

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020725\
 Data File : VX044858.D
 Acq On : 07 Feb 2025 11:01
 Operator : JC/MD
 Sample : VX0207WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/10/2025
 Supervised By : Mahesh Dadoda 02/10/2025

Quant Time: Feb 07 22:12:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011625W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 17 01:21:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.891	128	19387	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	108776	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	100274	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.946	65	54944	29.357	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	97.867%	
60) 4-Bromofluorobenzene	11.079	95	56701	29.112	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	97.033%	
63) Toluene-d8	8.641	98	159762	29.293	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	97.633%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	33152	19.233	ug/l	99
3) Chloromethane	1.307	50	38966	21.490	ug/l	100
4) Vinyl Chloride	1.374	62	37050	20.884	ug/l	95
5) Bromomethane	1.593	94	11280	26.308	ug/l	98
6) Chloroethane	1.666	64	16532	58.771	ug/l	98
7) Trichlorofluoromethane	1.874	101	50189	25.832	ug/l	99
8) Diethyl Ether	2.130	74	18178	24.253	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	30827	22.147	ug/l	98
10) 1,1-Dichloroethene	2.313	96	29538	20.627	ug/l	96
11) Methyl Iodide	2.441	142	40268	20.292	ug/l	98
12) Methyl Acetate	2.703	43	56433	26.994	ug/l	97
13) Acrolein	2.233	56	26121	112.982	ug/l	95
14) Acrylonitrile	3.062	53	94236	123.702	ug/l	99
15) Acetone	2.380	58	24954	122.075	ug/l	93
16) Carbon Disulfide	2.502	76	76823	19.304	ug/l	99
17) Allyl chloride	2.654	41	55543	21.508	ug/l	98
18) Methylene Chloride	2.782	84	34295	21.400	ug/l	99
19) trans-1,2-Dichloroethene	3.081	96	29580	20.774	ug/l	94
20) Diisopropyl ether	3.757	45	107582	22.952	ug/l	98
21) 1,1-Dichloroethane	3.599	63	60203	21.652	ug/l	98
22) cis-1,2-Dichloroethene	4.483	96	36815	20.890	ug/l	99
23) tert-Butyl Alcohol	2.977	59	38849	105.436	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	102320	20.622	ug/l	98
25) Chloroform	5.086	83	58027	21.003	ug/l	96
26) Cyclohexane	5.458	56	52961	22.663	ug/l #	95
29) 1,1-Dichloropropene	5.684	75	39119	20.676	ug/l	98
30) 2-Butanone	4.550	43	128179	123.328	ug/l	98
31) 2,2-Dichloropropane	4.458	77	48388	18.481	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	48894	19.500	ug/l	98
33) Carbon Tetrachloride	5.666	117	40187	19.000	ug/l	98
34) Benzene	6.031	78	130454	21.611	ug/l	99
35) Methacrylonitrile	4.916	41	26704	22.989	ug/l	99
36) 1,2-Dichloroethane	6.080	62	43210	20.021	ug/l	98
37) Trichloroethene	7.123	130	29485	20.231	ug/l	98
38) Methylcyclohexane	7.373	83	55315	21.518	ug/l	99
39) 1,2-Dichloropropane	7.427	63	32668	21.702	ug/l	99
40) Dibromomethane	7.574	93	22946	20.504	ug/l	99
41) Bromodichloromethane	7.818	83	45864	19.848	ug/l	95
42) Vinyl Acetate	3.715	43	431167	104.461	ug/l	98

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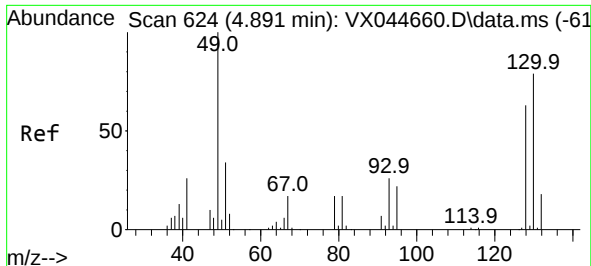
Manual Integrations
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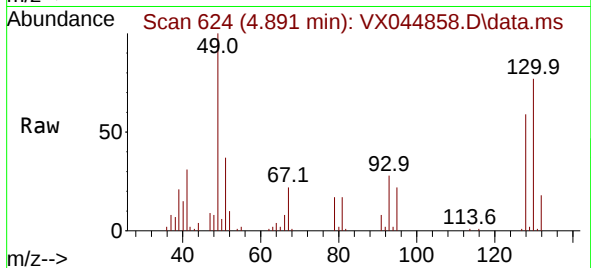
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	48725	23.899	ug/l	# 94
44) Isopropyl Acetate	6.336	43	79155	21.611	ug/l	98
45) 1,4-Dioxane	7.659	88	16942	485.762	ug/l	97
46) Methyl methacrylate	7.690	41	36954	20.612	ug/l	98
47) n-amyl Acetate	10.841	43	66257	21.555	ug/l	99
48) t-1,3-Dichloropropene	8.976	75	44947	18.429	ug/l	99
49) cis-1,3-Dichloropropene	8.360	75	51060	19.524	ug/l	97
50) 1,1,2-Trichloroethane	9.147	97	31771	22.044	ug/l	99
51) Ethyl methacrylate	9.116	69	50623	20.219	ug/l	96
52) 1,3-Dichloropropane	9.305	76	53944	21.640	ug/l	98
53) Dibromochloromethane	9.519	129	32787	19.037	ug/l	95
54) 1,2-Dibromoethane	9.604	107	32244	21.163	ug/l	96
55) 2-Chloroethyl vinyl ether	8.238	63	112529	92.629	ug/l	98
56) Bromoform	10.799	173	21858	19.140	ug/l	99
58) 4-Methyl-2-Pentanone	8.567	43	258658	122.376	ug/l	97
59) 2-Hexanone	9.427	43	189107	122.210	ug/l	97
61) Tetrachloroethene	9.269	164	24082	20.021	ug/l	98
62) Toluene	8.714	91	136850	20.726	ug/l	98
64) Chlorobenzene	10.073	112	84973	20.722	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	27909	18.947	ug/l	98
66) Ethyl Benzene	10.189	91	149546	20.754	ug/l	100
67) m/p-Xylenes	10.299	106	113258	42.760	ug/l	98
68) o-Xylene	10.640	106	56236	21.154	ug/l	97
69) Styrene	10.652	104	94141	21.569	ug/l	98
70) Isopropylbenzene	10.957	105	142933	21.388	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	51489	22.919	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	40966m	21.674	ug/l	
73) Bromobenzene	11.195	156	33221	21.339	ug/l	96
74) n-propylbenzene	11.299	91	168630	22.215	ug/l	99
75) 2-Chlorotoluene	11.360	91	103153	21.615	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	118855	21.900	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	15355	17.172	ug/l	95
78) 4-Chlorotoluene	11.451	91	114553	21.785	ug/l	98
79) tert-butylbenzene	11.713	119	121630	21.815	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	118764	21.689	ug/l	97
81) sec-Butylbenzene	11.890	105	152536	22.911	ug/l	98
82) p-Isopropyltoluene	12.006	119	123258	22.495	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	60048	21.715	ug/l	99
84) 1,4-Dichlorobenzene	12.036	146	59871	22.086	ug/l	98
85) n-Butylbenzene	12.329	91	108739	22.894	ug/l	99
86) Hexachloroethane	12.536	117	21606	17.925	ug/l	97
87) 1,2-Dichlorobenzene	12.335	146	61041	22.105	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	12.939	75	9695	17.917	ug/l	98
89) 1,2,4-Trichlorobenzene	13.585	180	34997	20.394	ug/l	99
90) Hexachlorobutadiene	13.719	225	14429	21.738	ug/l	97
91) Naphthalene	13.774	128	133421	20.782	ug/l	100
92) 1,2,3-Trichlorobenzene	13.957	180	36308	20.802	ug/l	100

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

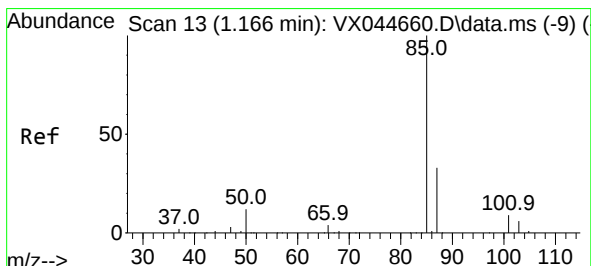
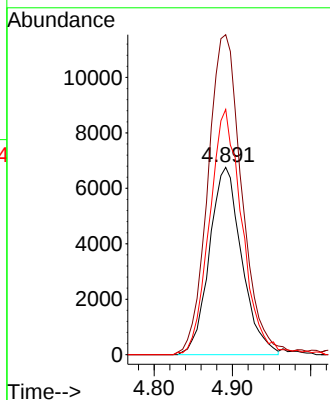
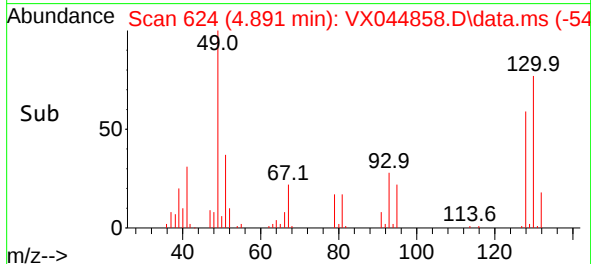
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion:128 Resp: 1938
Ion Ratio Lower Upper
128 100
49 179.2 0.0 411.5
130 131.3 0.0 324.3

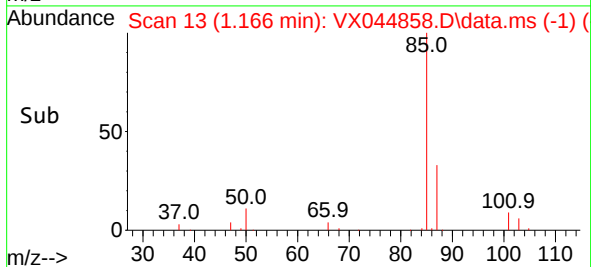
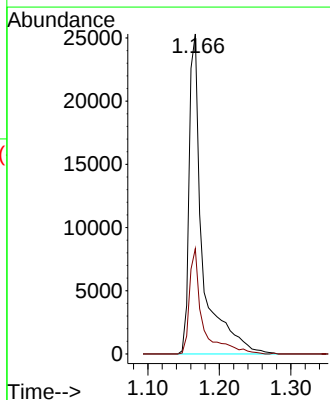
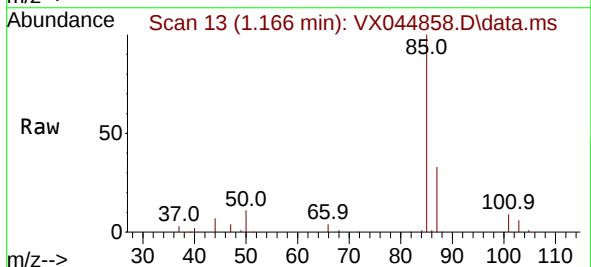
Manual Integrations
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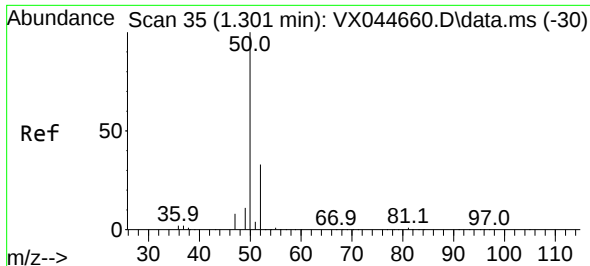
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#2
Dichlorodifluoromethane
Concen: 19.233 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

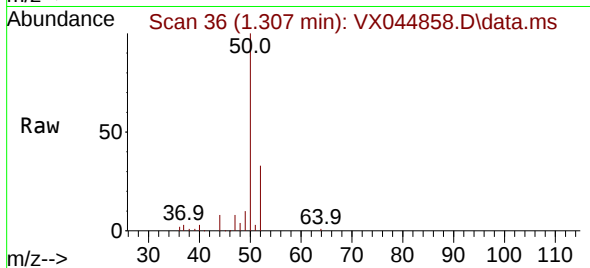
Tgt Ion: 85 Resp: 33152
Ion Ratio Lower Upper
85 100
87 32.9 16.6 49.8





#3
Chloromethane
Concen: 21.490 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

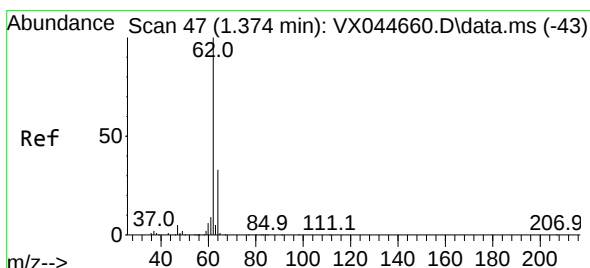
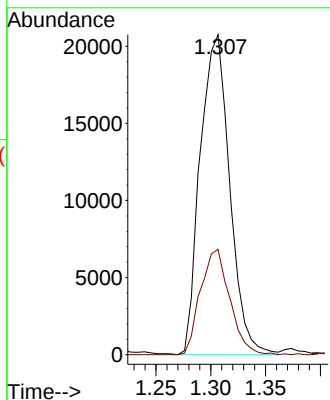
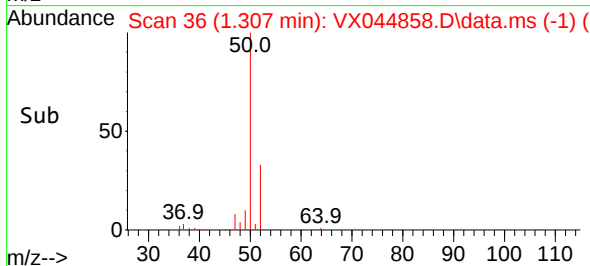
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 50 Resp: 3896
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

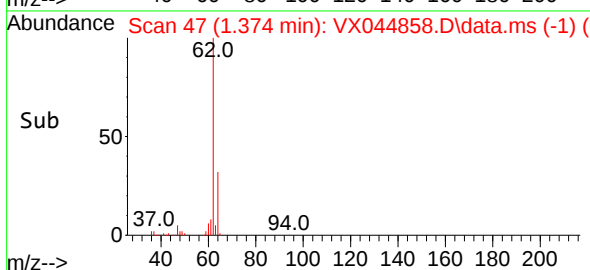
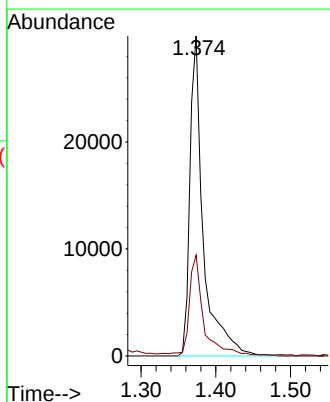
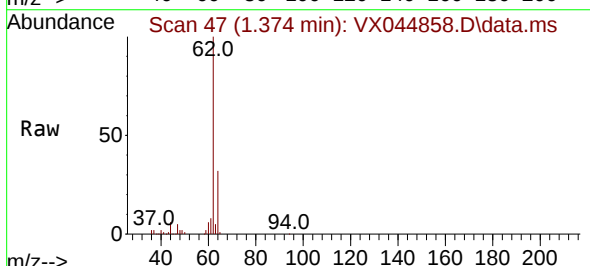
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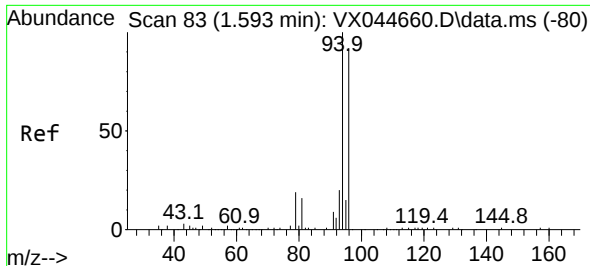
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#4
Vinyl Chloride
Concen: 20.884 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

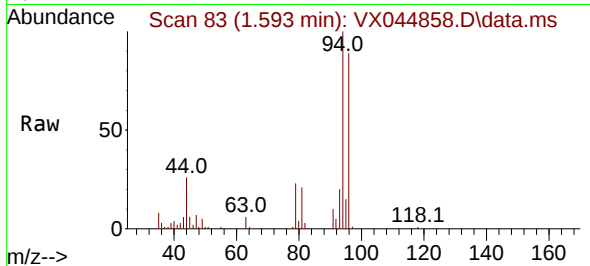
Tgt Ion: 62 Resp: 37050
Ion Ratio Lower Upper
62 100
64 31.1 27.3 40.9





#5
Bromomethane
Concen: 26.308 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

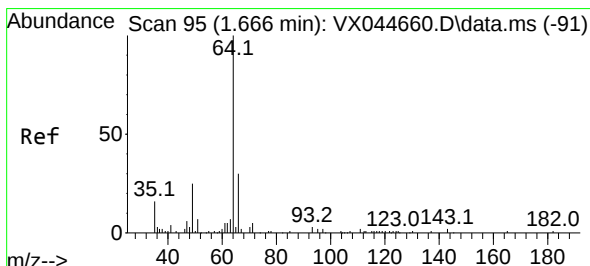
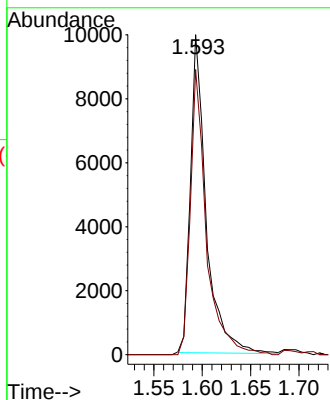
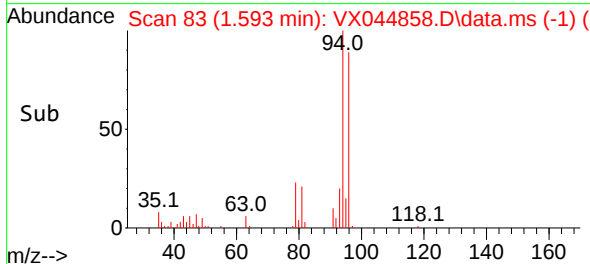
Instrument :
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ClientSampleId :
VX0207WBSD01



Tgt Ion: 94 Resp: 11280
Ion Ratio Lower Upper
94 100
96 89.7 73.3 109.9

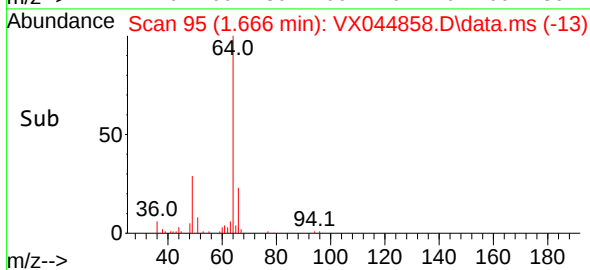
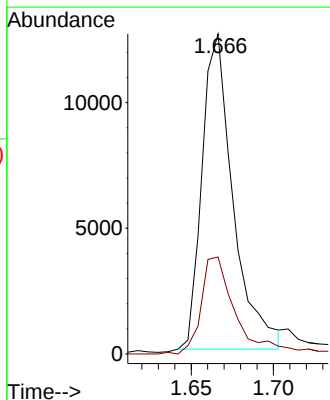
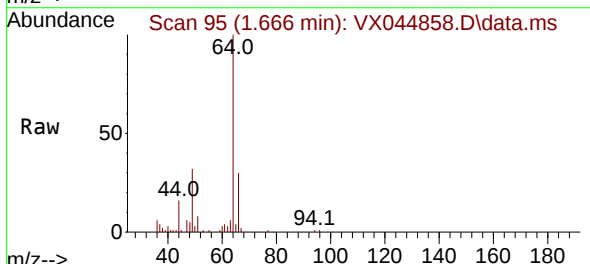
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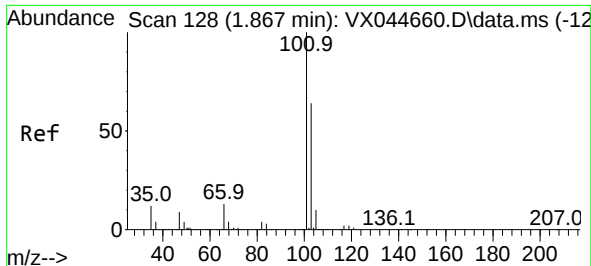
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#6
Chloroethane
Concen: 58.771 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

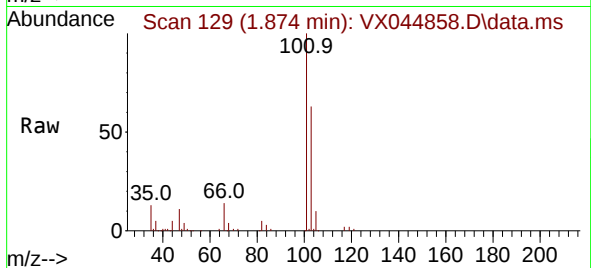
Tgt Ion: 64 Resp: 16532
Ion Ratio Lower Upper
64 100
66 30.8 23.8 35.6





#7
Trichlorofluoromethane
Concen: 25.832 ug/l
RT: 1.874 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

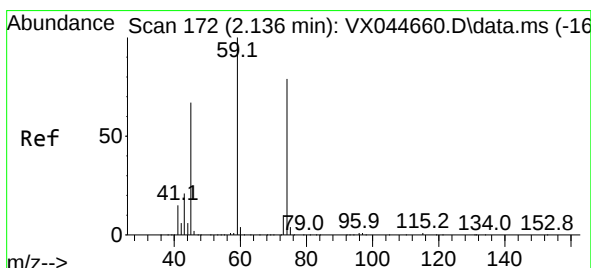
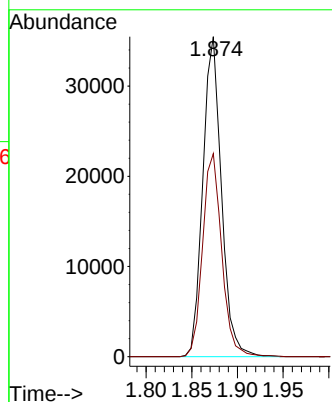
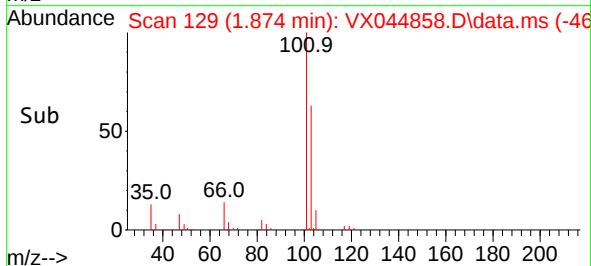
Instrument :
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Tgt Ion:101 Resp: 50189
Ion Ratio Lower Upper
101 100
103 63.4 51.1 76.7

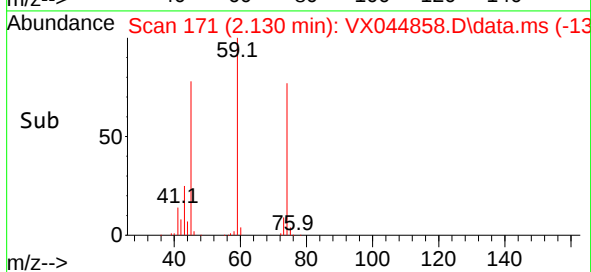
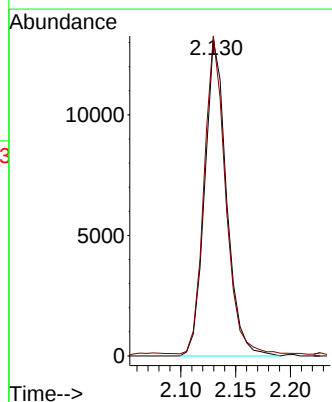
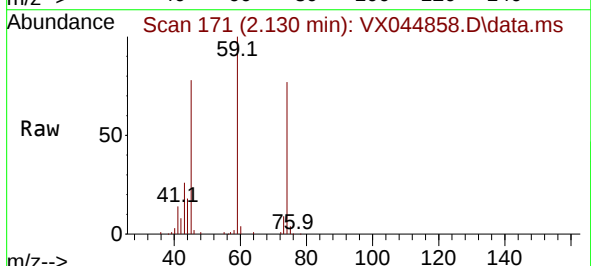
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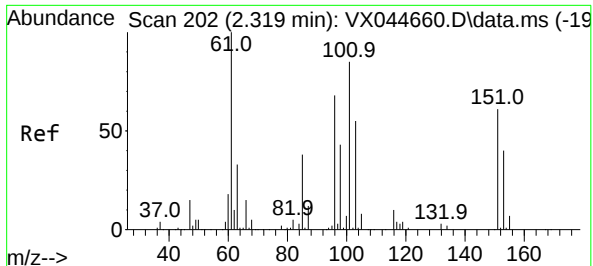
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#8
Diethyl Ether
Concen: 24.253 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Tgt Ion: 74 Resp: 18178
Ion Ratio Lower Upper
74 100
45 100.1 18.8 168.8





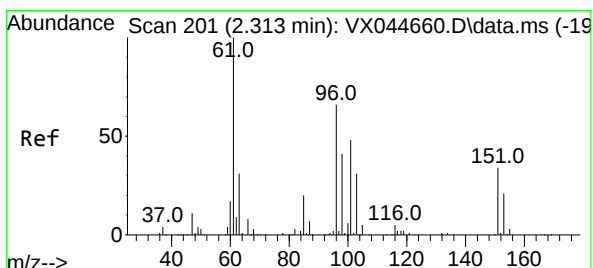
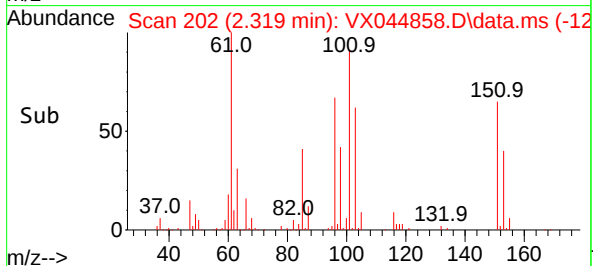
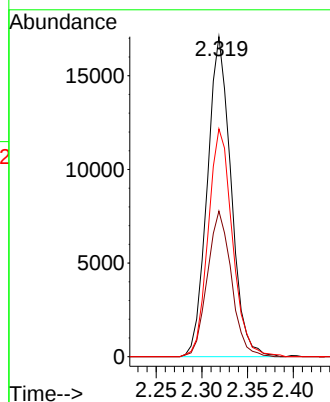
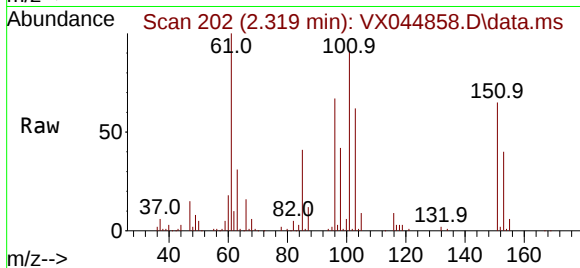
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.147 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion:101 Resp: 3082
Ion Ratio Lower Upper
101 100
85 46.0 0.0 88.0
151 72.8 0.0 147.0

