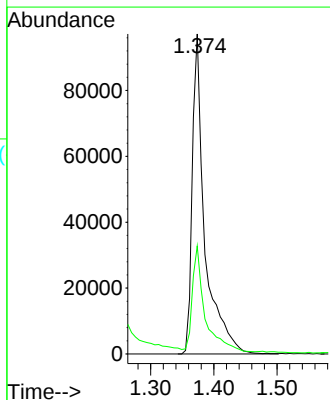
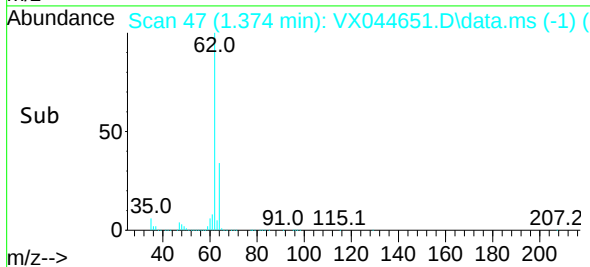
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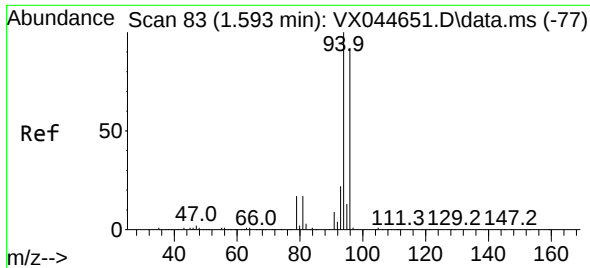


#4
Vinyl Chloride
Concen: 48.836 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



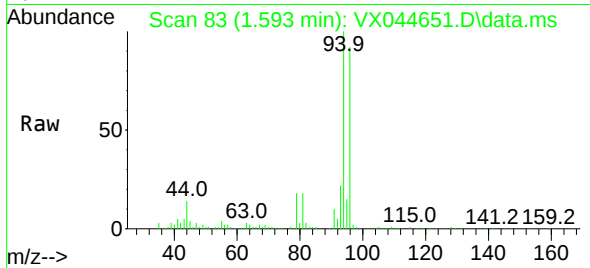
Tgt Ion: 62 Resp: 134180
Ion Ratio Lower Upper
62 100
64 33.2 26.6 39.8





#5
Bromomethane
Concen: 49.668 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

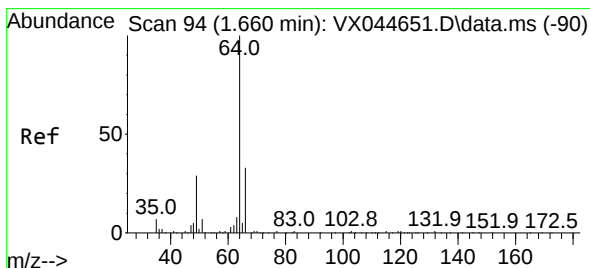
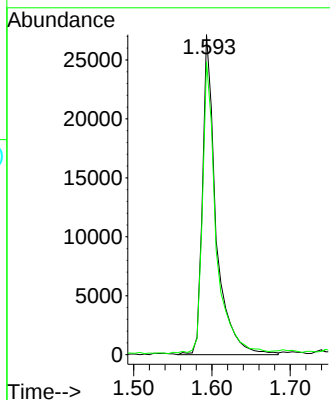
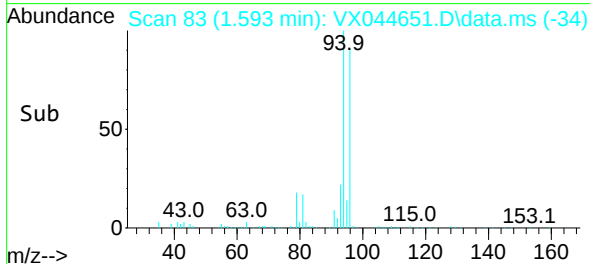
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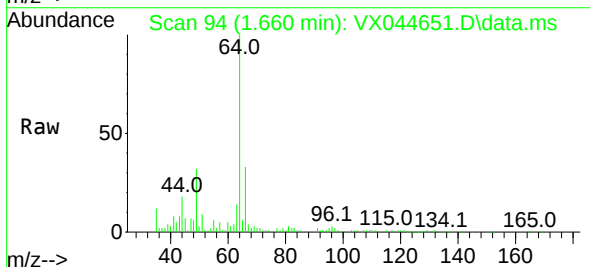
Tgt Ion: 94 Resp: 3258
Ion Ratio Lower Upper
94 100
96 91.0 72.8 109.2

Manual Integrations
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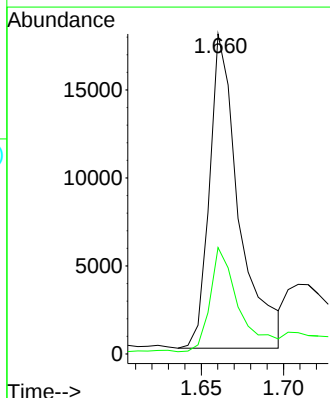
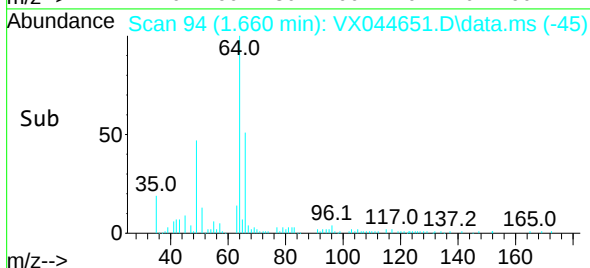
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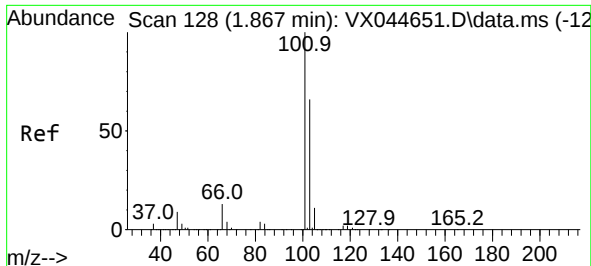


#6
Chloroethane
Concen: 44.371 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044651.D
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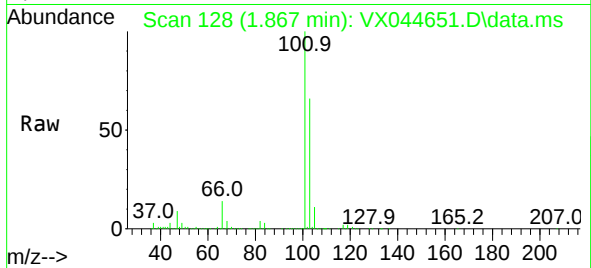
Tgt Ion: 64 Resp: 22356
Ion Ratio Lower Upper
64 100
66 33.2 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 48.172 ug/l
 RT: 1.867 min Scan# 101
 Delta R.T. 0.000 min
 Lab File: VX044651.D
 Acq: 15 Jan 2025 12:02

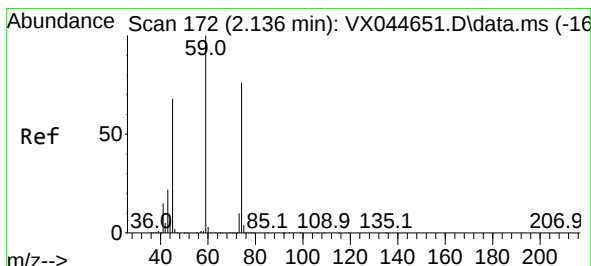
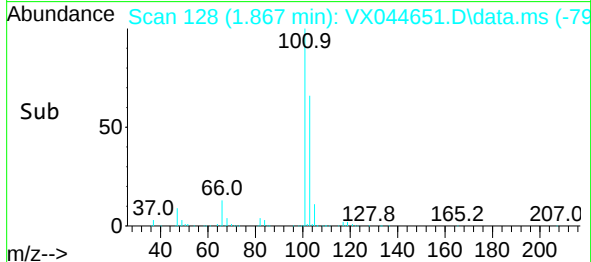
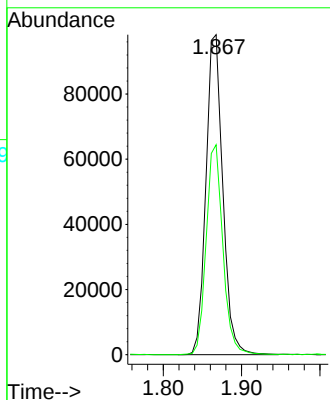
Instrument :
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 VSTDICCC050



Tgt Ion:101 Resp: 146280
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7

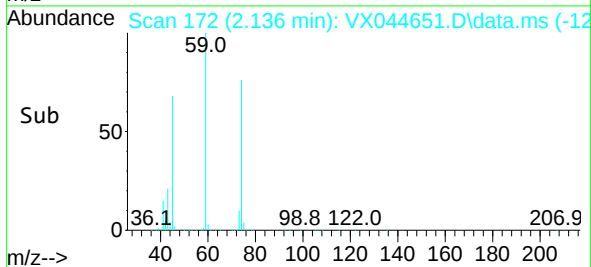
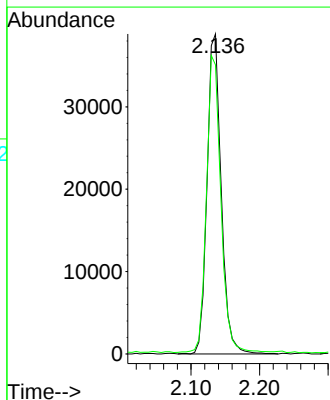
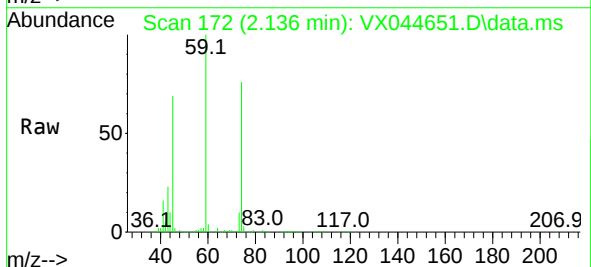
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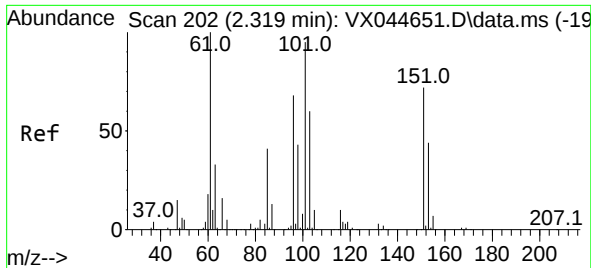
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#8
 Diethyl Ether
 Concen: 45.569 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044651.D
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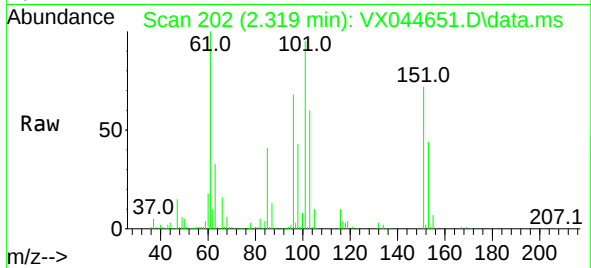
Tgt Ion: 74 Resp: 55843
 Ion Ratio Lower Upper
 74 100
 45 94.2 47.1 141.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.343 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

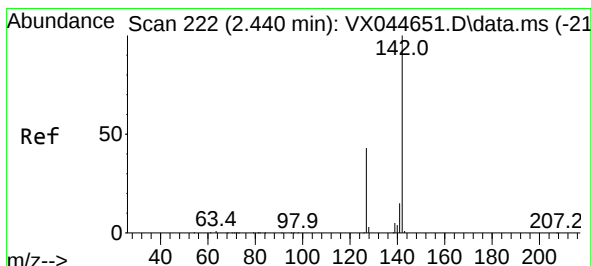
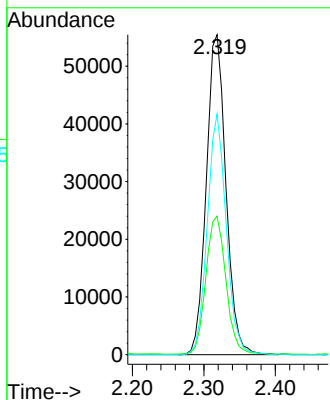
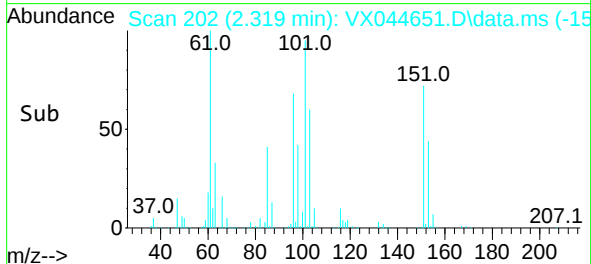
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:101 Resp: 105780
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 72.8 58.2 87.4

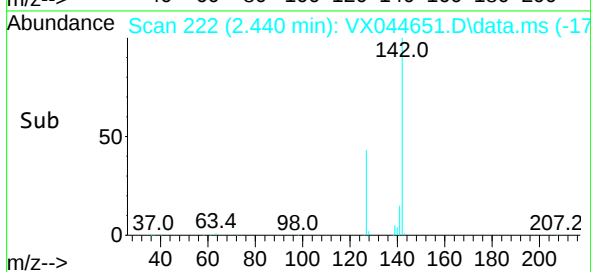
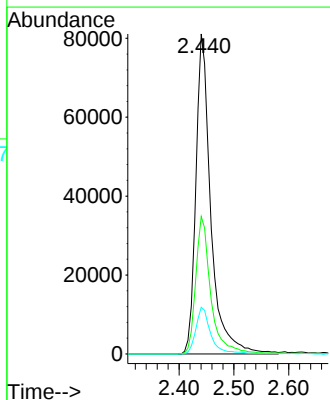
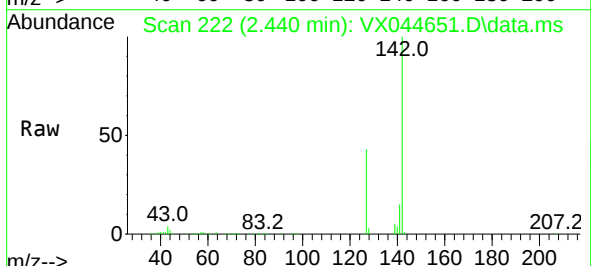
Manual Integrations
APPROVED

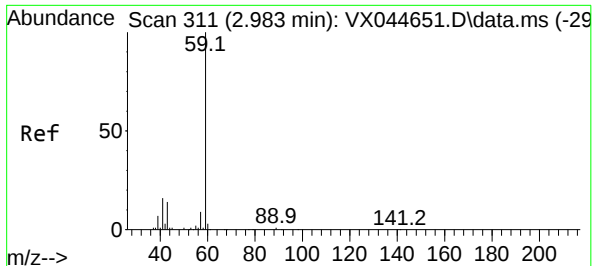
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#10
Methyl Iodide
Concen: 49.525 ug/l
RT: 2.440 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

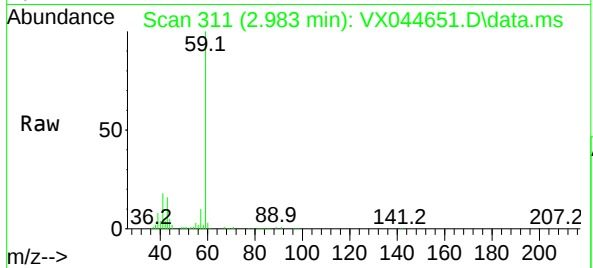
Tgt Ion:142 Resp: 154347
Ion Ratio Lower Upper
142 100
127 43.7 35.0 52.4
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 222.325 ug/l m
RT: 2.983 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

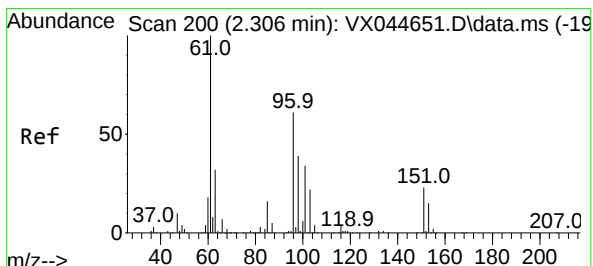
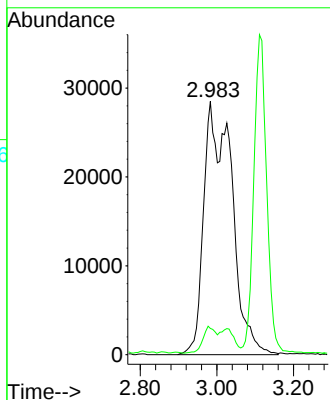
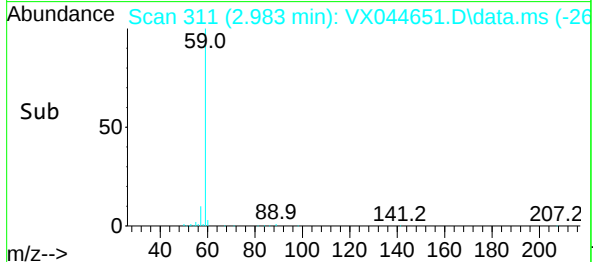
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



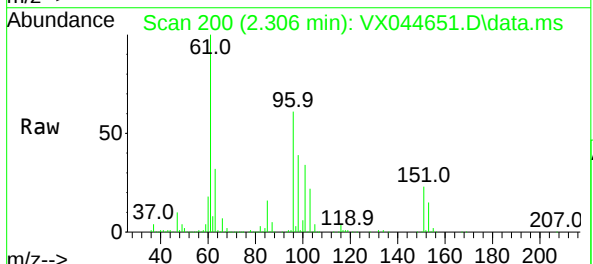
Tgt Ion: 59 Resp: 144614
Ion Ratio Lower Upper
59 100
57 4.9 3.9 5.9

Manual Integrations
APPROVED

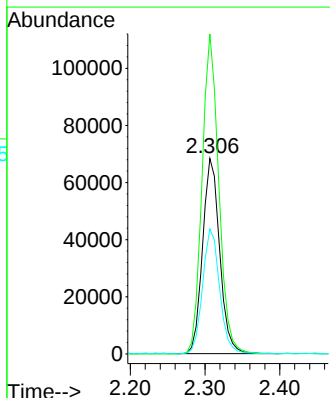
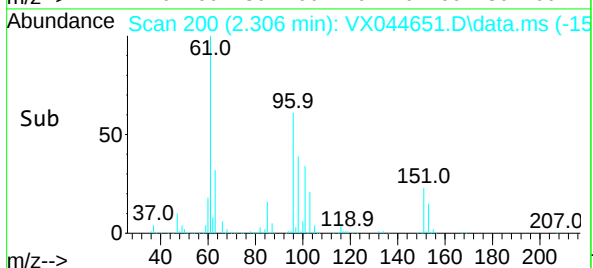
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

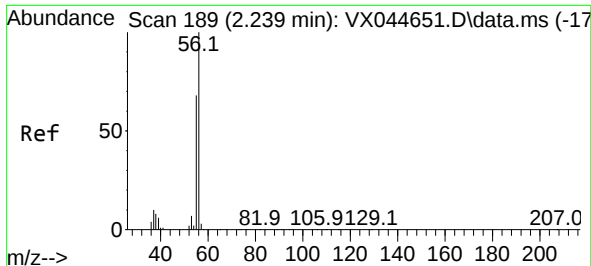


#12
1,1-Dichloroethene
Concen: 48.342 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



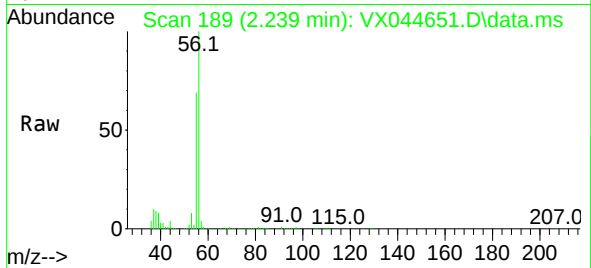
Tgt Ion: 96 Resp: 108167
Ion Ratio Lower Upper
96 100
61 163.9 131.1 196.7
98 64.0 51.2 76.8





#13
Acrolein
Concen: 213.821 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

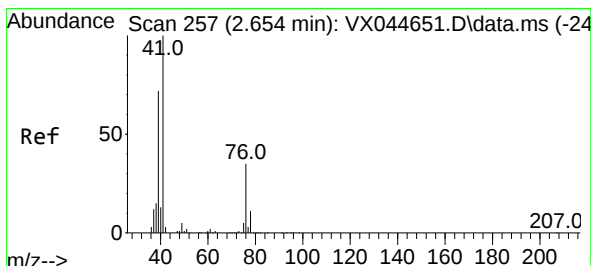
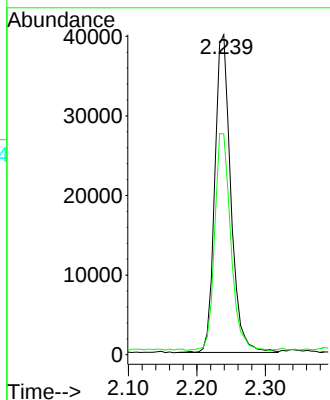
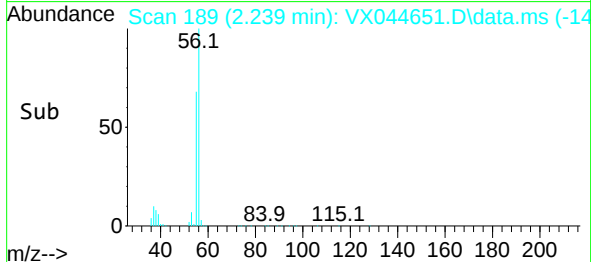
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 6470
Ion Ratio Lower Upper
56 100
55 68.9 55.1 82.7

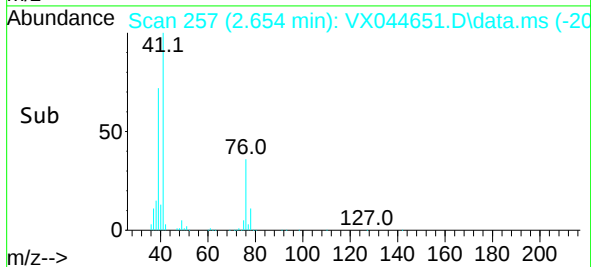
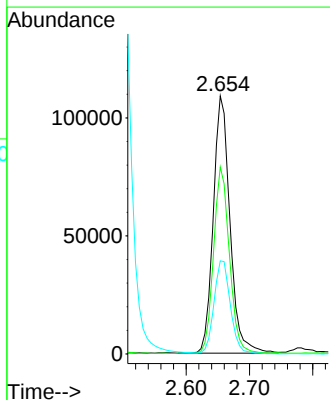
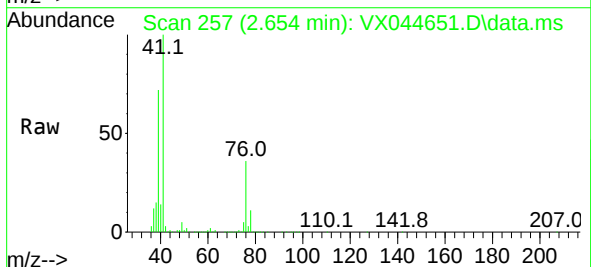
Manual Integrations
APPROVED

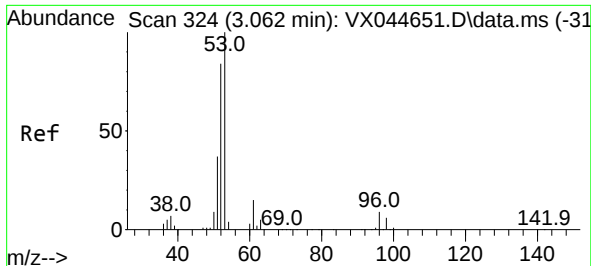
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#14
Allyl chloride
Concen: 46.011 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

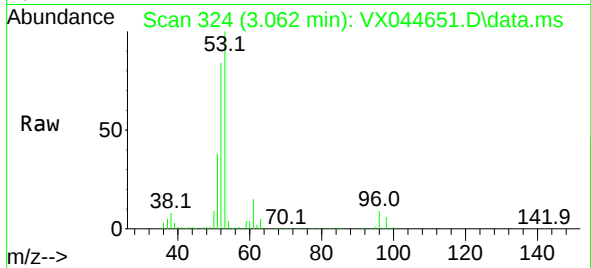
Tgt Ion: 41 Resp: 200446
Ion Ratio Lower Upper
41 100
39 68.6 54.9 82.3
76 35.5 28.4 42.6





#15
Acrylonitrile
Concen: 236.777 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

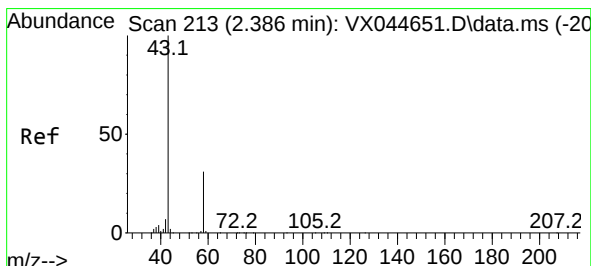
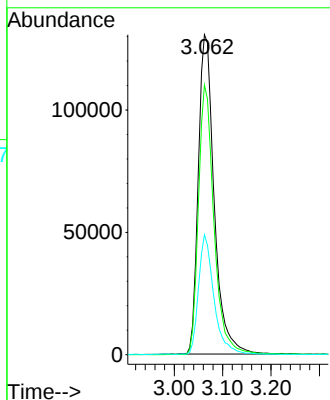
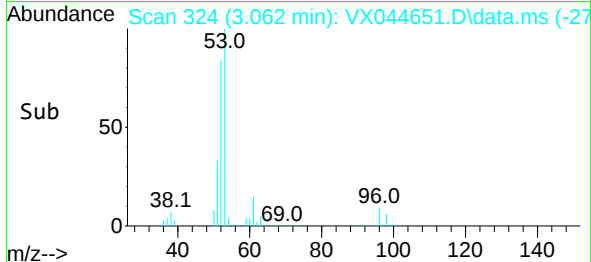
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



