

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011525\
 Data File : VX044649.D
 Acq On : 15 Jan 2025 11:17
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

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

Quant Time: Jan 16 00:59:01 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	194627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	357706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	300165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	123491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	16795	5.717	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	11.440%#		
35) Dibromofluoromethane	5.379	113	12712	5.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	11.180%#		
50) Toluene-d8	8.647	98	45425	5.733	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	11.460%#		
62) 4-Bromofluorobenzene	11.079	95	15909	5.386	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	10.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	11790	4.502	ug/l	96
3) Chloromethane	1.301	50	13859	4.893	ug/l	99
4) Vinyl Chloride	1.374	62	13246	4.734	ug/l	97
5) Bromomethane	1.593	94	3303	4.943	ug/l	98
6) Chloroethane	1.660	64	2387	4.652	ug/l #	83
7) Trichlorofluoromethane	1.868	101	14571	4.711	ug/l	95
8) Diethyl Ether	2.136	74	6231	4.992	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.319	101	10967	4.717	ug/l	99
10) Methyl Iodide	2.441	142	15920	5.016	ug/l	99
11) Tert butyl alcohol	2.989	59	20543m	31.009	ug/l	
12) 1,1-Dichloroethene	2.307	96	10636	4.667	ug/l	91
13) Acrolein	2.239	56	11045	35.838	ug/l	95
14) Allyl chloride	2.654	41	21748	4.901	ug/l	97
15) Acrylonitrile	3.069	53	32783	25.521	ug/l	98
16) Acetone	2.386	43	26927	23.167	ug/l	97
17) Carbon Disulfide	2.502	76	30278	4.869	ug/l	97
18) Methyl Acetate	2.703	43	16192	4.516	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	41254	4.998	ug/l	100
20) Methylene Chloride	2.782	84	13610	5.028	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	11813	4.965	ug/l	98
22) Diisopropyl ether	3.764	45	39716	5.149	ug/l	92
23) Vinyl Acetate	3.721	43	175668	26.022	ug/l	99
24) 1,1-Dichloroethane	3.605	63	22655	4.953	ug/l	98
25) 2-Butanone	4.568	43	43210	25.004	ug/l	96
26) 2,2-Dichloropropane	4.465	77	21972	4.957	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	14297	4.777	ug/l	97
28) Bromochloromethane	4.891	49	10785	5.046	ug/l	100
29) Tetrahydrofuran	5.007	42	27602	24.762	ug/l	98
30) Chloroform	5.086	83	23860	5.169	ug/l	93
31) Cyclohexane	5.458	56	18252	4.934	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	20169	4.753	ug/l	99
36) 1,1-Dichloropropene	5.690	75	15040	4.754	ug/l	94
37) Ethyl Acetate	4.721	43	17349	5.150	ug/l	95
38) Carbon Tetrachloride	5.666	117	17983	5.054	ug/l	92
39) Methylcyclohexane	7.373	83	19848	4.727	ug/l	95
40) Benzene	6.038	78	49235	5.023	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	9920	5.124	ug/l	98
42) 1,2-Dichloroethane	6.086	62	17678	4.941	ug/l	97
43) Isopropyl Acetate	6.342	43	30226	4.877	ug/l	99
44) Trichloroethene	7.123	130	11427	4.849	ug/l	97
45) 1,2-Dichloropropane	7.428	63	12829	5.199	ug/l	97
46) Dibromomethane	7.580	93	9684	5.156	ug/l	94
47) Bromodichloromethane	7.818	83	18964	4.923	ug/l	94
48) Methyl methacrylate	7.696	41	13933	4.844	ug/l	97
49) 1,4-Dioxane	7.677	88	5674	94.542	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	87503	25.551	ug/l	98
52) Toluene	8.714	92	30892	5.149	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	19714	4.954	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	21054	4.879	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	12227	5.037	ug/l	99
56) Ethyl methacrylate	9.116	69	20596	4.935	ug/l	96
57) 1,3-Dichloropropane	9.305	76	21253	5.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	50319	24.557	ug/l	100
59) 2-Hexanone	9.433	43	63985	25.395	ug/l	100
60) Dibromochloromethane	9.519	129	14553	5.108	ug/l	99
61) 1,2-Dibromoethane	9.610	107	12916	5.077	ug/l	97
64) Tetrachloroethene	9.269	164	9274	4.920	ug/l	93
65) Chlorobenzene	10.073	112	32572	5.109	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	11955	5.160	ug/l	98
67) Ethyl Benzene	10.189	91	55208	4.963	ug/l	98
68) m/p-Xylenes	10.299	106	41816	10.129	ug/l	99
69) o-Xylene	10.640	106	21392	5.124	ug/l	96
70) Styrene	10.653	104	34407	5.105	ug/l	98
71) Bromoform	10.799	173	9452	5.012	ug/l #	97
73) Isopropylbenzene	10.963	105	52599	5.214	ug/l	100
74) N-amyl acetate	10.842	43	25282	5.084	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	18645	5.351	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	16903m	5.796	ug/l	
77) Bromobenzene	11.201	156	12158	5.156	ug/l	96
78) n-propylbenzene	11.305	91	53913	4.846	ug/l	99
79) 2-Chlorotoluene	11.366	91	36602	5.093	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	43488	5.295	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	6607	5.042	ug/l	95
82) 4-Chlorotoluene	11.451	91	39763	5.051	ug/l	99
83) tert-Butylbenzene	11.713	119	45606	5.311	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	41737	5.001	ug/l	99
85) sec-Butylbenzene	11.890	105	49858	4.987	ug/l	99
86) p-Isopropyltoluene	12.006	119	41214	5.016	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	20268	4.956	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	20555	5.062	ug/l	93
89) n-Butylbenzene	12.329	91	33505	4.747	ug/l	98
90) Hexachloroethane	12.536	117	9325	5.012	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	21690	5.165	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4384	5.145	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	11649	4.640	ug/l	99
94) Hexachlorobutadiene	13.725	225	4738	4.804	ug/l	99
95) Naphthalene	13.774	128	46418	4.794	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	12258	4.710	ug/l	96

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

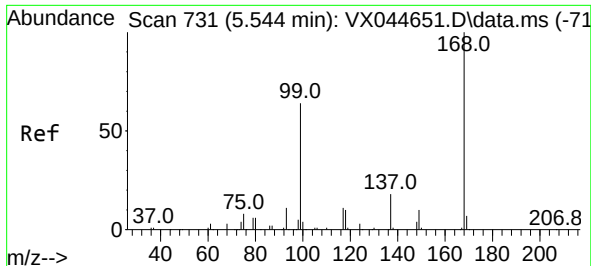
Manual Integrations
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Response via : Initial Calibration

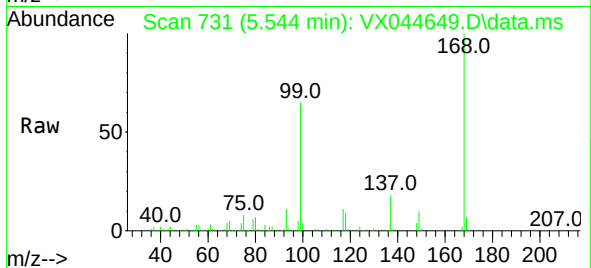
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044649.D
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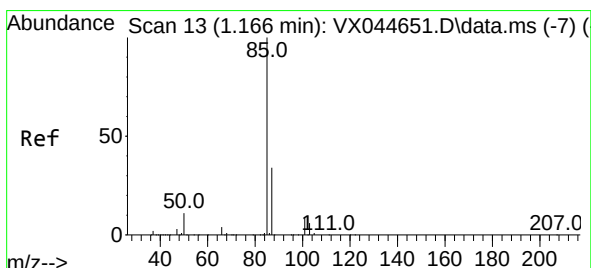
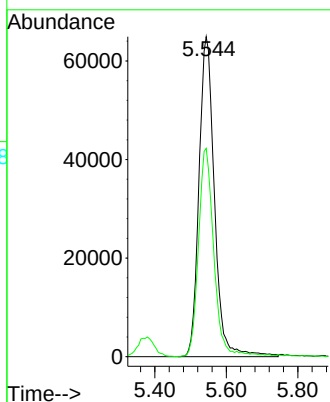
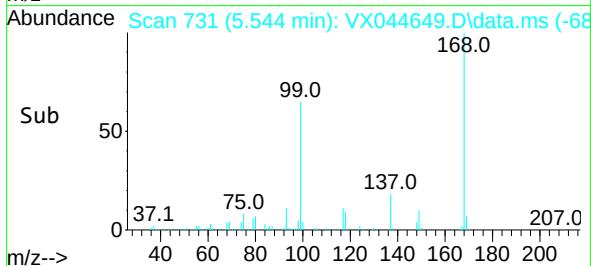
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



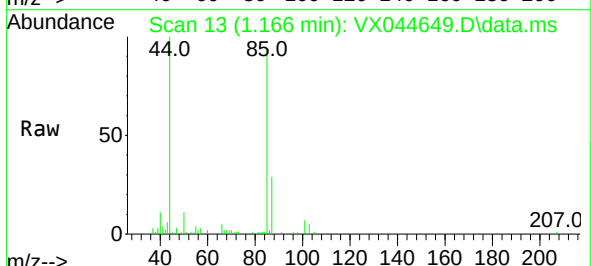
Tgt Ion:168 Resp: 19462
Ion Ratio Lower Upper
168 100
99 65.0 51.1 76.7

Manual Integrations
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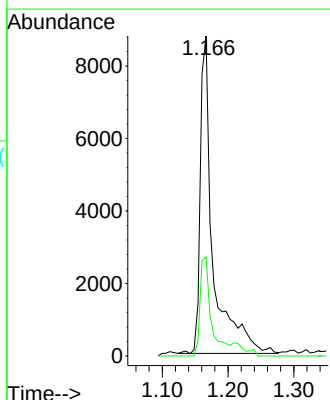
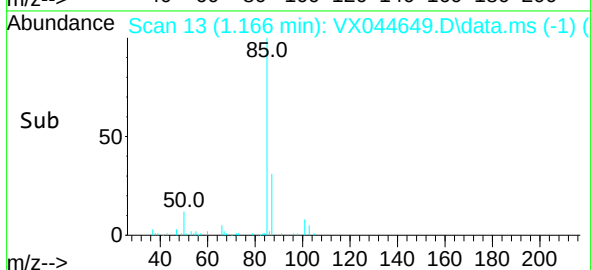
Reviewed By :John Carlone 01/15/2025
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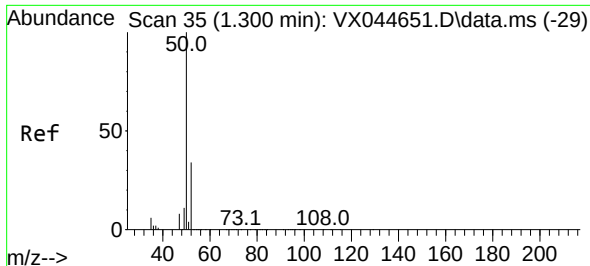


#2
Dichlorodifluoromethane
Concen: 4.502 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



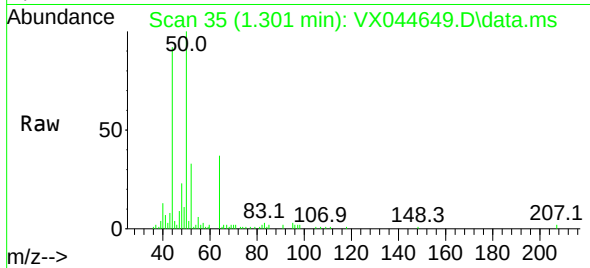
Tgt Ion: 85 Resp: 11790
Ion Ratio Lower Upper
85 100
87 31.2 16.8 50.4





#3
Chloromethane
Concen: 4.893 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

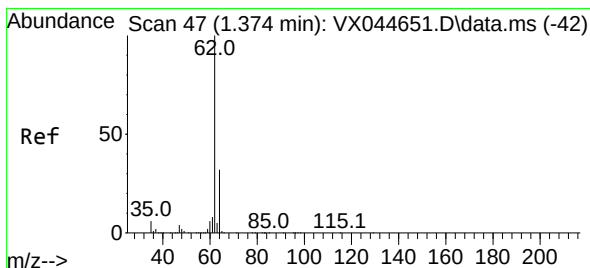
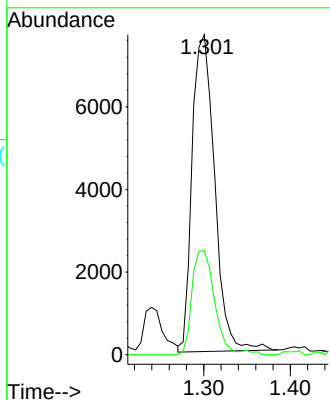
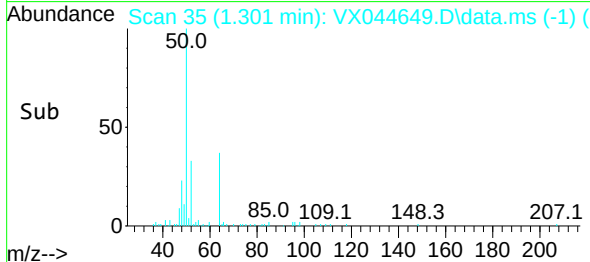
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Tgt Ion: 50 Resp: 1385
Ion Ratio Lower Upper
50 100
52 33.0 27.0 40.4

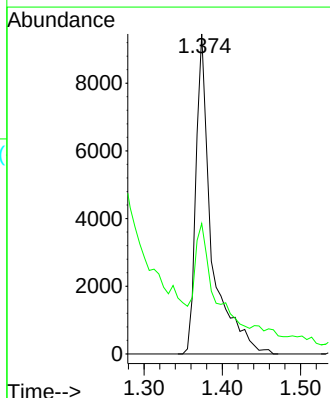
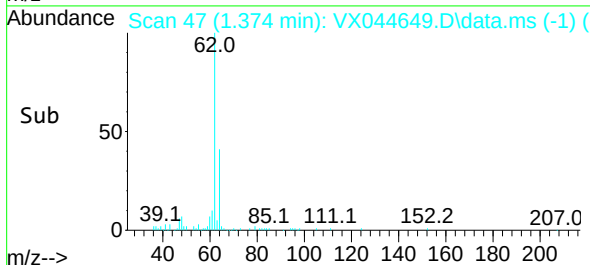
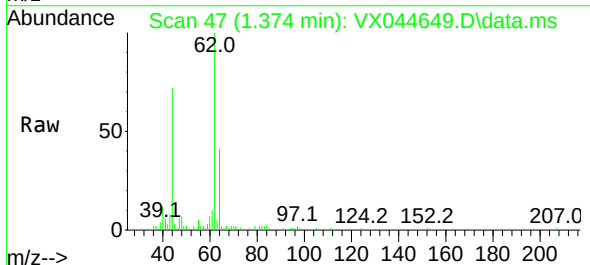
Manual Integrations
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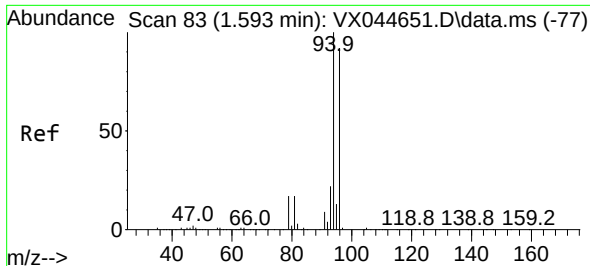
Reviewed By :John Carlone 01/15/2025
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#4
Vinyl Chloride
Concen: 4.734 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

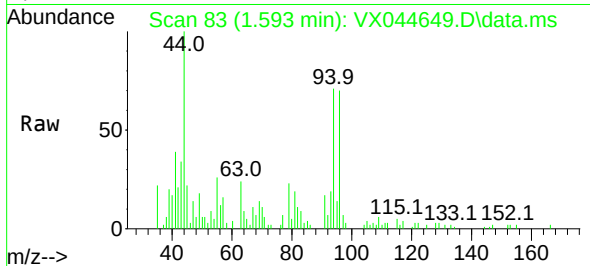
Tgt Ion: 62 Resp: 13246
Ion Ratio Lower Upper
62 100
64 35.1 26.6 39.8





#5
Bromomethane
Concen: 4.943 ug/l
RT: 1.593 min Scan# 83
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

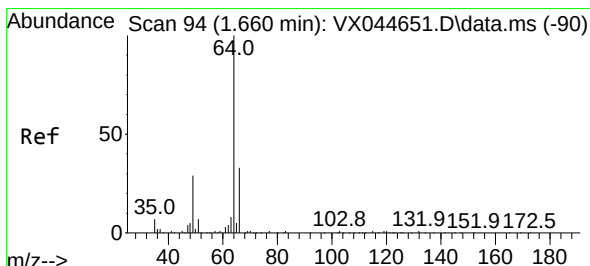
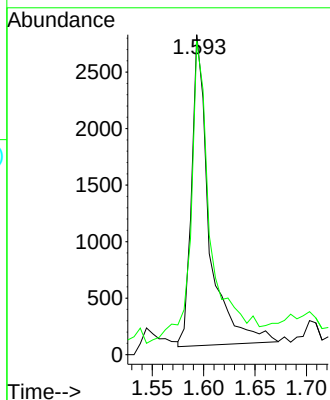
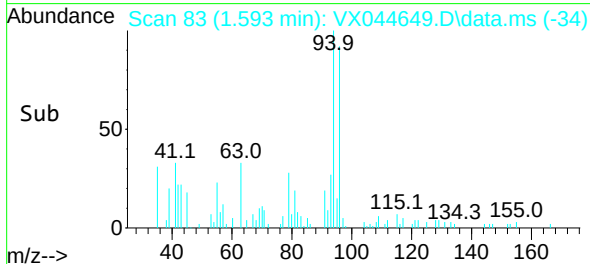
Instrument :
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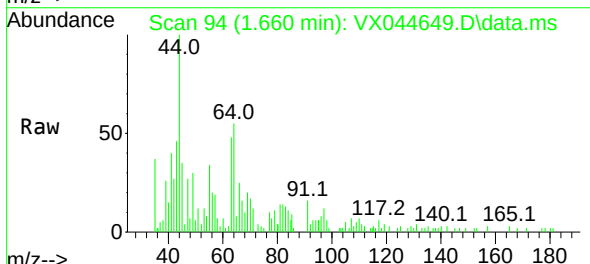
Tgt Ion: 94 Resp: 330
Ion Ratio Lower Upper
94 100
96 92.5 72.8 109.2

Manual Integrations
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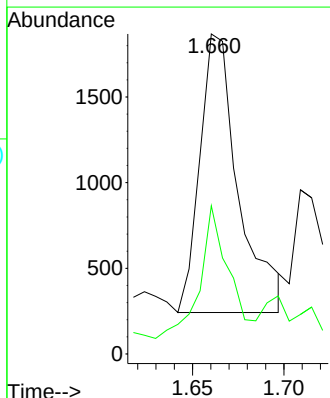
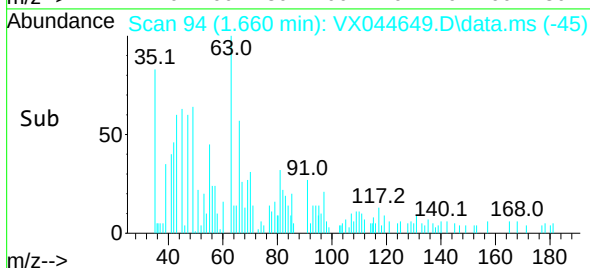
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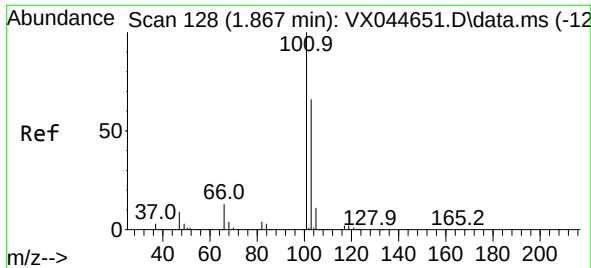


#6
Chloroethane
Concen: 4.652 ug/l
RT: 1.660 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



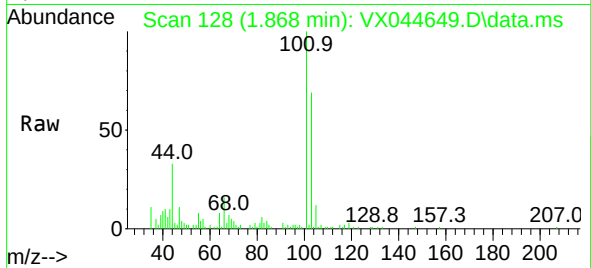
Tgt Ion: 64 Resp: 2387
Ion Ratio Lower Upper
64 100
66 42.6 26.6 39.8





#7
 Trichlorofluoromethane
 Concen: 4.711 ug/l
 RT: 1.868 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX044649.D
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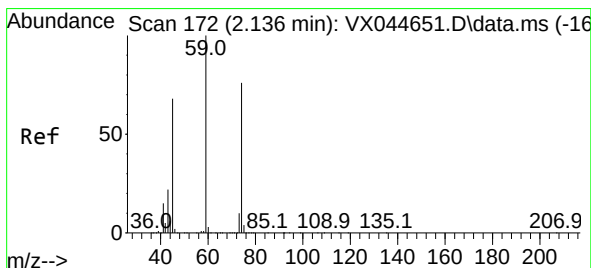
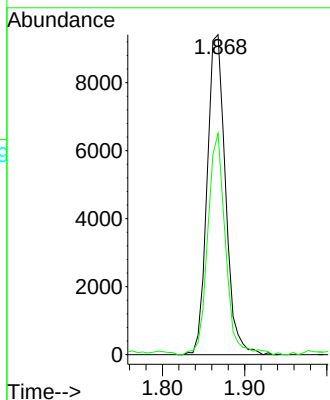
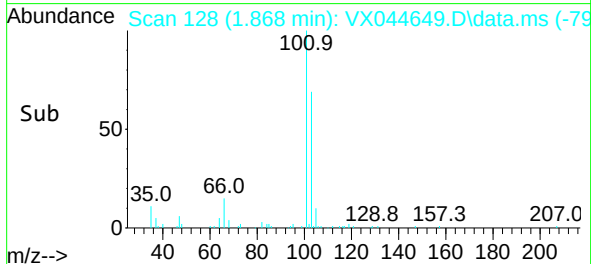
Instrument :
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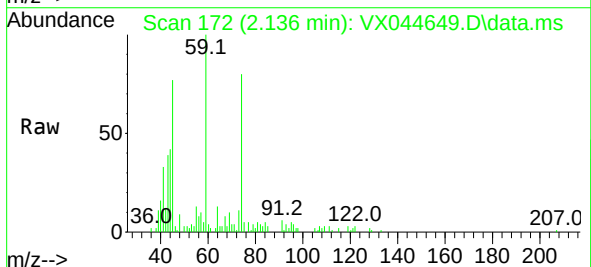
Tgt Ion:101 Resp: 1457
 Ion Ratio Lower Upper
 101 100
 103 69.2 52.5 78.7

Manual Integrations
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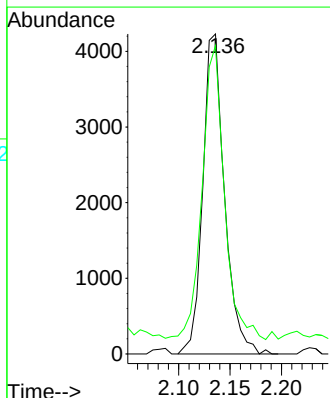
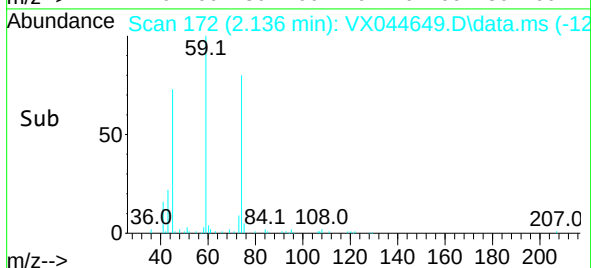
Reviewed By :John Carlone 01/15/2025
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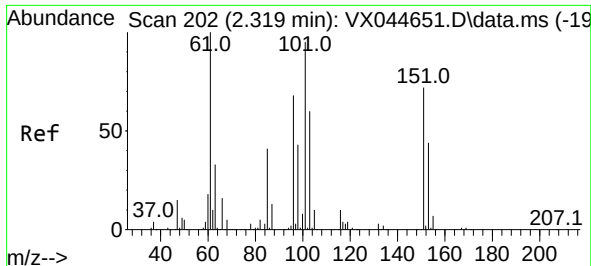


#8
 Diethyl Ether
 Concen: 4.992 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX044649.D
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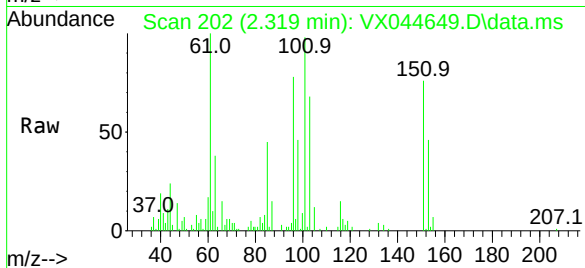
Tgt Ion: 74 Resp: 6231
 Ion Ratio Lower Upper
 74 100
 45 93.9 47.1 141.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.717 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044649.D
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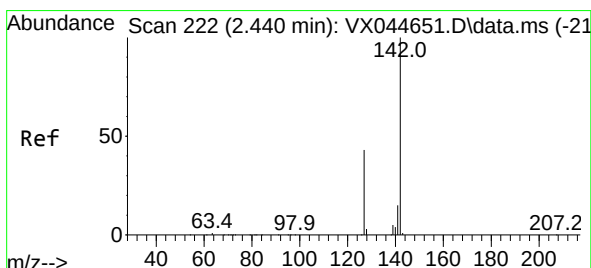
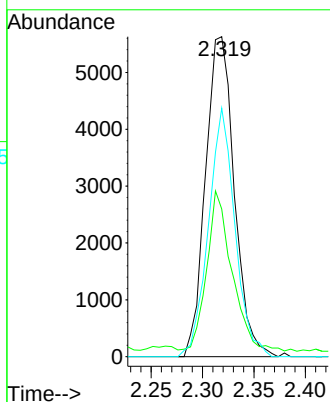
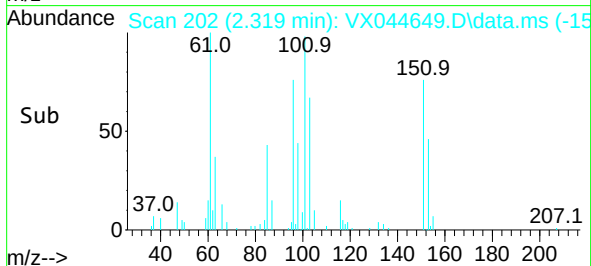
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



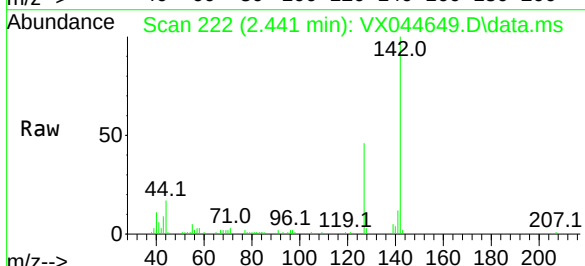
Tgt Ion:101 Resp: 1096
Ion Ratio Lower Upper
101 100
85 44.0 35.3 52.9
151 71.6 58.2 87.4