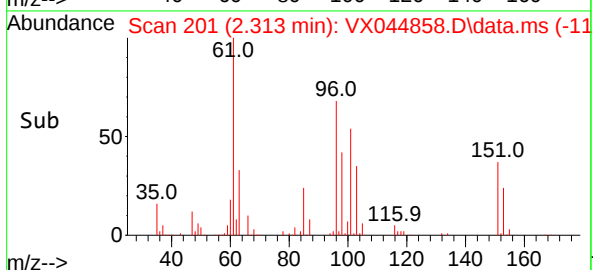
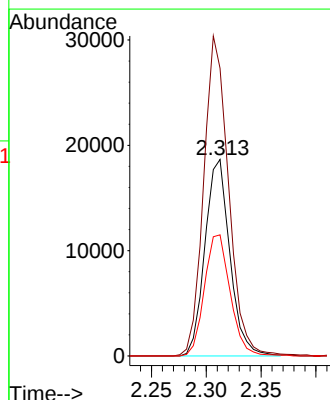
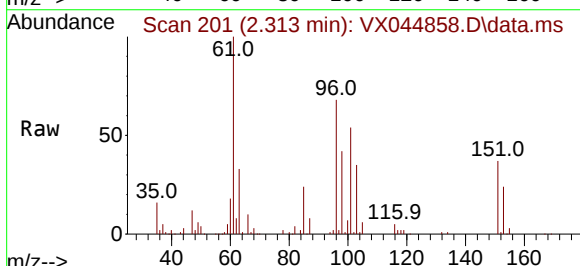
Manual Integrations
APPROVED

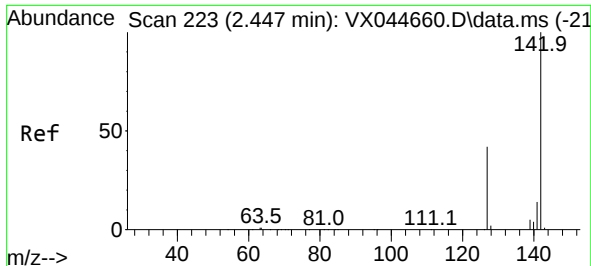
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#10
1,1-Dichloroethene
Concen: 20.627 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

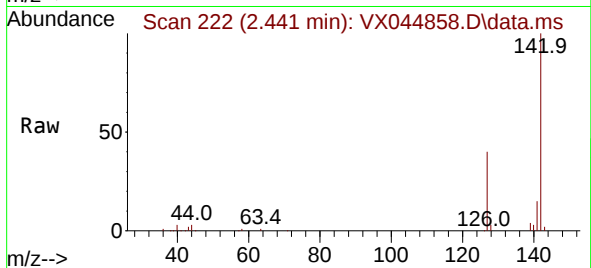
Tgt Ion: 96 Resp: 29538
Ion Ratio Lower Upper
96 100
61 145.8 121.6 182.4
98 61.6 50.3 75.5





#11
Methyl Iodide
Concen: 20.292 ug/l
RT: 2.441 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

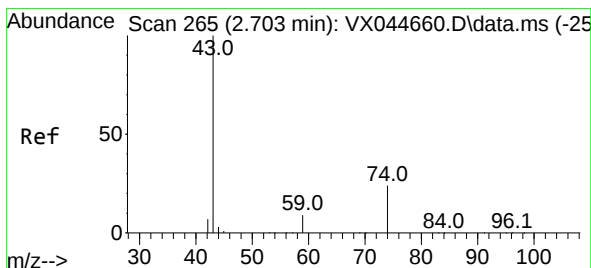
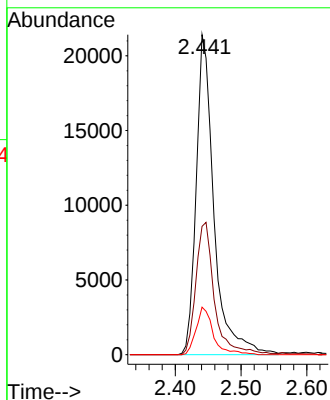
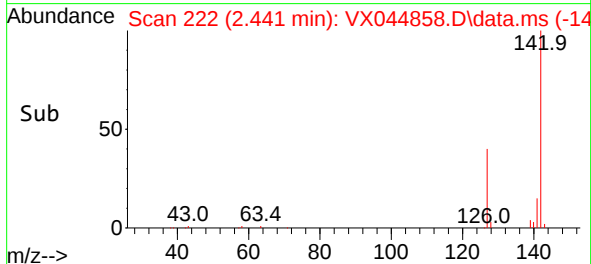
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion:142 Resp: 40268
Ion Ratio Lower Upper
142 100
127 40.0 20.8 62.4
141 14.9 7.0 20.9

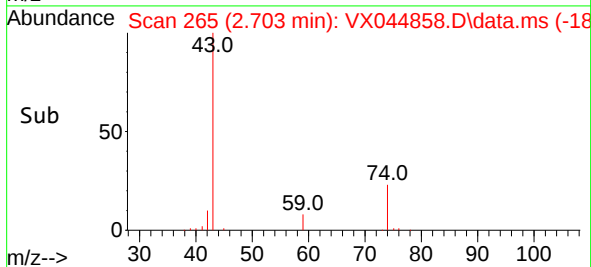
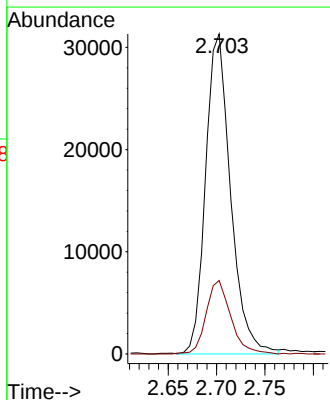
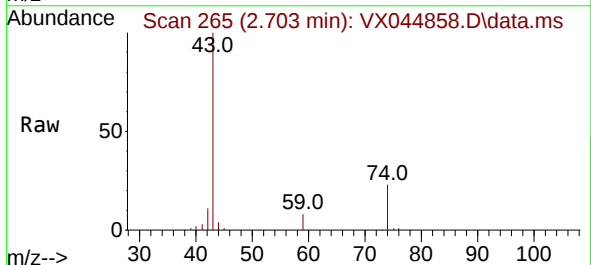
Manual Integrations
APPROVED

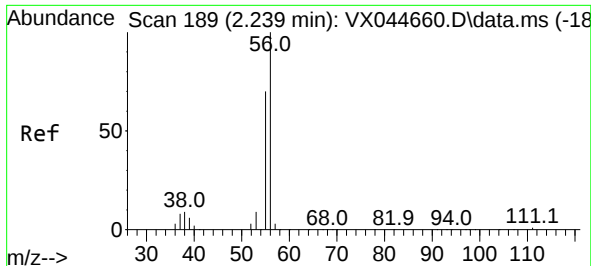
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#12
Methyl Acetate
Concen: 26.994 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

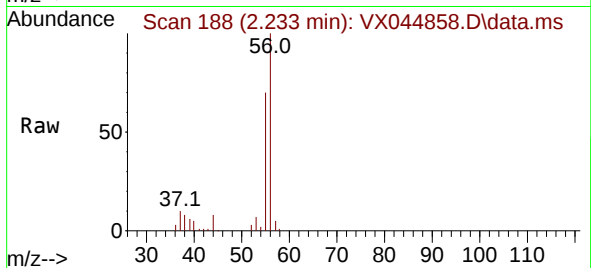
Tgt Ion: 43 Resp: 56433
Ion Ratio Lower Upper
43 100
74 22.9 19.4 29.2





#13
Acrolein
Concen: 112.982 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

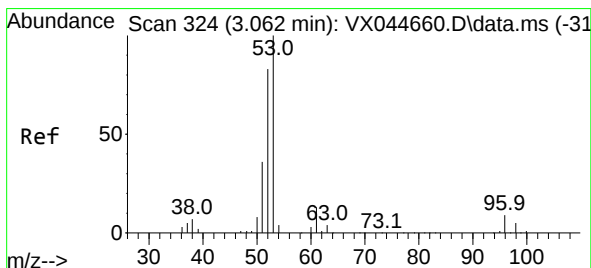
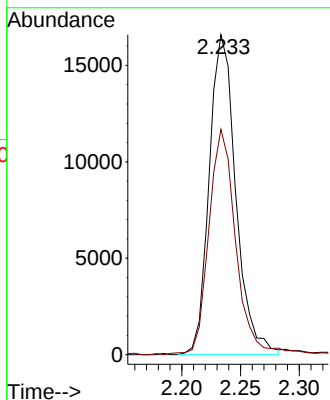
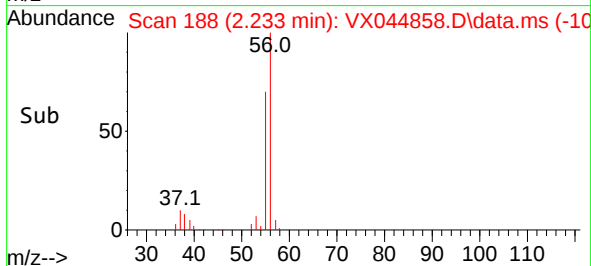
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 56 Resp: 2612
Ion Ratio Lower Upper
56 100
55 67.9 57.5 86.3

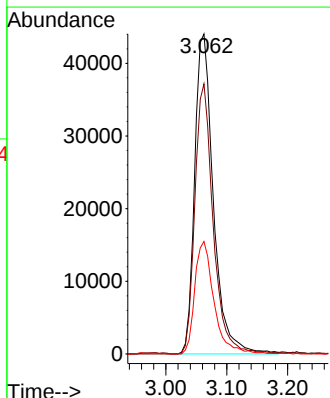
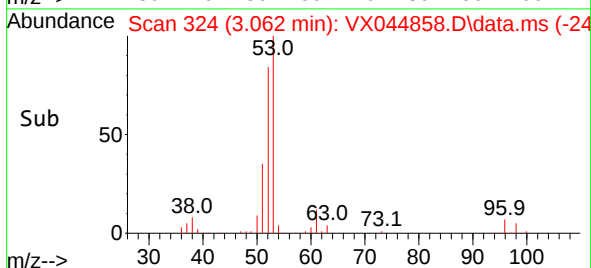
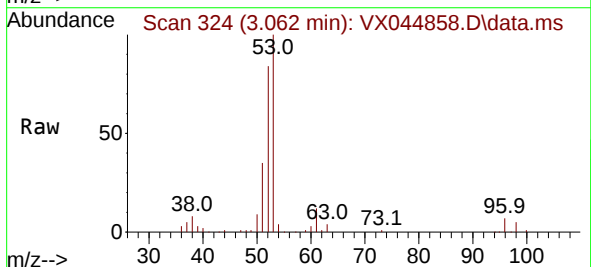
Manual Integrations
APPROVED

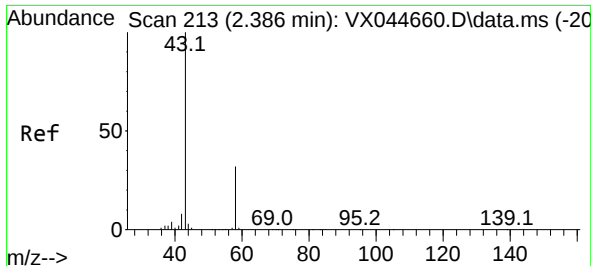
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#14
Acrylonitrile
Concen: 123.702 ug/l
RT: 3.062 min Scan# 324
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

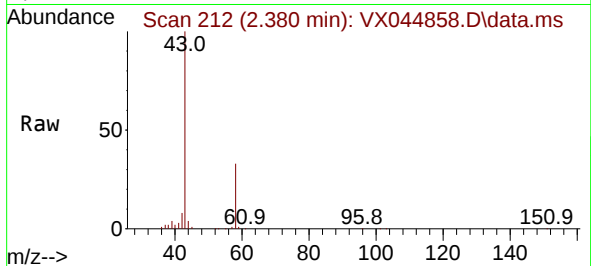
Tgt Ion: 53 Resp: 94236
Ion Ratio Lower Upper
53 100
52 82.0 41.4 124.2
51 35.8 18.1 54.4





#15
Acetone
Concen: 122.075 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

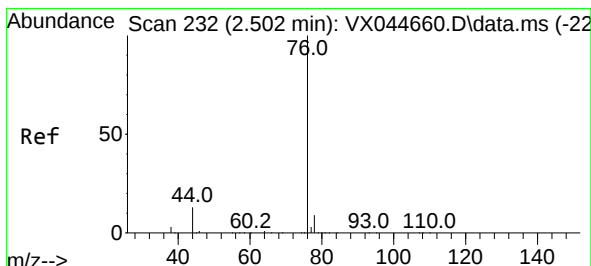
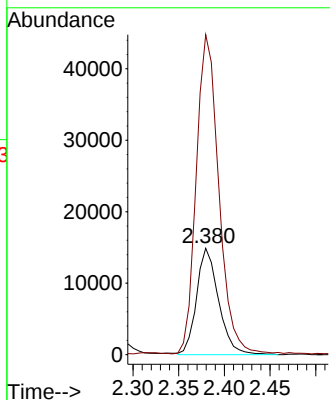
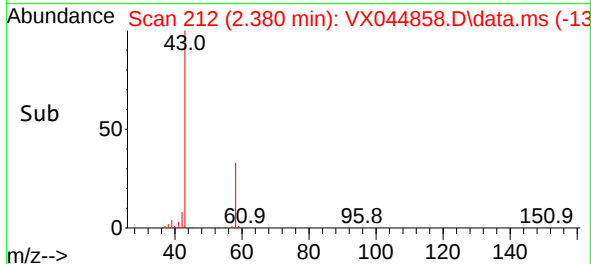
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 58 Resp: 24954
Ion Ratio Lower Upper
58 100
43 299.3 251.0 376.4

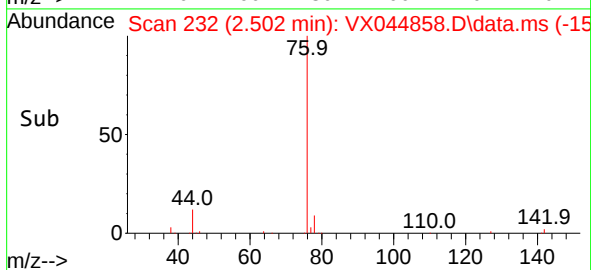
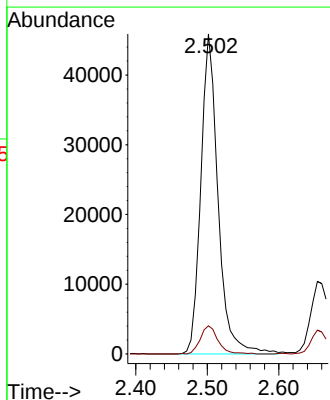
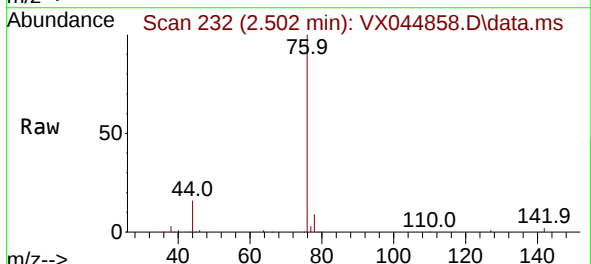
Manual Integrations
APPROVED

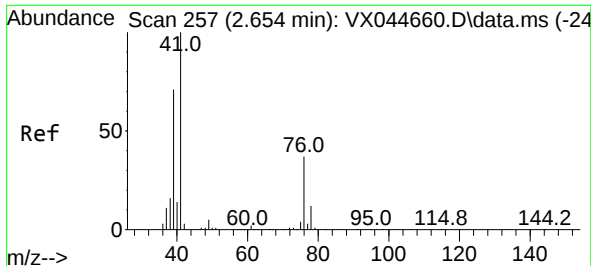
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#16
Carbon Disulfide
Concen: 19.304 ug/l
RT: 2.502 min Scan# 232
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

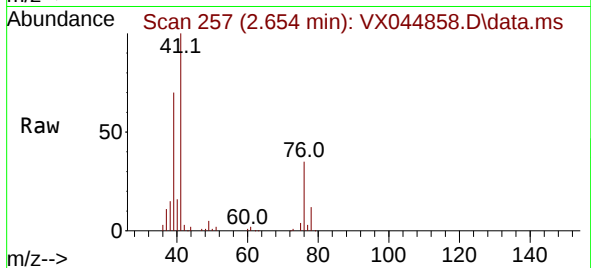
Tgt Ion: 76 Resp: 76823
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





#17
 Allyl chloride
 Concen: 21.508 ug/l
 RT: 2.654 min Scan# 257
 Delta R.T. -0.000 min
 Lab File: VX044858.D
 Acq: 07 Feb 2025 11:01

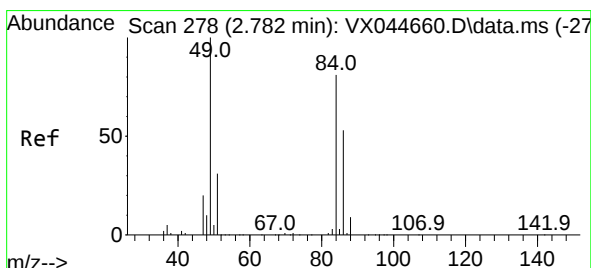
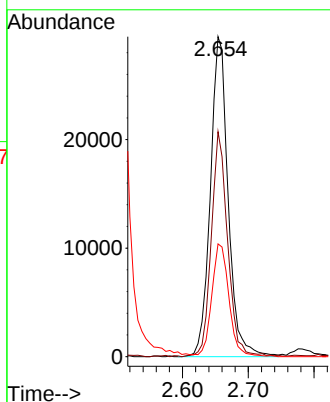
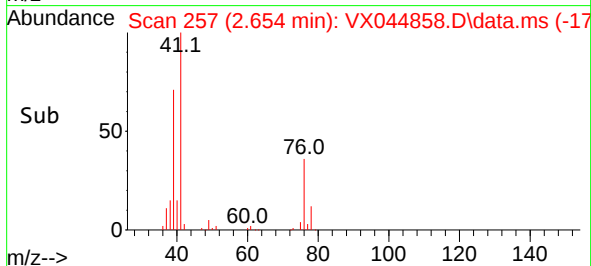
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01



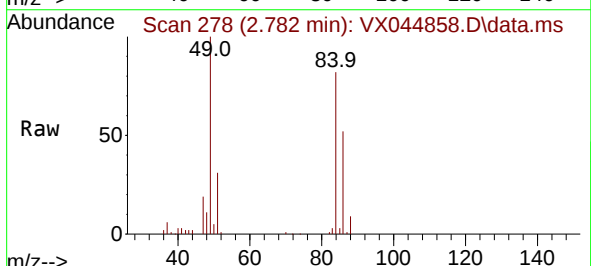
Tgt Ion: 41 Resp: 5554
 Ion Ratio Lower Upper
 41 100
 39 70.0 35.6 106.8
 76 35.3 18.9 56.5

Manual Integrations
 APPROVED

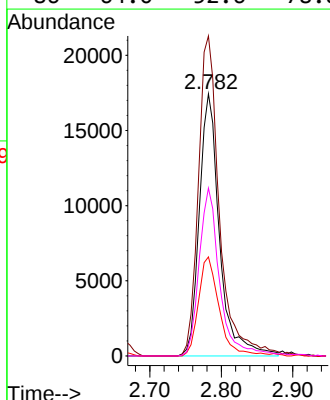
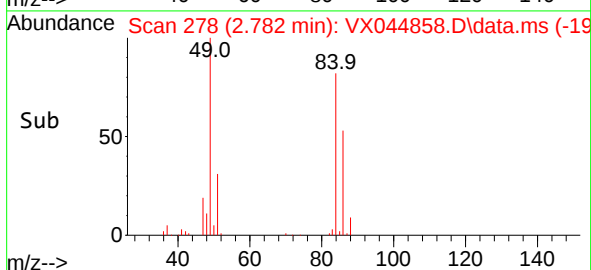
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025

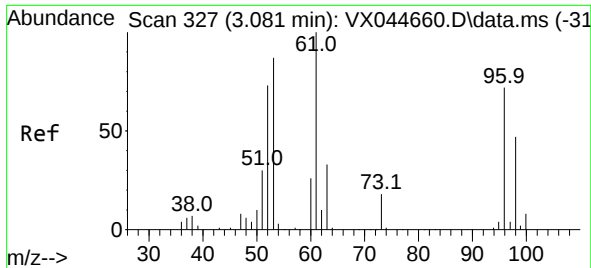


#18
 Methylene Chloride
 Concen: 21.400 ug/l
 RT: 2.782 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VX044858.D
 Acq: 07 Feb 2025 11:01



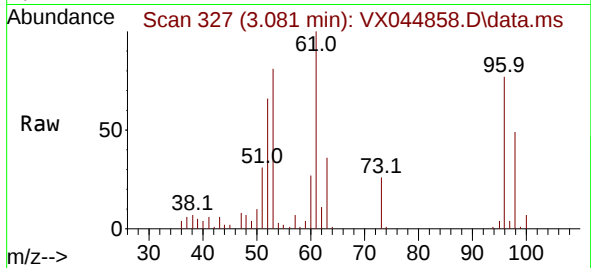
Tgt Ion: 84 Resp: 34295
 Ion Ratio Lower Upper
 84 100
 49 122.1 98.3 147.5
 51 37.8 30.6 46.0
 86 64.0 52.6 78.8





#19
trans-1,2-Dichloroethene
Concen: 20.774 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

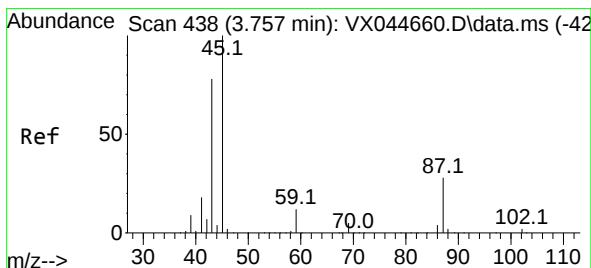
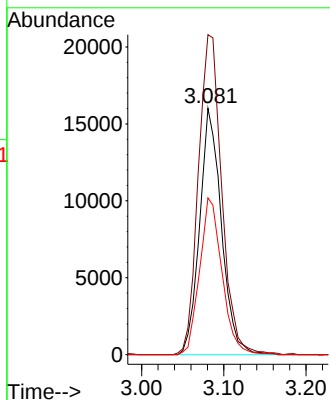
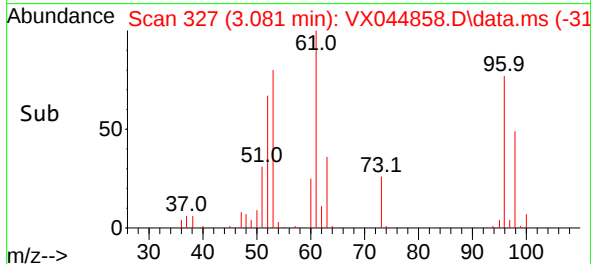
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



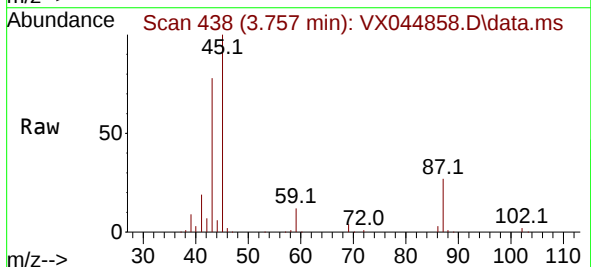
Tgt Ion: 96 Resp: 29580
Ion Ratio Lower Upper
96 100
61 129.4 111.5 167.3
98 63.6 52.6 79.0

Manual Integrations
APPROVED

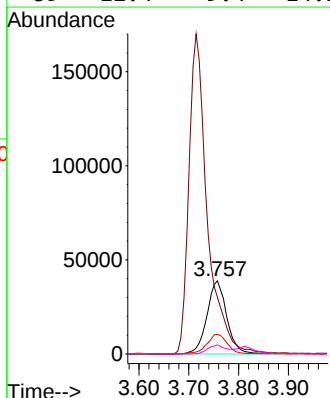
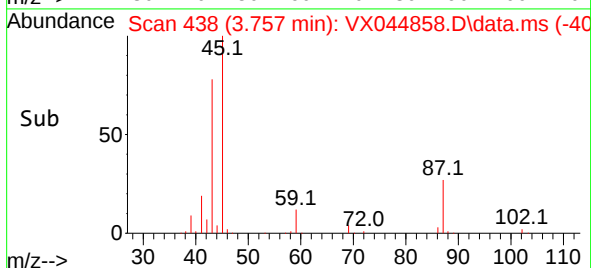
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

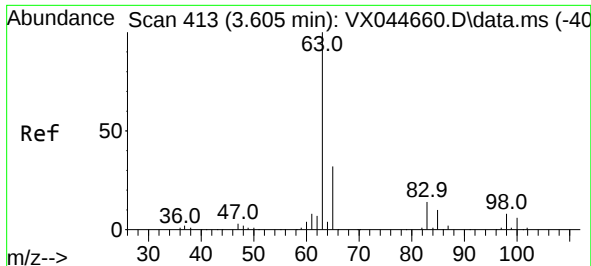


#20
Diisopropyl ether
Concen: 22.952 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



Tgt Ion: 45 Resp: 107582
Ion Ratio Lower Upper
45 100
43 76.4 62.6 94.0
87 26.8 22.7 34.1
59 12.4 9.4 14.2





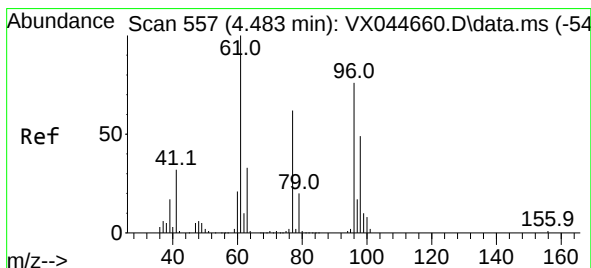
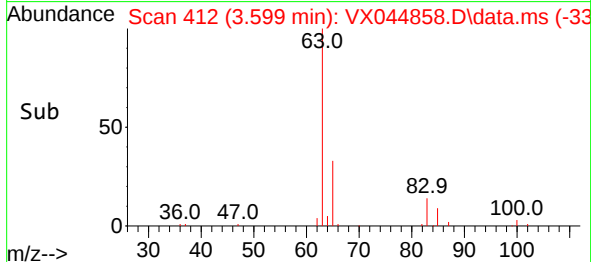
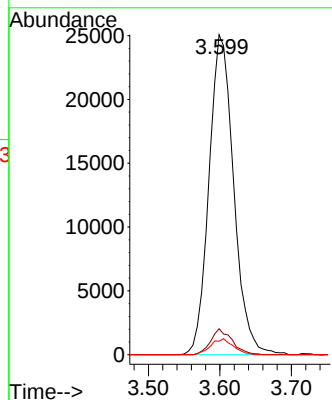
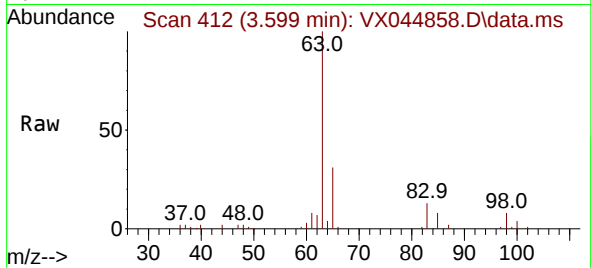
#21
1,1-Dichloroethane
Concen: 21.652 ug/l
RT: 3.599 min Scan# 413
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion: 63 Resp: 6020
Ion Ratio Lower Upper
63 100
98 8.1 4.0 11.9
100 4.2 2.8 8.3