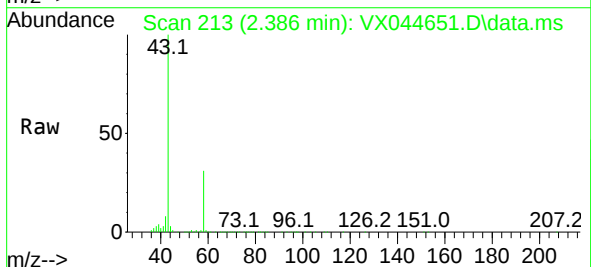
Tgt Ion: 53 Resp: 298629
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.1 28.9 43.3

Manual Integrations
APPROVED

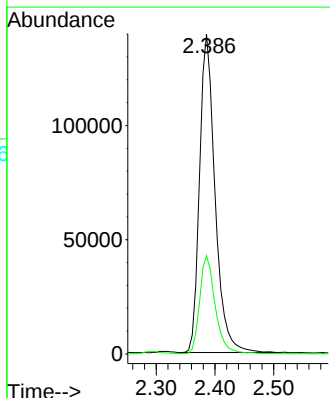
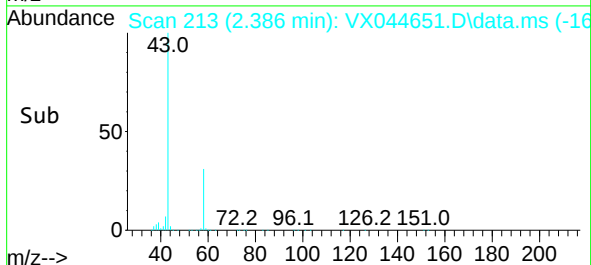
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

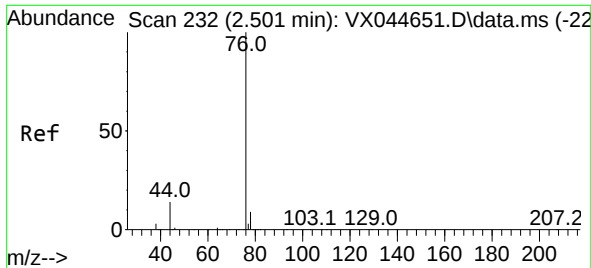


#16
Acetone
Concen: 223.898 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



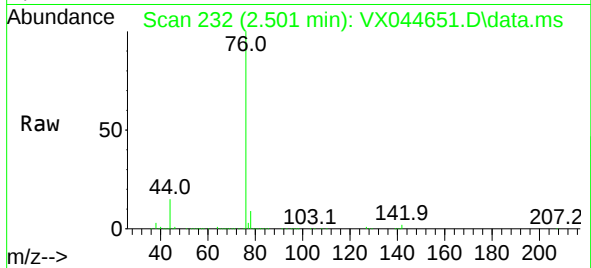
Tgt Ion: 43 Resp: 255513
Ion Ratio Lower Upper
43 100
58 30.8 24.6 37.0





#17
Carbon Disulfide
Concen: 48.333 ug/l
RT: 2.501 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

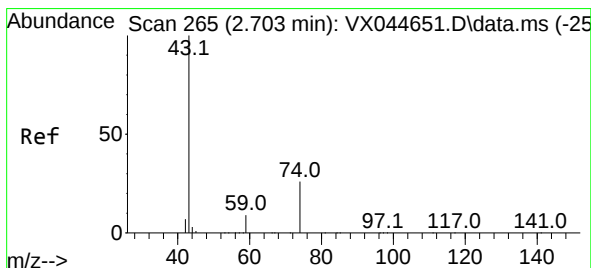
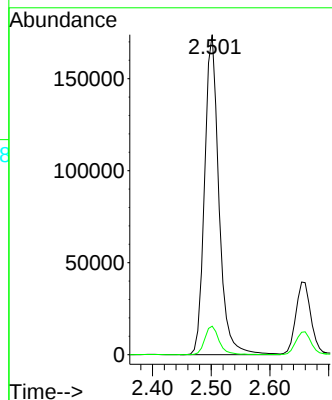
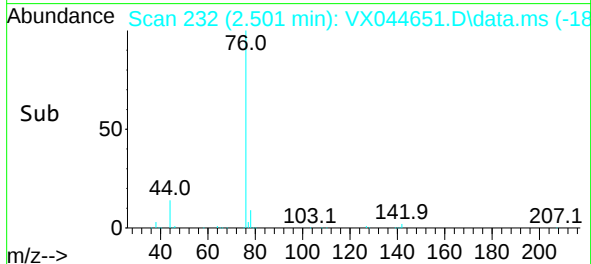
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



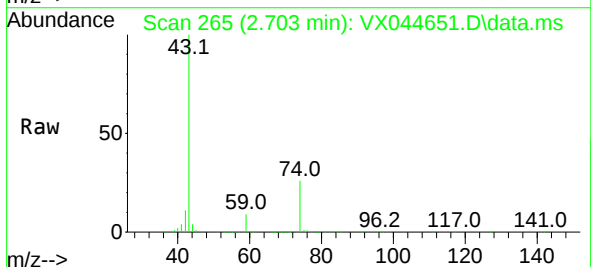
Tgt Ion: 76 Resp: 295098
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7

Manual Integrations
APPROVED

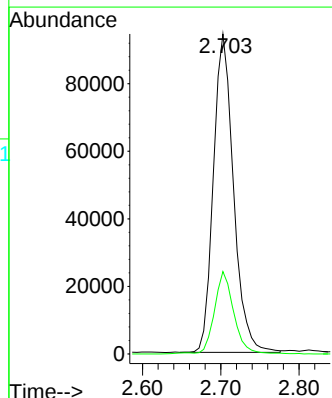
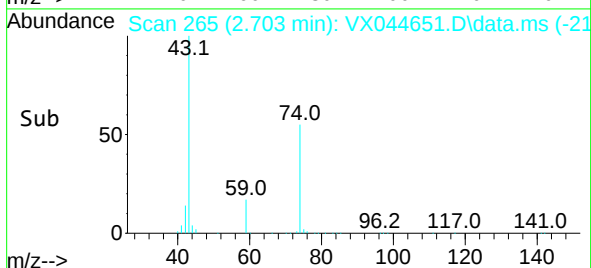
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

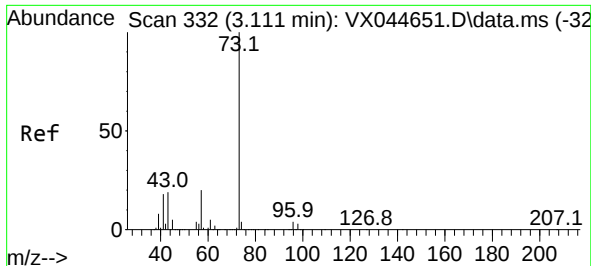


#18
Methyl Acetate
Concen: 47.777 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



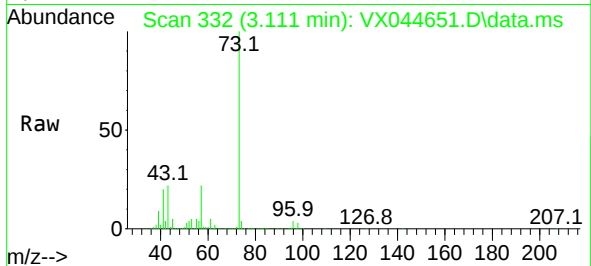
Tgt Ion: 43 Resp: 168213
Ion Ratio Lower Upper
43 100
74 24.8 19.8 29.8





#19
Methyl tert-butyl Ether
Concen: 47.913 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

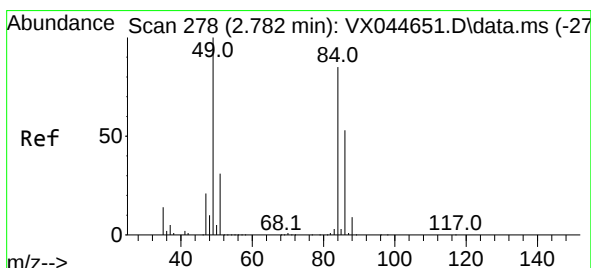
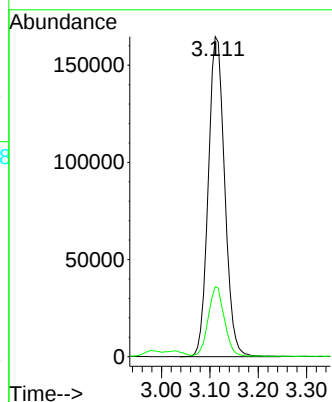
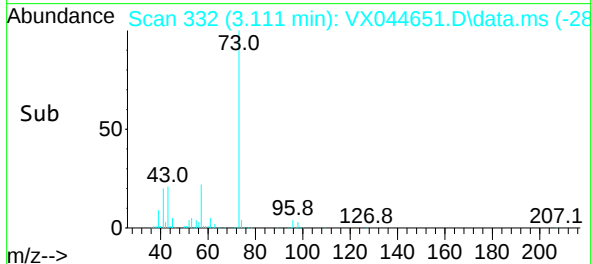
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 73 Resp: 388300
Ion Ratio Lower Upper
73 100
57 21.7 17.4 26.0

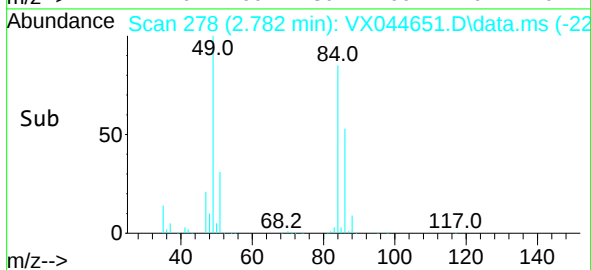
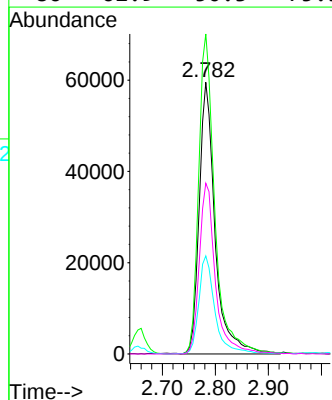
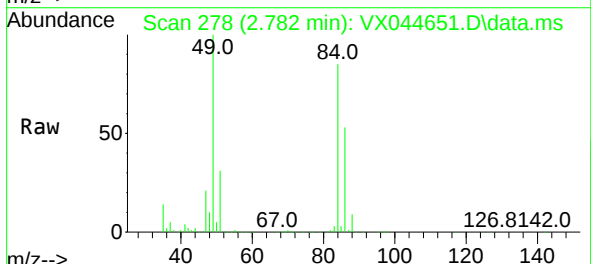
Manual Integrations
APPROVED

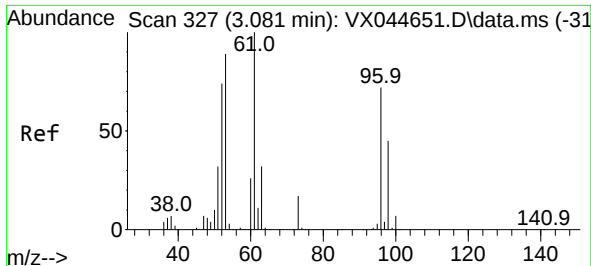
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#20
Methylene Chloride
Concen: 46.761 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

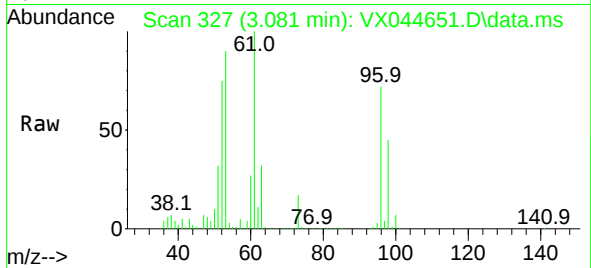
Tgt Ion: 84 Resp: 124271
Ion Ratio Lower Upper
84 100
49 117.8 94.2 141.4
51 36.0 28.8 43.2
86 62.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 46.441 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

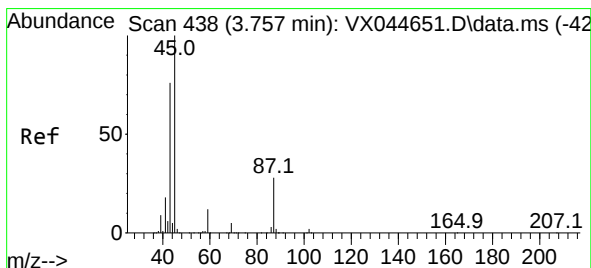
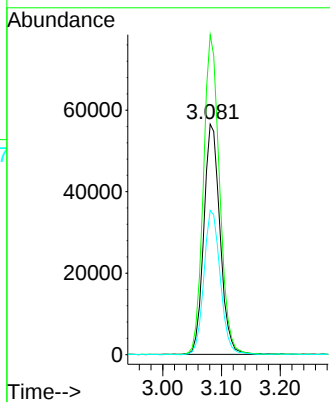
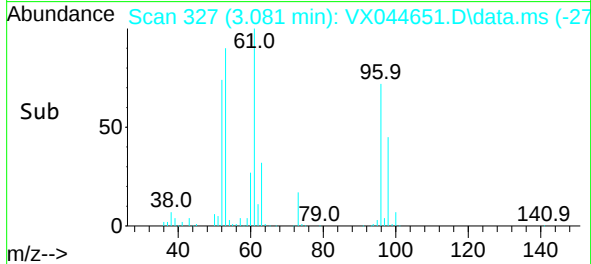
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 96 Resp: 108489
Ion Ratio Lower Upper
96 100
61 138.8 111.0 166.6
98 62.7 50.2 75.2

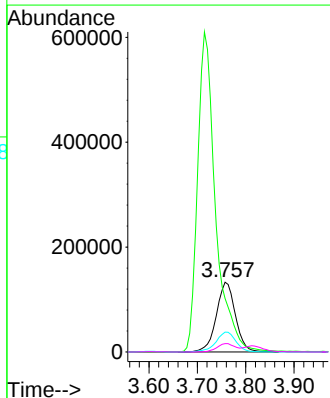
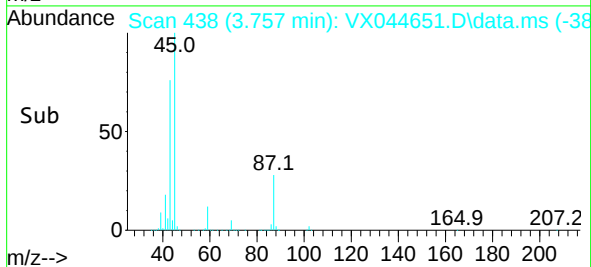
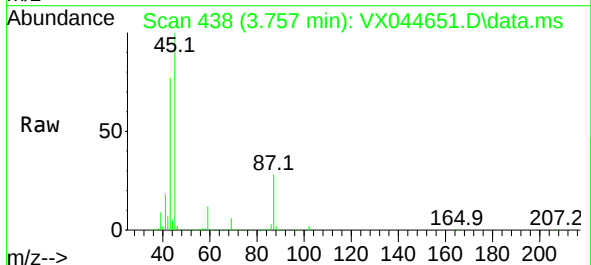
Manual Integrations
APPROVED

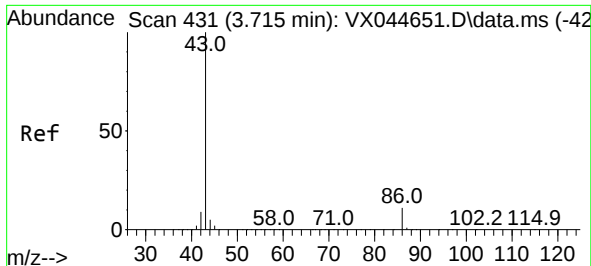
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#22
Diisopropyl ether
Concen: 47.964 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

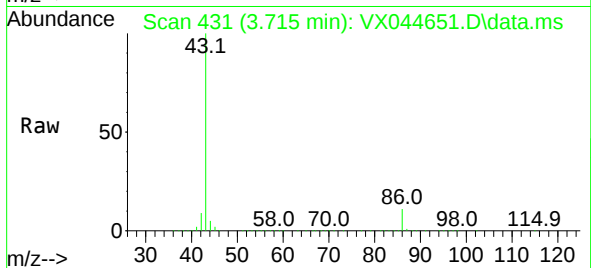
Tgt Ion: 45 Resp: 363224
Ion Ratio Lower Upper
45 100
43 76.3 61.0 91.6
87 28.4 22.7 34.1
59 11.8 9.4 14.2





#23
 Vinyl Acetate
 Concen: 237.862 ug/l
 RT: 3.715 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX044651.D
 Acq: 15 Jan 2025 12:02

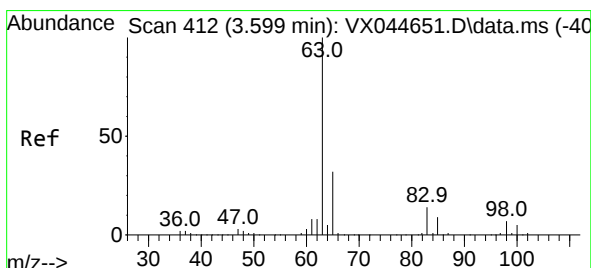
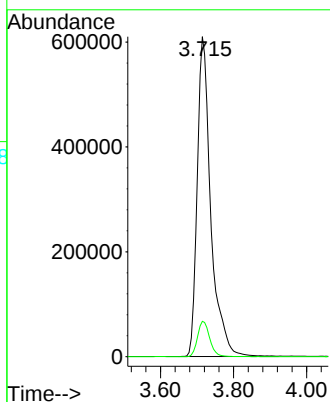
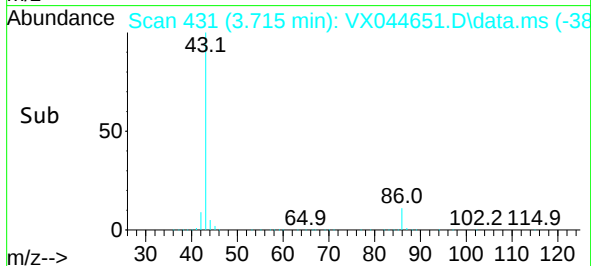
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



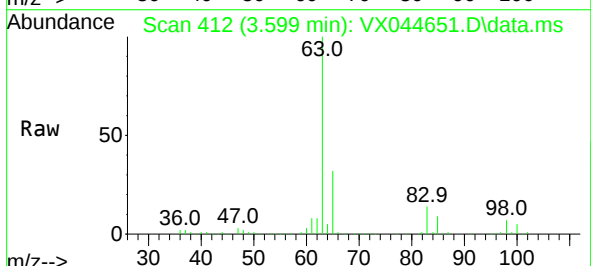
Tgt Ion: 43 Resp: 1576614
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3

Manual Integrations
 APPROVED

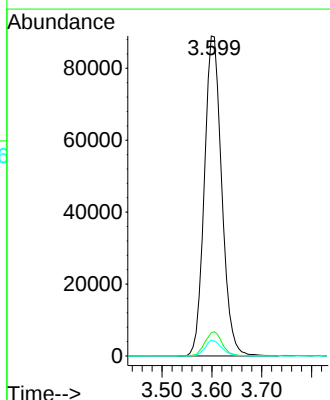
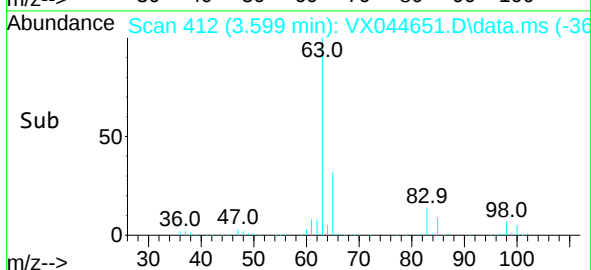
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025

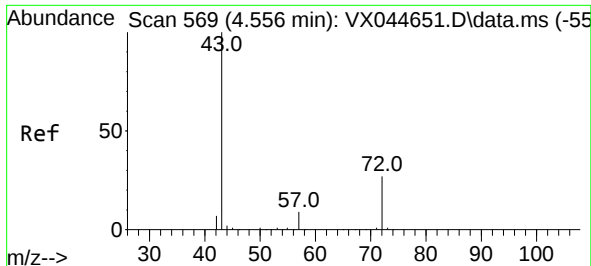


#24
 1,1-Dichloroethane
 Concen: 47.915 ug/l
 RT: 3.599 min Scan# 412
 Delta R.T. 0.000 min
 Lab File: VX044651.D
 Acq: 15 Jan 2025 12:02



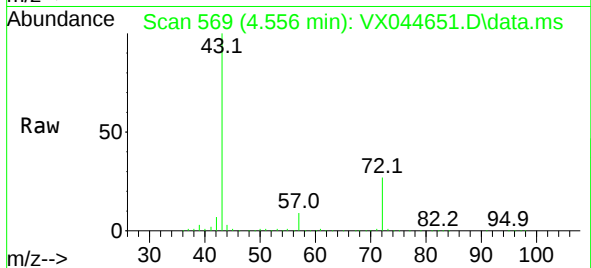
Tgt Ion: 63 Resp: 215178
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.0 2.5 7.5





#25
2-Butanone
Concen: 239.931 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

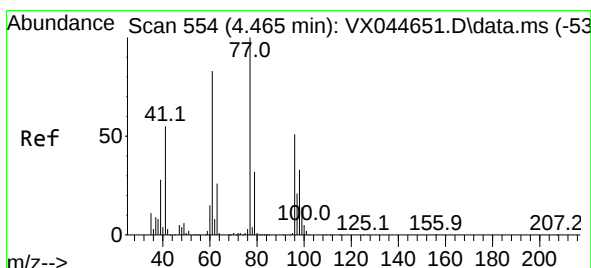
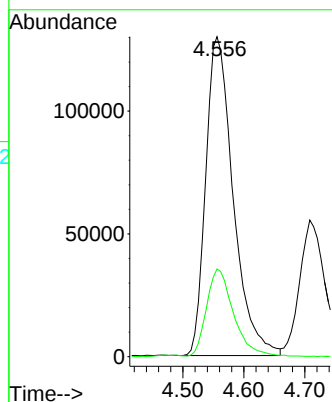
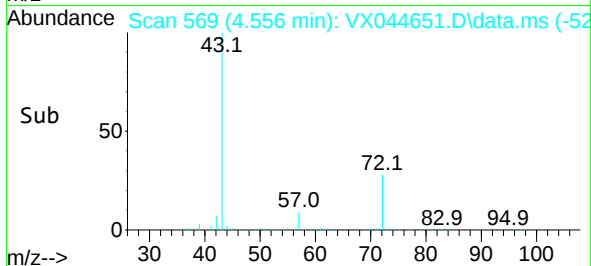
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 407104
Ion Ratio Lower Upper
43 100
72 27.1 21.7 32.5

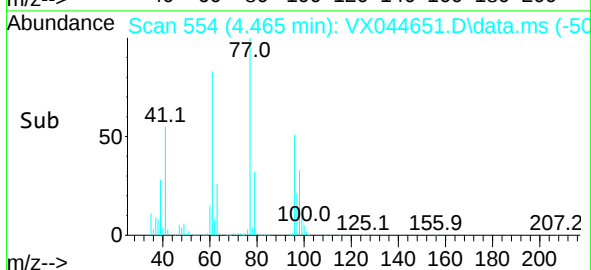
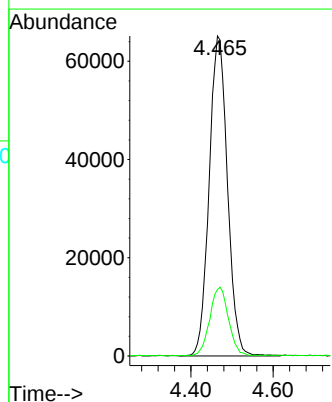
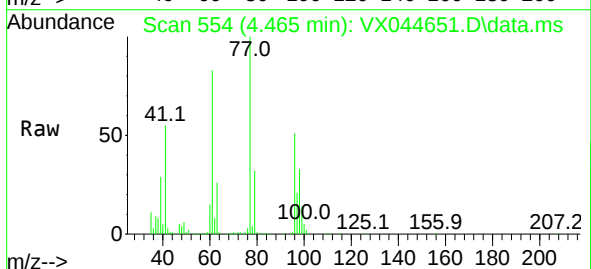
Manual Integrations
APPROVED

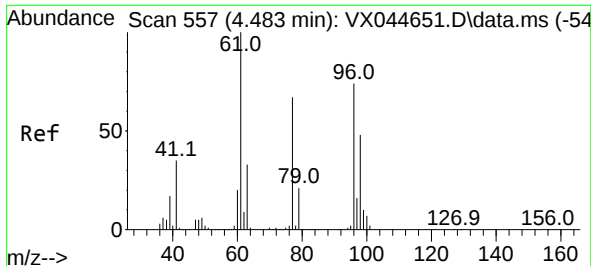
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#26
2,2-Dichloropropane
Concen: 46.271 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