Manual Integrations
APPROVED

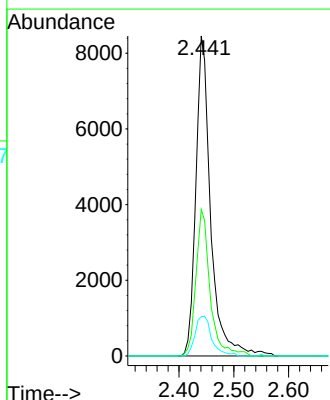
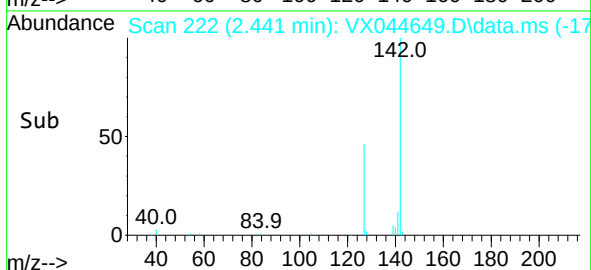
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

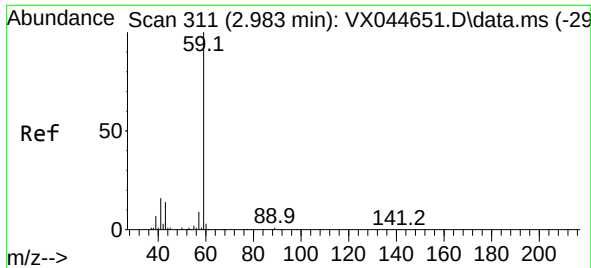


#10
Methyl Iodide
Concen: 5.016 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



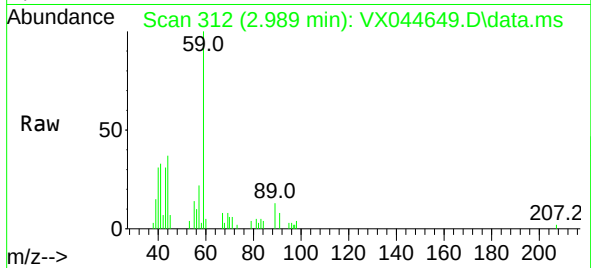
Tgt Ion:142 Resp: 15920
Ion Ratio Lower Upper
142 100
127 43.8 35.0 52.4
141 13.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 31.009 ug/l m
RT: 2.989 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

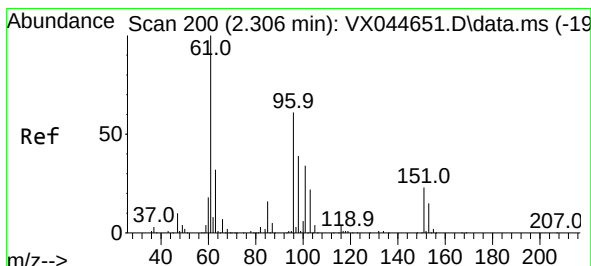
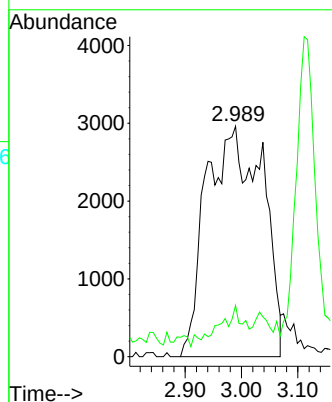
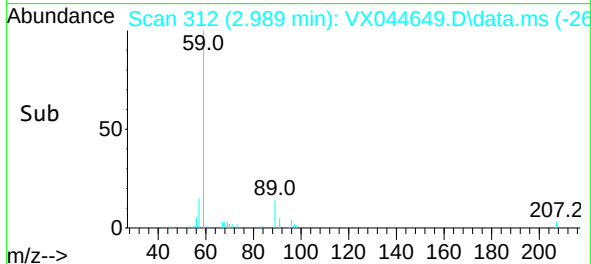
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 59 Resp: 2054
Ion Ratio Lower Upper
59 100
57 5.9 3.9 5.9

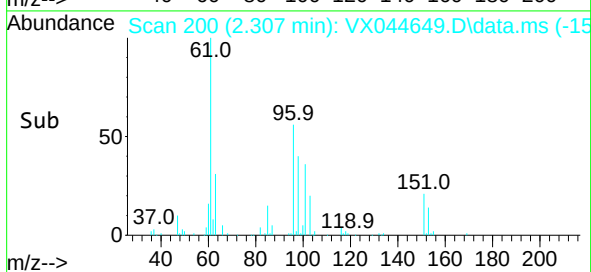
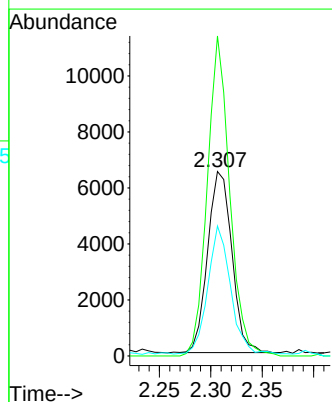
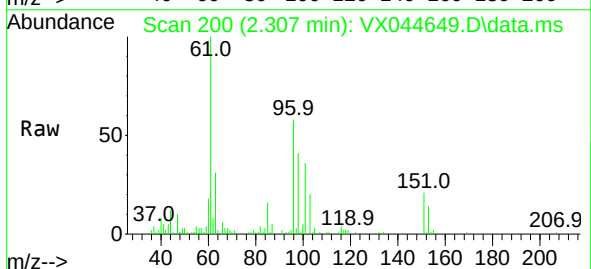
Manual Integrations
APPROVED

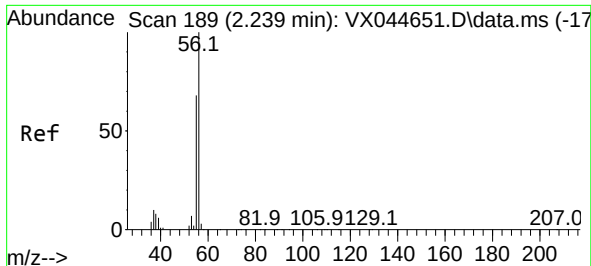
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#12
1,1-Dichloroethene
Concen: 4.667 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

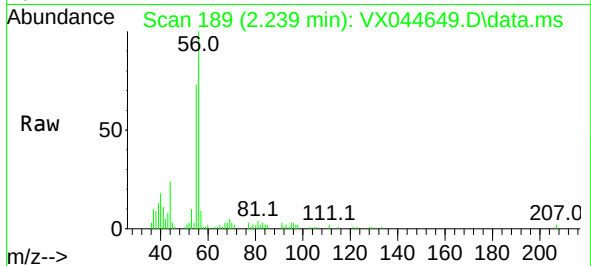
Tgt Ion: 96 Resp: 10636
Ion Ratio Lower Upper
96 100
61 176.8 131.1 196.7
98 70.5 51.2 76.8





#13
Acrolein
Concen: 35.838 ug/l
RT: 2.239 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

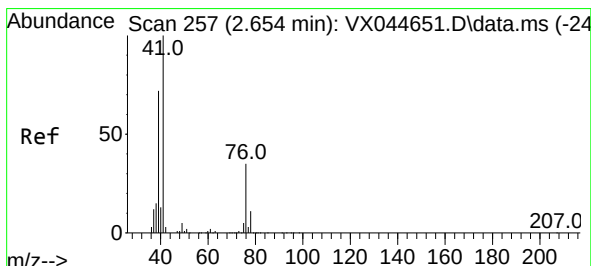
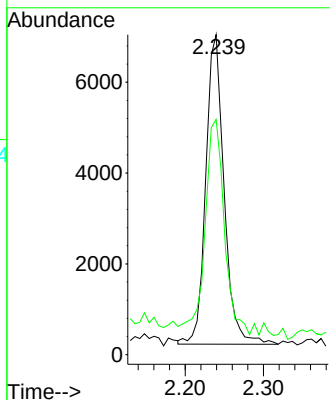
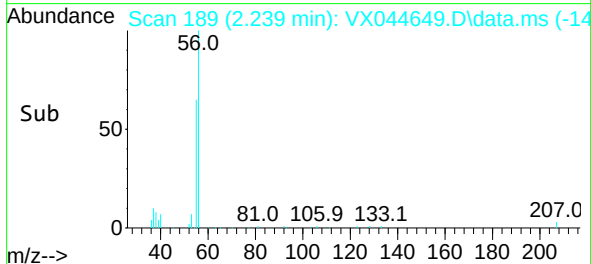
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 56 Resp: 1104
Ion Ratio Lower Upper
56 100
55 72.7 55.1 82.7

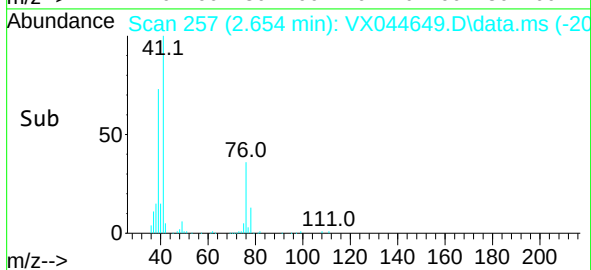
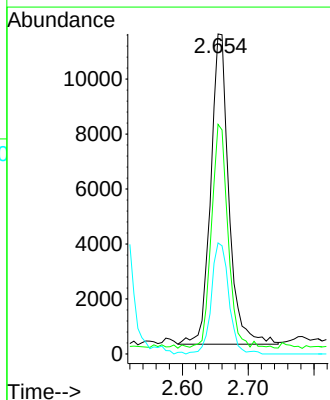
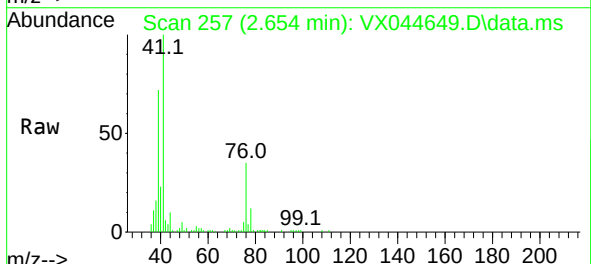
Manual Integrations
APPROVED

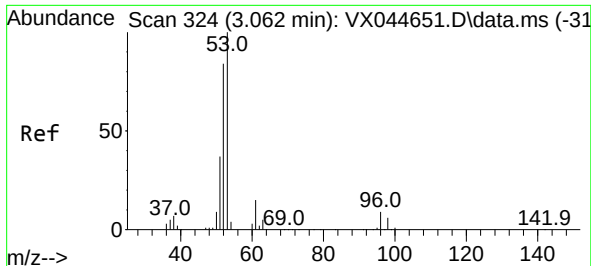
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#14
Allyl chloride
Concen: 4.901 ug/l
RT: 2.654 min Scan# 257
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Tgt Ion: 41 Resp: 21748
Ion Ratio Lower Upper
41 100
39 65.4 54.9 82.3
76 34.4 28.4 42.6





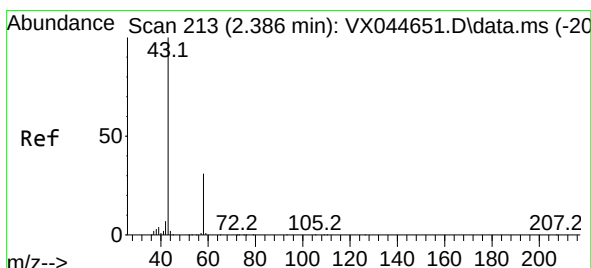
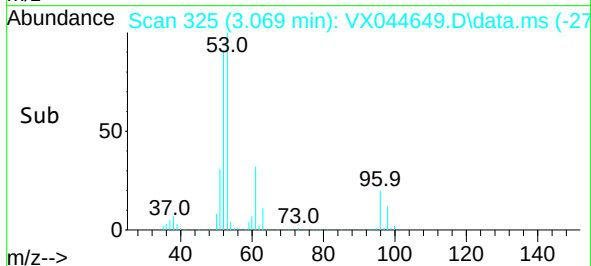
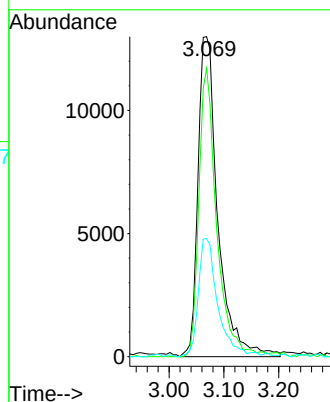
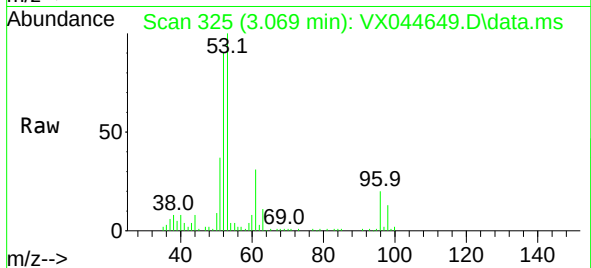
#15
Acrylonitrile
Concen: 25.521 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 3278
Ion Ratio Lower Upper
53 100
52 80.5 66.0 99.0
51 35.8 28.9 43.3

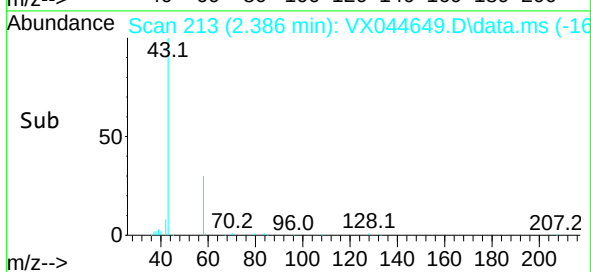
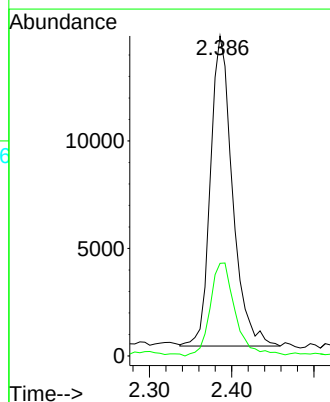
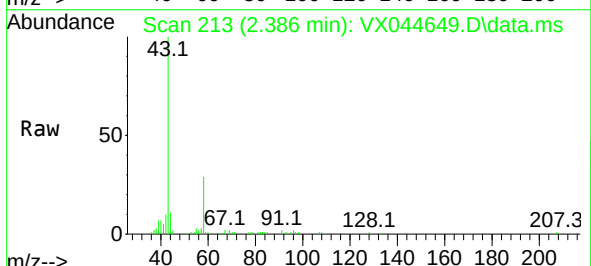
Manual Integrations
APPROVED

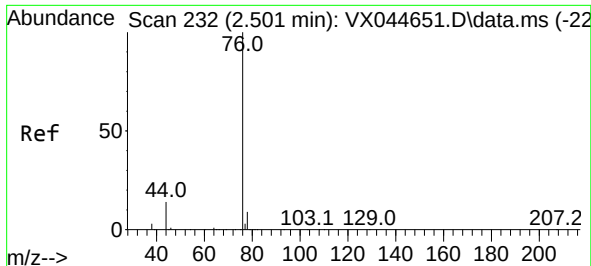
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#16
Acetone
Concen: 23.167 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

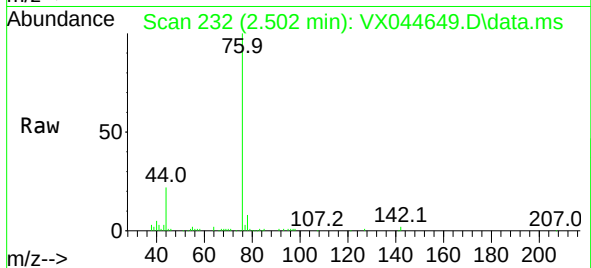
Tgt Ion: 43 Resp: 26927
Ion Ratio Lower Upper
43 100
58 29.2 24.6 37.0





#17
Carbon Disulfide
Concen: 4.869 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

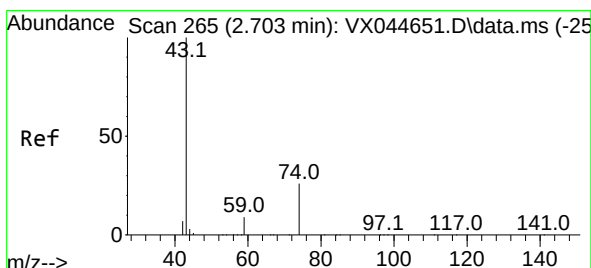
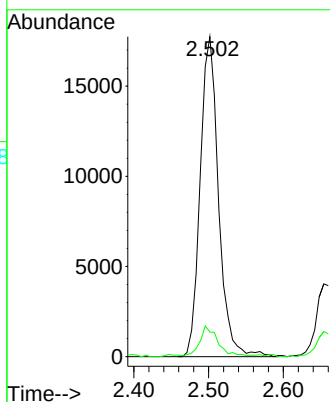
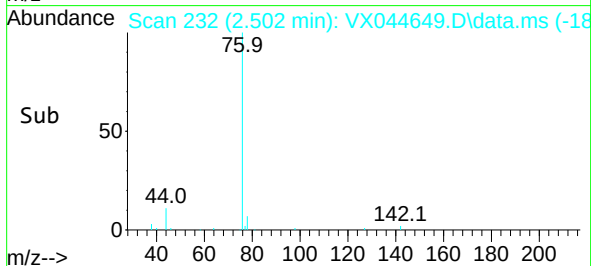
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



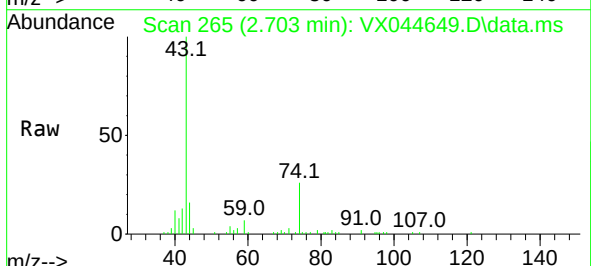
Tgt Ion: 76 Resp: 30278
Ion Ratio Lower Upper
76 100
78 7.7 7.1 10.7

Manual Integrations
APPROVED

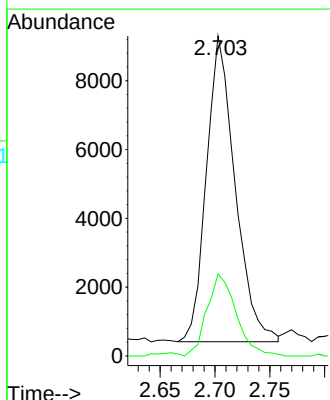
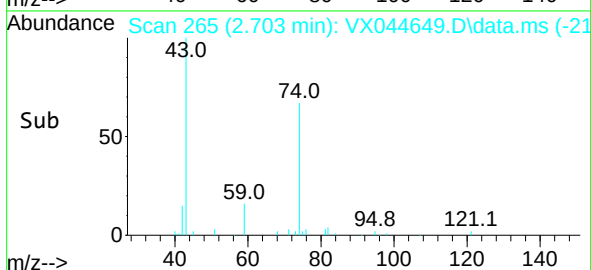
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

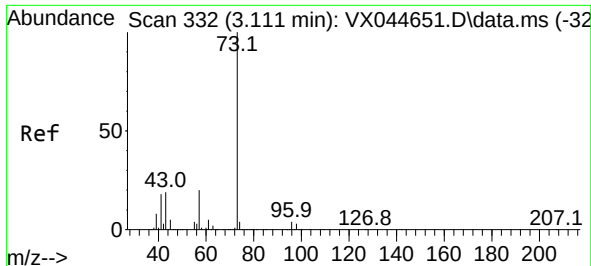


#18
Methyl Acetate
Concen: 4.516 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



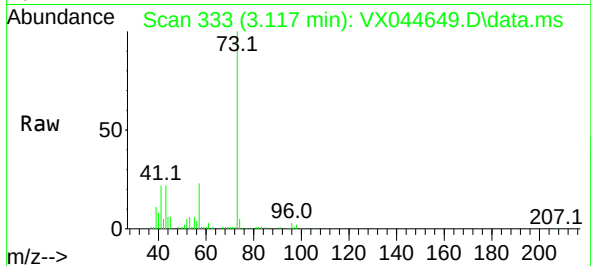
Tgt Ion: 43 Resp: 16192
Ion Ratio Lower Upper
43 100
74 27.3 19.8 29.8





#19
Methyl tert-butyl Ether
Concen: 4.998 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

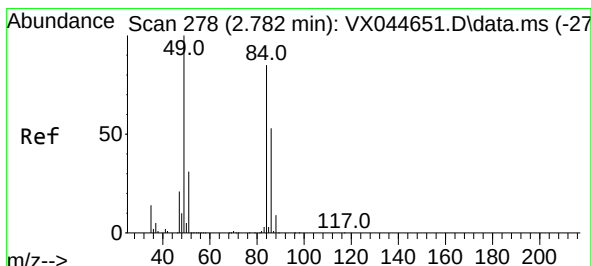
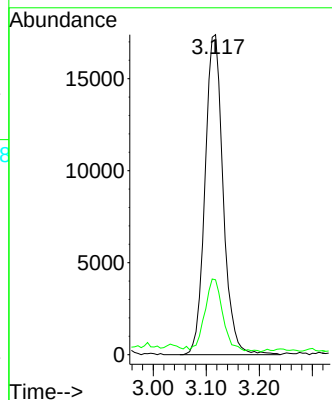
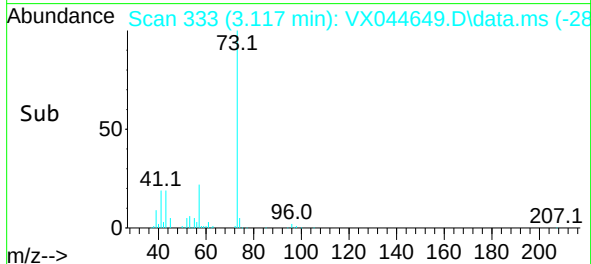
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 73 Resp: 41254
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

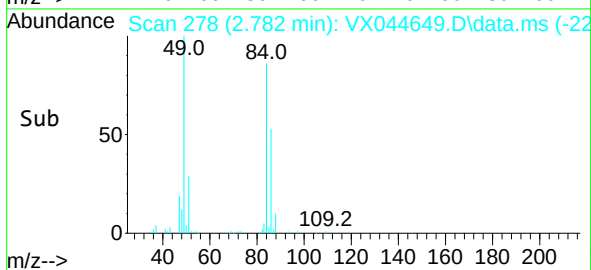
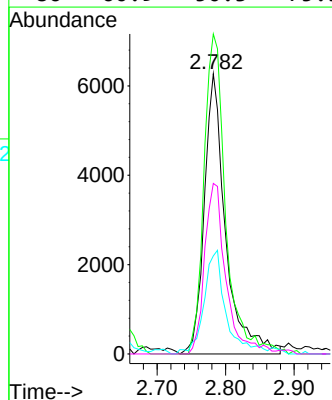
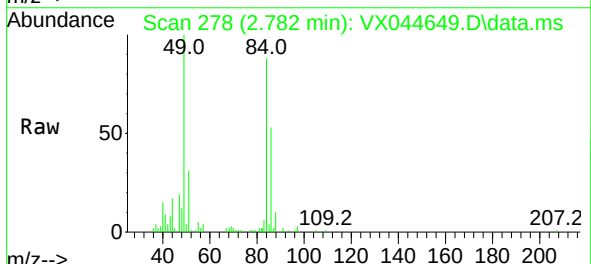
Manual Integrations
APPROVED

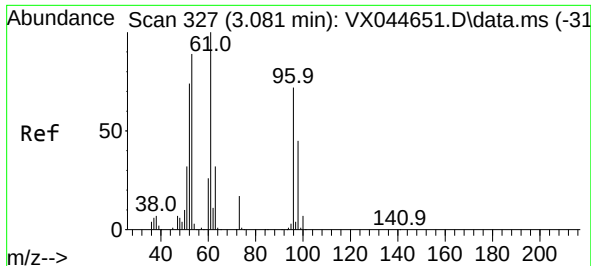
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#20
Methylene Chloride
Concen: 5.028 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

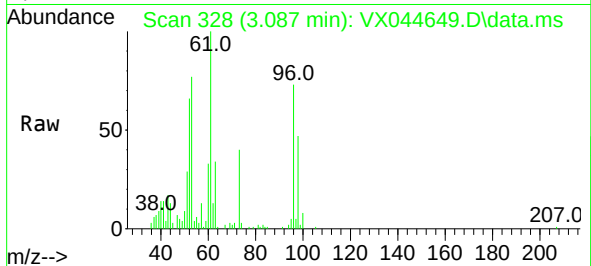
Tgt Ion: 84 Resp: 13610
Ion Ratio Lower Upper
84 100
49 114.2 94.2 141.4
51 33.5 28.8 43.2
86 60.9 50.3 75.5





#21
trans-1,2-Dichloroethene
Concen: 4.965 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

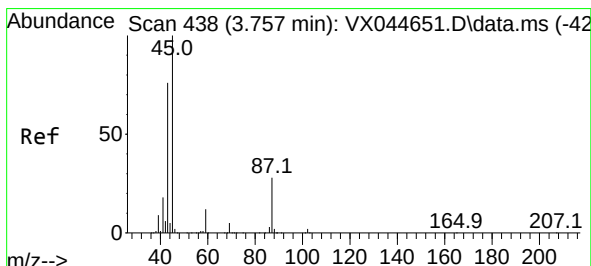
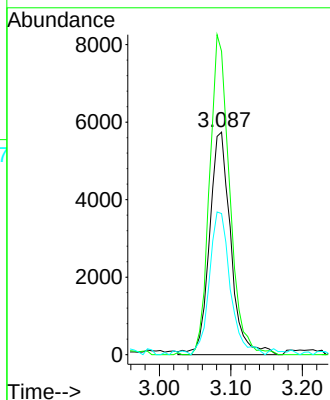
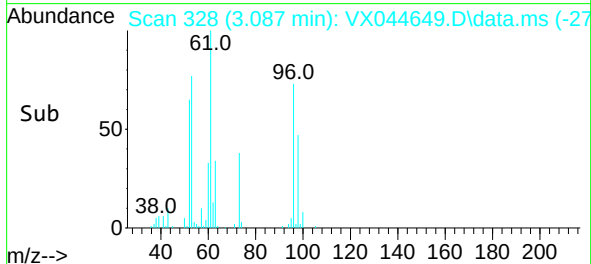
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 1181
Ion Ratio Lower Upper
96 100
61 136.3 111.0 166.6
98 62.3 50.2 75.2

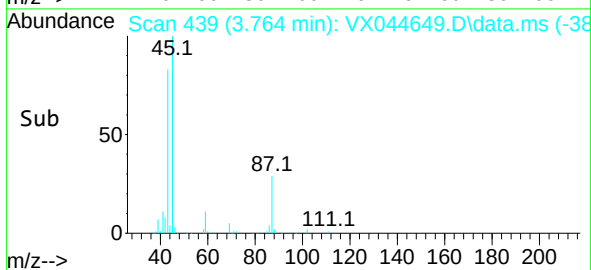
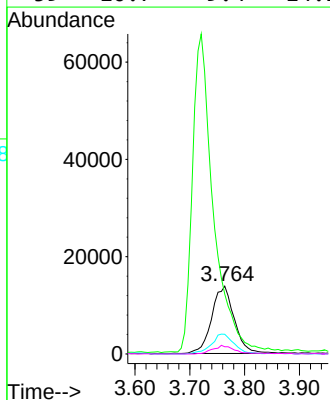
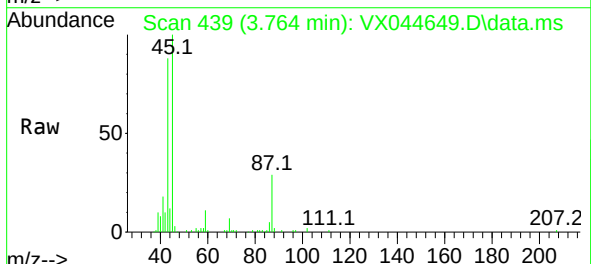
Manual Integrations
APPROVED