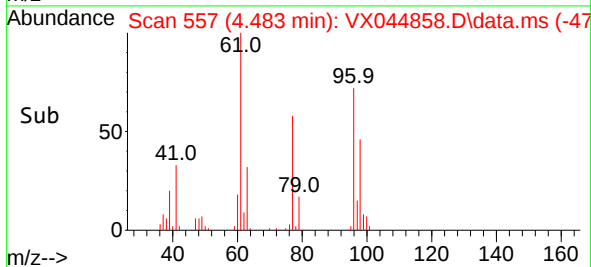
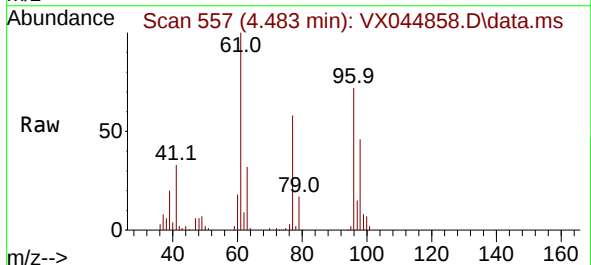
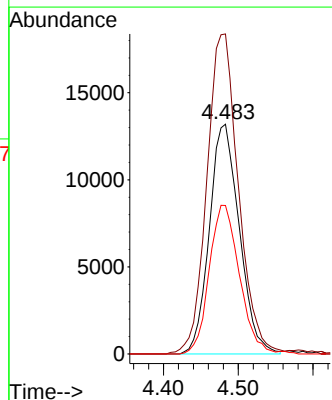
Manual Integrations
APPROVED

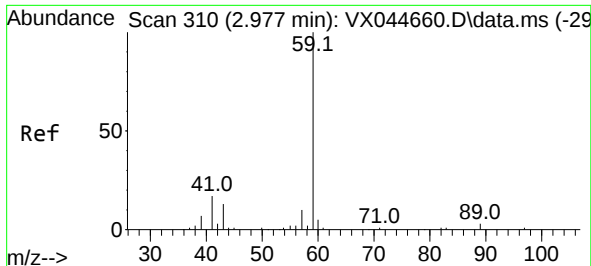
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#22
cis-1,2-Dichloroethene
Concen: 20.890 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Tgt Ion: 96 Resp: 36815
Ion Ratio Lower Upper
96 100
61 146.5 115.2 172.8
98 65.0 51.8 77.6





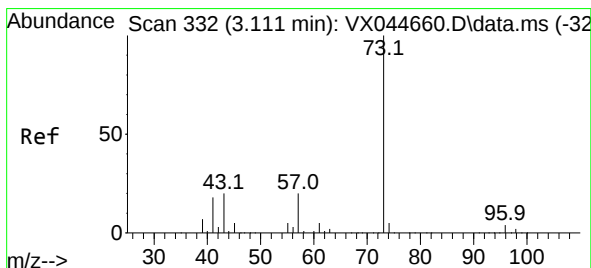
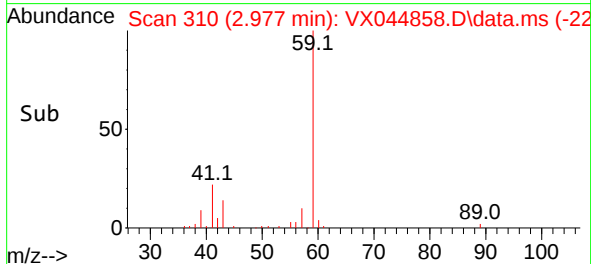
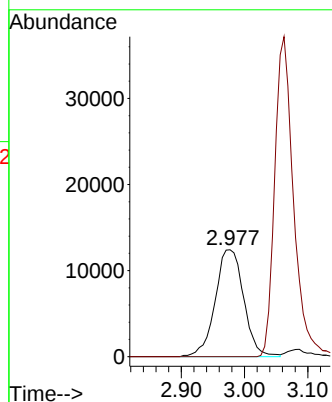
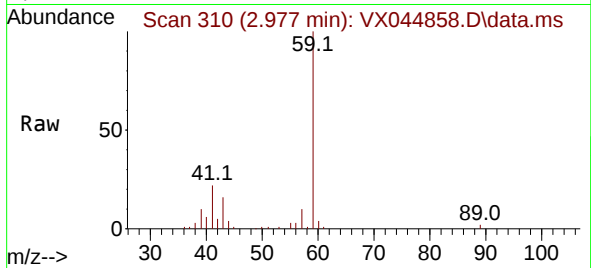
#23
tert-Butyl Alcohol
Concen: 105.436 ug/l
RT: 2.977 min Scan# 310
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion: 59 Resp: 38849
Ion Ratio Lower Upper
59 100
52 0.0 0.1 0.1

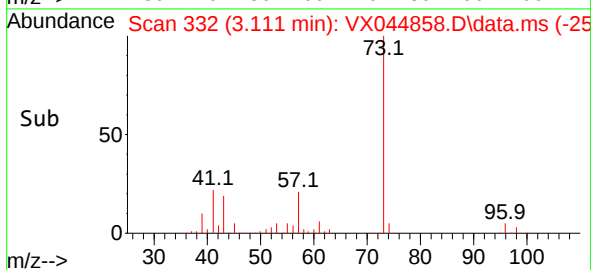
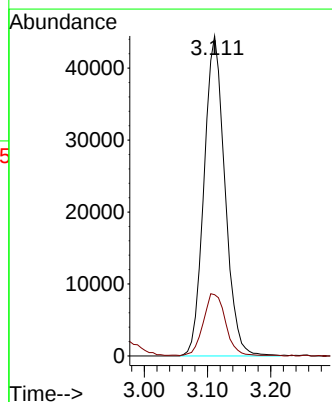
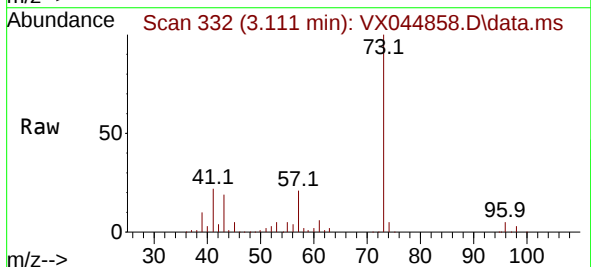
Manual Integrations
APPROVED

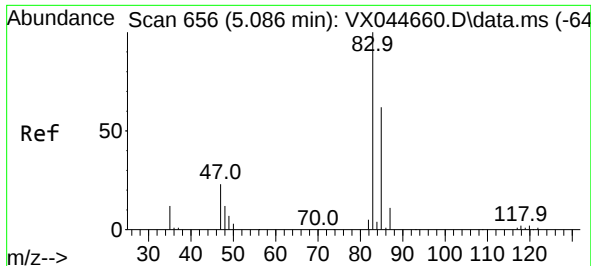
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#24
Methyl tert-Butyl Ether
Concen: 20.622 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Tgt Ion: 73 Resp: 102320
Ion Ratio Lower Upper
73 100
43 20.3 16.9 25.3





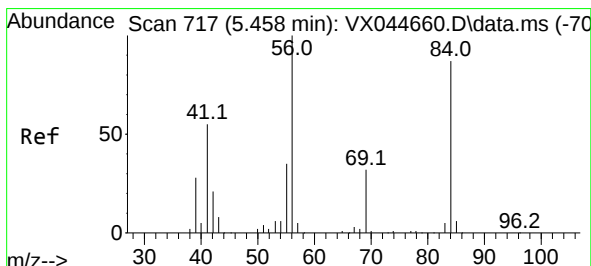
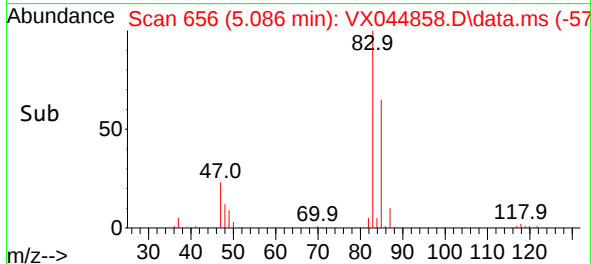
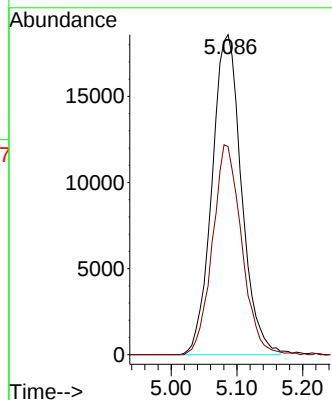
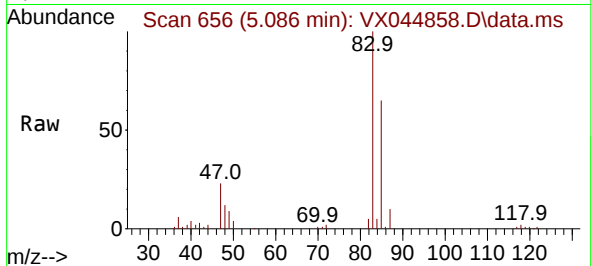
#25
Chloroform
Concen: 21.003 ug/l
RT: 5.086 min Scan# 611
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion: 83 Resp: 5802
Ion Ratio Lower Upper
83 100
85 65.1 49.4 74.2

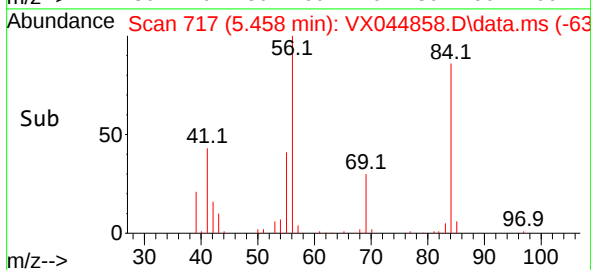
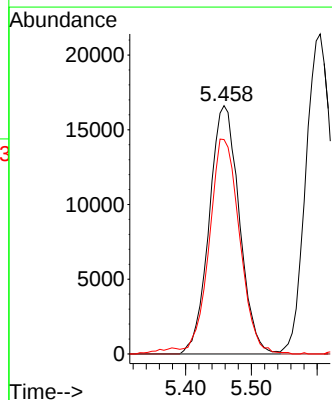
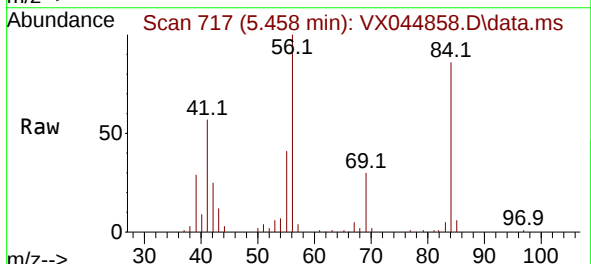
Manual Integrations
APPROVED

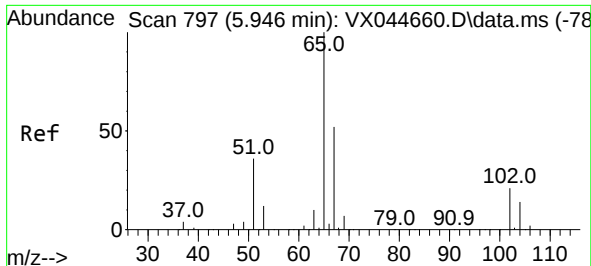
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#26
Cyclohexane
Concen: 22.663 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Tgt Ion: 56 Resp: 52961
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.7 72.2 108.4





#27

1,2-Dichloroethane-d4

Concen: 29.357 ug/l

RT: 5.946 min Scan# 797

Delta R.T. 0.000 min

Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tgt Ion: 65 Resp: 5494

Ion Ratio Lower Upper

65 100

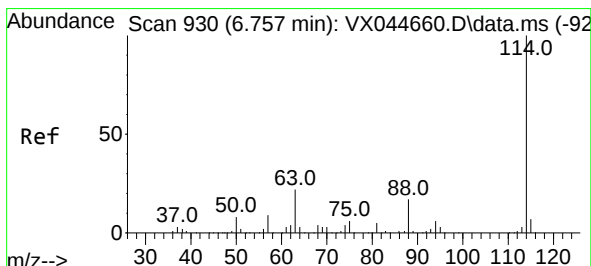
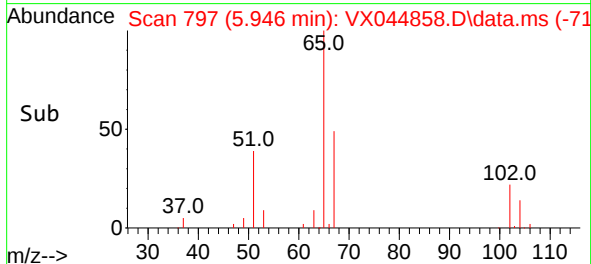
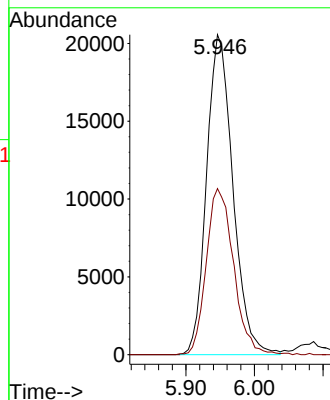
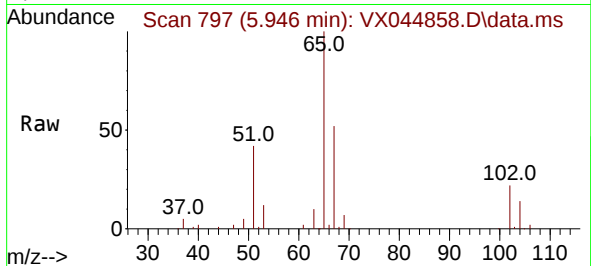
67 53.6 41.4 62.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

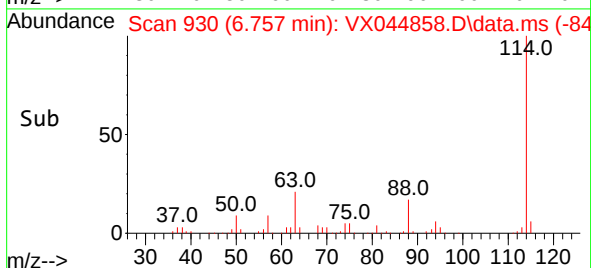
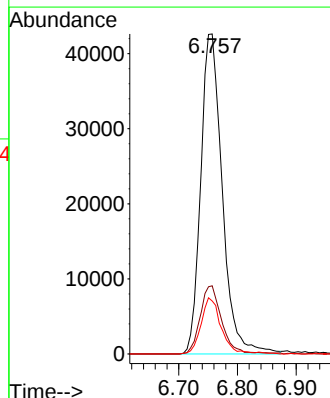
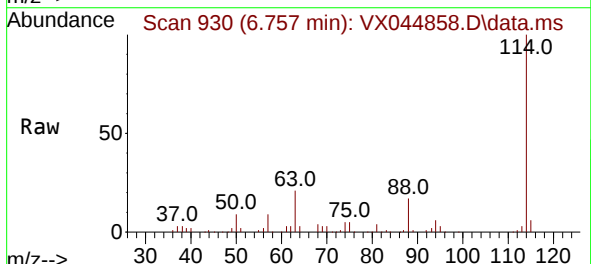
Tgt Ion:114 Resp: 108776

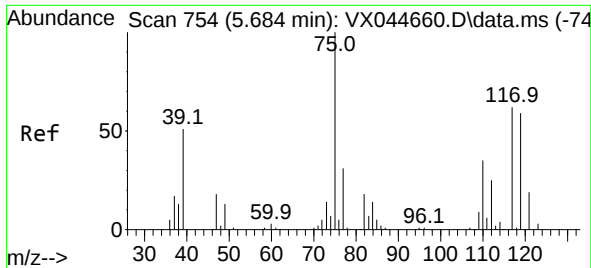
Ion Ratio Lower Upper

114 100

63 20.7 16.6 24.8

88 15.7 13.4 20.2





#29
1,1-Dichloropropene
Concen: 20.676 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :

MSVOA_X

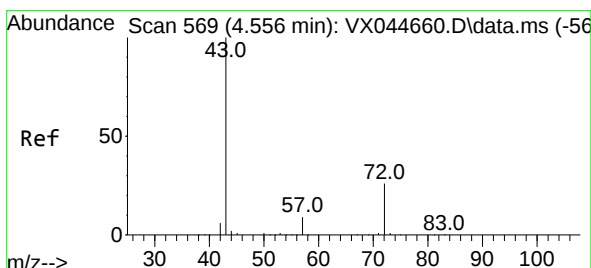
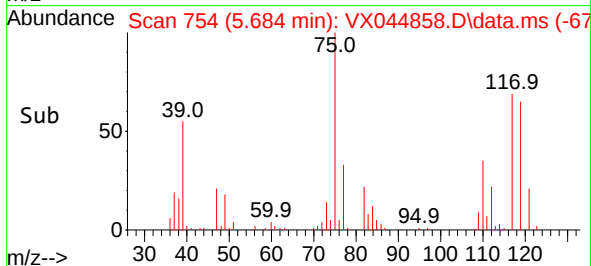
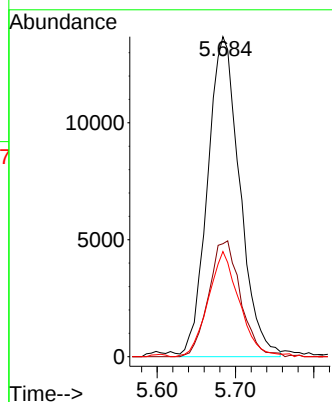
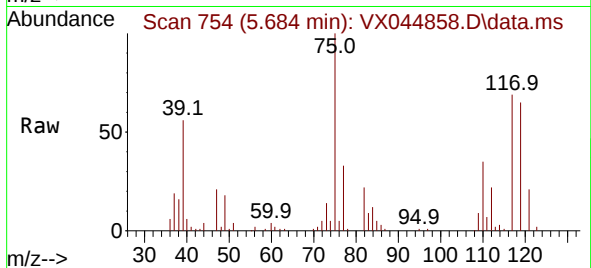
ClientSampleId :

VX0207WBSD01

Tgt Ion: 75 Resp: 39119
Ion Ratio Lower Upper
75 100
110 35.4 0.0 69.4
77 31.6 0.0 59.8

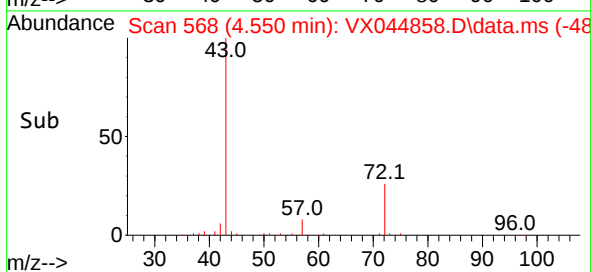
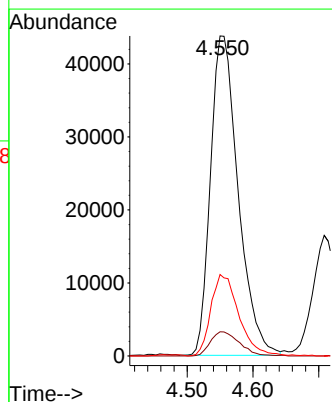
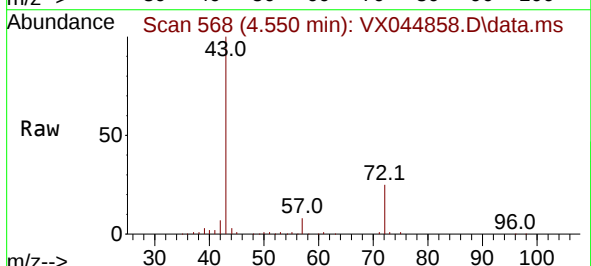
Manual Integrations
APPROVED

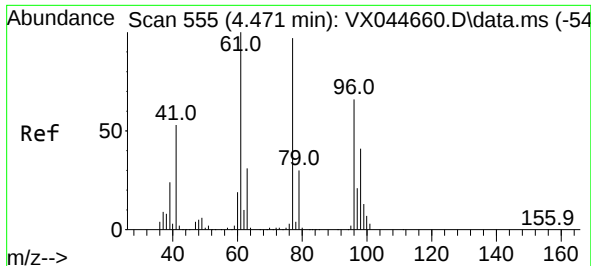
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#30
2-Butanone
Concen: 123.328 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

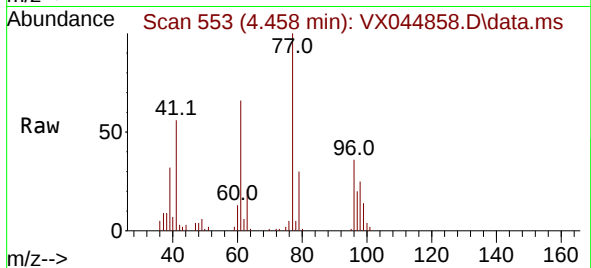
Tgt Ion: 43 Resp: 128179
Ion Ratio Lower Upper
43 100
57 7.9 6.4 9.6
72 25.7 21.5 32.3





#31
2,2-Dichloropropane
Concen: 18.481 ug/l
RT: 4.458 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

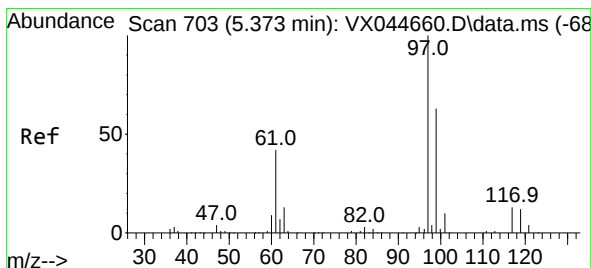
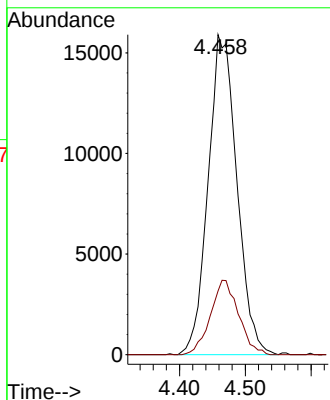
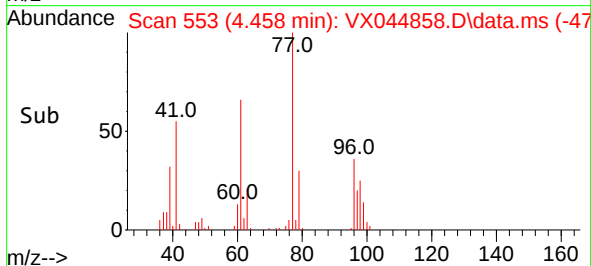
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



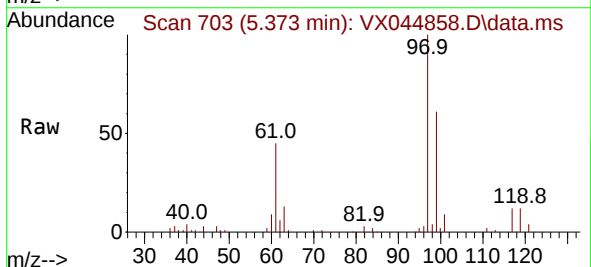
Tgt Ion: 77 Resp: 4838
Ion Ratio Lower Upper
77 100
97 22.8 18.6 27.8

Manual Integrations
APPROVED

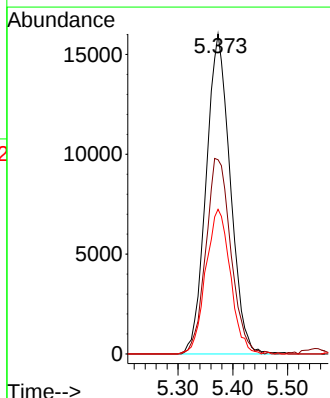
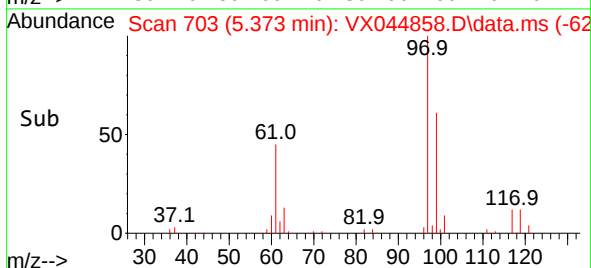
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

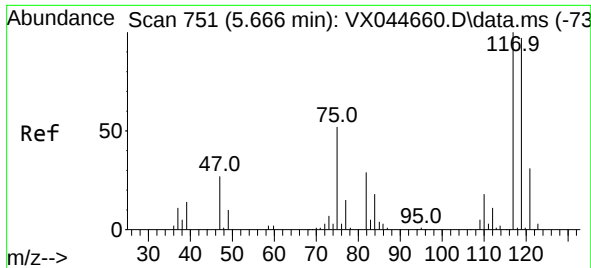


#32
1,1,1-Trichloroethane
Concen: 19.500 ug/l
RT: 5.373 min Scan# 703
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



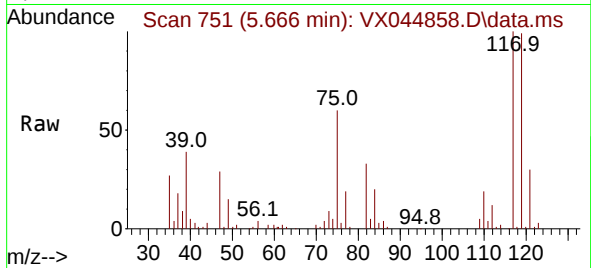
Tgt Ion: 97 Resp: 48894
Ion Ratio Lower Upper
97 100
99 63.3 50.5 75.7
61 46.2 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.000 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