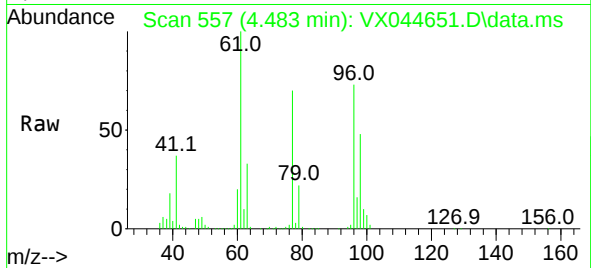
Tgt Ion: 77 Resp: 201388
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.6





#27
cis-1,2-Dichloroethene
Concen: 46.654 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

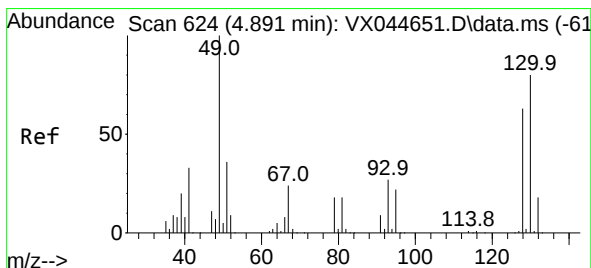
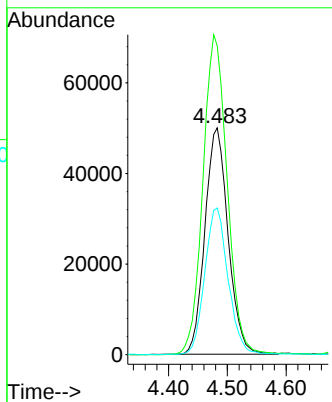
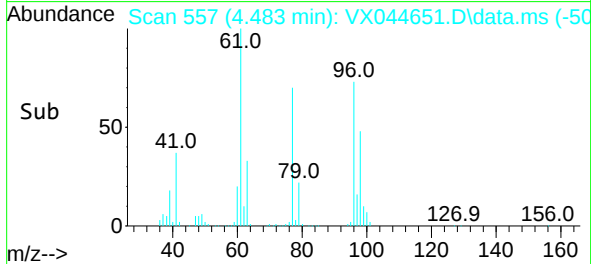
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



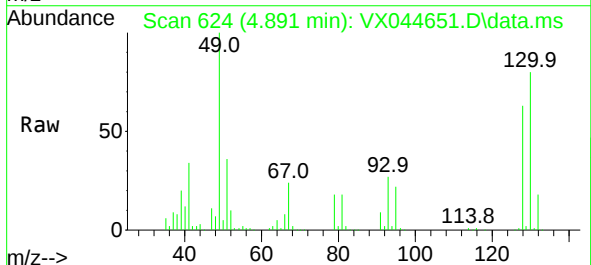
Tgt Ion: 96 Resp: 13709
Ion Ratio Lower Upper
96 100
61 148.0 0.0 296.0
98 65.0 0.0 130.0

Manual Integrations
APPROVED

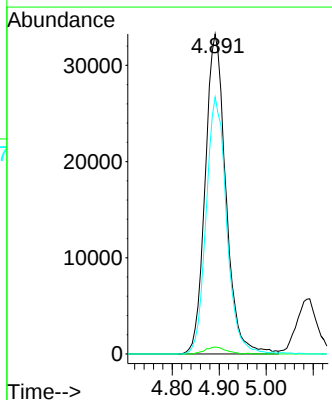
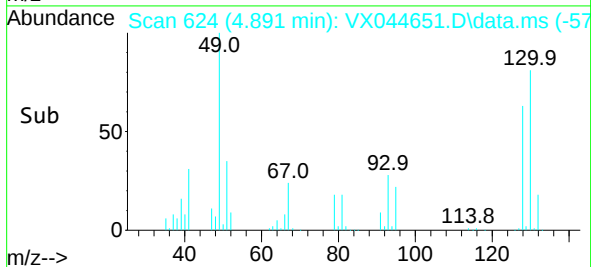
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

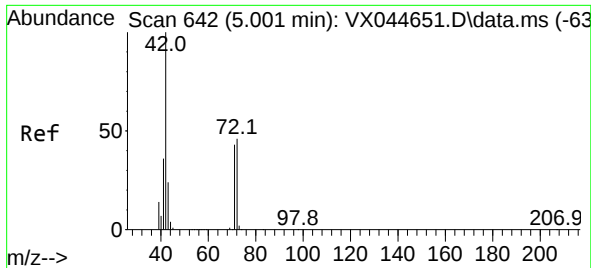


#28
Bromochloromethane
Concen: 48.346 ug/l
RT: 4.891 min Scan# 624
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



Tgt Ion: 49 Resp: 101453
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.4
130 79.3 63.4 95.2





#29

Tetrahydrofuran

Concen: 233.952 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

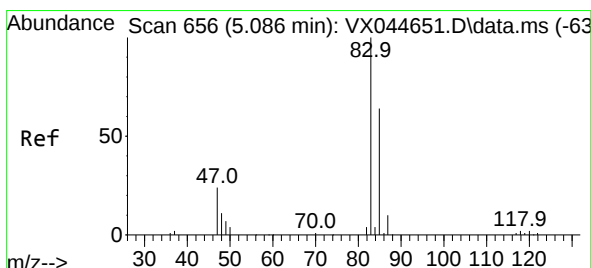
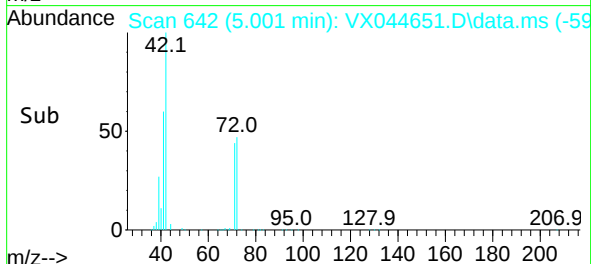
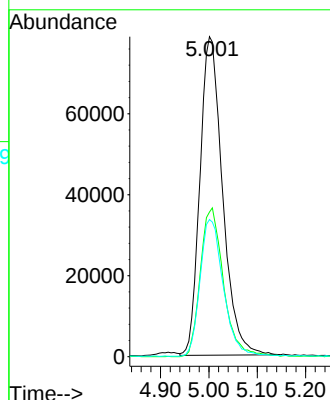
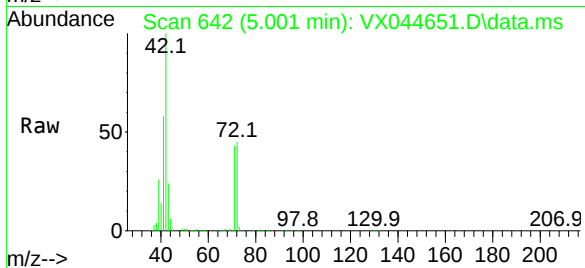
Tgt Ion: 42 Resp: 25605
 Ion Ratio Lower Upper
 42 100
 72 47.8 38.2 57.4
 71 44.1 35.3 52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#30

Chloroform

Concen: 48.144 ug/l

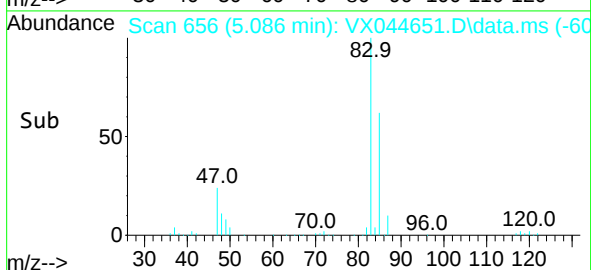
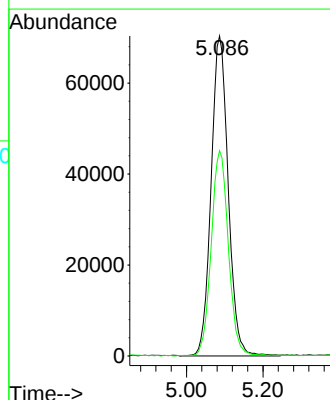
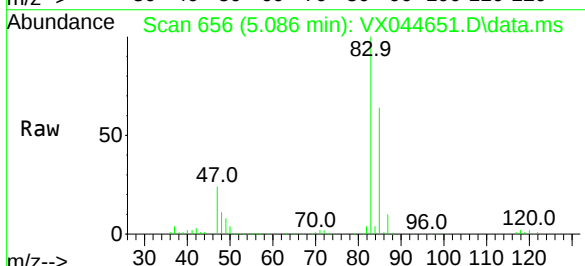
RT: 5.086 min Scan# 656

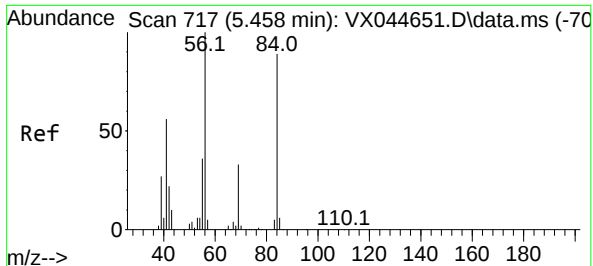
Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

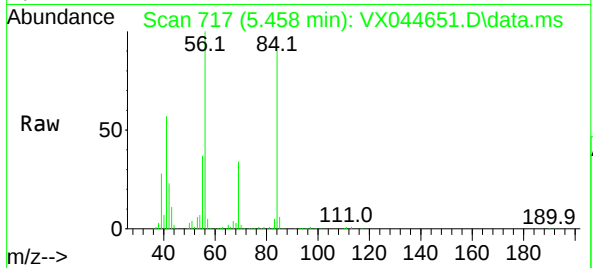
Tgt Ion: 83 Resp: 218193
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.2 76.8





#31
Cyclohexane
Concen: 48.981 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

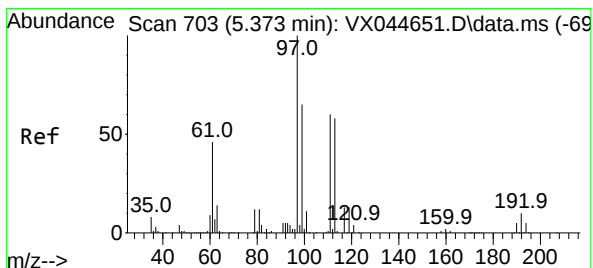
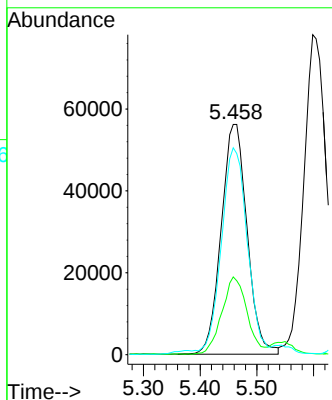
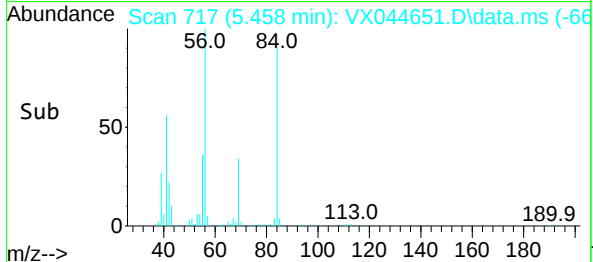
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 56 Resp: 177904
Ion Ratio Lower Upper
56 100
69 33.5 26.8 40.2
84 88.7 71.0 106.4

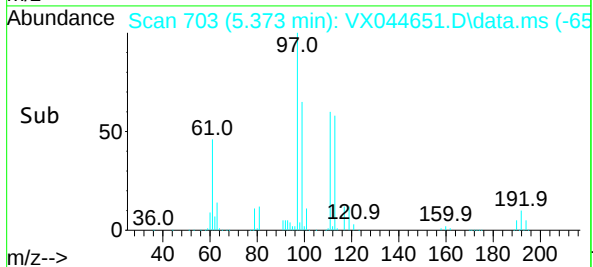
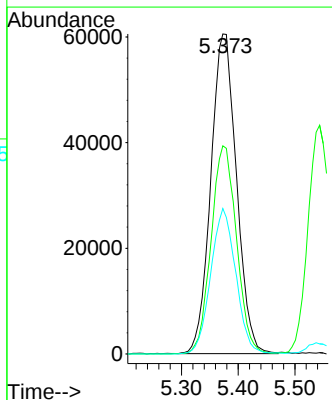
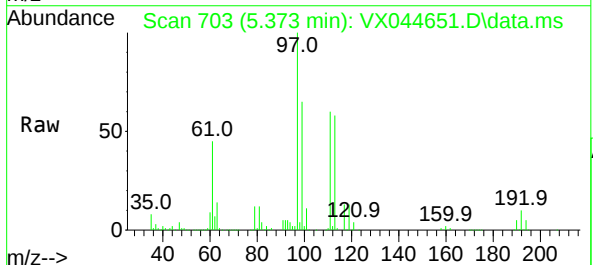
Manual Integrations
APPROVED

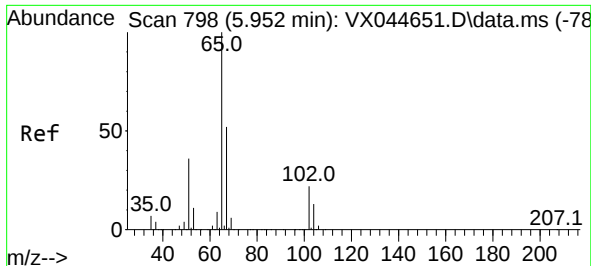
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#32
1,1,1-Trichloroethane
Concen: 45.718 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Tgt Ion: 97 Resp: 190478
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 44.5 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 49.339 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 65 Resp: 142310

Ion Ratio Lower Upper

65 100

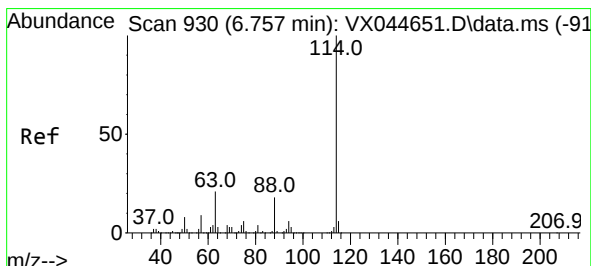
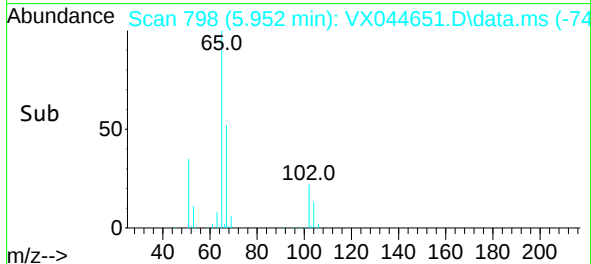
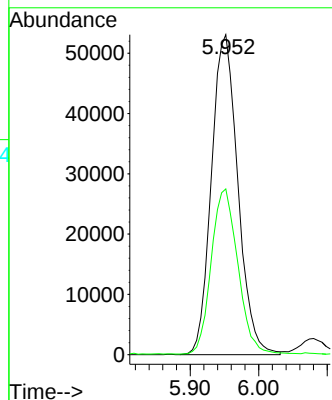
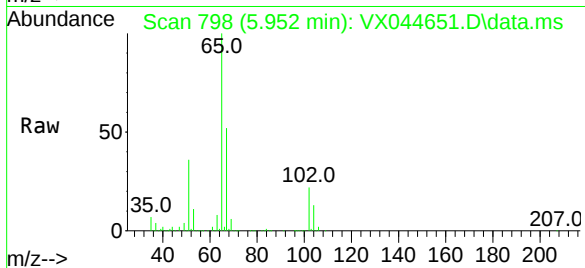
67 51.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

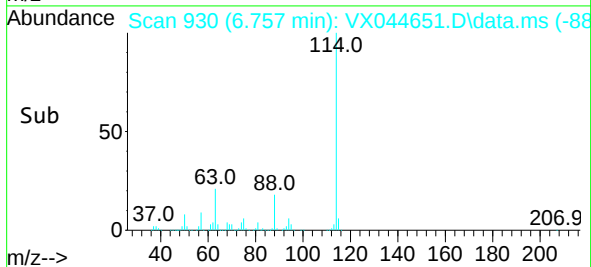
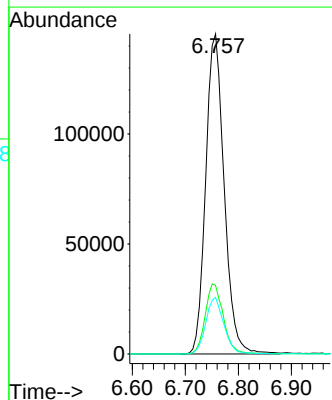
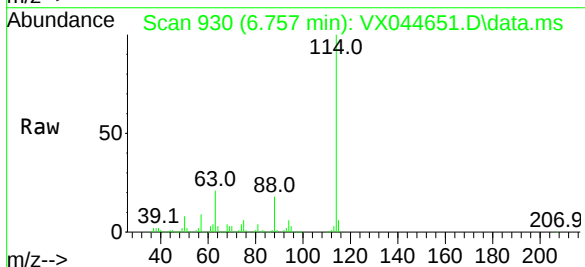
Tgt Ion:114 Resp: 351701

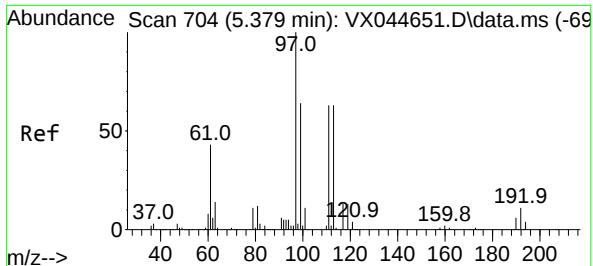
Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.0

88 17.7 0.0 35.4





#35

Dibromofluoromethane

Concen: 50.011 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:113 Resp: 111739

Ion Ratio Lower Upper

113 100

111 102.0 81.6 122.4

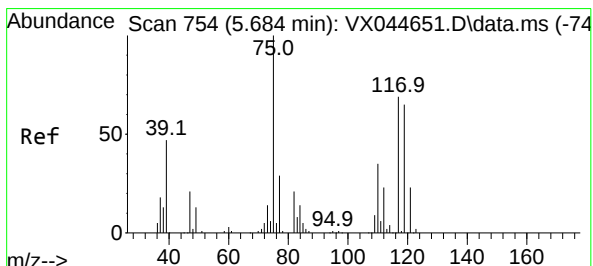
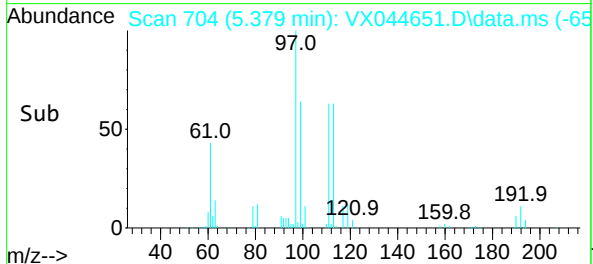
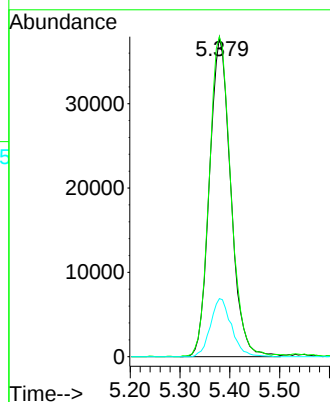
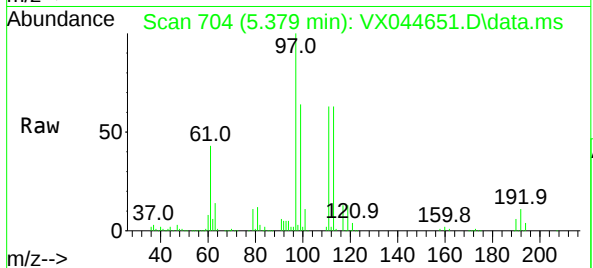
192 18.0 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#36

1,1-Dichloropropene

Concen: 46.120 ug/l

RT: 5.684 min Scan# 754

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

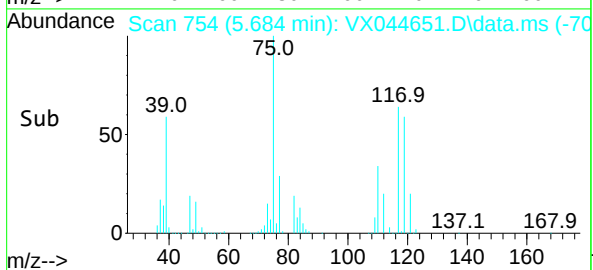
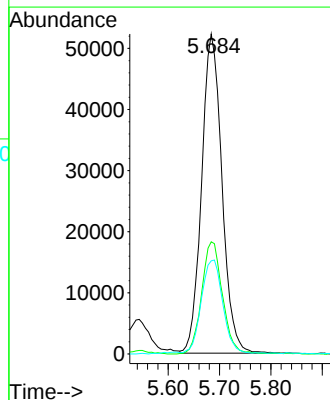
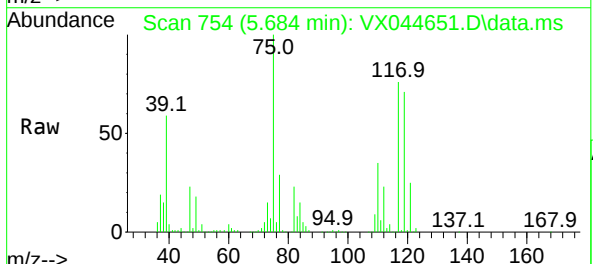
Tgt Ion: 75 Resp: 143445

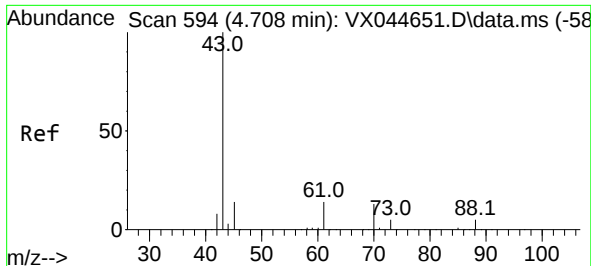
Ion Ratio Lower Upper

75 100

110 35.9 17.9 53.8

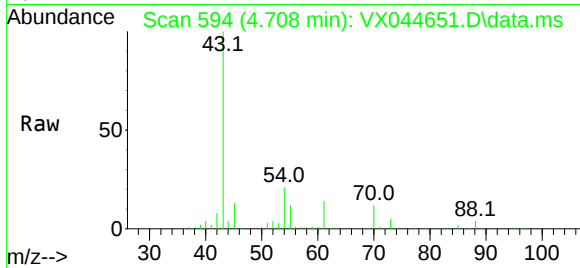
77 30.6 24.5 36.7





#37
Ethyl Acetate
Concen: 49.168 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

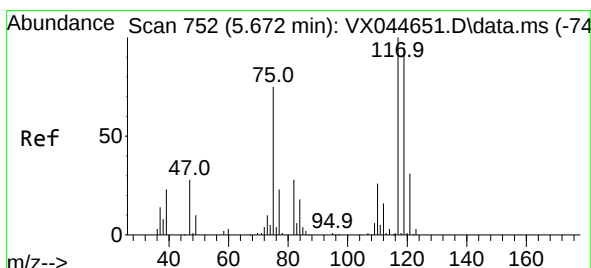
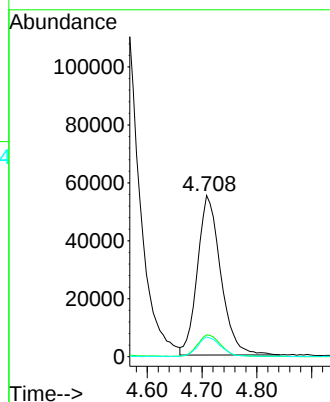
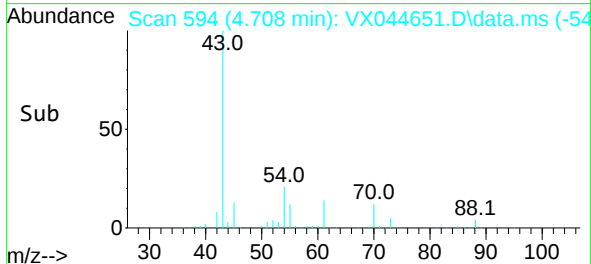
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 16285
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 12.6 10.1 15.1

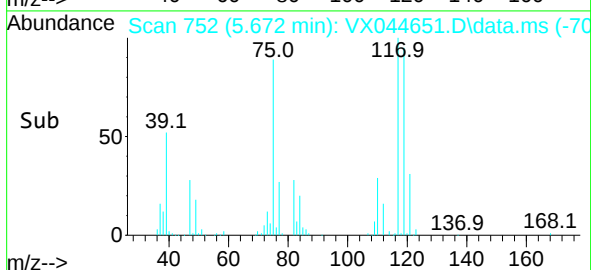
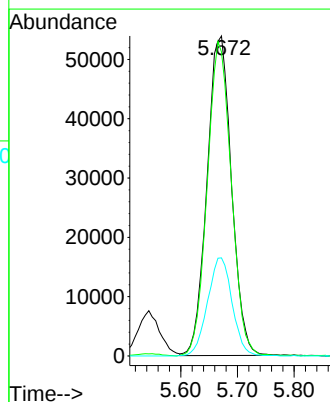
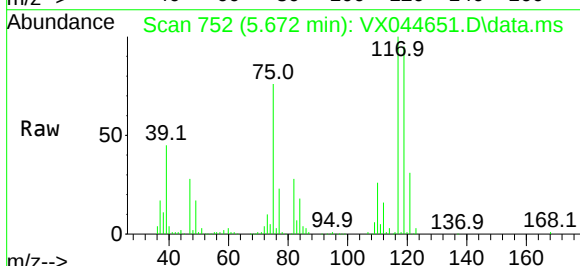
Manual Integrations
APPROVED