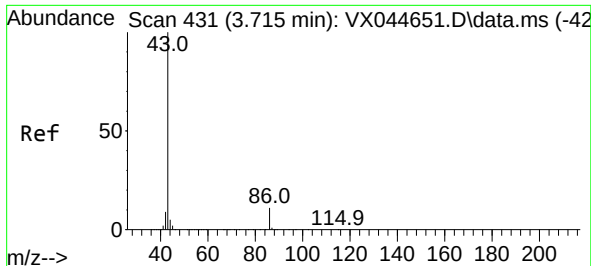
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#22
Diisopropyl ether
Concen: 5.149 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

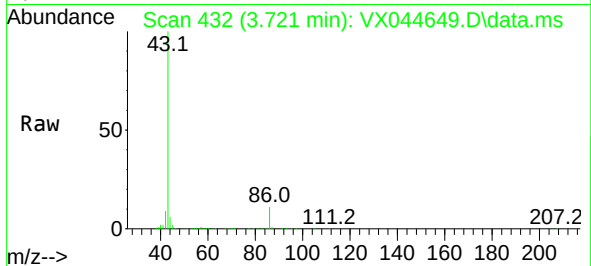
Tgt Ion: 45 Resp: 39716
Ion Ratio Lower Upper
45 100
43 85.7 61.0 91.6
87 29.1 22.7 34.1
59 10.7 9.4 14.2





#23
Vinyl Acetate
Concen: 26.022 ug/l
RT: 3.721 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

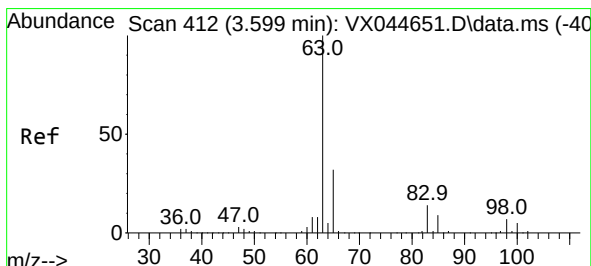
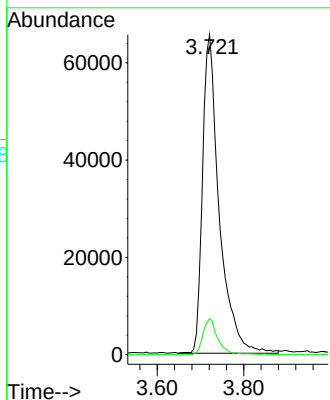
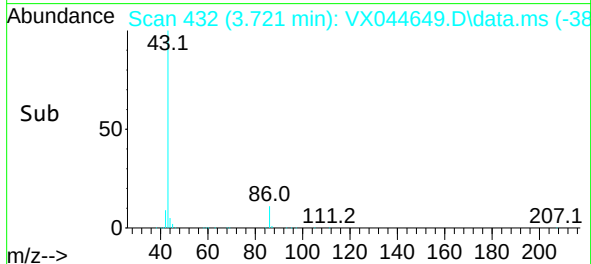
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



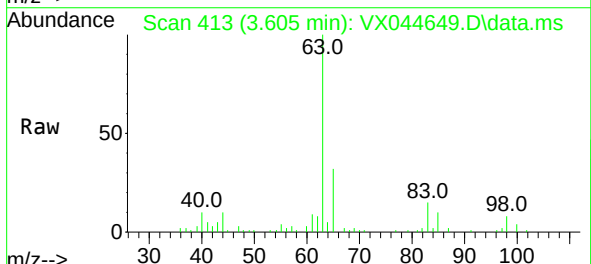
Tgt Ion: 43 Resp: 17566
Ion Ratio Lower Upper
43 100
86 11.3 8.9 13.3

Manual Integrations
APPROVED

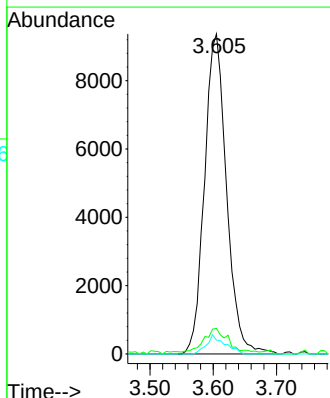
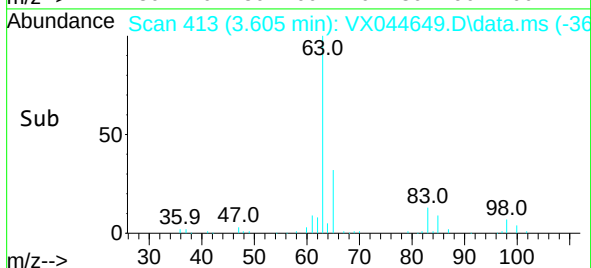
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

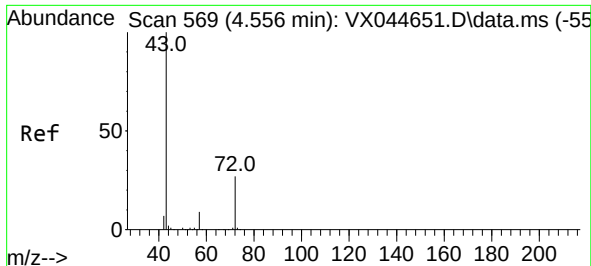


#24
1,1-Dichloroethane
Concen: 4.953 ug/l
RT: 3.605 min Scan# 413
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



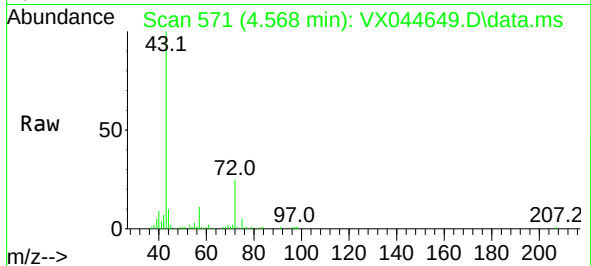
Tgt Ion: 63 Resp: 22655
Ion Ratio Lower Upper
63 100
98 8.0 3.6 10.9
100 4.4 2.5 7.5





#25
2-Butanone
Concen: 25.004 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

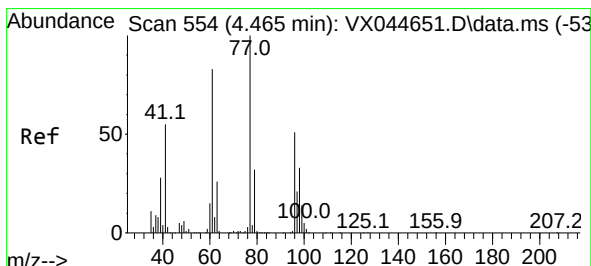
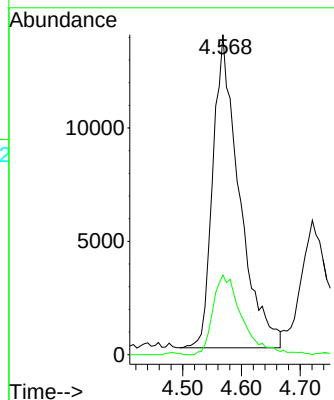
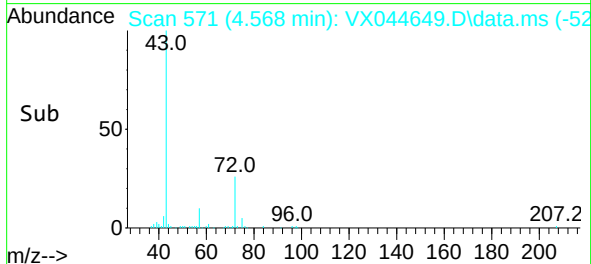
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 43210
Ion Ratio Lower Upper
43 100
72 25.0 21.7 32.5

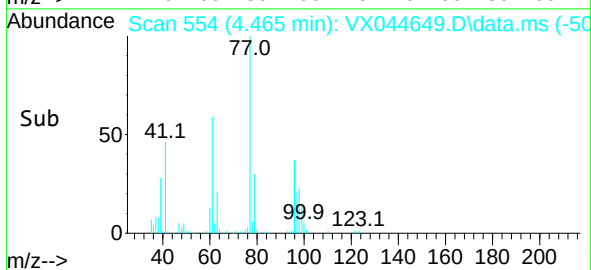
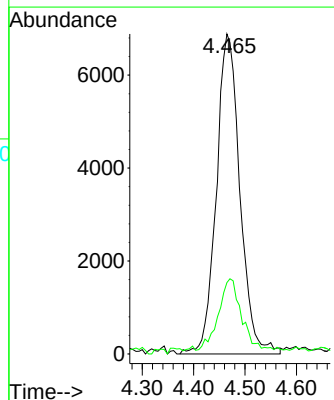
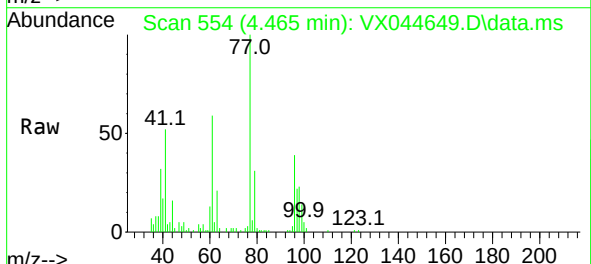
Manual Integrations
APPROVED

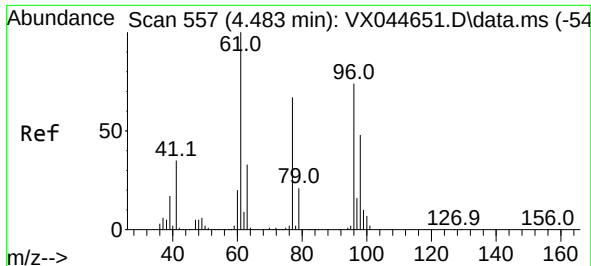
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#26
2,2-Dichloropropane
Concen: 4.957 ug/l
RT: 4.465 min Scan# 554
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Tgt Ion: 77 Resp: 21972
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.6





#27

cis-1,2-Dichloroethene

Concen: 4.777 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

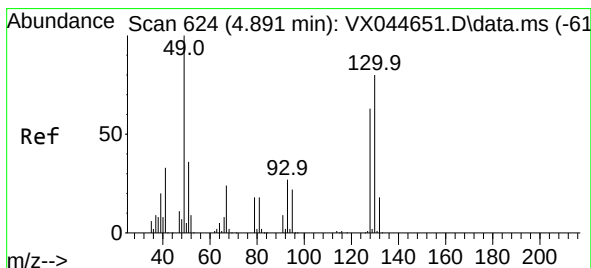
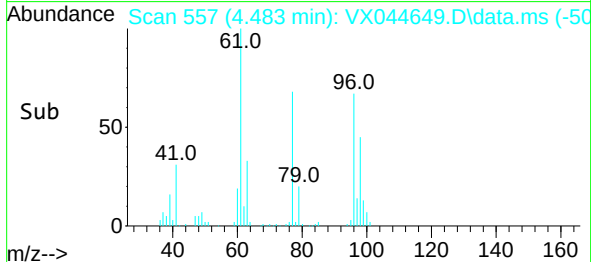
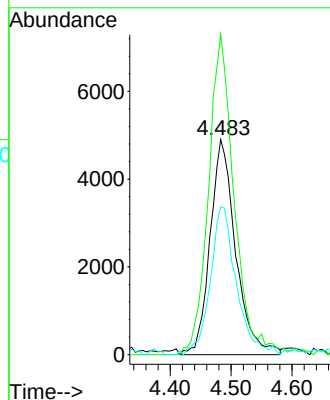
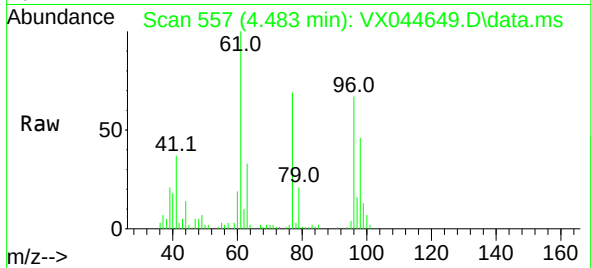
Tgt Ion: 96	Resp: 1429
Ion Ratio	Lower Upper
96 100	
61 149.1	0.0 296.0
98 70.1	0.0 130.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#28

Bromochloromethane

Concen: 5.046 ug/l

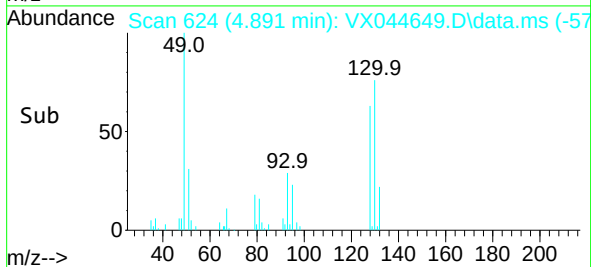
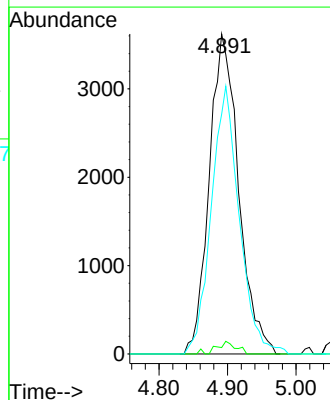
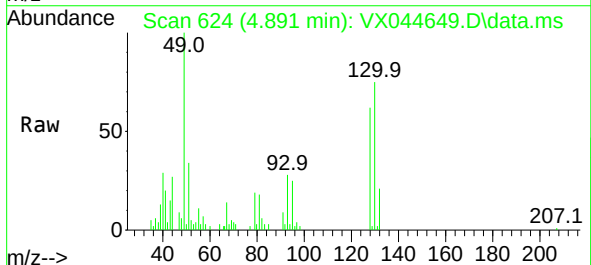
RT: 4.891 min Scan# 624

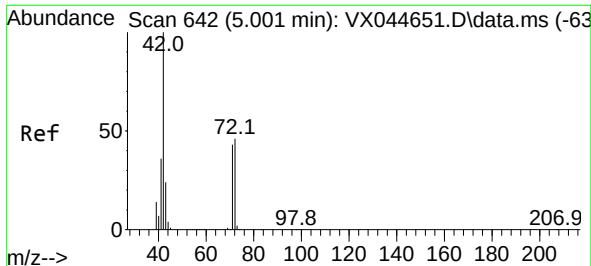
Delta R.T. 0.000 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Tgt Ion: 49	Resp: 10785
Ion Ratio	Lower Upper
49 100	
129 2.4	0.0 4.4
130 79.7	63.4 95.2





#29

Tetrahydrofuran

Concen: 24.762 ug/l

RT: 5.007 min Scan# 642

Delta R.T. 0.006 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

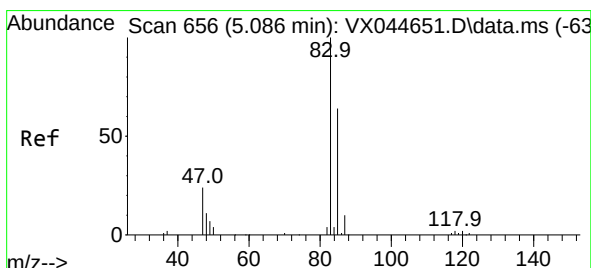
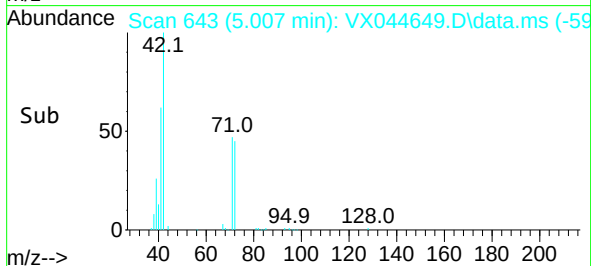
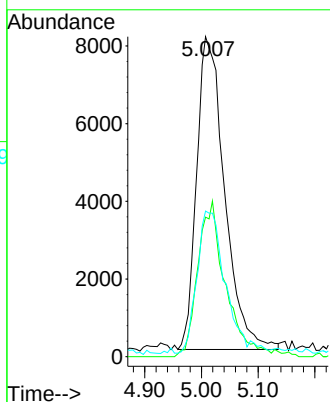
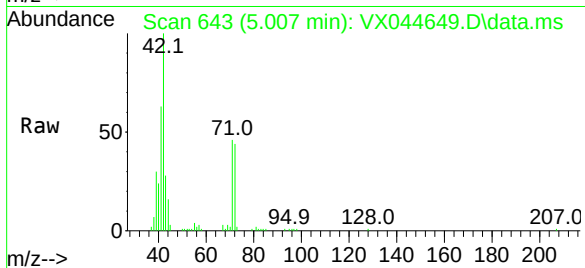
Tgt Ion:	42	Resp:	2760
Ion	Ratio	Lower	Upper
42	100		
72	48.8	38.2	57.4
71	46.1	35.3	52.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#30

Chloroform

Concen: 5.169 ug/l

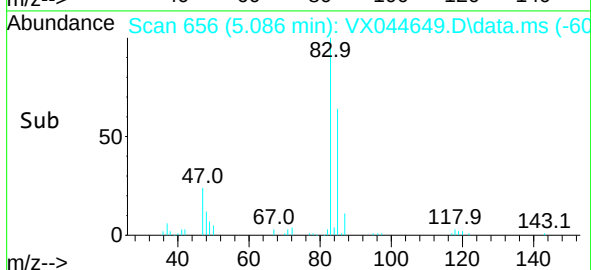
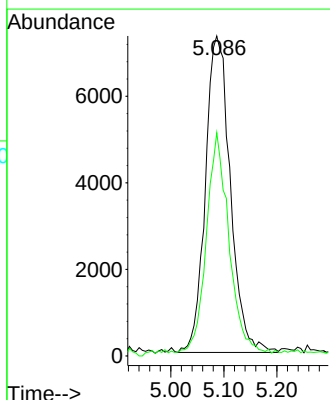
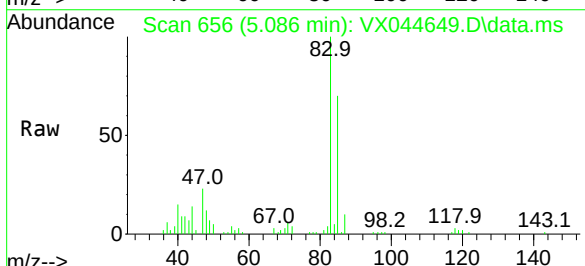
RT: 5.086 min Scan# 656

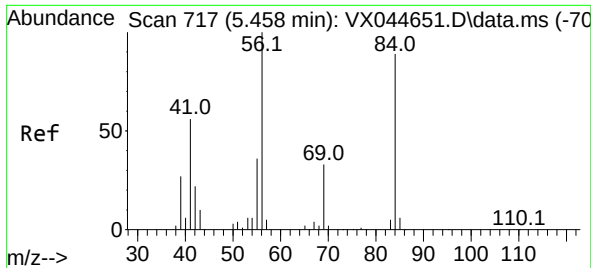
Delta R.T. 0.000 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Tgt Ion:	83	Resp:	23860
Ion	Ratio	Lower	Upper
83	100		
85	69.4	51.2	76.8





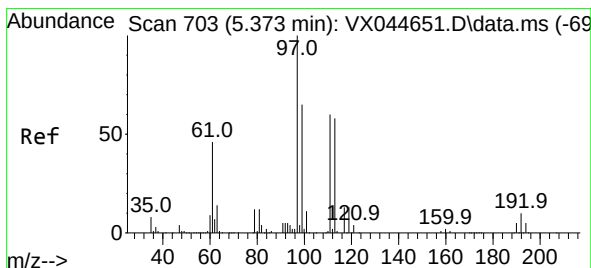
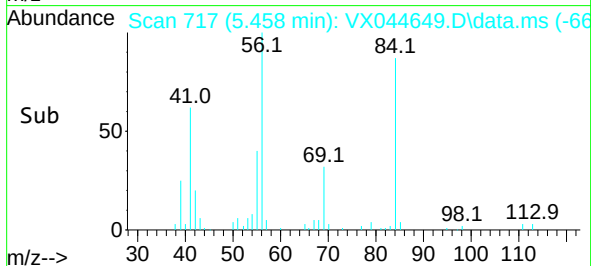
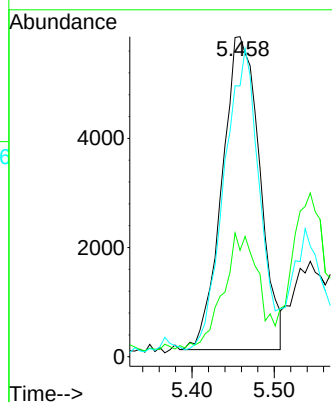
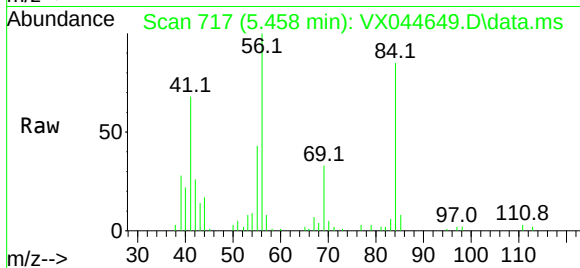
#31
Cyclohexane
Concen: 4.934 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
Client Sample Id :
VSTDIC005

Tgt Ion: 56 Resp: 1825
Ion Ratio Lower Upper
56 100
69 30.5 26.8 40.2
84 83.4 71.0 106.4

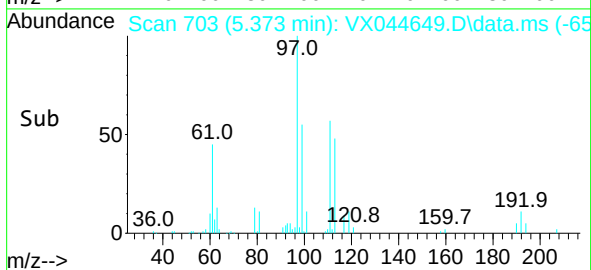
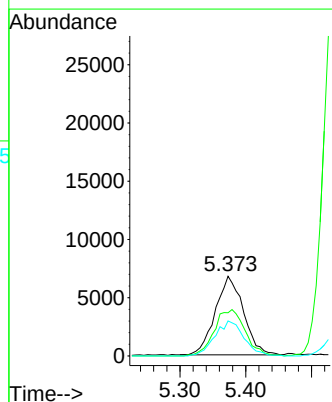
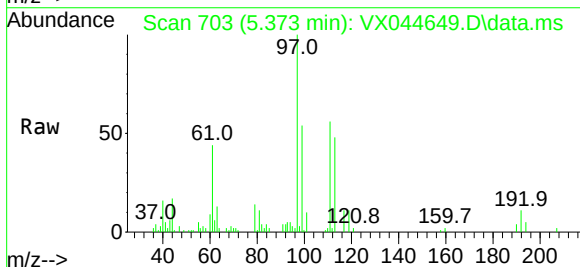
Manual Integrations
APPROVED

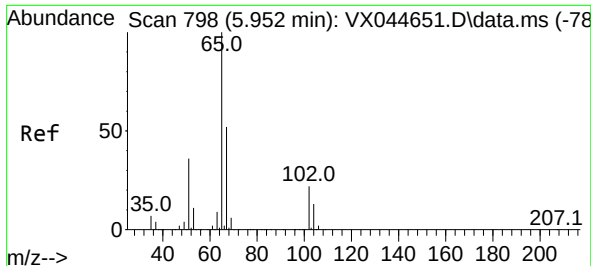
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#32
1,1,1-Trichloroethane
Concen: 4.753 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Tgt Ion: 97 Resp: 20169
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 45.9 35.6 53.4





#33

1,2-Dichloroethane-d4

Concen: 5.717 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 1679

Ion Ratio Lower Upper

65 100

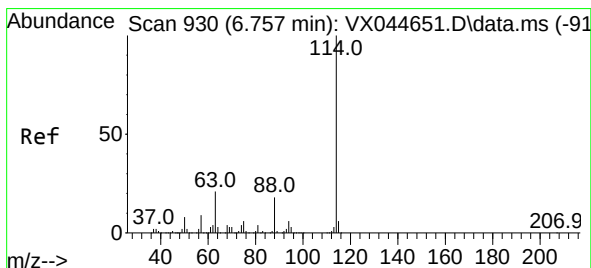
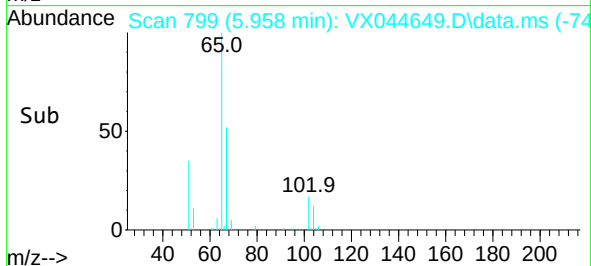
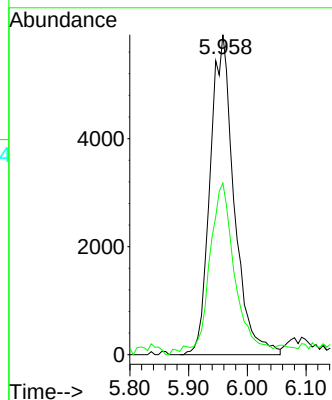
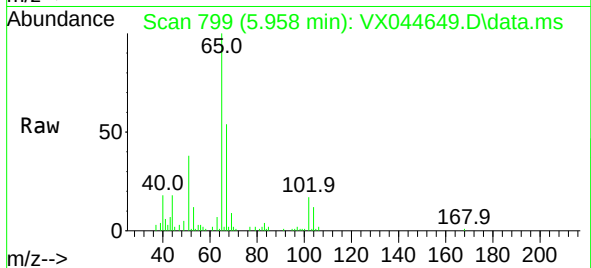
67 56.9 0.0 103.4

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: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

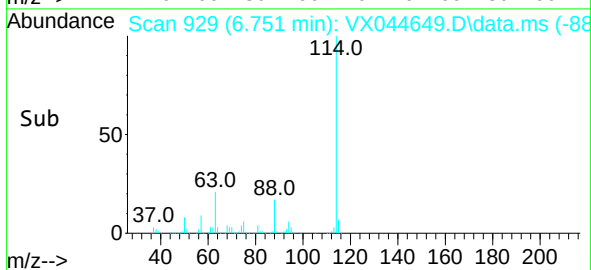
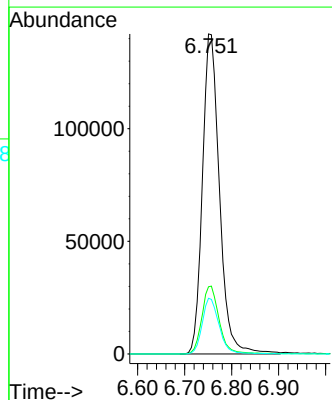
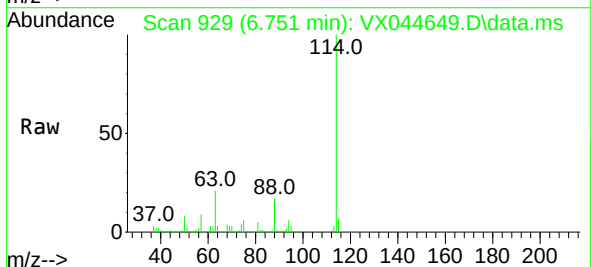
Tgt Ion:114 Resp: 357706