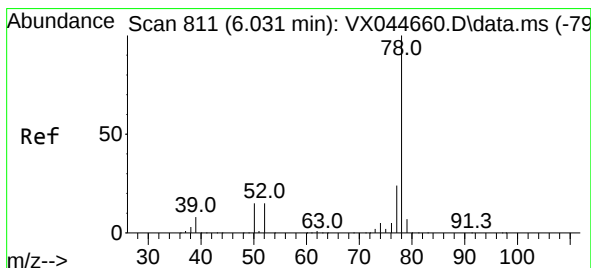
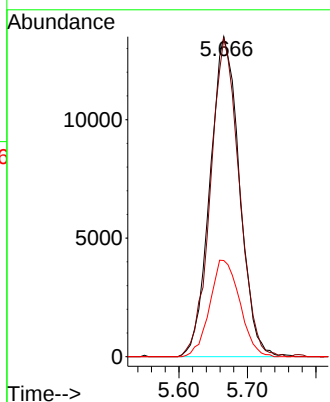
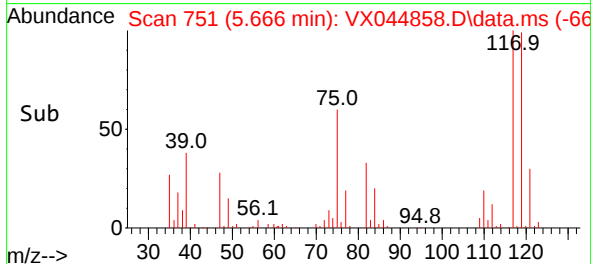
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



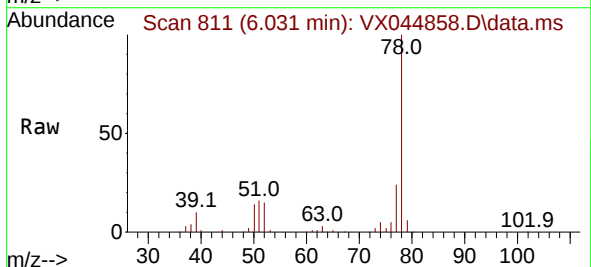
Tgt Ion:117 Resp: 4018
Ion Ratio Lower Upper
117 100
119 99.4 77.3 115.9
121 30.1 24.6 37.0

Manual Integrations
APPROVED

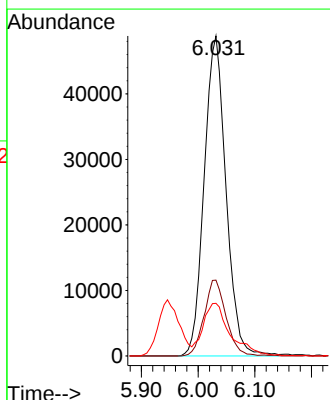
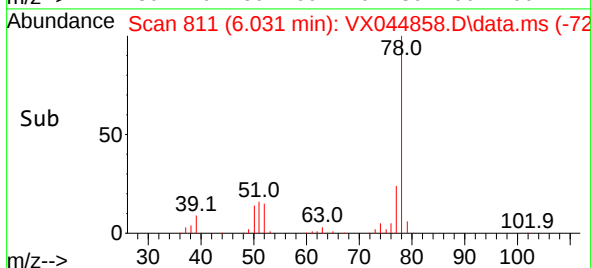
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

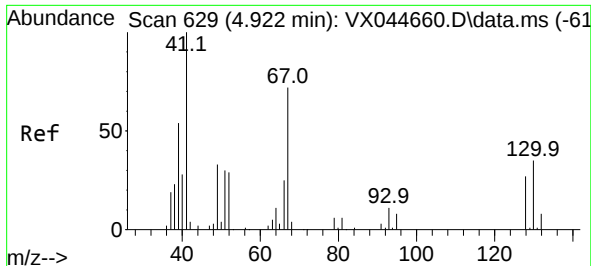


#34
Benzene
Concen: 21.611 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



Tgt Ion: 78 Resp: 130454
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9
51 16.0 12.7 19.1





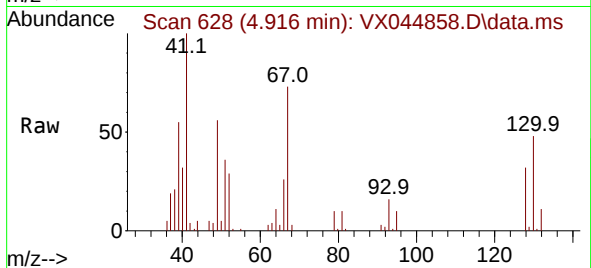
#35
Methacrylonitrile
Concen: 22.989 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01



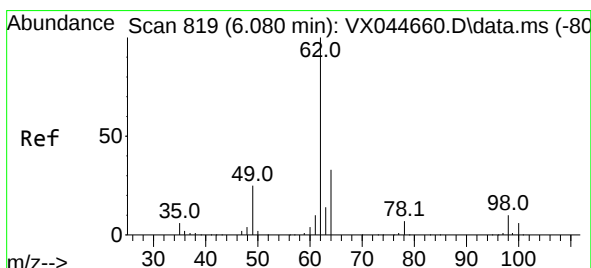
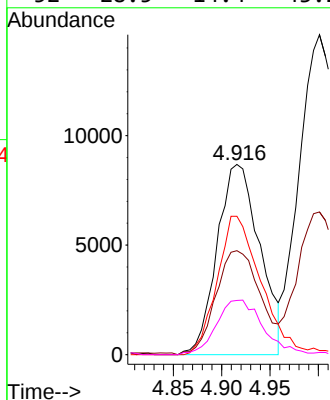
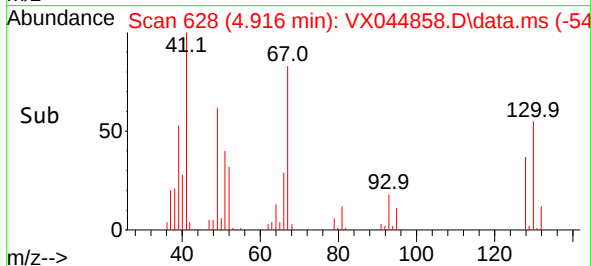
Tgt Ion: 41 Resp: 26704
Ion Ratio Lower Upper
41 100
39 54.7 27.1 81.3
67 72.8 35.8 107.4
52 28.5 14.4 43.2

Manual Integrations

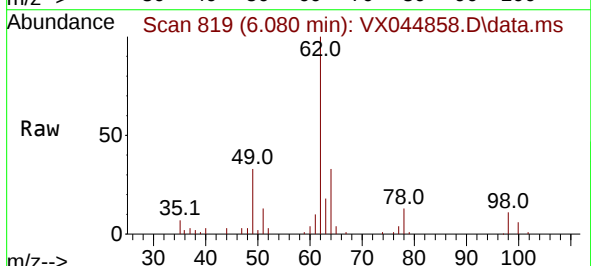
APPROVED

Reviewed By :John Carlone 02/10/2025

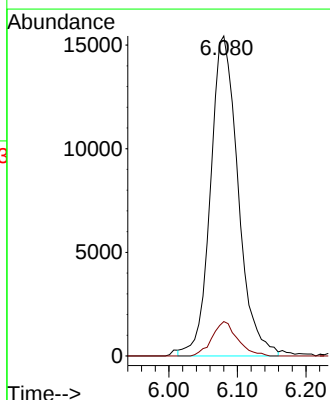
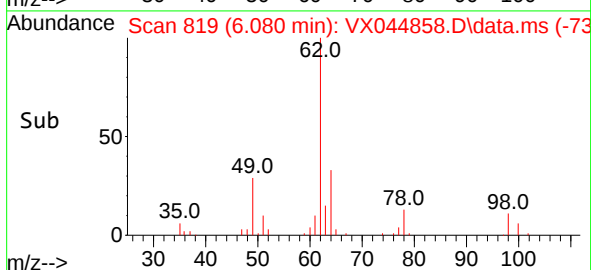
Supervised By :Mahesh Dadoda 02/10/2025

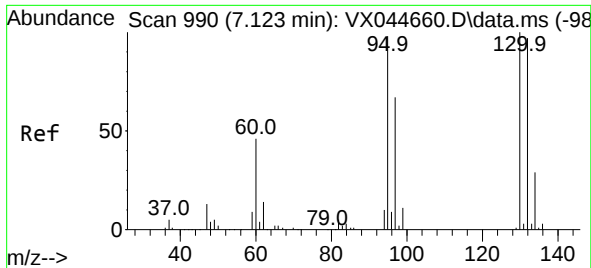


#36
1,2-Dichloroethane
Concen: 20.021 ug/l
RT: 6.080 min Scan# 819
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



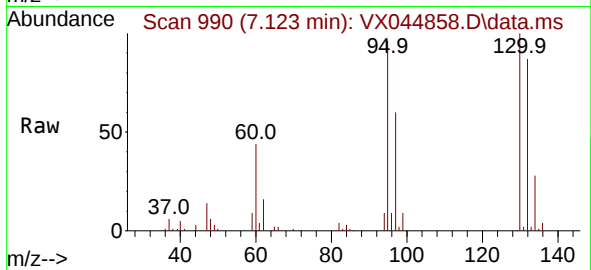
Tgt Ion: 62 Resp: 43210
Ion Ratio Lower Upper
62 100
98 9.9 7.4 11.2





#37
Trichloroethene
Concen: 20.231 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

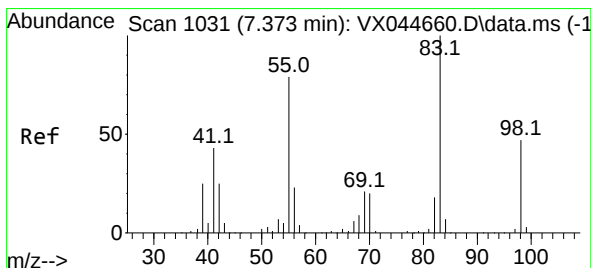
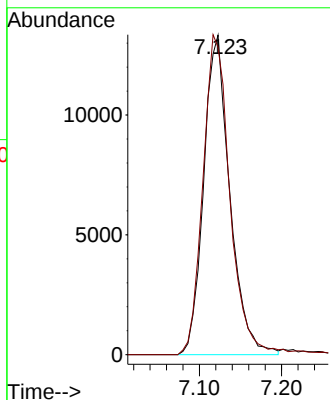
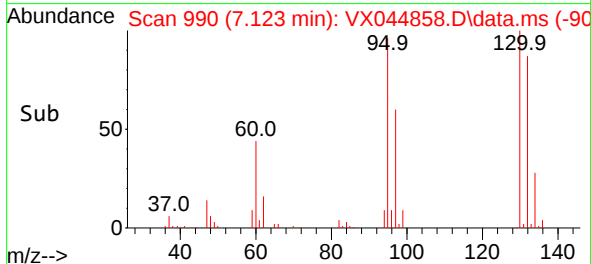
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



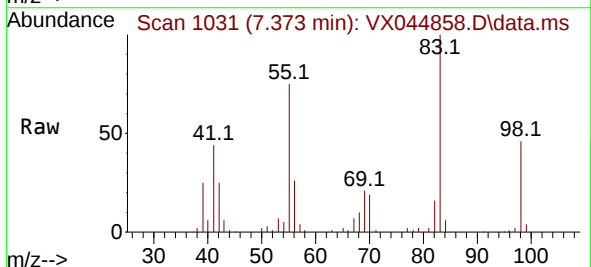
Tgt Ion:130 Resp: 2948
Ion Ratio Lower Upper
130 100
95 96.2 78.2 117.4

Manual Integrations
APPROVED

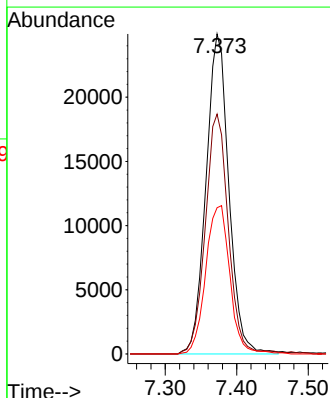
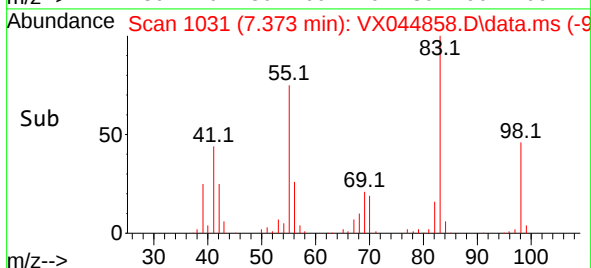
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

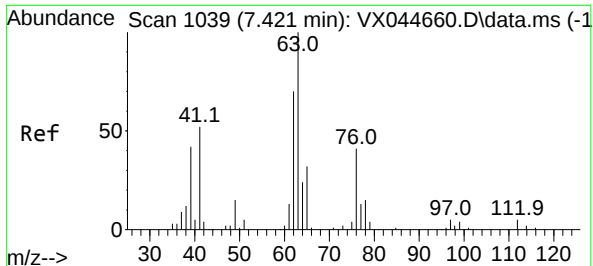


#38
Methylcyclohexane
Concen: 21.518 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



Tgt Ion: 83 Resp: 55315
Ion Ratio Lower Upper
83 100
55 74.8 38.4 115.2
98 49.0 24.4 73.4





#39

1,2-Dichloropropane

Concen: 21.702 ug/l

RT: 7.427 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tgt Ion: 63 Resp: 3266

Ion Ratio Lower Upper

63 100

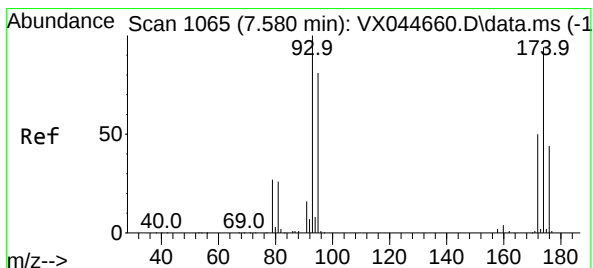
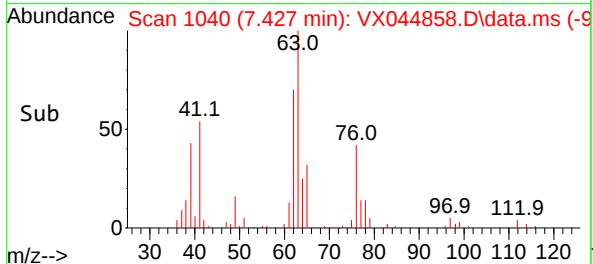
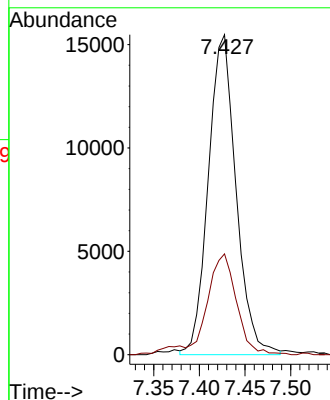
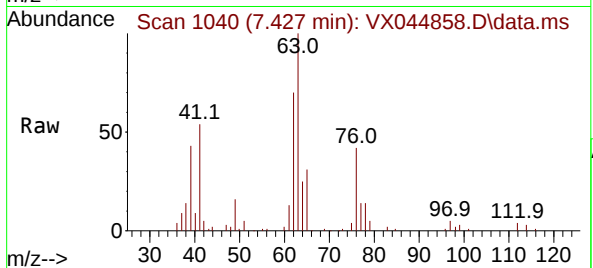
65 31.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#40

Dibromomethane

Concen: 20.504 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

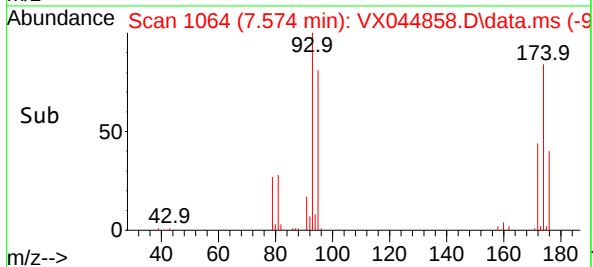
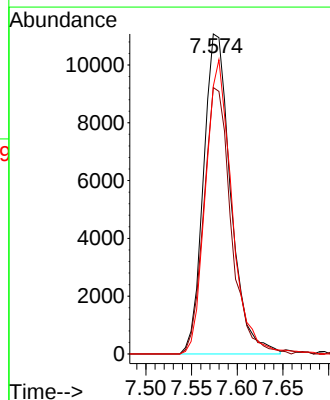
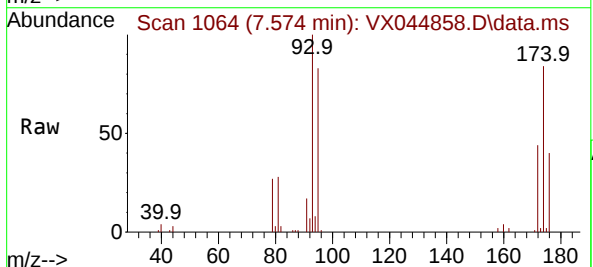
Tgt Ion: 93 Resp: 22946

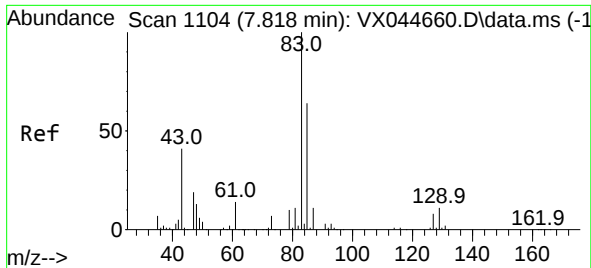
Ion Ratio Lower Upper

93 100

95 83.3 0.0 167.0

174 89.0 0.0 182.0





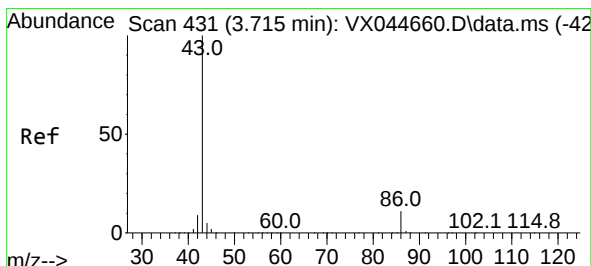
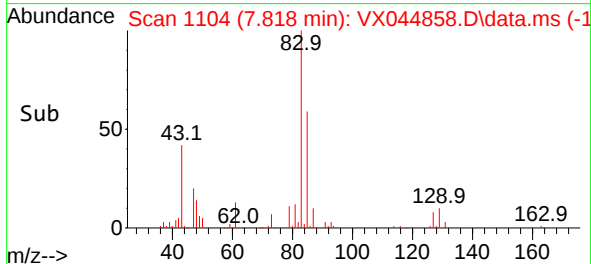
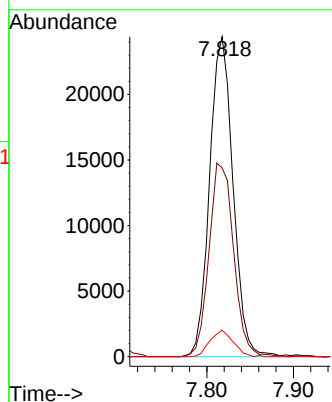
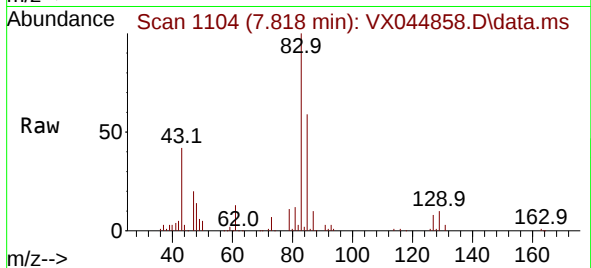
#41
Bromodichloromethane
Concen: 19.848 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion: 83 Resp: 45864
Ion Ratio Lower Upper
83 100
85 59.0 50.9 76.3
127 8.3 6.5 9.7

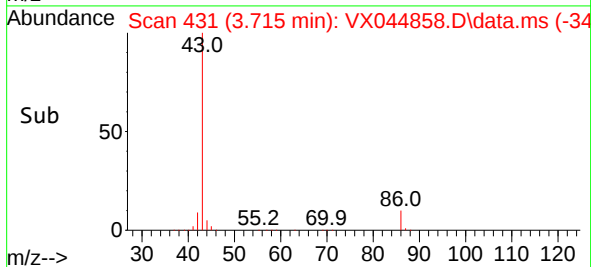
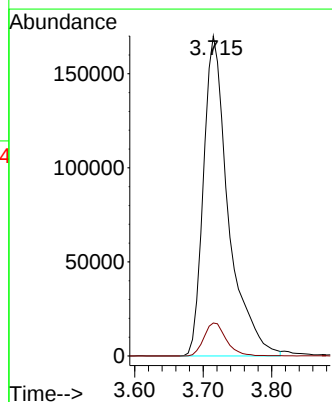
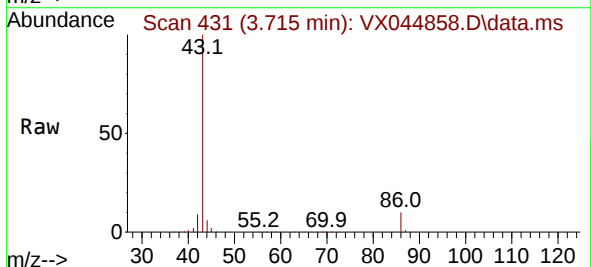
Manual Integrations
APPROVED

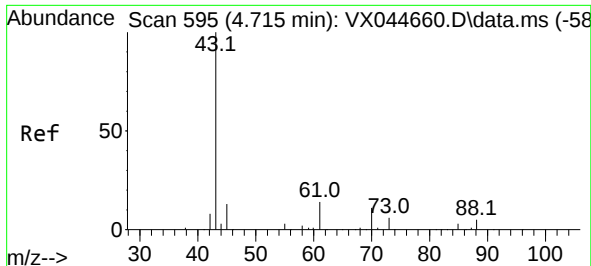
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#42
Vinyl Acetate
Concen: 104.461 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Tgt Ion: 43 Resp: 431167
Ion Ratio Lower Upper
43 100
86 9.3 8.0 12.0





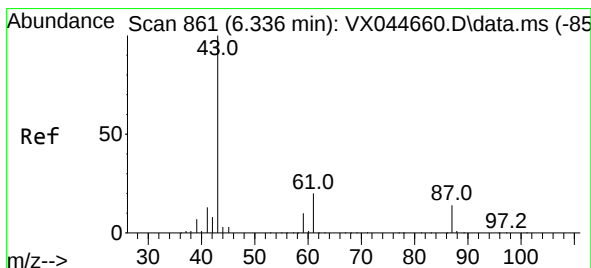
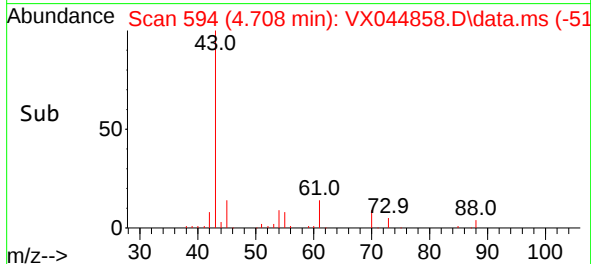
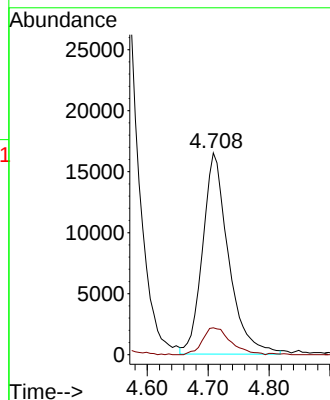
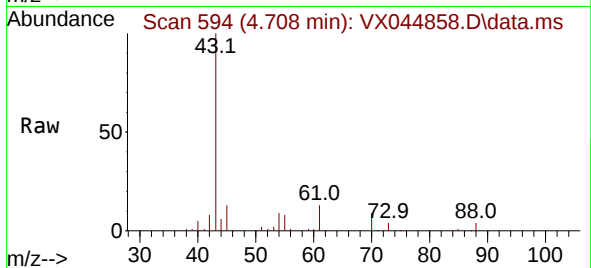
#43
Ethyl Acetate
Concen: 23.899 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion: 43 Resp: 48725
Ion Ratio Lower Upper
43 100
45 14.5 0.1 0.15

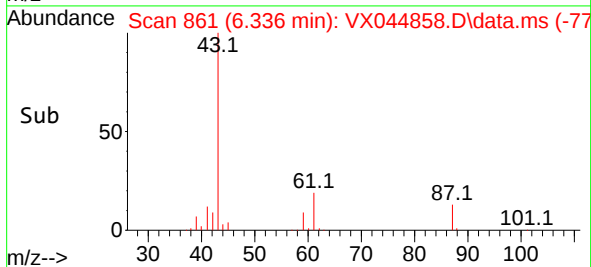
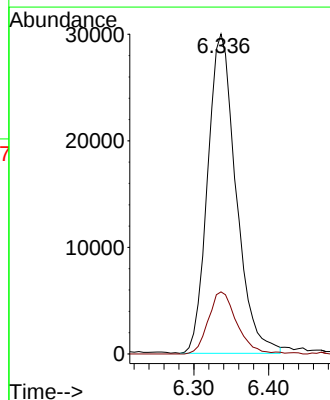
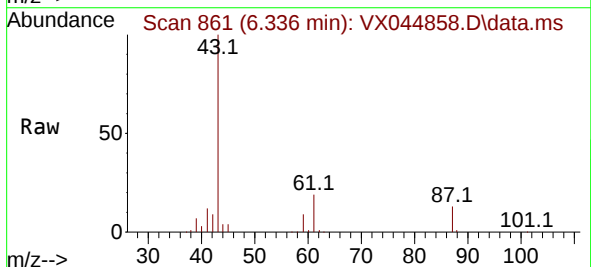
Manual Integrations
APPROVED

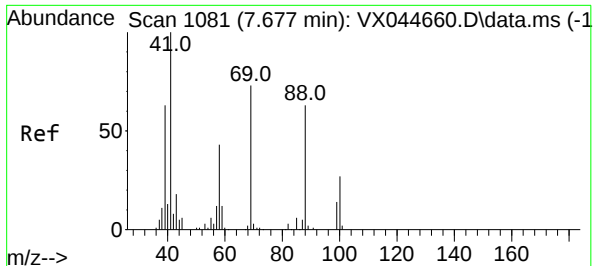
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#44
Isopropyl Acetate
Concen: 21.611 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

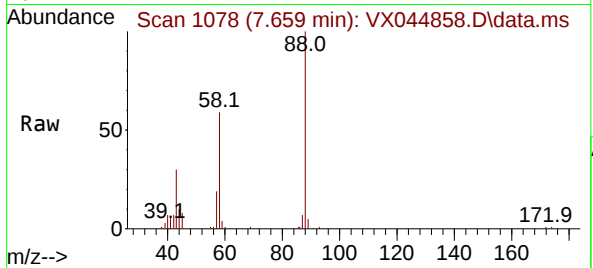
Tgt Ion: 43 Resp: 79155
Ion Ratio Lower Upper
43 100
61 19.3 16.2 24.4