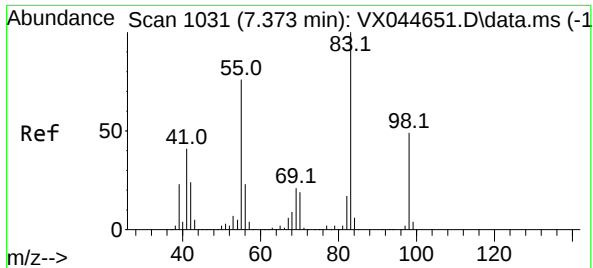
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#38
Carbon Tetrachloride
Concen: 46.273 ug/l
RT: 5.672 min Scan# 752
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Tgt Ion:117 Resp: 161882
Ion Ratio Lower Upper
117 100
119 95.0 76.0 114.0
121 30.7 24.6 36.8





#39

Methylcyclohexane

Concen: 46.929 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

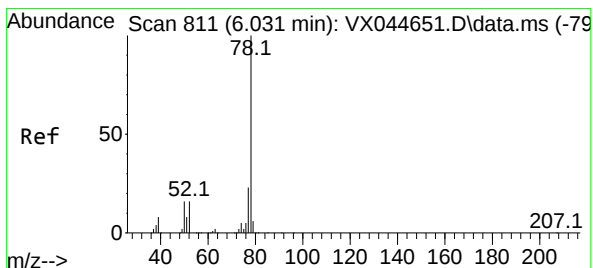
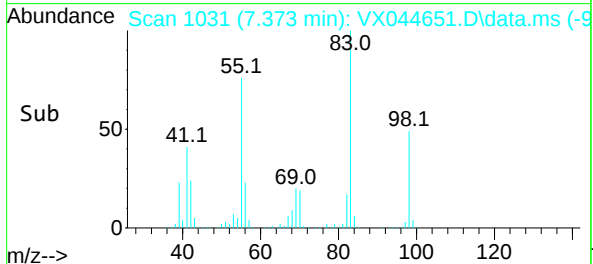
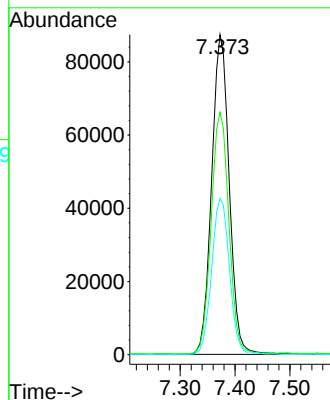
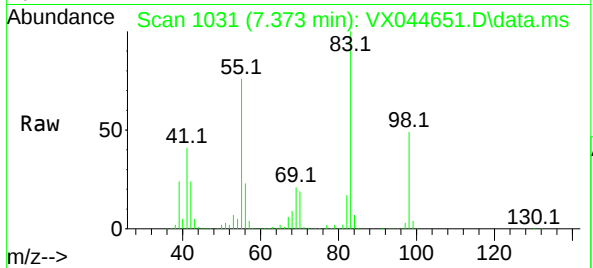
Tgt Ion: 83 Resp: 193759
 Ion Ratio Lower Upper
 83 100
 55 75.6 60.5 90.7
 98 48.7 39.0 58.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#40

Benzene

Concen: 47.670 ug/l

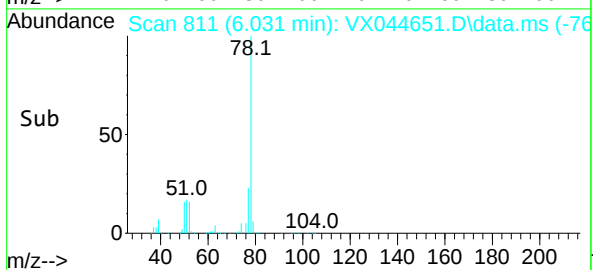
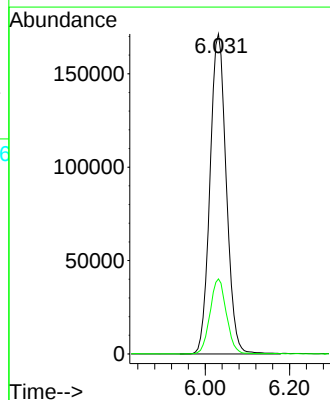
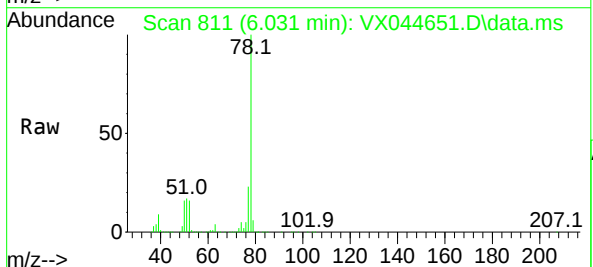
RT: 6.031 min Scan# 811

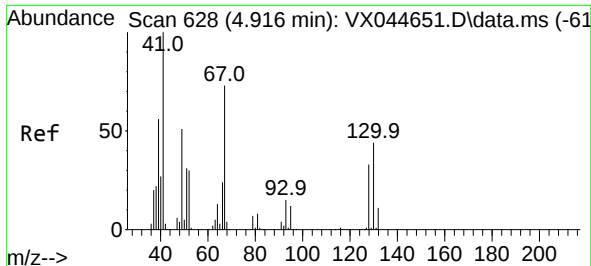
Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

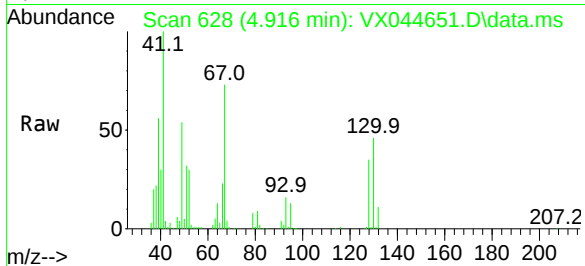
Tgt Ion: 78 Resp: 459433
 Ion Ratio Lower Upper
 78 100
 77 23.4 18.7 28.1





#41
Methacrylonitrile
Concen: 47.017 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

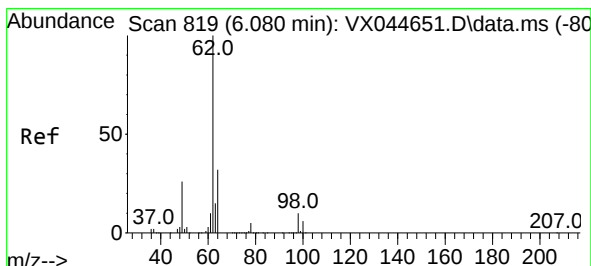
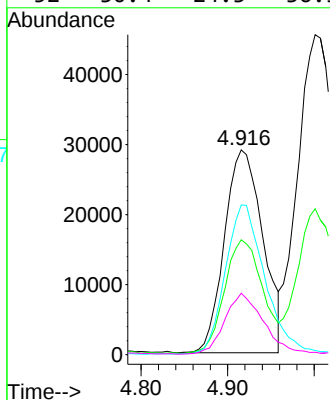
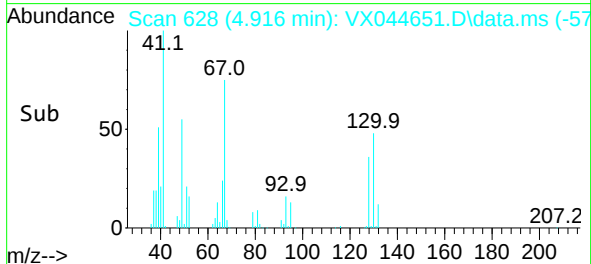
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



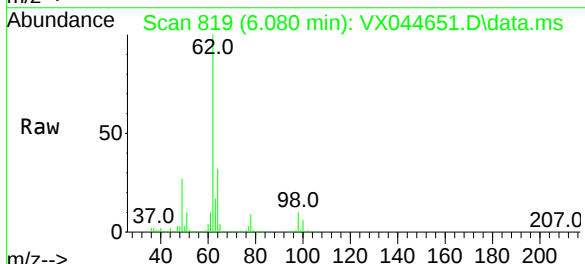
Tgt Ion: 41 Resp: 89498
Ion Ratio Lower Upper
41 100
39 55.5 44.4 66.6
67 75.7 60.6 90.8
52 30.4 24.3 36.5

Manual Integrations
APPROVED

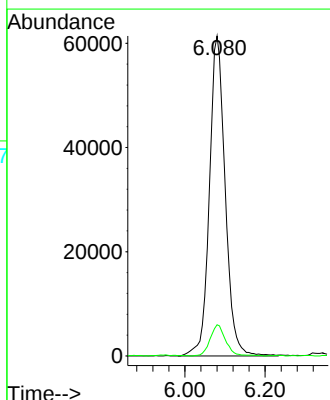
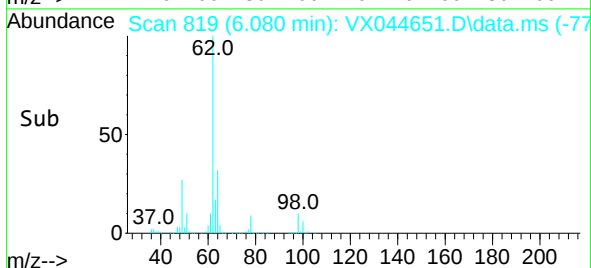
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

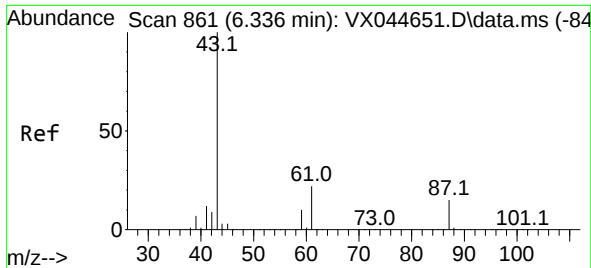


#42
1,2-Dichloroethane
Concen: 47.725 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



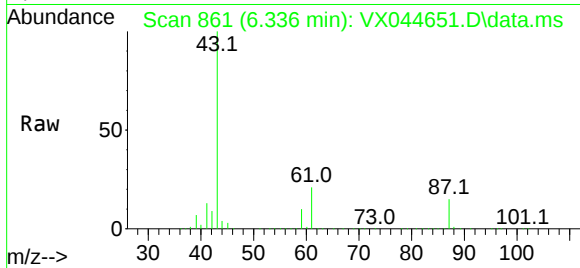
Tgt Ion: 62 Resp: 167878
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 47.053 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

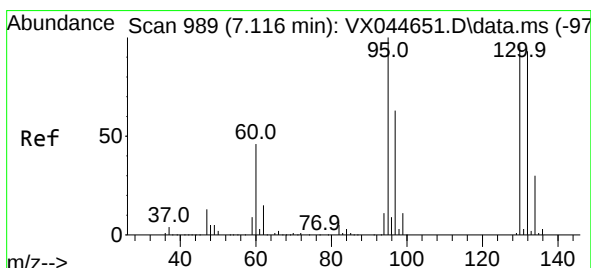
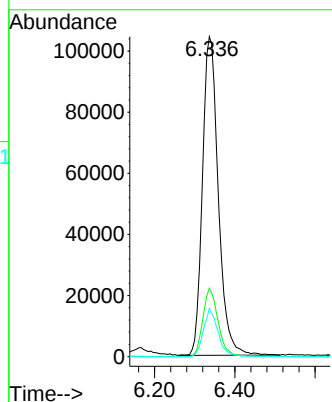
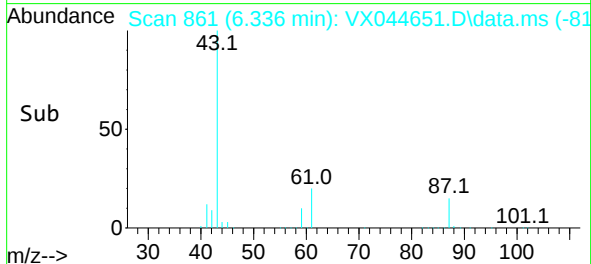
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 28669
Ion Ratio Lower Upper
43 100
61 20.7 16.6 24.8
87 13.8 11.0 16.6

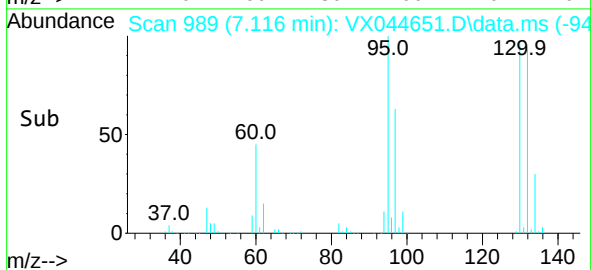
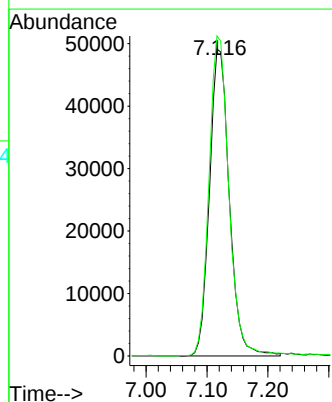
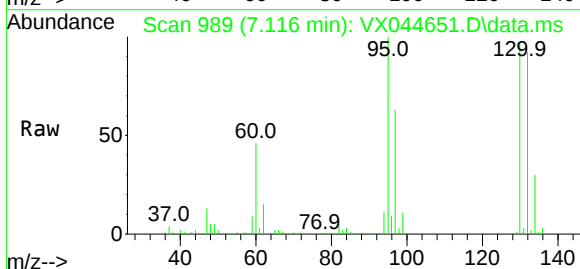
Manual Integrations
APPROVED

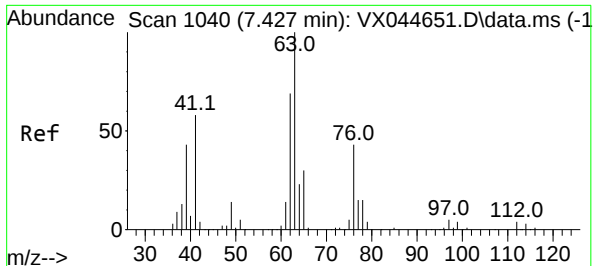
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#44
Trichloroethene
Concen: 47.956 ug/l
RT: 7.116 min Scan# 989
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Tgt Ion:130 Resp: 111112
Ion Ratio Lower Upper
130 100
95 104.1 0.0 208.2





#45

1,2-Dichloropropane

Concen: 47.660 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 63 Resp: 11562

Ion Ratio Lower Upper

63 100

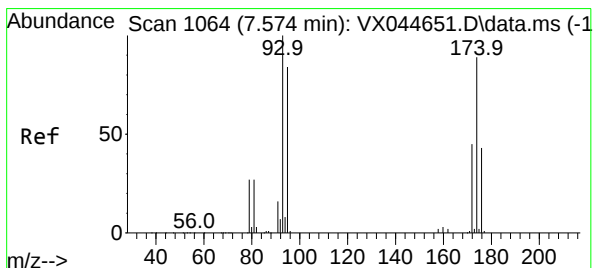
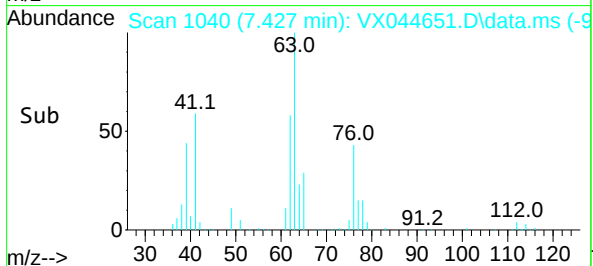
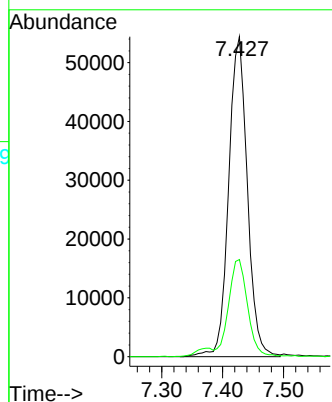
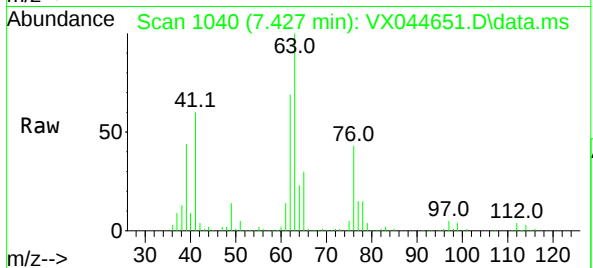
65 30.2 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#46

Dibromomethane

Concen: 46.813 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

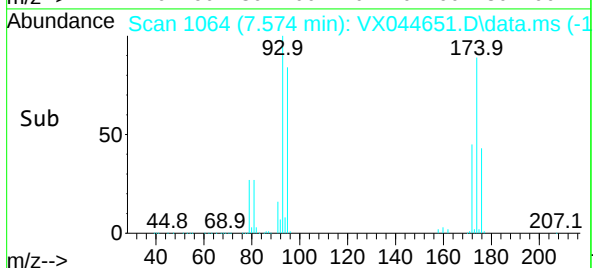
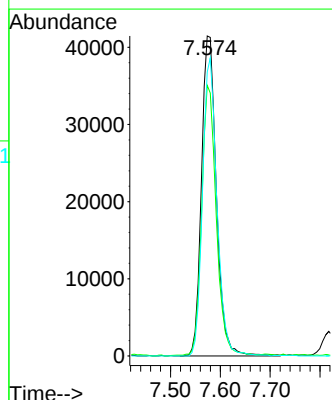
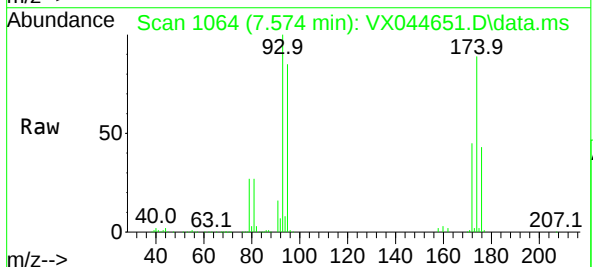
Tgt Ion: 93 Resp: 86455

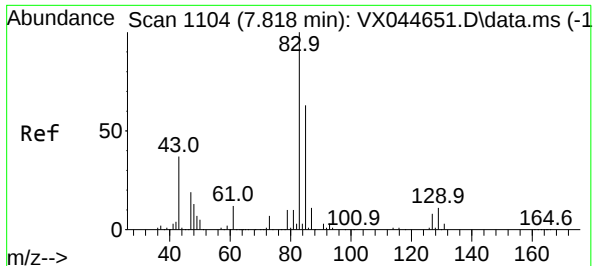
Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

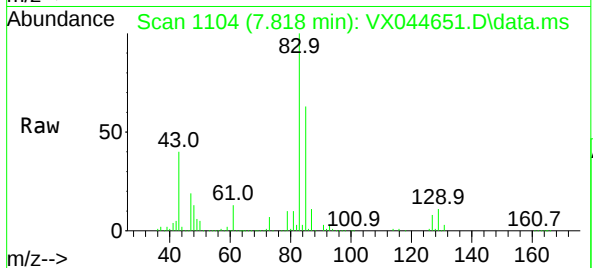
174 90.0 72.0 108.0





#47
Bromodichloromethane
Concen: 47.138 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

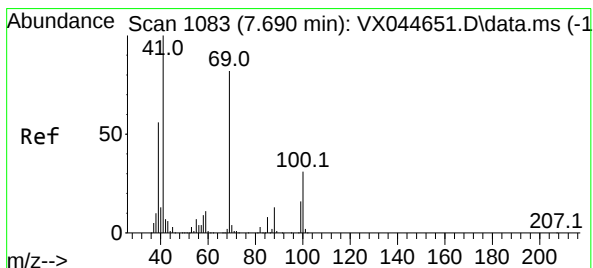
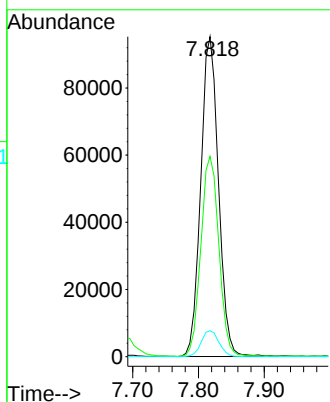
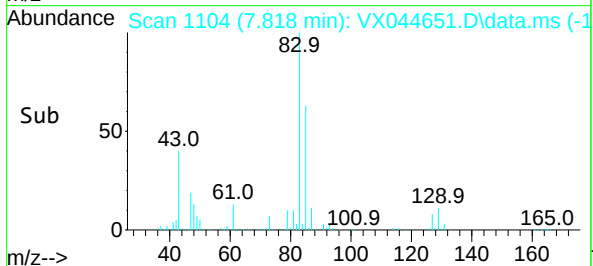
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 83 Resp: 17853
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 8.1 6.5 9.7

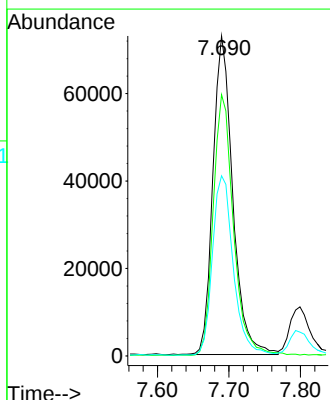
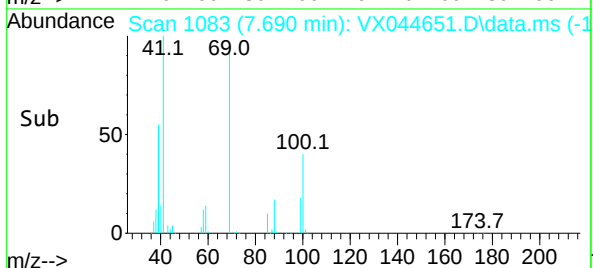
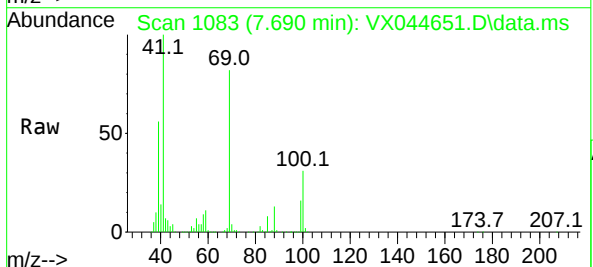
Manual Integrations
APPROVED

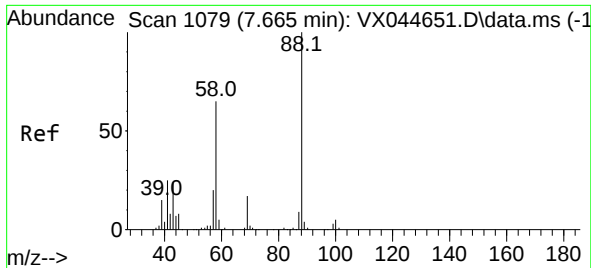
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#48
Methyl methacrylate
Concen: 49.659 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

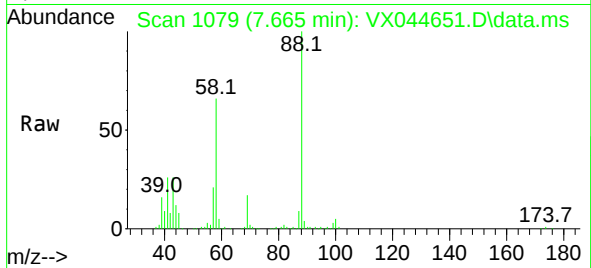
Tgt Ion: 41 Resp: 140450
Ion Ratio Lower Upper
41 100
69 83.5 66.8 100.2
39 59.2 47.4 71.0





#49
1,4-Dioxane
Concen: 943.583 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

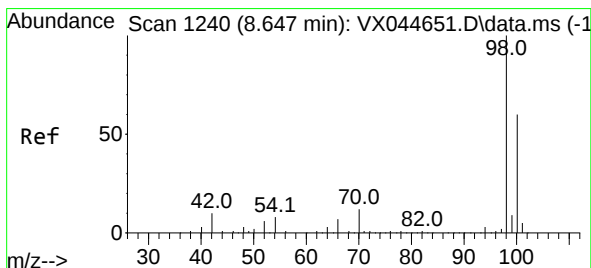
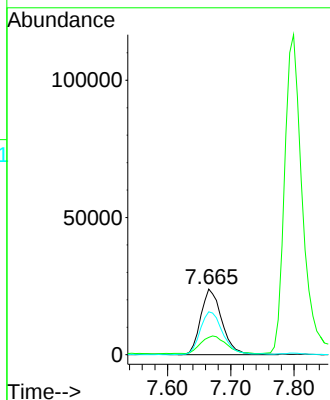
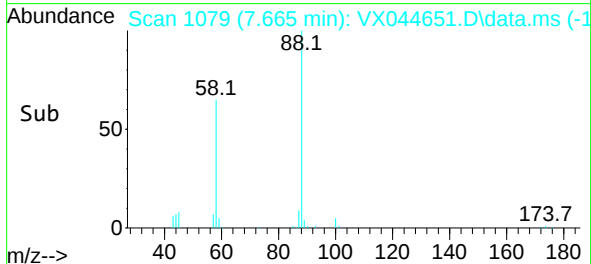
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 88 Resp: 55679
Ion Ratio Lower Upper
88 100
43 33.7 27.0 40.4
58 69.8 55.8 83.8