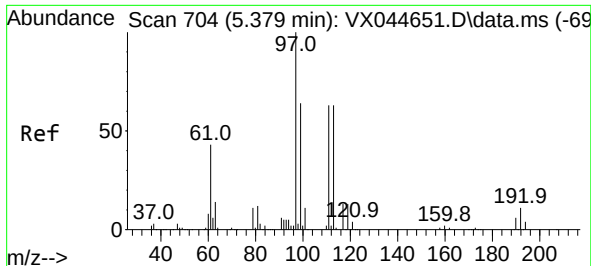
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.0

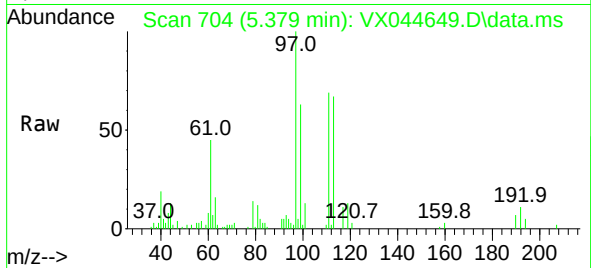
88 17.4 0.0 35.4





#35
Dibromofluoromethane
Concen: 5.594 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

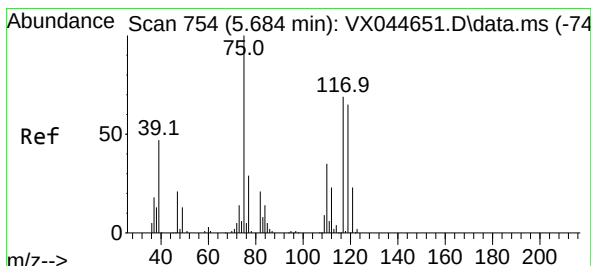
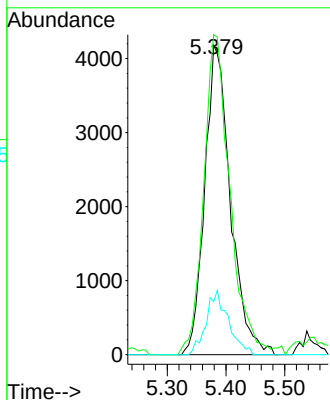
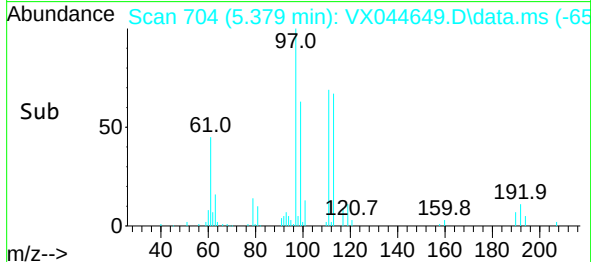
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 113 Resp: 1271
Ion Ratio Lower Upper
113 100
111 105.1 81.6 122.4
192 17.9 14.4 21.6

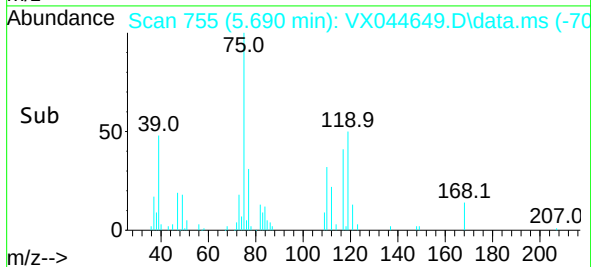
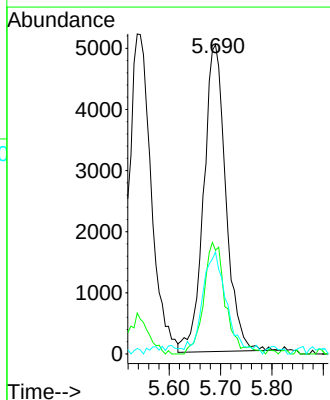
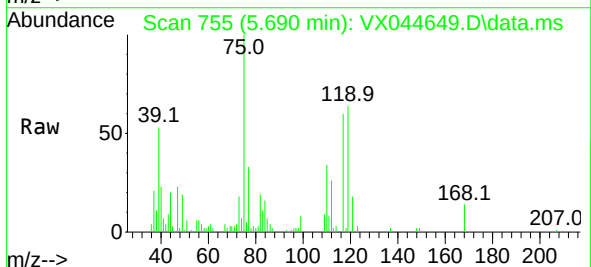
Manual Integrations
APPROVED

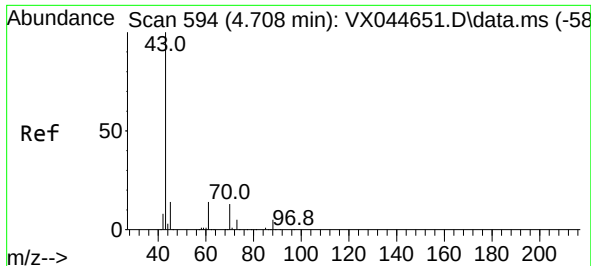
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

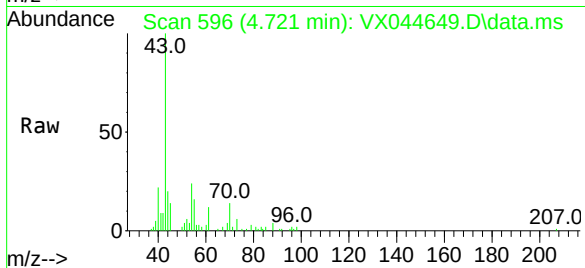
Tgt Ion: 75 Resp: 15040
Ion Ratio Lower Upper
75 100
110 34.8 17.9 53.8
77 36.6 24.5 36.7





#37
Ethyl Acetate
Concen: 5.150 ug/l
RT: 4.721 min Scan# 594
Delta R.T. 0.012 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

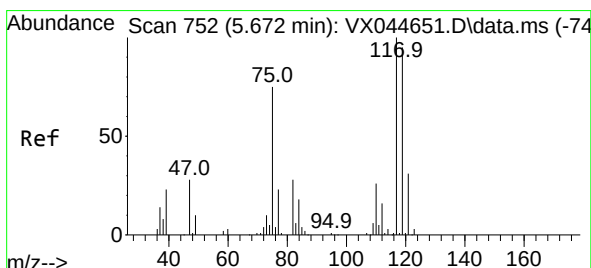
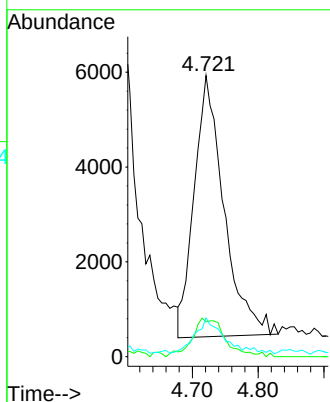
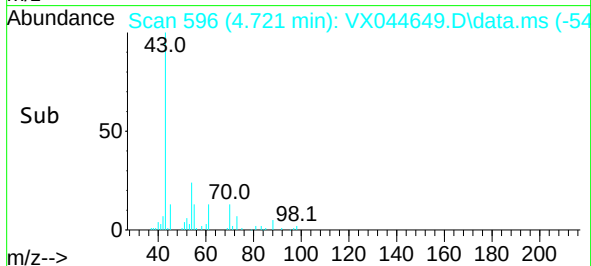
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 17349
Ion Ratio Lower Upper
43 100
61 16.3 10.9 16.3
70 14.1 10.1 15.1

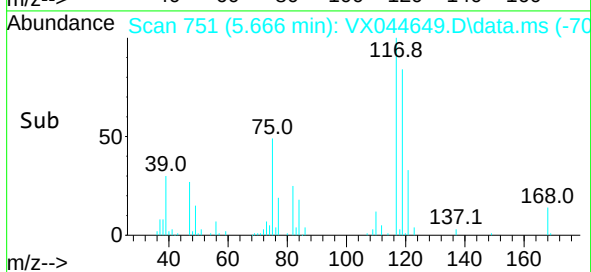
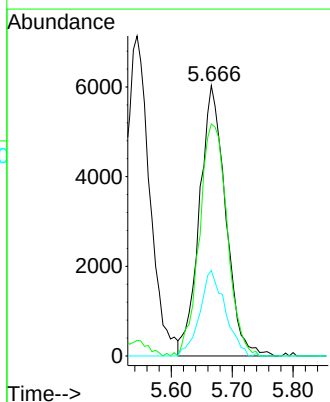
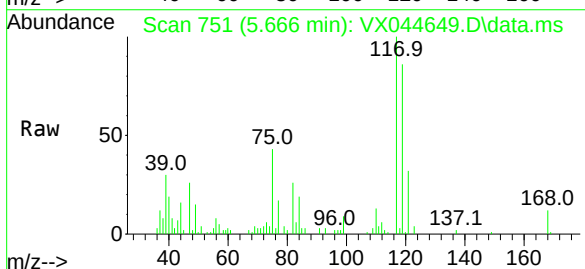
Manual Integrations
APPROVED

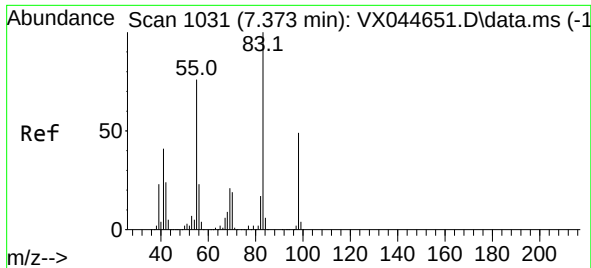
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#38
Carbon Tetrachloride
Concen: 5.054 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

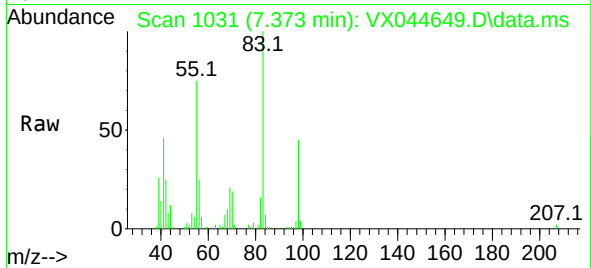
Tgt Ion:117 Resp: 17983
Ion Ratio Lower Upper
117 100
119 85.8 76.0 114.0
121 31.6 24.6 36.8





#39
Methylcyclohexane
Concen: 4.727 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

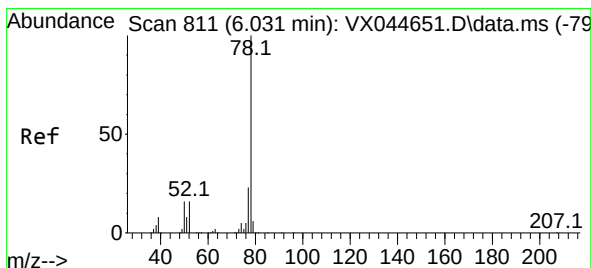
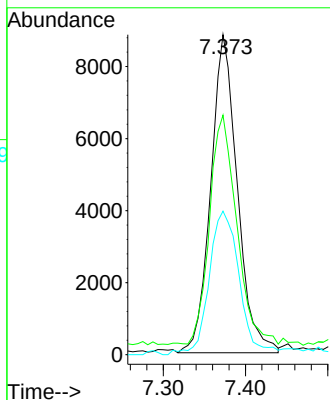
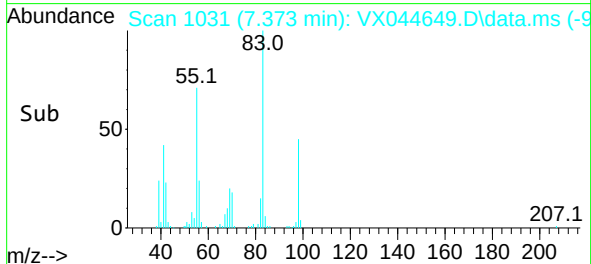
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 83 Resp: 1984
Ion Ratio Lower Upper
83 100
55 72.0 60.5 90.7
98 44.2 39.0 58.4

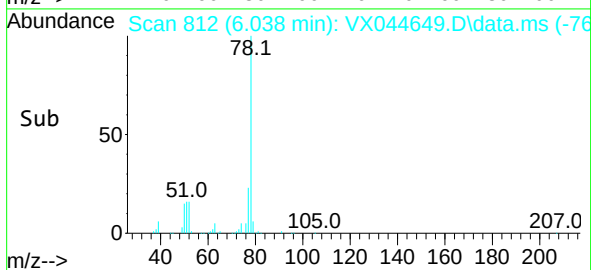
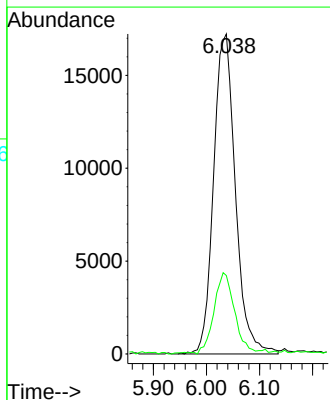
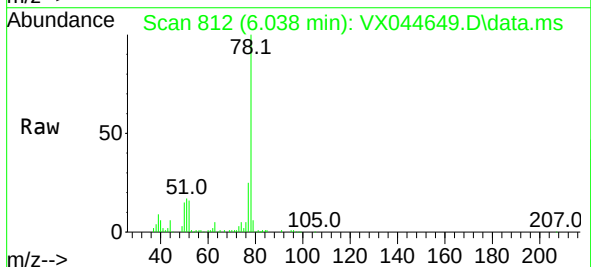
Manual Integrations
APPROVED

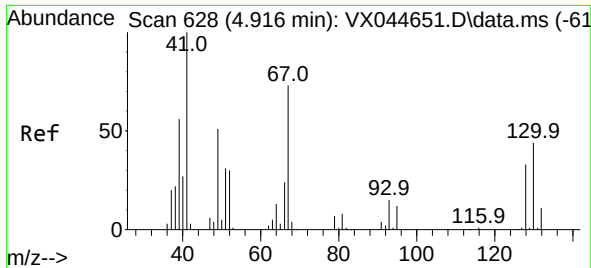
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#40
Benzene
Concen: 5.023 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

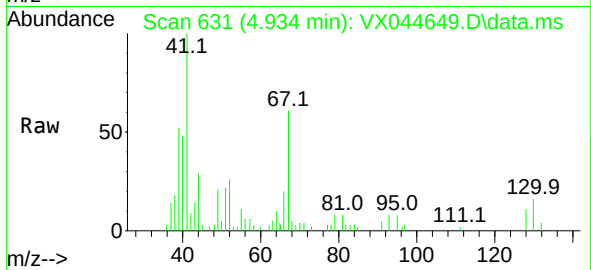
Tgt Ion: 78 Resp: 49235
Ion Ratio Lower Upper
78 100
77 24.2 18.7 28.1





#41
Methacrylonitrile
Concen: 5.124 ug/l
RT: 4.934 min Scan# 61
Delta R.T. 0.018 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

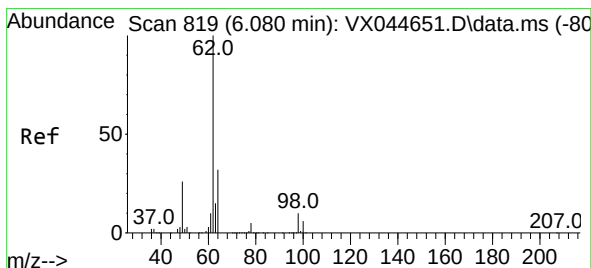
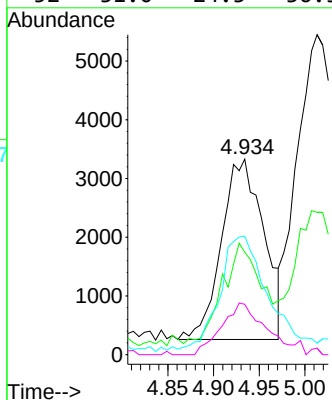
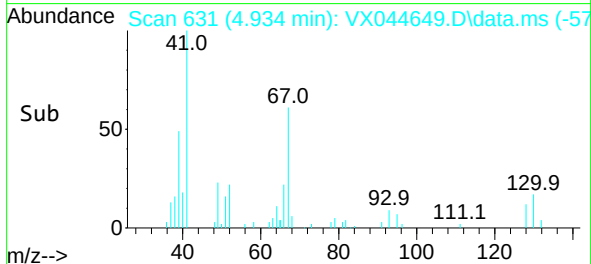
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:	41	Resp:	9920
Ion	Ratio	Lower	Upper
41	100		
39	52.9	44.4	66.6
67	74.3	60.6	90.8
52	31.0	24.3	36.5

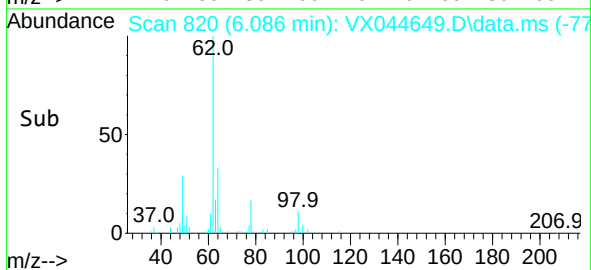
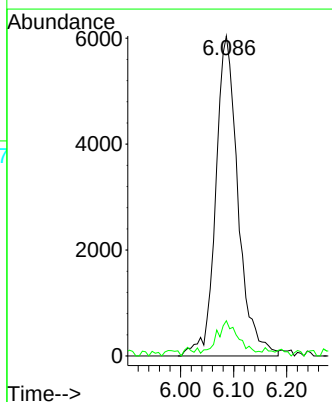
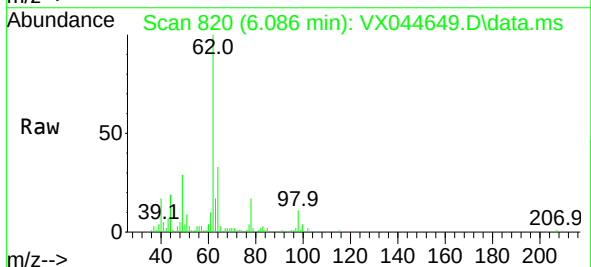
Manual Integrations
APPROVED

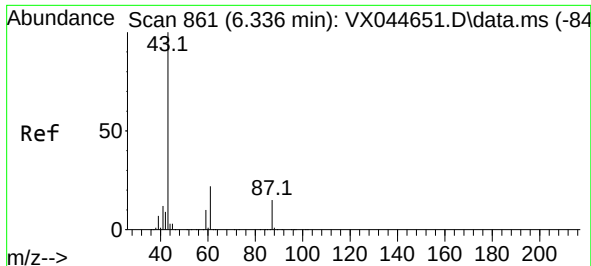
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#42
1,2-Dichloroethane
Concen: 4.941 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

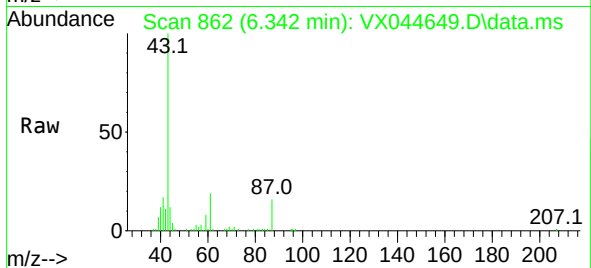
Tgt Ion:	62	Resp:	17678
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	19.4





#43
Isopropyl Acetate
Concen: 4.877 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

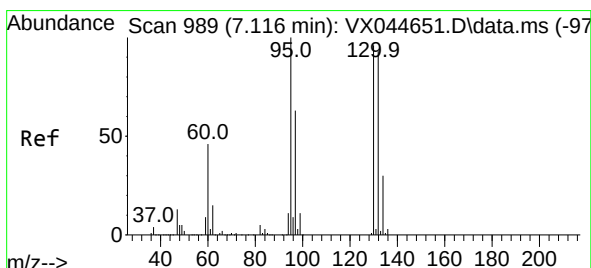
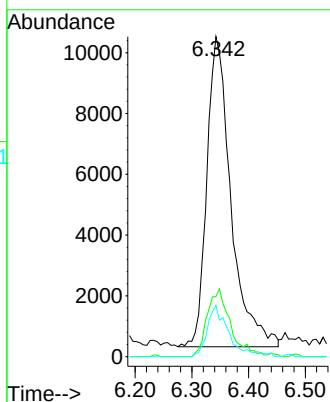
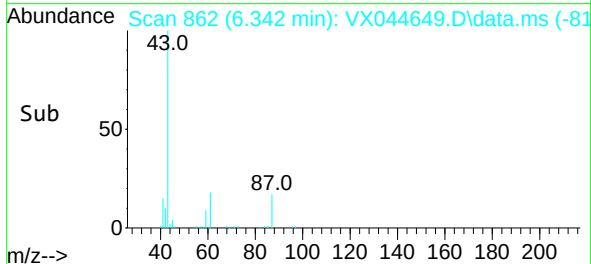
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 30220
Ion Ratio Lower Upper
43 100
61 21.0 16.6 24.8
87 14.7 11.0 16.6

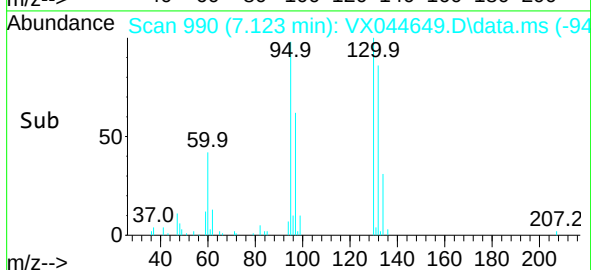
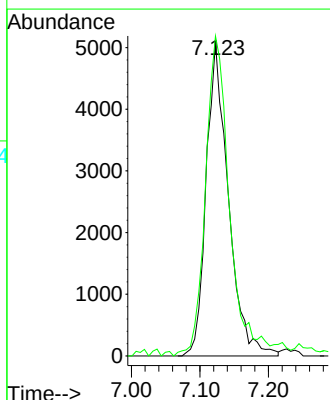
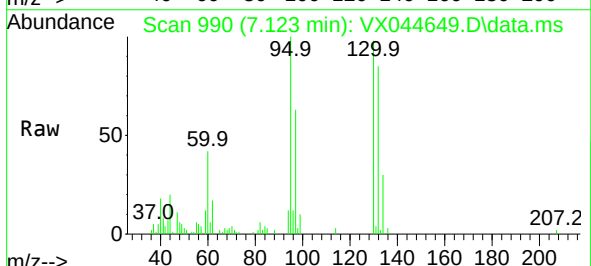
Manual Integrations
APPROVED

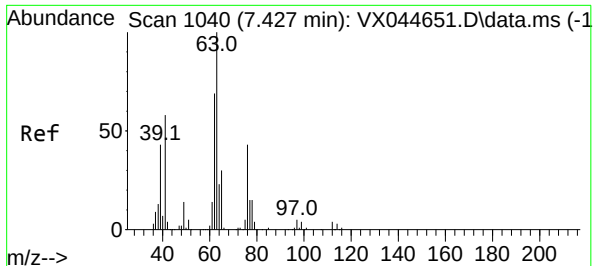
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#44
Trichloroethene
Concen: 4.849 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Tgt Ion:130 Resp: 11427
Ion Ratio Lower Upper
130 100
95 100.7 0.0 208.2





#45

1,2-Dichloropropane

Concen: 5.199 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 63 Resp: 12829

Ion Ratio Lower Upper

63 100

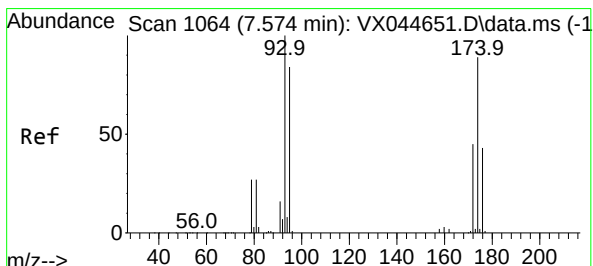
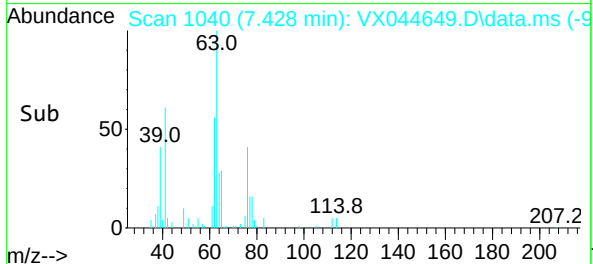
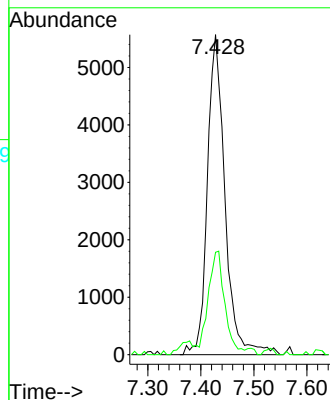
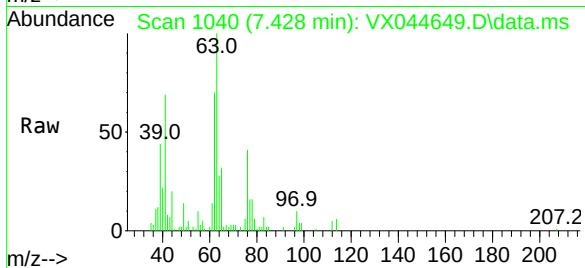
65 32.0 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#46

Dibromomethane

Concen: 5.156 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.006 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

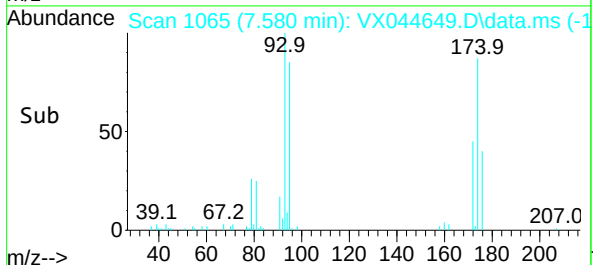
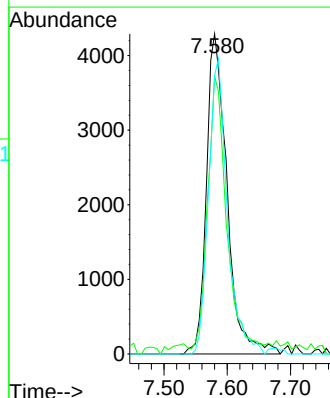
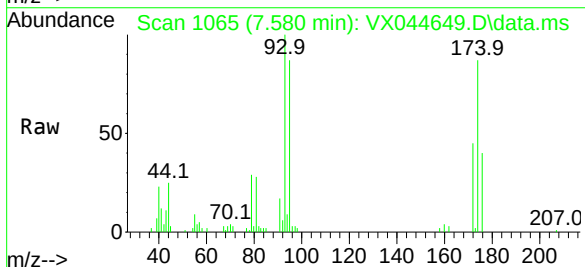
Tgt Ion: 93 Resp: 9684

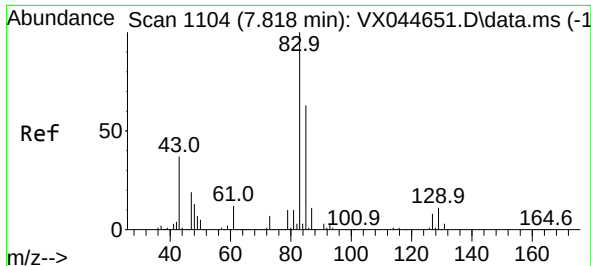
Ion Ratio Lower Upper

93 100

95 77.5 66.4 99.6

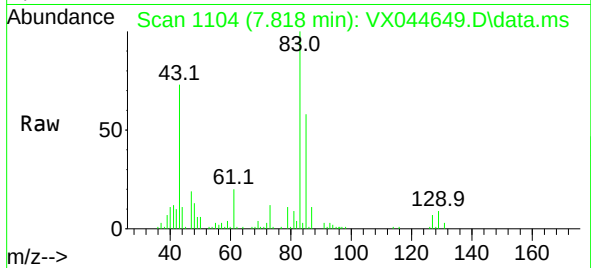
174 84.6 72.0 108.0





#47
Bromodichloromethane
Concen: 4.923 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