#45
1,4-Dioxane
Concen: 485.762 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.018 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

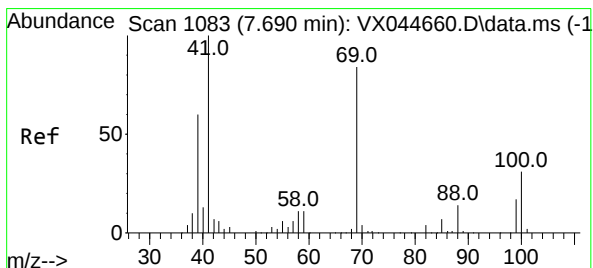
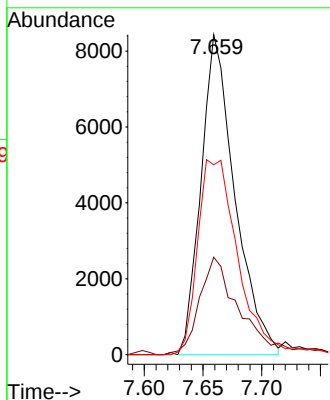
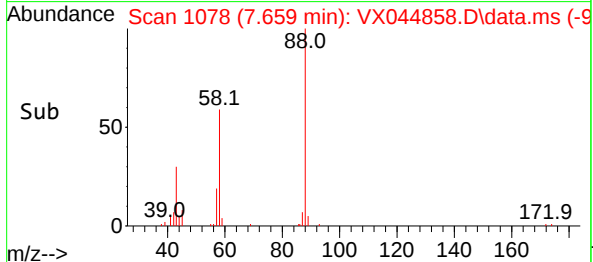
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 88 Resp: 1694
Ion Ratio Lower Upper
88 100
43 33.8 25.9 38.9
58 71.3 58.9 88.3

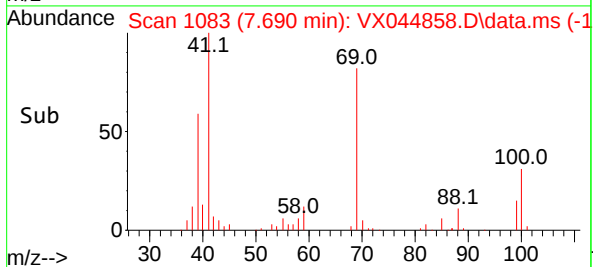
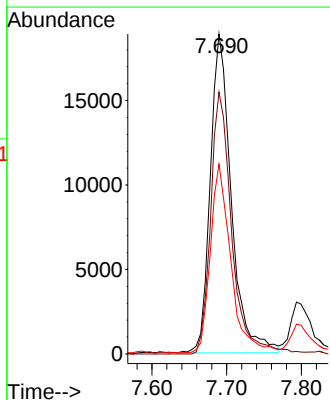
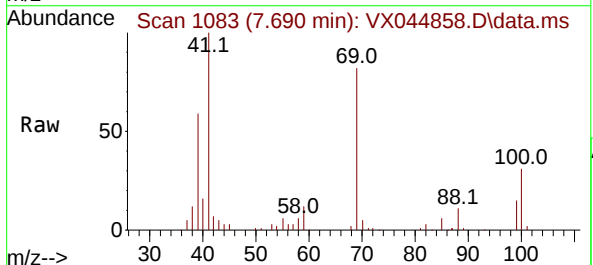
Manual Integrations
APPROVED

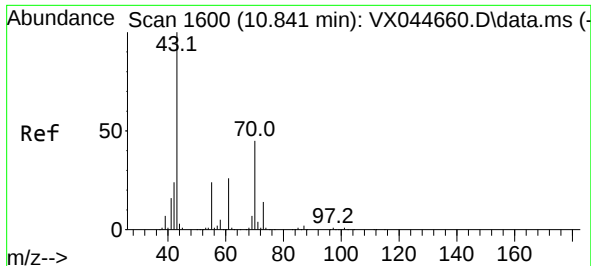
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#46
Methyl methacrylate
Concen: 20.612 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Tgt Ion: 41 Resp: 36954
Ion Ratio Lower Upper
41 100
69 82.1 41.9 125.7
39 59.1 30.1 90.3





#47

n-amy1 Acetate

Concen: 21.555 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tgt Ion: 43 Resp: 6625

Ion Ratio Lower Upper

43 100

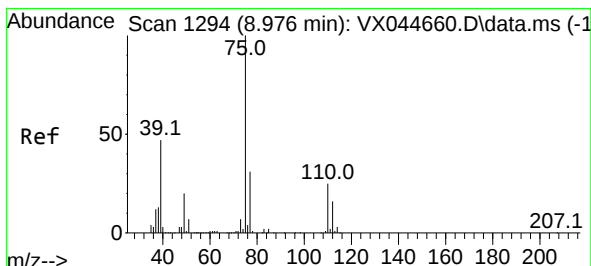
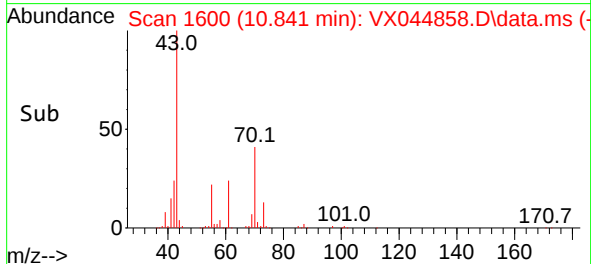
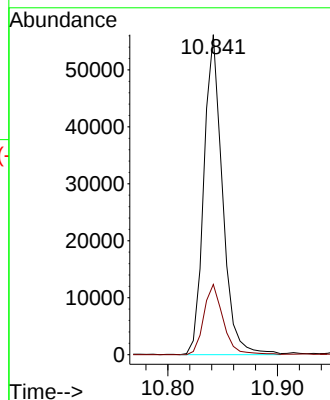
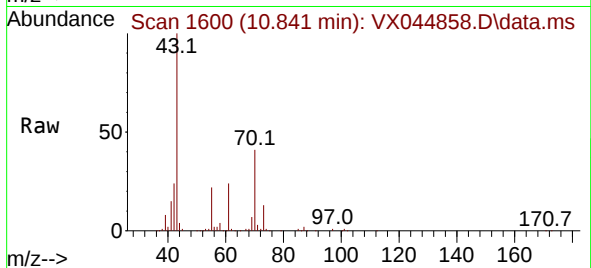
55 22.9 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#48

t-1,3-Dichloropropene

Concen: 18.429 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. -0.000 min

Lab File: VX044858.D

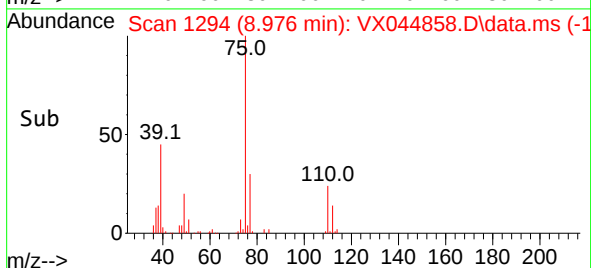
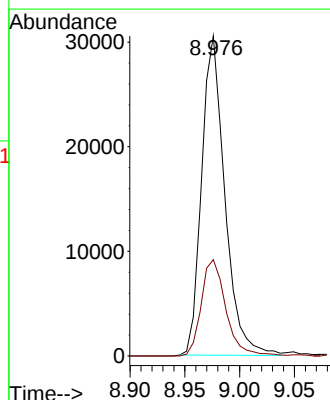
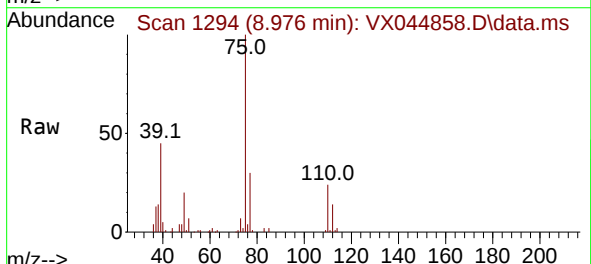
Acq: 07 Feb 2025 11:01

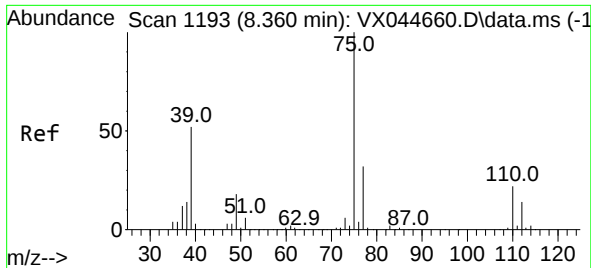
Tgt Ion: 75 Resp: 44947

Ion Ratio Lower Upper

75 100

77 30.2 24.8 37.2





#49

cis-1,3-Dichloropropene

Concen: 19.524 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tgt Ion: 75 Resp: 51060

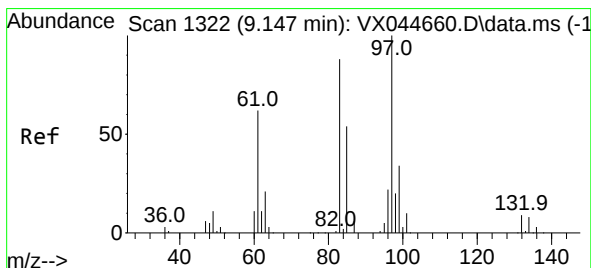
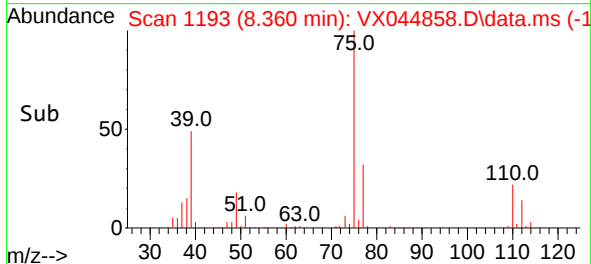
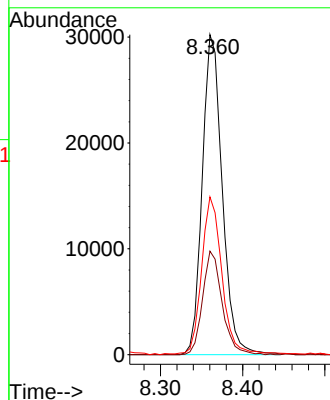
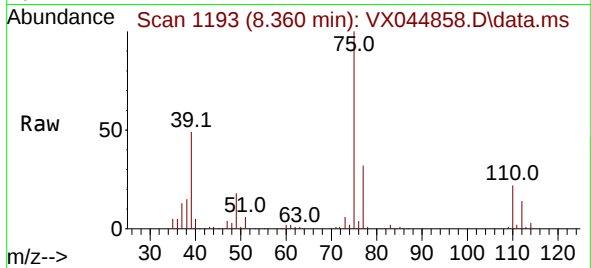
Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0
39	48.8	41.4	62.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#50

1,1,2-Trichloroethane

Concen: 22.044 ug/l

RT: 9.147 min Scan# 1322

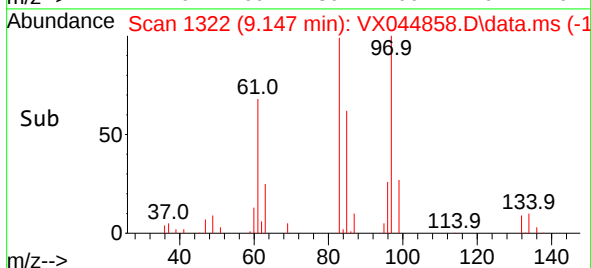
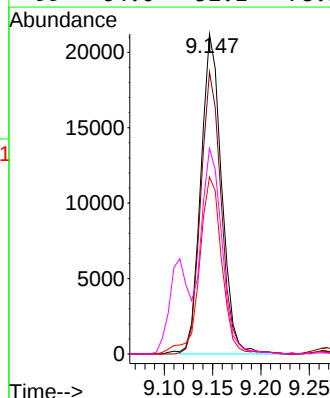
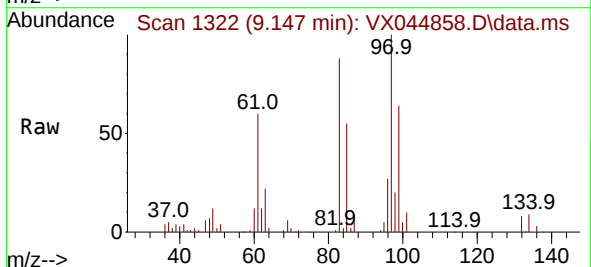
Delta R.T. -0.000 min

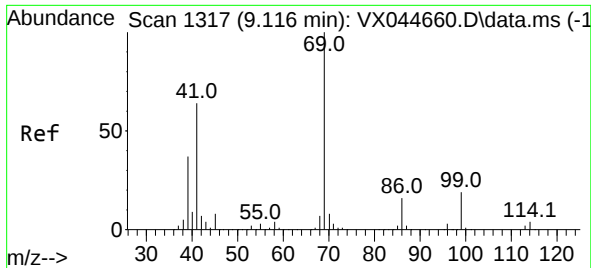
Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

Tgt Ion: 97 Resp: 31771

Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.2	103.8
85	54.9	44.8	67.2
99	64.0	52.1	78.1





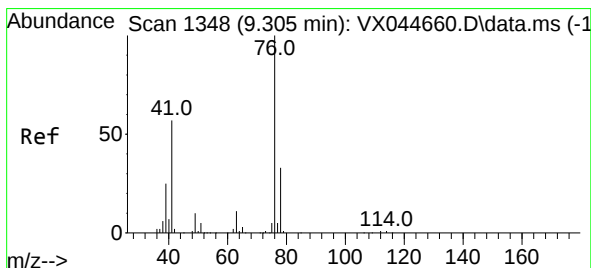
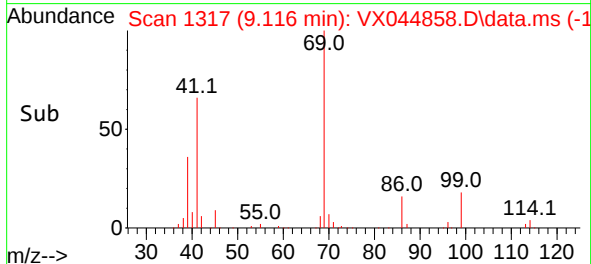
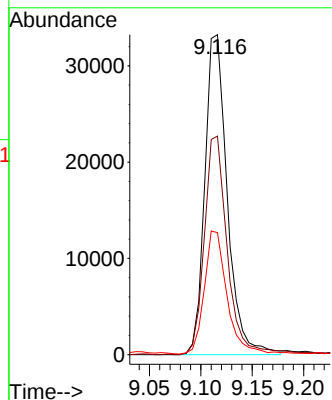
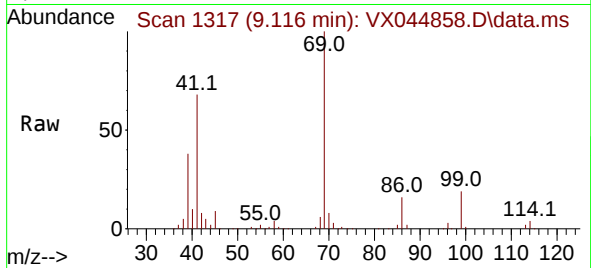
#51
Ethyl methacrylate
Concen: 20.219 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion: 69 Resp: 5062
Ion Ratio Lower Upper
69 100
41 68.3 32.0 96.0
39 37.9 18.6 55.6

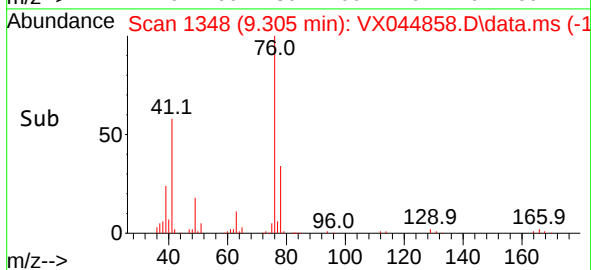
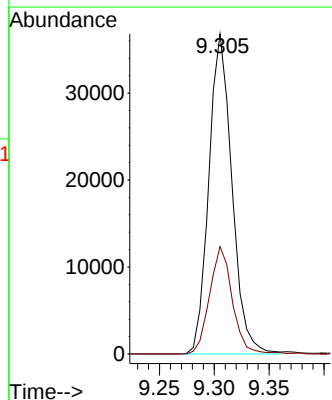
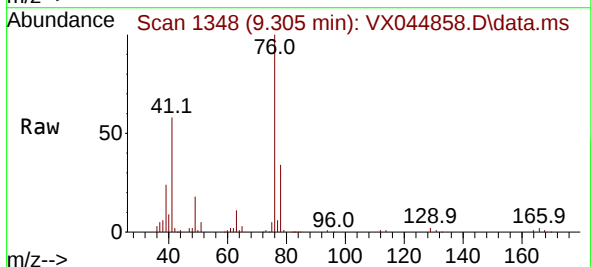
Manual Integrations
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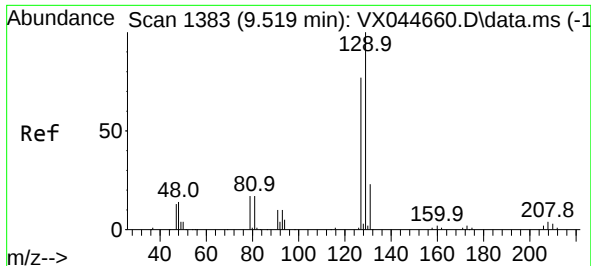
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#52
1,3-Dichloropropane
Concen: 21.640 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Tgt Ion: 76 Resp: 53944
Ion Ratio Lower Upper
76 100
78 32.9 0.0 64.0





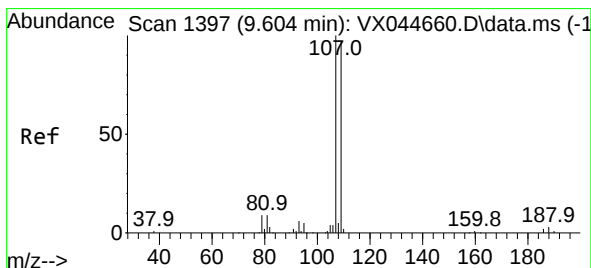
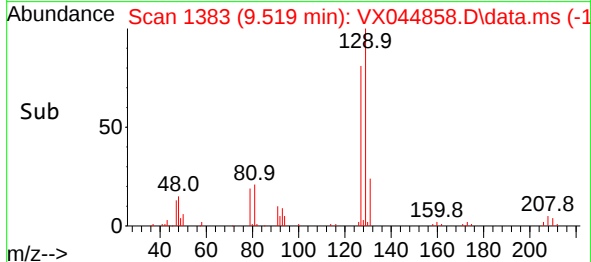
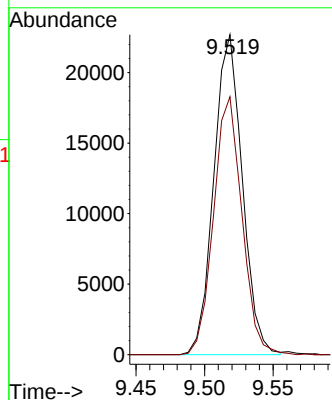
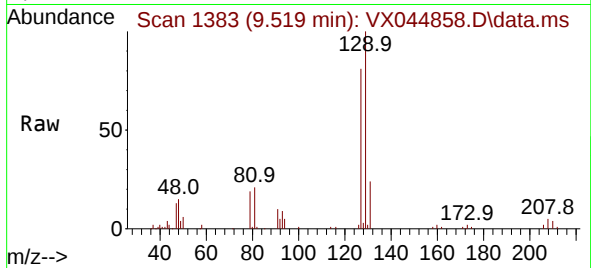
#53
Dibromochloromethane
Concen: 19.037 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion:129 Resp: 3278
Ion Ratio Lower Upper
129 100
127 80.3 37.8 113.4

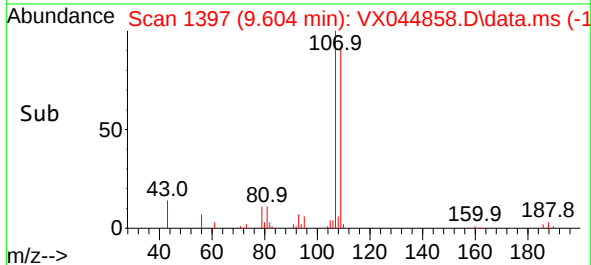
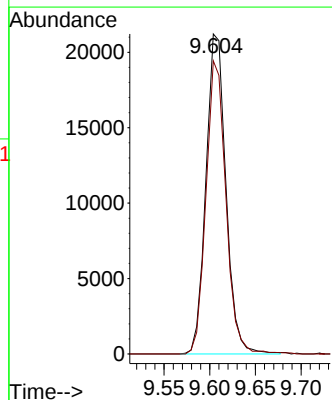
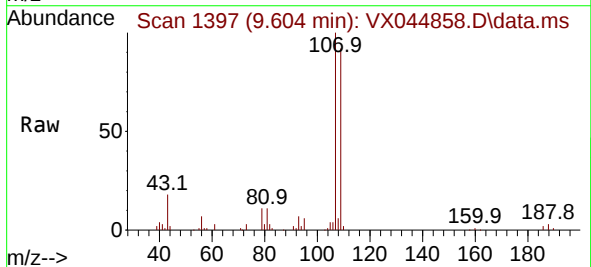
Manual Integrations
APPROVED

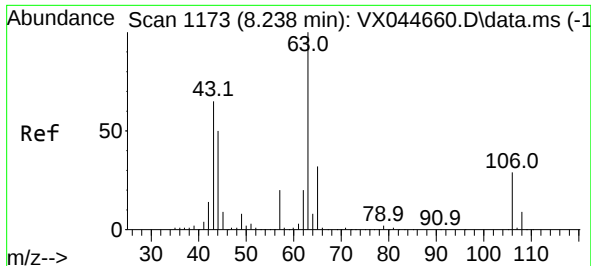
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#54
1,2-Dibromoethane
Concen: 21.163 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

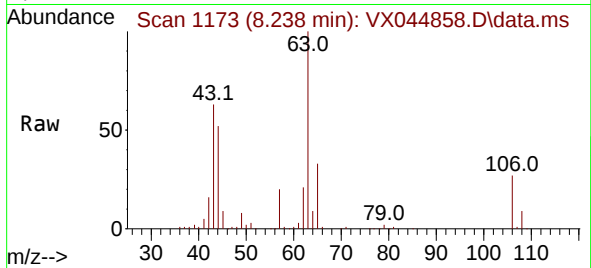
Tgt Ion:107 Resp: 32244
Ion Ratio Lower Upper
107 100
109 90.3 75.5 113.3





#55
2-Chloroethyl vinyl ether
Concen: 92.629 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

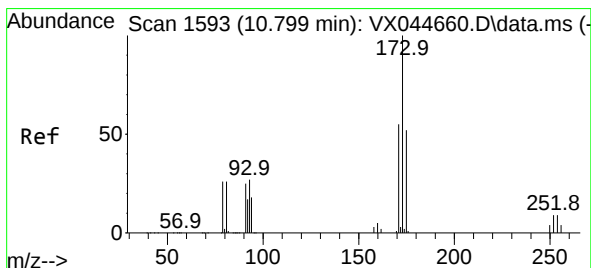
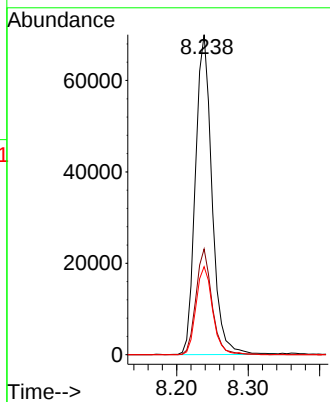
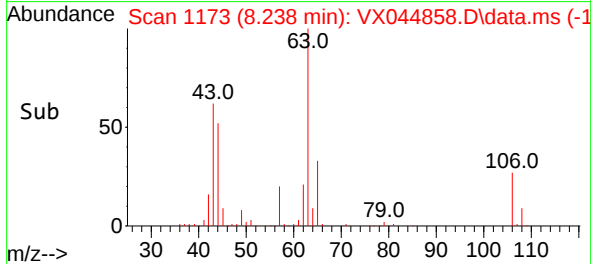
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 63 Resp: 112529
Ion Ratio Lower Upper
63 100
65 31.8 25.8 38.6
106 27.1 23.1 34.7

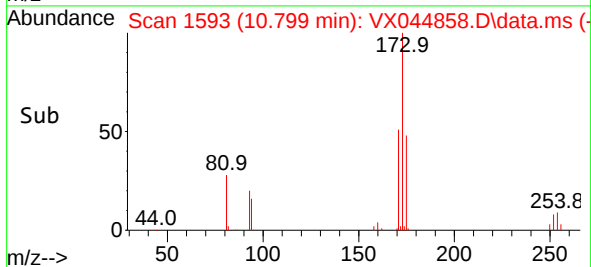
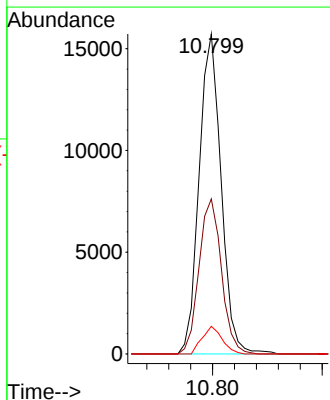
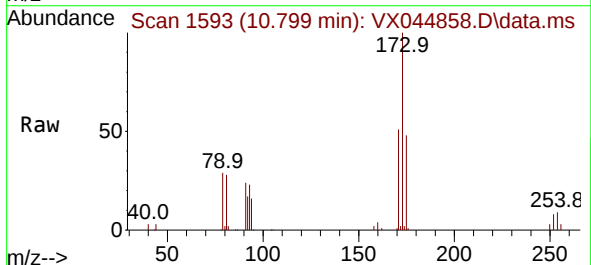
Manual Integrations
APPROVED

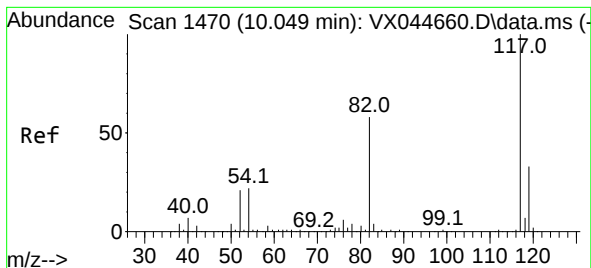
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#56
Bromoform
Concen: 19.140 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