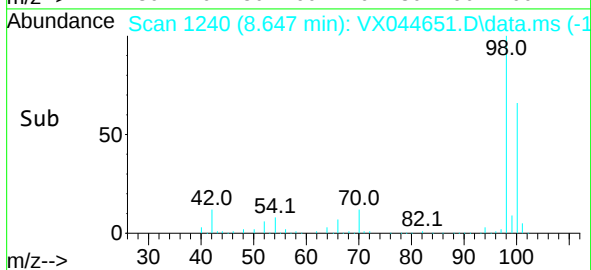
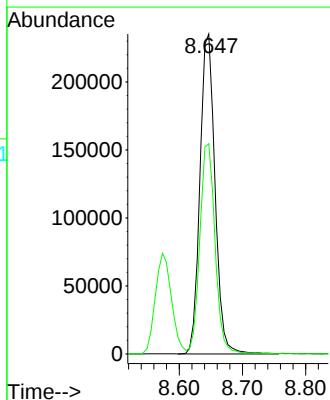
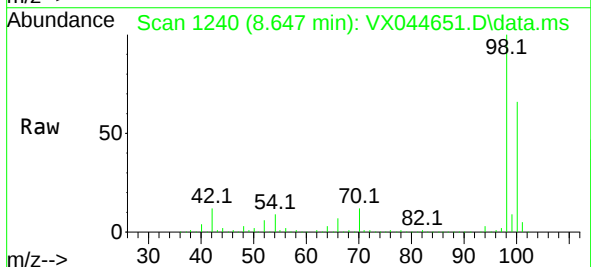
Manual Integrations
APPROVED

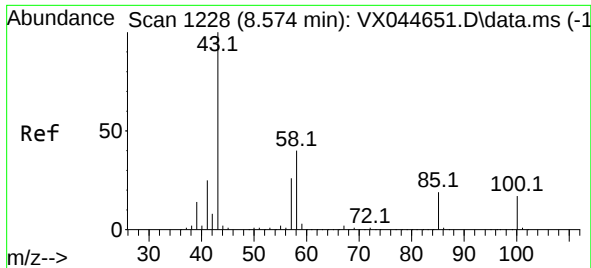
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#50
Toluene-d8
Concen: 50.145 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

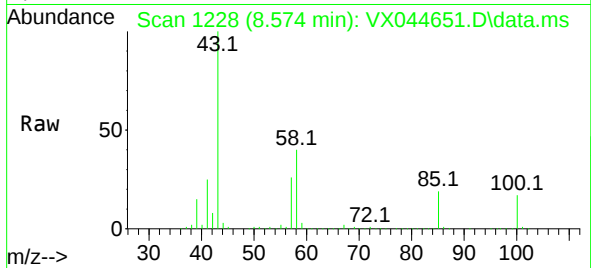
Tgt Ion: 98 Resp: 390660
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8





#51
4-Methyl-2-Pentanone
Concen: 234.662 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

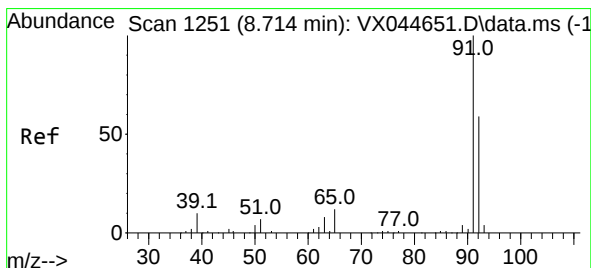
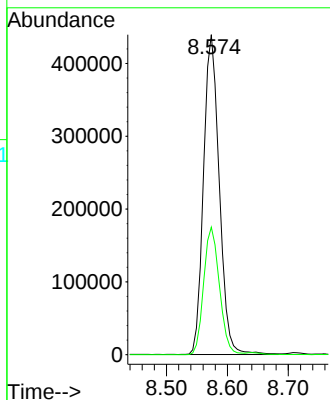
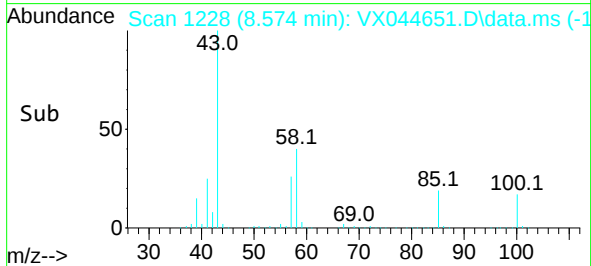
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



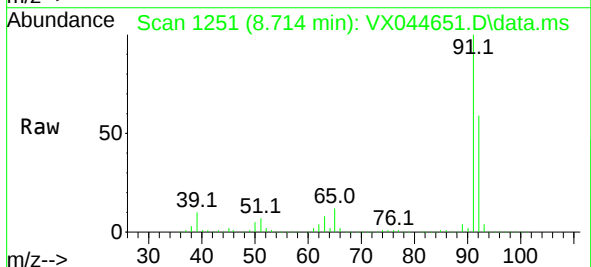
Tgt Ion: 43 Resp: 790152
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

Manual Integrations
APPROVED

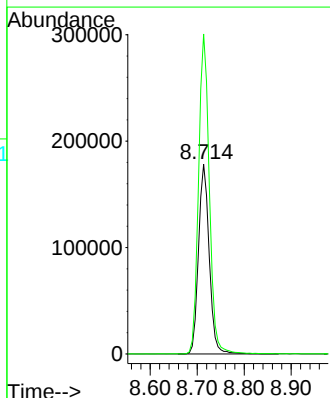
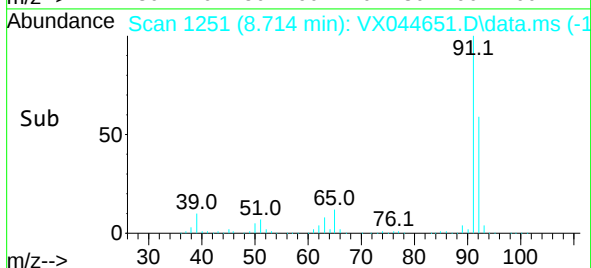
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

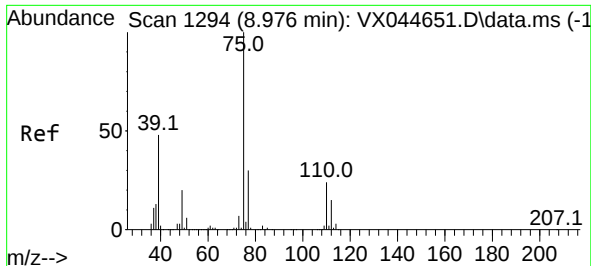


#52
Toluene
Concen: 48.001 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



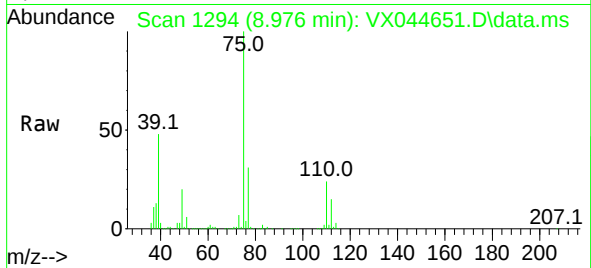
Tgt Ion: 92 Resp: 283156
Ion Ratio Lower Upper
92 100
91 169.6 135.7 203.5





#53
 t-1,3-Dichloropropene
 Concen: 49.036 ug/l
 RT: 8.976 min Scan# 1294
 Delta R.T. 0.000 min
 Lab File: VX044651.D
 Acq: 15 Jan 2025 12:02

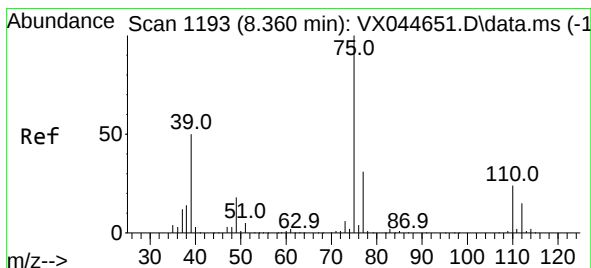
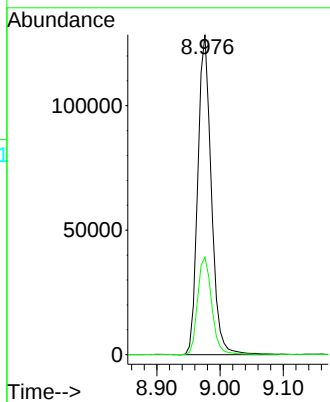
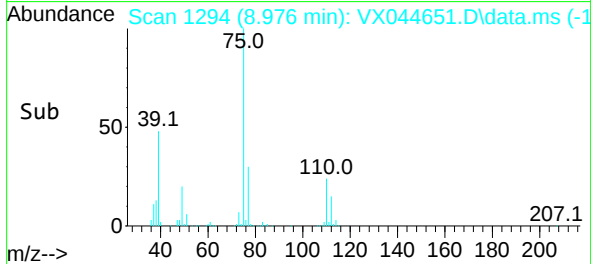
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050



Tgt Ion: 75 Resp: 191870
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.4 36.6

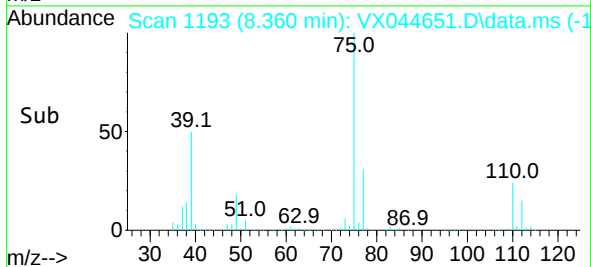
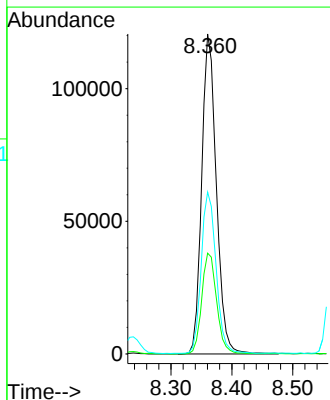
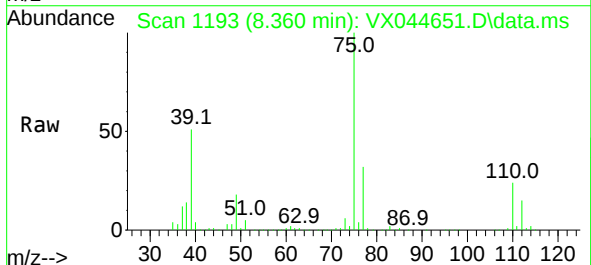
Manual Integrations
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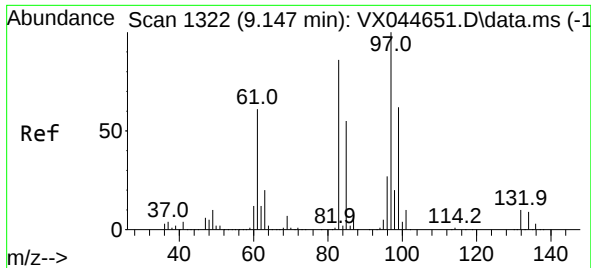
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#54
 cis-1,3-Dichloropropene
 Concen: 47.563 ug/l
 RT: 8.360 min Scan# 1193
 Delta R.T. 0.000 min
 Lab File: VX044651.D
 Acq: 15 Jan 2025 12:02

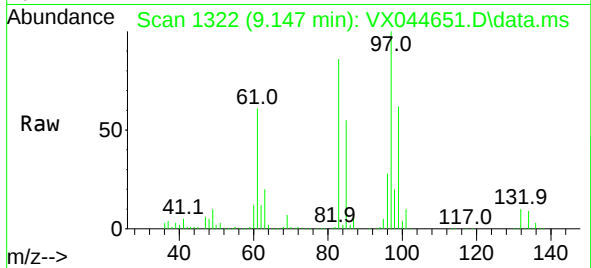
Tgt Ion: 75 Resp: 201804
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7
 39 50.4 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 47.043 ug/l
RT: 9.147 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

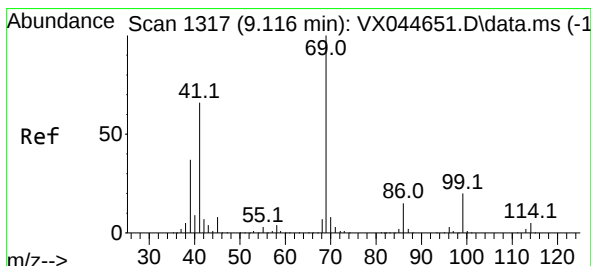
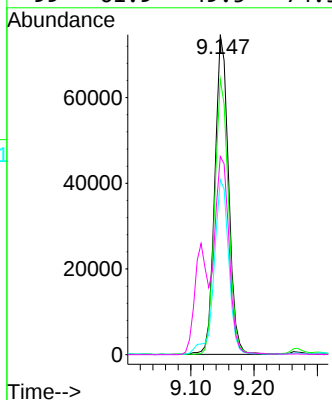
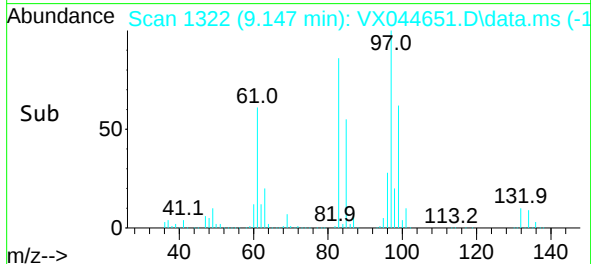
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



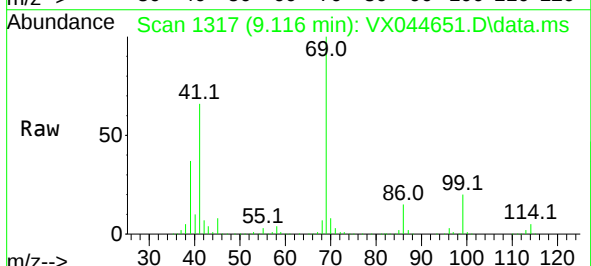
Tgt Ion: 97 Resp: 112274
Ion Ratio Lower Upper
97 100
83 86.0 68.8 103.2
85 54.6 43.7 65.5
99 61.9 49.5 74.3

Manual Integrations
APPROVED

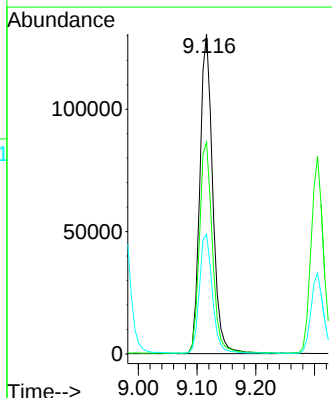
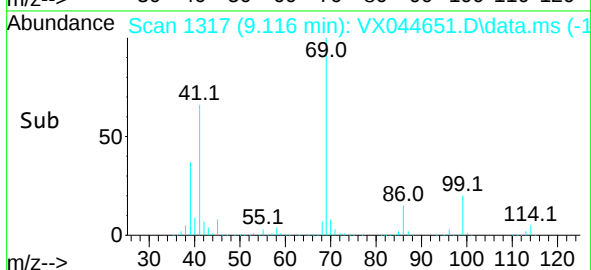
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

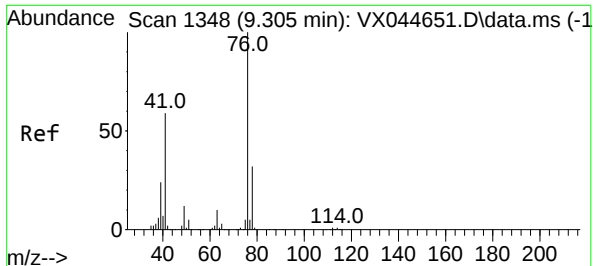


#56
Ethyl methacrylate
Concen: 48.353 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



Tgt Ion: 69 Resp: 198422
Ion Ratio Lower Upper
69 100
41 66.5 53.2 79.8
39 37.7 30.2 45.2





#57

1,3-Dichloropropane

Concen: 48.025 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 76 Resp: 19518

Ion Ratio Lower Upper

76 100

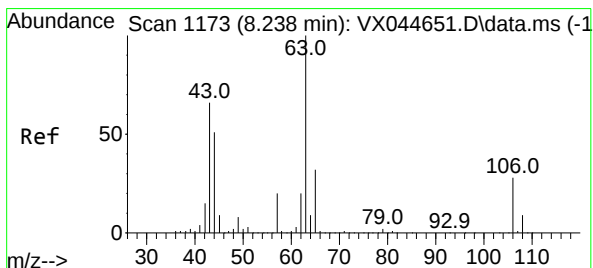
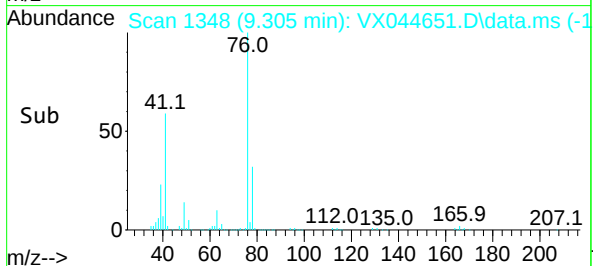
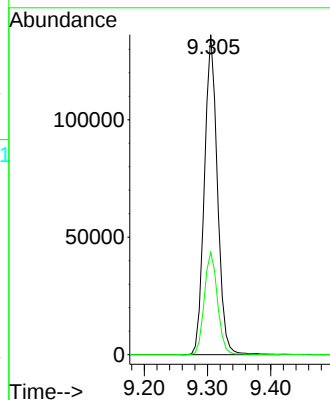
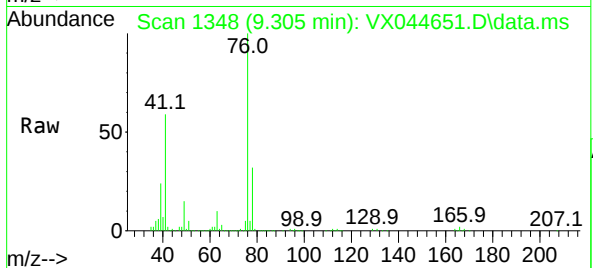
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 238.018 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044651.D

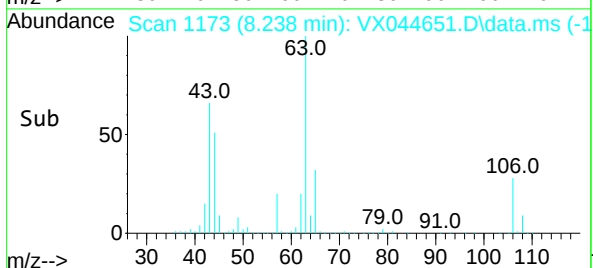
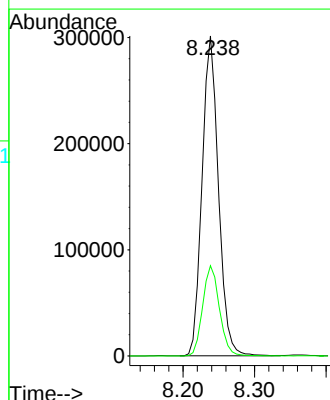
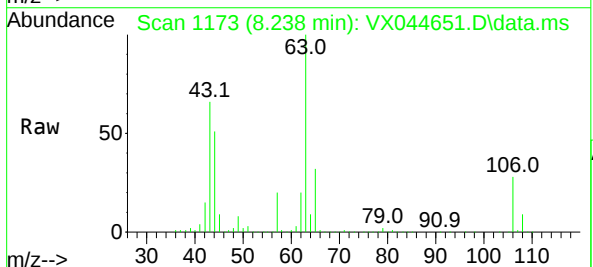
Acq: 15 Jan 2025 12:02

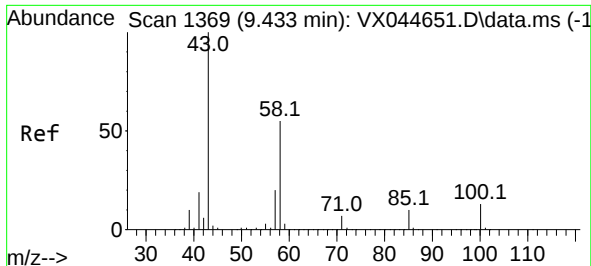
Tgt Ion: 63 Resp: 479521

Ion Ratio Lower Upper

63 100

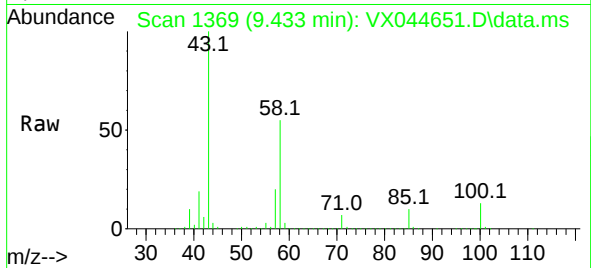
106 28.8 23.0 34.6





#59
2-Hexanone
Concen: 234.142 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

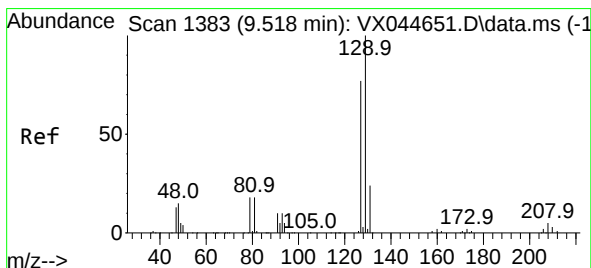
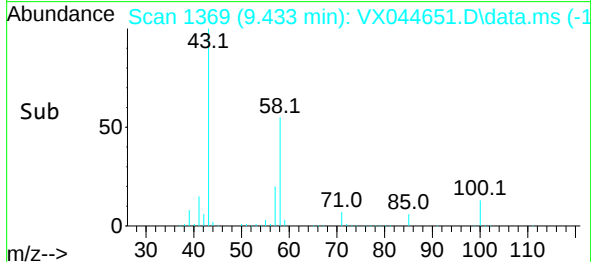
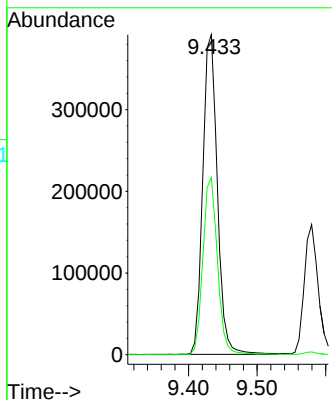
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 43 Resp: 580029
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.3

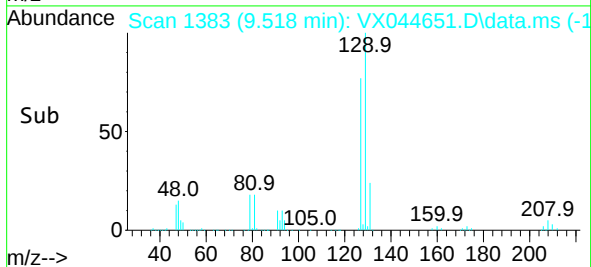
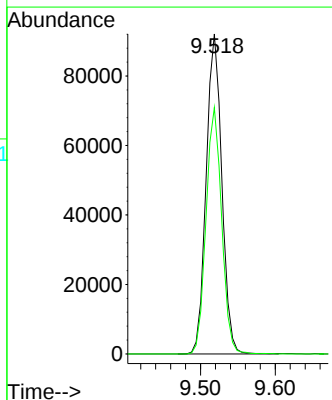
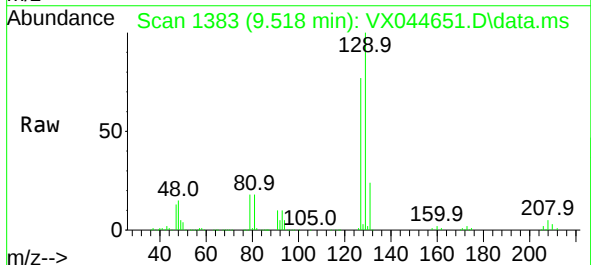
Manual Integrations
APPROVED

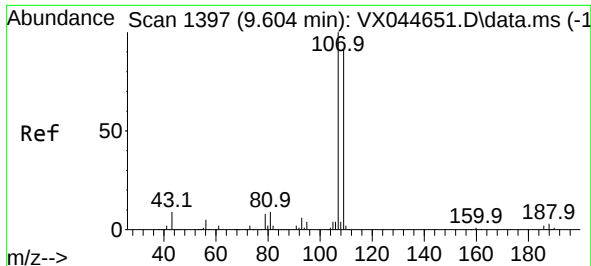
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#60
Dibromochloromethane
Concen: 47.816 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

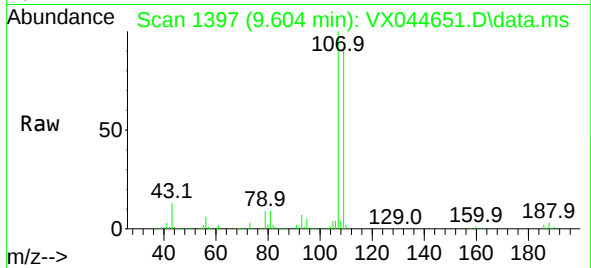
Tgt Ion:129 Resp: 133941
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 47.331 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