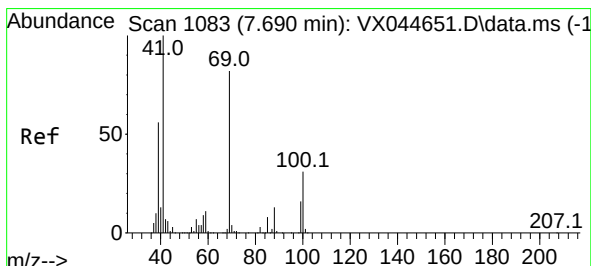
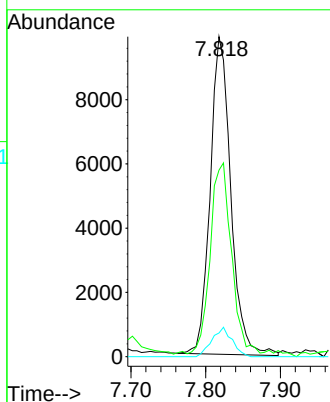
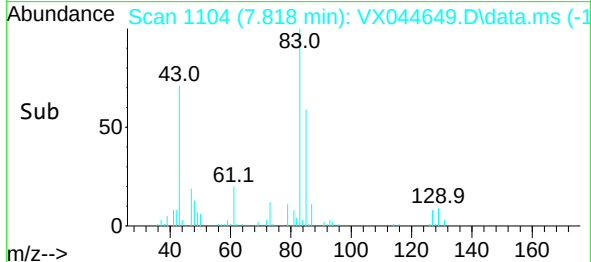
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



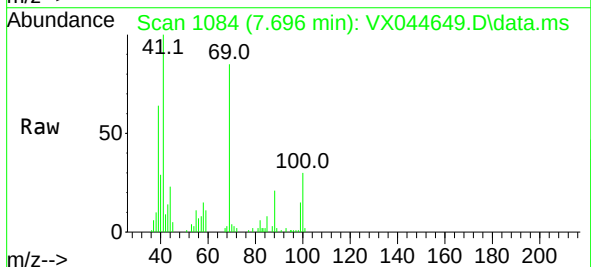
Tgt Ion: 83 Resp: 18964
Ion Ratio Lower Upper
83 100
85 57.7 50.1 75.1
127 7.5 6.5 9.7

Manual Integrations
APPROVED

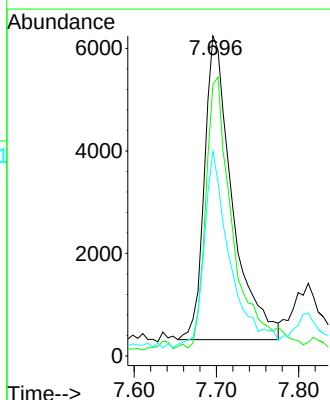
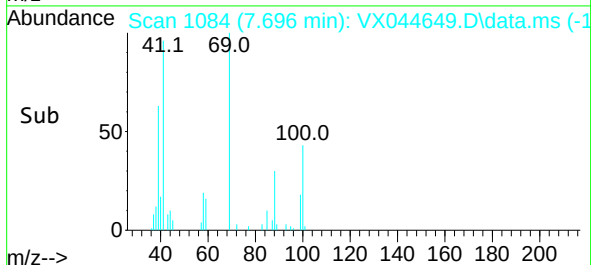
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

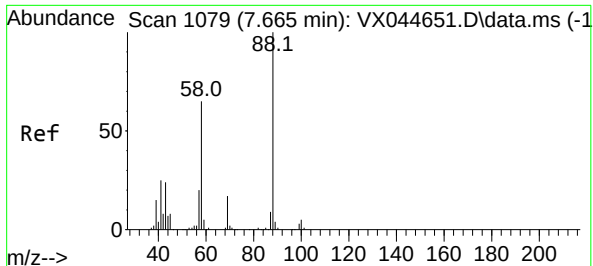


#48
Methyl methacrylate
Concen: 4.844 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion: 41 Resp: 13933
Ion Ratio Lower Upper
41 100
69 86.9 66.8 100.2
39 60.6 47.4 71.0





#49

1,4-Dioxane

Concen: 94.542 ug/l

RT: 7.677 min Scan# 1079

Delta R.T. 0.012 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 88 Resp: 5674

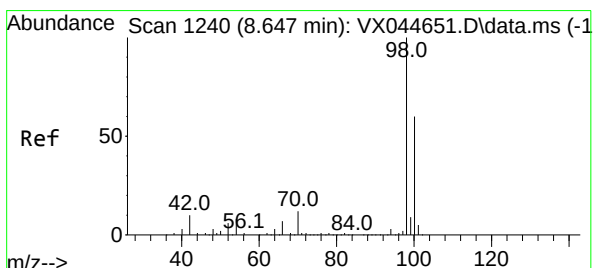
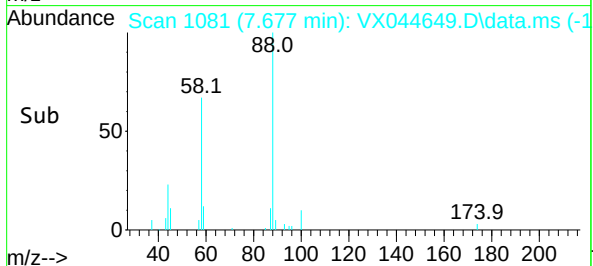
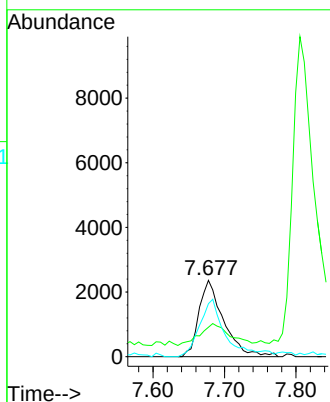
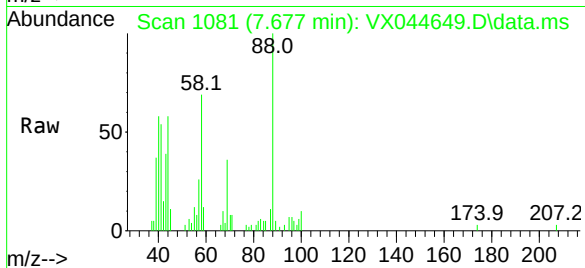
Ion	Ratio	Lower	Upper
88	100		
43	34.3	27.0	40.4
58	74.9	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#50

Toluene-d8

Concen: 5.733 ug/l

RT: 8.647 min Scan# 1240

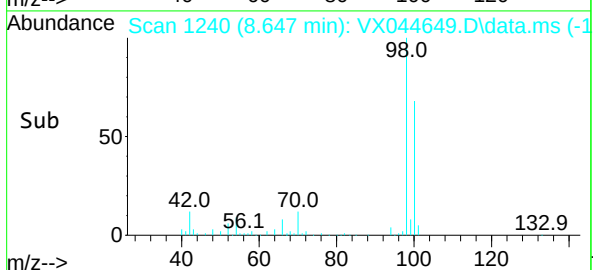
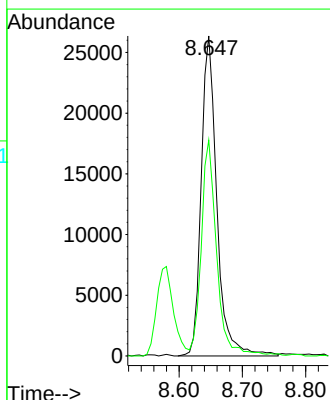
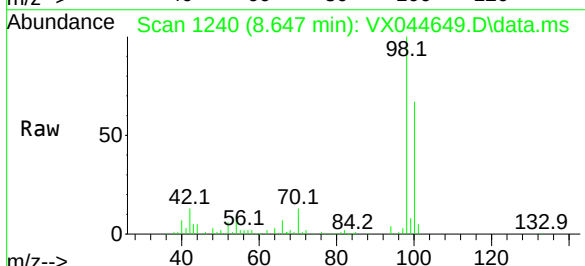
Delta R.T. 0.000 min

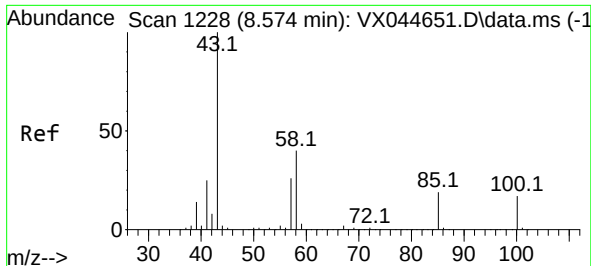
Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Tgt Ion: 98 Resp: 45425

Ion	Ratio	Lower	Upper
98	100		
100	64.1	53.2	79.8





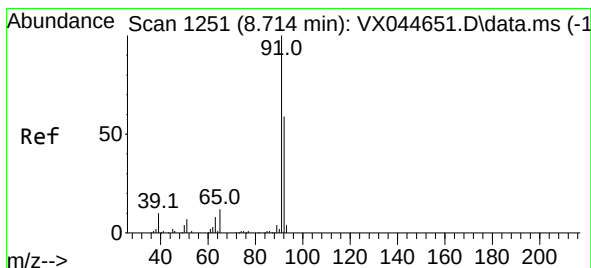
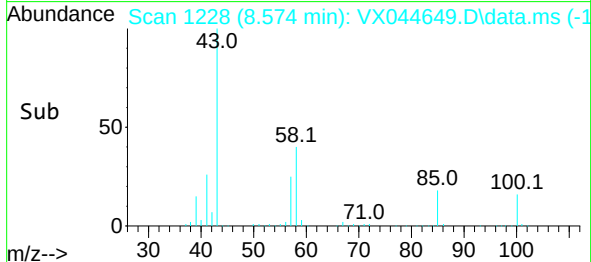
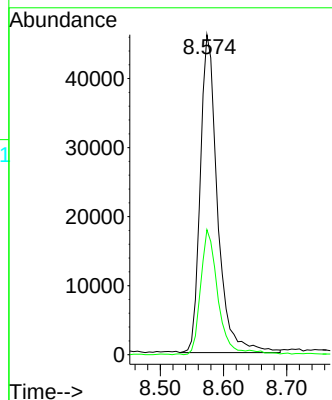
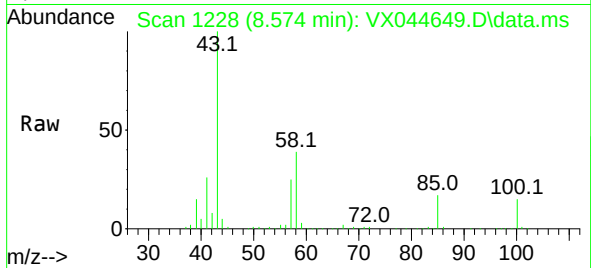
#51
4-Methyl-2-Pentanone
Concen: 25.551 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 8750
Ion Ratio Lower Upper
43 100
58 38.4 31.9 47.9

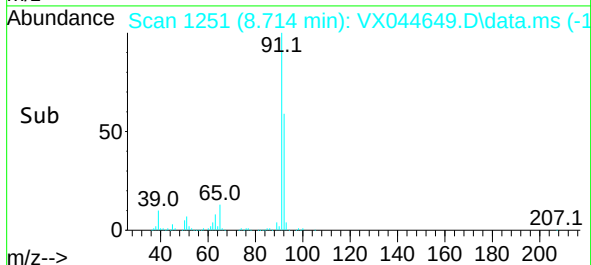
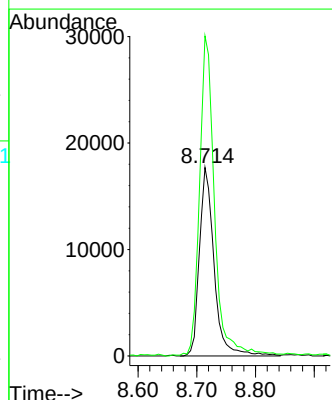
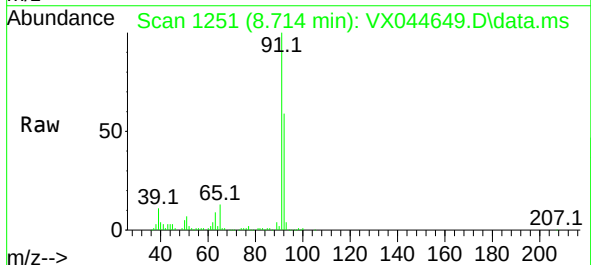
Manual Integrations
APPROVED

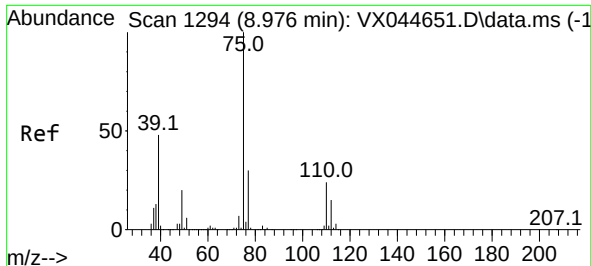
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#52
Toluene
Concen: 5.149 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

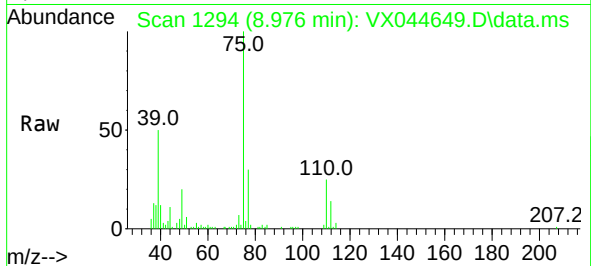
Tgt Ion: 92 Resp: 30892
Ion Ratio Lower Upper
92 100
91 173.3 135.7 203.5





#53
t-1,3-Dichloropropene
Concen: 4.954 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

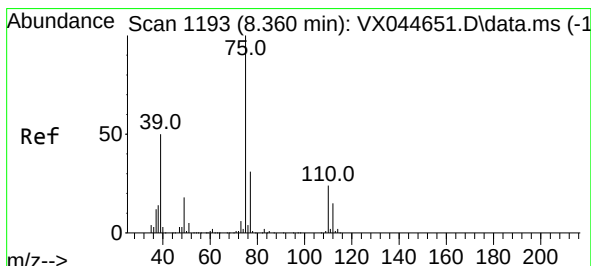
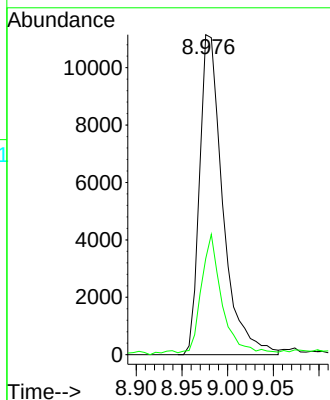
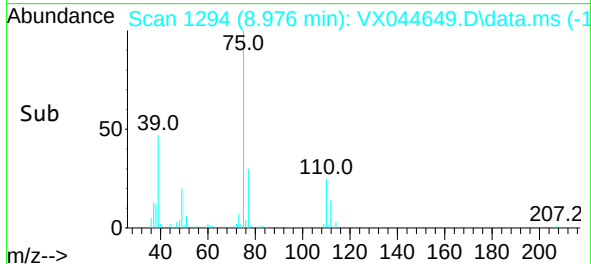
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



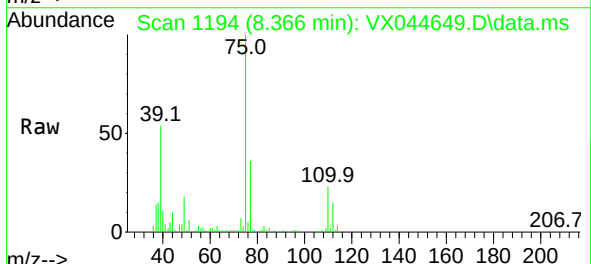
Tgt Ion: 75 Resp: 19714
Ion Ratio Lower Upper
75 100
77 29.4 24.4 36.6

Manual Integrations
APPROVED

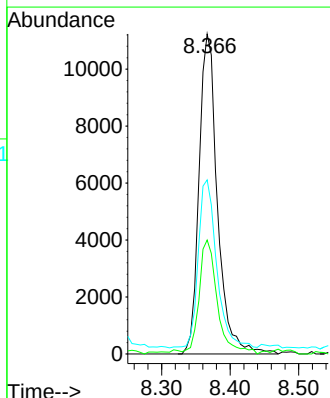
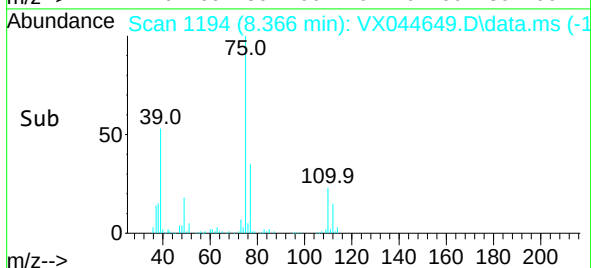
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

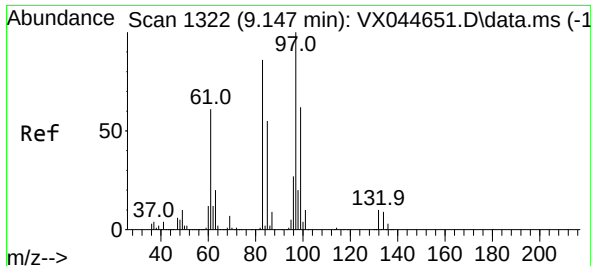


#54
cis-1,3-Dichloropropene
Concen: 4.879 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



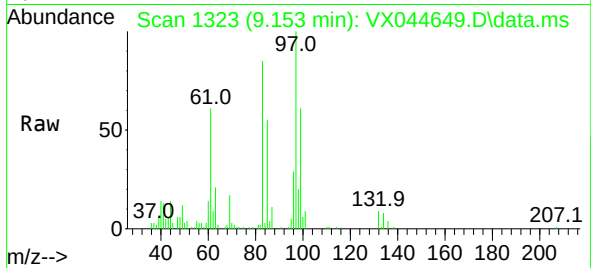
Tgt Ion: 75 Resp: 21054
Ion Ratio Lower Upper
75 100
77 34.6 25.1 37.7
39 52.2 40.3 60.5





#55
1,1,2-Trichloroethane
Concen: 5.037 ug/l
RT: 9.153 min Scan# 1322
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

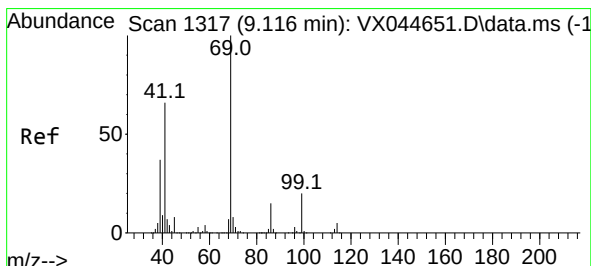
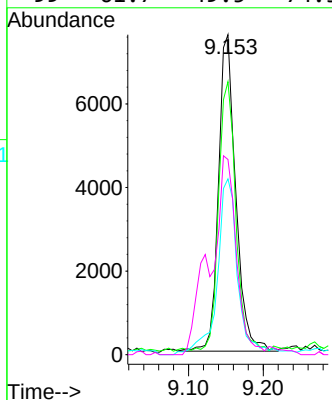
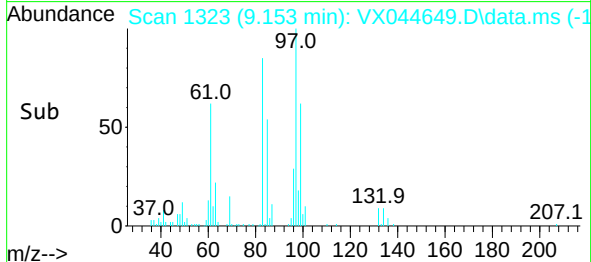
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



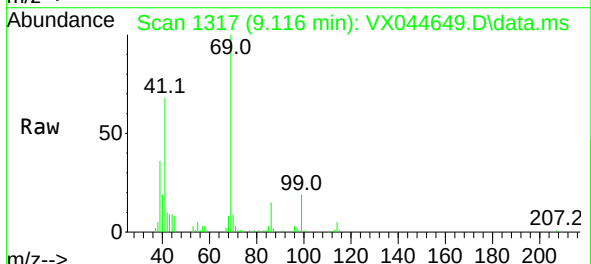
Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.8	103.2
85	54.6	43.7	65.5
99	61.7	49.5	74.3

Manual Integrations
APPROVED

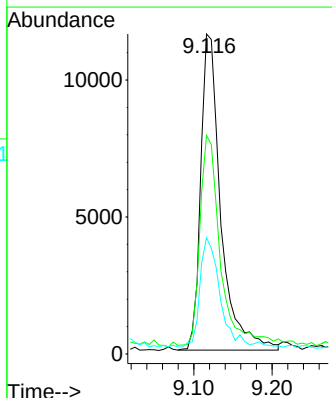
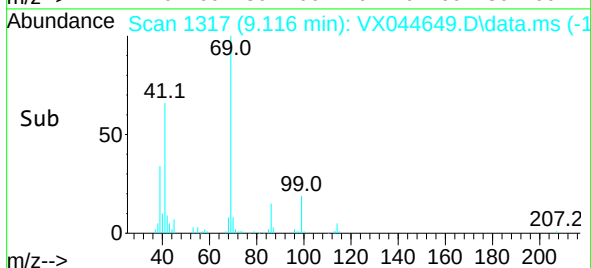
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

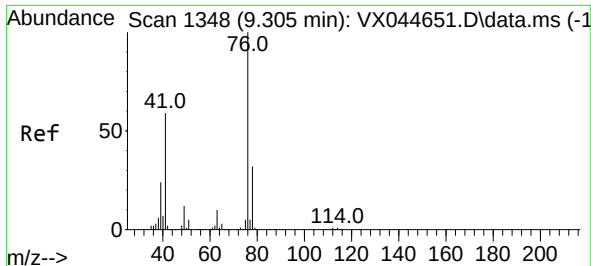


#56
Ethyl methacrylate
Concen: 4.935 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.9	53.2	79.8
39	33.8	30.2	45.2





#57

1,3-Dichloropropane

Concen: 5.142 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

Tgt Ion: 76 Resp: 2125

Ion Ratio Lower Upper

76 100

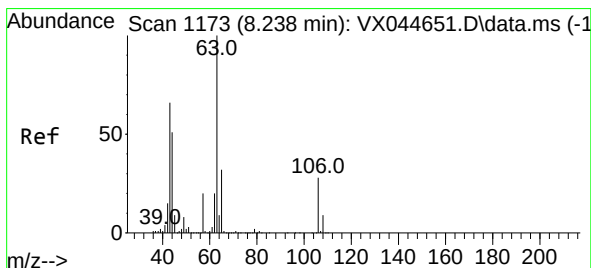
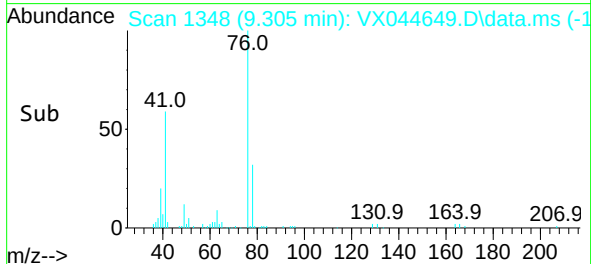
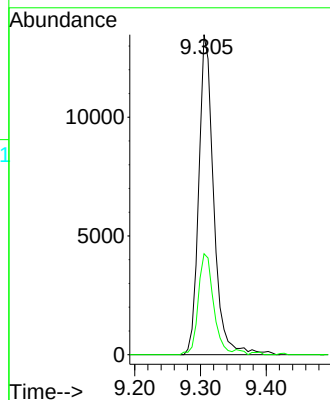
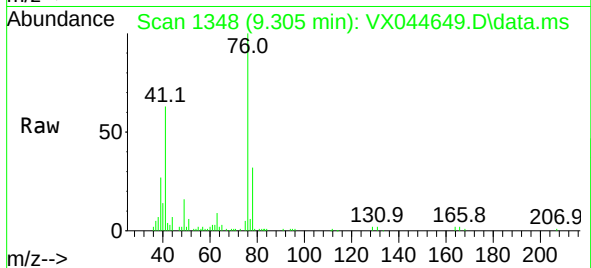
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#58

2-Chloroethyl Vinyl ether

Concen: 24.557 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX044649.D

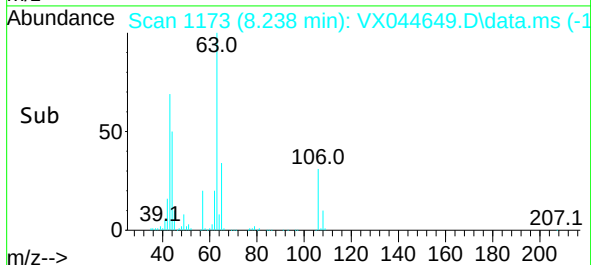
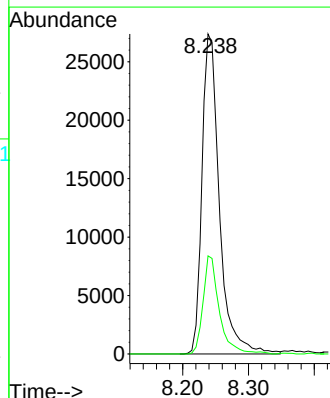
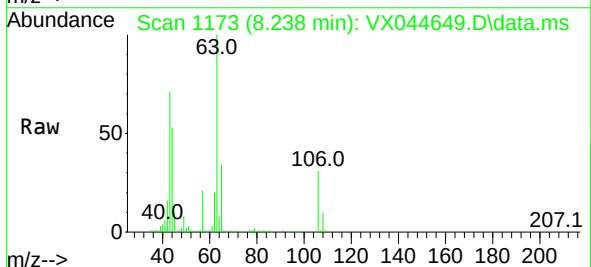
Acq: 15 Jan 2025 11:17

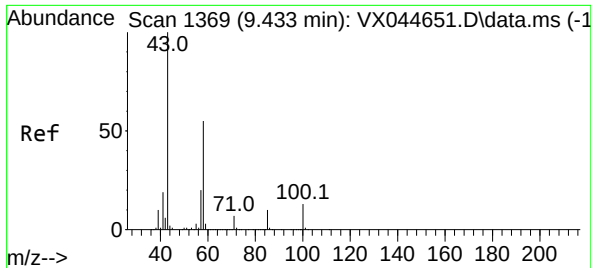
Tgt Ion: 63 Resp: 50319

Ion Ratio Lower Upper

63 100

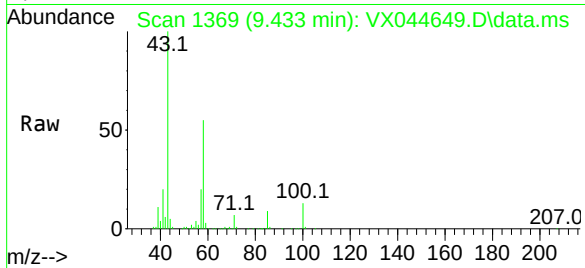
106 28.7 23.0 34.6





#59
2-Hexanone
Concen: 25.395 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