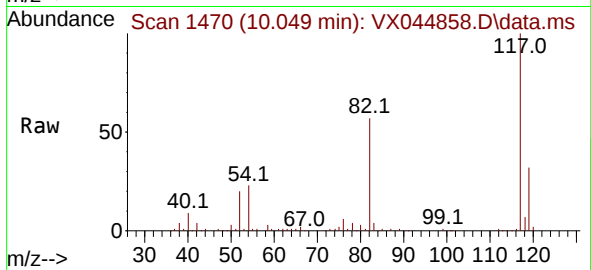
Tgt Ion:173 Resp: 21858
Ion Ratio Lower Upper
173 100
175 49.4 39.0 58.6
254 7.8 6.5 9.7





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

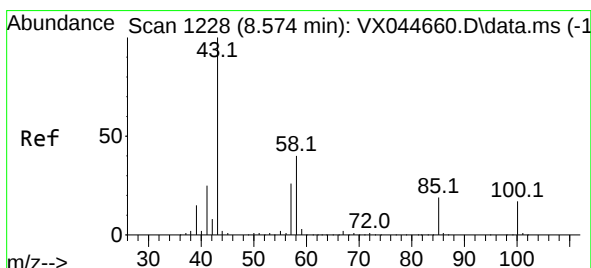
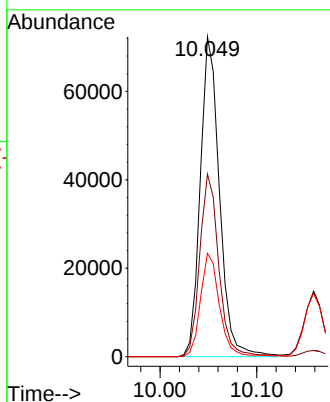
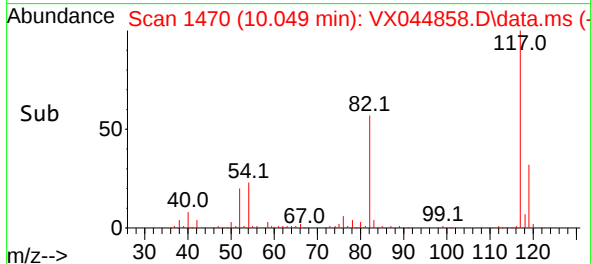
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 117 Resp: 100274
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.6
119 32.0 25.8 38.6

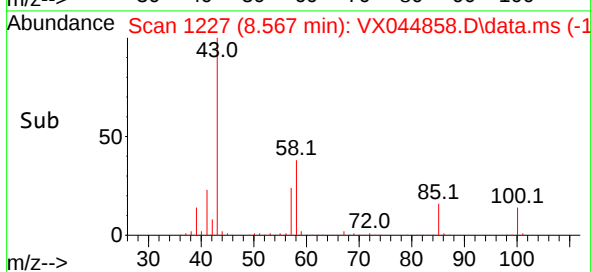
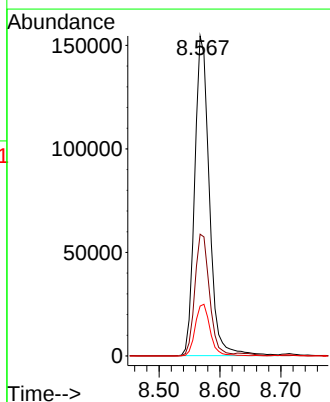
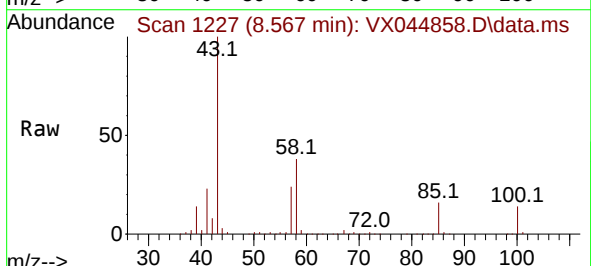
Manual Integrations
APPROVED

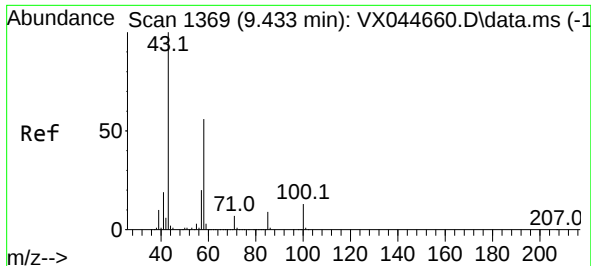
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#58
4-Methyl-2-Pentanone
Concen: 122.376 ug/l
RT: 8.567 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

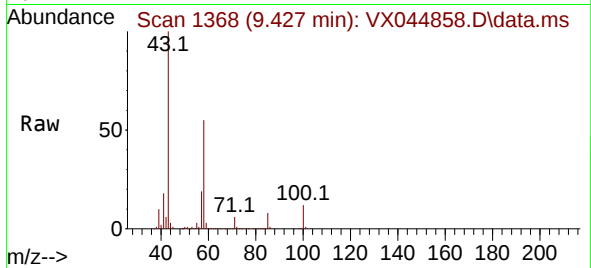
Tgt Ion: 43 Resp: 258658
Ion Ratio Lower Upper
43 100
58 38.1 31.7 47.5
85 16.5 15.0 22.6





#59
2-Hexanone
Concen: 122.210 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

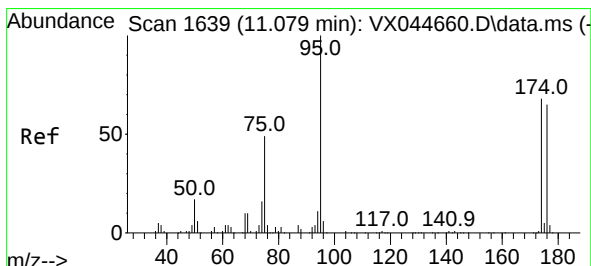
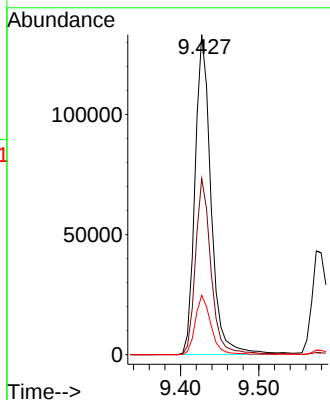
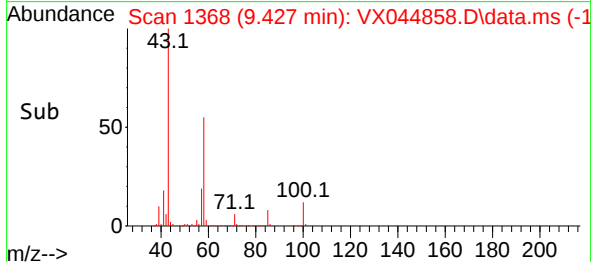
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 43 Resp: 18910
Ion Ratio Lower Upper
43 100
58 53.6 44.4 66.6
57 18.3 15.5 23.3

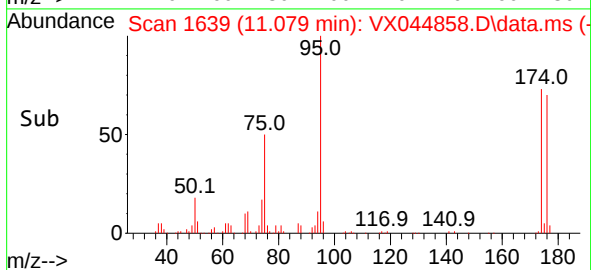
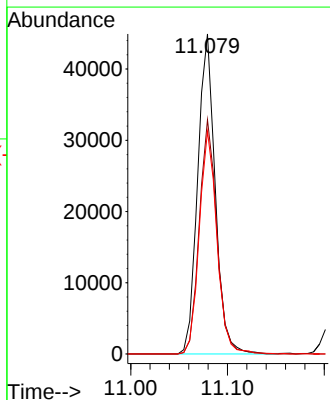
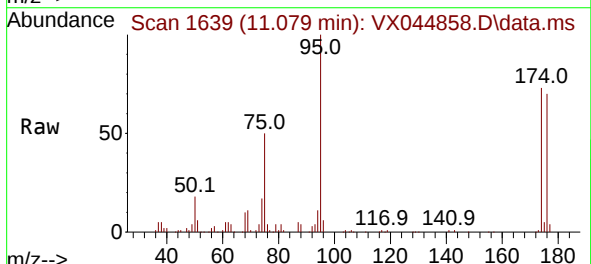
Manual Integrations
APPROVED

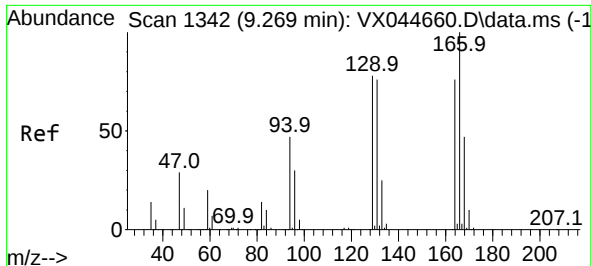
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#60
4-Bromofluorobenzene
Concen: 29.112 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

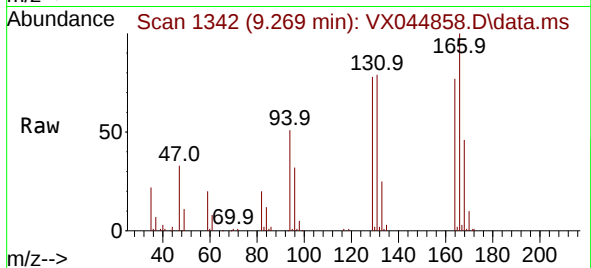
Tgt Ion: 95 Resp: 56701
Ion Ratio Lower Upper
95 100
174 73.4 54.6 81.8
176 70.0 52.8 79.2





#61
Tetrachloroethene
Concen: 20.021 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

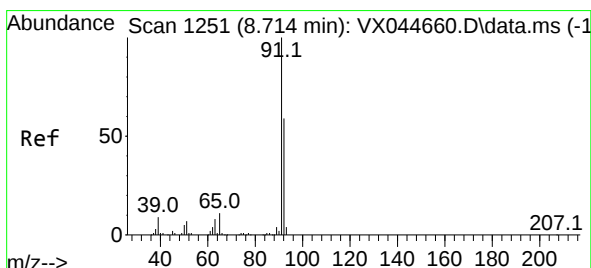
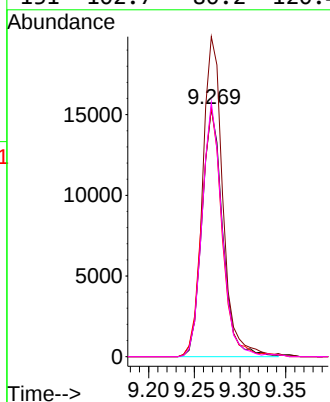
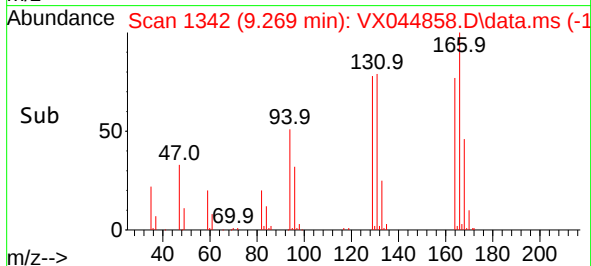
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



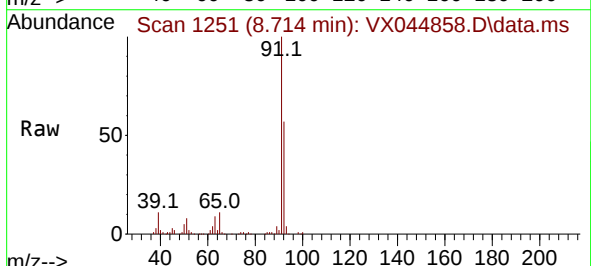
Tgt Ion:164 Resp: 2408
Ion Ratio Lower Upper
164 100
166 129.2 105.6 158.4
129 100.7 82.8 124.2
131 102.7 80.2 120.4

Manual Integrations
APPROVED

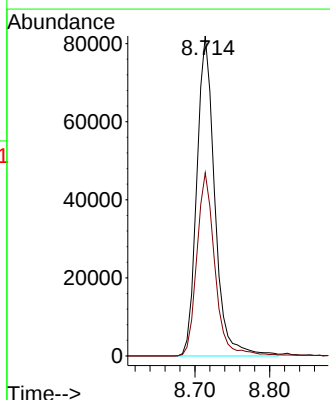
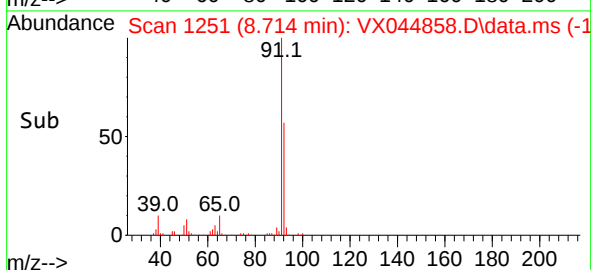
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

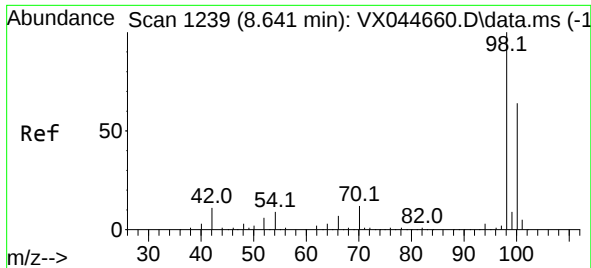


#62
Toluene
Concen: 20.726 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



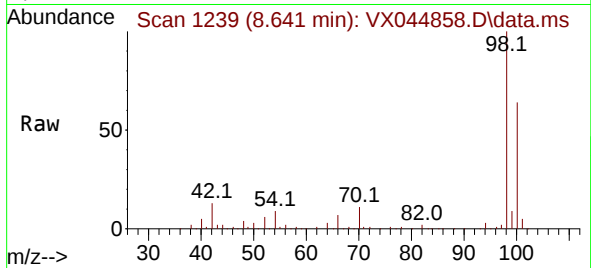
Tgt Ion: 91 Resp: 136850
Ion Ratio Lower Upper
91 100
92 57.5 47.3 70.9





#63
Toluene-d8
Concen: 29.293 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

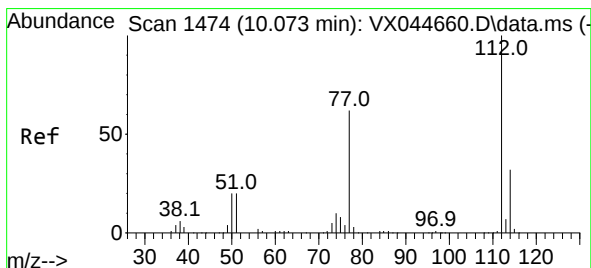
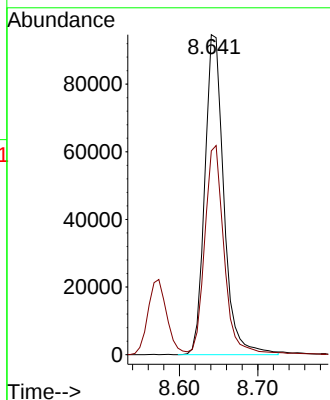
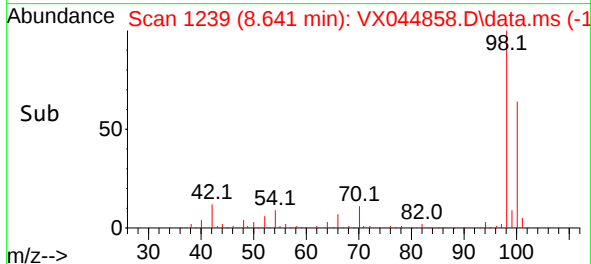
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



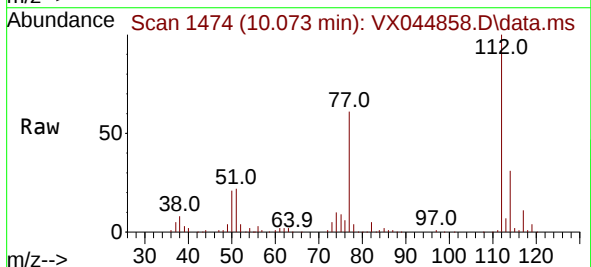
Tgt Ion: 98 Resp: 159762
Ion Ratio Lower Upper
98 100
100 65.3 53.6 80.4

Manual Integrations
APPROVED

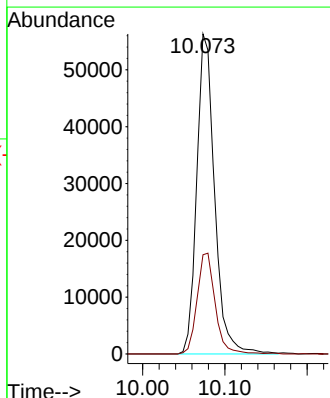
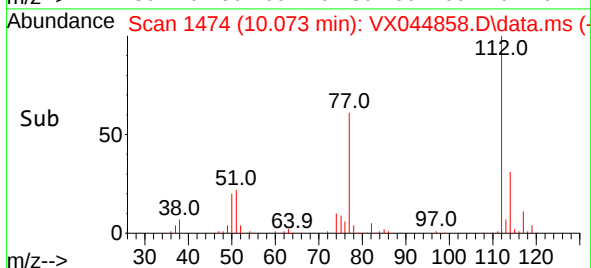
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

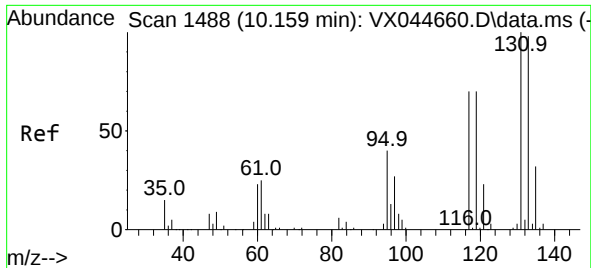


#64
Chlorobenzene
Concen: 20.722 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



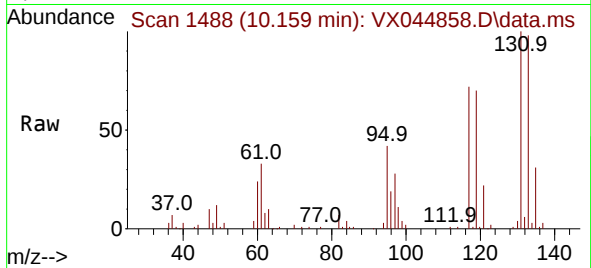
Tgt Ion:112 Resp: 84973
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3





#65
1,1,1,2-Tetrachloroethane
Concen: 18.947 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

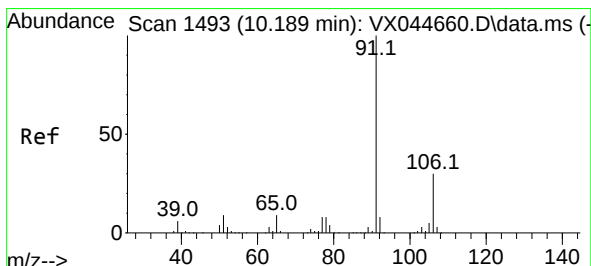
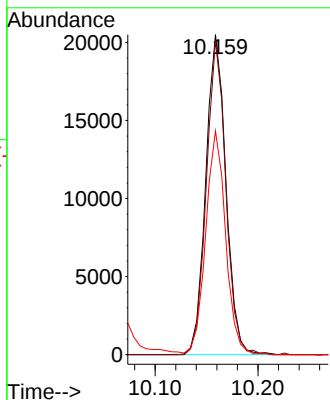
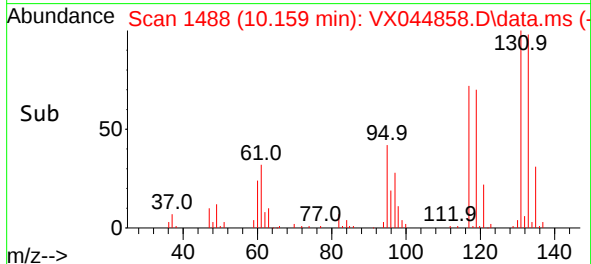
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion:131 Resp: 27909
Ion Ratio Lower Upper
131 100
133 94.9 0.0 192.4
119 68.4 0.0 133.4

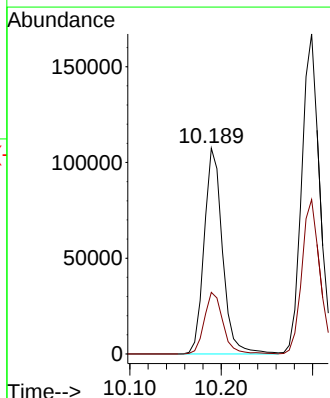
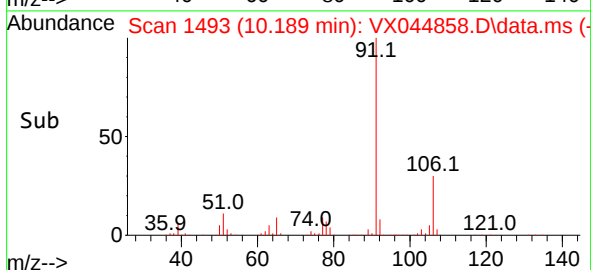
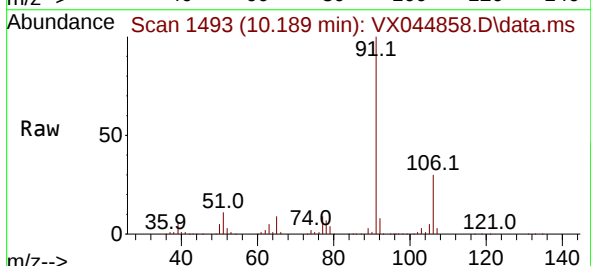
Manual Integrations
APPROVED

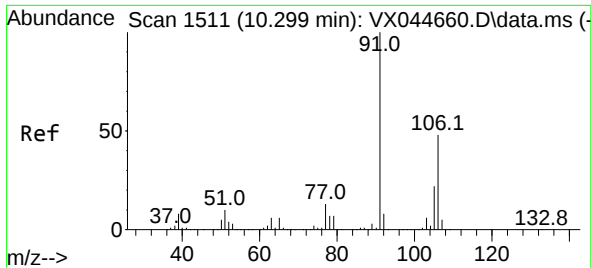
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#66
Ethyl Benzene
Concen: 20.754 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

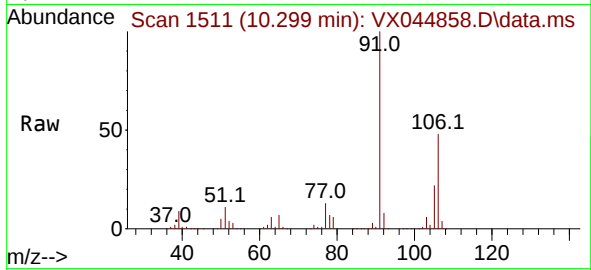
Tgt Ion: 91 Resp: 149546
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0





#67
m/p-Xylenes
Concen: 42.760 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

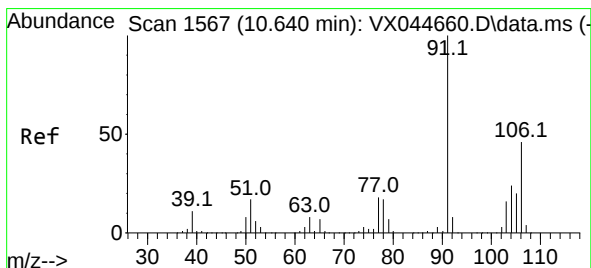
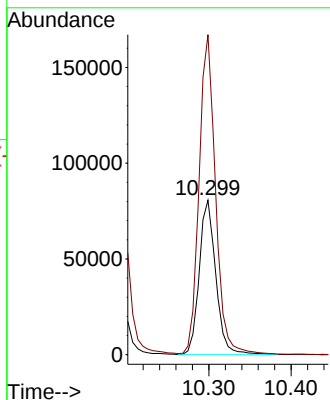
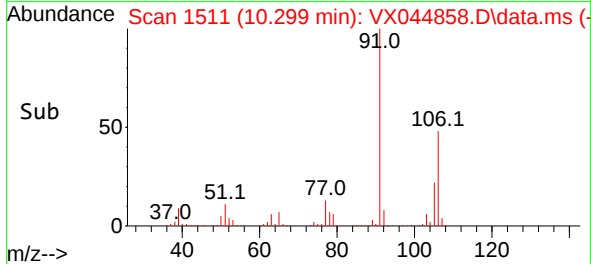
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion:106 Resp: 113258
Ion Ratio Lower Upper
106 100
91 204.7 166.8 250.2

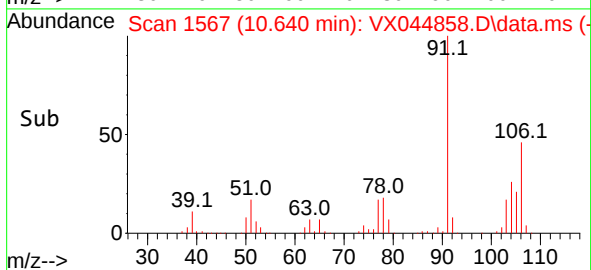
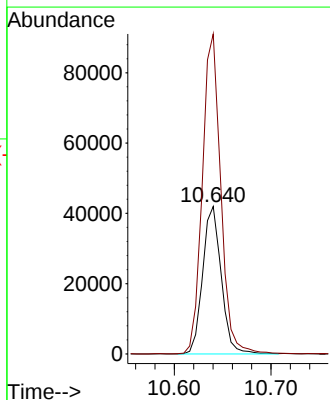
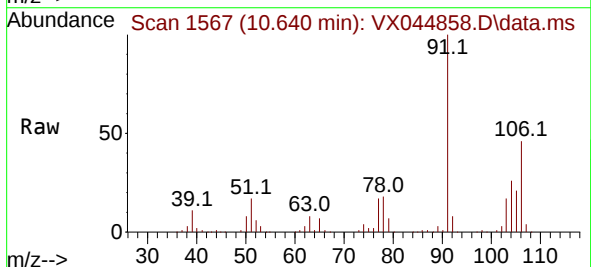
Manual Integrations
APPROVED

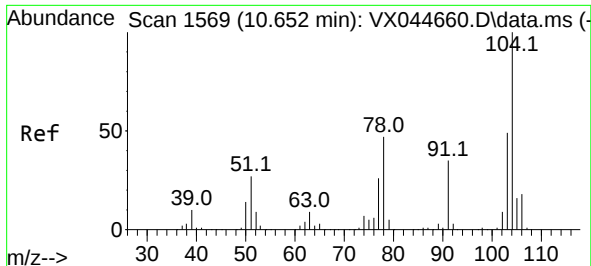
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#68
o-Xylene
Concen: 21.154 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