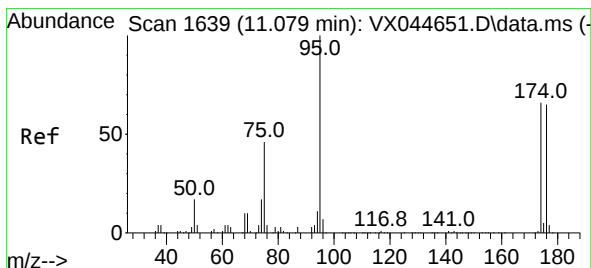
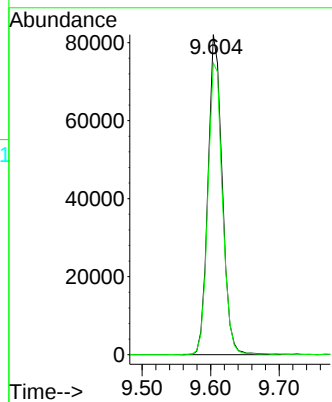
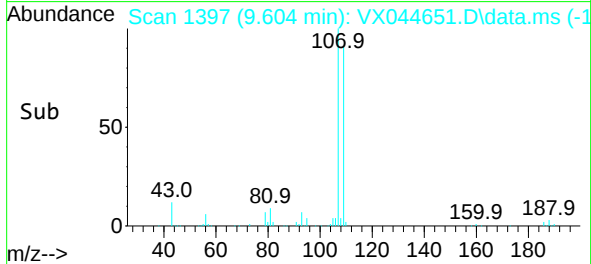
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:107 Resp: 11838
Ion Ratio Lower Upper
107 100
109 94.1 75.3 112.9

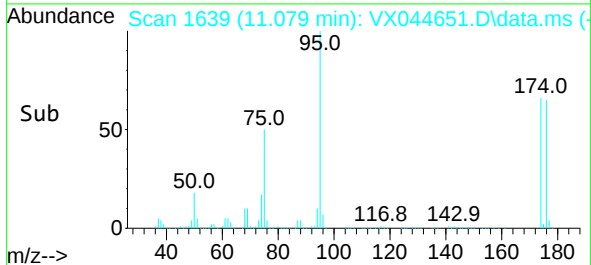
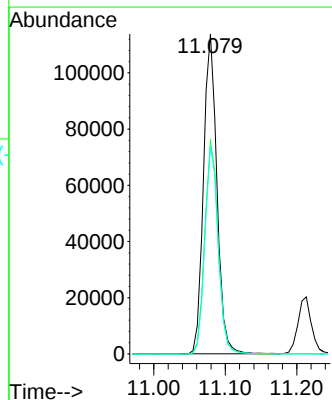
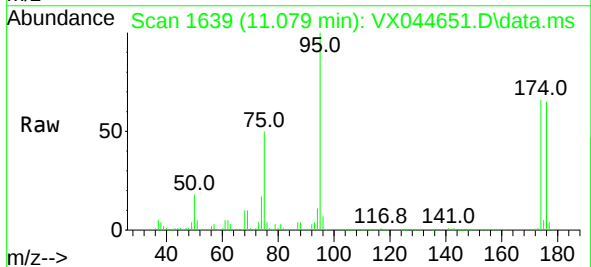
Manual Integrations
APPROVED

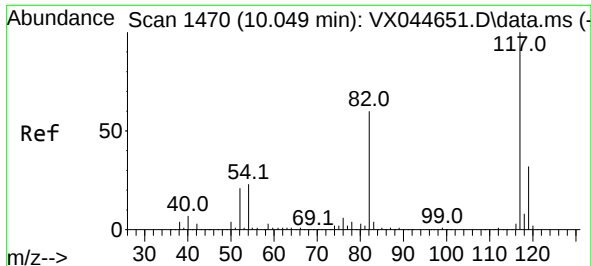
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#62
4-Bromofluorobenzene
Concen: 51.037 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

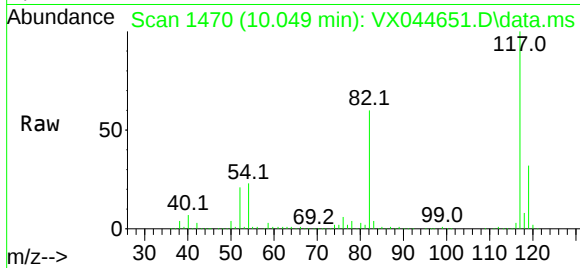
Tgt Ion: 95 Resp: 148223
Ion Ratio Lower Upper
95 100
174 66.5 0.0 133.0
176 64.7 0.0 129.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

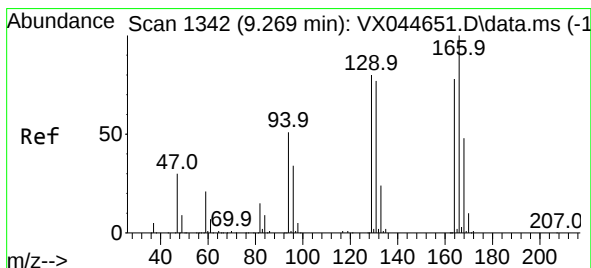
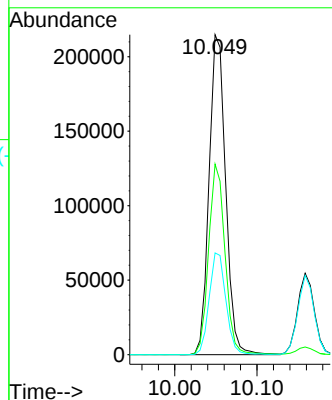
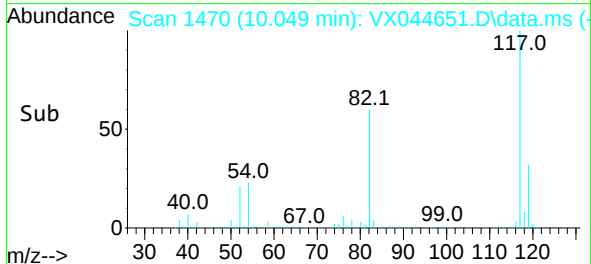
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:117 Resp: 30114
Ion Ratio Lower Upper
117 100
82 59.5 47.6 71.4
119 31.8 25.4 38.2

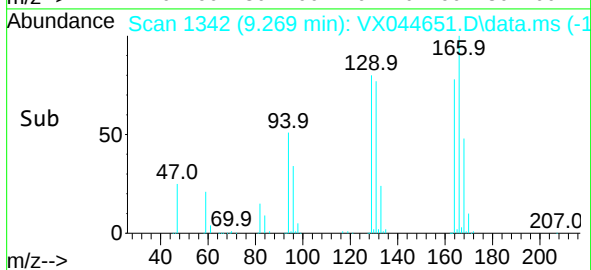
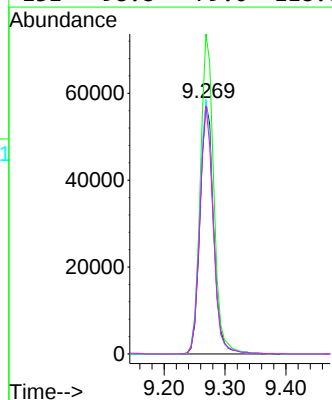
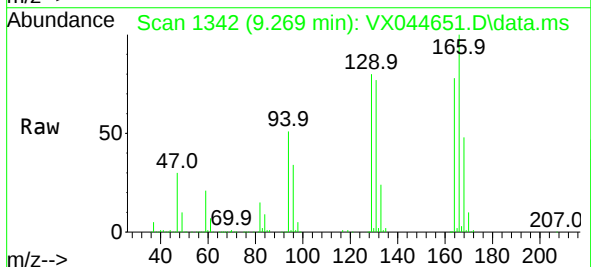
Manual Integrations
APPROVED

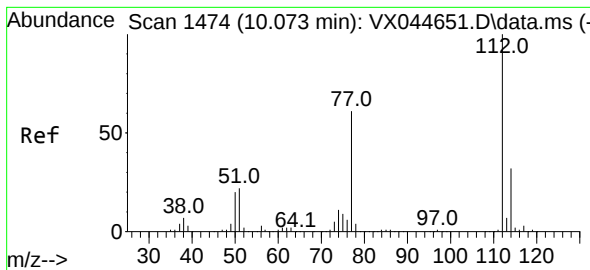
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#64
Tetrachloroethene
Concen: 47.145 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

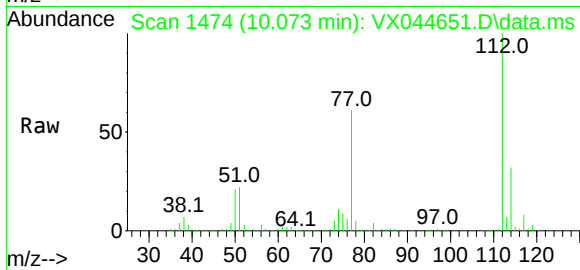
Tgt Ion:164 Resp: 89149
Ion Ratio Lower Upper
164 100
166 127.5 102.0 153.0
129 101.4 81.1 121.7
131 98.8 79.0 118.6





#65
Chlorobenzene
Concen: 47.474 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

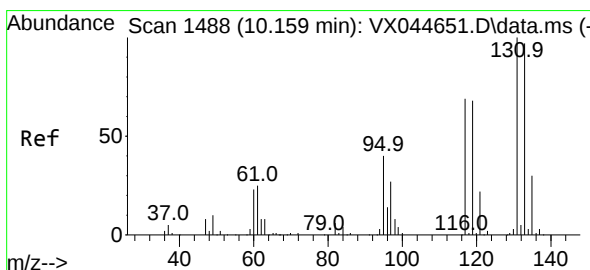
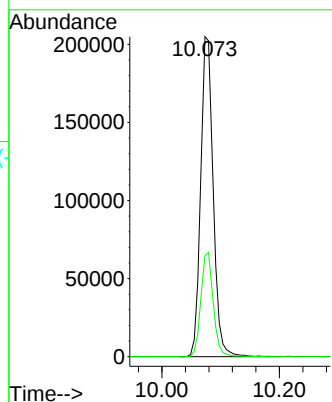
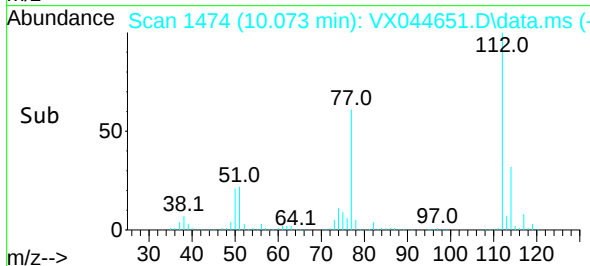
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



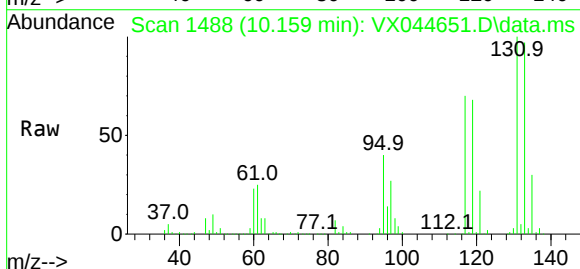
Tgt Ion:112 Resp: 303658
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9

Manual Integrations
APPROVED

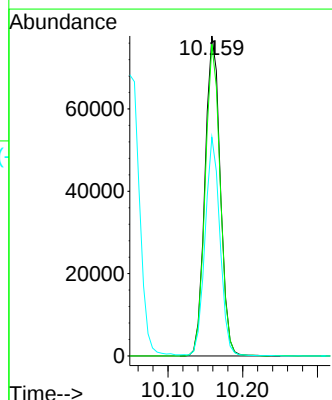
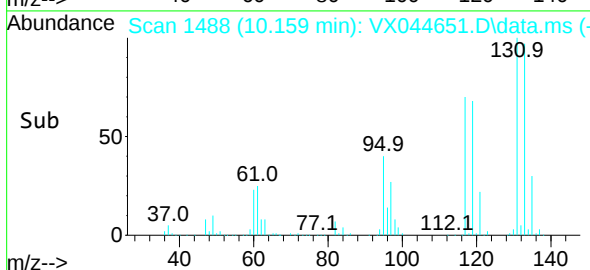
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

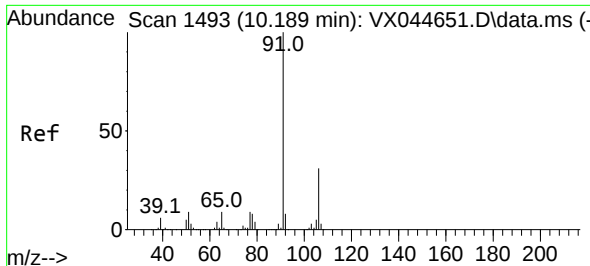


#66
1,1,1,2-Tetrachloroethane
Concen: 47.490 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



Tgt Ion:131 Resp: 110395
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.3
119 66.8 33.4 100.2





#67

Ethyl Benzene

Concen: 48.000 ug/l

RT: 10.189 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 535714

Ion Ratio Lower Upper

91 100

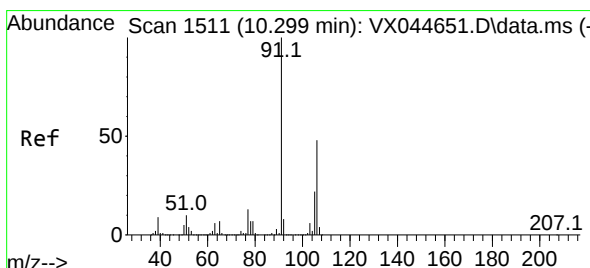
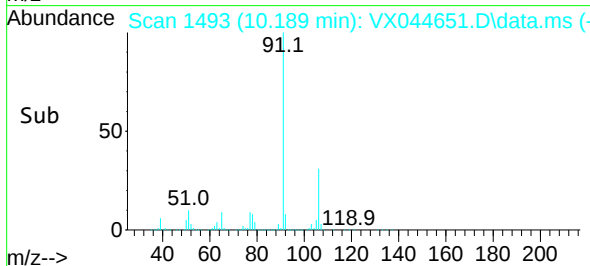
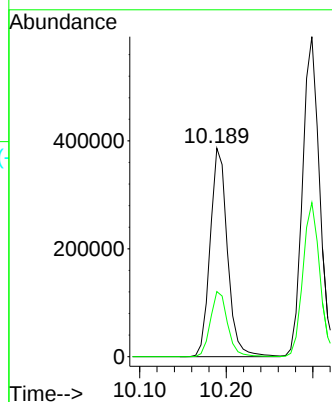
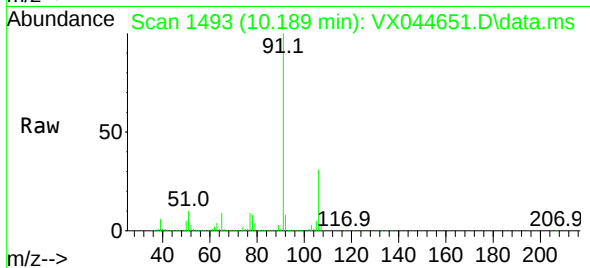
106 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#68

m/p-Xylenes

Concen: 95.393 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX044651.D

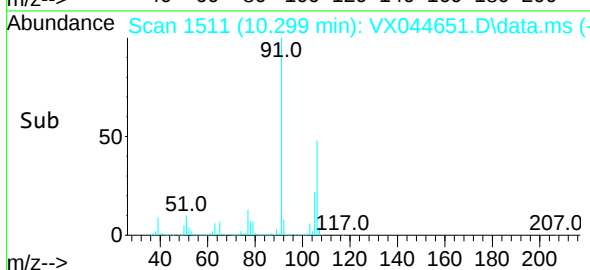
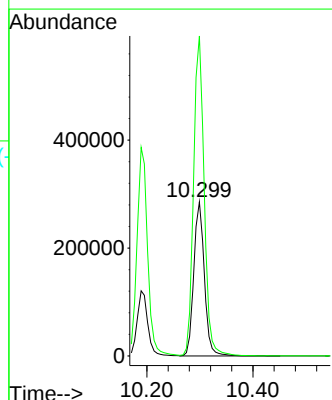
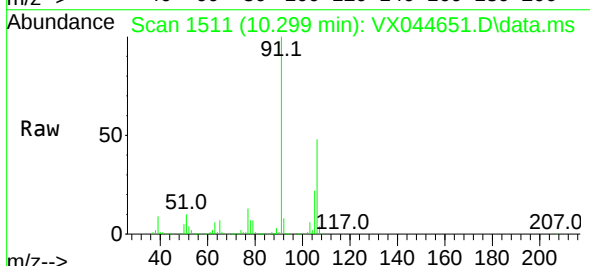
Acq: 15 Jan 2025 12:02

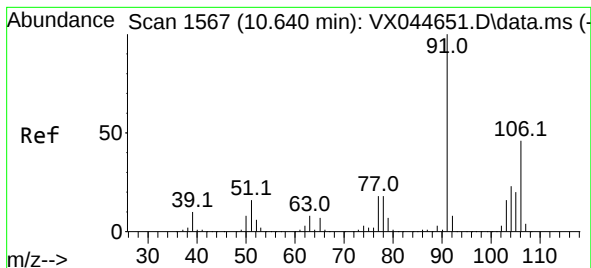
Tgt Ion:106 Resp: 395084

Ion Ratio Lower Upper

106 100

91 208.0 166.4 249.6





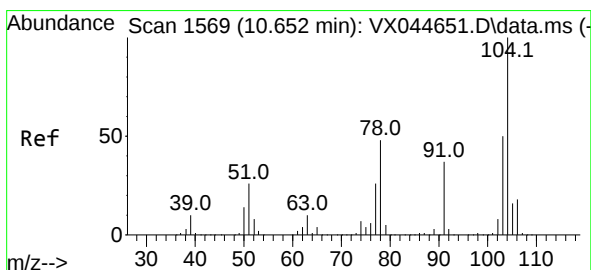
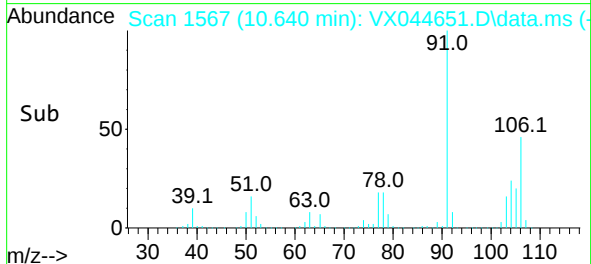
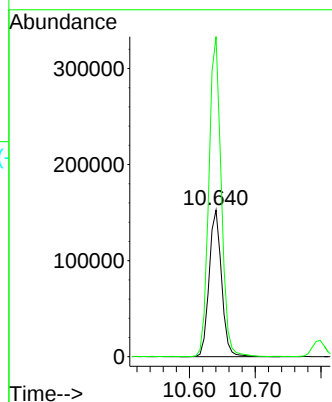
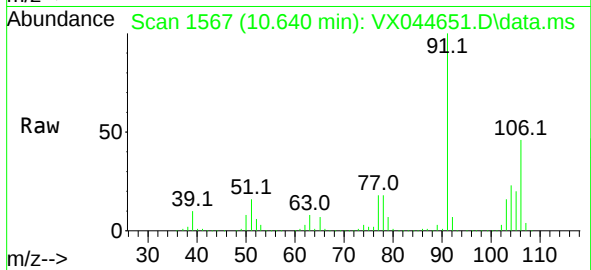
#69
o-Xylene
Concen: 47.845 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:106 Resp: 200390
Ion Ratio Lower Upper
106 100
91 217.5 108.7 326.3

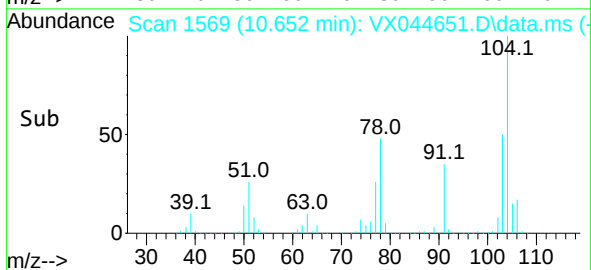
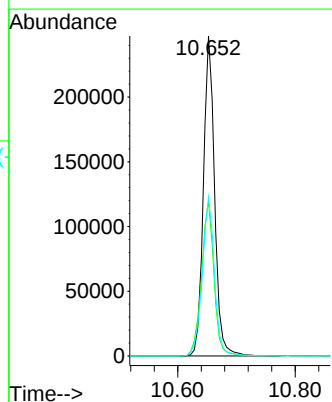
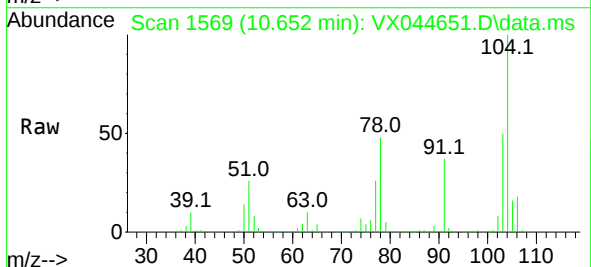
Manual Integrations
APPROVED

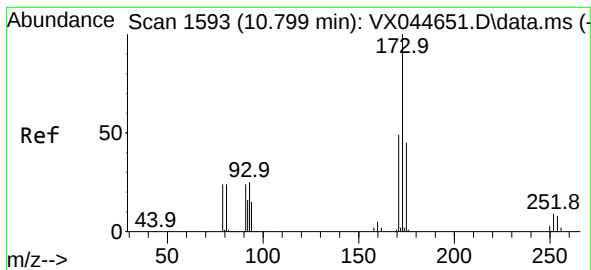
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#70
Styrene
Concen: 48.481 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Tgt Ion:104 Resp: 327844
Ion Ratio Lower Upper
104 100
78 53.8 43.0 64.6
103 54.3 43.4 65.2





#71

Bromoform

Concen: 48.011 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:173 Resp: 9083

Ion Ratio Lower Upper

173 100

175 47.2 23.6 70.8

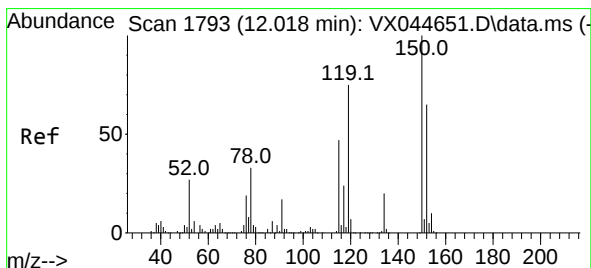
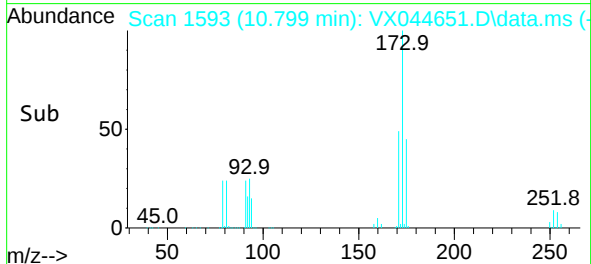
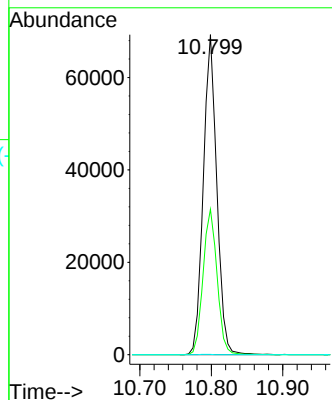
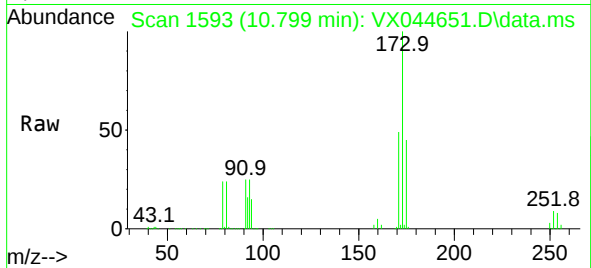
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

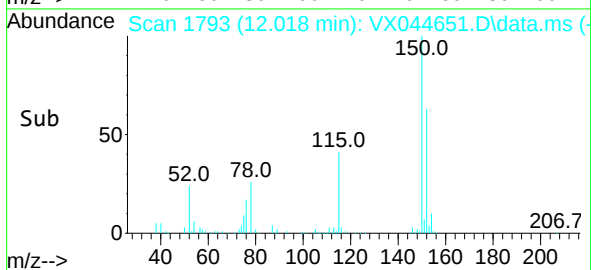
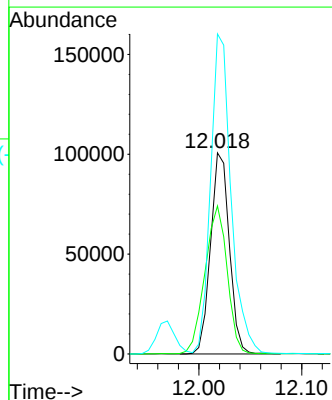
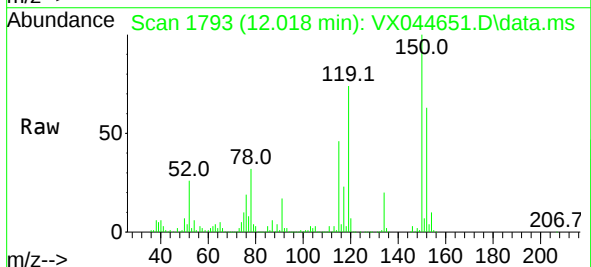
Tgt Ion:152 Resp: 127832

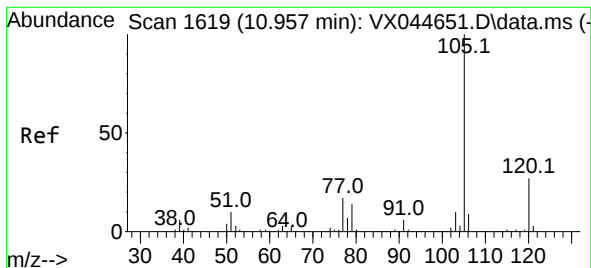
Ion Ratio Lower Upper

152 100

115 87.6 43.8 131.4

150 173.9 0.0 347.8





#73

Isopropylbenzene

Concen: 47.943 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:105 Resp: 500669