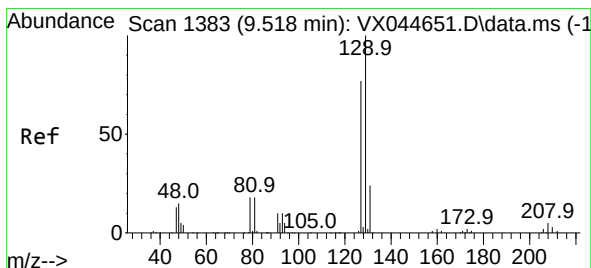
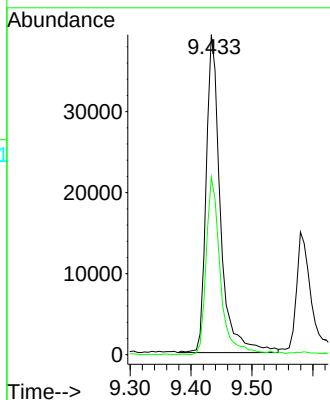
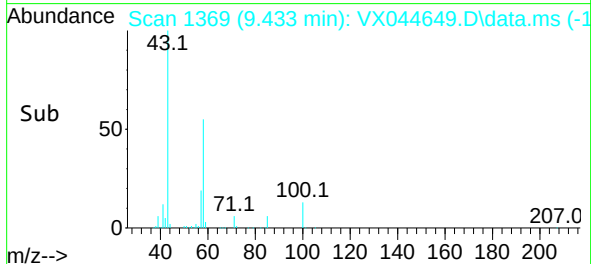
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



Tgt Ion: 43 Resp: 6398
Ion Ratio Lower Upper
43 100
58 55.5 27.8 83.3

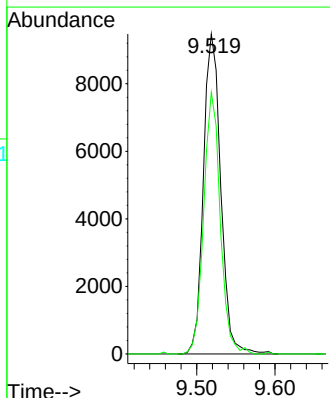
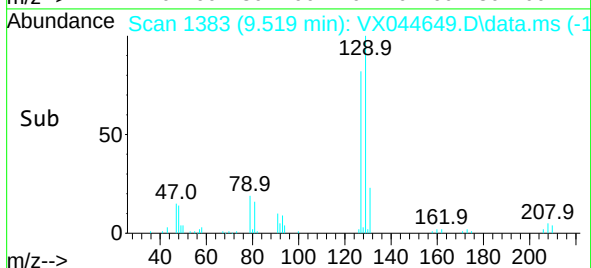
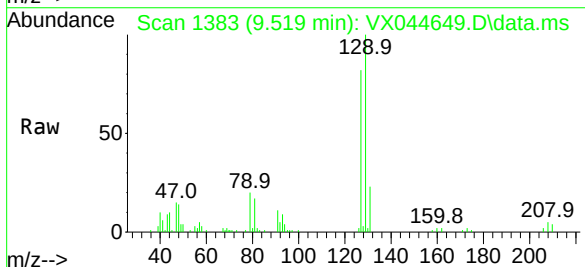
Manual Integrations
APPROVED

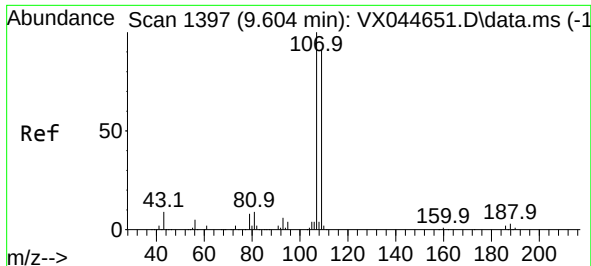
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#60
Dibromochloromethane
Concen: 5.108 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

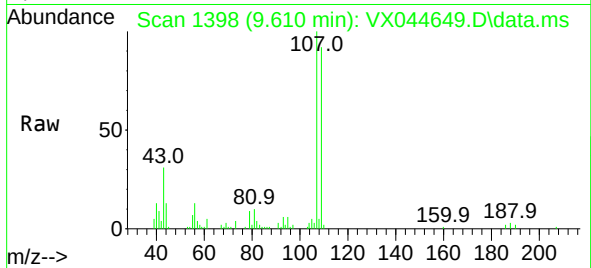
Tgt Ion:129 Resp: 14553
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61
1,2-Dibromoethane
Concen: 5.077 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

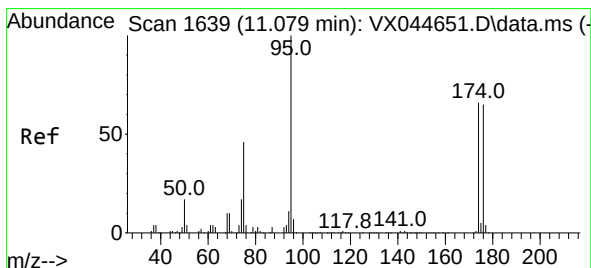
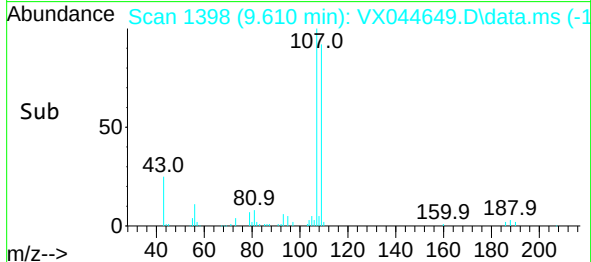
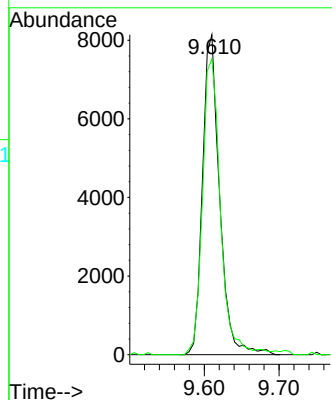
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:107 Resp: 12910
Ion Ratio Lower Upper
107 100
109 97.2 75.3 112.9

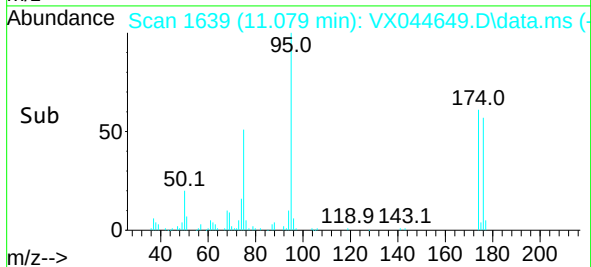
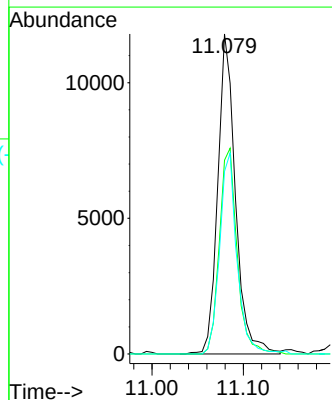
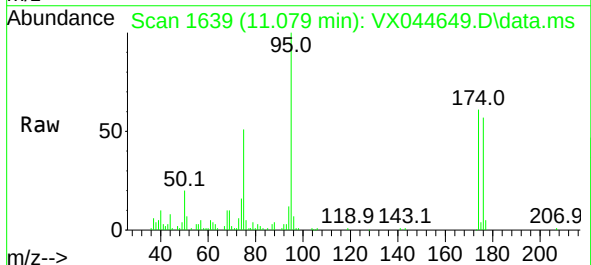
Manual Integrations
APPROVED

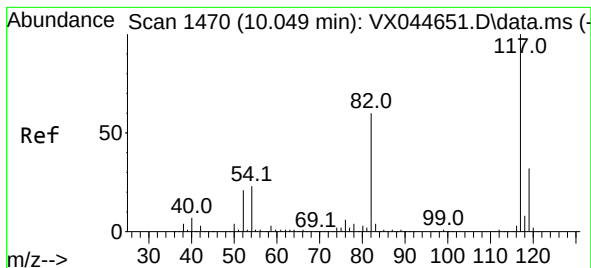
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#62
4-Bromofluorobenzene
Concen: 5.386 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

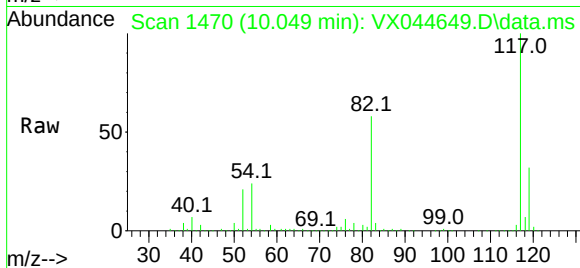
Tgt Ion: 95 Resp: 15909
Ion Ratio Lower Upper
95 100
174 64.6 0.0 133.0
176 61.6 0.0 129.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

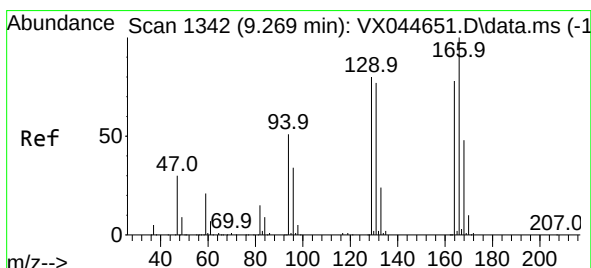
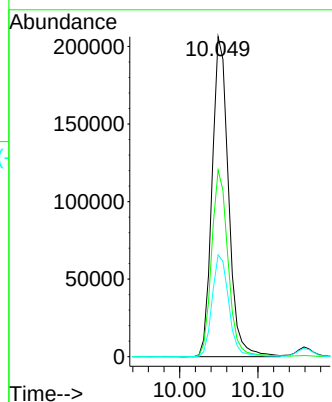
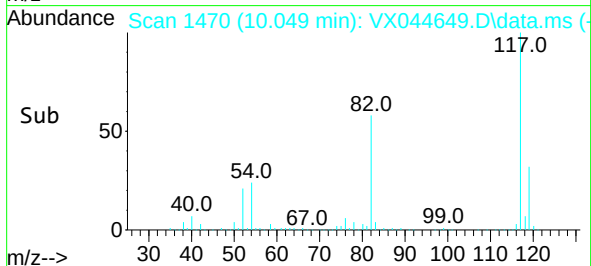
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



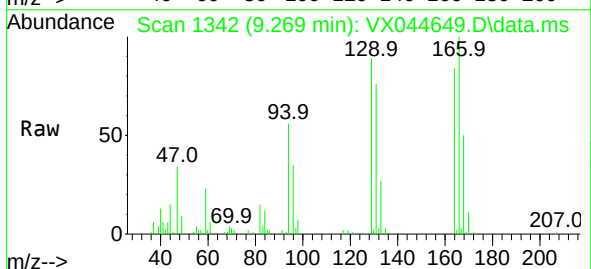
Tgt Ion:117 Resp: 30016
Ion Ratio Lower Upper
117 100
82 58.3 47.6 71.4
119 31.9 25.4 38.2

Manual Integrations
APPROVED

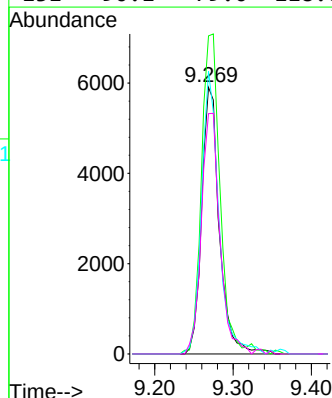
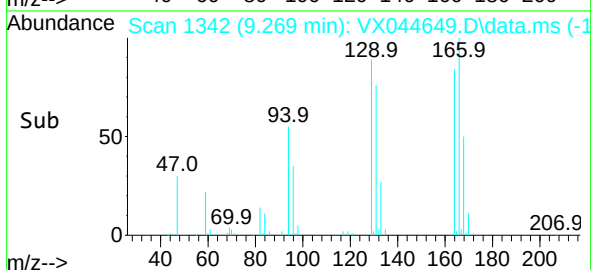
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

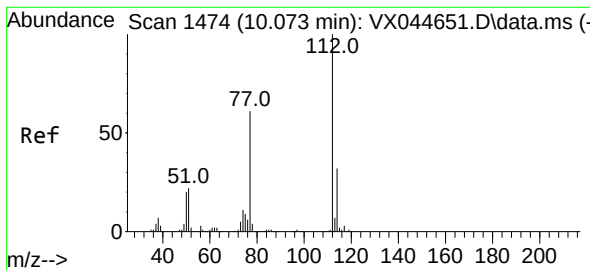


#64
Tetrachloroethene
Concen: 4.920 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion:164 Resp: 9274
Ion Ratio Lower Upper
164 100
166 119.3 102.0 153.0
129 106.0 81.1 121.7
131 90.1 79.0 118.6





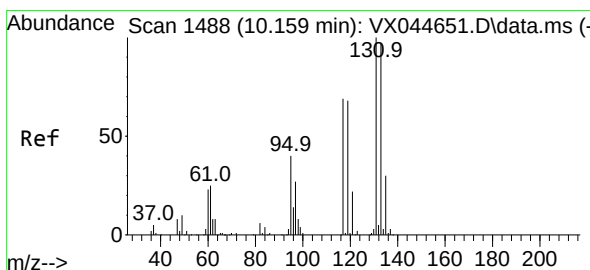
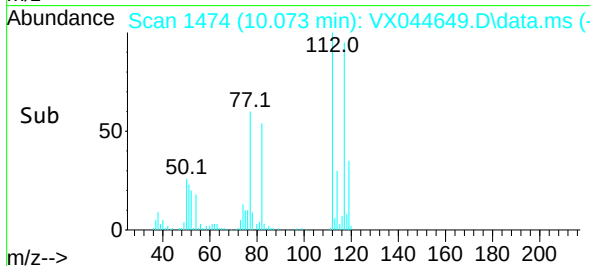
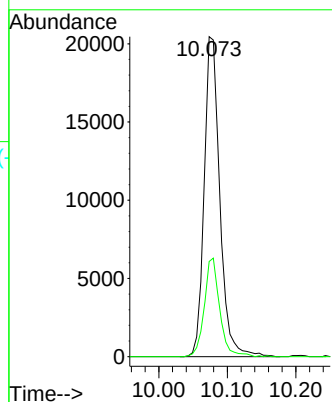
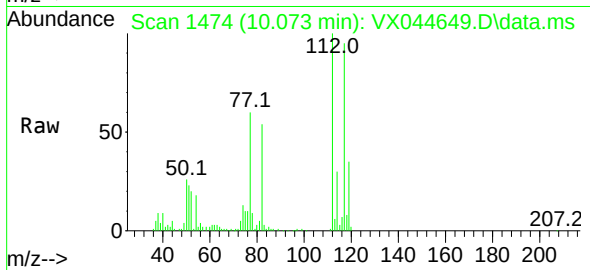
#65
Chlorobenzene
Concen: 5.109 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 3257
Ion Ratio Lower Upper
112 100
114 29.8 25.3 37.9

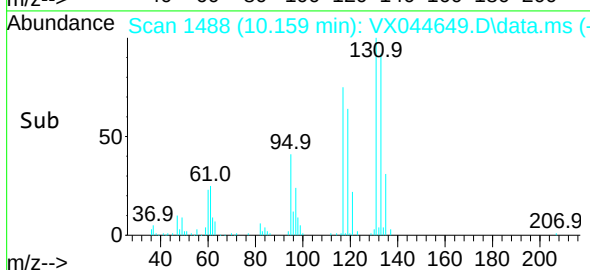
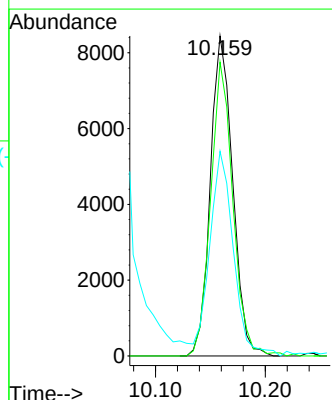
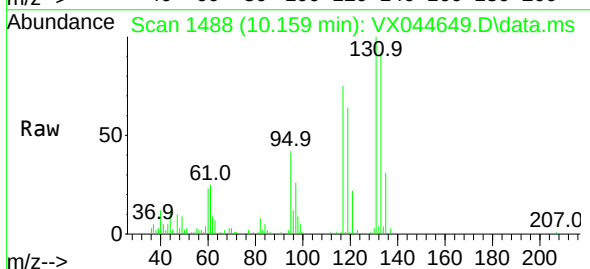
Manual Integrations
APPROVED

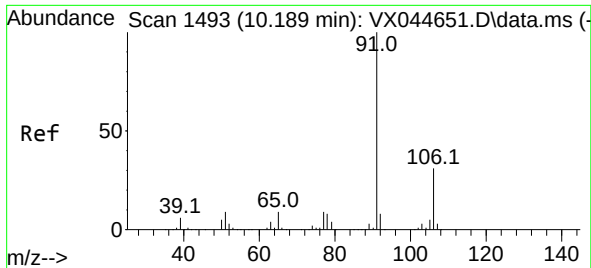
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 5.160 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

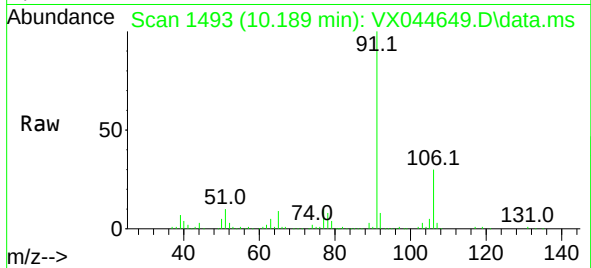
Tgt Ion:131 Resp: 11955
Ion Ratio Lower Upper
131 100
133 91.8 47.8 143.3
119 67.1 33.4 100.2





#67
Ethyl Benzene
Concen: 4.963 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

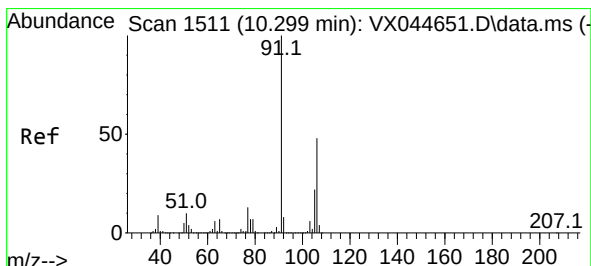
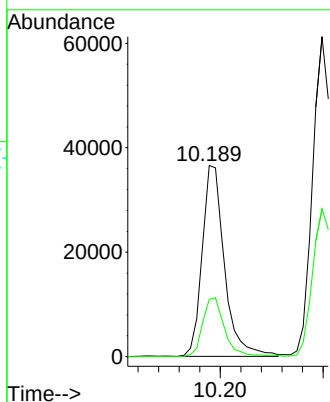
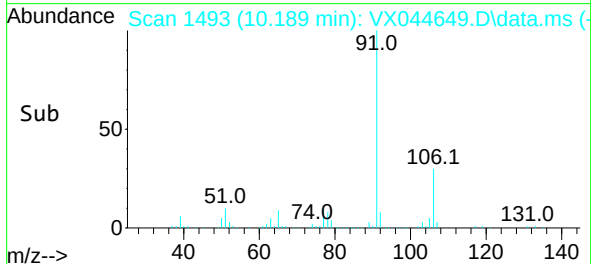
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



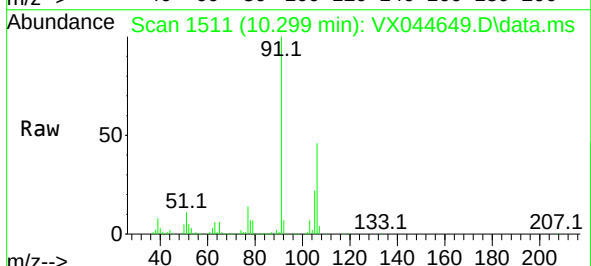
Tgt Ion: 91 Resp: 55208
Ion Ratio Lower Upper
91 100
106 30.0 25.0 37.6

Manual Integrations
APPROVED

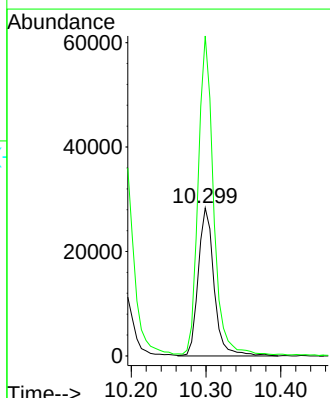
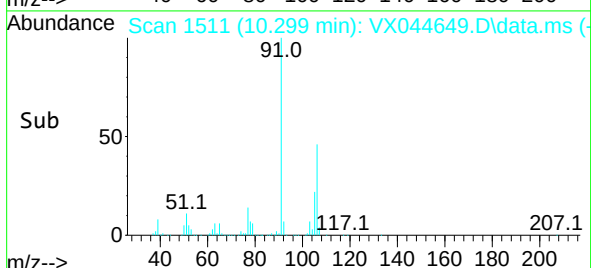
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

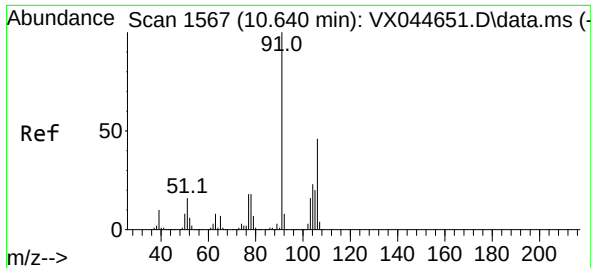


#68
m/p-Xylenes
Concen: 10.129 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion:106 Resp: 41816
Ion Ratio Lower Upper
106 100
91 206.3 166.4 249.6





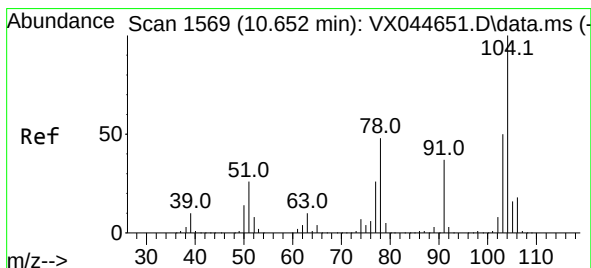
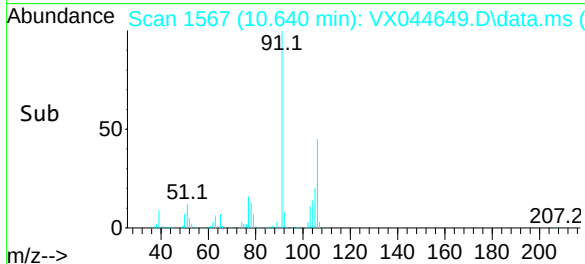
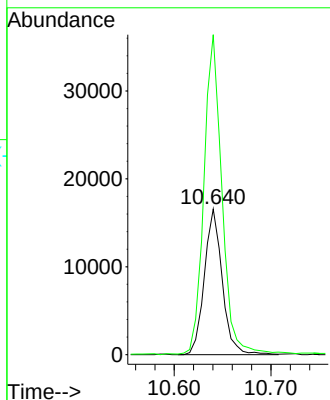
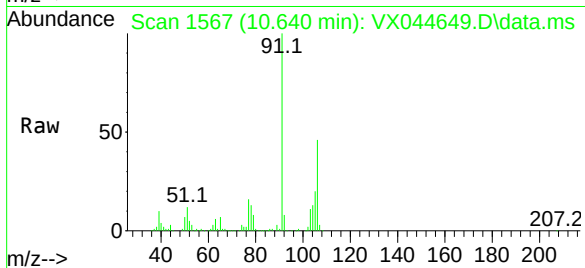
#69
o-Xylene
Concen: 5.124 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 21392
Ion Ratio Lower Upper
106 100
91 223.1 108.7 326.3

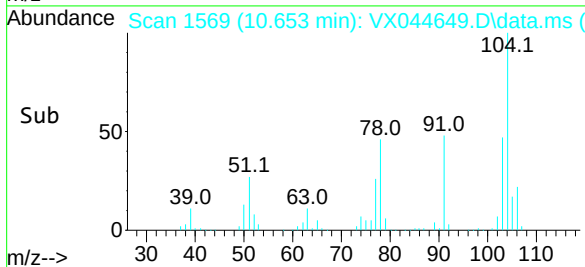
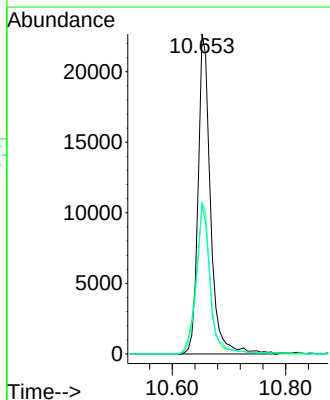
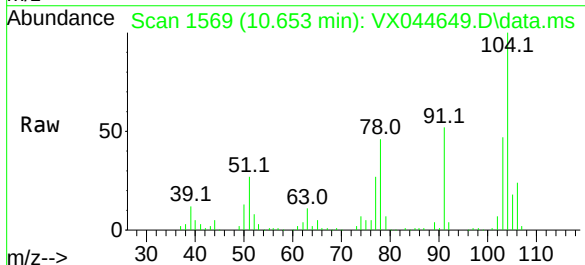
Manual Integrations
APPROVED

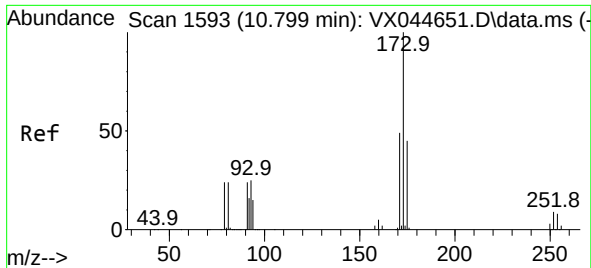
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#70
Styrene
Concen: 5.105 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

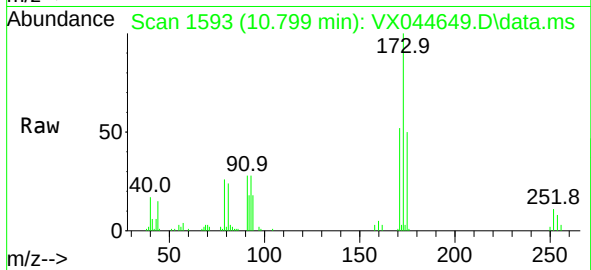
Tgt Ion:104 Resp: 34407
Ion Ratio Lower Upper
104 100
78 52.8 43.0 64.6
103 52.7 43.4 65.2





#71
Bromoform
Concen: 5.012 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

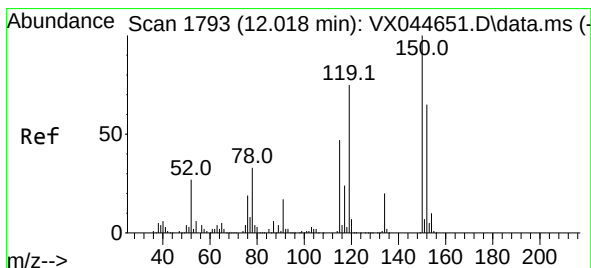
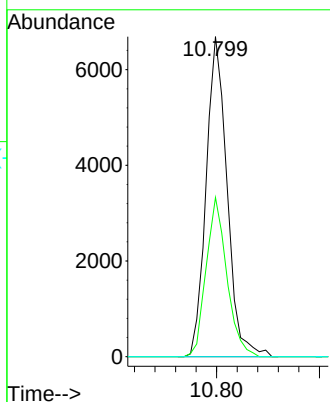
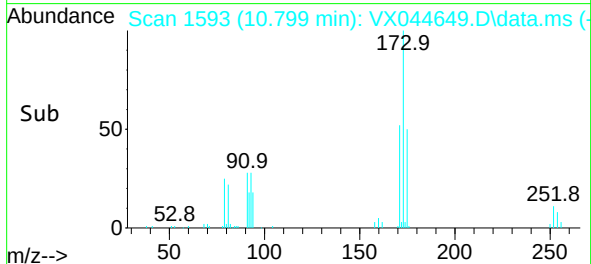
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