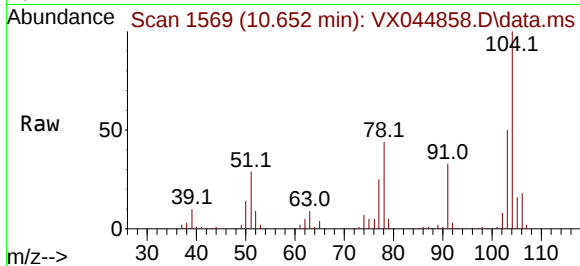
Tgt Ion:106 Resp: 56236
Ion Ratio Lower Upper
106 100
91 215.1 109.7 329.1





#69
Styrene
Concen: 21.569 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

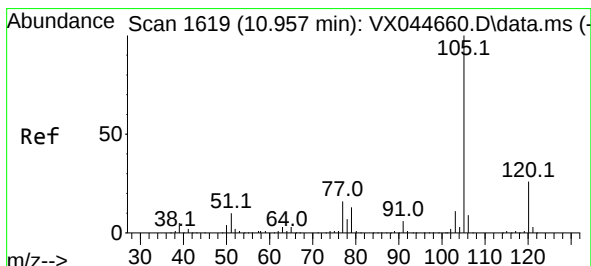
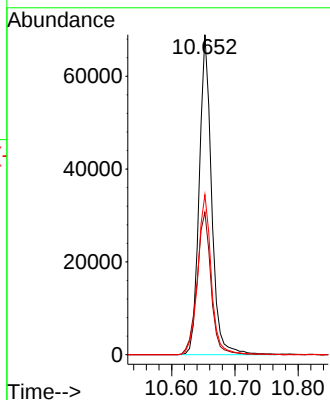
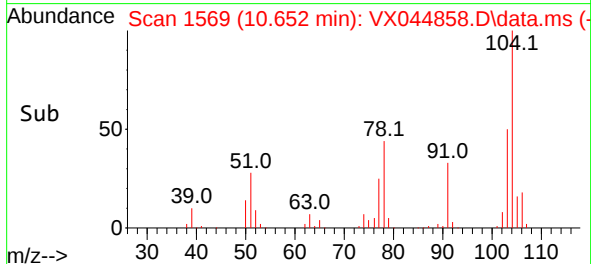
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



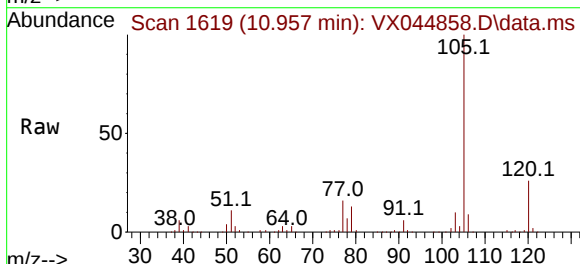
Tgt Ion:104 Resp: 9414
Ion Ratio Lower Upper
104 100
78 50.2 42.0 63.0
103 54.3 43.1 64.7

Manual Integrations
APPROVED

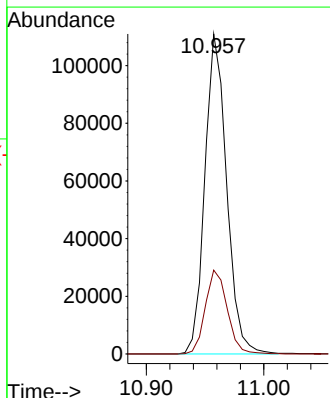
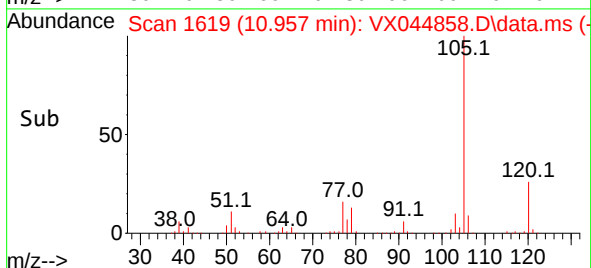
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

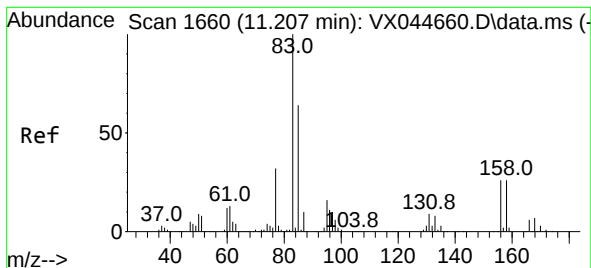


#70
Isopropylbenzene
Concen: 21.388 ug/l
RT: 10.957 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



Tgt Ion:105 Resp: 142933
Ion Ratio Lower Upper
105 100
120 26.3 18.6 34.6





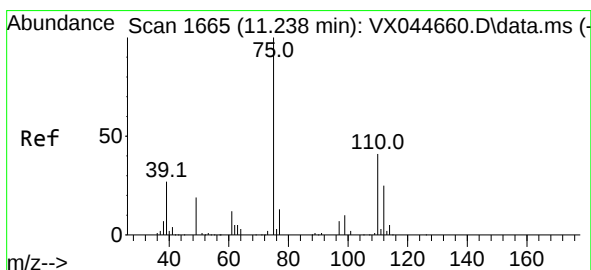
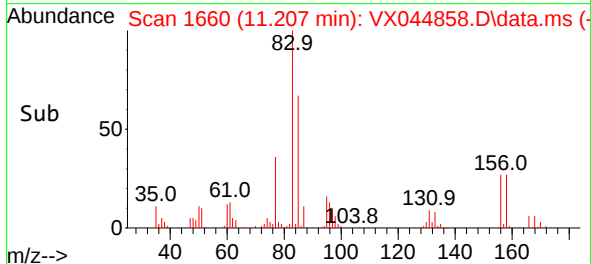
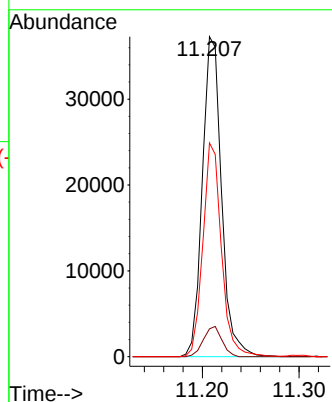
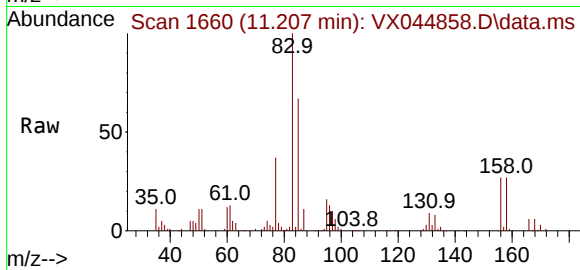
#71
 1,1,2,2-Tetrachloroethane
 Concen: 22.919 ug/l
 RT: 11.207 min Scan# 1660
 Delta R.T. 0.000 min
 Lab File: VX044858.D
 Acq: 07 Feb 2025 11:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01

Tgt Ion: 83 Resp: 51489
 Ion Ratio Lower Upper
 83 100
 131 9.1 5.0 14.9
 85 64.6 33.0 99.0

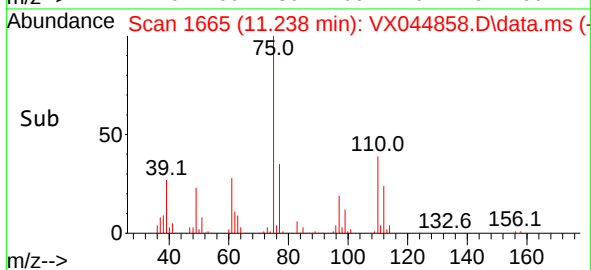
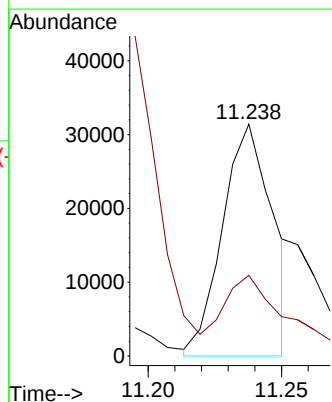
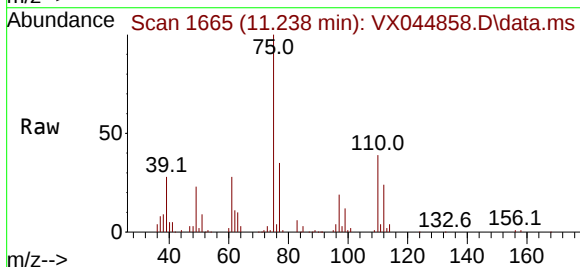
Manual Integrations
 APPROVED

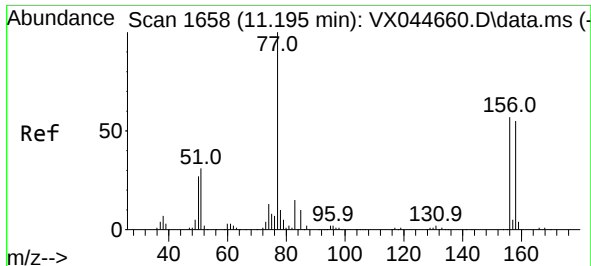
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025



#72
 1,2,3-Trichloropropane
 Concen: 21.674 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX044858.D
 Acq: 07 Feb 2025 11:01

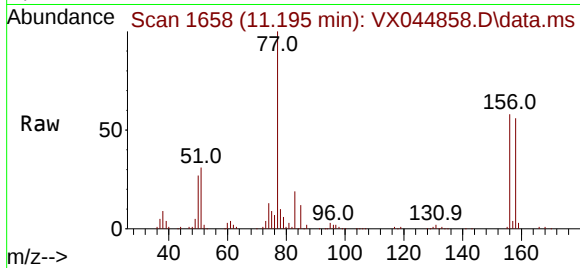
Tgt Ion: 75 Resp: 40966
 Ion Ratio Lower Upper
 75 100
 77 44.6 0.0 83.0





#73
Bromobenzene
Concen: 21.339 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

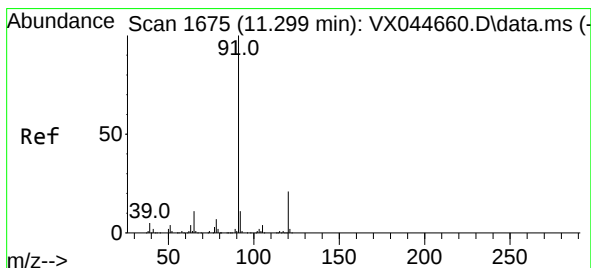
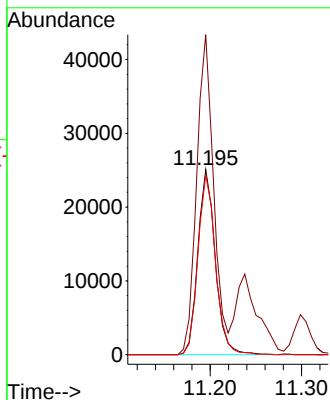
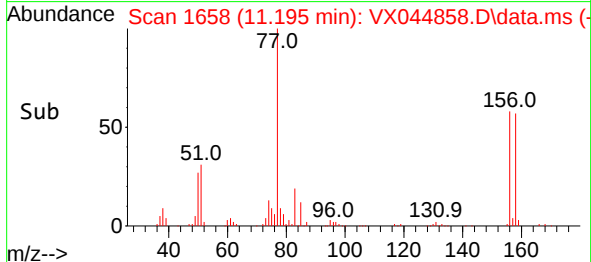
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



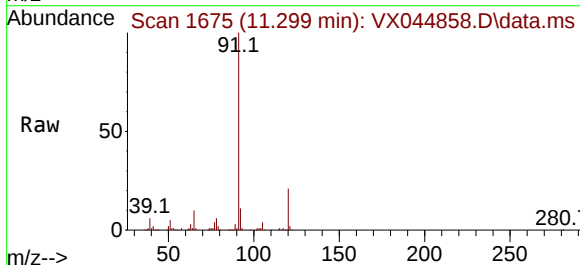
Tgt Ion:156 Resp: 3322
Ion Ratio Lower Upper
156 100
77 168.5 0.0 354.6
158 97.4 0.0 193.6

Manual Integrations
APPROVED

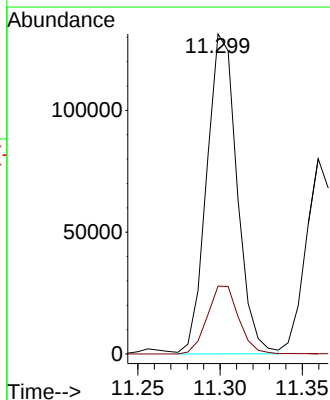
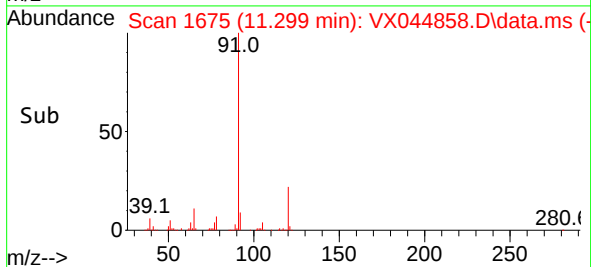
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

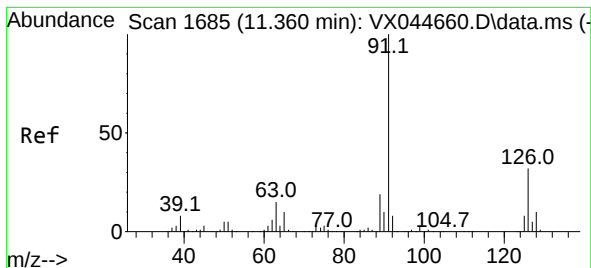


#74
n-propylbenzene
Concen: 22.215 ug/l
RT: 11.299 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



Tgt Ion: 91 Resp: 168630
Ion Ratio Lower Upper
91 100
120 21.9 0.0 45.0





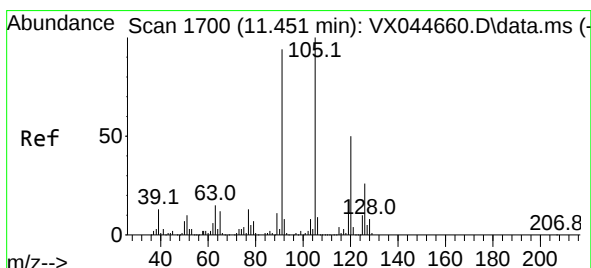
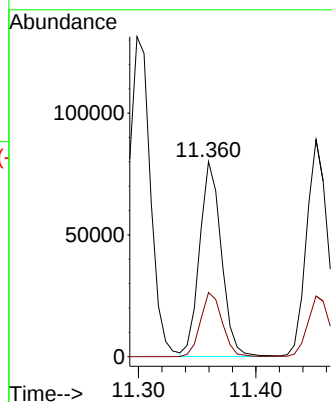
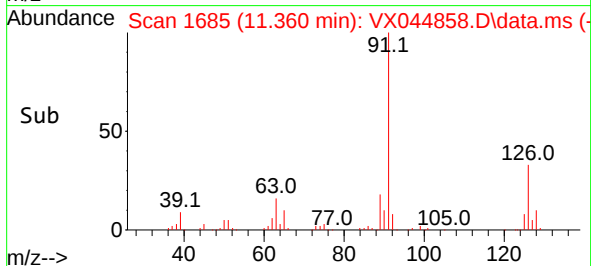
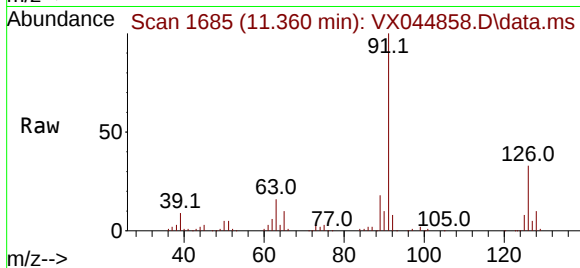
#75
2-Chlorotoluene
Concen: 21.615 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01

Tgt Ion: 91 Resp: 10315
Ion Ratio Lower Upper
91 100
126 32.8 0.0 64.0

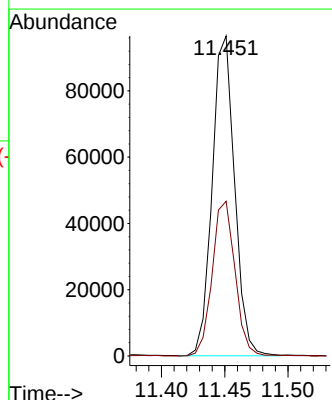
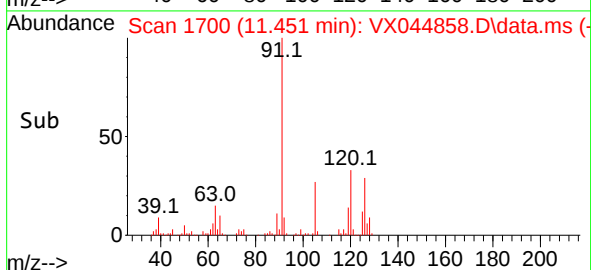
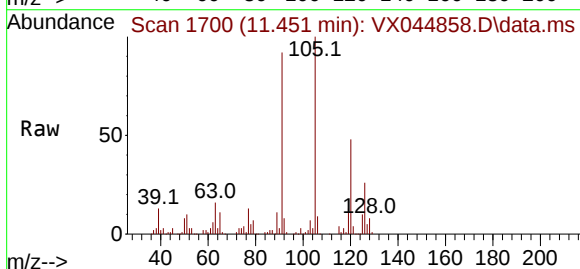
Manual Integrations
APPROVED

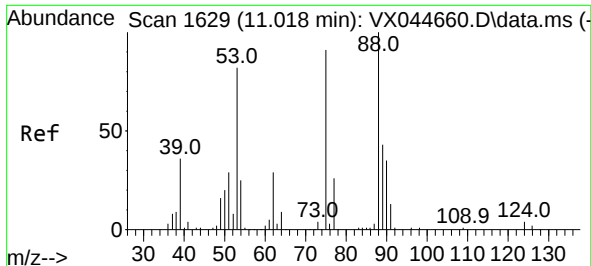
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#76
1,3,5-Trimethylbenzene
Concen: 21.900 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

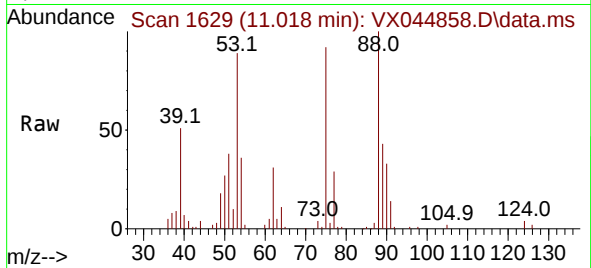
Tgt Ion:105 Resp: 118855
Ion Ratio Lower Upper
105 100
120 49.4 0.0 96.8





#77
t-1,4-Dichloro-2-butene
Concen: 17.172 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

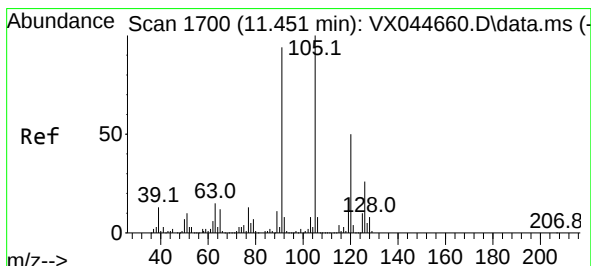
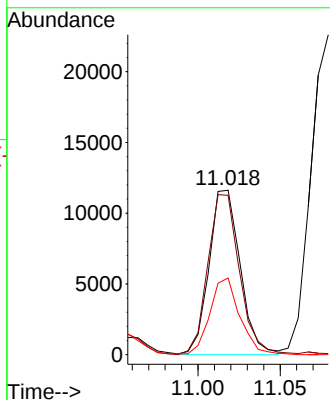
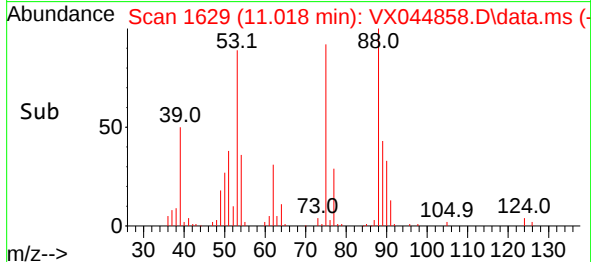
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion: 75 Resp: 15358
Ion Ratio Lower Upper
75 100
53 97.4 45.3 135.9
89 46.3 23.8 71.2

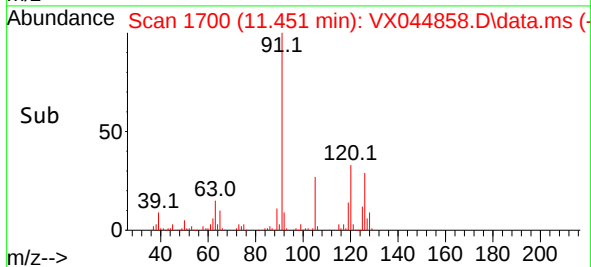
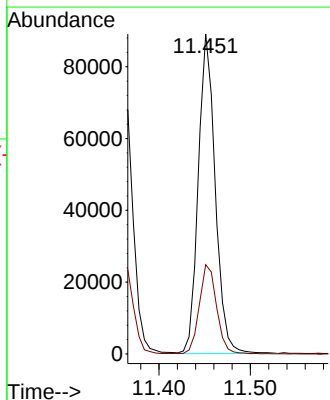
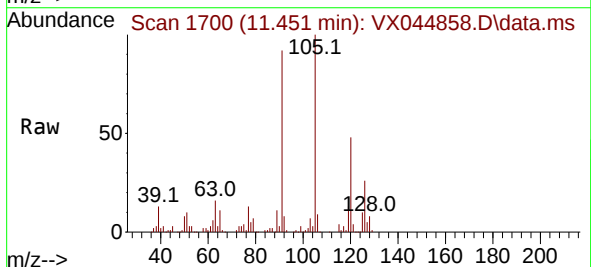
Manual Integrations
APPROVED

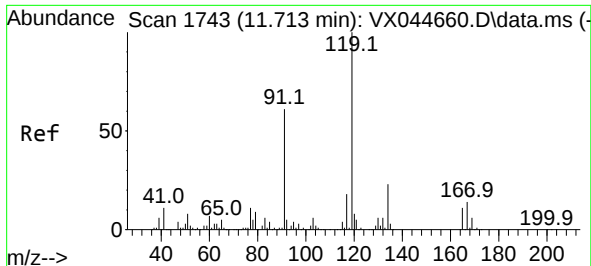
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#78
4-Chlorotoluene
Concen: 21.785 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

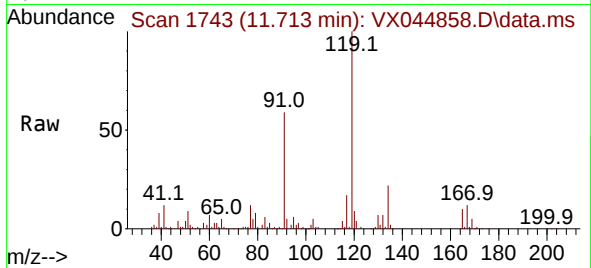
Tgt Ion: 91 Resp: 114553
Ion Ratio Lower Upper
91 100
126 28.6 0.0 55.4





#79
tert-butylbenzene
Concen: 21.815 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

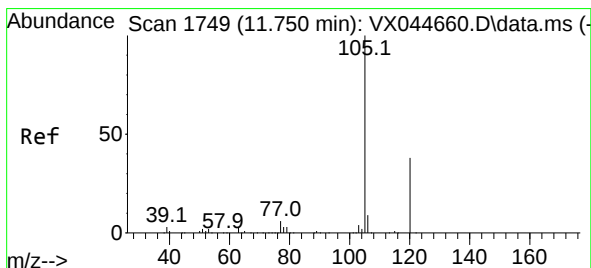
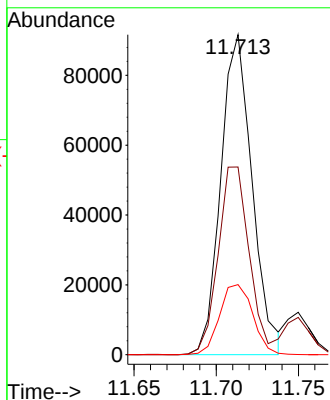
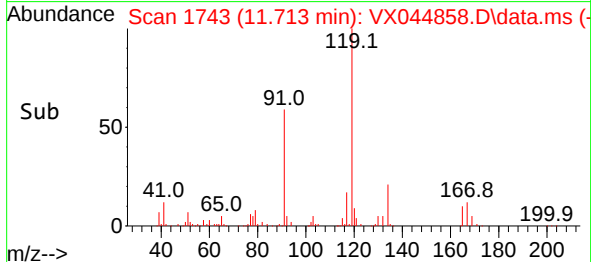
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion:119 Resp: 121630
Ion Ratio Lower Upper
119 100
91 57.8 0.0 119.0
134 23.2 0.0 44.8

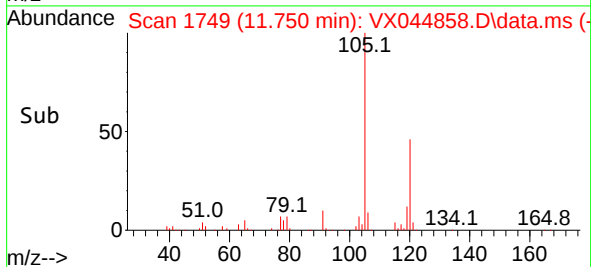
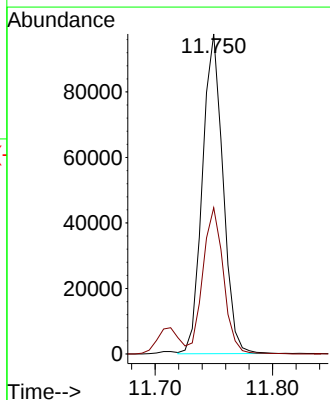
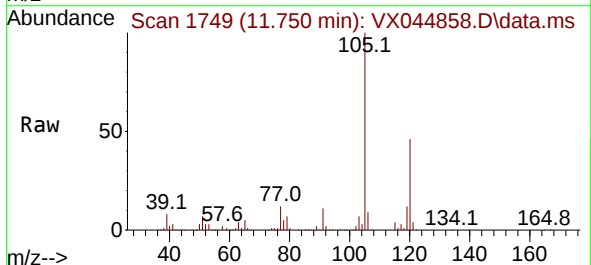
Manual Integrations
APPROVED