Ion Ratio Lower Upper

105 100

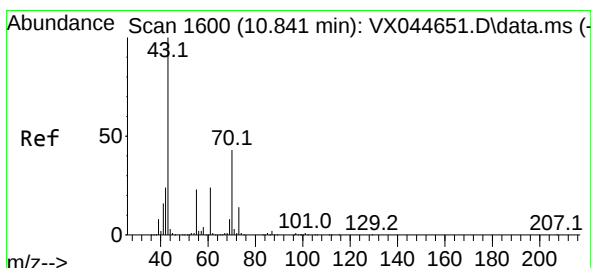
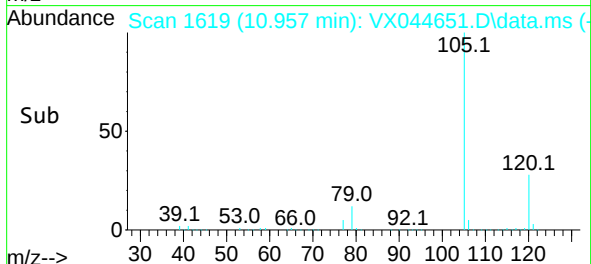
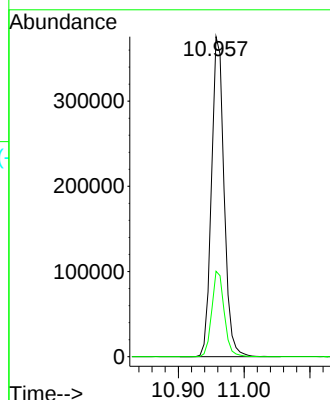
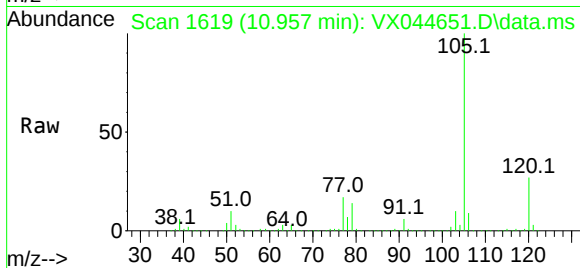
120 26.4 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#74

N-ethyl acetate

Concen: 47.188 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Tgt Ion: 43 Resp: 242893

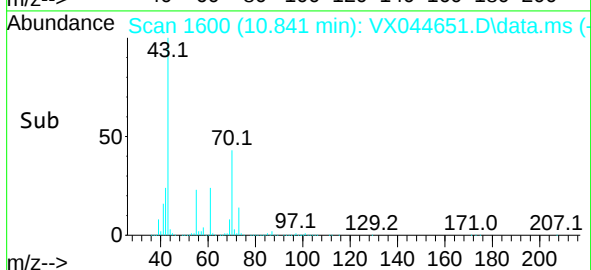
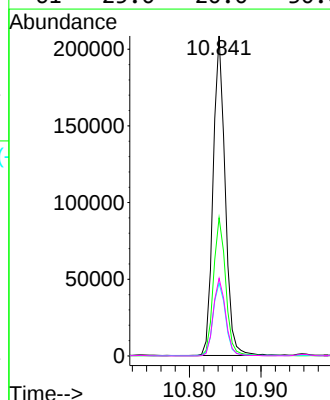
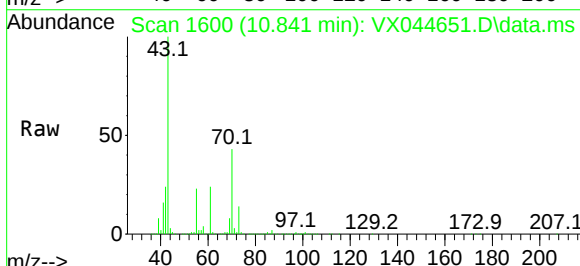
Ion Ratio Lower Upper

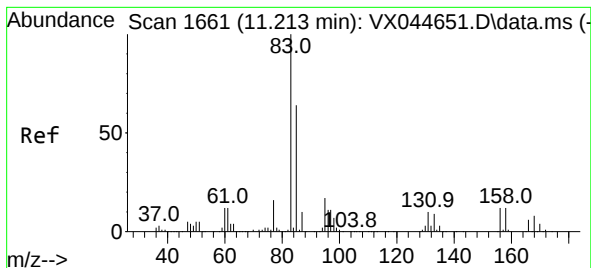
43 100

70 44.0 35.2 52.8

55 23.7 19.0 28.4

61 25.0 20.0 30.0





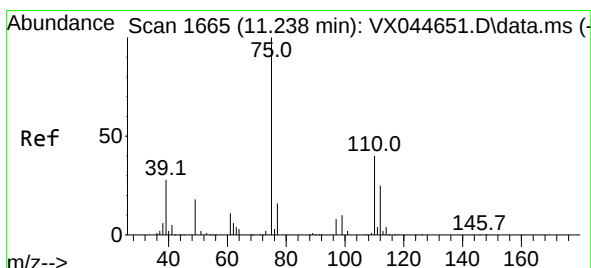
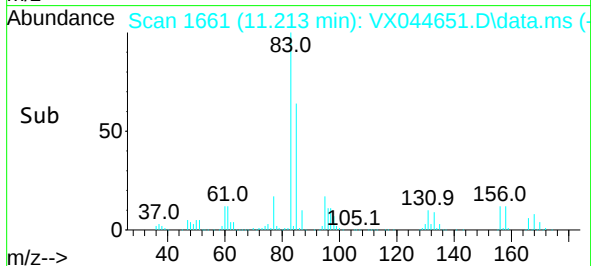
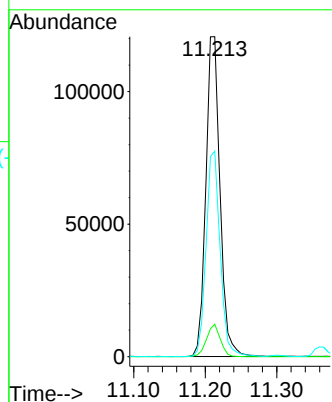
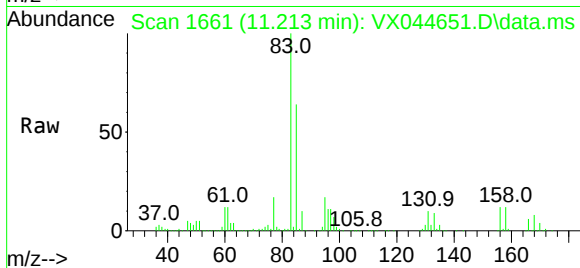
#75
1,1,2,2-Tetrachloroethane
Concen: 46.155 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 166468
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.1 32.0 96.2

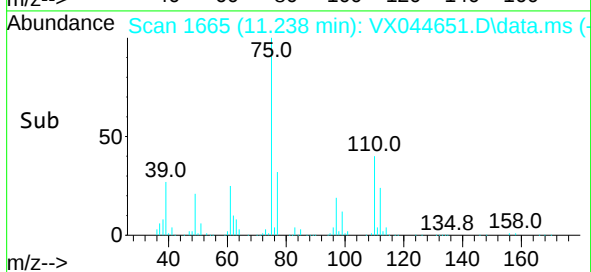
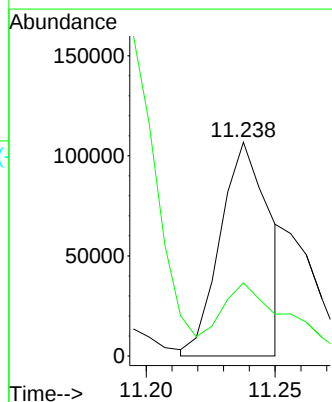
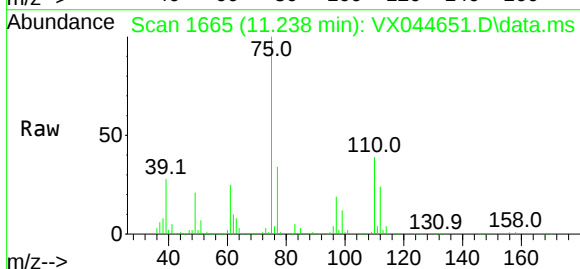
Manual Integrations
APPROVED

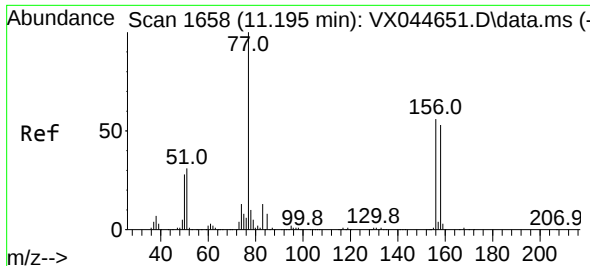
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#76
1,2,3-Trichloropropane
Concen: 46.648 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

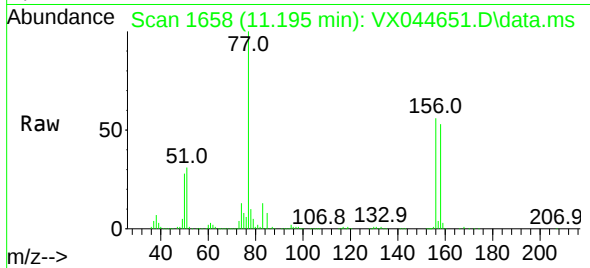
Tgt Ion: 75 Resp: 140834
Ion Ratio Lower Upper
75 100
77 46.8 23.4 70.2





#77
Bromobenzene
Concen: 47.268 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

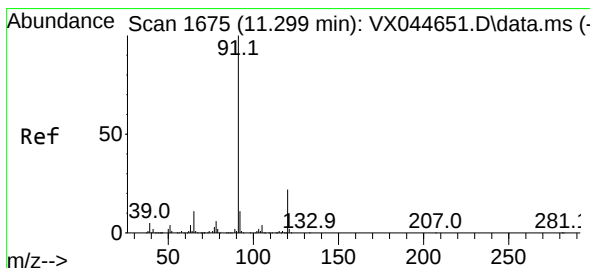
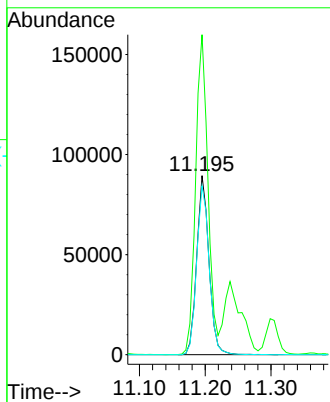
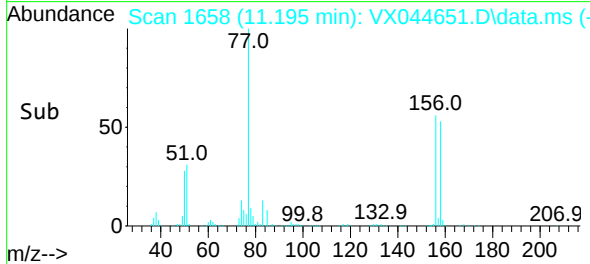
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



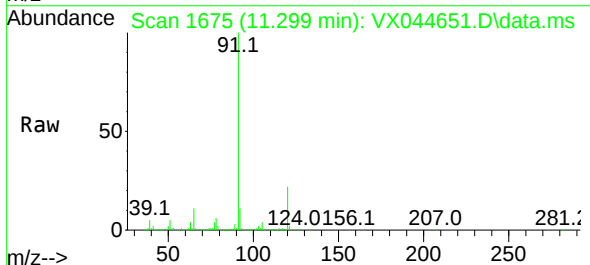
Tgt Ion:156 Resp: 11537
Ion Ratio Lower Upper
156 100
77 180.7 90.3 271.0
158 96.9 48.4 145.3

Manual Integrations
APPROVED

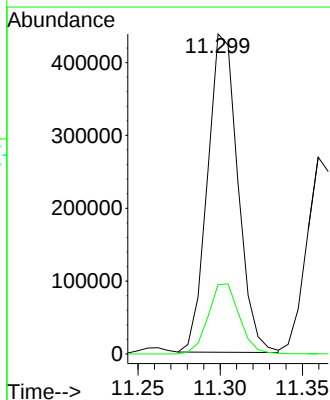
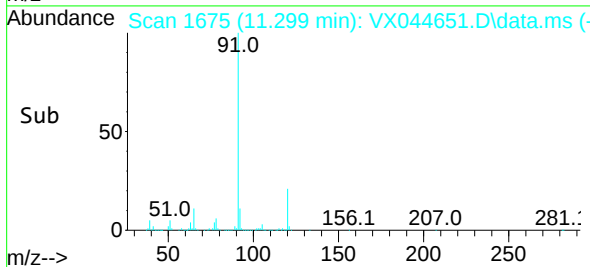
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

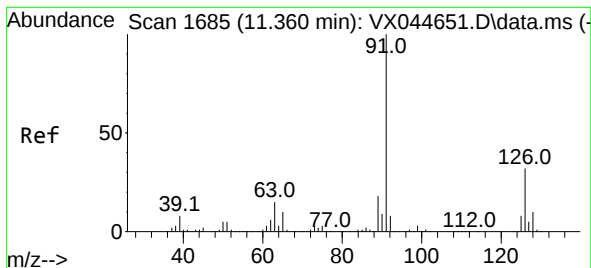


#78
n-propylbenzene
Concen: 48.746 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



Tgt Ion: 91 Resp: 561396
Ion Ratio Lower Upper
91 100
120 22.7 11.4 34.1





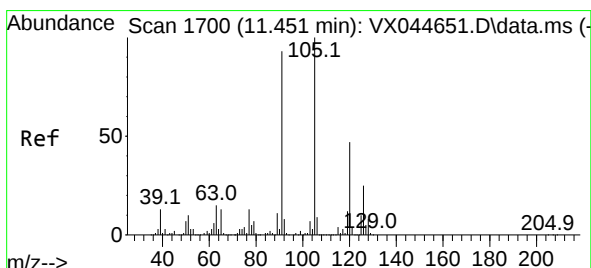
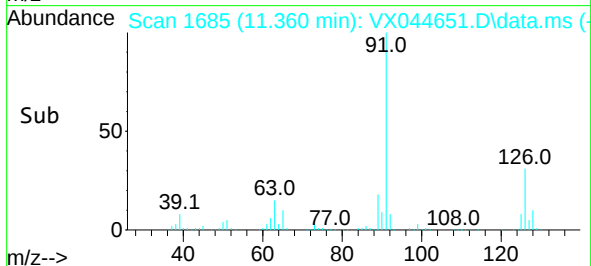
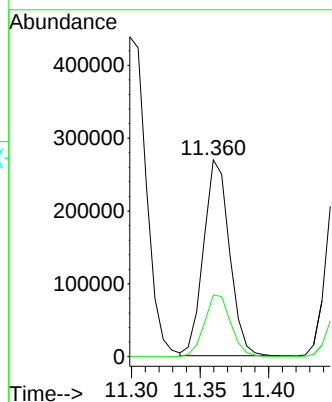
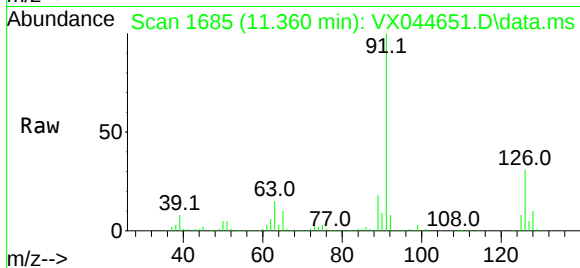
#79
2-Chlorotoluene
Concen: 47.474 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 353178
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.5

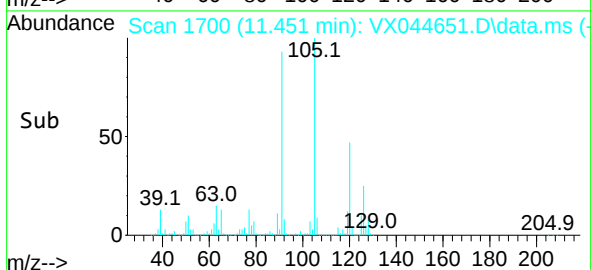
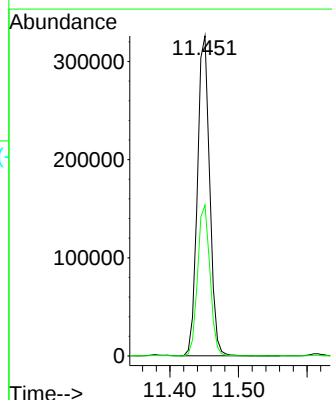
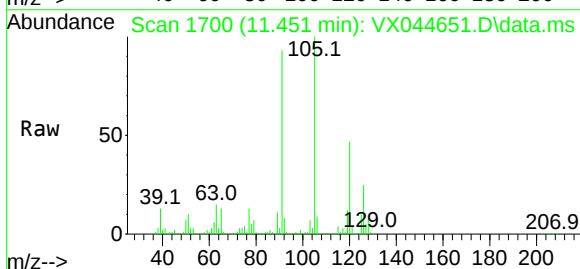
Manual Integrations
APPROVED

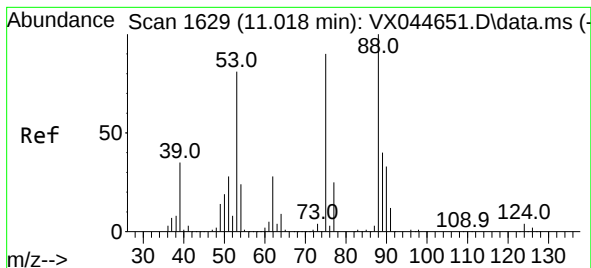
Reviewed By :John Carbone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 47.918 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

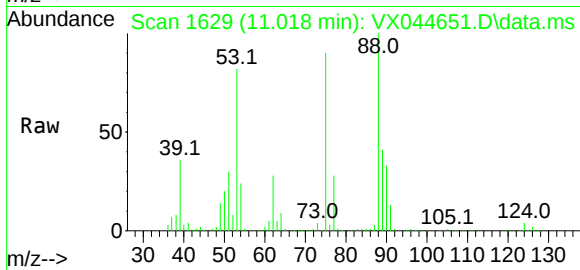
Tgt Ion:105 Resp: 407362
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 48.266 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

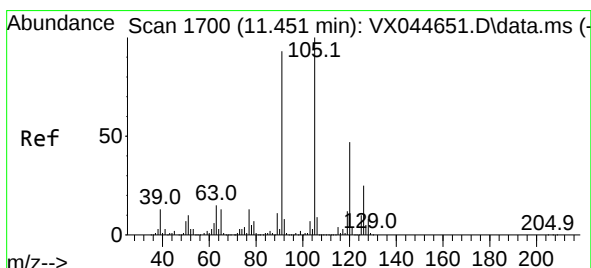
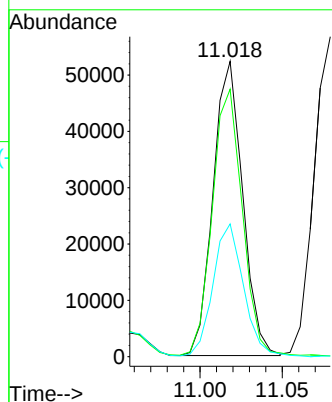
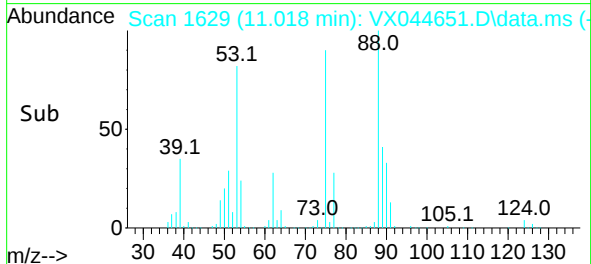
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion: 75 Resp: 65470
Ion Ratio Lower Upper
75 100
53 92.9 74.3 111.5
89 46.7 37.4 56.0

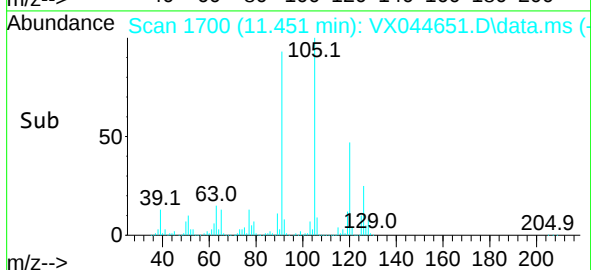
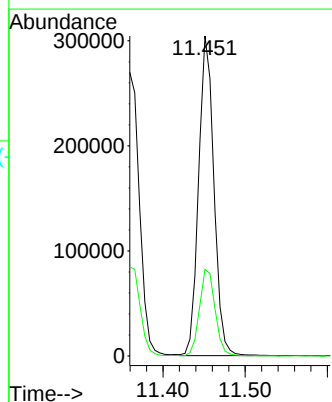
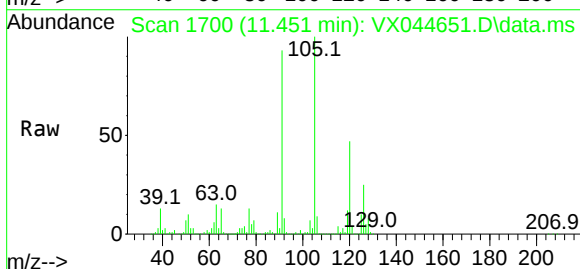
Manual Integrations
APPROVED

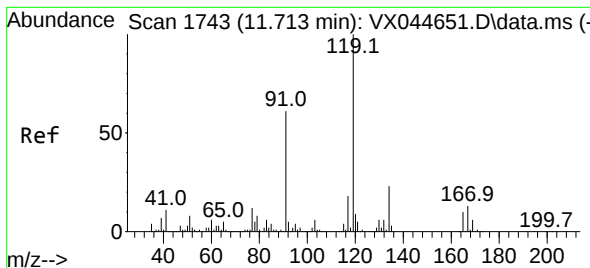
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#82
4-Chlorotoluene
Concen: 48.238 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

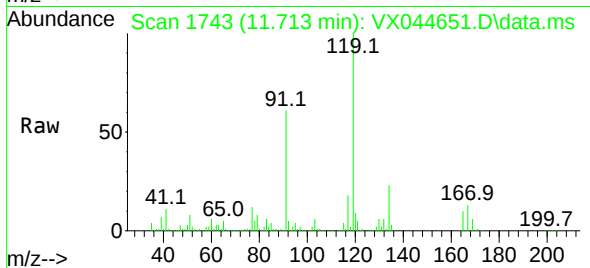
Tgt Ion: 91 Resp: 393120
Ion Ratio Lower Upper
91 100
126 27.8 13.9 41.7





#83
tert-Butylbenzene
Concen: 47.513 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

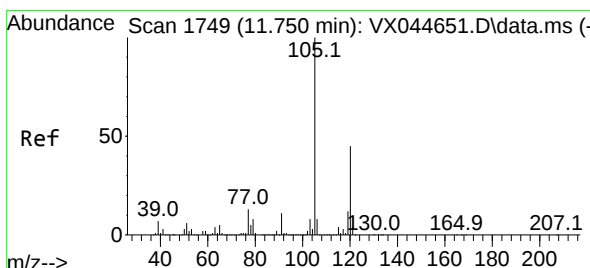
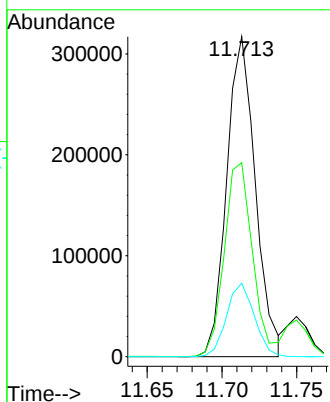
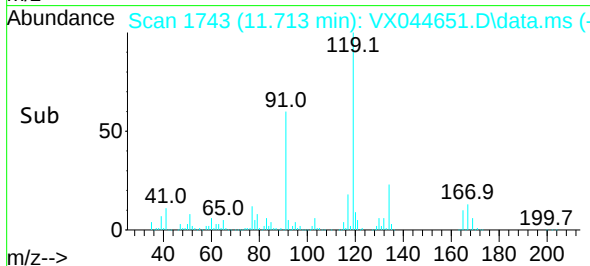
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



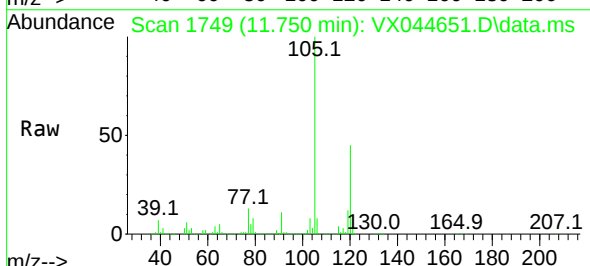
Tgt Ion:119 Resp: 422348
Ion Ratio Lower Upper
119 100
91 60.0 30.0 90.0
134 22.3 11.2 33.5

Manual Integrations
APPROVED

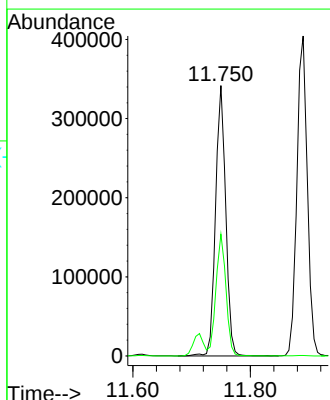
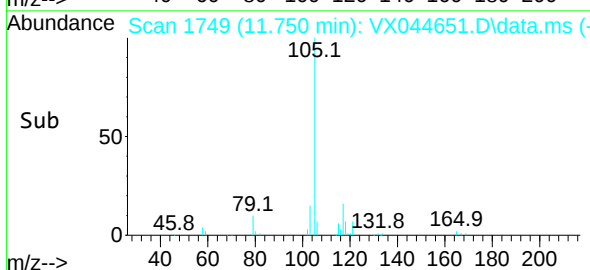
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