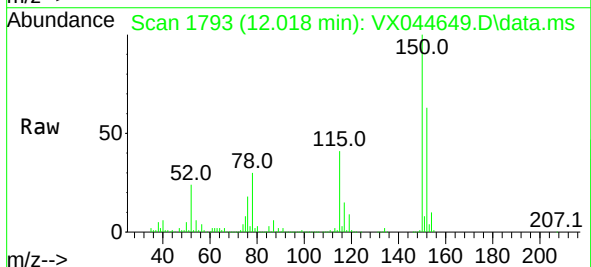
Tgt Ion:173 Resp: 945
Ion Ratio Lower Upper
173 100
175 49.3 23.6 70.8
254 0.0 0.1 0.1

Manual Integrations
APPROVED

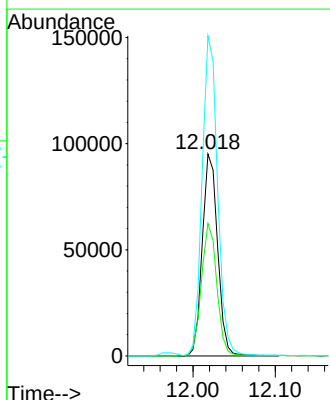
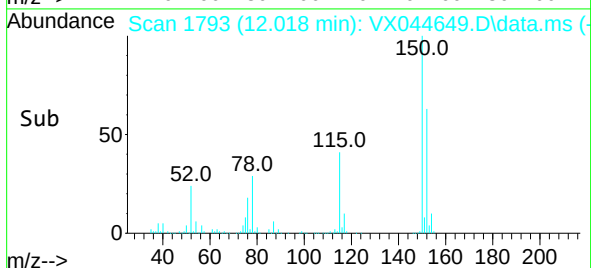
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

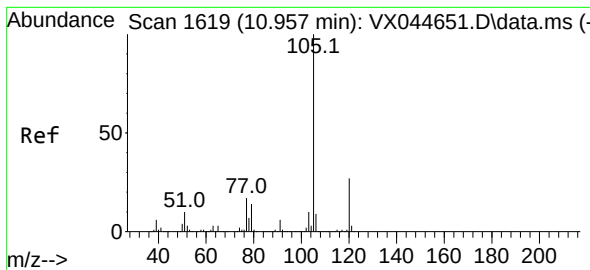


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion:152 Resp: 123491
Ion Ratio Lower Upper
152 100
115 66.3 43.8 131.4
150 158.9 0.0 347.8





#73

Isopropylbenzene

Concen: 5.214 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 5259

Ion Ratio Lower Upper

105 100

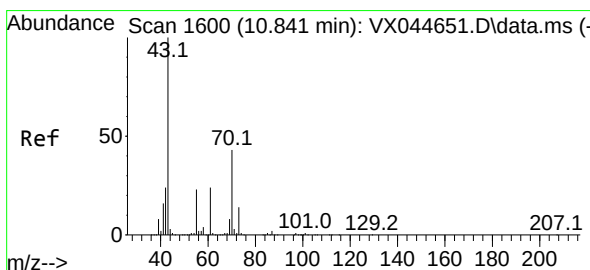
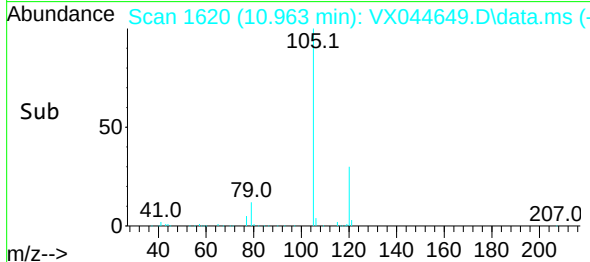
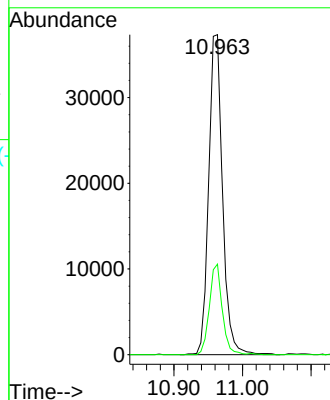
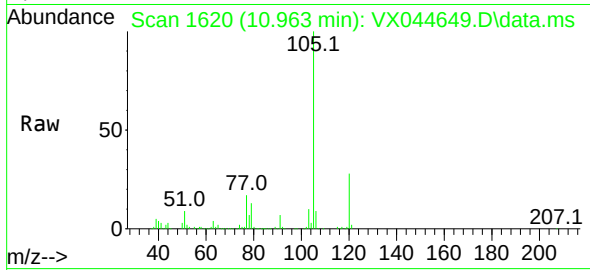
120 26.3 13.2 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/15/2025

Supervised By :Semsettin Yesilyurt 01/16/2025



#74

N-amy1 acetate

Concen: 5.084 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX044649.D

Acq: 15 Jan 2025 11:17

Tgt Ion: 43 Resp: 25282

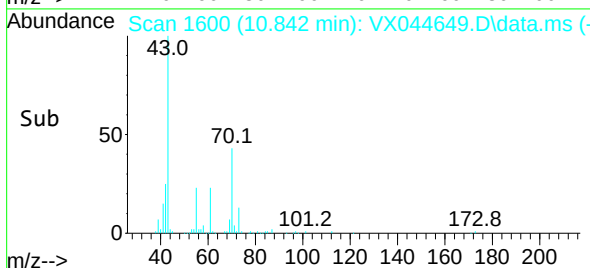
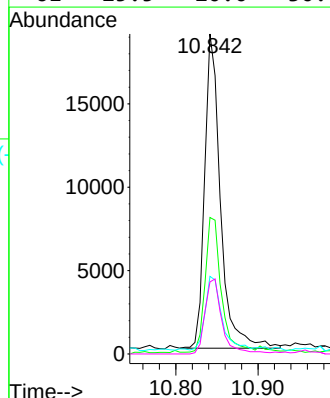
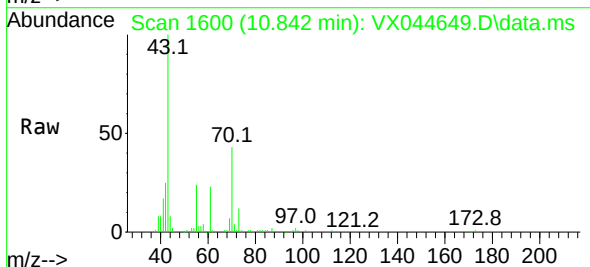
Ion Ratio Lower Upper

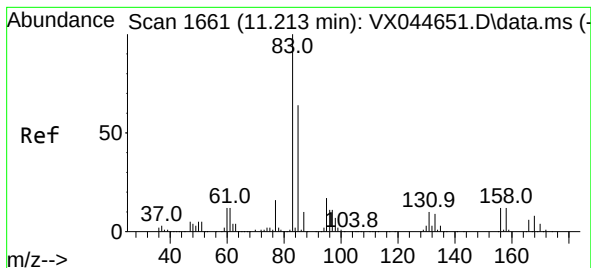
43 100

70 43.3 35.2 52.8

55 25.0 19.0 28.4

61 25.5 20.0 30.0





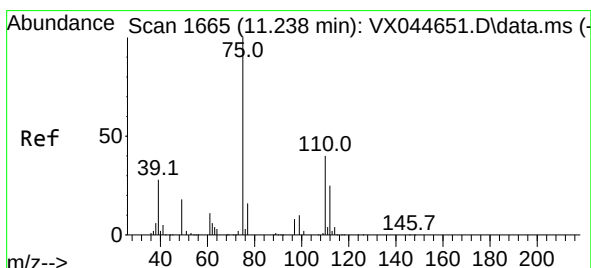
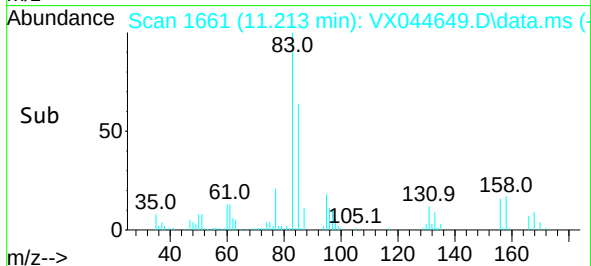
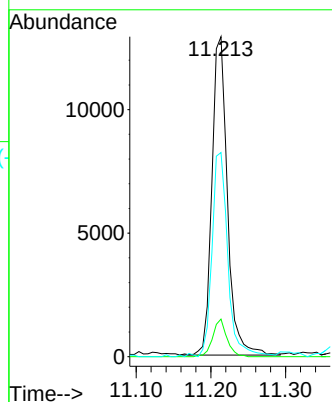
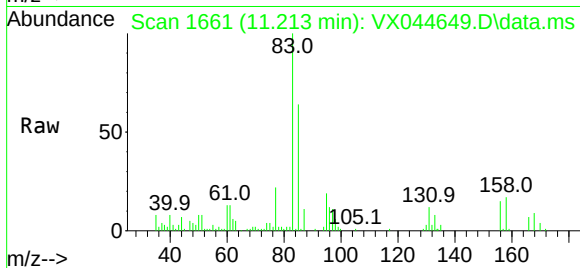
#75
1,1,2,2-Tetrachloroethane
Concen: 5.351 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 1864
Ion Ratio Lower Upper
83 100
131 10.8 5.0 14.9
85 65.7 32.0 96.2

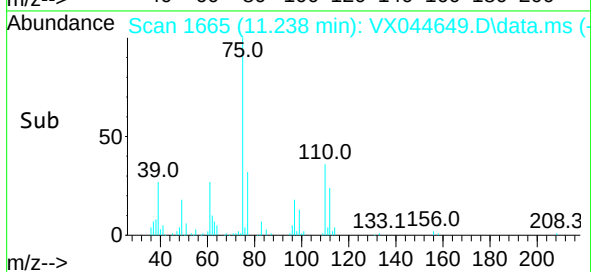
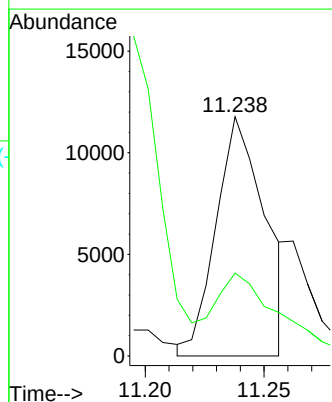
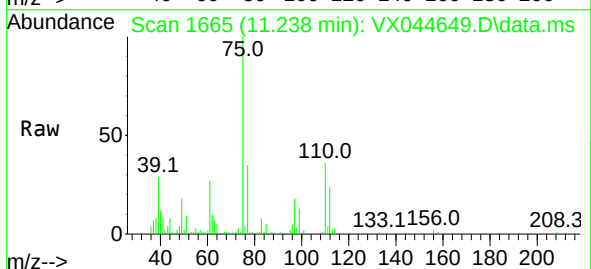
Manual Integrations
APPROVED

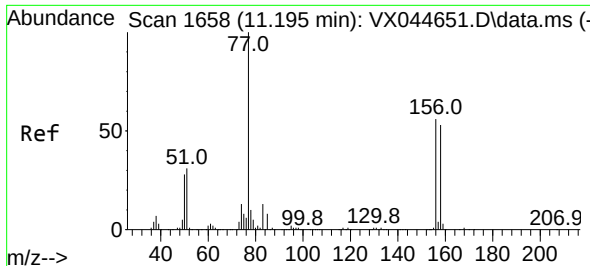
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#76
1,2,3-Trichloropropane
Concen: 5.796 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

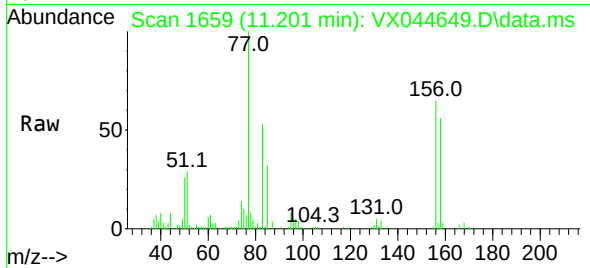
Tgt Ion: 75 Resp: 16903
Ion Ratio Lower Upper
75 100
77 44.4 23.4 70.2





#77
Bromobenzene
Concen: 5.156 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

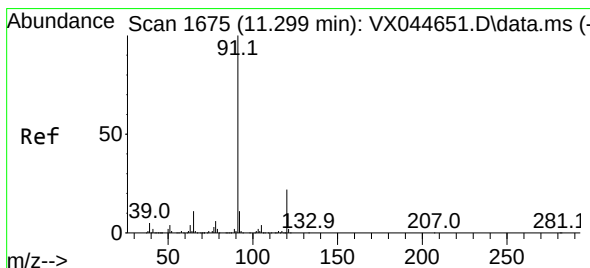
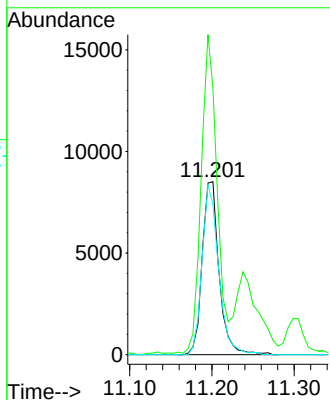
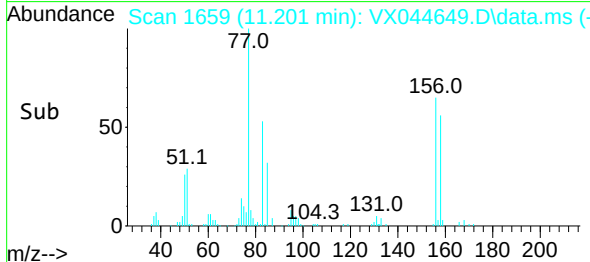
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



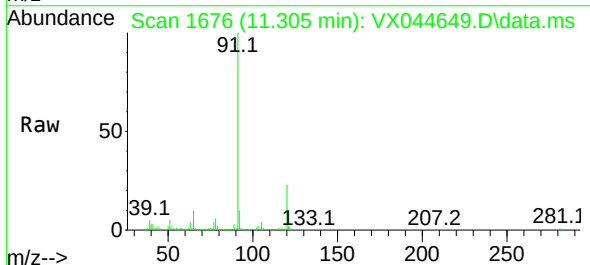
Tgt Ion:156 Resp: 12158
Ion Ratio Lower Upper
156 100
77 172.0 90.3 271.0
158 96.4 48.4 145.3

Manual Integrations
APPROVED

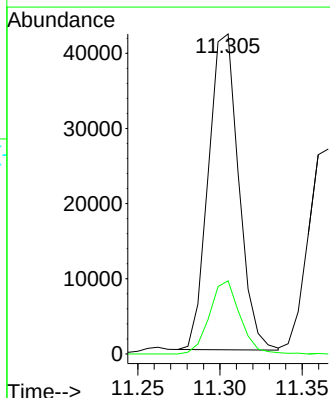
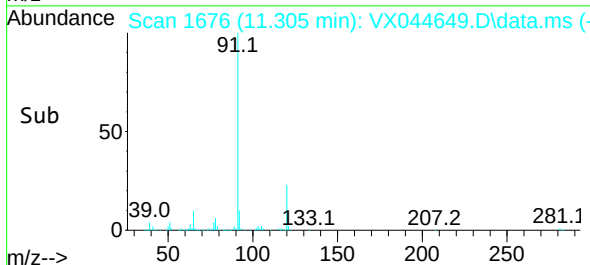
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

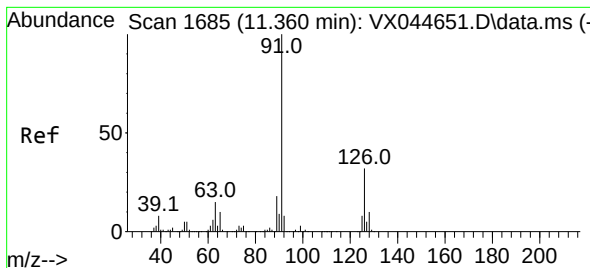


#78
n-propylbenzene
Concen: 4.846 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion: 91 Resp: 53913
Ion Ratio Lower Upper
91 100
120 23.3 11.4 34.1





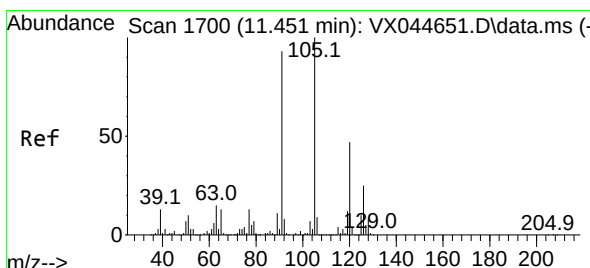
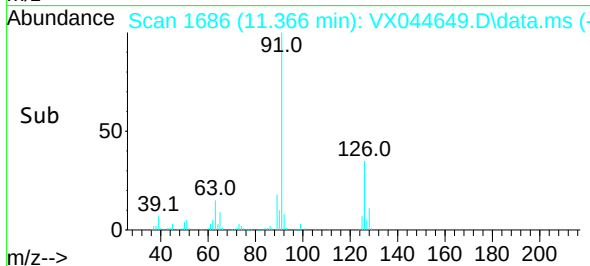
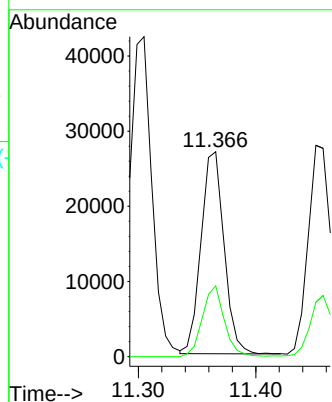
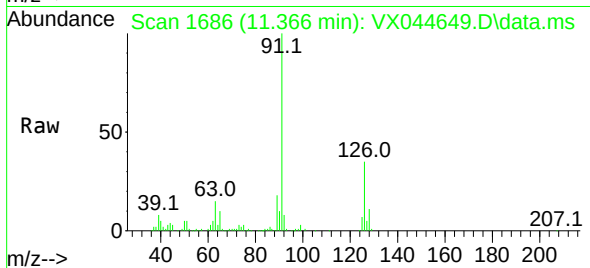
#79
2-Chlorotoluene
Concen: 5.093 ug/l
RT: 11.366 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 36602
Ion Ratio Lower Upper
91 100
126 33.5 16.2 48.5

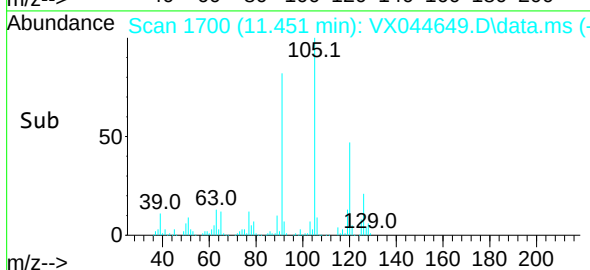
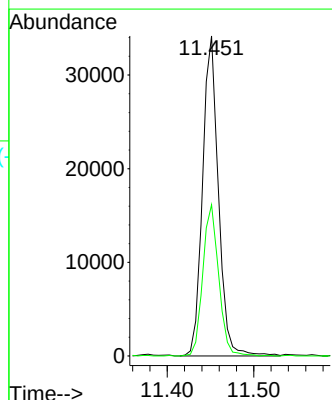
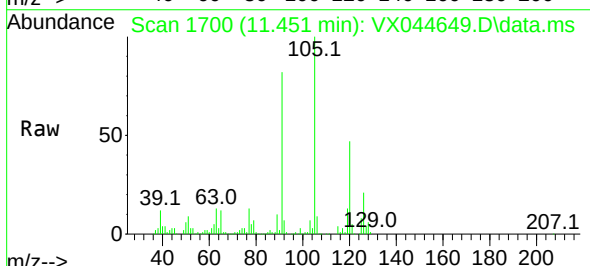
Manual Integrations
APPROVED

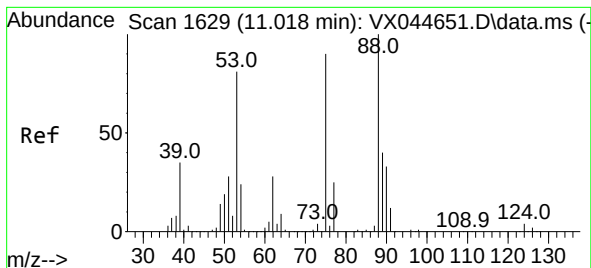
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#80
1,3,5-Trimethylbenzene
Concen: 5.295 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

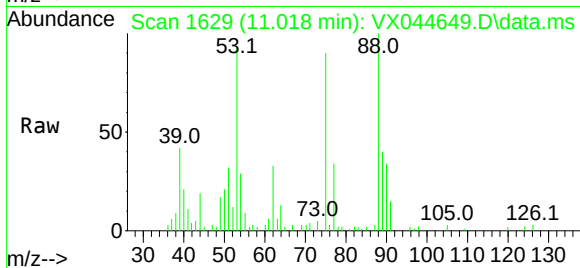
Tgt Ion:105 Resp: 43488
Ion Ratio Lower Upper
105 100
120 47.3 23.7 71.1





#81
trans-1,4-Dichloro-2-butene
Concen: 5.042 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

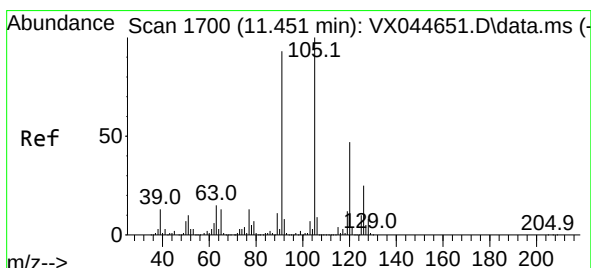
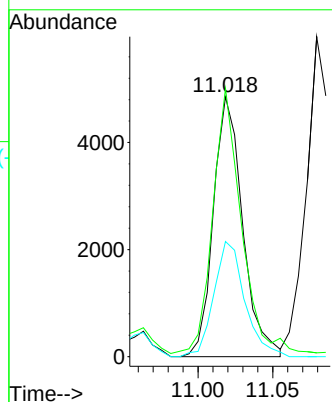
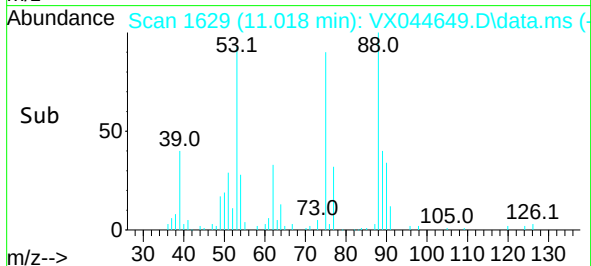
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 660
Ion Ratio Lower Upper
75 100
53 100.4 74.3 111.5
89 46.8 37.4 56.0

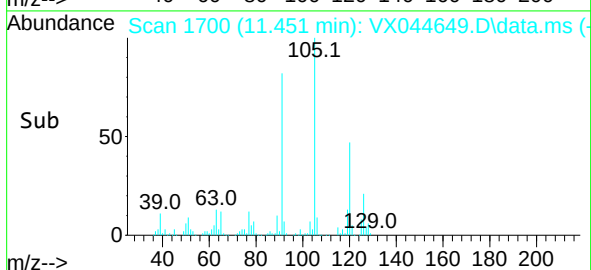
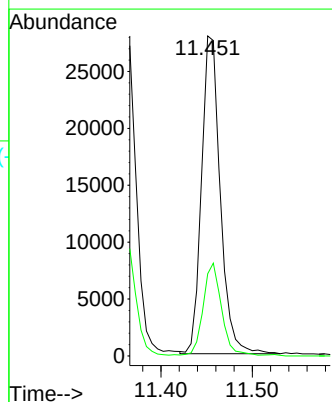
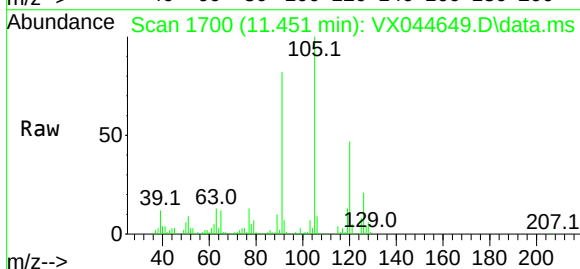
Manual Integrations
APPROVED

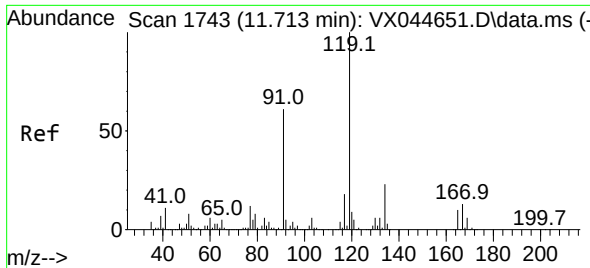
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#82
4-Chlorotoluene
Concen: 5.051 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

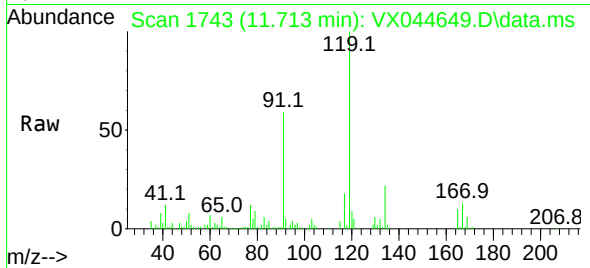
Tgt Ion: 91 Resp: 39763
Ion Ratio Lower Upper
91 100
126 28.1 13.9 41.7





#83
tert-Butylbenzene
Concen: 5.311 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

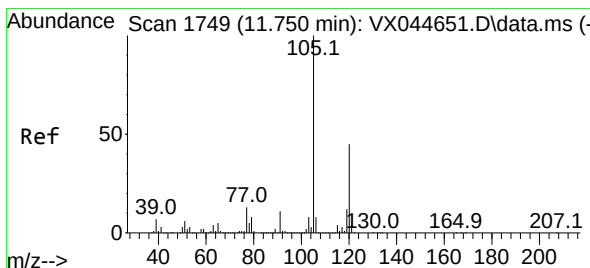
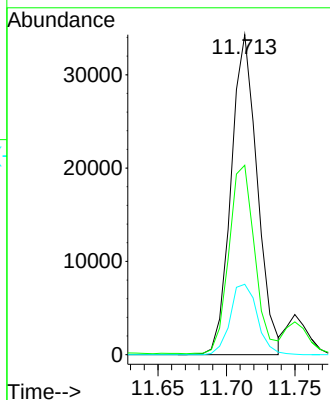
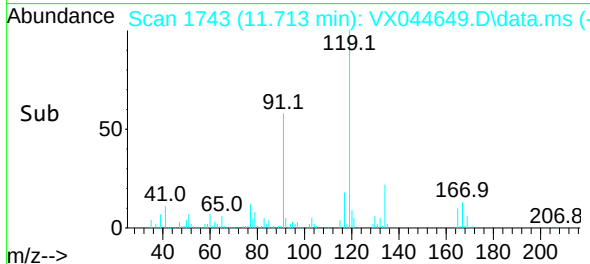
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