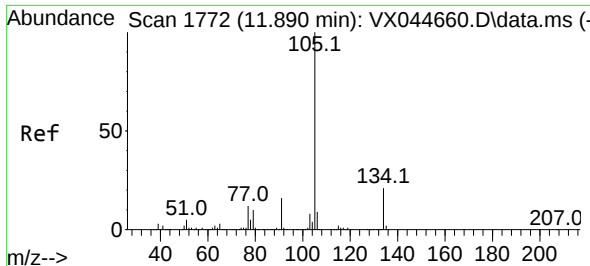
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#80
1,2,4-Trimethylbenzene
Concen: 21.689 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

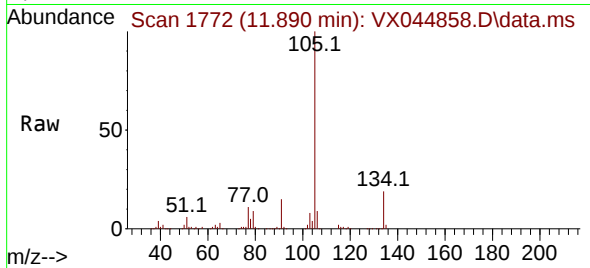
Tgt Ion:105 Resp: 118764
Ion Ratio Lower Upper
105 100
120 45.9 0.0 88.4





#81
 sec-Butylbenzene
 Concen: 22.911 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX044858.D
 Acq: 07 Feb 2025 11:01

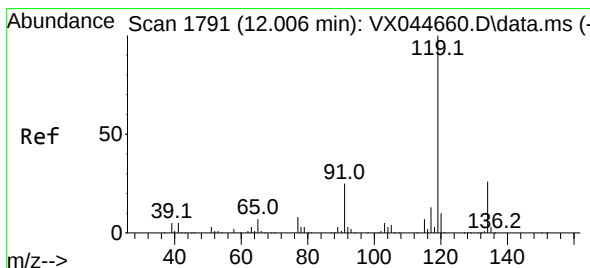
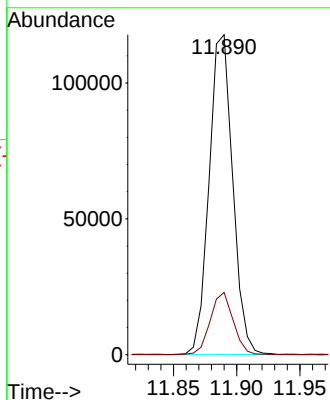
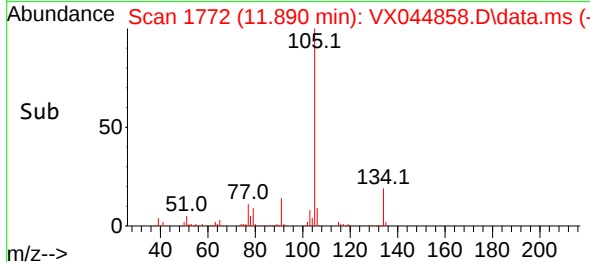
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBSD01



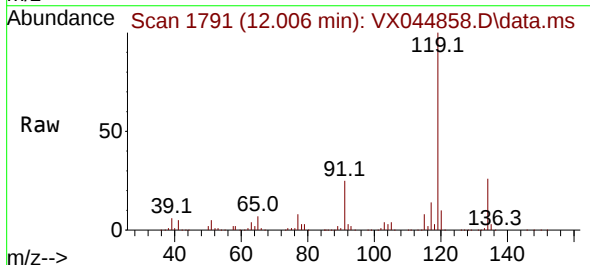
Tgt Ion:105 Resp: 152530
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 39.6

Manual Integrations
 APPROVED

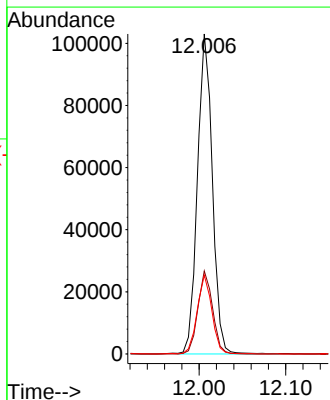
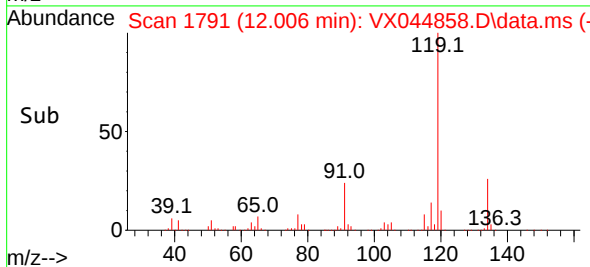
Reviewed By :John Carlone 02/10/2025
 Supervised By :Mahesh Dadoda 02/10/2025

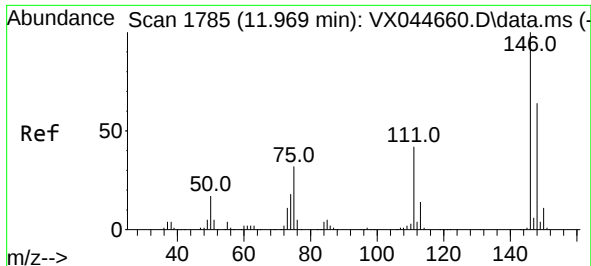


#82
 p-Isopropyltoluene
 Concen: 22.495 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX044858.D
 Acq: 07 Feb 2025 11:01



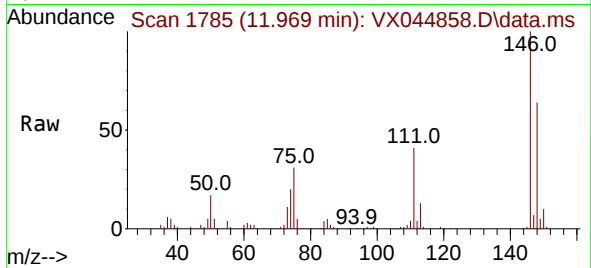
Tgt Ion:119 Resp: 123258
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 52.2
 91 24.2 0.0 50.2





#83
1,3-Dichlorobenzene
Concen: 21.715 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

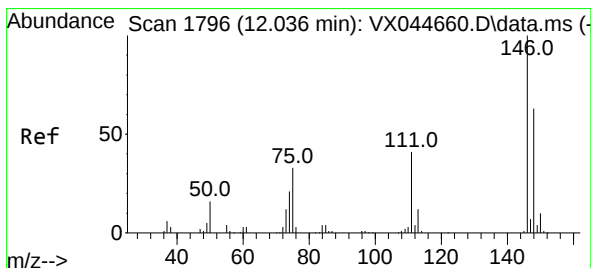
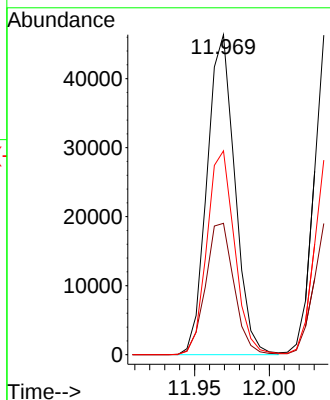
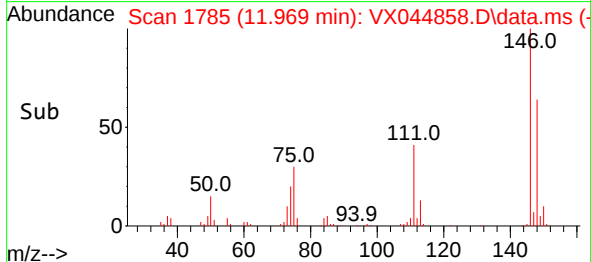
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



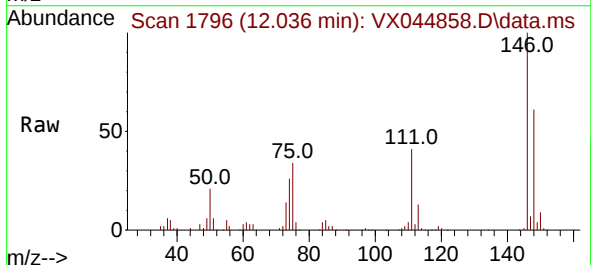
Tgt Ion:146 Resp: 60048
Ion Ratio Lower Upper
146 100
111 42.0 21.6 64.6
148 63.4 31.6 94.7

Manual Integrations
APPROVED

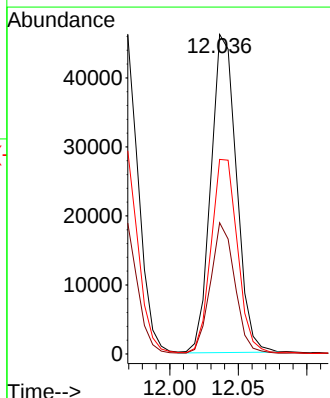
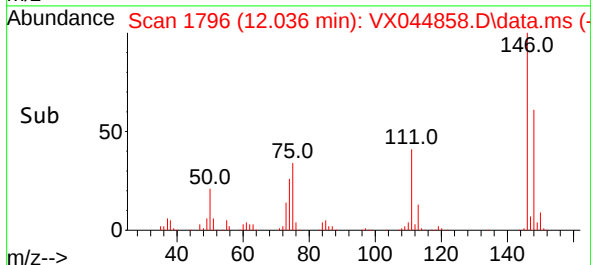
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

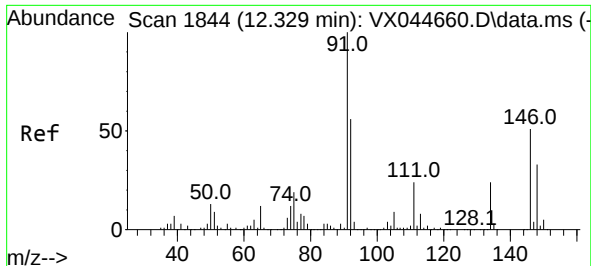


#84
1,4-Dichlorobenzene
Concen: 22.086 ug/l
RT: 12.036 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



Tgt Ion:146 Resp: 59871
Ion Ratio Lower Upper
146 100
111 39.7 20.8 62.5
148 63.5 32.1 96.5





#85

n-Butylbenzene

Concen: 22.894 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0207WBSD01

Tgt Ion: 91 Resp: 108739

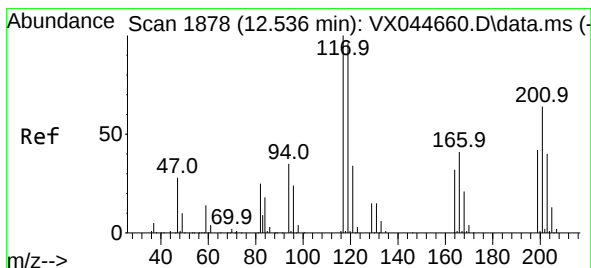
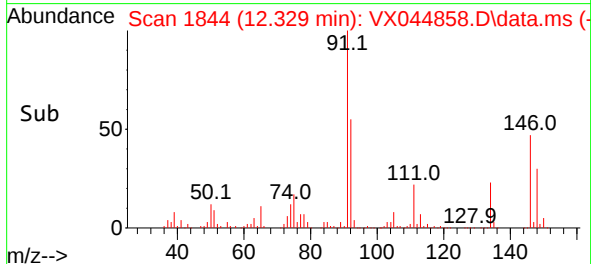
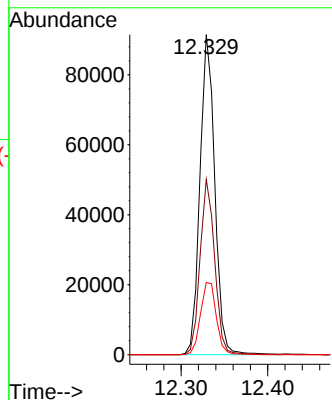
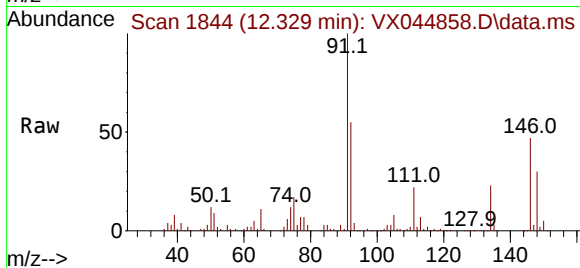
Ion	Ratio	Lower	Upper
91	100		
92	54.0	0.0	109.4
134	24.2	0.0	49.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/10/2025

Supervised By :Mahesh Dadoda 02/10/2025



#86

Hexachloroethane

Concen: 17.925 ug/l

RT: 12.536 min Scan# 1878

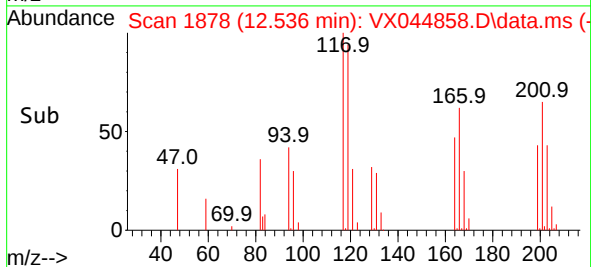
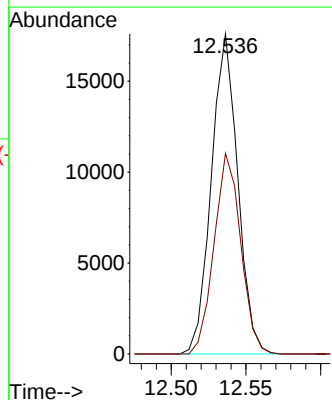
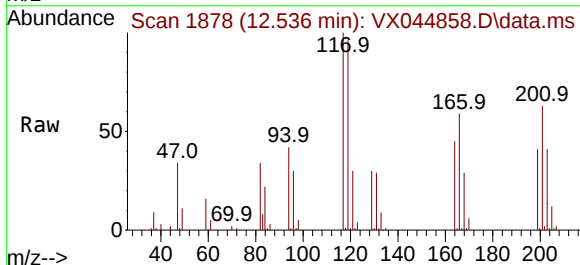
Delta R.T. -0.000 min

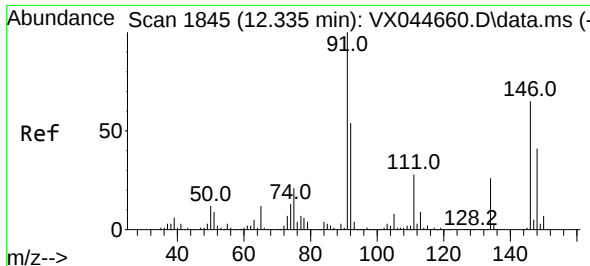
Lab File: VX044858.D

Acq: 07 Feb 2025 11:01

Tgt Ion:117 Resp: 21606

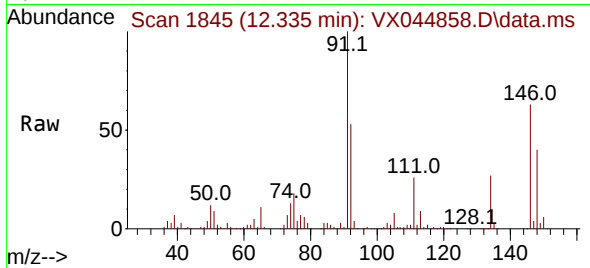
Ion	Ratio	Lower	Upper
117	100		
201	63.3	33.0	98.9





#87
1,2-Dichlorobenzene
Concen: 22.105 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

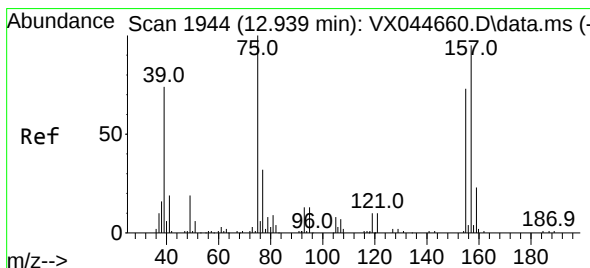
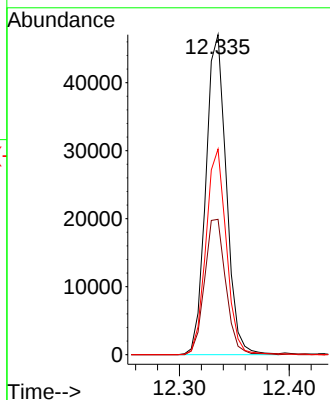
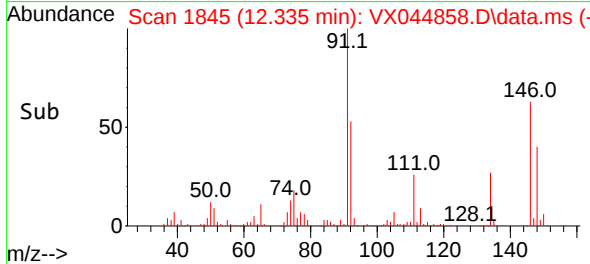
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



Tgt Ion:146 Resp: 6104
Ion Ratio Lower Upper
146 100
111 43.7 22.2 66.6
148 64.3 32.1 96.3

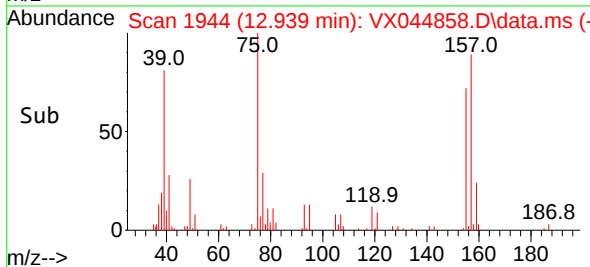
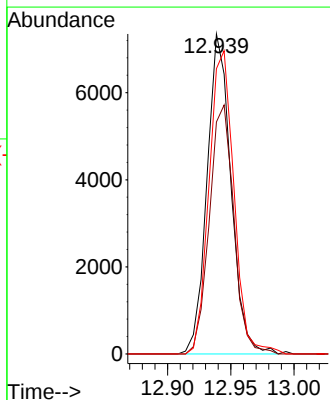
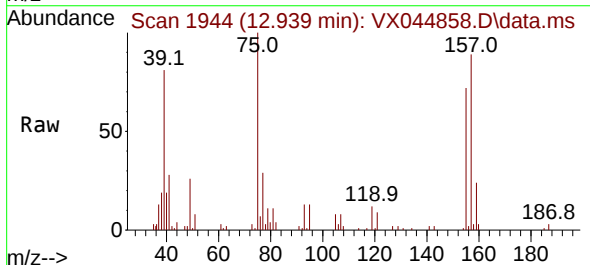
Manual Integrations
APPROVED

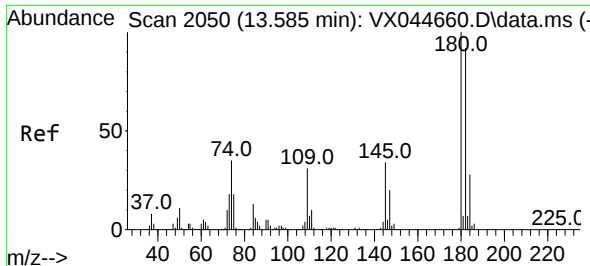
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.917 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

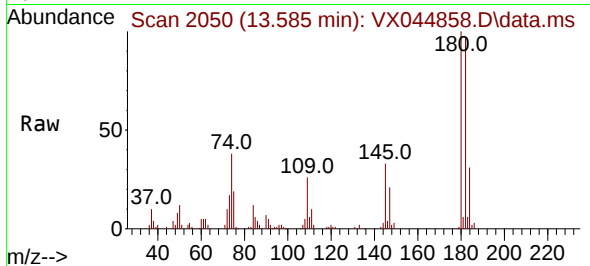
Tgt Ion: 75 Resp: 9695
Ion Ratio Lower Upper
75 100
155 79.3 62.3 93.5
157 98.1 79.9 119.9





#89
1,2,4-Trichlorobenzene
Concen: 20.394 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

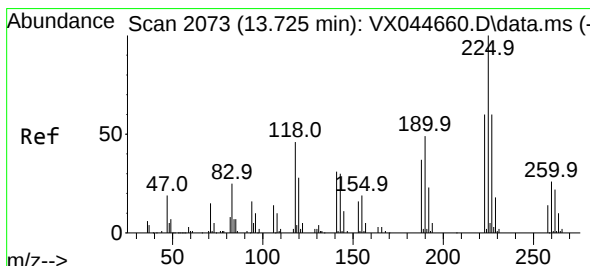
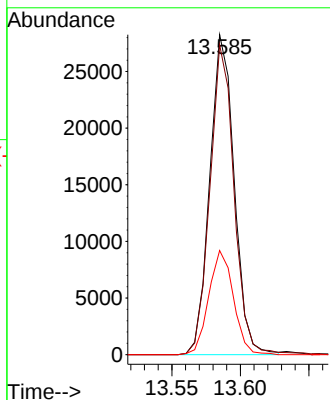
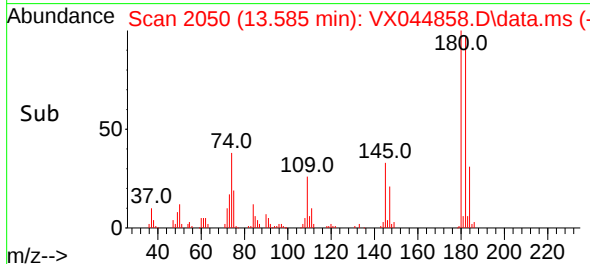
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



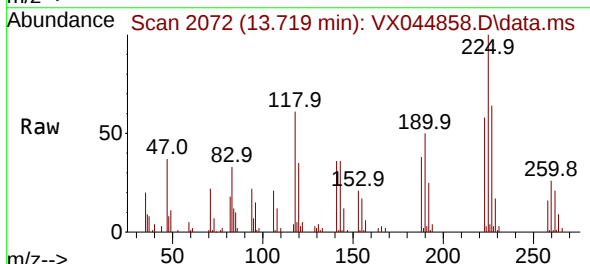
Tgt Ion:180 Resp: 3499
Ion Ratio Lower Upper
180 100
182 95.6 75.6 113.4
145 32.9 26.6 40.0

Manual Integrations
APPROVED

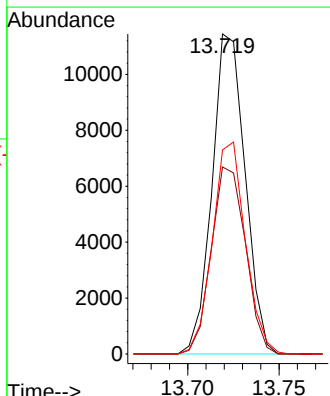
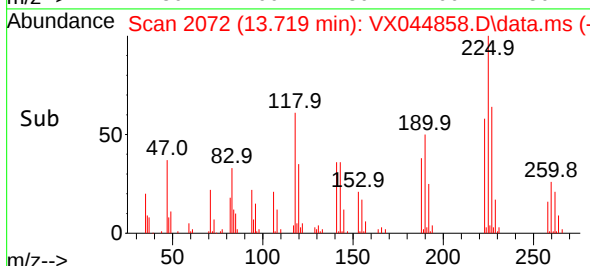
Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025

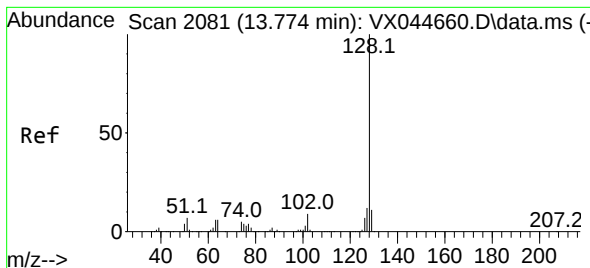


#90
Hexachlorobutadiene
Concen: 21.738 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



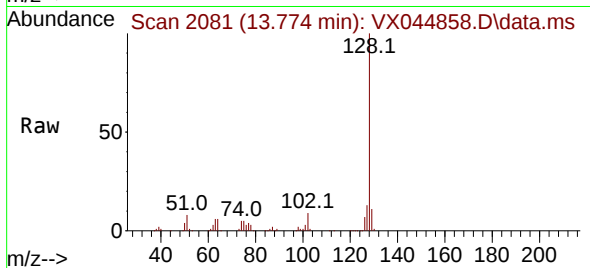
Tgt Ion:225 Resp: 14429
Ion Ratio Lower Upper
225 100
223 60.3 0.0 123.0
227 66.0 0.0 124.2





#91
Naphthalene
Concen: 20.782 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01

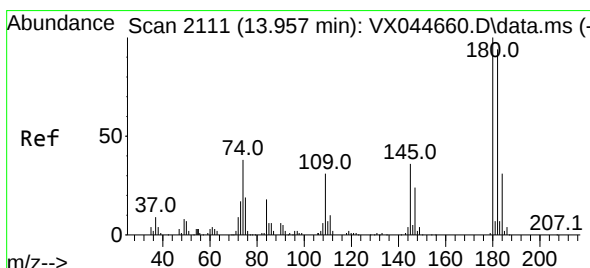
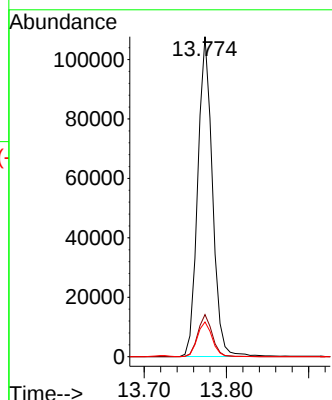
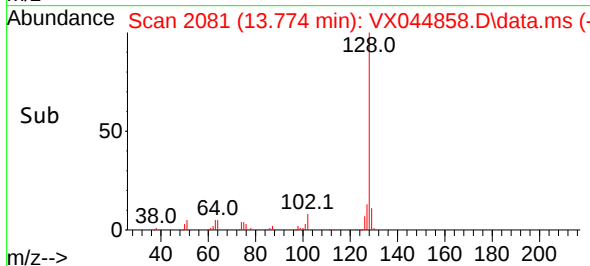
Instrument :
MSVOA_X
ClientSampleId :
VX0207WBSD01



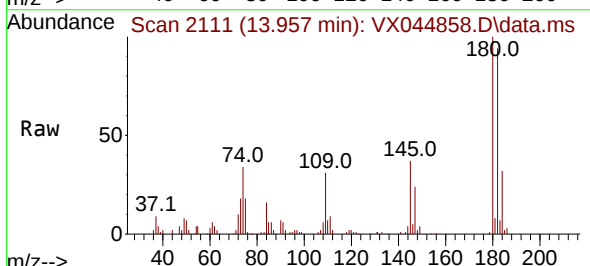
Tgt Ion:128 Resp: 13342
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/10/2025
Supervised By :Mahesh Dadoda 02/10/2025



#92
1,2,3-Trichlorobenzene
Concen: 20.802 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. 0.000 min
Lab File: VX044858.D
Acq: 07 Feb 2025 11:01



Tgt Ion:180 Resp: 36308
Ion Ratio Lower Upper
180 100
182 93.7 0.0 187.8
145 34.6 0.0 69.8