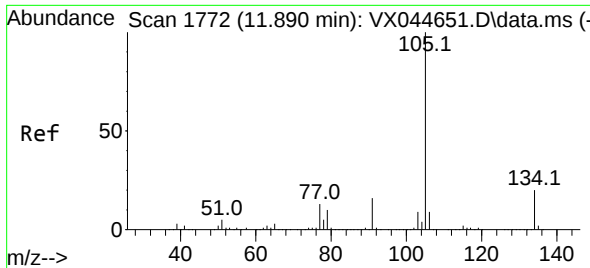


#84
1,2,4-Trimethylbenzene
Concen: 47.515 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



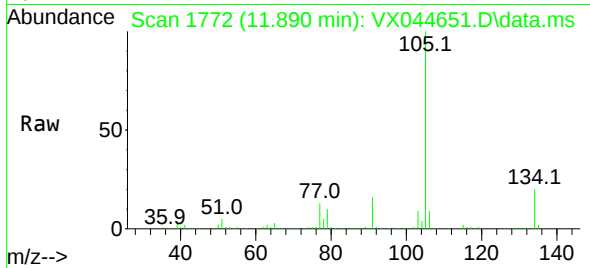
Tgt Ion:105 Resp: 410477
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85
sec-Butylbenzene
Concen: 48.113 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

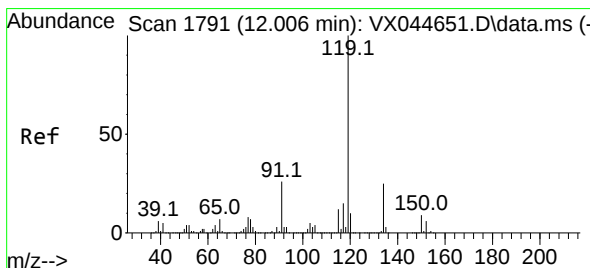
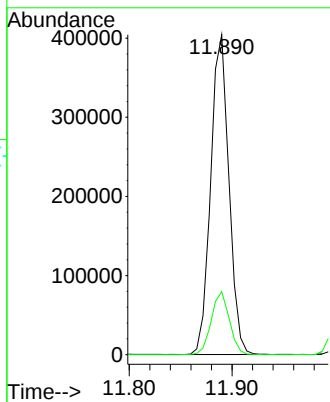
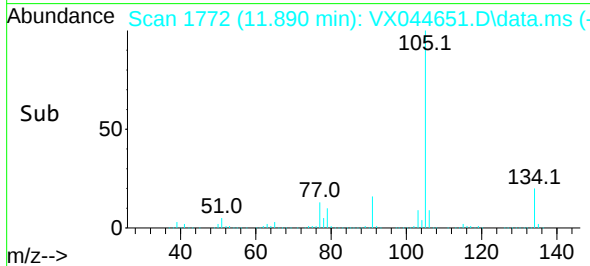
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:105 Resp: 497964
Ion Ratio Lower Upper
105 100
134 19.7 9.8 29.5

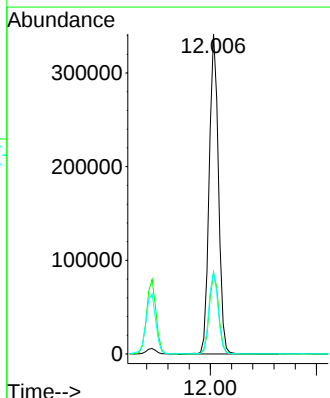
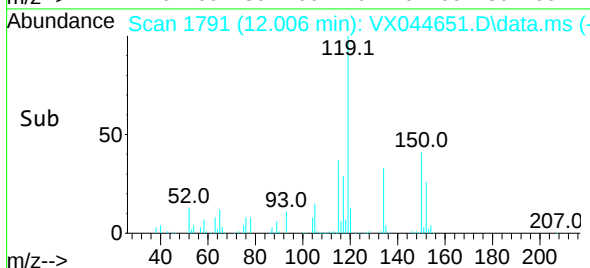
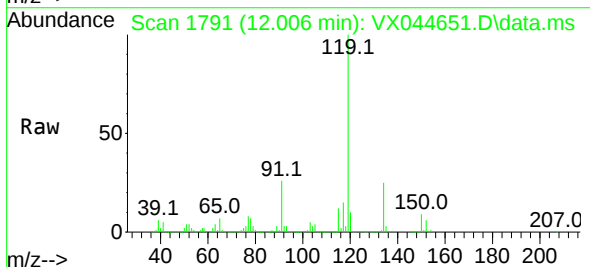
Manual Integrations
APPROVED

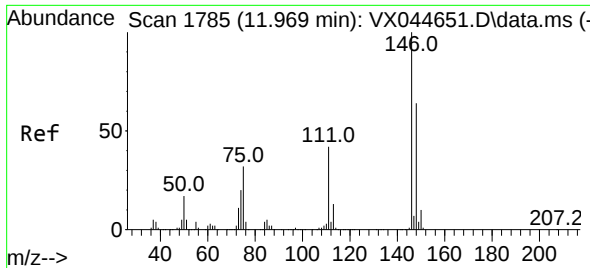
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#86
p-Isopropyltoluene
Concen: 48.421 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

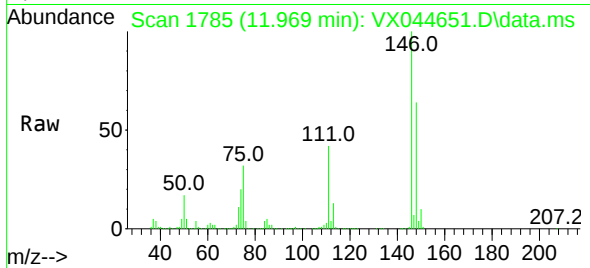
Tgt Ion:119 Resp: 411853
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.4
91 25.4 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 48.720 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

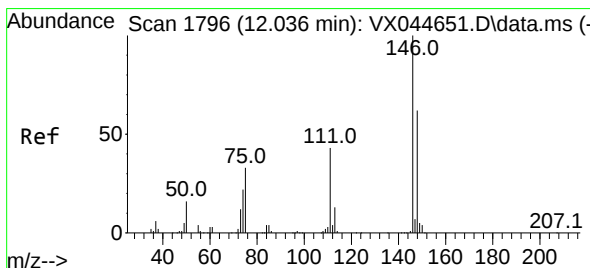
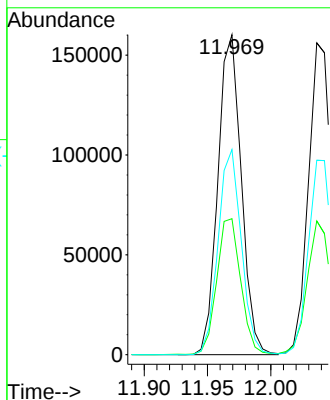
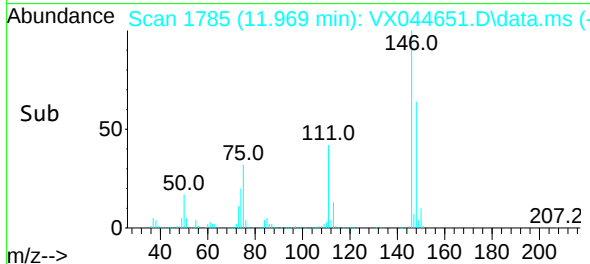
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



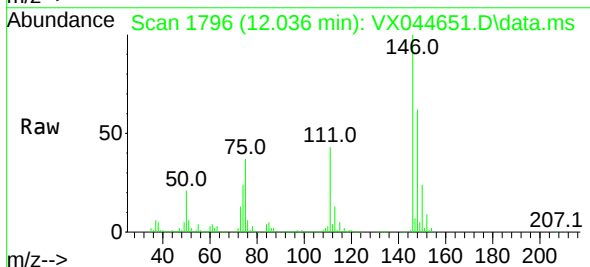
Tgt Ion:146 Resp: 20623
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.7
148 63.6 31.8 95.4

Manual Integrations
APPROVED

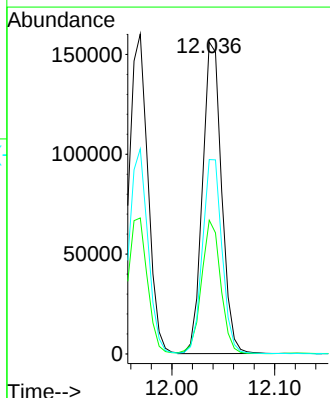
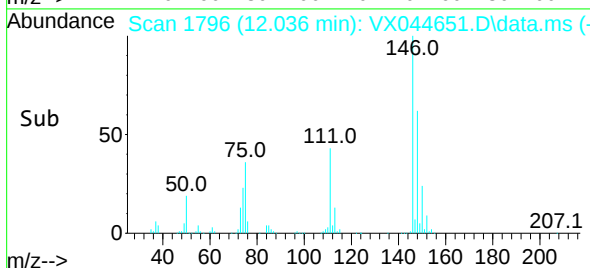
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

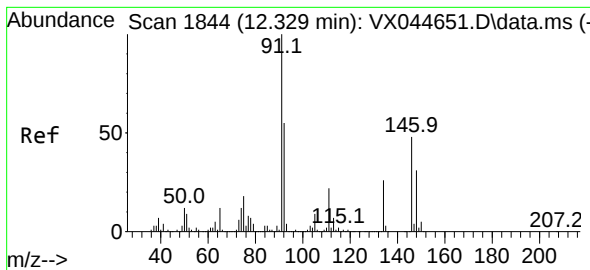


#88
1,4-Dichlorobenzene
Concen: 47.960 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



Tgt Ion:146 Resp: 201574
Ion Ratio Lower Upper
146 100
111 43.0 21.5 64.5
148 64.3 32.1 96.5





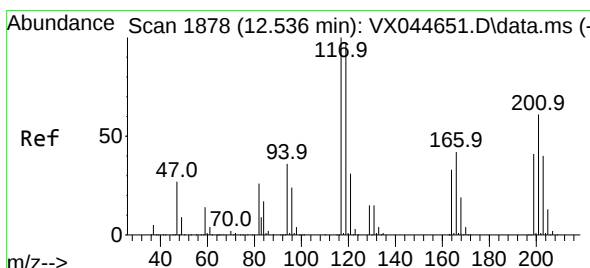
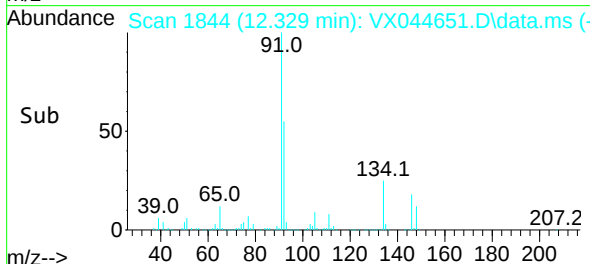
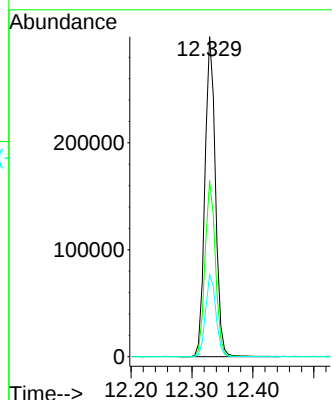
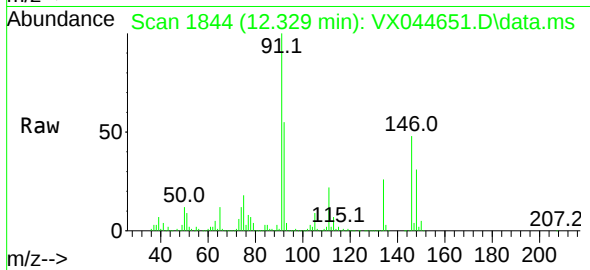
#89
n-Butylbenzene
Concen: 49.100 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 91 Resp: 358698
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.0
134 25.5 12.8 38.3

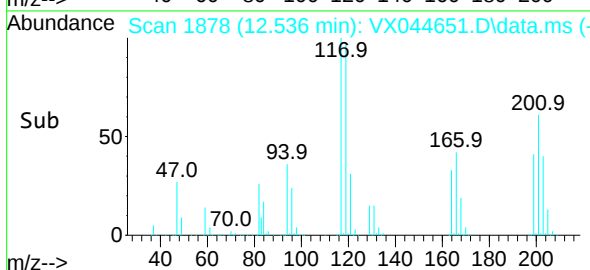
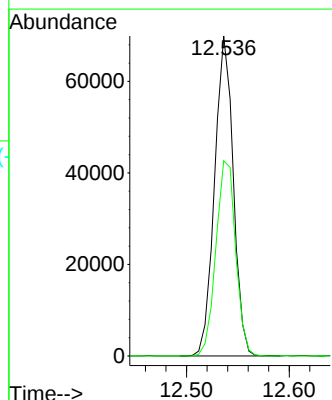
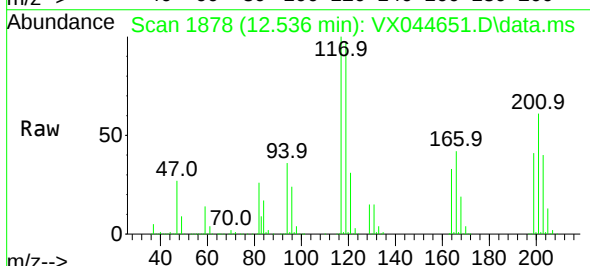
Manual Integrations
APPROVED

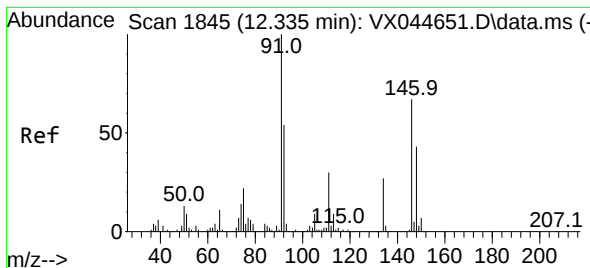
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#90
Hexachloroethane
Concen: 45.808 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

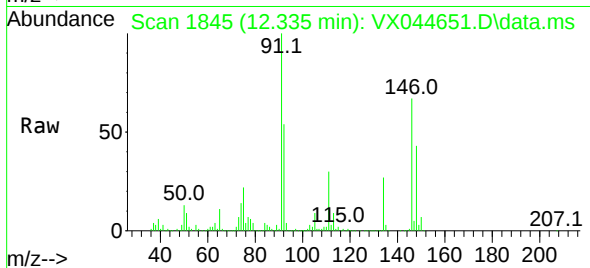
Tgt Ion:117 Resp: 88230
Ion Ratio Lower Upper
117 100
201 64.5 32.3 96.8





#91
1,2-Dichlorobenzene
Concen: 47.824 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

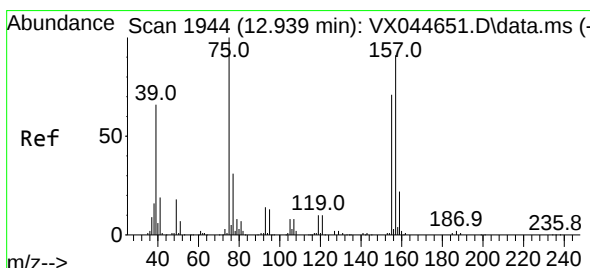
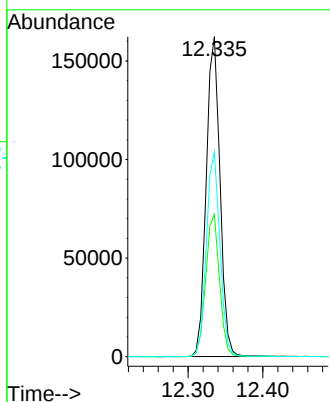
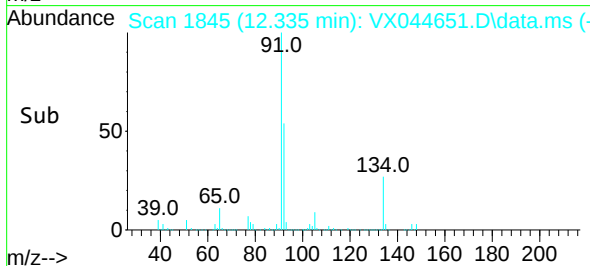
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



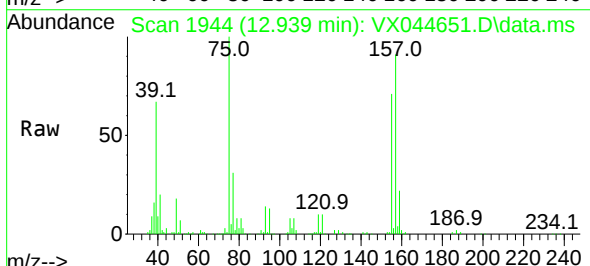
Tgt Ion:146 Resp: 20790
Ion Ratio Lower Upper
146 100
111 44.8 22.4 67.2
148 63.2 31.6 94.8

Manual Integrations
APPROVED

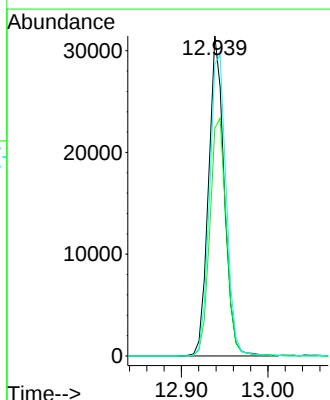
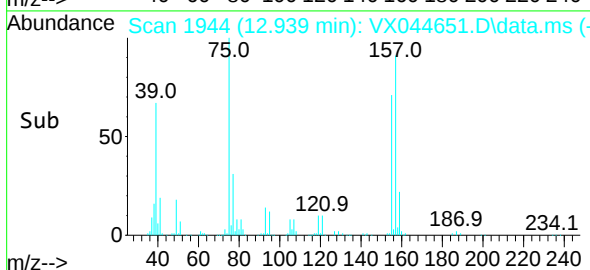
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

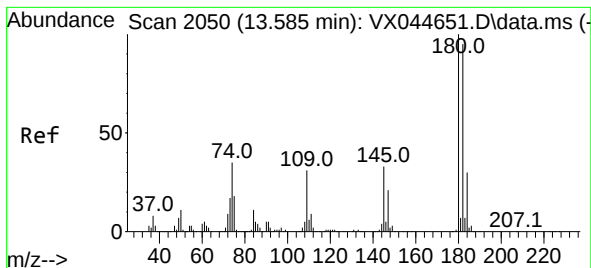


#92
1,2-Dibromo-3-Chloropropane
Concen: 44.962 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02



Tgt Ion: 75 Resp: 39659
Ion Ratio Lower Upper
75 100
155 77.9 39.0 116.9
157 99.8 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 50.708 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tgt Ion:180 Resp: 131779

Ion Ratio Lower Upper

180 100

182 94.8 47.4 142.2

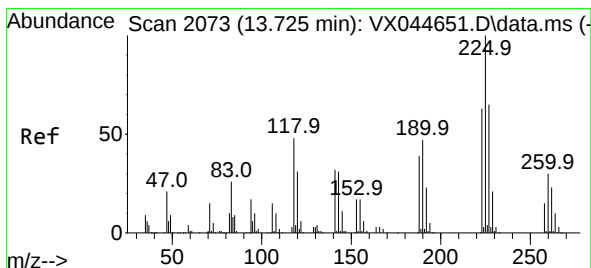
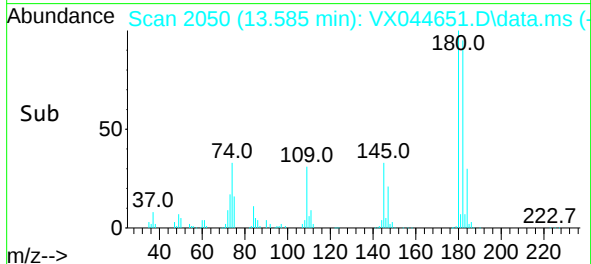
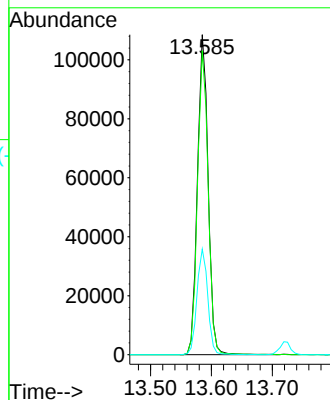
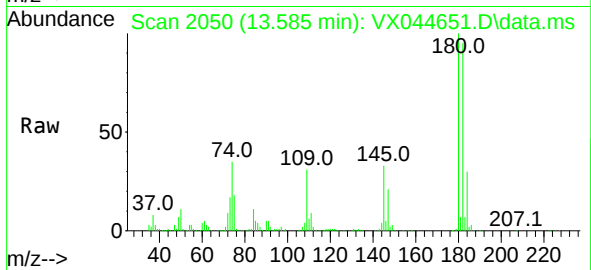
145 33.4 16.7 50.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#94

Hexachlorobutadiene

Concen: 49.230 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX044651.D

Acq: 15 Jan 2025 12:02

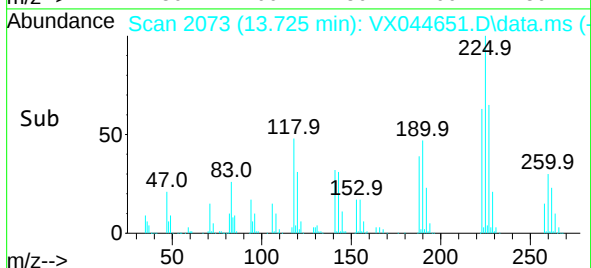
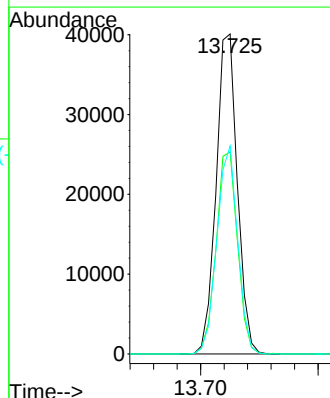
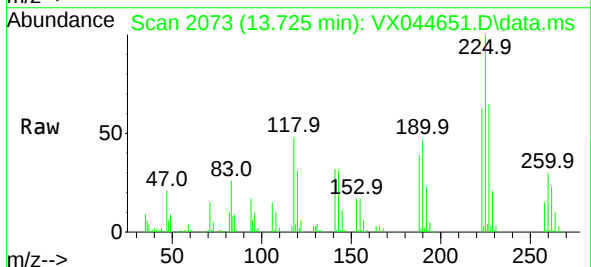
Tgt Ion:225 Resp: 50255

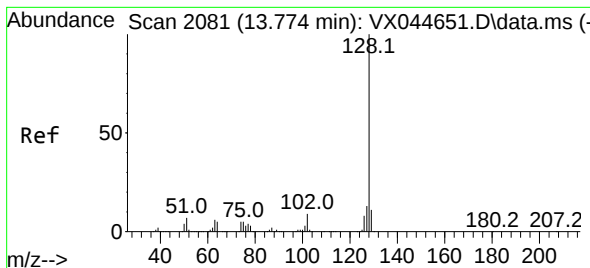
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

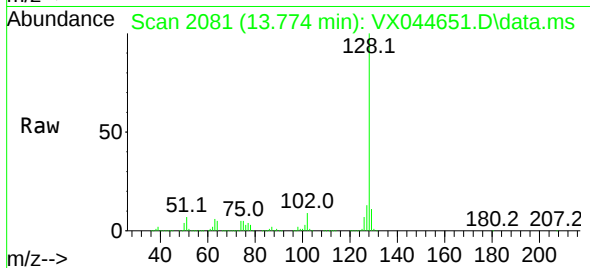
227 63.6 31.8 95.4





#95
Naphthalene
Concen: 48.639 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

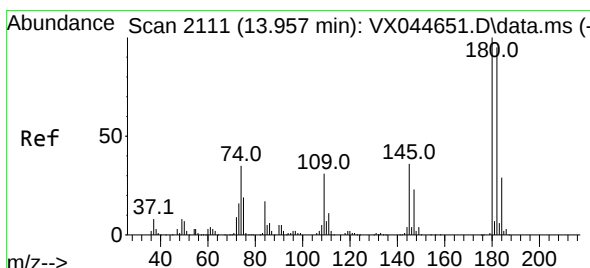
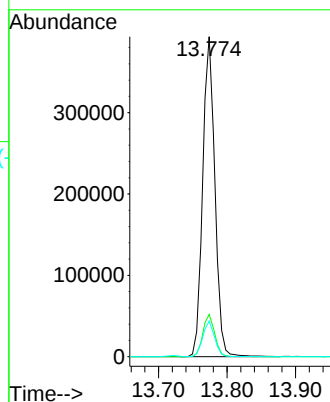
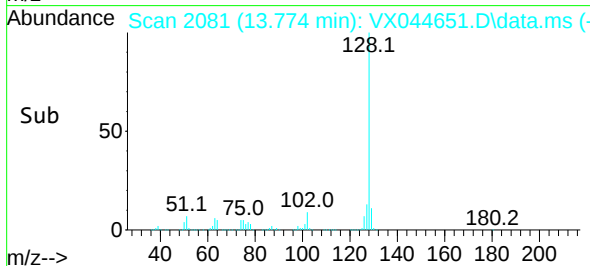
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050



Tgt Ion:128 Resp: 487529
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carbone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#96
1,2,3-Trichlorobenzene
Concen: 50.047 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044651.D
Acq: 15 Jan 2025 12:02

Tgt Ion:180 Resp: 134816
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 35.1 17.5 52.6