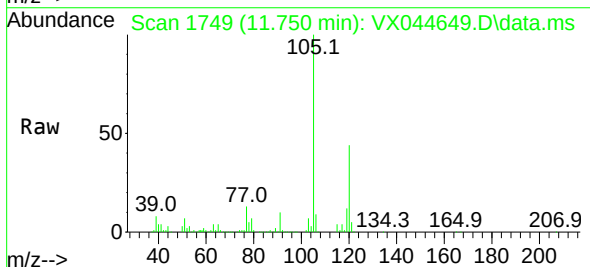
Tgt Ion:119 Resp: 45600
Ion Ratio Lower Upper
119 100
91 58.6 30.0 90.0
134 22.8 11.2 33.5

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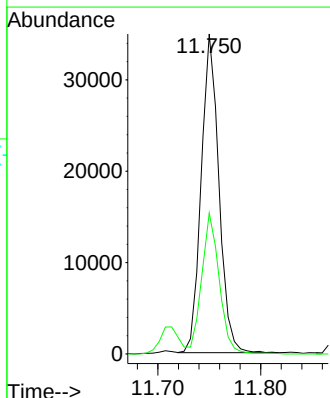
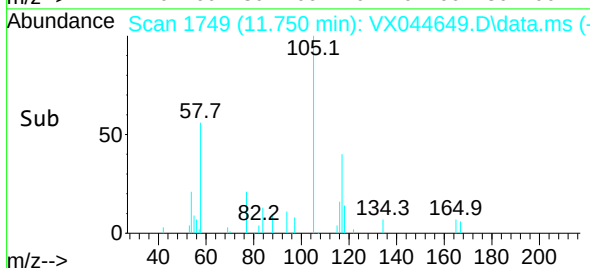
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

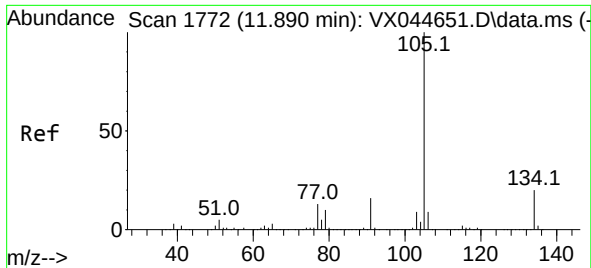


#84
1,2,4-Trimethylbenzene
Concen: 5.001 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion:105 Resp: 41737
Ion Ratio Lower Upper
105 100
120 43.7 22.2 66.6





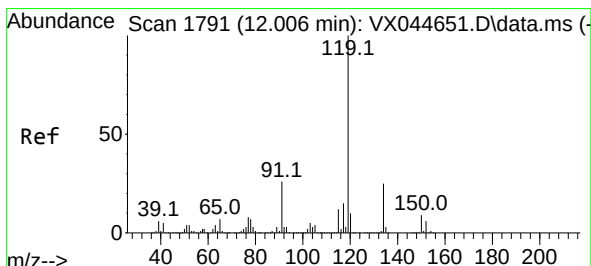
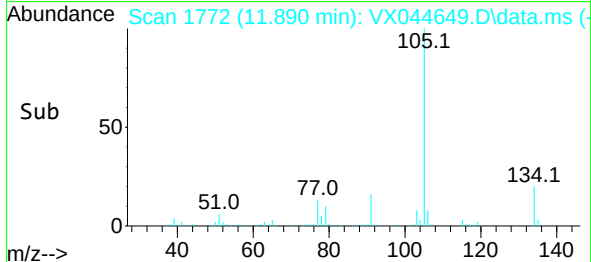
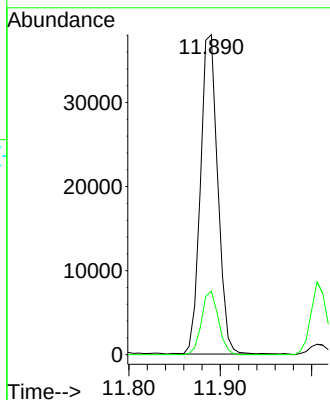
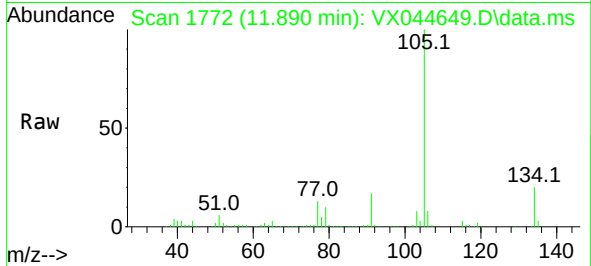
#85
 sec-Butylbenzene
 Concen: 4.987 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044649.D
 Acq: 15 Jan 2025 11:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 4985
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.5

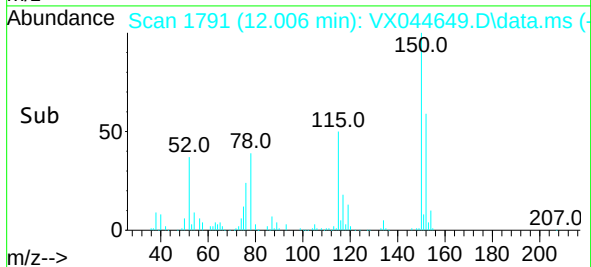
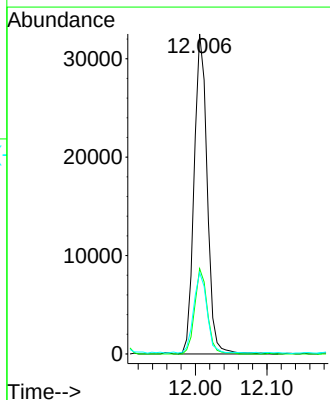
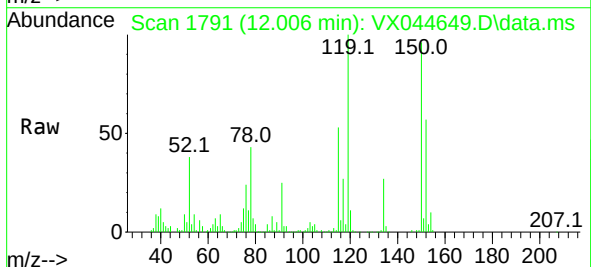
Manual Integrations
 APPROVED

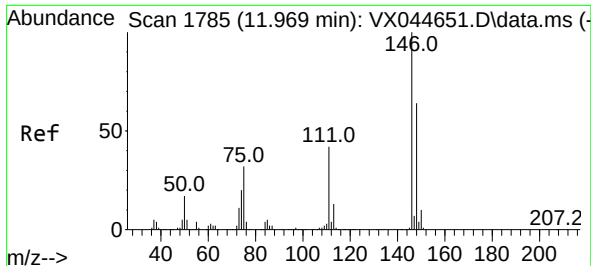
Reviewed By :John Carlone 01/15/2025
 Supervised By :Semsettin Yesilyurt 01/16/2025



#86
 p-Isopropyltoluene
 Concen: 5.016 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044649.D
 Acq: 15 Jan 2025 11:17

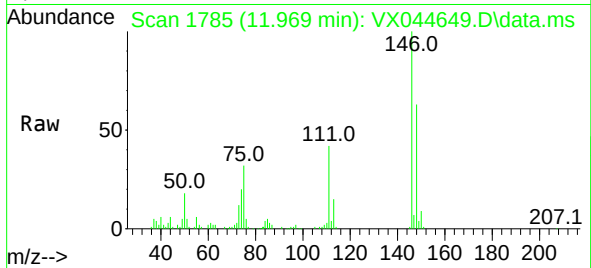
Tgt Ion:119 Resp: 41214
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.8 38.4
 91 25.8 12.7 38.1





#87
1,3-Dichlorobenzene
Concen: 4.956 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

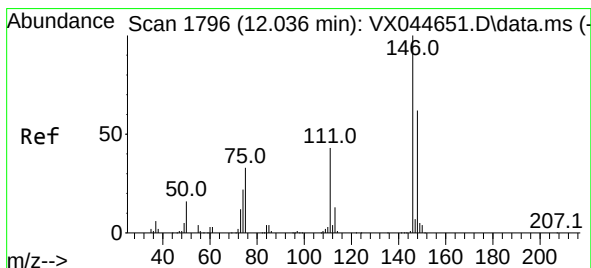
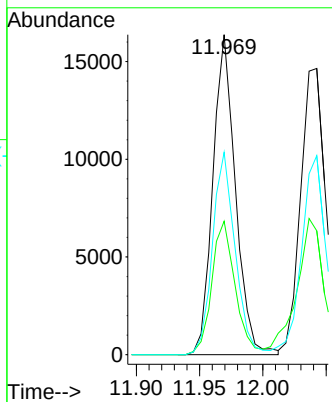
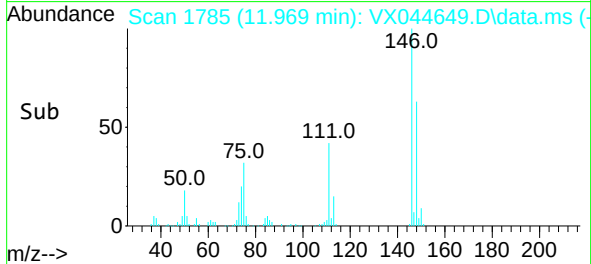
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005



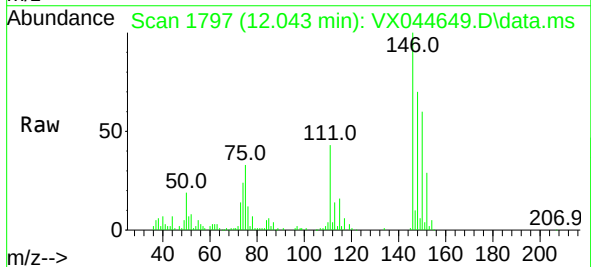
Tgt Ion:146 Resp: 20268
Ion Ratio Lower Upper
146 100
111 43.3 21.9 65.7
148 63.7 31.8 95.4

Manual Integrations
APPROVED

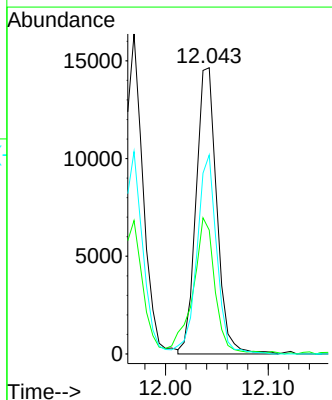
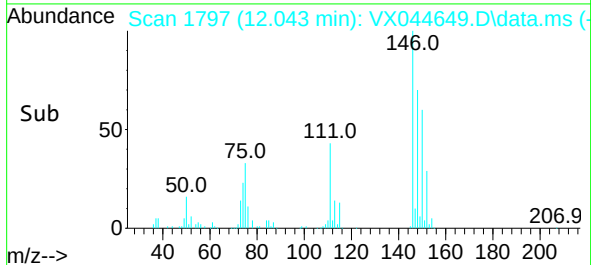
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025

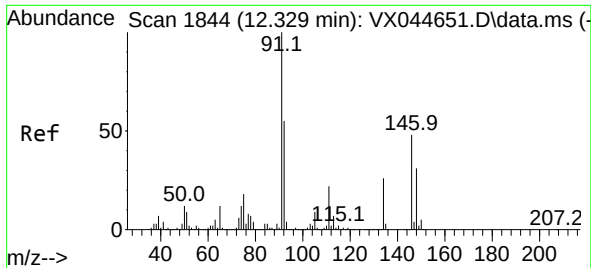


#88
1,4-Dichlorobenzene
Concen: 5.062 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17



Tgt Ion:146 Resp: 20555
Ion Ratio Lower Upper
146 100
111 51.4 21.5 64.5
148 66.7 32.1 96.5





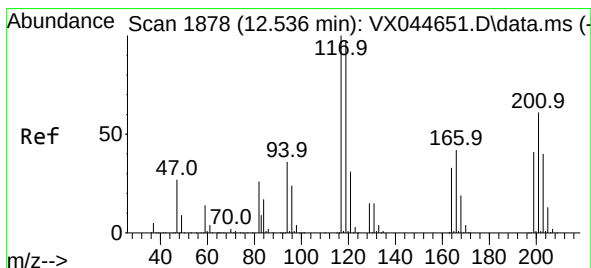
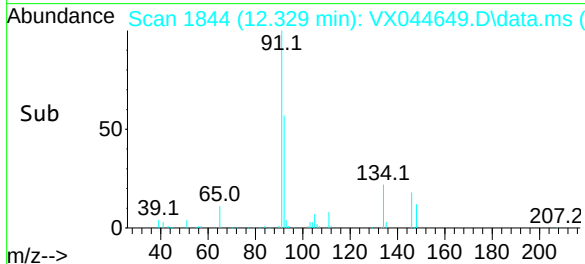
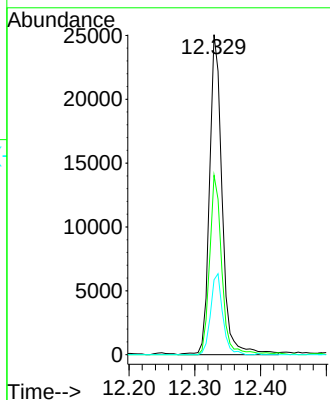
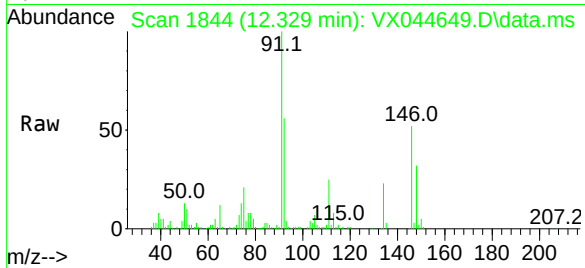
#89
n-Butylbenzene
Concen: 4.747 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 3350
Ion Ratio Lower Upper
91 100
92 53.5 27.4 82.0
134 24.2 12.8 38.3

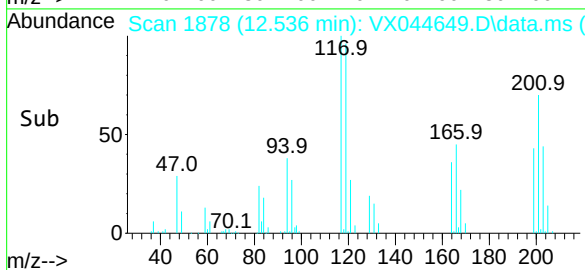
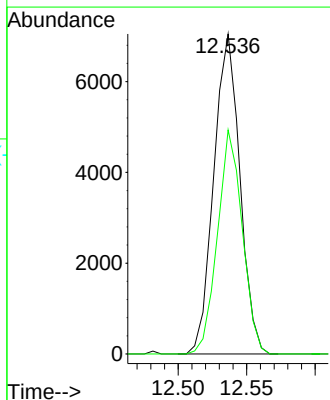
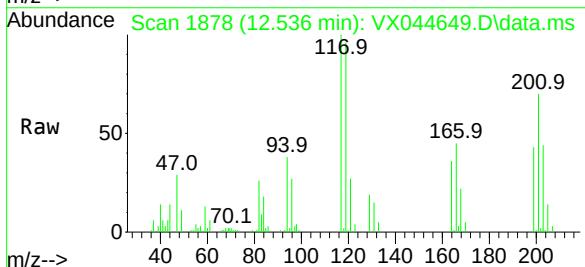
Manual Integrations
APPROVED

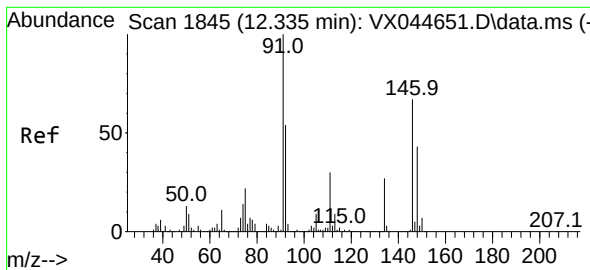
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#90
Hexachloroethane
Concen: 5.012 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

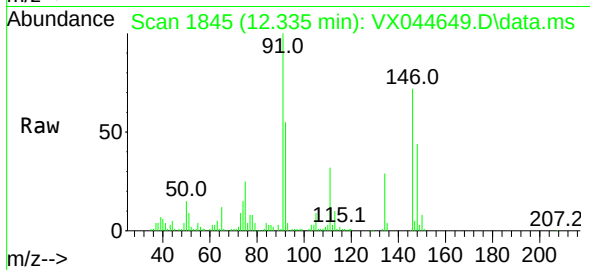
Tgt Ion:117 Resp: 9325
Ion Ratio Lower Upper
117 100
201 66.5 32.3 96.8





#91
1,2-Dichlorobenzene
Concen: 5.165 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

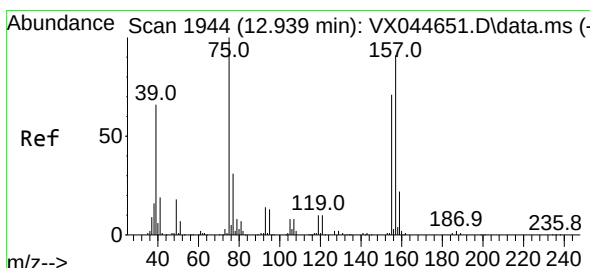
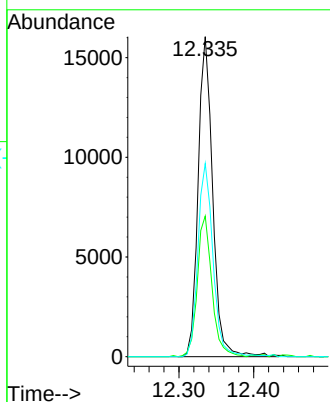
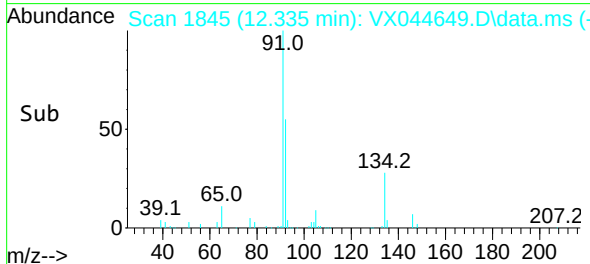
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:146 Resp: 21690
Ion Ratio Lower Upper
146 100
111 44.3 22.4 67.2
148 62.5 31.6 94.8

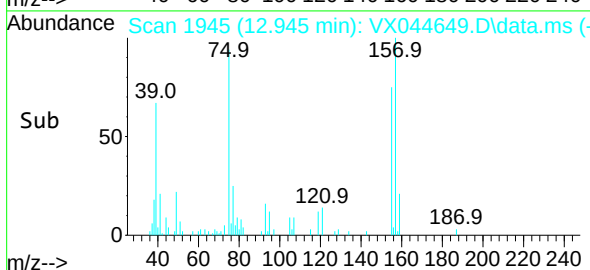
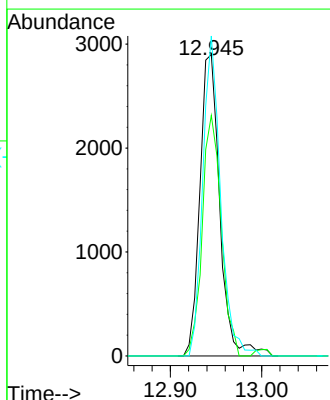
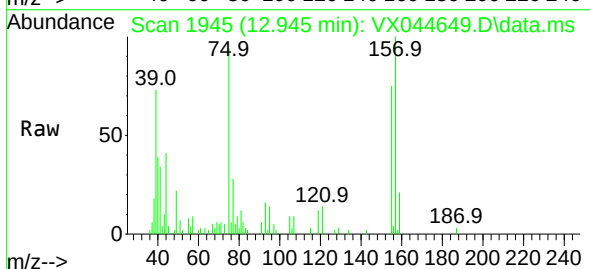
Manual Integrations
APPROVED

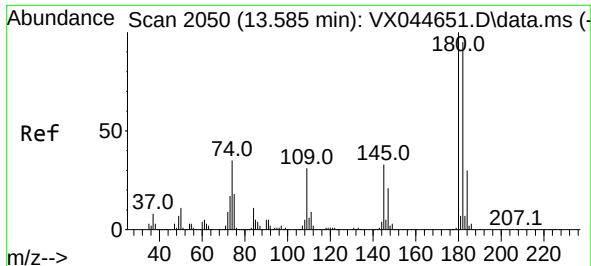
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.145 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Tgt Ion: 75 Resp: 4384
Ion Ratio Lower Upper
75 100
155 76.0 39.0 116.9
157 94.7 49.9 149.7





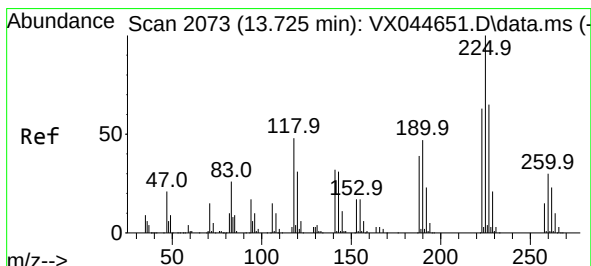
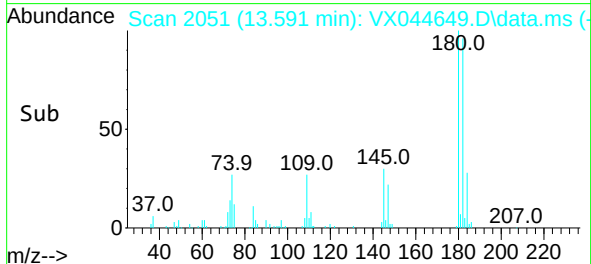
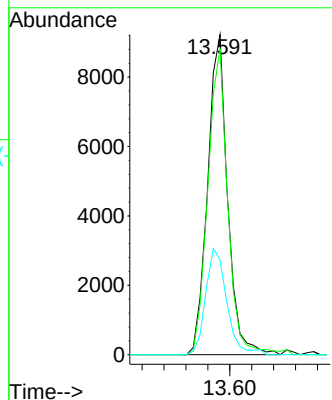
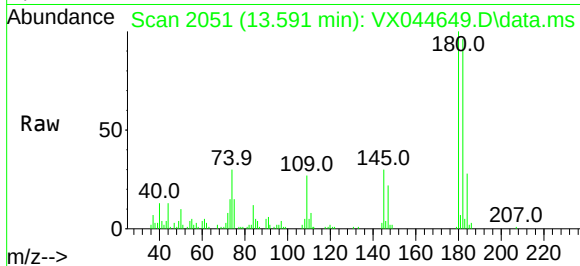
#93
1,2,4-Trichlorobenzene
Concen: 4.640 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Tgt Ion:180 Resp: 11649
Ion Ratio Lower Upper
180 100
182 95.7 47.4 142.2
145 35.1 16.7 50.1

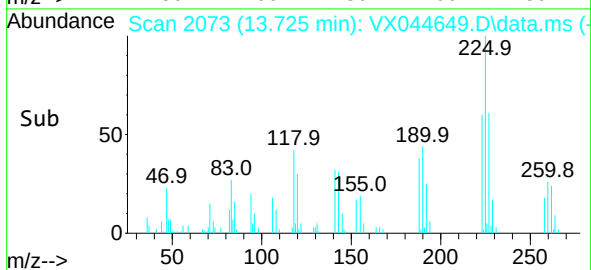
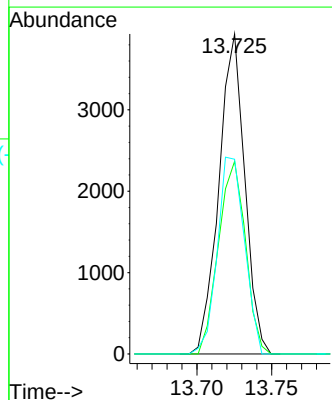
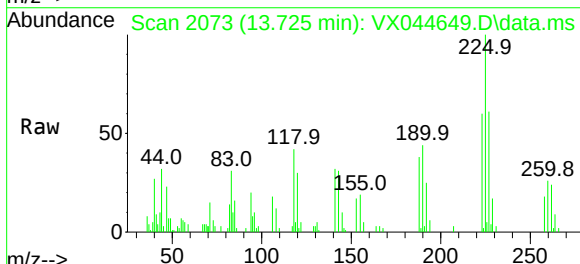
Manual Integrations
APPROVED

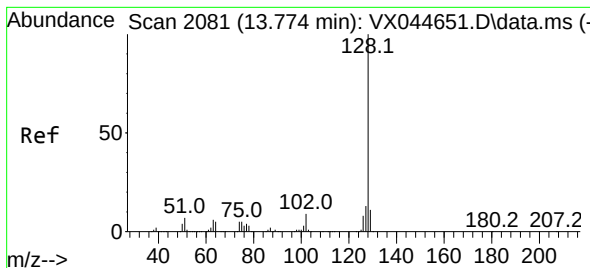
Reviewed By :John Carlone 01/15/2025
Supervised By :Semsettin Yesilyurt 01/16/2025



#94
Hexachlorobutadiene
Concen: 4.804 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

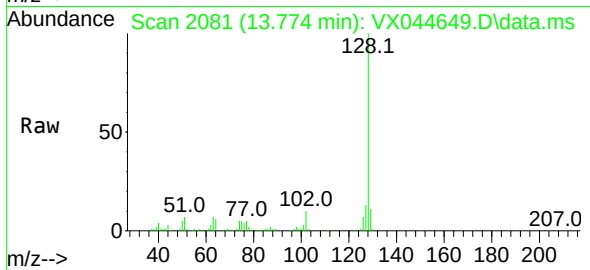
Tgt Ion:225 Resp: 4738
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 64.2 31.8 95.4





#95
Naphthalene
Concen: 4.794 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

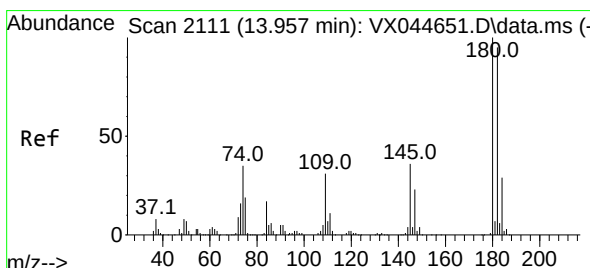
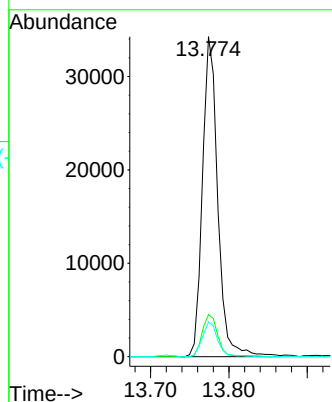
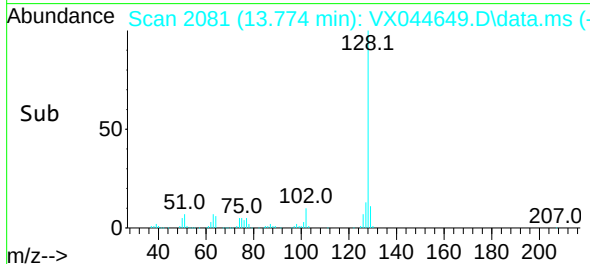
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion:128 Resp: 46418
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.9 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 4.710 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044649.D
Acq: 15 Jan 2025 11:17

Tgt Ion:180 Resp: 12258
Ion Ratio Lower Upper
180 100
182 90.2 47.2 141.6
145 36.9 17.5 52.6

